

THE POCKET GUIDE
TO THE
WEST INDIES

ALGERNON E. ASPINALL



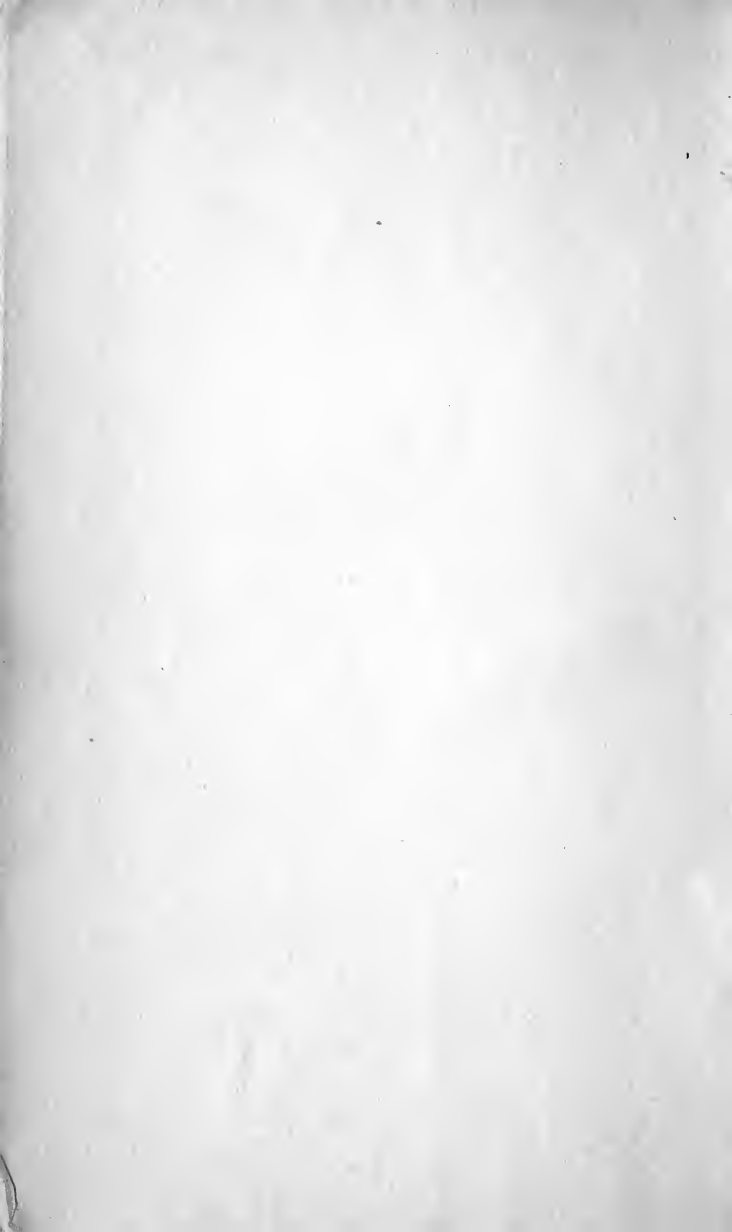
Class F 1609

Book A 87

1914

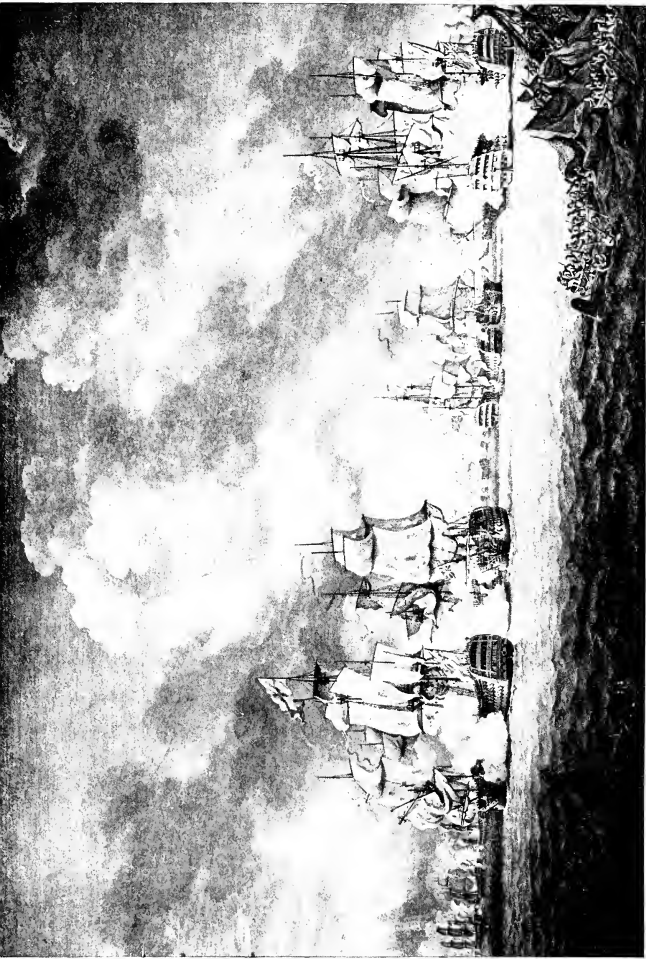
hbc





THE POCKET GUIDE TO
THE WEST INDIES

TO .
K. A.



THE MEMORABLE BATTLE OF THE SAINTES

By his decisive victory over de Grasse on April 12, 1782, Rodney saved Jamaica and secured to us our West Indian Colonies

THE POCKET GUIDE TO THE WEST INDIES

BRITISH GUIANA, BRITISH HONDURAS,
THE BERMUDAS, THE SPANISH MAIN, AND
THE PANAMA CANAL

BY

ALGERNON E. ASPINALL

AUTHOR OF

"THE BRITISH WEST INDIES" "WEST INDIAN TALES OF OLD"
"WEST INDIES AND GUIANA"

CHICAGO

NEW YORK

RAND, McNALLY & COMPANY

F 1609

A84

1914

First Published 1907
New and Revised Edition 1910
Reprinted 1912
New and Revised Edition 1914

By transfer
Department of State
1919.

PRINTED IN GREAT BRITAIN BY
BALLANTYNE & COMPANY LTD
TAVISTOCK STREET' COVENT GARDEN
LONDON

21-10645

CONTENTS

CHAPTER	PAGE
I. GENERAL INFORMATION	I
II. GENERAL INFORMATION (<i>continued</i>)	13
III. GENERAL INFORMATION (<i>concluded</i>)	28
IV. THE BERMUDAS	55
V. THE BAHAMAS	74
VI. BARBADOS	86
VII. BRITISH GUIANA AND BRITISH HONDURAS	125
VIII. JAMAICA AND ITS DEPENDENCIES	156
IX. TRINIDAD AND TOBAGO	211
X. THE WINDWARD ISLANDS	245
XI. THE LEEWARD ISLANDS	294
XII. GUADELOUPE AND ITS DEPENDENCIES, AND MARTINIQUE	356
XIII. ST. THOMAS, ST. JOHN, ST. CROIX, ST. MARTIN, ST. EUSTATIUS, SABA, AND CURAÇAO	367
XIV. CUBA AND PORTO RICO	380
XV. HAITI AND SANTO DOMINGO	408
XVI. THE SPANISH MAIN	415
XVII. THE PANAMA CANAL, COLON, AND PANAMA	427
XVIII. SOME WEST INDIAN INDUSTRIES	442
XIX. CONCLUDING REMARKS	458
INDEX	461

LIST OF ILLUSTRATIONS

The Memorable Battle of the Saints	<i>Frontispiece</i>
The Queen's Staircase, Nassau	<i>To face page</i> 84
Codrington College, Barbados	" 106
In the Botanic Gardens, British Guiana (By F. V. McConnell)	" 140
A Street in Georgetown, British Guiana (By I. N. Carvalho)	" 140
All that remains of Kyk-over-al, British Guiana (By F. V. McConnell)	" 144
The Famous Shark Papers	" 176
The Entrance to Nelson's Quarters, Port Royal, Jamaica (By A. C. Kelway)	" 182
A Characteristic View in Jamaica	" 184
The Rodney Memorial, Spanish Town, Jamaica	" 188
Government House, Trinidad	" 188
Giant Bamboos, Trinidad	" 226
Guayaguayare Beach, Trinidad (By Randolph Rust)	" 234
The Pitch Lake at La Brea, Trinidad	" 234
The Promontory of St. George's, Grenada	" 254
Part of St. George's, Grenada	" 254
Fort Duvernette, St. Vincent (By J. C. Wilson)	" 288
Laborie, St. Lucia	" 288
A Street in St. John's, Antigua	" 300
The Dockyard, English Harbour, Antigua	" 300
Camelford's Anchor, English Harbour, Antigua	" 306
Brimstone Hill, St. Kitts	" 306
Roseau, Dominica, from the Sea	" 344
A Typical Valley in Dominica	" 344

LIST OF MAPS AND PLANS

MAPS

✓ The West Indies	<i>To face page</i>	1
✓ The Bermudas	”	56
✓ New Providence, the Bahamas	”	76
✓ Barbados	”	88
✓ A Topographical Description and Admeasurement of the Yland of Barbados (An old Map, 1673)	”	90
✓ British Guiana	”	128
✓ Jamaica	”	158
✓ Trinidad	”	212
✓ Tobago, Grenada, St. Vincent, and the Grenadines	”	246
✓ St. Lucia, Antigua, St. Kitts, Nevis, Dominica, and Montserrat	”	296
✓ Martinique, Guadeloupe, Marie Galante, and the Saintes	”	358
✓ Cuba and Porto Rico	”	382
✓ Haiti and Santo Domingo	”	410
✓ The Panama Canal	”	428

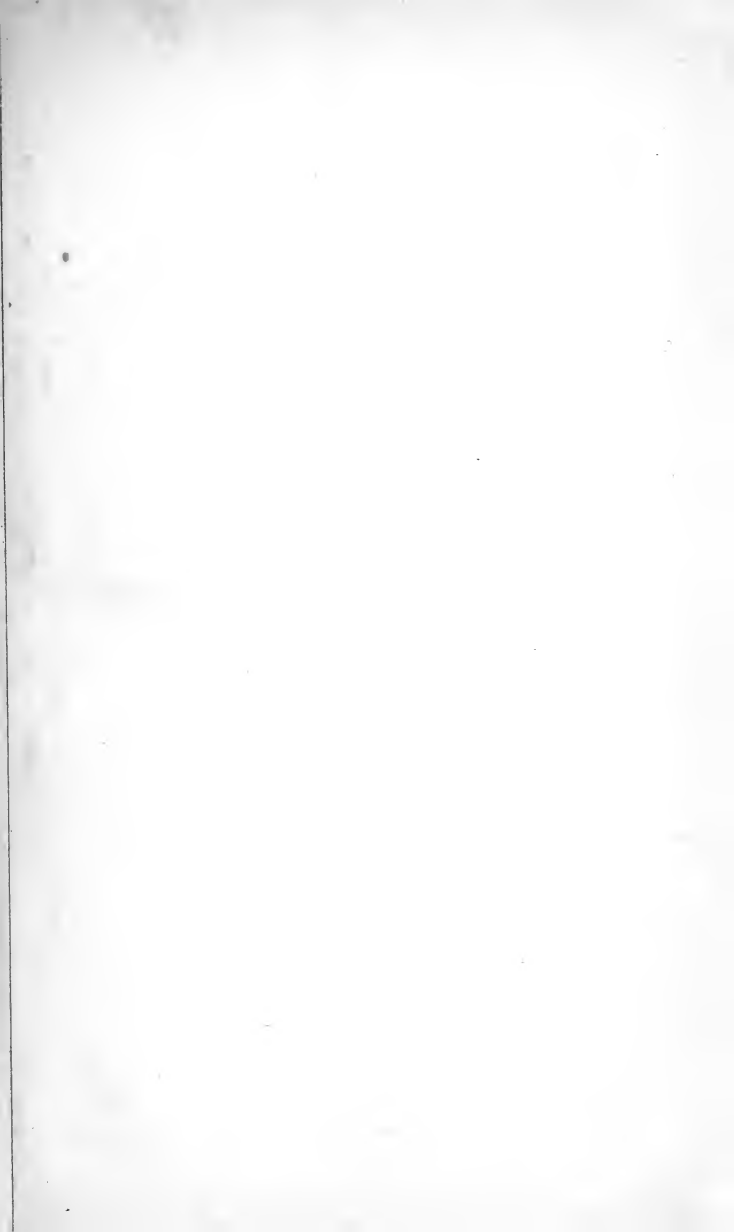
PLANS

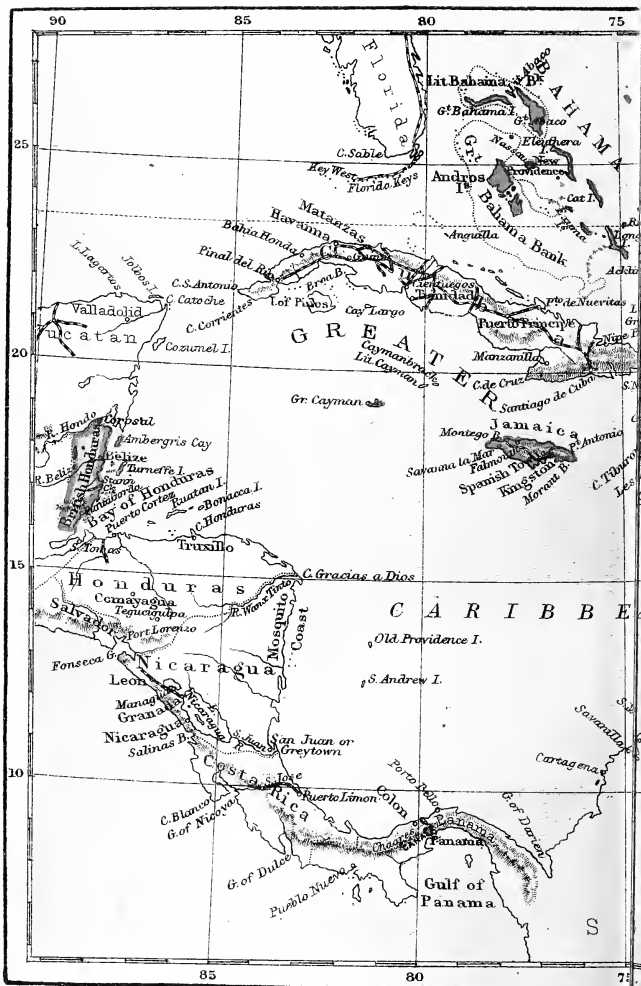
✓ Bridgetown, Barbados	<i>To face page</i>	98
✓ Georgetown, British Guiana	”	136
✓ Kingston, Jamaica	”	168
✓ A Plan of Port Royal before and after the Earth- quakes of 1692 and 1907	<i>page</i>	181
✓ Port of Spain, Trinidad	<i>To face page</i>	222
✓ The Carenage, Grenada, in 1700	<i>page</i>	253
✓ Havana, Cuba	<i>To face page</i>	386
✓ An old Plan of the Siege of Havana	<i>page</i>	388

TABLE

✓ Dollars and Sterling Table	<i>End of book</i>
------------------------------	--------------------

THIS guide has been rewritten to a great extent, and several new features have been introduced which will, it is hoped, add to its usefulness. So many travellers now visit the Bermudas on their way to or from the West Indies that the inclusion of those islands outside the tropics should require no further justification. The compiler will welcome any suggestions for improving the book, and desires to thank the many kind friends who have so ungrudgingly assisted him, and especially Mr. Frank Cundall, Mr. N. Darnell Davis, C.M.G., Mr. F. H. Watkins, I.S.O., and Mr. W. R. Hunt.





90

85

80

75

25

20

15

10

85

80

75

C A R I B B E A

G R E A T E R

B A H A M A S

H O N D U R A S

N I C A R A G U A

C O S T A R I C A

P A N A M A

Gulf of Panama

Valladolid

Yucatan

Belize

Bay of Honduras

Salvador

Leon

Managua

Granada

Nicaragua

Costa Rica

Panama

C. S. Antonio

C. Catoche

C. Corrientes

C. Cozumel I.

C. Honduras

C. Gracias a Dios

C. Fonseca

C. Leon

C. Granada

C. Nicaragua

C. Costa Rica

C. Panama

Bahia Honda

Pinal del Rio

Los Pinos

Cay Largo

Gr. Cayman

Old Providence I.

S. Andrew I.

San Juan or Greytown

Porto Limon

Colon

Panama

Panama

Havanna

Matanzas

San Juan de los Rios

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

Sancti Spiritus

70

65

60

WEST INDIES

English Miles



Tropic of Cancer

ATLANTIC OCEAN

W. I. S. I. S.
 Mariguana
 W. Caicos
 Grand Caicos
 East Caicos
 Bank
 Turk Is.
 Mayst
 Tortuga
 Heytian
 Chago Francois
 Samana E.

LEeward ISLANDS
 Santo Domingo
 Port au Prince
 Santo Domingo
 Hayti or Sto Domingo (Republics)
 N TILLES

LEEWARD ISLANDS
 S. Juan
 Ponce
 Beques or Crab I.
 Ste Croix
 S. Thomas (Danish)
 S. John
 S. Christopher
 S. Eustatius
 S. Kitts
 S. Nevis
 S. Vincent
 S. Lucia
 Barbuda
 St. John
 Antigua
 Montserrat
 Guadeloupe
 Basseterre
 Aves or Bird I.
 Desirade
 Maria Galante (French)
 Dominica

WINDWARD ISLANDS
 Martinique (French)
 S. Lucia
 Barbados
 Bequia
 Grenadines
 Grenada
 Blanquilla
 Testigos
 Margarita
 Tobago
 Trinidad
 St. Bernard

VENEZUELA
 La Eschae
 P. Galinas
 Oruba (Dutch)
 Curacao (Dutch)
 Buen Ayre (Dutch)
 Aves Is.
 Los Roques
 Orchilla
 Tortuga
 La Guayra
 Caracas
 Lake Maracaybo
 Gulf of Venezuela

WINDWARD ISLANDS
 Martinique (French)
 S. Lucia
 Barbados
 Bequia
 Grenadines
 Grenada
 Blanquilla
 Testigos
 Margarita
 Tobago
 Trinidad
 St. Bernard

U T H A M E R I C A
 Mouths of the Orinoco
 R. Orinoco
 Ciudad Bolivar
 British Guiana
 Georgetown

Longitude West 70 from Greenwich

65

60

THE POCKET GUIDE TO THE WEST INDIES

CHAPTER I

GENERAL INFORMATION

The West Indies : Position and Names : Geology :
Climate : Health : Food and Beverages : Meals :
Expenses : Servants and Wages : Money : Banks :
Roads and Motoring

POSITION AND NAMES. The West Indies consist of a chain of islands varying in size from 44,178 square miles, the area of Cuba, to small islets of only a few acres in extent, stretching in a curve from Florida to the northern coast of South America. Beginning at the north-west with the Bahamas, they end at the south-east with Trinidad off the coast of Venezuela. The origin of their name is traced to the fact that when they were first sighted by Columbus he believed that he had reached India by a western route, as it had long been his ambition to do. The name Antilles, which is also given to the islands, is said to be derived from Antilla, or Antiglia, a mythical land which was believed to exist in the west, and is placed on ancient charts about two hundred leagues to the westward of the Azores. Jamaica, Cuba, Haiti, and Porto Rico are known as the Greater Antilles, while the semicircle of smaller islands to the east is sometimes called the Lesser Antilles. The Spaniards used to style these Lesser Antilles, which are exposed to the prevailing north-easterly winds, the Windward Islands (*Islas de barlovento*), and the four large islands comprising the Greater Antilles, the Leeward

Islands (*Islas de sotavento*), from their more sheltered position. Tourists should, however, disabuse their minds of this classification, which no longer holds good, the terms Windward and Leeward being now applied to two entirely different groups of British islands, to which reference is made below.

The British West Indian Islands are divided into six separate colonies: (1) The Bahamas; (2) Barbados; (3) Jamaica, with Turks and Caicos Islands, and the Cayman Islands; (4) Trinidad and Tobago; (5) the Windward Islands, including Grenada, St. Lucia, St. Vincent, and the Grenadines; and (6) the Leeward Islands, comprising Antigua, with Barbuda and Redonda, St. Kitts, Nevis and Anguilla, Montserrat, Dominica and the Virgin Islands. The colonies of British Guiana on the mainland of South America and British Honduras in Central America are also generally considered part of the British West Indies, owing to their proximity and to the many interests which they and the islands have in common.

Of all the West Indian islands, Cuba, an independent republic, which has as a dependency the Isle of Pines, is by far the largest. Next to Cuba in size comes the island of Haiti, the old Espagnola or Hispaniola, which comprises Haiti at the western end and Santo Domingo at the eastern end, both of which are also republics. The other islands of importance beside those mentioned above are: Porto Rico (American), St. Thomas, Santa Cruz or St. Croix, and St. John (Danish), Guadeloupe (with its dependencies the Saintes, Marie Galante, Désirade or Deseada and St. Bartholomew), and Martinique (French), Curaçao and its dependencies (Dutch), and St. Martin (owned jointly by the Dutch and French).

GEOLOGY. Most of the West Indian islands have very distinct traces of volcanic origin, while the small coral animal has also done its work in providing a field for European colonisation. Many of the almost land-locked harbours are easily recognised as the craters of extinct volcanoes, and other signs of volcanic action are not wanting.

It soon becomes abundantly clear to the visitor that the

islands are the peaks of a submerged range of mighty mountains. The range is known to geologists as the Caribbean Andes, which at the beginning of the Tertiary Period formed a connecting link between North and South America. It is claimed that this has been proved by the discovery in Georgia and Carolina of the fossilised remains of animals which still exist in South America, by the similarity of the tribal habits and customs of the Indians of Guiana to those of the North American Indians, and by traces found in Guadeloupe of the Megatherium, a prehistoric animal which could never have existed within the narrow limits of a comparatively small island. At this period the position of the present Isthmus of Panama was probably occupied by a group of islands, of which one at least—now represented by Ancon Hill overlooking Panama City—was of volcanic origin.

The subsidence which brought about the present physiographic condition of the Antilles was in all probability a gradual one. The distribution of the flora and fauna shows that the first result was the formation of a large island occupying the site of Cuba, Jamaica, Haiti, and Porto Rico. One of the facts adduced in proof of this is the distribution of a group of birds, which are called in Jamaica "Green todies." The genus consists of only four species, which are confined to the above four islands. The fact that the birds are not found elsewhere shows that at one time these islands were all one, and the additional fact that each of the four possesses its own separate species evolved from the common form, proves that separation took place later on. Soundings, taken in the locality, confirm this view. When the Isthmus of Panama was formed the land was much higher than it is at present. This is proved by the fact that the borings made by the Canal engineers have shown the existence of old channels of the Rio Grande and Chagres a few hundred feet below the sea level.

There are petroleum and manjak deposits in Barbados and Trinidad, and the latter island has also a source of wealth in its famous asphalt or Pitch Lake. Gold and diamonds are found in British Guiana. Many of the islands have mineral springs, and sulphur deposits abound.

Before deciding to visit a part of the world with which he is unfamiliar, a tourist very properly asks what climate he will find there ; what the conditions of health are in the places to be visited ; what kind of food will be put before him ; and what his expenses are likely to be. An endeavour will accordingly be made to answer these very important questions before the writer proceeds to describe the chief characteristics of the different islands, British Guiana and British Honduras.

CLIMATE. Taken as a whole, the climate of the West Indies is decidedly healthy. Indeed, in many parts it is extremely salubrious all the year round, and this may also be said of all the islands in the winter months. Climatic conditions vary of course very much according to locality, those places farther from the equator and those more exposed to the north-east trade-winds being naturally better off than others less favourably placed. The rainy season sets in as a rule about June, and lasts until the end of the year, with a break in about August or September, or later as in the case of British Guiana ; but the days when the sun does not shine at all are very rare, and it is almost always possible to predict when the rain is coming. The nights are transcendently beautiful, the moon shining with a brilliancy unknown at home, while that magnificent constellation known as the Southern Cross rears its stately form over the horizon. With the exception of Trinidad, Tobago, and Grenada, the islands are subject to occasional hurricanes in August, September, and October ; but, fortunately, such disturbances do not come without a warning fall in the barometer, and due notice of their probable approach is signalled from stations of the United States Weather Bureau, the ominous signal being two red flags with a black centre hoisted one above the other. There is an old negro adage concerning hurricanes which runs :

June, too soon.
 July, stand by !
 August, come it must.
 September, remember.
 October, all over.

Hurricanes of such violence as to cause serious damage to

buildings or loss of life are, happily, not frequent in any given place. Montserrat, for example, which suffered from a hurricane in 1899, had, it is said, previously enjoyed immunity for upwards of one hundred years. Volcanic eruptions are fortunately confined to the Montagne Pelée in Martinique and the Soufrière in St. Vincent, both of which had been quiescent for very many years prior to the trouble of 1902 and are now peacefully sleeping again; and seismic movements are generally so slight as to be scarcely noticeable. During January, February, and March, the north-east trade-winds blow with great regularity, rendering these months particularly pleasant, and, speaking generally, year in and year out, the favourable features of the West Indian climate far outnumber the bad.

HEALTH. There are well-qualified physicians in each of the West Indian islands and in British Guiana and British Honduras, besides an efficient medical service. Indeed, throughout the West Indies there is no lack of medical men; but tourists who adopt the usual precautions as to diet and mode of living should not require to have recourse to their ministrations. It used to be said that the best way to ensure good health was to keep the pores of the skin open and the mouth shut! Owing to the moisture in the air and the prevalence of the trade-winds for the greater part of the year, the heat of the sun is felt far less than it is at the same temperature in New York or London, and for this reason sunstroke is practically unknown in the West Indies; but, all the same, visitors should on no account expose themselves to the direct rays of the noon-day sun. Exercise in moderation is very desirable. A thorough wetting by the rain should be guarded against, and chills at sundown avoided. Of late years, the sanitary arrangements in the West Indies have undergone substantial improvement, with the result that outbreaks of serious fever are of extremely rare occurrence, and they seldom occur in the winter months. Malaria of a mild form is met with in most of the islands in the summer—Barbados being a notable exception—but new-comers are not as a rule susceptible to it until they have resided for at least ten or twelve months in the West Indies, and

tourists therefore need feel no apprehension on this score. It has been proved beyond all doubt that the mosquito is the chief source of infection in various tropical fevers, the *anopheles* being the communicating agent of malaria and the *stegomyia* that of yellow fever. It is very important, therefore, that every traveller should take precautions against being bitten by these objectionable insects and should invariably sleep under a net in places where mosquitoes exist. Rigid anti-mosquito regulations are now being enforced in all the islands of consequence and in British Guiana and British Honduras, with the result that mosquitoes are far less plentiful than they used to be. The West Indies are remarkably free from infectious diseases common in temperate climes, and also from those ailments which are commonly associated in the mind and body with an English winter. Many private houses and several hotels have swimming-baths, and in most residences there is a large bath in which it is almost possible to swim. There is generally a shower-bath also, and in British Guiana its use forms the most popular style of bathing.

FOOD AND BEVERAGES. The question of what to eat and what to drink in the West Indies is one which deserves a few remarks. To a visitor fresh from temperate climes, both food and beverages present decided features of novelty. Beef and mutton find their places on the board, though, owing to the climate, they are as a rule tough, except in the larger islands in which supplies from the United States are obtainable. Chicken and guinea-fowl figure extensively on the menu, but otherwise a tropical table differs materially from one at home. This is chiefly the case with the fish and vegetables. Of the former there are the flying-fish—the dish *par excellence* of Barbados, and very good it is too—snapper, snook, mullet, and grouper, all of which are deservedly popular. The cascadura, a fresh-water fish which is eaten in Trinidad, is alleged to have properties not unlike those possessed by the fountain of Trevi at Rome. The visitor who throws a penny into the fountain is certain to return to Rome, and he who partakes of the cascadura can, it is said, never

live far from Trinidad. Conchs are a favourite article of diet in the Bahamas and the Turks and Caicos Islands. In the Bahamas they are so plentiful that the people born there are nicknamed "Conchs." Among the vegetables are yams—floury and soft to the palate—sweet potatoes, tannias, eddoes, ochros—the pods of which, cooked like asparagus, are excellent—plantains, delicious when fried, cassava, Indian corn, papaws, pigeon peas, to mention a few only, while a capital salad is made from the heart of the lofty cabbage palm (*Oreodoxa oleracea*). The Avocado pear (*Persea gratissima*) merits a class to itself for excellence. With a squeeze of lime and some red pepper it makes delicious eating, and the consistency and colour of its contents have earned for it the name midshipman's or subaltern's butter. It is, however, at dessert that the greatest surprises are forthcoming. Bananas, both big (*Gros Michel*) and dwarf (*Musa Cavendishii*), are known at home, but the very small fig banana, or Lady's Finger, is not often seen out of the tropics, and, while all fruit of this description has a much better flavour in its native home than in England or America, the latter kind is for flavour the acme of perfection. Oranges while actually green are exquisite, and the West Indian tangerine variety is infinitely better than any ever seen at home. The grafted mangoes, for which Jamaica is especially famous, are exquisitely delicate in flavour, while a sound Antigua pineapple is something to dream about. It is not long before the visitor makes the acquaintance of some of the following fruits, which are among the most popular in the West Indies: Custard, mammee and star apples, citrons, Barbados cherries, golden apples, granadillas (the fruit of the passion flower), guavas, limes, mangoes, melons, pomegranates, sapodillas, shaddocks, and sour sops.

In Trinidad, Grenada, and Antigua, the small oysters which adhere to the roots of the mangrove trees form a novelty, and should be asked for; while in British Guiana it would be rank heresy to ignore the famous "pepper-pot." The ingredients of this savoury dish are: Pork cut into small pieces and fried until brown, a partially roasted fowl also cut up, an onion, a dozen shallots, and a few dry chillies,

stirred well in a large earthenware pipkin, locally called a buck-pot. To this is added a sauce consisting of two tablespoonfuls of moist cane sugar, one and a half tablespoonfuls of salt, and a teaspoonful of cayenne pepper mixed well with hot water, with seven to ten tablespoonfuls of cassareep (the concentrated juice of the bitter cassava) added until the concoction is brown. This is boiled and allowed to simmer for one and a quarter hours, and then boiled up again next day for half an hour. On the third day the pepper-pot will be ready for table. The pot must be constantly replenished, and if heated up day after day it will last for many years, in fact, if carefully tended the older it is the better. The writer has been privileged to partake of a "pepper-pot" said to be over one hundred years old. The Lapp or Labba (*Cælogenys paca*), a little creature resembling a glorified guinea-pig, and the Agouti (*Dasyprocta agouti*) furnish exquisite dishes in Trinidad, where crabs' backs are also a recognised luxury.

In Dominica and the French islands the edible frog, known as the crapaud (*Leptodactylus pentadactylus*) or the slender-toed frog—so called because it is web-footed—is considered a great delicacy. It is served to unsuspecting visitors under the name of "mountain chicken." The iguana, a tree-lizard, also furnishes a palatable dish, while groo-groo worms, large maggots—as, for want of a more appropriate name, they must be called—found in the growing heart of the palm-tree, are also looked upon as a choice luxury.

The taste in respect to beverages in the West Indies follows very closely that prevailing at home; but a new-comer should guard against the tendency to increase the quantity consumed which must inevitably result from a rising thermometer. The water in the principal towns is, as a rule, quite drinkable; but it is best to be on the safe side and to insist upon its being filtered. This is usually done by means of a "Barbados drip stone," a large block of coral rock hollowed into a convenient shape through which the water drips into a receptacle below. Light wines or whisky and soda in moderation are perhaps the safest "drinks" in the tropics; while for abstainers, lemonade,

ginger-ale, kola, and similar concoctions can always be obtained ; and lime squashes will be found infinitely preferable to the familiar lemon squash. Among other beverages peculiar to the West Indies which should be asked for are pimento dram and falernum, while the old-time sangaree also has its devotees. The latter, which is very refreshing, consists of wine, water (perhaps), sugar, nutmeg, a slice of lime, and an abundance of crushed ice. It is a good rule to avoid all stimulants before the midday meal, though an appetiser before dinner, which may take the form of a cocktail or a "swizzle," is recommended. The swizzle is made from gin, whisky, brandy, or vermouth, which is mixed in a jug with bitters, grated ice, and a modicum of sugar, and frothed up with a swizzle-stick, the latter being the stem of a plant with radiating branches, apparently provided by nature for this special purpose, which is made to revolve backwards and forwards between the palms of the hands. A recipe which it would not be easy to beat is the old and familiar :

One of sour (lime juice),
Two of sweet (syrup),
Three of strong (gin), and
Four of weak (water).

In Barbados the great appetiser is a swizzle known as "green bitters." The ingredients (which can be obtained in England from the West Indian Produce Association, 14 Creechurch Lane, London) are one wineglassful of old rum, one of white falernum, half a wineglassful of water, wormwood bitters to taste, and plenty of crushed ice. The whole is frothed up with a swizzle-stick and is consumed while still frothing.

MEALS. "Coffee" is the first meal of the day in the West Indies. It connotes a cup of the beverage from which its name is taken, or of tea or other liquid refreshment, whatever be its nature, which is served with toast and butter at the early hour of 6 A.M. Breakfast is somewhat of a movable feast. It may be put on the table at any time between 10 and 12.30, according to the locality, and it will be found to partake more of the nature of luncheon at home. Tea follows at 4.30 or 5; and dinner at the usual

time of 7 or 7.30. At first, the difference in the hour of meals in various islands is rather bewildering, but the visitor soon gets accustomed to the changed conditions.

EXPENSES. The cost of a visit to the West Indies must, of course, depend very largely upon the tastes and the temperament of the individual. While at sea, there are, after the ticket has been paid for, no expenses except for wines, &c., and the inevitable tips. With regard to the latter, it may be mentioned that to ensure the best attendance it is a good plan to give the cabin steward and waiter their tips in two instalments, half at the beginning of the voyage (with a promise of further largess if satisfaction is given) and half at the end. For a voyage of twelve days it is usual to give the cabin steward £1 (\$4.80), the waiter at table 10s. (\$2.40), the bathroom steward 5s. (\$1.20), and the boots 2s. 6d. (60 cts.). On shore, 10 per cent. of the amount of the charge or bill will be found to be a good basis for calculating the amount of tips.

At most of the hotels and lodgings in the West Indies, from 8s. 4d. (\$2) to 12s. 6d. (\$3) per day is the charge for board and lodging. Added to this must be the expenses of various expeditions involving the use of buggies, horses, motor-cars (in the larger places), boats, and trains; but the tourist will be on the safe side if he estimates his expenses on shore at from £1 (\$4.80) to £1 10s. (\$7.20) a day, without taking into consideration what he may spend on those delightful "curios" and souvenirs, the purchase of which for friends at home is one of the pleasures of travel.

SERVANTS AND WAGES. Excellent black servants of every class can be obtained throughout the West Indies. They are faithful, and if treated well but firmly are extremely willing and obliging. The scale of wages is approximately as follows: butlers, £20 (\$96) per annum; parlourmaids, £12 10s. (\$60) to £20 (\$96); nurses, £15 (\$72) to £20 (\$96); cooks, £15 (\$72) to £20 (\$96); and coachmen, £20 (\$96) to £25 (\$120).

MONEY. British silver is the currency in the British West Indies; but British and American gold is negotiable. Gold doubloons—the old "Pieces of Eight" of the days of the Buccaneers—were finally withdrawn from circulation

all over the British West Indies in June 1908. Public accounts are as a rule shown in sterling ; but as banking and private accounts are mainly kept in dollars and cents, and as much trading is conducted on this basis, a table for comparing the relative values of dollars and cents and £ *s. d.* is given at the end of the book. The notes of the local banks are very largely used, and those issued in one island can generally be cashed in others at face value. It is, however, best to change them before leaving the island of issue.

In Cuba there is no special currency, American and Spanish coinage being used. In Haiti the unit is the Gourde ; but both in that republic and in the neighbouring one of Santo Domingo American gold circulates freely. In the other islands the currency is that of the countries to which they belong. In Colombia the unit is the Peso, in Venezuela the Bolivar, and in Panama the Balboa, but in each of these countries American gold is freely accepted.

BANKS. The *Colonial Bank* (capital, £2,000,000 ; paid up, £600,000 ; reserve funds, £150,000. London address, 16 Bishopsgate, E.C. ; New York address, 82 Wall Street) has branches in Antigua, Barbados, British Guiana (Berbice and Demerara), Dominica, Grenada (branch at St. George's and agents at Grenville), Jamaica (branches at Kingston and Port Antonio and agents at Falmouth, Montego Bay, Port Maria, and Savanna-la-Mar), St. Kitts, St. Lucia, St. Thomas, St. Vincent, and Trinidad (branches at Port of Spain and San Fernando). The bank issues letters of credit, drafts on demand and telegraphic transfers on the branches, receives for collection bills of exchange, and conducts general banking business connected with the West Indies. The Colonial Bank also affords banking facilities between the West Indies and Canada through its agents in the Dominion, the Bank of British North America. The *Bank of Nova Scotia* (capital, \$10,000,000 ; reserve funds, \$11,000,000 ; headquarters, Halifax, N.S.) has eight branch offices in Jamaica (Kingston, Port Antonio, Port Maria, St. Ann's Bay, Montego Bay, Savanna-la-Mar, Black River, and Mandeville), two in Cuba (Havana and Cienfuegos), and one in Porto Rico (San Juan) ; and the *Royal Bank of Canada* (capital, \$25,000,000 ; reserves,

\$13,570,000 ; head office, Montreal, Canada ; London office, Princes Street, E.C.) has branches in the Bahamas, Barbados, British Guiana, British Honduras, Grenada, Jamaica, Trinidad, Cuba, and Porto Rico. In the Bahamas there is also the *Bank of Nassau* (capital, \$100,000), which does a deposit and discount business, and in Bermuda the *Bank of Bermuda*, and *M. T. Butterfield and Son's Ltd. Bank*.

ROADS AND MOTORING. Generally speaking the roads in the British West Indies are good. Fourteen years ago there was not a motor-car to be seen in the islands ; now they are popular, and in British Guiana, Barbados, Jamaica, Trinidad and elsewhere there are companies from which cars can be obtained on hire, repairs effected and supplies of petrol secured. There is an import duty on motor-cars which varies in the different colonies, but the duty is refunded when the cars leave the island again. The freight on motor-cars from the United Kingdom to the West Indies is approximately at the rate of £1 15s. per 40 cubic feet and 20 per cent. primage, and from the United States 10 cents per cubic foot with a minimum charge of \$25. Only visitors contemplating a long stay in Barbados, Jamaica, or Trinidad could, however, be advised to have their motor-cars sent out, for in British Guiana, though the roads are good, the distances are short, and in the small islands the roads are either too indifferent or too hilly for comfort. Even in Jamaica the area suitable for motoring is restricted, owing to the unbridged watercourses which have to be crossed, and prove fatal to the combustion arrangements. In Barbados the speed limit is fixed at twenty miles an hour in the country and eight miles in town, while in British Guiana, Jamaica, and Trinidad the driver is only compelled to drive with safety and to observe the usual police traffic regulations. In Bermuda motor-cars are entirely banned, and there are many who think this a great advantage. In Cuba and Porto Rico the roads are good and automobiles can readily be hired.

CHAPTER II
GENERAL INFORMATION
(continued)

Steamship Communication : Routes from the United Kingdom :
Europe : Canada : The United States : South America

HAVING made up his or her mind to visit the West Indies, the next matter for the consideration of the tourist is the route to be taken. The facilities for reaching the West Indies, whether from the United Kingdom, Europe, Canada, the United States, or South America, are ample, and there are more or less frequent opportunities for getting from island to island by steamer, sloop, or schooner. Unless compelled to do so by the stress of circumstances, tourists will do well to avoid the two latter means of communication, which are uncertain, and often involve considerable discomfort. As a general rule, the only sleeping accommodation on such vessels is in what is called a "dog hutch," a sort of elongated chicken-coop chained to the deck, and generally infested with beetles and other obnoxious insects, though it is only fair to add that there are notable exceptions. During the tourist season, which extends from the end of November to April, the Royal Mail Steam Packet Company offers an excellent series of special tours throughout the West Indies at reduced rates, and special arrangements for tourists from Canada and America are made by the same Company, the United Fruit Company, the Quebec Steamship Company, the White Star Line, the Norddeutscher Lloyd Company, and the Hamburg-American Line. A list of the principal shipping companies whose steamers visit the West Indies, together with particulars regarding their itineraries and the fares charged, is given herewith. For convenience the various companies are numbered, and the

following table will help the reader to ascertain which companies serve the various islands and countries :

	FROM UNITED KINGDOM.	FROM EUROPE.	FROM CANADA	FROM UNITED STATES.	FROM SOUTH AMERICA.
Antigua . . .	I 7 8	I 8	I 3	I 19	—
Bahamas . . .	—	—	—	22 24	—
Barbados . . .	I 3 5 7 8 9	I 8 II	I 3	I II 19 23 26 28	23 25 26 27 28
Bermuda . . .	—	—	I 3	I 15 19	—
British Guiana . . .	I 4 5 6 7 8 9	I 8 IO II	I 3	I II 14 19	—
British Honduras	5	—	—	2I	—
Cartagena . . .	I 3 5	I II	—	I 2I	—
Colon . . .	I 2 3 5	I IO II	—	I 15 18 2I	—
Cuba . . .	I 9 15	I IO 15	—	I 22 23A 24 24A	27
Curaçao . . .	3 5	II 15	—	II 20	—
Dominica . . .	I 7 8	I 8	I 3	I 19	—
Grenada . . .	I 7	I	I 3	I 14	—
Guadeloupe . . .	—	IO	—	19	—
Haiti . . .	—	IO II 15	—	II 15	—
Isle of Pines . . .	—	—	—	22	—
Jamaica . . .	I 2 3 7 9	I 12A 15	—	I 15 2I	27
La Guaira . . .	I 3 5	I IO II 15	—	I II 15 20	—
Martinique . . .	I	I IO	—	I 19	27
Montserrat . . .	I 7	I	I 3	I	—
Nevis . . .	I	I	—	I	—
Porto Rico . . .	—	IO 15	—	17 20	27
Puerto Colombia	I 3 5	I IO II 15	—	I 15 2I	—
St. Kitts . . .	I 7	I	I 3	I 19	—
St. Lucia . . .	I 7 8	I 8 IO	I 3	I 19	—
St. Thomas . . .	3 8	8 15	—	19	—
St. Vincent . . .	I 7	I	I 3	I	—
Santa Cruz . . .	—	—	—	19	—
Santa Marta . . .	2 3	2	—	2I	—
Santo Domingo . . .	—	IO 15	—	16	—
Tobago . . .	I	I	—	I	—
Trinidad . . .	I 3 5 7 8 9	I 8 IO II 12	I 3	I II 14	25 27 28
Turks Islands . . .	—	—	—	16	—

From England (Southampton). (1) *The Royal Mail Steam Packet Company* (London, 18 Moorgate Street, E.C., and 32 Cockspur Street, S.W. ; Canada, Messrs. Pickford and Black Ltd., Halifax, N.S. ; the United States, New York, Messrs. Sanderson and Sons, 22 State Street). The transatlantic steamers of this company (under contract with the Imperial and Colonial Governments) leave Southampton on alternate Wednesdays for the West Indies and New York, calling at Cherbourg, the Azores (in summer only), Barbados, Trinidad, Puerto Colombia, Cartagena, Colon, Jamaica, and Cuba (Antilla). Leaving New York on alternate Saturdays,

From England—continued

the steamers touch at the same ports on the homeward journey. Trinidad is the junction for intercolonial steamers, and passengers and mails are transhipped there for Georgetown (British Guiana), Tobago, Grenada, St. Vincent, St. Lucia, Dominica, Montserrat, Antigua, Nevis, and St. Kitts, and also for La Guaira, Pampatar (Margarita), and Carupano. The ordinary fares are as under :

TO OR FROM SOUTHAMPTON OR CHERBOURG.	SINGLE TICKETS.		RETURN TICKETS.	
	First Class.	Second Cabin.	First Class.	Second Cabin.
Azores (St. Michael's) .	£ 10	£ 7	£ —	£ —
Antigua	25	20	40	30
Barbados	24	18	38	27
British Guiana	25	20	40	30
Colon	30	20	45	30
Cartagena	30	20	45	30
Cuba (Antilla)	30	20	45	30
Dominica	25	20	40	30
Grenada	25	20	40	30
Jamaica	30	20	45	30
New York.	35	25	60	40
Montserrat	25	20	40	30
Nevis	25	20	40	30
St. Kitts	25	20	40	30
St. Lucia	25	20	40	30
St. Vincent	25	20	40	30
Pto. Colombia	30	20	45	30
Tobago	25	20	40	30
Trinidad	25	20	40	30

Servants, $\frac{2}{3}$ first-class fare (in servants' accommodation only).

Besides the above-mentioned intercolonial steamers there are smaller vessels plying (a) round Dominica, (b) between Dominica, Martinique, and St. Lucia, (c) round Jamaica, (d) round St. Lucia, (e) round Trinidad and between Trinidad and Tobago, and (f) round Grenada. The Company arranges a series of independent tours from England and New York at very moderate prices.

The Company also maintains a regular weekly service

From England—*continued*

between New York and Bermuda. *Fares*: from \$18.75 single and \$25.00 return. The Ocean Yachting Steamer *Arcadian* (twin screw, 8939 tons) is also employed for special cruises from New York to Bermuda in January, February, and March.

The Company also conducts a service between St. John, N.B., and Halifax, N.S., and the British West Indian islands and British Guiana (*see* No. 13, *page* 20).

Fleet: West Indian transatlantic steamers: *Essequibo*, 8500 tons; *Ebro*, 8500 tons; *Oruba*, 5971 tons; *Danube*, 5885 tons; *Tagus*, 5545 tons; and *Trent*, 5525 tons. Intercolonial steamers: *Balantia* (twin screw), 2379 tons; *Berbice* (twin screw), 2379 tons. Coasting steamers: *Barima*, 1500 tons; *Belize*, 1500 tons; *Jamaica*, 1138 tons; *Yare*, 299 tons; *Taff*, 229 tons; *Teign*, 229 tons; and *Towey*, 229 tons. Bermuda route: *Arcadian*, 8939 tons, and *Caribbean*, 5824 tons.

The Hamburg-American Line (*see page* 22).

(**Bristol and Liverpool.**) (2) *Elders and Fyffes Ltd.* (31 Bow Street, London, W.C.). Steamers sail frequently and at regular intervals from Avonmouth, Bristol, to Kingston (Jamaica), Port Limon (Costa Rica) and Colon (Panama); from Liverpool to Santa Marta (Colombia); and from Rotterdam to Santa Marta, the round trip in each case taking five weeks. The boats have been specially built for the West Indian banana trade. The first six vessels of the fleet (*see below*) can take 65 passengers each; but the others have accommodation for 12 only. In conjunction with the United Fruit Company, facilities are given for passengers proceeding to Barrios, Bocas del Toro, and other Central American ports. *Fares*: Kingston, £20 and £35, Port Limon and Santa Marta, £25 and 45.

Fleet: *Changuinola*, 6000 tons; *Motagua*, 6000 tons; *Patuca*, 6100 tons; *Bayano*, 5948 tons; *Patia*, 5911 tons; *Chagres*, 5288 tons; *Aracataca*, 4400 tons; *Manzanaves*, 4400 tons; *Tortuguero*, 4161 tons; *Reventazon*, 4041 tons; *Barranca*, 4115 tons; *Chirripo*, 4041 tons; *Manistee*, 3869 tons; *Pacuare*, 3891 tons; *Nicoya*, 3911 tons; *Matina*, 3870 tons; *Miami*, 3762 tons; and *Zent*, 3890 tons.

From England—continued

(Dartmouth.) *The Direct Line of Steamers (see below).*

(Liverpool.) (3) *Frederick Leyland and Co. Ltd.* (27 James Street, Liverpool). Regular sailings from Liverpool to Barbados, Trinidad, La Guaira, Puerto Cabello, Curaçao, Port Limon, Santa Marta and Cartagena; also to St. Thomas, Puerto Colombia, Colon, and Kingston (Jamaica), Puerto Mexico, Vera Cruz, Tampico, and Progreso. *Fares:* Barbados and Trinidad, £17 10s.; Kingston, £20; St. Thomas, £16; Venezuela, Colombia, Colon, and Mexico, £20 per adult, including train fare London to Liverpool.

(4) *The "Booker" Line* (Booker Bros., McConnell and Co. Ltd., 77 The Albany, Liverpool). First-class cargo steamers of this line sail from Liverpool to Demerara (British Guiana) direct every three weeks. They have accommodation for a limited number of cabin passengers.

(5) *The Harrison Line* (Richard Bulman and Co., of Mersey Chambers, Liverpool). Cargo steamers from Liverpool to Barbados, and thence to Trinidad, Demerara, La Guaira, Puerto Cabello and Curaçao. Also from Liverpool to Puerto Colombia, thence to Cartagena, Colon (Panama), Belize, Stann Creek, Puerto Barrios and Livingston. *Fares:* Barbados and Trinidad, £17 10s.; Belize, £25.

Elders and Fyffes Ltd. (see page 16).

(London.) (6) *The Demerara and Berbice Steamship Co. Ltd.* (William Smith and Co., of 86 Leadenhall Street, London, E.C.), London to Demerara and Surinam. *Fares:* to Demerara, £17 10s.

(7) *The Direct Line of Steamers* (Scrutton, Sons and Co.; 16 Fenchurch Avenue, London, E.C.; Prentice, Service and Henderson, 175 West George Street, Glasgow). Fort-nightly sailings from London and Dartmouth to Barbados, Grenada, Trinidad, and Demerara. *Fares:* £17 10s. Transhipment is effected at Barbados for St. Vincent, St. Lucia, Dominica, &c. Four-weekly sailings to Antigua, St. Kitts, Montserrat, Dominica, St. Lucia, and St. Vincent. *Fares:* £17 10s. Four-weekly sailings to Jamaica (*Fare:* £17 10s.), proceeding to Puerto Mexico, Vera Cruz, and Tampico.

From England—*continued*

(8) *The East Asiatic Company Ltd.* (Copenhagen; London agents, Escombe, McGrath and Co., 3 East India Avenue, E.C.). Steamers leave Copenhagen, Rotterdam, and London every four weeks and proceed direct to St. Thomas (14 days). They then call at Antigua, Dominica, St. Lucia, Barbados, Trinidad, Demerara, and Paramaribo. First-saloon passengers only are carried, and tickets for the round voyage, which occupies about eight weeks, cost £38. Two new steamers are being built for this service and should be commissioned soon after the publication of this guide.

A fully qualified medical officer and a stewardess are carried on each of the steamers. The cabins are situated amidships on the main and upper decks. *Fares from London*: St. Thomas, single, £17 10s.; return, £33 10s.; Antigua and Dominica, single, £18 10s.; return, £35 10s.; Barbados and St. Lucia, single, £19; return, £36; Trinidad and Demerara, single, £20; return, £38.

From Scotland (Glasgow). (9) *The Direct Line of Steamers* (Prentice, Service and Henderson, 175 West George Street, Glasgow; Scrutton, Sons and Co., 16 Fenchurch Avenue, London, E.C.). Three-weekly sailings to Barbados, Trinidad and Demerara. *Fares*: £17 10s.; also calling at, or transshipping at Barbados for other West India Islands; also occasional sailings to Jamaica and Cuba as cargo offers.

From Belgium (Antwerp). *The Hamburg-American Line* (see page 22).

From Denmark (Copenhagen). *The East Asiatic Company Ltd.* (see above).

From France (Bordeaux, Havre, and St. Nazaire). (10) *Compagnie Générale Transatlantique* (Paris, 6 Rue Auber; London, 8 Lloyd's Avenue, E.C.) A steamer leaves St. Nazaire every 28 days, calling at the following ports: Pointe-à-Pitre and Basse-Terre (Guadeloupe), Fort-de-France (Martinique), La Guaira, Puerto Colombia, and Colon. A steamer also leaves Havre, Bordeaux, and Santander every twenty-eight days, calling at Pointe-à-Pitre and Basse-Terre (Guadeloupe), Fort de-France

From France—continued

(Martinique), Trinidad, Carupano, La Guaira, Puerto Colombia, and Colon. A steamer also leaves St. Nazaire on the 21st of each month for Santander, Corunna, Havana (Cuba) and Vera Cruz.

An intercolonial steamer leaves Fort-de-France every twenty-eight days, on the arrival of the transatlantic steamer from St. Nazaire, and touches at St. Lucia, Trinidad, Demerara, Surinam and Cayenne (French Guiana). A steamer leaves Havre and Bordeaux every twenty-eight days for San Juan (Porto Rico), Puerto Plata, Cape Haitien and Port au Prince (Haiti).

Fares : London to Trinidad *via* Southampton and Havre : First cabin, £32 to £40. Elsewhere according to route.

Fleet : *Espagne*, 11,926 tons ; *La Champagne*, 7299 tons ; *La Navarre*, 6,983 tons ; *Guadeloupe*, 7166 tons ; *Pérou*, 7163 tons ; *Haiti*, 6600 tons ; *Puerto Rico*, 6600 tons ; and *Ile de Cuba*, 11,000 tons.

(**Cherbourg.**) *The Royal Mail Steam Packet Company* (see page 14).

(**Havre.**) *Compagnie Générale Transatlantique* (see page 21) and *The Hamburg-American Line* (see page 22).

(**Marseilles.**) "*La Veloce*" *Navigazione Italiana a Vapore* (see page 20).

From Germany (Hamburg). *The Hamburg-American Line* (see page 22).

From Holland (Amsterdam). (11) *Koninklijke West-Indische Mail Dienst* (The Royal Dutch West India Mail, de Ruyterkade 125, Amsterdam), under contract with the Netherlands Government for the conveyance of mails. *Line A.* Steamers sail from Amsterdam every fortnight, the ports of call being Paramaribo (Dutch Guiana), Georgetown (Demerara), Trinidad, Venezuelan ports, Curaçao, the principal Haitian ports, New York, and *vice versa*. *Line B.* Steamers sail from Amsterdam and Rotterdam every three weeks, calling at Barbados, La Guaira, Curaçao, Puerto Colombia, Cartagena and Colon, and back *via* Cartagena, Puerto Colombia, Curaçao, Puerto Cabello, La Guaira, Trinidad, Havre to Amsterdam. Cargo-boats till 1915 ; then passenger steamers.) *Line C.*

From Holland (Amsterdam)—*continued*

Steamers also leave New York every fortnight for Paramaribo (Dutch Guiana), calling *en route* at Barbados, Port of Spain (Trinidad), and Georgetown (British Guiana), and returning *via* Trinidad to New York.

Fleet : *Jan van Nassau*, 3350 tons ; *Lodewyk van Nassau*, 3350 tons ; *Commewÿne*, 2486 tons ; *Nickerie*, 2478 tons ; *Prins der Nederlanden*, 2207 tons ; *Prins Frederik Hendrik*, 2164 tons ; *Prins Maurits*, 2121 tons ; *Prins Willem I.*, 2121 tons ; *Oranje Nassau*, 3721 tons, and *Prins Willem V.*, 2108 tons.

(**Rotterdam.**) *The East Asiatic Company Ltd.* (see page 18) and *Elders and Fyffes Ltd.* (see page 16).

(12a) *De Algemeene Stoomvaartmaatschappij* (Managers, Wambersie and Zoon, Rotterdam). Fortnightly sailings between Rotterdam and Jamaica, and *vice versa*. Each steamer has first class accommodation for thirty passengers. The cabins are situated amidships on the main and upper-decks. Also a suite of very comfortable state rooms is obtainable. A fully qualified medical officer and a stewardess are carried on each of the ships.

From Italy and Spain (Genoa and Barcelona). (12) "*La Veloce*" *Navigazione Italiana a Vapore* (Genoa, Italy, Via Balbi No. 6). Trinidad can be reached from Genoa, Marseilles, and Barcelona by this line every month. Fares from Genoa, 1st class, from 700 frcs. (£28) ; 2nd class, from 550 frcs. (£22) ; 3rd class, 210 frcs. (£8 8s.).

From Spain (Santander). *Compagnie Générale Transatlantique* (see page 18), "*La Veloce*" (see above), and *The Hamburg American-Line* (see page 22).

From Canada (St. John, New Brunswick, and Halifax, Nova Scotia). (13) *The Royal Mail Steam Packet Company* (Agents: Halifax, N.S., Pickford and Black Limited). The steamers of this company under contract with the Government of the Dominion of Canada sail from St. John, New Brunswick, and Halifax, Nova Scotia, every fourteen days on the following routes alternately : (a) Bermuda, St. Kitts, Antigua, Montserrat, Dominica, St. Lucia, St.

From Canada—continued

Vincent, Barbados, Grenada and Trinidad, and returning from Georgetown to St. John, calling at Trinidad, Grenada, Barbados, Antigua, St. Kitts and Bermuda. (b) Bermuda, St. Kitts, Antigua, Barbados, Grenada and Trinidad, and returning from Georgetown, calling at the following islands : Trinidad, Barbados, St. Vincent, St. Lucia, Dominica, Montserrat, Antigua, St. Kitts and Bermuda.

Children under twelve, half rate ; under eight, quarter fare, one child under three, free. First-cabin passengers are allowed 20 cubic feet of baggage, second 15 cubic feet of baggage, third 10 cubic feet free, excess being charged for at 1s. per cubic foot.

Halifax, N.S.	1st Class Single.	1st Class Return.	2nd Class Single.	2nd Class Return.	3rd Class Single.
	\$	\$	\$	\$	\$
Antigua . . .	50	80	35	60	25
Barbados . . .	55	85	40	65	30
Bermuda . . .	30	50	25	40	15
Demerara . . .	70	100	50	75	40
Dominica . . .	55	85	40	65	30
Grenada . . .	60	90	45	70	35
Montserrat . . .	55	85	40	65	30
St. Kitts . . .	50	80	35	60	25
St. Lucia . . .	55	85	40	65	30
St. Vincent . . .	55	85	40	65	30
Trinidad . . .	60	90	45	70	35

The steamers on this service are : *Caraquet*, 4890 tons ; *Chaudière*, 3985 tons ; *Chaleur*, 4747 tons ; *Chignecto*, 4745 tons.

Transfers can be made in connection with this service at Trinidad to Main Line Steamers to New York and Southampton, and for North and South Pacific Ports, *via* Colon and Panama.

From the United States (New York). *The Royal Mail Steam Packet Company* (see page 14).

(14) *The Trinidad Line of Steamers* (The Trinidad Shipping and Trading Co. Ltd., 29 Broadway, New York ; Rich-

From the United States (New York)—*continued*

mond Street, Trinidad; Head Office, 175 West George Street, Glasgow). The vessels of this line, which have excellent accommodation for travellers, leave New York every ten days for Grenada and Trinidad, and *vice versa*. *Fares*: single, \$55 (£11 9s. 2d.); return, \$100 (£20 16s. 8d.). The passage occupies about eight days. From October to January the service is extended to Demerara. *Fare*: single, \$70 (£14 11s. 8d.); return, \$135 (£28 2s. 6d.). Steamers: *Matura*, 6600 tons; *Mayaro*, 5800 tons; and *Maracas*, 4000 tons.

(15) *The Hamburg-American Line* (Atlas Line Service, London, 15-16 Cockspur Street, S.W.; New York, 41-45 Broadway; Hamburg). A steamer of this company leaves New York every Saturday for Jamaica, direct, arriving at Kingston on the following Friday, and a steamer leaves Kingston for New York every Thursday evening. *Fares*: single £9 to £15; return, £17 2s. to £28 10s. During the winter months, beginning in December, a special steamer runs between New York and Jamaica fortnightly, leaving New York on Wednesday and Jamaica on Tuesday. *Fares*: first-class cabin, £9 and upwards. Through tickets are issued from London *via* Southampton, in connection with the company's transatlantic service. Besides the Jamaica route, a special service is maintained by this line between New York and all Haitian ports, leaving New York every Thursday, with connections to Savanilla, &c.; also four times a month to Colon and monthly to Guatemala. Steamers of the Hamburg-American Line leave Hamburg *via* Havre and Southampton, twice a month, for Santander, Corunna, and Havana, Cuba, arriving at the latter port in seventeen days. This service is at present served by the s.s. *Fürst Bismarck*, *Kronprinzessin Cecilie*, *Ypiranga* and *Corcovado*, vessels each over 8000 tons. Intermediate steamers proceed from Hamburg *via* Antwerp, Spanish ports and the Canary Islands to Havana (Cuba) and Mexico. The company also maintains regular sailings from Europe to Porto Rico, Santo Domingo, Haiti, Jamaica, Venezuela, Curaçao, Puerto Colombia, Port Limon, and Porto Barrios. Cargo steamers leave Hamburg twice a month for St

From the United States (New York)—*continued*

Thomas and Havana, Cuba. *Fares*: £20. Children over twelve full fare; from two to twelve, half fare, and under two years free. These steamers give a convenient opportunity for travelling between St. Thomas and Havana. The steamers on this service are *Syria* and *St. Jan.* During the winter months the twin-screw steamer *Victoria Luise*, 16,500 tons, and others make a series of cruises to the West Indies, Spanish Main, Colon, and Bermuda.

(16) *Clyde Steamship Company.* (Santo Domingo Line, 11 Broadway, New York). Steamers leave Pier 34, Brooklyn, New York, three times a month (approximately 10th, 20th and 30th) for Grand Turk (Turks Islands) and Monte Cristi, Puerto Plata, Sanchez, Samana, Macoris, La Romana, Santo Domingo City and Azua in Santo Domingo. *Fares*: to Grand Turk, \$35, and to Santo Dominican ports, \$40 to \$70. Round-trip tickets are issued in either direction at twice the single fare less 5 per cent., the return portion being available for six months from date of issue. Special cruise, 23 days, all expenses, \$120.

Fleet: *Algonquin*, 4780 tons; *Seminole*, 4447 tons, and *Iroquois*, 6060 tons displacement.

(17) *The New York and Porto Rico Steamship Company* (New York, 11 Broadway; London, Ben. Ackerley and Son, 10 Fenchurch Street, E.C.). Steamers leave Pier 35, Brooklyn, New York, at 12 noon every Saturday, for San Juan, Porto Rico (Pier No. 1)—1380 miles—which is reached in five days. They call at Ponce two days later, and Mayagüez two days later again. The steamers leave San Juan on the return voyage every Wednesday at 5 P.M. *Fares*: First cabin, \$45 up; second cabin, \$25 to \$30. Rate for entire cruise, including every expense on the trip down and return and while aboard the steamer and on the island, touching at the three ports, first cabin, \$110 to \$120. A direct service is maintained between New Orleans and Porto Rico by the s.s. *Ponce*.

Passenger Fleet: *Brazos*, 10,000 tons; *Carolina*, 8000 tons; *Coamo*, 8000 tons; *San Juan*, 6000 tons; *Ponce*, 6000 tons; *Ramos*, 1500 tons.

(18) *The Panama Rail Road Steamship Line* (New York,

From the United States (New York)—*continued*

24 State Street). Steamers leave Piers 52 and 67, North River (foot of Gansevoort Street and West 27th Street respectively) every five days, for Cristobal (Colon).

Fares: To Cristobal, cabin \$75.00; Round trip, \$100.00.

Fleet: *Ancon*, 10,000 tons; *Cristobal*, 10,000 tons; *Colon*, 6000 tons; *Panama*, 6000 tons; *Allianca*, 4500 tons, and *Advance*, 3000 tons.

(19) *The Quebec Steamship Company Ltd.* (A. E. Outerbridge and Co., 29 Broadway, New York). Steamers sail every fourteen days from New York to St. Thomas, St. Croix, St. Kitts, Antigua, Guadeloupe, Dominica, Martinique, St. Lucia, Barbados, and Demerara. The voyage from New York to the first port takes about six days, and the length of time spent at each of the islands is about six or eight hours. After discharging cargo the steamer usually proceeds to the next port at night, so that tourists have an opportunity of going ashore during the daytime. The length of time required to make the round trip from New York to Demerara and back is almost thirty days, the steamers calling off the islands on the voyage north in passing, whether by day or at night, to pick up mails and passengers and freight. The rate of passage from New York to any island is \$50 (£10 8s. 4d.), \$55 (£11 9s. 2d.), and \$60 (£12 10s.), according to the accommodation, and to Demerara, \$70 (£14 11s. 8d.). For some special deck cabins there is an extra charge of \$5 (£1 0s. 10d.). The *S.S. Bermudian*, leaves New York for Bermuda every Wednesday at 10 A.M. and returns every Saturday. Return tickets are double the above rates. *Fleet*: *Guiana*, 3600 tons; *Parima*, 3000 tons; *Korona*, 3000 tons, and *Bermudian*, 10,518 tons.

(20) *The Red "D" Line* (New York: Bliss, Dallet and Company, 82 Wall Street). Steamers leave New York weekly. In one week they visit San Juan (Porto Rico), Curaçao, La Guaira, and Puerto Cabello, and in the next, Mayagüez (Porto Rico), La Guaira and Curaçao. The company also maintains a service between Curaçao and Maracaibo. *Fares*: San Juan and Mayagüez, \$35

From the United States (New York)—*continued*

(£7 5s. 10d.) ; Curaçao, \$60 (£12 10s.) ; La Guaira, \$60 (£12 10s.) ; Puerto Cabello, \$65 (£13 10s. 10d.).

Fleet : Caracas, Philadelphia, Zulia and Maracaibo.

(21) *The United Fruit Company* (Head Office, 131 State Street, Boston, Mass., U.S.A.). New steamers of this line sail from New York (Pier 16 East River), every Wednesday, 12 noon, for Kingston, Jamaica, proceeding from there to Colon (Panama), Cartagena, Puerto Colombia, and Santa Marta (Colombia) ; every Saturday at mid-day for Kingston (Jamaica), Colon (Panama), and Port Limon (Costa Rica) ; and every Thursday at 3 P.M. for Santiago (Cuba), and Belize (British Honduras). Steamers leave New Orleans every Thursday at 11 A.M. for Belize, and Boston every Thursday for Havana and Port Limon. *First-class Fares* : New York and Kingston, \$45 one way, \$85.50 round trip ; New York and Belize, \$45 ; New Orleans and Havana, \$25 ; New Orleans and Belize, \$25 ; and Boston and Havana, \$45. Special summer excursion rates : between New York and Kingston, round trip, \$75. Frequent sailings between Port Antonio, Jamaica, and Annotto Bay, Port Maria, Oracabessa, Rio Nuevo, St. Ann's Bay, Runaway Bay, Dry Harbour, Rio Bueno, Falmouth, Montego Bay, Lucea, and Green Island. European Traffic Agent, A. J. Shepherd, 9 New Broad Street, London, E.C.

Fleet : New York—Jamaica Service : *Almirante*, 5000 tons ; *Santa Marta*, 5000 tons ; *Metapan*, 5000 tons ; *Zacapa*, 5000 tons ; *Sixaola*, 5000 tons ; *Carrillo*, 5000 tons ; *Tivives*, 5000 tons ; and *Pastores*, *Calamares* and *Tenadores*, each 8800 tons : New York—Santiago and Belize : *Suriname* and *Saramacca* each 3284 tons.

(22) *The Ward Line* (New York and Cuba Mail Steamship Company ; New York, Pier 14, East River). Steamers leave New York (Pier 14) every other Friday at 3 P.M. for Nassau, Bahamas (4 days), Guantanamo, Cuba (7 days) and Santiago, Cuba (8 days), returning from Santiago on the following Tuesday week and Nassau on Friday and reaching New York on Monday ; on every Saturday at 1 P.M. for Havana, Cuba (4 days), returning on Saturday, reaching New York on Tuesday ; and on every Thursday at 1 P.M.

From the United States (New York)—*continued*

for Havana (4 days), Progreso (6 days) and Vera Cruz (8 days), returning from Vera Cruz on Thursday, Havana on Tuesday, and reaching New York on Friday. *Fares*: from New York to Nassau, first cabin \$25 to \$45, second cabin \$15; to Havana, first cabin \$45, second cabin \$15; from Nassau to Havana or *vice versa*, first cabin \$25.

Fleet—Nassau and Cuba service: *Vigilancia*, 6400 tons; *Seguranca*, 6400 tons. Cuba service: *Saratoga*, 10,112; *Havana*, 10,112 tons. Cuban and Mexican service: *Esperanza*, 7500 tons; *Mexico*, 9685 tons; *Monterey*, 7500 tons; *Morro Castle*, 9500 tons.

Connections are made at Havana with the United Railways of Havana to Batabano, Cuba, and at Batabano with the Isle of Pines SS. Co. for Nueva Gerona, Isle of Pines. The Isle of Pines steamers leave Batabano on Wednesday and Friday on arrival of train leaving Central Station of the United Railways of Havana in Havana at 6 P.M. *Fare*: first class, including stateroom on steamers, Havana to Isle of Pines, \$7.60.

(23a) *The Munson Steamship Line*. Steamers sail several times every month from Pier 9, East River, at 12 noon, for Nipe Bay and other Cuban Ports. *Fare*: \$35.00.

(23) *The Booth Steamship Company Ltd.* (Head Office: Tower Building, Liverpool; London Office: 11 Aldelphi Terrace, Strand; New York: Booth and Co., 17 Battery Place; Barbados: Laurie and Co. Ltd.). Passenger steamers of the Booth Line sail from New York on or about the 7th and 17th of each month for Pará and Manáos, *via* Barbados, and *vice versa*, leaving Manáos about the 7th and 17th of each month. *Fares*: New York-Barbados, \$55 single, \$110 return; Pará-Barbados, \$40 single, \$70 return; Manáos-Barbados \$60 single, \$105 return.

Koninklijke West-Indische Mail Dienst (see page 19).

(New Orleans.) (24a) *Southern Pacific Atlantic Steamship Lines*. Steamers leave New Orleans for Havana every Saturday at 11 A.M. and Havana for New Orleans every Saturday at 2 P.M. *Fare*: \$25.00, or round trip \$45.00.

The United Fruit Company (see page 25).

(Key West and Miami, Florida.) (24) *The Peninsular and Occidental Steamship Company* (Jacksonville, Florida). From the first week in January to the first week in April a steamer plies weekly between Miami, Florida, and Nassau, Bahamas. *Fares* : single \$15 ; round trip \$26. *Steamer* : *Miami*.

A steamer leaves Key West daily (Sunday excepted) at 9 A.M., reaching Havana at 5.30 P.M. There is also a daily service in the opposite direction, the steamer leaving Havana at 10 A.M. and reaching Key West at 6.30 P.M. The company also conducts a service between Port Tampa and Havana.

From South America (Brazil). *The Booth Steamship Company Ltd.* (see page 26).

(25) *Lampart and Holt Line* (Liverpool, Royal Liver Building ; New York, Busk and Daniels). Steamers call at Barbados and Trinidad fortnightly *en route* from the Argentine and Brazil to New York. The steamers *Vestris*, 9800 tons, and *Vandyck*, 9800 tons, call at Barbados on their south-bound voyage.

(26) *Lloyd Brazileiro* (Corrientes 394, Buenos Ayres). Steamers of this line ply between New York and Brazil, sailing every four weeks, and calling at Barbados *en route*.

(27) *The Houston Line* (10 Dale Street, Liverpool). Steamers call at Trinidad, Barbados, Martinique, Ponce, San Juan, Jamaica, Cienfuegos, Havana, Matanzas and Cardenas on voyage from River Plate to Boston and New York.

(28) *The Prince Line* (Milburn House, Newcastle-on-Tyne ; Paul F. Gerhard and Co., 8-10 Bridge Street, New York). Steamers of this line call at Barbados and Trinidad fortnightly on their voyage between Brazil and New York.

From India (Calcutta). **(29)** *The Nourse Line* (James Nourse Ltd., London, 71 King William Street ; Calcutta, 5 Commercial Buildings). Steamers of the Nourse Line leave Calcutta with emigrants and cargo on or about the 27th of each month for the principal West Indian ports. Accommodation is provided for passengers between Trinidad and other West Indian islands, also between the West Indies and Calcutta.

CHAPTER III

GENERAL INFORMATION

(concluded)

Outfit : Passports : The Voyage : Time : Table of
Distances : Customs : Telegrams : Postal facilities :
Population : Religion : Freemasonry : Language : The
Laundry : Books

OUTFIT. There is no need to buy an elaborate outfit for a visit to the West Indies. It should be borne in mind that the less luggage that is taken the better it is for the temper. Where much land travelling is contemplated, substantial leather suit-cases and portmanteaux are best. They can be kept in good condition and insect-proof by periodical applications of brown boot polish. A capacious canvas sack, with a padlock fastening, into which surplus effects can be dumped at the last minute, is the greatest convenience, and a fold-up cabin "tidy" with pouches for the various articles of the toilet is almost indispensable. A few cakes of sea-water soap are a comfort. Should the steamer be the base of operations of the tourist, steel or stout leather cabin trunks are recommended, the most convenient size being 36 in. long, 20 in. wide, and 14 in. deep. For storing outer clothing there is nothing better than tin uniform cases known as "canisters" in the West Indies, where they find great favour in the "bush." The same clothes should be taken as would be worn in a hot summer in England. Merino or some similar fabric should invariably be worn next the skin, and linen suits, which are provocative of chills, avoided. Flannel next the body is conducive to that irritating complaint known as "prickly heat" and other skin troubles. Warm clothing must not

be doffed too soon at sea, and on no account should it be sent home, as it is essential for the homeward voyage. For men, thin flannel or light tweed suits, breeches, and gaiters, and thin dress clothes, canvas shirts, with merino or silk underwear and pyjamas, are most suitable. Thick merino socks or stockings are best, as they prevent the feet becoming chilled when wet or damp.

Ladies should take their usual thin summer dresses, but shun openwork blouses, which are a source of great attraction to mosquitoes, and, owing to the action of the sun, give the wearer the appearance of being tattooed when she appears in evening dress. Dresses and parasols made of glacé silk and chiffon taffeta should also be left at home, as they suffer in the tropics. Ladies are strongly advised to provide themselves with articles of pongee or of soft washing silk and also with sun veils of brown gauze or fine chiffon. They would be well advised too to lay in a supply of good cold cream, lotions, toilet soap, &c., before sailing. Citronella oil lightly applied to the face and hands will be found wonderfully effective in warding off the attacks of mosquitoes. Hats should be shady and of as light weight as possible, and ladies should always wear wool or silk next the skin. They should also provide light wraps for protection against chills in the evenings, and heavier ones for travelling by sea. For night attire a material called India Gauze, a mixture of silk and wool, is recommended, being soft and light and affording just the necessary protection from chills, against which it is particularly necessary to guard, no bed clothing to speak of being provided. Silk stockings are preferable to cotton, and two pairs of the former worn at the same time are said to be impervious to mosquitoes. Sequin dresses should not be taken, as the sequins yield to the great heat and become sticky. A large sun umbrella should be carried in the sun, and, as it is often necessary to start for long day excursions before dawn, when the temperature is, comparatively speaking, low, a loose flannel coat or wrap is indispensable. A thin silk tea-gown and an ordinary evening dress should also form part of the outfit. Tourists will be well advised not to make themselves too conspicuous with puggarees and similar eccentricities

as cabmen and boatmen naturally consider those who do so to be fair game, and deal with them accordingly. Teraï hats may be taken with advantage, but other kinds of sun hats are best purchased locally. They should, if possible, have red linings, as these mitigate the harmful effects of the actinic or chemical rays of the sun. Blue spectacles are a comfort in Barbados, where the glare from the coral roads is very trying. A waterproof cape will be found convenient, but in ordering it care should be taken to mention that it is for use in the tropics, as beetles have a predilection for inferior caoutchouc. Kid and patent leather should be avoided for footwear for the same reason. Deck chairs can nowadays generally be hired aboard the steamers (R.M.S.P. Co., 4s. for the voyage), but to ensure complete comfort it is better for the traveller to take his or her own. A photographic camera should certainly be included among the impedimenta of the tour. Owing to the remarkable rarity of the atmosphere, surprisingly good results can be obtained with a hand camera ; but to secure the best it is desirable for those who do not develop their own negatives to send back the exposed films in tin cases sealed with sticking plaster for development at home, and to arrange for a fresh supply of films or plates to be sent out to them every fortnight. It is in this way that the most successful results are secured, though films and plates can be obtained and developed in the larger islands and British Guiana. Golf clubs should be taken by those tourists who contemplate a stay of any duration in the Bahamas, Bermuda, Barbados, British Guiana, Trinidad, Jamaica, Antigua, St. Vincent, Cuba, or Porto Rico, and also tennis racquets. For deep-sea fishing, special tackle may be taken, and also a gun for sport in those islands where it can be enjoyed.

PASSPORTS. Passports are not required in the British West Indies, but they are necessary in Haiti and Santo Domingo, and travellers in Cuba, Porto Rico, and the French, Danish, and Dutch West Indies are advised to carry them to save inconvenience when evidence of identity or nationality is required. This applies also to countries on the Spanish Main. Applications for passports should be addressed to "The Passport Department, Foreign Office,

London, S.W.," and must reach there before 5 P.M. on the day prior to that on which the passport is to be issued. The charge for a passport is 2s., and copies of the regulations are obtainable from the Foreign Office on application. In America applications for passports should be addressed to the Passport Bureau, State Department, Washington.

THE VOYAGE. The delights of a sea voyage have often been described, and no visitor to the Caribbean who commits his impressions to paper on his return fails to expatiate regarding the familiar scenes and amusements on ship-board, such as the daily "sweep" on the run of the ship, the parade of the crew on Sunday, the fiddles on the tables in rough weather, leading inevitably to reference to the concerts, the fancy balls, and so on, which make the eleven days between Southampton and Barbados, the ten days between Avonmouth and Jamaica, and the shorter journeys between Canada and the United States and the West Indies pass so pleasantly for the traveller who takes Kingsley's advice, and towards his fellow passengers is

To their faults a little blind ;
And to their virtues very kind.

The itinerary of the Royal Mail Steam Packet Company is subject to variation, but at present the vessels of this line leave Southampton punctually at midday. A special train from Waterloo runs alongside the steamer at Southampton Docks, which are reached in two hours. In an incredibly short space of time passengers, luggage, and mails are aboard, and the steamer is slipping down Southampton Water, passing Netley on the left, or port side, as it should now be called. On turning into the Solent, past Calshot Castle (right), Cowes, the famous yachting headquarters in the Isle of Wight, is seen, and then in succession Yarmouth, Totland Bay, Alum Bay, and the Needles to the left, with Hurst Castle standing out on a spit of sand to the right. The pilot is dropped off the Needles, and the steamer proceeds to Cherbourg, where passengers are embarked that evening, and thence to the Azores, where the first call is made during several months of the year. Occasionally, however, a stop is made at Vigo, whose magnificent bay

has been the scene of many naval engagements. The town was assaulted and burnt by the English under Drake and Norris in 1589; and, on October 22, 1702, the combined English and Dutch fleets attacked the French and Spanish in the port. Several men-of-war and galleons were taken and many destroyed, and an abundance of plate and other valuable effects fell into the hands of the conquerors. Vigo was taken by Lord Cobham in 1719, but relinquished. It was again captured by the British in 1809, but was restored to its former owners. From Cherbourg then, or Vigo, the transatlantic voyage begins.

Two days out the cold winds begin to lose their sting, and on the third there is felt an appreciable change in the climate, which becomes sensibly milder, even if the weather is stormy.

After four days, the romantic group of islands known as the Azores is reached. These Western Islands, as they are also called, belong to Portugal, from which they are distant 800 miles, and are supposed to be the site of the ancient Atlantis. They were discovered in the fifteenth century by Van der Berg, of Bruges, and by 1457 the whole of the islands were discovered, and the name Azores given to them from the number of goshawks (Port. *Açor*) found on them. From 1580 to 1640 they were subject to Spain. The islands must always have a peculiar interest for Englishmen as being the scene of the memorable engagement between the Spanish and British fleets on August 30, 1591, when the redoubtable deeds of valour were performed by Sir Richard Grenville, whose ship the *Revenge* engaged eight great Spanish galleons for twelve hours, and was boarded three times :

And the sun went down, and the stars came out far over the
summer sea,
But never a moment ceased the fight of the one and the fifty-
three.
Ship after ship, the whole night long, their high-built galleons
came,
Ship after ship, the whole night long, with her battle thunder
and flame.

Here it was that Sir Richard, shot through the body and

through the head, having been carried by the stately Spanish men to their flagship, said :

I have fought for Queen and Faith like a valiant man and true ; . . .
With a joyful spirit I Sir Richard Grenville die.

The Azores consist of three distinct groups of islands, which are connected by wireless telegraphy. To the south-east are St. Michael's and Sta. Maria ; in the centre, Fayal, Pico, São Jorge, Terceira, and Graciosa, and to the north-west, Flores and Corvo. The most important trade centre is **Ponta Delgada** (the sharp point), the capital of St. Michael's, the principal island. This town, which for size ranks third amongst the cities of Portugal, has an excellent harbour and a population of 20,000.

The boat-fare to the shore is 1s. and the steamers usually wait in port for a sufficiently long time to enable passengers to take one of the following drives, which are recommended : (1) To Pico do Salomao or Pico do Lima, from both of which eminences there are good views. (2) To the Caldeiras da Ribeira Grande and Lombadas, a three hours' drive to a valley containing thermal springs and a small bathing establishment. Thence a good path for donkey riding winds through picturesque scenery to Lombadas. (3) To Lake Fogo, which can be reached on foot from the carriage road by those making the circular drive to Villa Franca and Ribeira Grande. Excursions are also recommended (when time permits) to Sete Cidades. Passengers drive by a pleasant route which occupies two hours to Lomba la Cruz, whence a bridle path leads in three-quarters of an hour to the summit of the Crater (donkeys can be hired). Also to Povocao, whence the ascent to Furnas can be made by carriage or donkey in about two hours.

The best hotels in Ponta Delgada are Brown's Hotel, at the back of the town, and Acoriano Hotel, near the landing-stage.

After passing the Azores, awnings are put out, and the first touch of the tropics begins to make itself felt ; cooler garments are donned, and the officers of the ship appear in white suits. The Roaring Forties, as the seas between

latitudes 40° and 50° are called, are by no means so formidable as they are supposed to be, and need inspire no apprehension. Soon the **Sargasso Sea** is entered, and tourists will note, probably for the first time, the remarkable Gulf weed, which floats in a vast eddy or central pool of the Atlantic between the Gulf Stream and the equatorial current. It was on entering this sea that the crew of Columbus' ships very nearly mutinied, believing that the vessels had reached land, and were on the verge of running on the rocks, though really the ocean is here fully four miles deep. The origin of the weed is not known, but the mass was once presumably attached to rocks, though it is now propagated as it floats on the surface. In colour it is yellow, and it supports fish, crabs, cuttlefish, zoophytes, and molluscs, but owing to the pace of the ship it is not easy to get any satisfactory specimens of it on board. Whales are now occasionally sighted, and the flying fish become a constant source of interest. With the sun glinting on their silvery wings, they look like dragon-flies as they leap round the bows of the ship. That they actually fly cannot be denied, but their flight appears to be like that of the now old-fashioned "glider" flying-machine, requiring some considerable impetus to give it a start; and this is soon expended. The fish forces its way through the water, and, rising from it, is carried forward and skims the surface, gaining momentum each time it touches the waves. The size of the fish is that of a small herring; and there are always many old travellers who will tell one how they have seen them fly on board the ship, though really this can only occur on sailing ships whose gunwale is near the water—as described by Jeaffreson in 1676 (*see page 36*)—unless, perhaps, the fish with unerring aim flies gaily through the port-hole.

The first sight of the island of Barbados is, as a rule, obtained overnight, when the Ragged Point light is seen blinking on the starboard bow, and Carlisle Bay is generally reached in the early morning, as the sun rises over a scene of considerable animation. The novelty of the surroundings will never be forgotten. A string of lighters emerges from the harbour and bears down upon the steamer to land

or tranship baggage. Boatmen jostle each other about the gangways, while woolly-haired diving boys of every shade of colour paddle about in rude home-made boats soliciting coins, which they retrieve from the water with remarkable skill and agility. Some of the more daring of the boys will, for a piece of silver, dive under the steamer and come up the other side.

The steamers of Elders and Fyffes Ltd., which have succeeded those of the subsidised Imperial Direct West India Mail Service, now proceed to Jamaica direct, reaching Kingston in from ten to eleven days.

The voyage from Canada or the United States is naturally a much shorter one. Though one sometimes feels the heat far more in New York than in the West Indies, the change of climate is as a rule far more sudden by this route than when one follows the advice of the old sea-captain and steams "south till the butter melts and then due west." From Canada St. Kitts is reached in eight days; and from the United States to the Bahamas is a run of three days only, and to Jamaica one of four days. The route usually followed from northern ports to Jamaica is past Watling's Island and through the Crooked Island and Windward Passages (*see* map). Steamers for the Lesser Antilles keep well out in the Atlantic. If the steamer arrives at Jamaica, as she generally does, at dawn, it well repays one to be on deck very early to see the sun rise over the glorious Blue Mountains, putting to shame the blinking light of the lighthouse at Plum Point.

The difference of a voyage under modern conditions from one in the old days has often been emphasised, and tourists who are lucky enough to be able to obtain copies of Monk Lewis' "Journal" or Jeaffreson's "Young Squire of the Seventeenth Century" may sit in comfort in their deck chairs as the steamer forges her way along at a speed of from fifteen to nineteen knots and read of the discomforts with which their forbears had to put up. Jeaffreson took leave of his friends at Billingsgate, was rowed down to Gravesend on February 16, 1675-6, and went aboard the "*Jacob and Mary*, a vessell of about a hundred and fifty tunns, 14 or 16 gunns, and a square stearne." This was

on Thursday, and on Sunday she anchored in the Downs, "where we went ashore; but the wind in two or three dayes promessing faire," she proceeded on her way, only to put in at Plymouth on the following Saturday, the 26th, "the windes being contrary," and compelling them to ride at anchor for "tenne dayes." On March 6, "the winde comeing about to the north-east," they "again hoisted sayle and stood out to sea. . . . The tenth day it blew hard which made a verry rough and hollow sea, which raked us fore and aft, breakeing sometymes over our quarter; in which great seas, our shipp's crew concluded, that our little leakie companion" (a small vessel which had been keeping up with them), "was buried." Off the islands called "the deserts," a sail was sighted which "we doubted was a Turke"; and "made us putt ourselves in a posture of defence, and the next morning, findeing that he had chased us all night . . . we prepared all things for a fight, and continued in that posture all the day and night." On arriving at Madeira they were "verry neare losing our shippe, the master being unacquainted, and comeing too boldely in near the shoar, in a daingerous place." On Tuesday, the 18th, they crossed the Tropic of Cancer, and were much diverted by the flying fish, "which, though common at sea, may be a subject of wonder to such as are home-bred . . . they fly in whole shoales, but not very farre, for no sooner are their wings dry, but they drop into their element, the water. It is usual for them to fly into the shippes. We had one or two come on board our vessell." On Monday, May 8th, the island of Deseada was sighted, "which was a welcome sight to us, who were forced to keepe the pump goeing night and day, by reason of a dangerous leake we had sprung at sea, which we could not finde, and which increasing would have soone beene too much for us, if bad weather had kept us at sea." The vessel did not finally reach Nevis until Sunday, May 21, and from thence Mr. Jeaffreson sailed in a "shalloope, and with my goods and servants arrived that night at St. Christopher's," more than three months after his departure from London! Nowadays the conditions are very different, and the voyage seems over all too soon.

THE TIME. For those who are making their first voyage the table of watches on board ship, which is given below, will be useful.

At the conclusion of each half-hour of the watch the ship's bell is sounded; once for the first half-hour, twice for the second, and so on, until "eight bells" is sounded. The two short dog watches were arranged to make the total number of watches seven and so obviate the two companies into which the crew is divided being on the same watch on successive nights.

The sun rises over London some four or five hours before it rises over the West Indies, and so, going west,

MIDDLE WATCH.	FORENOON WATCH.	1ST DOG WATCH.
Midnight 8 bells.	8.0 A.M. 8 bells.	4.0 P.M. 8 bells.
12.30 A.M. 1 "	8.30 " 1 "	4.30 " 1 "
1.0 " 2 "	9.0 " 2 "	5.0 " 2 "
1.30 " 3 "	9.30 " 3 "	5.30 " 3 "
2.0 " 4 "	10.0 " 4 "	6.0 " 4 "
2.30 " 5 "	10.30 " 5 "	
3.0 " 6 "	11.0 " 6 "	2ND DOG WATCH.
3.30 " 7 "	11.30 " 7 "	6.30 P.M. 1 bells.
4.0 " 8 "	Noon 8 "	7.0 " 2 "
		7.30 " 3 "
		8.0 " 8 "
MORNING WATCH.	AFTERNOON WATCH.	EVENING WATCH.
4.0 A.M. 8 bells.	Noon . 8 bells.	8.0 P.M. 8 bells.
4.30 " 1 "	12.30 P.M. 1 "	8.30 " 1 "
5.0 " 2 "	1.0 " 2 "	9.0 " 2 "
5.30 " 3 "	1.30 " 3 "	9.30 " 3 "
6.0 " 4 "	2.0 " 4 "	10.0 " 4 "
6.30 " 5 "	2.30 " 5 "	10.30 " 5 "
7.0 " 6 "	3.0 " 6 "	11.0 " 6 "
7.30 " 7 "	3.30 " 7 "	11.30 " 7 "
8.0 " 8 "	4.0 " 8 "	Midnight 8 "

the hands of the clock have to be put back every day, while on the eastern voyage they are put forward. The time is checked at midday from the position of the sun by means of the sextant. When the weather is too cloudy for observations the position of the ship is defined by what is called "dead reckoning," that is to say, a calculation

based on the distance traversed since the last reckoning was made. The actual difference of solar time in the West Indies compared with that in London is given below ; but since 1911 standard time has been adopted in the British West Indies. In the Lesser Antilles this is 4 hours, in the Bahamas and Jamaica 5 hours, and in British Honduras 6 hours slow of Greenwich. Thus when it is noon in London it is 8 A.M. in Barbados and 7 A.M. in Jamaica.

Barbados	3 hrs. 58 min. 29 sec. earlier.
Demerara	3 " 54 " — "
Jamaica	5 hrs. 6 min. — earlier.
St. Thomas	4 " 19 " 43 "
Trinidad	4 " 6 " — "

The difference of time as compared with that of New York may be gauged from the fact that the time in New York is 4 hrs. 56 min. and 2 secs. earlier than that of London.

TABLES OF DISTANCES. In the following tables the distances in miles on several of the principal steamer routes are given.

TRANSATLANTIC MAIL ROUTE

Southampton

84	Cherbourg									
3713	3629	Barbados								
3916	3832	203	Trinidad							
4781	4697	1068	865	Puerto Colombia						
4863	4779	1150	947	82	Cartagena					
5144	5060	1431	1228	363	281	Colon				
5704	5620	1991	1788	923	841	560	Jamaica			
6049	5965	2336	2133	1268	1186	905	345	Cuba		
7279	7195	3566	3363	2498	2416	2135	1575	1230	New York	

INTERCOLONIAL MAIL ROUTE

Trinidad

96	Grenada										
173	77	St. Vincent									
233	137	60	St. Lucia								
316	220	143	83	Dominica							
425	329	252	192	109	Montserrat						
462	366	289	229	146	37	Antigua					
511	415	338	278	195	86	49	Nevis				
522	426	349	289	206	97	60	11	St. Kitts			

CANADIAN MAIL ROUTE

BAHAMAS AND PORTO RICO

St. John, N.B.

283 | Halifax

1043 | 760 | Bermuda

1968 | 1685 | 925 | St. Kitts

For distances beyond St. Kitts see
tables on preceding page

New York

967 | Bahamas

Florida

187 | Bahamas

New York

1380 | Porto Rico

LA GUAIRA, DEMERARA AND BERMUDA ROUTES

Trinidad

105 | Carupano

145 | 40 | Pampatar

351 | 246 | 206 | La Guaira

Trinidad

360 | Demerara

New York

700 | Bermuda

CUSTOMS. Personal baggage is exempt from duty in the West Indies, and the customs officials in British Guiana, British Honduras, and all the islands, whatever their nationality may be, are courteous and considerate. There is unfortunately a remarkable absence of uniformity about the customs' duties, each island having its own tariff, which includes specific duties on certain articles, and a general *ad valorem* duty—that is to say, a duty of a certain fixed sum per £100 value—with an extensive free list. In 1913 a preferential tariff in favour of Great Britain and Canada was introduced in the British West Indies with the exception of Jamaica and the Bahamas, to meet the requirements of a reciprocal trade agreement with the Dominion. Under this agreement a certain number of articles if imported from Great Britain or Canada enjoy a preference of 20 per cent. in the British West Indian islands (the Bahamas and Jamaica excepted) and in British Guiana. There is, however, no need to give the tariffs, as genuine tourists are not troubled by the customs authorities, and the regulations are by no means so strict as they are at the most lax Custom House on the Continent. Such articles as tobacco, in any quantity, and also spirits in bulk, are dutiable; but excellent cigars can be got in the West Indies, and the spirits are best left behind.

TELEGRAMS. British Guiana, and every West Indian island of importance, with the exception of Nevis, Mont-

serrat, the Virgin Islands, and Tobago, are in telegraphic communication with the outside world by the cables of the West India and Panama Telegraph Company Ltd. (Spencer House, South Place, London), and the Direct West India Cable Company Ltd. (33 Old Broad Street, London), the last-named having a cable between Bermuda, Turks Islands, and Jamaica working in conjunction with a cable between Halifax, N.S., and Bermuda. And systems of wireless have been established at New Providence in the Bahamas ; Bridgetown, Barbados ; Port of Spain, Trinidad ; Scarborough, Tobago ; and Georgetown, British Guiana. Between Grenada and Carriacou, and Antigua and Montserrat, communication is maintained by means of the heliograph. Telegrams by Direct West India Cable Company should be marked on the address "*via* Bermuda," for which additional words no charge is made. This Company has a wireless station at Bowden, Jamaica. Arrangements have been made by the Imperial Government and the Governments of Canada and the West Indian Colonies for the reduction of charges to a uniform rate of 2s. 6d. per word between the United Kingdom and the British West Indies, and 1s. 6d. between Canada and the British West Indies, and also for the reduction of inter-colonial rates. Deferred messages are accepted at half rates.

POSTAL FACILITIES. There is mail communication with the United Kingdom fortnightly by the steamers of the Royal Mail Steam Packet Company, and in the case of Jamaica by those of Elders and Fyffes Ltd. There are also frequent opportunities for posting by private ships, letters in this case being marked "per s.s. ——" or "per first opportunity" ; but as a general rule it is best to adhere to the regular mail steamers. The prepaid rate of postage on letters from the United Kingdom to the British West Indies, and *vice versa*, is 1d. per oz., and to foreign possessions 2½d. for the first ounce and 1½d. for each extra ounce or fraction thereof. On postcards the rate is 1d. each, and on papers ½d. per 2 oz., whatever the destination may be. The left-hand half of the address side of postcards as well as the back may be used for written communications. With Canada and the United States there is also frequent mail communication.

Express Letters and C.O.D. Service. In Bermuda, the Bahamas, British Honduras, Barbados, Grenada, St. Vincent, and Trinidad, letters are accepted for express delivery in the United Kingdom, the full fee of 3*d.* being collected from the addressee; but if express delivery is required to be made from the G.P.O. or from the head district office in London at an address outside the ordinary delivery of such office, or beyond a distance of one mile from the local post office in the provinces, the charge is 3*d.* per mile. Parcels from the same places will be delivered express in the United Kingdom within the usual limits of ordinary parcel delivery for a special fee of 5*d.* prepaid. A "Cash on Delivery" or C.O.D. postal service recently established between the principal islands and the United Kingdom has proved a great convenience.

Parcel Post. The rates for Parcel Post from the United Kingdom to Bermuda and the British West Indies are:

			Limit of Size.	
Not exceeding	Length, Breadth, or Depth.		Length and Girth combined.	
3 lb. 7 lb. 11 lb.	3½ ft.		6 ft.	
1 <i>s.</i> 2 <i>s.</i> 3 <i>s.</i>				

To foreign possessions the rates are:

			Limit of Size.	
Not exceeding			Length, Breadth, or Depth.	Length and Girth combined.
3 lb. 7 lb. 11 lb.				
Cuba	2 <i>s.</i> 2 <i>d.</i>	2 <i>s.</i> 11 <i>d.</i> 3 <i>s.</i> 3 <i>d.</i>	2 ft.	4 ft.
Guadeloupe or } Martinique }	2 <i>s.</i> 2 <i>d.</i>	2 <i>s.</i> 6 <i>d.</i> 2 <i>s.</i> 10 <i>d.</i>	2 ft.	4 ft.
St. Thomas, &c.	2 <i>s.</i>	3 <i>s.</i> 4 <i>s.</i>	3½ ft.	6 ft.

Parcels are subject to customs regulations, and an accurate statement of the nature and value of the contents and other particulars has to be made.

Money Orders. Money Orders may be sent to the British, Danish and Dutch West Indies, and also to Cuba and Porto Rico, payment in the latter case being advised through New York and paid in dollars and cents (£1 = \$4 87 cents). The poundage fees range from 3*d.* for sums not exceeding £1 to 5*s.* 3*d.* for sums over £38 but not exceeding £40. The limit transmissible is £40 to the British, Danish and Dutch West Indies, and £20 to Cuba and Porto Rico. Orders must be taken out a full day before the departure of the mail. When, however, application is made too late, the advice can be telegraphed for 6*d.*, with supplementary fee of 6*d.* for each order.

Postal Orders. British Postal Orders are now issued and paid in Barbados, British Guiana, British Honduras, Grenada,

St. Vincent, St. Lucia, Jamaica, Tobago, Trinidad, the Leeward Islands, and Turks and Caicos Islands. The poundage varies from $\frac{1}{2}d.$ for an order for $6d.$ to $1\frac{1}{2}d.$ for one for 21s.

POPULATION. The population of the West Indies, taken as a whole, is of a very cosmopolitan character, including as it does Negroes, East Indians, Chinese, Corsicans, and Portuguese; besides the English, Spanish, French, Dutch, and Danish colonists and their descendants, and latterly, too, Americans. The larger islands—Cuba, Santo Domingo, and Jamaica—appear to have been inhabited at the time of their discovery by a gentle and timid race, the Arouagues or Arawaks, while the smaller islands were peopled by the Charaibes or Caribs, who arrived from unknown parts in fleets of canoes. The Arawaks were soon exterminated; but the Caribs were for very many years a source of trouble. Even now there are many families of pure-blooded Caribs in Dominica and a few also in St. Vincent, where nearly all the remaining people of this race in the island lost their lives during the eruption of the Soufrière in 1902. Happily the Caribs have now lost their warlike propensities, and are desirable members of the communities of which they form part. In British Guiana there are still many aboriginal Indians, including the Arawaks, the Macusis, the Arecunas, and the Ackawois. Soon after the European occupation of the islands the want of labour began to be felt severely, and the system of slavery, which was inaugurated by the Portuguese as early as 1481, was adopted by Spain for the West Indies, the first slaves being imported by the Spaniards to work in the mines of Hispaniola before the year 1503. The monopoly of the slave trade was given by Charles V to a Flemish courtier in 1517, from whom it passed to Genoese merchants, and then to the Portuguese. Sir John Hawkins began slave trading in 1562, and Sir Francis Drake followed in 1568. At the end of the sixteenth century the Dutch took up the trade, and in 1662 and 1672 English "African Companies" were formed to introduce slaves. In 1688 the African slave trade was thrown open to all British subjects, and at the end of the seventeenth century 25,000 negroes were annually imported in British ships into the British colonies. In 1713 the English obtained

the famous Assiento or contract to supply Spanish America with slaves. The South Sea Company who got it were pledged to pay duty for every slave imported by them into the Spanish West Indies and it was arranged that the King of Spain should receive one fourth of the net gains. This monopoly did not pay, and a claim for £68,000 preferred against the English Company by the King of Spain in 1739 led to war, and though, by the treaty of Aix-la-Chapelle in 1748, the agreement was renewed for four years, it was finally annulled in 1750 on the payment by Spain of £100,000 as compensation.

The agitation against the slave trade began in earnest towards the latter part of the eighteenth century, the first motion against it being made in the British Parliament in 1776. The Society for the Suppression of the Slave Trade was founded in 1787, and in the succeeding years an active campaign was carried on by Wilberforce, Clarkson, and others, with the result that in 1807, at the instance of Lord Grenville, the Act was passed for the abolition of the trade. Slavery still continued ; but in 1834 this too was abolished. By the famous Act which received the Royal assent on August 28, 1833, it was decided that all the slaves in the British colonies were to become free on August 1, 1834, but were to be apprenticed to their former owners until 1838, and in the case of agricultural labourers until 1840 ; while £20,000,000 was voted as compensation to the slave owners at the Cape, in Mauritius, and in the West Indies, the proportion allotted to the latter colonies being £16,640,000, a figure which fell short of the value of the slaves as appraised by the Commissioners by £26,460,000. The capital invested in land, cultivation, buildings, and machinery upon the estates on which slaves were located could not have been less than £80,000,000. Antigua and also Bermuda dispensed with the apprenticeship system altogether, and it was in no case continued after 1838. Slavery was abolished in the French colonies in 1848, in the Dutch West Indies in 1863, in Porto Rico in 1873, and in St. Thomas in 1876. The slaves were gradually emancipated in Cuba by an Act of the Spanish Senate of December 24, 1879, which took effect on February 18, 1880, and the

total abolition of slavery in that island was brought about by a decree dated October 6, 1886.

After the total abolition of slavery in the British colonies, the question of labour once again became acute, and efforts were made to supply the deficiency with free labourers from Havana, St. Helena, Rio, and Sierra Leone, but they were not permanently satisfactory. In 1838 East Indian immigration, which began in the preceding year, was prohibited. But the ban was removed in 1845 when the introduction of East Indians to British Guiana and Trinidad under indenture was begun. It has continued annually—with the exception of 1849–50—ever since, under the control of the Home and Indian Governments. Similar immigration to Jamaica began in 1845, and to St. Lucia in 1859; but the introduction of East Indians into the two latter islands has been of an intermittent nature, and the only colonies now receiving them regularly are British Guiana and Trinidad, though Jamaica receives shipments from time to time.

Any visitor particularly interested in this matter should study the immigration ordinances of British Guiana and Trinidad, which were published as a British Blue-book in 1904 [Cd. 1989]. It suffices here to say that the main features of the system are that the East Indians are recruited by Emigration Agents, whose headquarters are at Calcutta. The immigrants are under agreement to serve their employers for five years at a wage of 1s. 1½*d.* per day for able-bodied adults, and 8*d.* per day for those who do not fall under this category. All of those who arrived in the colony before August 5, 1898, are entitled to a return passage to India on payment of one fourth of the passage money in the case of males and one-sixth in the case of females; and, after ten years' residence in the colony, immigrants are entitled to their return passage on paying one-half the fare in the case of males and one-third in the case of females, the balance being paid by the planter. As a matter of fact, the East Indians are so happy and contented in the West Indies that the proportion availing themselves of the return passage is very small, especially since the practice was initiated of giving them land and other privileges in lieu of back

passage, and many of those who *do* return to India soon find their way back to the West Indies again. The ordinances contain elaborate provisions for the welfare of the immigrants, and in the colonies employing East Indians there are Protectors of Immigrants to see that the law is carried out. Surgeon-Major D. W. D. Comins, who was sent by the Indian Government to the West Indies to report on the system, declared in 1893 that "as regards the general arrangements made for Indian immigrants, I have nothing but admiration to express. The system has passed through successive stages of improvement, until it now stands a pattern to all the world of successful and liberal management. Of all the colonies in the West Indies, Trinidad is the favoured home of the coolie settler, where he can easily and rapidly attain comfortable independence and even considerable wealth with corresponding social position." East Indian Immigration was the subject of inquiry by a Committee under the chairmanship of Lord Sanderson in 1909, and those requiring further information on the subject would be well advised to peruse the report (Blue-book [Cd. 5192]), which bears striking testimony to the value of the system.

In 1853, Chinese were introduced into British Guiana and Trinidad, and in 1854 some also arrived in Jamaica. In 1867 their importation was discontinued, owing to the Chinese Government insisting upon a return passage being conceded. Still, another shipload reached British Guiana in 1874. Many Chinese remain in the colony, where they are closely connected with the retail trade.

With regard to the white population, the brief histories of the various colonies which are given on subsequent pages will sufficiently indicate its origin. In the days of slavery each slave owner was compelled to employ a certain number of white servants to serve in the militia, and these men helped to swell the population, while Oliver Cromwell sent out many Irish prisoners, notably to Nevis and Montserrat; and Barbados received a large influx of Royalists at the time of the Commonwealth. Many English gentlemen, Royalist officers and divines, were sent out to the island and sold as slaves, and it is on record that a number changed

hands at a cost of 1500 lb. of sugar per man! Their descendants, known as "mean whites" and "red legs," are still found there. At the close of the American Revolution many loyalists emigrated from America to the West Indies with their slaves. Jamaica and the Bahamas were particularly favoured, and it is estimated that the latter islands gained between 6000 and 7000 inhabitants between June 1783 and April 1785 from this source. Even the ubiquitous Teuton is not omitted from the list of those who have helped to populate the islands, for in 1840 Mr. King imported twenty-nine Germans into St. Lucia, while Syrians are also found in Jamaica and several other islands. They go out at their own expense and become pedlars, many of them amassing considerable sums of money. In Cuba the white population consists mainly of descendants of old Spanish families and immigrants from Spain who still flock to the island. There is also a considerable American population, while in Porto Rico Americans have settled in great numbers in recent years.

In conclusion, a word may be added about the term "Creole," which is often believed by those who have not visited the West Indies to apply to people of coloured descent. This is not the case. A creole is any one actually born in the West Indies. Thus, a child born of white parents in the West Indies is a creole. The term is even applied to animals, and it is by no means unusual to speak of a creole cow or a creole dog, while even agricultural produce is not excluded, and maize grown in a particular island may be referred to as creole corn!

RELIGION. To whatever sect they may belong visitors will find their religious wants fully provided for. Jamaica, Barbados, British Guiana, the Windward Islands and the Leeward Islands are dioceses of the Church of England. In Jamaica the Church of England was established in 1662, but in 1870 a law was passed providing for its gradual disendowment, and it is now practically self supporting, with capital funds amounting to £60,000. The Baptists and Wesleyans are the next sects in importance in order of the size of their congregations. Presbyterians and Moravians

have a large following, while there are also Roman Catholics and Jews in the island. In Barbados the majority of the inhabitants belong to the Church of England, which is endowed from the general revenue. The island is the see of a bishop, in which is included the Windward Islands also. Small Government grants are given to the Wesleyans and Moravians, and also to the Roman Catholics, who are, however, few in number. The Leeward Islands also form the see of a bishop of the Church of England, whose principal followers are in Antigua and St. Kitts, while in Montserrat the inhabitants are largely Anglicans and Wesleyans. In Dominica the inhabitants are principally Roman Catholics, whose bishop resides at Roseau in that island. The inhabitants of the Virgin Islands are mainly Wesleyans. In St. Lucia the Roman Catholics largely predominate, and their church is supported out of the general revenue of the colony. In St. Vincent, where the Church of England was disendowed in 1889, one half of the population are members of the Church of England and one third Wesleyans, while in Grenada one half are Roman Catholics and one third members of the now disestablished Church of England. In Trinidad the Roman Catholics are by far the most numerous sect. The Archbishop of Port of Spain resides in that island.

The hours of holy worship differ in no way from those adopted at home. The churches are well ventilated, and compare favourably in this respect with many in European cities.

FREEMASONRY. Freemasonry is largely practised in the British West Indies, and lodges exist in all the large islands and most of the smaller. In Barbados there is a District Grand Lodge, which has jurisdiction over six Craft Lodges. Mark Masonry is also represented by a District Grand Lodge, controlling three Mark Lodges. The Scotia Lodge has a Royal Arch Chapter attached to it, and there is a Rose Croix Chapter. Scottish Masonry is strongly represented in Trinidad, there being no fewer than four Craft Lodges, under the jurisdiction of the Grand Lodge of Scotland, four Royal Arch Chapters, one Rose Croix Chapter, one Consistory, one Preceptory of Knights

Templar, with a Priory of the Knights of Malta. English Masonry is represented by three Craft Lodges. Freemasonry was dormant in St. Lucia until 1899, when a lodge under the Grand Lodge of England was formed. Grenada has the Lodge St. George, No. 3072 on the register of the Grand Lodge of England. Jamaica possesses, under the English constitution, a District Grand Lodge, with eleven Craft Lodges under its jurisdiction. There is also one Craft Lodge in direct communication with the Grand Lodge of England. English Royal Arch Masonry is also represented by a District Grand Chapter and four Chapters attached to Craft Lodges. One Preceptory of Knights Templar and two Rose Croix Chapters also represent the higher degrees of English Masonry. A Provincial Grand Mark Masons' Lodge governs four Mark Masons' Lodges. In Scottish Masonry there is a District Grand Lodge, five Craft Lodges, one Royal Arch Chapter, and five Mark Lodges. British Guiana possesses a District Grand Lodge under the English constitution, with five Craft Lodges, one Royal Arch Chapter, a Rose Croix Chapter, and a Preceptory of the Knights Templar, with a Priory of the Knights of Malta attached. There is also one Craft Lodge under the Scotch constitution. Antigua has two Craft Lodges under the Grand Lodge of England, one Mark Masons' Lodge, a Rose Croix Chapter, and a Royal Arch Chapter. In St. Kitts there is a Craft Lodge working under the Scotch constitution. There are also lodges in St. Thomas (356), Curaçoa (653), Turks Islands (647), and at Nassau in the Bahamas (443). It will thus be seen that Freemasonry is strongly represented in the West Indies. Much of this masonic spirit may be traced to the military occupation of those islands, while the register numbers of three lodges in Jamaica, 207, 239 and 354, two in Demerara, 247 and 385, and one in Barbados, 196, under the English constitution, show their antiquity. Masonic visitors are, of course, welcomed at these lodges in true masonic spirit.

LANGUAGE. It may seem superfluous to add a paragraph regarding language, but the writer is prompted to do so by the many inquiries he has received from intending

visitors to the West Indies, who seem to think that the islands are peopled by savages speaking unknown tongues. On the contrary, the inhabitants are mostly English-speaking. The mode of speech attributed to them in books, such as "massa" for "Master," &c., does not really adequately describe their style, which owes its piquancy to a drawling and sing-song method of delivery, accentuated to a marked degree in Barbados, where even many of the whites are infected with it. In the islands which have been in the possession of France, such as Dominica and St. Lucia, the negroes speak a rather bewildering French patois, though they understand French. A peculiarity in Montserrat is the Irish brogue which the negroes acquired from the Irish who were sent to the island by Oliver Cromwell. It still remains a marked characteristic of their speech. In the little island of Saba there is a somewhat similar peculiarity of speech, the inhabitants speaking with distinct Somersetshire and Devonshire accents. In Trinidad, French and Spanish are much spoken by the wealthier classes, and of course a knowledge of these languages enhances the pleasure of a visit to Cuba, Porto Rico and the Spanish Main.

THE LAUNDRY. Jane Anne Smith, the buxom black laundress who used to salute passengers on their arrival at Barbados, taking from them their "washing" and selling to them her famous Barbados hot sauce is—alas!—no more; but she has many imitators. Some are good and others exceedingly bad. It behoves tourists therefore to make the closest inquiries before submitting their garments to them. In most of the islands the laundry work is good and the hotels are in touch with the best artistes. In British Guiana the Chinese undertake washing with the usual satisfactory results. They are past masters in the art of cleansing clothes.

BOOKS ON THE WEST INDIES. It adds immensely to the pleasures of travel to know the history of the places visited. The more it is studied beforehand, the more fascinating and enjoyable does the tour become. Many books have been written about the West Indies; but most of the older works are now, unfortunately, out of print. They can, however, generally be seen at the West India

Committee Rooms, the Royal Colonial Institute, or the British Museum. The following list includes the volumes which should prove most useful and interesting to those contemplating a visit to the West Indies.

GENERAL

"Nouveau Voyage aux Iles de l'Amérique." * By Père Labat, 1722.

"The History, Civil and Commercial, of the British Colonies in the West Indies." * By Bryan Edwards, 1793.

"Chronological History of the West Indies." * 3 vols. By Capt. Thomas Southey, 1827.

"A History of the Life and Voyages of Christopher Columbus." * By Washington Irving. London: Cassell and Company Ltd., 1828.

"The West Indies and the Spanish Main." * By Anthony Trollope. London: Chapman and Hall, 1859.

"The Cruise of H.M.S. Bacchante 1879-1882." By Prince Albert Victor and Prince George of Wales. London: Macmillan and Co., 1886.

"The English in the West Indies, or the Bow of Ulysses." * By J. A. Froude. London: Longmans, Green and Co., 1888.

"History of the Buccaneers of America." By J. Esquemeling, 1684. London: Sonnenschein, 1893.

"Down the Islands." * By W. A. Paton. London: Kegan Paul, Trench and Co., 1888.

"The West Indies." * By C. W. Eves. London: Sampson Low and Co. Ltd., 1889 (4th edition, 1897).

"A Historical Geography of the British Colonies. Vol. II. The West Indies." By C. P. Lucas. Oxford: Clarendon Press, 1890 (2nd ed., revised by C. Atchley, I.S.O., 1905).

"In Sugar-Cane Land." * By Eden Phillpotts. London: McClure and Co., 1893.

"The Cradle of the Deep." By Sir Frederick Treves, G.C.V.O. London: Smith Elder, 1908.

"The British West Indies. Their History, Resources and Progress." By Algernon E. Aspinall. London: Sir Isaac Pitman and Sons, 1912.

"West Indian Tales of Old." By Algernon E. Aspinall. London: Duckworth and Co., 1912.

"West Indies and Guiana." Six lectures written for the Visual Instruction Committee of the Colonial Office. By Algernon Aspinall. London, 1914.

"The Colonial Office List." London: Waterlow and Son Ltd. (annual).

"General Information for Intending Settlers." The Emigrants' Information Office, 31 Broadway, Westminster.

* Out of print, but can be seen at various libraries.

BAHAMAS

- "Sketches of Summerland." By G. J. H. Northcroft. 1912.
 "The Land of the Pink Pearl." By L. D. Powles, 1888.

BARBADOS

- "History of Barbados."* By Sir Robert H. Schomburgk. London: 1848.
 "An Account of a West Indian Sanatorium."* By Geo. J. H. Sutton Moxly. London: Sampson Low, Marston and Co., 1886.
 "Cavaliers and Roundheads in Barbados."* By N. Darnell Davis. Georgetown, British Guiana, 1887.
 "Annals of Codrington College." By T. H. Bindley, D.D. London: The West India Committee, 1910.
 "The Barbados Handbook." By E. Goulburn Sinckler. Published by order of the Legislature. London: Duckworth and Co., 1914 (annual).

BERMUDA

- "The Historiye of the Bermudaes or Summer Islands."* Hakluyt Series, 1882.
 "All About Bermuda." By John J. Bushell. Bermuda: *The Colonist* Building, 1911.

BRITISH GUIANA

- "Among the Indians of Guiana."* By E. F. im Thurn. London: Kegan Paul, Trench and Co., 1883.
 "Twenty-five Years in British Guiana."* By Henry Kirke. London: Sampson Low, Marston and Co., 1898.
 "History of British Guiana." By James Rodway, F.L.S. Georgetown, Demerara, 3 vols., 1894.
 "In the Guiana Forest." By James Rodway, F.L.S. London: T. Fisher Unwin, 1894; second edition, 1911.
 "Handbook of British Guiana." By George D. Bayley. London: Dulau and Co., 1909.
 "The British Guiana Handbook." By Alleyne Leechman. Dulau and Co., 1913.
 "Guiana, British, Dutch and French." By James Rodway, F.L.S. London: T. Fisher Unwin, 1912.

BRITISH HONDURAS

- "The Colony of British Honduras, its resources and prospects." By D. Morris. London: Stanford, 1883.

THE CAYMAN ISLANDS

- "Handbook of the Cayman Islands." By George S. S. Hirst, M.B. Jamaica: *Times* Printery, 1910.

* Out of print, but can be seen at various libraries.

JAMAICA

"The History of Jamaica."* By Long. London, 1774.

"The Annals of Jamaica."* By G. W. Bridges. London: John Murray, 1828.

"Studies in Jamaica History." By Frank Cundall, F.S.A. London: Sampson Low, Marston and Co. Ltd., 1900.

"A History of Jamaica." By W. J. Gardner. New edition. London: T. Fisher Unwin, 1909.

"In Jamaica and Cuba." By H. G. de Lisser. Kingston (Jamaica): The Gleaner Co. Ltd.

"The Handbook of Jamaica." London: Stanford (annual).

"Jamaica in 1912: A Handbook of Information for Intending Settlers and Visitors." By Frank Cundall, F.S.A. The Institute of Jamaica. London: H. Sotheran and Co.

"Lady Nugent's Journal." Privately published 1839. New edition edited by F. Cundall. London: A. and C. Black, 1907.

TRINIDAD

"At Last." By Charles Kingsley. London: Macmillan and Co., 1871.

"Trinidad."* By L. A. A. de Verteuil. London: Cassell and Co., 1884 (2nd edition).

"The Sea Fish of Trinidad." By Harry Vincent. Port of Spain, 1910.

"Trinidad and Tobago Year Book." By J. H. Collens. Port of Spain, Trinidad Government Printing Office (annual).

"The Handbook of Trinidad and Tobago." By Lieut.-Col. J. H. Collens, V.D. Port of Spain: Government Printing Office, 1912.

TOBAGO

"A History of Tobago." By H. T. Woodcock, 1867.

"Handbook of Tobago: Hints to Settlers." By Lieut.-Col. J. H. Collens, V.D. Port of Spain: Government Printing Office, 1912.

GRENADA

"The Grenada Handbook, Directory and Almanac." London: Wyman and Sons Ltd. (annual).

ST. LUCIA

"St. Lucia."* By Henry H. Breen. London, 1844.

"Hints to Settlers in St. Lucia." By Edward J. Cameron, C.M.G. Barbados: The Imperial Department of Agriculture, 1911.

ST. VINCENT

"An Historical Account of the Island of St. Vincent."* By Charles Shephard, Esq. London: Ridgway and Sons, 1831.

* Out of print, but can be seen at various libraries.

"The Guide Book to St. Vincent." By Hon. Mrs. Gideon Murray, Kingstown (St. Vincent) 1913. Obtainable at the West India Committee Rooms, London.

"The St. Vincent Handbook, Directory and Almanac." Edited by Robert M. Anderson. Kingstown (St. Vincent): (annual).

ANTIGUA

"Antigua and the Antiguans."* London: Saunders and Otley, 1844.

"History of the Island of Antigua." By V. L. Oliver. London: Mitchell and Hughes, 1894, 1896 and 1899.

DOMINICA

"The History of the Island of Dominica."* By T. Atwood, 1791.

"Dominica, Illustrated and described."* By the Hon. H. A. Alford Nicholls, C.M.G.

"Dominica, a Fertile Island." By F. Sterns Fadelle. Obtainable at the West India Committee Rooms, London.

"Notes on Dominica." By S. Grieve. London: A. and C. Black, 1906.

"Dominica: Hints and Notes to Intending Settlers." By His Honour Douglas Young, C.M.G. Obtainable at the West India Committee Rooms, London.

ST. KITTS

"A Young Squire of the Seventeenth Century."* By J. C. Jeaffreson. London: 1878.

NEVIS

"Natural History of Nevis."* By Rev. William Smith.

VIRGIN ISLANDS

"The Virgin Islands, B.W.I." A Handbook of General Information. 1912. By D. C. Fishlock. Obtainable at the West India Committee Rooms.

CUBA

"Cuba Past and Present." By R. Davey. London: 1898.

"The War in Cuba." By J. B. Atkins. London: 1899.

"The Rough Riders." By Theodore Roosevelt. London: 1899.

PORTO RICO

"Porto Rico: Its Conditions and Possibilities." By W. Dinwiddie. London: 1899.

"Report on the Island of Porto Rico, its Population, &c." By H. K. Carroll. Washington.

HAITI

"Hayti, or the Black Republic." By Spencer St. John. London, 1884. (2nd edition, 1889.)

* Out of print, but can be seen at various libraries.

"Where Black Rules White." By Hesketh Pritchard.
London: 1900.

MARTINIQUE

"Two Years in the French West Indies." By Lafcadio Hearn.
New York and London: Harper and Brothers, 1902.

"M. Pelée and the Tragedy of Martinique." By A. Heilprin.
London, 1902.

PANAMA

"The Panama Canal and its Makers." By Vaughan Cornish,
D.Sc. London: T. Fisher Unwin, 1909.

"Panama: the Canal, the Country, and the People." By
Albert Edwards. New York: Macmillan and Co., 1911.

"Panama and What it Means." By John Foster Fraser.
London: Cassell and Co. Ltd., 1913.

FICTION

"Tom Cringle's Log." By Michael Scott.

"The Cruise of the 'Midge'." By Michael Scott.

"Peter Simple." By Captain Marryat.

"Westward Ho!" By Charles Kingsley.

"The Conqueror." By Gertrude Atherton.

"The Gorgeous Isle." By Gertrude Atherton.

"Gossip of the Caribbees." By W. R. H. Trowbridge.

"The Wooings of Jezebel Pettifer." By Haldane Macfall.
London: Simpkin, Marshall and Co.

CHAPTER IV

THE BERMUDAS

“ *The still vex'd Bermoothes* ”

“ *The Tempest,* ” Shakespeare

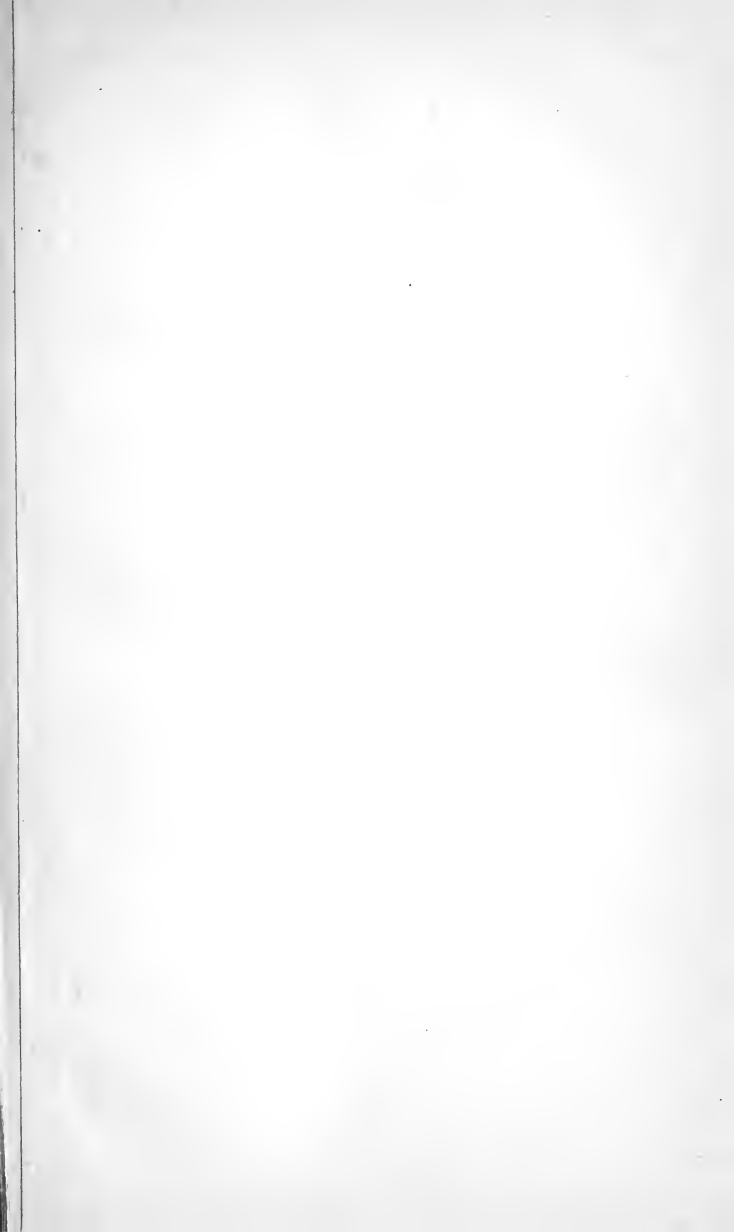
GENERAL ASPECT. The Bermudas or Somers' Islands, more popularly known as Bermuda, are not in the West Indies ; but so many touring steamers visit them on their way to and from the Caribbean Sea that the inclusion of an account of them in the present volume requires no justification. The Bermudas consist of a group of about three hundred small islands lying in the shape of a sickle in the Western Atlantic in latitude $32^{\circ} 15' N.$ and longitude $64^{\circ} 51' W.$, about 580 miles to the east of Cape Hatteras, and 667 miles from New York. They are all of coral formation, and are described in the report on the voyage of H.M.S. *Challenger** as a coral atoll “ situated on the summit of a large cone with a wide base, rising from the submerged plateau of the Atlantic.” Their total estimated area is 19 square miles, or less than one-eighth of that of Rutland. The principal island, generally known as the Main Island, near the centre of which, at the head of a deep inlet, Hamilton the capital is situated, is about 14 miles long and has an average width of about 1 mile. Next to it in importance is St. George's Island at the extreme north-east, with a spacious harbour, on the shore of which St. George, the former capital, stands. The other islands of consequence are : Ireland Island at the north-west, which is entirely given up to the Naval Dock-

* H.M.S. *Challenger* was sent by the British Government on an extended cruise for exploration with a scientific staff, selected by the Royal Society, in December 1872. She returned in 1876.

yard, Boaz and Watford, devoted to military depots and garrison, and Somerset, Smith's, St. David's, Cooper's Nonsuch, Rivers, Ports, and Godets. The entire chain from St. George's to Ireland Island is connected by means of bridges and causeways, for a distance of 22 miles. The Bermudas are almost surrounded by dangerous reefs, the approach to the capital being by a long channel, the entrance to which is called the "Narrows," extending from St. George's Island to Grassy Bay, a sheltered anchorage off Ireland Island. The northern coasts of the islands are much indented; but approach to them is dangerous owing to the presence of many sunken rocks. The islands have no rivers, and though several wells exist the water from them is brackish, and the inhabitants are consequently dependent upon the rainfall for drinking water. The whole chain is comparatively flat, the highest elevation being 245 ft. only. The islands are divided into nine parishes, namely, St. George's, Hamilton, Smith's, Devonshire, Pembroke (in which the capital is situated), Paget, Warwick, Southampton, and Sandys. The total population is 20,000, of which one-third is white, the remainder being coloured.

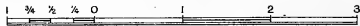
Bermuda is now the headquarters of the West Atlantic Squadron. Until 1904 there were about ten cruisers and other vessels on the North American station, the flag officer of which had the status of a Commander-in-Chief. In the redistribution of that year, most of these ships were withdrawn and their places taken by training ships of the Particular Service Squadron, of which the Commander-in-Chief took charge. In 1907, on a change of flag officers, the new admiral ceased to be a Commander-in-Chief, and the squadron was no longer designated "for Particular Service," while in 1909, it ceased to be associated with the North American station in name, and became simply the Fourth Cruiser Squadron. This was replaced in 1913 by the West Atlantic Squadron.

INDUSTRIES. The early settlers in the Bermudas were planters, and the inhabitants followed agricultural pursuits until the abrogation of the charter of the Somer Islands Company in 1684 (*see* page 59), when they took to trading and piracy. In vessels made of the native cedar, they



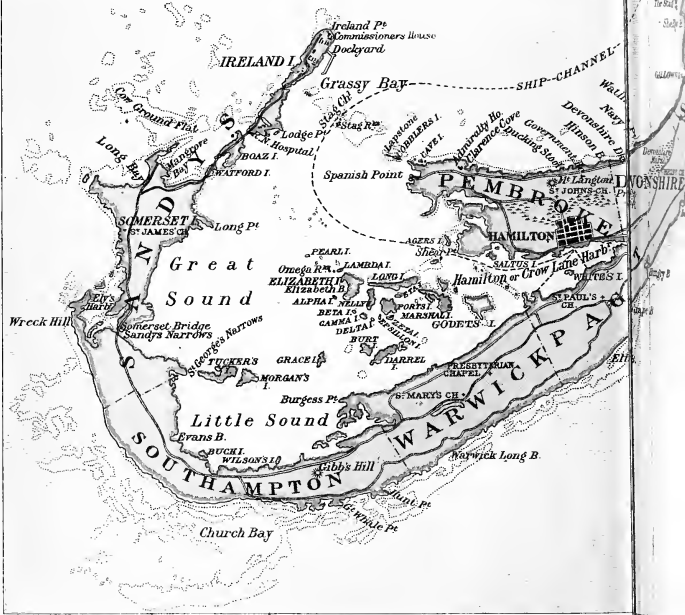
THE BERMUDAS

SCALE OF ENGLISH MILES



A T L A N T I C O C E A N

32°20'
N. Lat.



64° 45' W. of Gr.

Mills Breaker



A T L A N T I C

O C E A N



traded with the West Indies and America, and carried salt fish from Newfoundland to Europe, returning with cargoes of port wine. On occasions, too, they would meet the fleets from India and carry the produce of the East to the West Indies. This industry was, however, practically killed by the advent of steam, and the inhabitants then had to look about for other means of employment. Colonel William Reid, the Governor at this critical period, solved the difficulty to some extent by calling attention to the agricultural possibilities of the Bermudas, and now, though only one-quarter of their area is suitable to cultivation, the islands yield crops of potatoes, onions, tomatoes, and other vegetables which find a ready market in the United States in the months when those products are not in season in America. The Bermudas might indeed be described as the Market Garden of the United States. Within the last twenty or thirty years a lily bulb industry has also been developed with success, thanks to the efforts of General Russell Hastings, and large quantities of the varieties known as *Longiflorum* and *Harrisii* are grown. Only a small quantity of arrowroot, for which the islands are famous, is now exported, and it realises exceptionally high prices in the English Market. Fish of great variety abound in the waters surrounding the islands and form the basis of a profitable local industry. Green and hawksbill turtle are also caught.

The principal exports in the year 1912 were :

Onions	crates	140,000	value	£31,183
Potatoes	barrels	43,891	„	42,281
Lily bulbs	packages	2,735	„	2,245
Arrowroot	cwt.	96	„	628

The direction of trade in the same year was :

	Imports.	Exports.
The United States	£353,599	£111,414
British Colonies	106,366	2,895
The United Kingdom	170,779	2,277

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table, on next page, of the revenue and expenditure and the imports and exports for the past ten years :

Year.	Revenue.	Expenditure.	Imports.	Exports.
	£	£	£	£
1903 .	57,169	55,503	539,688	125,343
1904 .	63,475	61,133	590,000	130,305
1905 .	53,321	65,307	543,222	116,428
1906 .	53,213	69,064	398,176	121,295
1907 .	67,538	59,172	410,596	140,598
1908 .	57,068	53,586	390,522	105,392
1909 .	68,921	67,093	440,648	183,884
1910 .	78,593	68,392	517,074	106,508
1911 .	67,538	59,172	545,540	129,925
1912 .	83,629	78,210	637,178	116,586

CLIMATE. Bermuda is justly famed for its climate, which, though less equable than that of the islands within the tropics, is particularly charming during the winter months, when the temperature ranges between 60° and 70° Fahr. During the greater part of the year the islands are swept by health-giving ocean breezes and, except perhaps in September, the climate is rarely oppressive. The annual rainfall is about 60 inches.

HISTORY. The discovery of the Bermudas is attributed to Juan Bermudez, a Spaniard, who touched there in his ship *La Garza* (the Hawk) in 1515, and gave them their principal name. Ferdinando Camelo, a Portuguese from the Azores, submitted a scheme to the King of Spain in 1527 for colonising the islands, but it proved abortive, and the only evidence that he ever took possession is furnished by his initials and "1543" inscribed on what is now called "Spanish Rock" on the Main Island. In 1593 one Henry May was wrecked in a French ship on the shoals off the Bermudas, and reaching the shore remained there for five months. After that year the islands were often sighted by mariners who called them the "Isles of Devils" in consequence of their evil reputation for storms and hurricanes. The next recorded visitor to them was Sir George Somers, a worthy of Dorsetshire. When on a voyage to the newly formed colony of Virginia in 1609, he was separated from his companions in a terrific storm, and his vessel, the *Sea Venture*, was wedged between two rocks off what is

now St. George's Island and became a total wreck. On July 28 the ship's company managed to land, and they remained on the islands until the following May, when they succeeded in reaching Virginia in ships of their own building. The circumstance that they found the colonists there almost starved prompted Somers to return for supplies to the Bermudas, which he described as "the most plentiful place that I ever came to for fish, hogs, and fowl." Soon after his arrival, however, he died, and while his heart was buried where the town of St. George's now stands, his body was taken to England and interred at Whitchurch in Dorsetshire. The Bermudas were now most favourably spoken of. In 1612, fifty settlers were despatched to them by the Virginia Company, whose charter was extended to include the "Somer Islands" as they were called; and Richard Moore, ship's carpenter, was made first Governor. Three years later, the islands were sold to "the Governor and Company of the City of London for the Plantation of the Somer Islands," and they remained in the possession of that concern until 1684, when it was dissolved in consequence of the complaints of the settlers.

At the beginning of the Commonwealth the Bermudians remained Royalist, and, in company with Barbados, Antigua, and Virginia, the Bermudas were consequently penalised by the Act of the Long Parliament which prohibited trade with those colonies; but in February 1652 the Governor and Council took the oath of allegiance and the ban was removed.

Before passing from the history of the Bermudas the reader may be reminded that the islands were immortalised by Shakespeare, who no doubt derived his inspiration from the opening scenes of "The Tempest," in which he refers to the "still vex'd Bermoothes," from the shipwreck of Sir George Somers, two years previously.

CONSTITUTION. Next to the House of Commons the House of Assembly of Bermuda is the oldest legislative body of the kind in the British Empire. Representative government was introduced into the colony in 1620, or one year only after the Assembly of Virginia—the first in the British colonies—was established.

The Governors have, since 1684, been appointed by the Crown, and the laws are enacted by a local legislature consisting of the Governor, a Legislative Council of nine members, three of whom are official and six unofficial, and a House of Assembly, comprising thirty-six members, four of whom are elected by each of nine parishes. The Governor is assisted by an Executive Council consisting at present of four official and two unofficial members. It is noteworthy that the members of the Executive and Legislative Councils and the House of Assembly are paid 8s. a day for each day's attendance.

Governors since 1902

Lt.-Gen. Sir H. L. Geary, K.C.B.	1902
Lt.-Gen. Sir Robert McG. Stewart, K.C.B.	1904
Lt.-Gen. Joscelyn H. Wodehouse, C.B., C.M.G.	1907
Lt.-Gen. Frederick W. Kitchener, C.B.	1908
Lt.-Gen. Sir George M. Bullock, K.C.B.	1912

HOTELS. Hamilton. The *Hamilton Hotel* on the hill-side above the wharves. Pension \$5 (£1 os. 10d.) and upwards. The *Princess Hotel* at the west end of the town, so called after H.R.H. Princess Louise, who visited Bermuda in 1883, \$5 (£1 os. 10d.) per day and upwards. The *American House*, below the Hamilton, \$3 (12s. 6d.) per day and up. The *Kenwood*, in Reid Street, \$3 (12s. 6d.) and up. The *Imperial Hotel*, \$3 (12s. 6d.) and up. The *Point Pleasant Hotel*, H. C. Outerbridge, \$2.50 (10s. 5d.) to \$3 (12s. 6d.). The *New Windsor Hotel*, on the east side of Queen Street, Rooms, \$1.50 (6s. 3d), Pension \$3 (12s. 6d.) and up. **Warwick East.** *Hotel Belmont.* **Flatt's.** *Hotel Frascati*, \$3 (12s. 6d.) and up. **St. George's.** The *St. George Hotel*, on the Rose Hill property, once owned by Governor Tucker, \$4 (16s. 8d.).

There are also numerous boarding-houses, a list of which is given in the Bermuda Almanack, in various parts of the islands, and private houses can occasionally be rented by visitors making a prolonged stay.

MEANS OF COMMUNICATION. Bermuda is served by the steamship companies numbered 1, 13, 15 and 19 in the list on pages 14 to 27.

An efficient Island Steam Service is maintained daily (Sunday excepted) between Hamilton (shed No. 6) and Mangrove Bay (40 mins.), Boaz (50 mins.), and Ireland Island (40 to 60 mins.). Single fare, 9*d.* (18 cents). There are regular steam ferry services between Hamilton (foot of Queen Street) and Salt Kettle across the harbour daily (including Sundays) [fare, 2*d.* (4 cents) each way ; Sunday, 3*d.* (6 cents.)], and between St. George's (Market Wharf) and St. David's daily (Sunday excepted). There is also a boat ferry service between Hamilton (near shed 6) and Paget West.

Steam launches, steamers, and motor boats can be hired by the day or trip. Sailing boats can be engaged at rates from 4*s.* 2*d.* (\$1) per hour, and rowing boats from 1*s.* (24 cents).

There are several Livery Stables where carriages can be obtained. Single carriages to hold three, 4*s.* 2*d.* (\$1) first hour, 2*s.* 1*d.* (50 cents) per hour after. Double carriages to hold five, 8*s.* 4*d.* (\$2) first hour, 4*s.* 2*d.* (\$1) per hour after. Bicycles can also be hired from 1*s.* 0½*d.* (25 cents) per hour.

The islands have admirable roads covering 109 miles, fifteen of which are under military control. The use of motor-cars in Bermuda is prohibited, a circumstance which adds greatly to the comfort of visitors. The islands are in telegraphic communication with Halifax, N.S., and thence with the United States, Europe, &c., by the cables of the Halifax and Bermudas Cable Company, and with Grand Turk, Jamaica, and the West Indies by the cables of the Direct West India Cable Company. By the former the ordinary message rate to England is only 60 cents (2*s.* 6*d.*) per word, and for plain language messages 30 cents (1*s.* 3*d.*) per word.

SPORTS. The Hamilton Cricket Club, founded in 1891, has a club-house on the Richmond Cricket Ground which was completed in 1907, and welcomes visitors ; the Sandys United Cricket Club was established on Somerset Island in 1901. Lawn-tennis is very popular ; and there are two golf clubs—the Garrison, with links on the North Shore near Prospect, and the Hamilton, with links at Spanish

Point. The roads are excellent for cycling (a cycling map can be obtained at the *Royal Gazette* Stationery Store). For yachtsmen there is the Royal Bermuda Yacht Club, founded by Mr. Samuel Triscot in 1841, with a club-house in Hamilton, and the Hamilton Dinghy Club; while the Bermuda Boat and Canoe Club, with headquarters at Pitt's Bay, also caters for "wet bobs"; the waters round the islands are ideal for motor-boats. The bathing, too, is exceptionally good and safe.

PRINCIPAL SIGHTS. The first land which visitors to Bermuda usually sight is the eastern end of St. George's and St. David's Head on the island of the same name. Some nine miles from the shore is the projecting pinnacle of rock known as **North Rock**, on which a light has now been placed. "It consists," wrote Prince Albert Victor and Prince George of Wales, who visited it in 1880, in "The Cruise of H.M.S. *Bacchante*,"

of three or four jagged brown sandstone teeth, that stand up a dozen or fifteen feet above the water and rise from a widespread and submerged stone plateau in the midst of the northern reefs.

On approaching the islands, steamers enter "**The Narrows**," a buoyed ship-channel round the eastern end of St. George's, and proceed along the north coast of the islands inside the dangerous coral reefs and shoals to Grassy Bay, a secure anchorage off Ireland Island. The reef to the right on entering "The Narrows" is **Sea Venture Flat**, on which Sir George Somers was wrecked in 1609. It was near the north-east corner of St. George's that Sir Thomas Gates built the *Deliverance* which, with the *Patience* built by Sir George Somers on Main Island, carried the company of the *Sea Venture* (see page 59) to Virginia. On the hill side the barracks of part of the Imperial Garrison are seen. After rounding St. Catherine Point, on which Fort Catherine stands, Murray Anchorage is reached. The islands passed in succession are St. George's, at the extremity of which is a Martello tower erected in 1822, the tiny Coney Island—which widely differs from its namesake near New York and has on it a curious tower in which salt raked in Turks Islands used to be stored for transshipment—and Long or

the Main Island. Flatt's Village is soon clearly discerned with North village just beyond. Behind it is Mount Langton, the residence of the Governor, and a little beyond is Admiralty House on Clarence Hill. Looking south, as the steamer lies at anchor in **Grassy Bay**, Ireland Island is seen on the starboard or right-hand side, with its dock-yard and naval establishment over which floats the White Ensign, which since the institution of the West Atlantic Squadron will be seen more frequently in Bermudian and West Indian waters. Next to it are Boaz and Waftord Islands, with Somerset Island and the Main Island beyond. The highest point which strikes the eye is Gibbs Hill, rising 245 ft. above the sea and surmounted by a steel lighthouse. To a visitor from northern climes the scene is full of novelty and it would be difficult to describe adequately its charm. The islands are covered with a mantle of vivid green grass, while the surrounding sea, on the other hand, is a deep cobalt blue which shows up the brilliant yellow Gulf weed that floats on the surface. Pinnacles and motor launches flit here and there, and yachts spread their sails to receive the almost constant breeze. The water is so clear in these favoured regions that rocks, which are really fathoms below the surface, can be seen so distinctly that they appear to be quite near.

From Grassy Bay steamers pass along the narrow Stags and Two Rock channels in a south-easterly direction to the land-locked harbour, on the north side of which stands **Hamilton** (population 2627), the capital of the Bermudas. Hamilton, which owes its name to Henry Hamilton, Governor when it was incorporated in 1790, succeeded St. George's as the seat of Government in 1815. It is a picturesque town of white houses laid out on a rectangular plan on gently rising ground. The principal shops or stores and merchants' warehouses are in **Front Street**, which runs parallel with the wharves, and in Queen Street which leads to the Hamilton Hotel. Turning to the right along Front Street on landing at the wharf one comes to a square, green with many trees, among which is a cedar planted by Prince Alfred, afterwards Duke of Edinburgh, the uncle of our present King, when he visited Bermuda in 1862.

A monument in the square perpetuates the memory of William Reid, Governor from 1839 to 1846, who was the first to call attention to the agricultural possibilities of the Bermudas. It is inscribed :

Erected

A.D. MDCCCLXI

By authority of the legislature in grateful remembrance of the public services and private worth of Major-Genl. Sir William Reid, K.C.B., Governor of Bermuda from 1839 to 1846.

On the north side of the square stand the **Public Buildings** erected in 1839, which contain, besides the Council Chamber and usual Government offices, the **Public Library** (open 10 to 3 except on Sundays or holidays) and a small Museum.

Behind the Public Buildings stand the **Post Office** (open daily—Sundays and holidays excepted—from 8 A.M. to 6 P.M. in summer and from 8 A.M. to 5 P.M. in winter), and the **Sessions House**, erected in 1817, the upper part of which is devoted to the House of Assembly and the lower to the Courts of Justice. The Clock Tower, now lighted by electricity, was erected to commemorate Queen Victoria's first Jubilee in 1887, the work being completed in 1893.

Passing from the wharves up Burnaby Street, the first cross-road is Reid Street, so-called after Governor Reid, in which are situated the **Masonic Hall** and the **Post Office** (both to the right). Proceeding farther up Burnaby Street, we come to Church Street, in which are the Cathedral (to the right) and the Hamilton Hotel (to the left). The **Cathedral**, which is dedicated to the Holy Trinity and has a seating capacity of 1200, replaces a building destroyed by fire in 1884. The chancel was consecrated on May 11, 1911, by Bishop Jones. It is a handsome edifice built of native limestone faced with Caen stone for the doors and windows. The tower (144 feet high) is partly built of Nova Scotia free-stone. The total cost was about \$60,000.

The foundation stone of the palatial **Hamilton Hotel** was laid with full masonic honours by Captain Charles Elliott, R.N., the then Governor of Bermuda, in August 1852, but the hotel was not opened until 1863. Since that year it has received many additions, and it may now be con-

sidered one of the best and finest hotels in this part of the world. Opposite the hotel is the **Mechanics' Hall**, built in 1850 to house the Bermuda Mechanics' Beneficial Association. On the left-hand side of Queen Street are the grounds of Par la Ville, in which there is a famous rubber tree. In the former residence is the **Museum** of the Bermuda Natural History Society (open 10 A.M. to 4 P.M., Sundays excepted).

The north end of Burnaby Street is called **Cedar Avenue**, a delightfully shady walk skirting one side of **Victoria Park**, an ornamental garden containing many beautiful flowering shrubs and trees, besides a somewhat conventional bandstand erected to commemorate Queen Victoria's Jubilee, which was formally opened in 1890.

A continuation of the road leads to **St. John's**, the Parish Church of Pembroke Parish. In it lie the remains of Bishop Field and Sir Robert Laffan, Governor from 1877 to 1882, whose name survives in "Laffan's Plain," Aldershot.

Mount Langton, the Governor's residence (about 1 mile from the wharf), is reached by way of Burnaby Street and Cedar Avenue. The present building, which was designed by Messrs. Hay and Henderson, of Edinburgh, was begun in 1886 and completed in 1892. The property received its name from an estate in Berwickshire owned by Sir James Cockburn, Governor of Bermuda from 1814 to 1819. Here the representative of the sovereign dispenses hospitality, and many enjoyable "At Homes" are held in the charming grounds which were purchased by the Government in 1814.

Clarence Hill (4 miles from the wharf), the residence of the senior officer on the West Atlantic station, is no less favourably situated. It stands about $1\frac{1}{2}$ miles to the west of Mount Langton. The property was purchased by the colony in 1816 for £2000 and presented to the Crown. The grounds, though divided by the Spanish Joint road, are connected by a tunnel cut in the limestone rock. A slope leads to Clarence Cove or Abbot's Bay where there is a delightful bathing-place.

The small island in Hamilton Harbour known as **White's Island** (5 minutes' row by boat) is much frequented on

account of the excellent bathing to be had there. The island is private property and there is a small fee for bathers.

On **Agar's Island**, near Hamilton, is the exceedingly interesting Aquarium of the Bermuda Natural History Society, located in an old powder magazine, which well deserves a visit. The island can be reached by steamer (1s. there and back ; admission, 1s.).

Ireland Island can be reached either by road or by water ($6\frac{1}{4}$ miles by steamer ; 14 miles by road ; 2 hours by carriage). Steamers of the Bermuda Transportation Company perform the journey under contract with the local Government for the conveyance of the mails, and call also at Boaz Island and Mangrove Bay, Somerset Island. Leaving the wharf the steamers pass among an archipelago of islets through Two Rock Passage into the Great Sound. **Oxford Point** is passed on the right, with a quaint monument of tools, bayonets, and iron hoops erected by the men of the 56th Regiment, now the 2nd Battalion of the Essex Regiment, who were isolated there during an outbreak of yellow fever. On approaching Ireland Island, the **Commissioner's House** on East Point is a conspicuous object. In a sheltered position off the island lies a huge **Floating Dock** with a length over all of 545 ft., breadth 126 ft. 2 in., and an extreme lifting power of 17,500 tons. This mammoth dock was built at Wallsend-on-Tyne and was towed to Bermuda by powerful tugs in the early summer of 1902, the voyage taking over fourteen weeks. The enclosed basin in which vessels can lie in perfect security is called **The Camber**.

Ireland Island was purchased by the Imperial Government as a site for a naval station in 1809, and preliminary operations were commenced in the following year by slave labour. Convict labour was substituted for that of slaves in 1824, and the convicts were stationed on Boaz Island where the military barracks now are. The convicts were withdrawn in 1863 and the graves of those of them who died during their sojourn in the islands alone remain to remind one of them. Permission can be obtained to visit the dockyard, which can be inspected on week days between

the hours of 10 A.M. and noon. Visitors should remember that no photographs may be taken of the dockyard or of any of the fortifications in the islands. When the North American and West Indies fleet was replaced by a special Cruiser Squadron in pursuance of the policy of the "Blue-water" school, the dockyard became less busy than it used to be; but it is now more resorted to again. There is much of interest to be seen. In the twin towers of the main building are two clocks—one to tell the time of day and the other that of high tide. A slab bears the inscription:

BERMUDA YARD
 LATITUDE XXXII°. XIX'. I''. N.
 LONGITUDE LXIV°. LI'. XXXVI''. W.
 BY CAPTAIN OWEN, R.N.

Visitors should on no account omit to ask their cicerone to point out the old ship's bell of the *Shannon*, an interesting souvenir of the memorable engagement between that vessel and the American frigate *Chesapeake* off Boston on June 1, 1813, which hangs in a niche in the wall near by. After a desperate encounter lasting eleven minutes, during which Captain Philip Vere Broke of the *Shannon* was disabled, and Captain Lawrence of the *Chesapeake* was fatally wounded, the American vessel was compelled to strike her colours, which now hang in the Royal United Service Museum in Whitehall, London. The bell, which bears the date 1740, was cracked by a bullet.

Below the niche is a tablet inscribed:

BELL SAID TO HAVE BELONGED TO H.M.S. SHANNON
 AND DAMAGED DURING HER ENGAGEMENT
 WITH THE U.S. FRIGATE CHESAPEAKE
 1ST JUNE 1813.

The road for carriages or cyclists to Ireland Island is clearly shown on the map which faces page 56. Pedestrians can take a short cut by crossing the ferry from Hamilton to Paget. The several islands traversed are connected by bridges, and many exquisite views can be obtained *en route* of the islands in the Great Sound, on which many Boer

prisoners were confined during, and immediately after, the last South African War. Visitors wishing to get a good idea of the "lie of the land" should make a detour at **Gibbs Hill** and ascend it (245 ft.) and the lighthouse (105 ft. 9 in. to the gallery) which commands a truly magnificent view. The lighthouse, which is of steel, was erected at a cost of £5500 between 1844 and 1845, and the present revolving light was installed in 1904. It has an illuminating power of 99,930 candles and can be seen for a distance of 27 miles.

A steam ferry crosses Hamilton Harbour to **Salt Kettle**. In the seventeenth and eighteenth centuries, when the Bermudians were actively engaged in the salt industry in Turks Islands (*see page 204*), Salt Kettle was one of the *entrepôts* of the trade. Here the salt was stored prior to transshipment to America.

St. George's (12 miles; by the North Shore Road by carriage 1 $\frac{3}{4}$ hours) can be reached from Hamilton by the North Shore, Middle, or South Shore Roads, which converge at Flatt's Village. Visitors are recommended to go by the first-named road, which is by far the most pleasant, and to return by the South Shore. The North Shore Road, which runs along the coast at the foot of the main ridge extending from Spanish Point opposite Ireland Island eastwards, is reached by way of Cedar Avenue, St. John's Church, and Mount Langton. The old church dates from 1621; but it was rebuilt in 1721, and again in 1821. Where the road turns to the right along the coast, is a curious rock known as the **Ducking Stool**. Tradition has it that it was here that the local "scolds" were punished in the approved style in the olden days. Two miles farther are **The wells** where H.M. ships used to water before the present tanks were erected.

Flatt's Village (4 $\frac{1}{4}$ miles; $\frac{1}{2}$ hour from Hamilton), which stands at the very narrow mouth of a large inlet of the sea called Harrington Sound, is the next point of interest. The small island just off the coast, with which it is connected by a small causeway, is **Gallow's Island**. A post at its highest point identifies the spot where a negro slave was hanged in a gibbet in 1754 for murdering his master.

Flatt's is now a place of little consequence, but it was once a shipping port of some size.

The **Middle Road** to the Flatt's begins at the east end of Hamilton and joins the North Shore Road at Zuill's Park, a distance of $\frac{1}{2}$ mile from the village passing **Prospect Hill**, the military camp. This road can be taken on the excursion to Spanish Rock (3 miles) and Knapton Hill (4 miles).

Harrington Sound is a large inlet of the sea which, but for a narrow mouth bridged at Flatt's, would be an inland lake. It is always a source of great attraction to visitors, and especially to those of them who are interested in geology, for in its neighbourhood there are many remarkable limestone caves. The island to the north-east of Flatt's is Trunk Island. After crossing the Flatt's Bridge, the visitor can proceed by either the shorter North Road or the longer but more interesting South Road, which together encircle the Sound, meeting in the neighbourhood of the Causeway, to which reference is made below. The most direct route to St. George's is by the North Road, passing **Shelly Bay**, which affords a good view of Ireland Island and Somerset Island, and **Bailey's Bay**, in the neighbourhood of which are the justly famed **Joyce's Caves** with their many stalactites and stalagmites. The long cave with two entrances recalled to the minds of the young princes in 1880 that of which Stephano in "The Tempest" (Act ii, scene 2) said "My cellar is in a rock by th' sea-side, where my wine is hid." To approach the second cave ladders are needed, and here the stalactites are even more remarkable, assuming all kinds of fantastic shapes. A stalagmitic bust of Shakespeare is shown among other curiosities.

The South Road round the Sound passes many points of interest, the most notable of which perhaps is the **Devil's Hole**, now the property of the Trott family. This pool, which is also known as the **Grouper's Grotto** and **Neptune's Grotto**, is stocked with fish whose every movement can be plainly seen in the remarkably clear water, which rises and falls with the tide, being connected with the sea and not with the Sound. At the eastern corner of the Sound is the

old property known as Paynter's Vale, and above it rises **Paynter's Hill**, which is very well worth climbing for the superb views which it affords of the Sound on one side and Castle Harbour on the other. Near by is **Shark's Hole**, another interesting cave over which the road passes, and proceeding farther one comes to the famous **Walsingham Caves**, which well repay a visit. It was at Walsingham that Ireland's poet, Tom Moore, resided for a few months when he was Registrar of the Vice-Admiralty Court. He did not remain long in the islands, but delegated his duties to another man. Tom Moore's calabash tree is also pointed out to visitors. Near by are the scarcely less famous **Fern Caves**, the **Blue Hole**, and **Castle Grotto**, all of which should be inspected. The South Road eventually joins the North in the neighbourhood of the **Causeway**. Until 1871 communication with the island of St. George's could only be effected by ferry from Coney Island to the mouth of Castle Harbour, and in bad weather the capital was often cut off from the other islands for days at a time. In that year, however, St. George's was connected with the Main Island by means of a causeway, which was begun in 1867 under the direction of Lieutenant Hime, R.E., and opened amid the rejoicings of the inhabitants in 1871. The length from a spot called Blue Hole at which it starts is 1 mile and 1430 yards, and the cost of its construction was £32,000, towards which the Imperial Government contributed £8500. For the first part of the distance the Causeway crosses the open harbour like the bridges from Mestre to Venice. It is then carried over Long Bird Island, which is connected with Stocks Point on St. George's Island by a swing-bridge. This when open affords access to St. George's Harbour from the north. From Stocks Point the road to the old capital leads round Mullet Bay and under the guns of the old Fort George, affording superb views of St. David's Island and Smith's Island, besides numerous others.

St. George's, which, like the island on which it stands, owes its name to Sir George Somers, is an exceedingly picturesque town of 1500 inhabitants. It was founded in 1612, but not incorporated until 1797. Until 1815 when the seat of Government was transferred to Hamilton it was

the capital of the Bermudas. The town stands on the shores of the harbour of the same name, which is well protected from the south by St. David's Island, and is approached from the sea by a narrow channel known as the Town Cut, commanded by the guns of **Fort Cunningham** on Paget's Island. St. George's is built on sloping ground, on the highest part of which is Fort George; but it is shut in on the north by rising ground on which military barracks are situated.

The principal landing-place is at the **Market Square**, off which stands the small **Ordnance Island**. The **Town Hall**, which contains the offices of the Halifax and Bermudas and the Direct West India Cable Companies and Hotel, faces the square.

The Hotel St. George, opened in 1907, stands on the Rose Hill property, once the residence of Governor Tucker (1803-1805), about 100 ft. above the town. It commands a noble view of Castle Harbour, Castle Island, and St. David's. In front of the hotel are two trees said to have been planted as sprigs from a bride's bouquet many years ago. Behind the old Government House is the entrance to the Public Gardens, which deserve a visit. In the wall on the left-hand side of the entrance is a tablet to the memory of Sir George Somers. It was erected at the instance of Governor Sir John H. Lefroy, and is inscribed :

Near this spot
was interred in the year 1610,
the heart of the heroic Admiral
Sir George Somers, Kt.,
who nobly sacrificed his life
to carry succour
to the infant and suffering plantation
now
the State of Virginia.
To preserve his fame for future ages,
near the scene of his memorable
shipwreck, 1609,
the Governor and Commander-in-Chief
of this Colony for the time being,
caused this tablet to be erected
1876.

In 1620 Governor Nathaniel Butler caused the following inscription to be placed over the spot :

“ In the year 1611 *
 Noble Sir George Summers went hence to heaven.
 Whose well-tryed worth that held him still imploid
 Gave him the knowledge of the world so wide ;
 Hence 'twas by Heaven's decree that to this place
 He brought new guests and name to mutual grace ;
 At last his soul and body being to part
 He here bequeathed his entrails and his heart.”

Near the Somers' tablet is the inscription :

CHARLOTTE HOPE
 POSUIT
 JOHANNES HOPE
 PRAEFECTUS
 25TH DECEM. ANNO. 1726.

The memory of the founder of the colony is further perpetuated by a monument in the Public Gardens which was unveiled on February 14, 1911, by the then Governor Sir F. W. Kitchener, the funds being provided by the Colonial Legislature. It is inscribed :

1609-1909
 In Commemoration of the
 Settlement of these Islands
 On the 22d of July, 1609
 and
 In honour of Admiral
 Sir George Somers, Kt.
 At whose instance largely
 the Settlement was effected
 this Memorial
 has been erected out of a
 Grant made by the Legislature
 of the Colony.

The **Post Office** and **Customs** are in a building in Water Street to the east of the Market Square.

The old church of **St. Peter's** in York Street deserves a visit. It was built in 1713 on the site of one erected as far back as the year 1612 by Governor Moore. The tower

* Sir George Summers died in 1610. 1611 is no doubt poetic license.

was added in 1814. The Communion plate, which is dated 1684, was the gift of King William III.

Many interesting walks and expeditions can be made from St. George's, notably to the Barracks, which command a very fine view, to St. David's Island, &c.

Returning to Hamilton, the South Road can be joined either at Tucker's Town or at the Devil's Hole. The beach and natural arch at Tucker's Town merit inspection. The first place of interest reached is **Peniston's Pond** (2 miles), a brackish lake apparently separated from, but really communicating with, the sea by underground channels. Near by is the historic **Spanish Rock** inscribed :

F +
1543

which is shown to prove that Ferdinando Camelo, to whom reference is made above, actually visited Bermuda. The military road between Tucker's Town and Spanish Rocks is claimed to be—and we quote the Bermuda Almanack—an “ unrivalled seaside drive.”

CHAPTER V

THE BAHAMAS

Expulsis piratis commercia restituta
The Colony's Motto

GENERAL ASPECT. The Bahamas or Bahama Islands consist of a chain of coral islands with a total area of $4403\frac{1}{2}$ square miles. They lie between latitude $21^{\circ} 42'$ and $27^{\circ} 34'$ N. and longitude $72^{\circ} 40'$ and $79^{\circ} 5'$ W., and extend from off the coast of Florida to the north of Haiti. According to the report of Governor Rawson W. Rawson, they include twenty-nine inhabited islands and over 3000 islets and rocks. The principal islands are: New Providence (in which is the capital, Nassau), Abaco, Harbour Island, Eleuthera, Inagua, Long Cay, the Biminis, Cat Island, Ragged Island, Rum Cay, Exuma, Long Island, Grand Bahama, San Salvador, and Watling's Island, all of which are Ports of Entry; and Crooked Island, Acklin Island, Mayaguana, the Berry Islands, and Andros.

The large islands are for the most part situated on the eastern edge of the plateau on which the archipelago rests, and rise precipitously from great depths of ocean averaging between 2000 and 2700 fathoms within a mile from the shore. On the west there is a vast submerged bank stretching from the Gulf Stream to within a few miles of the coast of Cuba over which the depth of water rarely exceeds four fathoms. On the south, between the islands of Long Island and Long Cay, there is a deep-water channel only forty miles wide, known as the Crooked Island Passage, which in the near future should be widely known among mariners, since on the opening of the Panama Canal the majority of vessels going to and from

Canadian and North American ports to the Canal will pass through it.

New Providence lies on the south of the Providence Channel and is situated on the very edge of soundings, the depth of water within half a mile of Nassau Harbour being 1800 feet. Off its western and southern shores there lies an extraordinary body of deep water, known as the "Tongue of the Ocean," which separates New Providence from Andros. The larger islands all have the same general configuration. They are protected by long and dangerous reefs, shifting sand bores and coral heads, access to the land being obtained by tortuous passages and narrow openings navigable only by vessels of shallow draft. The land arises abruptly from the sea to a long narrow ridge, seldom more than 150 ft. high, behind which is a marshy swamp, studded here and there with shallow pools and lagoons. Beyond these again rises another low ridge. The land is nowhere of great elevation, the highest point (in San Salvador) being only 240 ft. high while Grand Bahama is less than 40 ft. above high-water mark. There are no minerals of any kind in the colony, and the only deposits of any commercial value are formed in the numerous caves in the shape of bat manure, locally known as Cave Earth. The islands, however, produce fairly good building stone (coral detritus), of which the more ambitious houses and edifices are built. The only river in the entire group is in Andros Island.

INDUSTRIES. The chief industry is the collection of sponges, the value of the export of which is about one-half that of the entire exports from the colony. At the end of 1911 there were about 180 schooners of from 7 to 37 tons burthen with an aggregate tonnage of 2925, and 402 sloops of from 3 to 15 tons burthen with an aggregate tonnage of 2746, engaged in the sponge fisheries of the Bahamas. Attached to these vessels were 1490 open boats, while the number of men and boys employed was 3114. In addition there were about 463 open boats unattached to any vessel, engaged in the gathering of sponges along the shores of some of the islands. There were about 250 men and women employed, principally in Nassau, in clipping, sorting, packing, and otherwise preparing the sponge for export.

The cultivation of sisal hemp is increasing year by year, and, in spite of the fluctuations of price, is the great mainstay and support of the peasant proprietors of the colony. In 1912, 8,067,485 lbs. of fibre, valued at £66,427, were exported, against 2,336,497 lbs. in 1902. As a home industry for women and children, the cultivation of sisal is capable of great expansion; but as an enterprise for the employment of capital on a large scale it has not proved satisfactory, owing to the shortage of labour. This shortage is due to the high wages paid for agricultural labour in Florida. An American company has secured concessions for cutting pine lumber in Abaco, Andros, and Grand Bahama. It employs over 500 labourers. Bahamas pitch pine is the hardest and the heaviest known in the world. For flooring it is unequalled, but carpenters object to it as it is impossible to drive a nail into it without first boring a hole. An endeavour to establish Sea Island cotton industry is meeting with very limited success. The pineapple industry has languished, owing to the keen competition of Cuba and Hawaii, whose fruit is protected by the United States tariff. There is one factory at Nassau operated by an American company, and one at Governor's Harbour, Eleuthera. On Exuma sheep flourish, and salt is produced by the evaporation of the water from brine on Ragged Island and elsewhere. Coco-nuts, too, thrive all through the islands, despite the hurricanes which occasionally sweep over them.

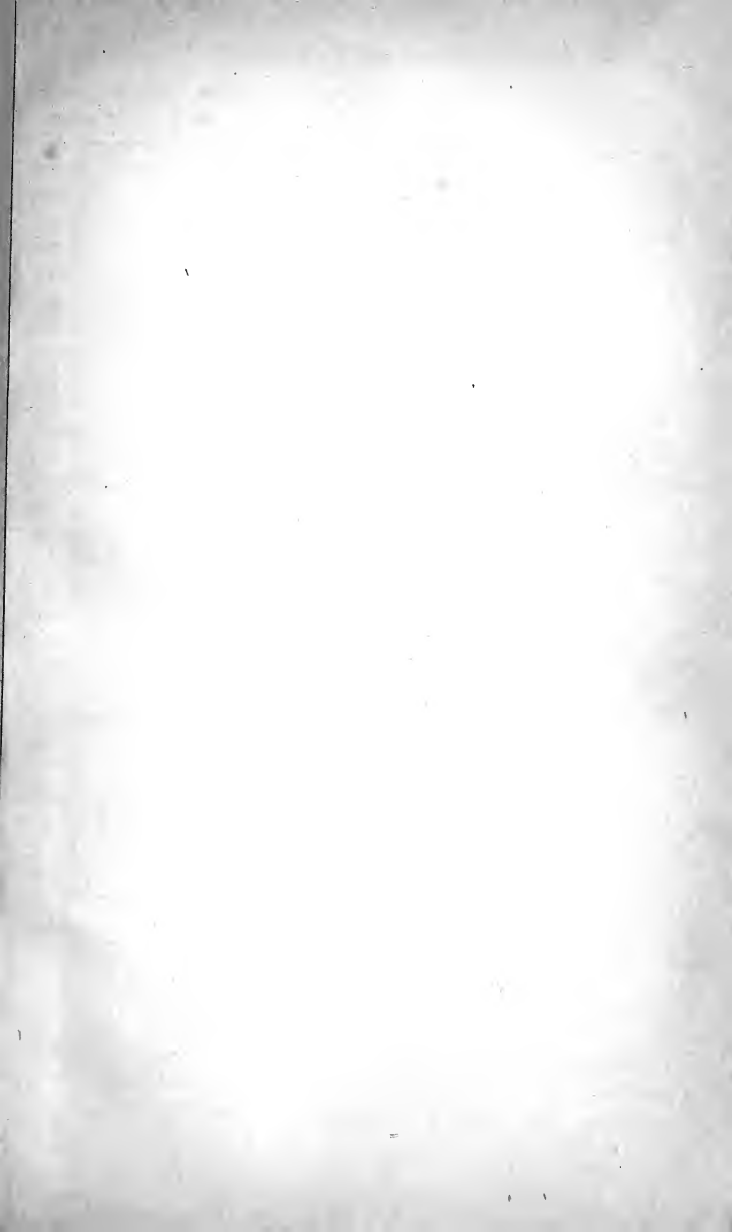
The values of the principal articles of export in 1912 were as follows :

Sponges	£172,051	Lumber	£21,293
Pine-apples	5,175	Turtle shells	3,151
Sisal	66,427	Conch Shells	450

The direction of trade in the same year was as follows :

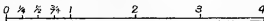
	Imports	Exports
United States	£247,551	£135,669
Canada	12,714	1,337
United Kingdom	84,485	55,320

FINANCIAL POSITION. Opposite is a comparative table giving the revenue and expenditure and the imports and exports of the colony for the last ten years.



ISLAND OF NEW PROVIDENCE

SCALE OF ENGLISH MILES



25° 5. 37' N.



25° 5. 37' N.
Lough R^{ies}
6 to 8 f. above L.W.



	Revenue	Expenditure	Imports *	Exports *
	£	£	£	£
1903-4	71,337	74,038	249,590	210,493
1904-5	71,112	69,825	297,241	194,936
1905-6	77,294	70,256	308,544	222,905
1906-7	79,058	71,087	329,115	221,925
1907-8	89,694	79,790	372,937	226,819
1908-9	81,862	99,655	369,490	183,558
1909-10	77,578	92,858	343,489	165,116
1910-11	84,386	85,315	239,014	188,286
1911-12	85,592	82,676	311,095	209,251
1912-13	97,574	88,077	358,111	276,115

* For calendar years 1903-1913.

CLIMATE. The climate of the Bahamas is equable and extremely healthy. At Nassau the mean temperature during the first three months of the year is 71° Fahr., and during the hottest months only 82.4° Fahr., the mean temperature throughout the year being 77° Fahr. The lowest temperature in the last twenty years was 53° Fahr., and the highest 98° Fahr. During the winter months little rain falls, and the prevalent winds in winter blow from the north, north-east, and north-west for about thirty-six days out of ninety, and from the east about twenty days, while for the whole year there are only on an average eighteen days of calm. The colony is singularly free from malaria and no case of yellow fever has occurred in it for over thirty years. The birth-rate averages forty-two per thousand, and the death-rate twenty-four. This comparatively high rate is attributed to the fact that three-fourths of the population inhabit islands where there are no doctors and where a lamentable ignorance of the ordinary laws of sanitation prevails.

HISTORY. The Bahamas were discovered by Columbus, who landed in 1492 on San Salvador (now identified with Watling's Island), his first landfall in the New World. The original inhabitants, whom the discoverer called the Lucayans, were indolent, and were soon exterminated by the Spaniards, who sent most of them to work in the mines

of Hispaniola (Haiti). The islands were first occupied by Bermudians. Settlers went to Eleuthera in considerable numbers from the Bermudas in 1647-1660 and some years later also to New Providence. In 1670 the island were granted by King Charles II to the Duke of Albemarle and others as Lords Proprietors, who, however, on October 27, 1717, surrendered the civil and military government to the Crown. Soon after the foundation of the colony it became one of the chief haunts of the Buccaneers, who degenerated into pirates and made the islands the base of their marauding expeditions and the scene of their debaucheries.

The Spaniards resented this and frequently raided and destroyed the English settlements; but it was not until 1718, when Captain Woodes Rogers, R.N., the rescuer of Alexander Selkirk from Juan Fernandez, was appointed Governor that piracy was suppressed. He caused no fewer than eight of the chief offenders to be hanged on one day. In 1782 a force of Spaniards captured Nassau and held it for some months; but in 1783 it was retaken by Colonel Deveaux of South Carolina in the manner described on page 84. In 1784 the population of the colony was more than doubled by the arrival of Loyalists from Georgia and Carolina with their slaves. These staunch men and true were given grants of land, and made admirable colonists. The subsequent history of the colony has been peaceful. During the American Civil War Nassau became the headquarters of blockade runners, and the colony enjoyed a period of unparalleled prosperity, the total volume of trade actually rising from £491,979 in 1860 to £10,019,510 in 1864. No fewer than 393 vessels entered, and 584 cleared for blockaded ports. Of these 64 are known to have been captured or sunk.

CONSTITUTION. Like Barbados and the Bermudas, the Bahamas possess representative institutions without responsible government. By an Order in Council dated July 25, 1728, a General Assembly with legislative powers was constituted. This Assembly met for the first time on September 29, 1729. There is an Executive Council, consisting of the Governor, the Colonial Secretary, the

Attorney-General and Receiver-General as *ex-officio* members, and five unofficial members. Every member, other than an *ex-officio* member, must vacate his seat after five years, but may be reappointed. The Legislative Council consists generally of nine members nominated by the Governor and confirmed by the Crown. The House of Assembly consists of twenty-nine members, elected for seven years on a most liberal franchise which amounts practically to manhood suffrage, there being in 1911 no fewer than 13,768 on the electoral roll.

Governors of the Bahamas since 1887

Sir Ambrose Shea, K.C.M.G.	1887
Sir W. F. Haynes-Smith, K.C.M.G.	1895
Sir G. T. Carter, K.C.M.G.	1898
Sir William Grey-Wilson, K.C.M.G.	1904
George B. Haddon Smith, Esq., C.M.G.	1912

HOTELS. Nassau. The *Hotel Colonial* (owned by the Florida East Coast Hotel Company), overlooking the harbour, has accommodation for 600 guests. Board and lodging, £1 os. 10d. (\$5) per day and upwards. *Hotel Royal Victoria* (owned by the same company) can accommodate about 200 guests. *Hotel Clifton*, 10s. 5d. (\$2.50) per day. There are also numerous lodgings and boarding-house where the rates vary from £2 1s. 8d. (\$10) to £4 3s. 4d. (\$20) per week. Several private families take in paying guests, and furnished houses can be leased at very reasonable rates.

MEANS OF COMMUNICATION. The Bahamas are served by the steamship companies numbered 22 and 24 in the list given on pages 14 to 27. Communication between Nassau and several of the "out islands" is maintained by eleven schooners, subsidised by the Government to carry mails, passengers, and freight. Sailing and motor boats can be hired by the day or season with competent men to manage them, and to arrange fishing parties, &c. Hackney cabs are plentiful in Nassau, and people wishing to make a complete tour of the island of New Providence can hire motor-cars from an ever-increasing number of proprietors.

Cable communication is effected with Jupiter in Florida, and a wireless apparatus with a range of 400 miles has been established near Fort Charlotte at Nassau by the Anglo-French Wireless Company. The island has a very efficient telegraph service conducted by the Government.

SPORTS. The Nassau Lawn-tennis Club has two grass courts, and the Hotel Colonial two grass and one "dirt" court. Numerous tennis tournaments are held in winter. The Florida East Coast Hotel Company has picturesque nine-hole golf links with a small club-house in the grounds round Fort Charlotte, and a professional is employed. (Subscription, \$10 for the season, and less for shorter periods.) Several competitions are held during the winter, and there is also an annual championship match. "Court golf," played over a miniature course with putters and lofters only, was originated in Nassau by Dr. Casselberry. There are three cricket clubs in New Providence, and Rugby football is played during the winter months. Duck-shooting can be indulged in on Lakes Cunningham and Killarney from November to April; and wild pigeon afford good sport for the gun in August and September, especially on Green Cay, about sixty miles south of Nassau. The sea fishing to be had is excellent. Tarpon have been found in considerable numbers off Andros (thirty miles from Nassau). Yachting is much indulged in, and the well-protected harbour of Nassau offers every advantage for sailing. The bathing from the bathing beach on Hog Island is unsurpassable.

CLUBS. The members of the Nassau Club and the Porcupine Club extend hospitality to visitors suitably introduced. The Porcupine Club on Hog Island, overhanging the harbour, besides being a social club, makes excellent provision for bathing. All the "Charter members" are American. The subscription is \$15 (£3 2s. 6d.) for two weeks, or \$25 (£5 4s. 2d.) for the season.

PRINCIPAL SIGHTS. Nassau (population 12,554), the capital of New Providence, is picturesquely situated on a gently rising coral strand at the north-east end of the island facing north, and on the shore of a harbour protected by the flat and narrow Hog Island. A recent visitor

described the approach to the town from the sea in the following terms :

The ocean of deep sapphire suddenly changes to a lagoon of emerald green surrounded by shores of snow-white coral sand. Beyond, the white limestone houses of the town, intermingled with groves of graceful palms, and half concealed by gorgeous Poincianas, rise on a gentle slope against a sky of purest blue ; and again, as one strolls along the clean white streets, a surprise is in store at every turn ; now it is the graceful drooping bells of the *Datura*, a little later the delicate perfume from a hedge of Oleanders, in the distance the brilliant crown of a Poinciana ; and in almost every garden the *Bougainvillea* can be seen in all its glory.

The S.S. *Miami* from Florida is able to enter the harbour and to lie alongside the wharf at Rawson Square ; but larger vessels have to anchor off the lighthouse on Hog Island, their passengers being landed in a tug.

On entering the harbour, the first conspicuous object is the huge Colonial Hotel on the sea front. It occupies part of the site of old Fort Nassau completed in 1697, and stands in Bay Street, the main thoroughfare of Nassau, running parallel with the sea. The large "Blackbeard's Well" under the hotel was in the south-west bastion of the Fort. Quite near where this luxurious hotel now stands eight pirates were hanged on December 12, 1718. At 10 o'clock on that day

they were led to the top of the rampart fronting the sea. Thence they were conducted down the ladder to the foot of the fort wall to the gallows, whereon a black flag was hoisted. They were allowed three-quarters of an hour under the gallows, which they spent in singing psalms.—*The History of the Pirates.*

The Customs formalities on landing at Rawson Square—so called after Sir Rawson W. Rawson, Governor from 1864 to 1869—are not by any means alarming, and American visitors in particular are generally agreeably surprised at the cursory nature of the examination of their personal effects which is made. Rawson Square is separated by Bay Street from the **Public Buildings**, which form three sides of a quadrangle, in the centre of which is a statue of Queen Victoria, unveiled by Sir William Grey-Wilson, the then Governor, on May 24, 1905. The centre building

contains the Supreme Court, the General Post Office and the Legislative Council Chamber. In the latter are oil paintings of George III, Queen Victoria, and Edward VII, and busts of Shakespeare and H.R.H. the Duke of Edinburgh. That of the poet was ordered to commemorate the tercentenary of his birth, and was unveiled in 1867 by Lady Rawson, who also unveiled the bust of our King's uncle in 1868. The eastern wing contains various Government offices, while in the western wing is the House of Assembly.

Behind the **General Post Office** stands a huge silk-cotton tree (*Bombax ceiba*) which almost rivals in size the famous "Tom Cringle's" tree in Jamaica. This remarkable tree, whose branches spread out in some directions as far as 116 ft., was introduced originally from South Carolina, and is the ancestor of all the other silk-cotton trees in the island. The huge buttress-like extensions of the stem are a remarkable provision by Nature to enable this immense tree to withstand hurricanes.

To the south of the General Post Office stands an octagonal building which was once a prison and is now the **Public Library**. It has a very well equipped reading-room and museum, to both of which visitors are welcome.

Bay Street is the chief thoroughfare of Nassau. It runs parallel with the sea front along the entire length of the town. On the north and sea side are the wharves and business premises of the merchants, the Royal Bank of Canada, and the Bank of Nassau; while on the south side are well-appointed stores or shops. The street is diverted at the Hotel Colonial, and, passing round the back of that caravanserai, takes one to within a short distance of the historic **Fort Charlotte**, which stands on the rising ground about a quarter of a mile from the road, and commands the western entrance to the harbour. This old fort, called after Queen Charlotte, the consort of George III, is now surrounded by the golf links belonging to the hotel. It was built in 1788 by John Murray, fourth Earl of Dunmore, the last British Governor of New York and Virginia and Governor of the Bahamas from 1786 to 1796. It contains many curious underground stairways, corridors and dungeons, which are now the home of innumerable bats; one species

of these is, as far as is known, only found in New Providence. Near-by tower the masts of the ship-to-shore wireless station.

The **Sponge market** or Exchange should certainly be visited. The sponges, after being roughly cleaned and dried, are laid out in lots. The members of the Exchange then inspect them and make their bids on slips of paper. The successful bidder then removes his sponges in sponge drays—large and lightly built crates carried on two-wheeled carts—to the sponge yards.

Victoria Avenue is the name of a picturesque avenue of royal palms planted in 1904 by the members of the Imperial Order of the Daughters of the Empire in memory of her late Majesty Queen Victoria.

Government House, at the top of the hill behind the Colonial Hotel, called Mount Fitzwilliam, after Richard Fitzwilliam, Governor 1733–1738, is reached by George Street, which runs at right angles to Bay Street at the east end of the Hotel Colonial. *En route* to it, the **Cathedral** on the left-hand side of George Street may be visited. It occupies the site of an older church, and was opened for divine service on April 19, 1840, the foundation-stone having been laid by Sir Francis Cockburn, the then Governor of the Bahamas, in 1837. It is a plain building of stone. The See of Nassau was formed in 1861. Governor John Tinker (1738–1759), Lieut.-Governor James E. Powell (1784–1786) and Sir Henry Marr, of the 47th Regiment, were buried in the Cathedral. **Government House** was erected by Governor Halkett in 1801. The statue of Columbus standing in the gardens, which cover about eighteen acres, was modelled with the assistance of Washington Irving, and was presented to the colony by General Sir James Carmichael Smith.

Beyond Fort Charlotte the continuation of Bay Street takes one to **Old Fort** (11 $\frac{3}{4}$ miles from Nassau) and then **Clifton**, which boasts the only cliffs in the island. Still farther **South-west Bay** (15 miles from Nassau) is reached. Here the mail steamers land passengers when north-westerly gales render the harbour bar impassable. From this bay a drive of nineteen miles can be taken through the pine forests across the island to Nassau.

A pleasant drive can be taken to **Fort Montagu** ($2\frac{1}{4}$ miles from Nassau), built in 1742, which commands the eastern end of the harbour and overlooks the narrows between Hog and Athol Islands. It was on a spot a little to the east of this fort, which owes its name to the Duke of Montagu, that Colonel Deveaux, of the Royal Foresters of South Carolina, a dashing young officer barely twenty-five years of age, landed on April 14, 1783, when he made his memorable descent on New Providence and bluffed the Spaniards into submission. The expedition was conducted entirely at his own expense, the remains of his fortune shattered by the war then just concluded being devoted to it. With a mere handful of volunteers embarked in two brigantines he sailed for Harbour Island and Eleuthera, where he collected some recruits; but his force never exceeded 220 men, who had only about 150 muskets among them. The Spaniards in Fort Montagu were caught napping. Only one of their sentries was awake, and he was captured with a lighted match in his hand just as he was about to blow up the fort. Deveaux now took up a position on the ridge overlooking the works which commanded the town, and in order to make the Spaniards believe that he had a large force at his disposal, caused his men to be rowed backwards and forwards between the ships and the shore. On their way to the shore they stood up; but as they were rowed back to the brigantines they hid below the gunwales. He also placed dummy soldiers on the heights, and, to terrorise the Spaniards, dressed up some of his men as Indians. The ruse answered admirably and the Spanish Governor, Antonio y Sanz, capitulated after only one round of shot had been fired from Deveaux's batteries. It is easy to imagine what his disgust must have been when he discovered how completely he had been hoodwinked.

Fort Fincastle, which stands on the ridge called Bennet's Hill to the east of Government House and overlooking the town, should be visited. It can be approached by the **Queen's Staircase**, a remarkable flight of steps, sixty-seven in number, cut out of the solid coral rock.

This quaint old fort, which takes its name from the second title of Lord Dunmore (*see page 82*), by whom



THE QUEEN'S STAIRCASE, NASSAU, NEW PROVIDENCE

This curious flight of steps is cut out of the solid coral rock in a gorge the sides of which are about 70 ft. high

it was built about 1793, is chiefly noteworthy on account of its peculiar shape, which bears a striking resemblance to that of an old-fashioned paddle-wheel steamer. It tapers fore and aft, if one may use that expression, while on either side are buttressed fortifications which look strangely like sponsons. Like Fort Charlotte, Fort Fincastle is now used as a signal station, and the beflagged signal mast heightens the illusion. The view of the surrounding country from the battlements is very striking.

The **Sea Gardens** at the eastern end of Nassau Harbour are a never-failing source of attraction to visitors. A glass-bottomed boat is chartered from the Colonial Hotel or Rawson Square, and through this can be seen in all their startling reality the wonders of life beneath the sea. The visitor gazes in amazement at a submarine garden decked with growing corals, some assuming the shapes of waving yellow feathers, and others those of purple fans, among which swim fishes of every size, shape, and hue, as one writer has aptly said, "like butterflies in a garden of brilliant flowers."

By those fond of bathing many enjoyable days can be spent on the north shore of **Hog Island**. Here there is an exquisite beach of firm white coral sand. This during the season is crowded with bathers who revel in the sea water, which rarely falls below 70° Fahr. in temperature. A visit to the "Beach" finds a place in the daily programme of most visitors, who for the modest fee of 1s. (25 cents) can secure a passage to and from Hog Island, the use of a dressing-room, a luxurious bath and freshly picked oranges and grape-fruit *ad libitum*. The fruit is, in characteristic West Indian style, peeled and impaled on sticks, an arrangement which adds not a little to the comfort of the consumer.

By those who are fond of yachting or boating many pleasant and interesting excursions can be made to other islands—popularly known as "Out Islands"—of the Bahamas group. A trip through the Exuma Cays, for example, where one can sail for some sixty miles between densely wooded islets and cays in a depth of water seldom exceeding ten fathoms, is an ideal way of spending a few days.

CHAPTER VI

BARBADOS

Et penitus toto regnantes orbe Britannos.

The Colony's motto, adapted from Virgil,
Eclogue 1, l. 67

GENERAL ASPECT. Barbados, which is situated in latitude $13^{\circ} 4'$ N. and longitude $59^{\circ} 37'$ W., is the most easterly of the West Indian islands. It is about 21 miles long by 14 broad, and its total area is 166 square miles, or rather larger than that of the Isle of Wight. Its population is 171,893, or over 1033 to the square mile. With the exception of the Scotland District in the north-east, the island is of coral formation, and it is almost encircled by coral reefs, which in some parts, as, for example, off St. Philip, extend nearly three miles to seaward, and prove dangerous to navigation. The island is very flat, but it rises in terraces to a ridge in the parish of St. Andrew, culminating in Mount Hillaby, the highest point, 1105 ft. high. The Scotland District, which is enclosed in a semicircular sweep of the ridge in the north-east, is composed of sandstone, clays, and radiolarian and foraminiferal marls. The soil of the rest of the island, though remarkably fertile, has very little depth, and has undoubtedly been in part formed by successive eruptions of the Soufrière in St. Vincent, whose ashes, carried by an upper current of air for nearly 100 miles, fell as recently as 1902 over the island. The first recorded fall occurred during the eruption of May 1812. It caused the greatest consternation, and is still talked of as the fall of "May Dust." Barbados has no natural harbour, though the open roadstead of Carlisle Bay on the west is well sheltered, and there is a small inner harbour

or carenage protected by the Mole head, a structure of masonry. The island has no streams to speak of, owing to the porous nature of the soil, which permits the water to percolate the coral rock till it forms numerous subterranean channels and wells. These streams eventually find their way into the sea below the low-water mark, and at Freshwater Bay on the leeward coast, when one is bathing, the sand is forced up under the feet by the fresh water. The island is divided into eleven parishes: St. Michael (in which Bridgetown, the capital, is situated), Christ Church, St. Philip, St. John, St. Joseph, St. Andrew, St. Lucy, St. Peter, and St. James, with St. Thomas and St. George in the centre.

INDUSTRIES. The principal industry of Barbados is sugar, which began to be manufactured successfully in the island about the middle of the seventeenth century. Barbados was the first place in the British dominions in which the sugar-cane was planted. Much of the cane juice is now manufactured into what is known as Fancy Syrup, which is marketed in Nova Scotia and New Brunswick. The area under sugar-cane cultivation is about 74,000 acres, and taking 315 gallons of syrup as equivalent to a ton of sugar, about 50,000 tons of sugar are secured from half that acreage every year. The Sea Island cotton industry was revived in 1902 with success, and the acreage under this form of cultivation amounts to nearly 2000 acres, from which about 900,000 lbs. of lint are raised. The Chinese or Dwarf Banana (*Musa Cavendishii*) is also cultivated, and about 40,000 bunches are now shipped from 100 acres of land. Manjak or glance pitch was for some years exported from several mines near the College estate, to the extent of about 500 tons per annum; but the best mines have now been worked out and closed. Petroleum has been proved to exist in Barbados, and the West Indian Petroleum Company incurred considerable expense in boring for oil. A survey of the island was made by Mr. Cunningham Craig in 1912, and the industry may soon be established on a commercial footing, provided that the planters can be induced to pull together. The principal exports in the year 1912 are given on the next page.

Sugar	28,732 hogsheads, value	£312,693
Fancy Molasses	63,533 puncheons, ..	301,876
Choice Molasses	21,510 ..	81,739
Cotton	415,887 lbs. ..	26,191

The direction of trade in the same year was :

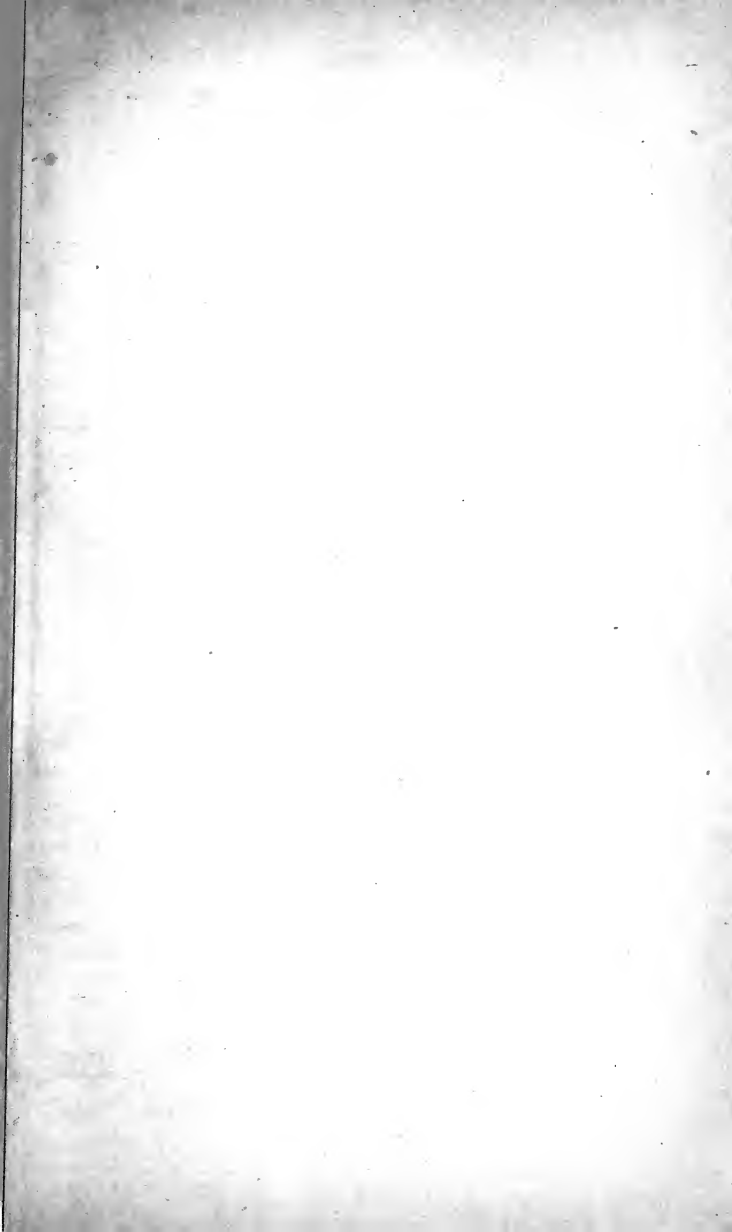
	Imports.	Exports.
United Kingdom	£559,629 ..	£ 91,414
British Colonies	374,755 ..	777,333
Foreign Countries	531,047 ..	126,807
Coal for Bunkers	— ..	90,015

FINANCIAL POSITION. The financial position of Barbados is shown by the following comparative table of the revenue and expenditure, and the imports and exports, for the last ten years :

Year.	Revenue.	Expenditure	Imports.*	Exports.*
	£	£	£	£
1903-4	180,831	176,309	821,618	552,891
1904-5	185,056	178,797	1,069,312	860,982
1905-6	192,291	180,932	1,042,562	935,844
1906-7	204,704	186,016	1,192,328	932,966
1907-8	209,817	188,296	1,271,530	935,256
1908-9	189,805	198,865	1,225,870	948,178
1909-10	195,803	199,625	1,119,343	888,086
1910-11	213,298	211,949	1,345,194	1,088,830
1911-12	221,906	215,696	1,539,710	1,005,931
1912-13	234,126	230,339	1,465,431	1,085,569

* For calendar years 1903-1913.

CLIMATE. Barbados is undoubtedly the healthiest of all the West Indian Islands. The temperature, as a rule, varies from 75° Fahr. to 83° Fahr. ; the island enjoys the full benefit of the north-east trade-winds, and in the winter months the minimum mean temperature at night falls as low as 63° Fahr. The annual rainfall varies from about 50 to 70 inches. The rainy season sets in about the beginning of June and lasts until the end of October. On the windward side, the climate is especially invigorating, and the island is much patronised by residents in neighbouring colonies as a health resort. The birth-rate is about 36 and the normal death-rate not more than 26 per thousand.





59°30' W.Gr.

BARBADOS

Scale of English Miles



Main Roads.....

Railway.....



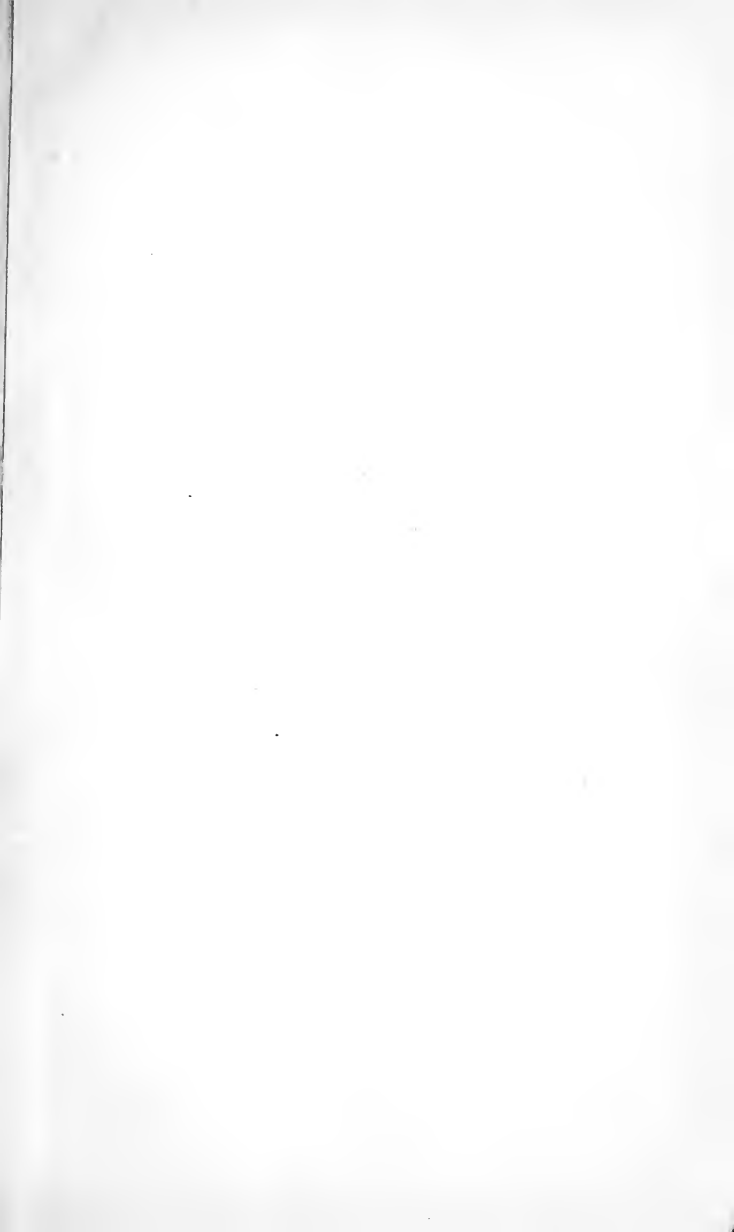


HISTORY. The actual date of the discovery of Barbados is uncertain, but it is said that it was visited by some Portuguese in 1536, who called the island "Los Barbudos" after the bearded fig-trees which they found there, and left behind them a stock of pigs. It was not until 1605 that the British took possession of the island. In that year the crew of a vessel called the *Oliph Blossome*, fitted out by Sir Oliph Leigh with stores and settlers for Guiana, landed on the leeward coast and erected a cross, inscribing on a tree near by, "James K. of E. and of this Island." The actual settlement was not, however, effected until twenty-one years later, when Sir William Courteen, a wealthy London merchant, hearing glowing accounts of Barbados from the crew of one of his vessels, which was compelled, through stress of weather, to touch there on the way from Brazil, decided to equip an expedition and send out settlers to it. This he did under the protection of the Earl of Marlborough, who received the promise of a patent which covered Barbados. Sir William Courteen's ship, the *William and John*, reached Barbados in 1626 with about forty emigrants, who landed and founded Jamestown or Hole Town, near the spot where the first landing was made. Though authorities have hitherto given the end of 1624 or the beginning of 1625 as the date of the arrival of the party, a search of the island records has made it sufficiently clear that 1626 is actually the year from which the settlement of Barbados dates.

On September 13, 1625, the island was included in the commission given to Warner, the coloniser of St. Kitts, his patron being the Earl of Carlisle, who, two years later, obtained from Charles I a grant of nearly all the Caribbean Islands. The Earl of Marlborough opposed it vigorously; but the matter was compromised by Lord Carlisle agreeing to settle on him and his heirs an annuity of £300. All went well for a year, and then, while Lord Carlisle was absent on a mission, Sir William Courteen induced the Earl of Pembroke to lay claim to the island. The Earl was successful in obtaining a grant of it, but Lord Carlisle returned, and was reinstated. This nobleman then took active steps to strengthen his position. He offered land to private adventurers, and allotted 10,000 acres to nine

London merchants. Sixty-four settlers landed under Wolferstone and proceeded to found St. Michael's Town, now Bridgetown. They became known as the Windward men, as opposed to Sir William Courteen's settlers, who were called the Leeward men, and in 1629, after a bitter struggle, the latter were overpowered. Lord Carlisle died, deeply involved, in 1636, leaving the Caribbee Islands in trust for the payment of his debts, with remainder to his son and heir. The latter transferred his interest to Lord Willoughby of Parham for twenty-one years. Lord Willoughby, soon after his arrival in the island, caused an Act to be passed acknowledging the King's right to dominion over Barbados, and this Act also recognised his own position.

Many Royalist families found shelter in Barbados, and the island offered a stout resistance to the forces of the Commonwealth. Cromwell accordingly despatched to it a fleet of seven ships, under Admiral Sir George Ayscue. After a stubborn defence the Royalists yielded on honourable terms, which were embodied in "Articles of Agreement" signed on January 11, 1652. Lord Willoughby was compelled to relinquish the government, and in the following years the population was swelled by Scotch and Irish exiles and "unruly men" who were to be sold as white servants for seven years. At the Restoration thirteen gentlemen of Barbados were created baronets in consideration of their sufferings and loyalty during the Civil War. Lord Willoughby agitated for a revival of his rights, and on June 13, 1663, the Privy Council decided that half the annual profits derived from Barbados should go to him for the rest of his lease, with remainder to the Government, and one half towards the discharge of the Marlborough claim and to the payment of £500 a year to the heirs of Carlisle. After the discharge of all liabilities, the heirs of Lord Carlisle were to receive £1000 per annum. For the purpose of raising this money a duty of $4\frac{1}{2}$ per cent. was imposed on all exports from the island. This was a constant source of grievance to the inhabitants, who in 1832 complained that they had through it been mulcted of no less a sum than £6,000,000. In 1834 the Legislature of Barbados passed an Act remitting the duty; but it was not finally



A topographicall Description and
 Admeasurement of the YLAND of
BARBADOS in the West INDYAES
 with the III^{TS} Names of the Seuerall plantacons



abolished until 1838, when it was repealed by an Act of the Imperial Government.

CONSTITUTION. Barbados possesses representative institutions without responsible government. They date from the Royal Charter of Charles I, June 2, 1627, and were confirmed by the Commonwealth in the articles of surrender of the island signed on January 11, 1652. Next to the House of Commons and the House of Assembly in Bermuda, the Barbados House of Assembly is the most ancient legislative body in the British dominions. The Government now consists of a nominated Legislative Council of nine members, and a House of Assembly, consisting of twenty-four members elected annually by the people on the basis of a moderate franchise. At general elections to the latter body there is frequently no contest, a fact which speaks volumes for the contented state of the inhabitants, who prefer to devote their time to the development of the island rather than to political strife, an example which might with advantage be followed elsewhere. The executive functions of the Government are performed by an Executive Council which consists of the Governor, the Colonial Secretary, and the Attorney-General *ex officio*, and such other persons as may be nominated by the King, and an Executive Committee which consists of the Members of the Executive Council, one Member of the Legislative Council, and four Members of the House of Assembly nominated by the Governor. This Executive Committee introduces all money votes and Government measures and prepares the Estimates.

Governors of Barbados since 1889

Sir Walter J. Sendall, K.C.M.G.	1889
Sir James S. Hay, K.C.M.G.	1892
Sir Frederic M. Hodgson, K.C.M.G.	1901
Sir Gilbert T. Carter, K.C.M.G.	1904
Sir Leslie Probyn, K.C.M.G.	1911

HOTELS. Bridgetown. The *Marine Hotel*, Hastings, two miles from town. Tram-cars pass near the grounds. A good and airy hotel, conducted on the American system.

Rooms, light, and attendance, 4s. to 8s. per day. Breakfast, 3s. Luncheon, 3s. Dinner, 4s. Board and lodging, 10s. to 15s. per day, or with rooms with baths, 16s. 8d. per day. Each meal served in room, 1s. $\frac{1}{2}$ d. extra. The *Balmoral Hotel*, also at Hastings. Board and lodging, 8s. 4d. to 12s. 6d. per day. Breakfast or luncheon, 3s.; dinner, 4s. The *Ice House Hotel*, Lower Broad Street, Bridgetown, near the harbour. Board and lodging, 6s. 3d. per day, £8 6s. 8d. per month. Rooms, light, bath, and attendance, 3s. per day, or £3 2s. 6d. per month. *Sea View Hotel*, at the top of Garrison Hill, St. Michael's, close to the Savannah and Hastings Rocks. Rooms, light, and attendance, bath, and "coffee," 4s. per day, or £4 3s. 4d. per month. Board and lodging, 6s. 3d. and 8s. 4d. per day, £8 6s. 8d. to £9 7s. 6d. per month. *Bay Mansion*, conveniently situated in Bay Street, Bridgetown. Board and lodging, 6s. per day; for a stay of over two months, £7 15s. per month. *Hotel St. Lawrence*, near St. Lawrence Chapel and Christ Church. Board and lodging, 6s. 3d. per day, £2 1s. 8d. per week, £8 6s. 8d. per month. Tram-cars pass within walking distance of the hotel. Private houses can be hired at Hastings and along the St. Lawrence coast, where the bathing is excellent, and elsewhere for from £5 per month and upwards.

The Crane, St. Philip. The *Crane Hotel*, on a cliff by the sea, thirteen miles from Bridgetown. Reached by railway, motor-car, or carriage. Room, including "coffee" and use of sea and fresh-water baths, 3s. per day. Board and lodging, 8s. 4d. to 10s. 6d. per day, or from £2 10s. per week.

Bathsheba, St. Joseph. *Atlantis Hotel*, beautifully situated. Train stops quite near the door. Board and lodging, 6s. per day, £2 1s. 8d. per week, or £7 10s. per month. Special arrangements for families. *Beachmount Hotel* (close to the railway station), 6s. 3d. and 8s. 4d. per day, £2 1s. 8d. to £2 10s. per week. Children and nurses half price.

Speightstown, St. Peter. *Ebenezer House*, conveniently situated. Meals can be obtained at short notice.

MEANS OF COMMUNICATION. Barbados is served by steamship companies numbered 1, 3, 5, 7, 8, 9, 11, 13,

19, 23, 25, 26, 27 and 28 in the list on pages 14 to 27. Steamers anchor in the roadstead of Carlisle Bay, while boats and launches enter the Careenage, as the harbour is called. The tariff for boats is: from the wharf to any vessel, 1s.; with one or two passengers and return, including a wait of a quarter of an hour, 1s. 8d., or half an hour, 2s. Between sunset and sunrise the boatmen are entitled to charge double fares. On the days of the arrival and departure of the mail steamers the boats, many of which are named after celebrities, are in great demand.

Motor-cars and carriages are obtainable in Bridgetown from Messrs. Burton and Co., Pinfold Street, and Messrs. J. G. Johnson and Co., Coleridge Street. Motor-cars can be hired by the hour or day to carry four or five, at the Bridgetown Garage, Fort Royal; the Barbados Garage Co., Westbury Road; and the City Garage and Stable Co., Victoria Street; and carriages from Goodridge and Co., Chapel Street, and various other stable proprietors. The usual charge for motor-cars is at the rate of 1s. per mile, but on the days of arrival of the tourist steamers the charge is from £6 to £8 per day, according to the size of the car and the number of seats in it. The two best motor drives are (1) to Hackleton's Cliff, St. John's Church, Codrington College, the Crane Hotel, Lord's Castle; and (2) along the western coast by Hole Town and Speightstown to the Animal Flower Cave, Farley Hill and Cherry Tree Hill, and back by Cole's Cave. Each drive takes a day. The fare is about £6 per seat. Pair-horse carriage, about £1 13s. 4d. per day, or £14 per month. Single-horse, 16s. 8d. per day, or £7 per month. Short drives at a low rate, according to time and distance. Cycles can be obtained from Newsam and Co., Beckwith Place, 2s. 6d. per day.

A railway (2 ft. 6 in. gauge) owned by the Barbados Light Railway Ltd., runs under contract with the Colonial Government from Bridgetown, across the southern part of the island and up the Windward Coast to St. Andrew's (24 miles). The whole journey takes two hours. On several days in the week there is an early morning train, and every week-day an early afternoon train to St. Andrew's. Similarly on several days there is an afternoon train, and

every week-day an early morning train from St. Andrew's to Bridgetown. A list of the first- and third-class fares (there is no second class) and stations, with their distances from Bridgetown, is given below :

Stations.	Miles from Bridgetown.	Fares.	
		1st Class.	3rd Class.
		<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>
Bridgetown	—	—	—
Kingston Wood Halt.	—	—	—
Rouen	2½	3	1½
Bulkeley	5½	6	3
Windsor	6¾	9	4
Carrington	8¾	1 0	6
Sunbury	9¾	1 3	7
Bushy Park	11	1 6	8
Three Houses	12¾	1 9	8
College Siding Halt	—	—	—
Bath	15¾	2 0	10
Martin's Bay Halt	—	—	—
Bathsheba	19¾	2 6	1 0
Joe's River Halt	—	—	—
St. Andrew's	24	2 6	1 0

At the "Halts," trains stop to set down passengers on notice being given to the guard, and passengers may also be taken up at these places. Special through trains are run at low fares at short notice in the tourist season to Bathsheba, &c., on the pretty north-east coast, making the journey in much shorter time than the ordinary trains which stop at all stations. Full information as to time-tables, charges, &c., can be obtained in England from the Managing Director, Barbados Light Railway Ltd., Gwydir Chambers, 104 High Holborn, London, W.C., and in Barbados at the Manager's office.

Bridgetown and Speightstown are kept in touch with one another by a service of smart schooners, as well as by road.

SPORTS. There are many cricket and football clubs, including the Wanderers, the Pickwick, the Windward, and the Spartans. The Lodge School and Harrison College also have clubs. There is, too, a Country Club where tennis is

played in the Rectory grounds, St. Peter. Nearly every house in town and country has a well-kept lawn, where either lawn-tennis or croquet is played. There are several lawn-tennis clubs, notably Belleville, Strathclyde, Bulkeley, and the Savannah, where play is above the average. Polo is played twice a week on the Garrison Savannah; and under the auspices of the Barbados Turf Club, which is affiliated to the Jockey Club of England, race meetings are held periodically.

There are private golf links at Codrington College, "Porters" and "Kent," and the Savannah has been leased to the Sports Club, which encourages racing, polo, lawn-tennis, and golf, the clock-tower being now the club-house of the Savannah Club. Sailing boats can be hired. Good line fishing can be had, as well as trolling for Barracouta with rod and line from sailing boats; and the bathing is excellent at St. Anne's, Hastings, Warsaw, Worthing, the Crane, and Freshwater Bay.

SOCIAL CLUBS. The Bridgetown Club, on the top floors of the handsome building of the Barbados Mutual Life Assurance Society in Beckwith Place, is one of the best social clubs in the West Indies and is open to visitors on introduction by a member. So too is the Junior Club in Trafalgar Square, and also the Union on the second floor of the Ice House Hotel in Lower Broad Street. The Savannah Club, on the Garrison Savannah referred to above, is also very hospitable. The club-house has a reading-room, drawing-room, card-room, &c. A Ladies' Club was formed in 1912 with premises in Broad Street, and is well patronised. The Y.M.C.A. has its rooms in Trafalgar Square.

Visitors are also admitted to the Free Library in Coleridge Street. The building was the gift of Mr. Andrew Carnegie, and the large collection of books which used to be kept in the Public Buildings was removed to it in 1906.

PRINCIPAL SIGHTS. The first view of Barbados generally causes tourists who have pictured in their minds the beauties of tropical scenery some little disappointment. They see a long, greyish shore, relieved only here and there by tall palm-trees, waving casuarinas (*Casuarina equisetifolia*), and an occasional aermotor. The island to the left

as one faces the shore is **Pelican Island**, on which the quarantine station is situated, while on the right is **Needham's Point**. As there is no harbour accommodation for them, steamers visiting the port of Bridgetown lie in Carlisle Bay, an open roadstead which owes its name to the Earl of Carlisle, to whom Charles I granted the island in 1627. The wharf is reached by launch or shore boat, which enters the Careenage, a harbour of modest dimensions, the entrance of which is protected by a mole terminating in the "mole-head." The **Customs Department** and the **Harbour Master's Office** and **Chamber of Commerce** are on the wharf. Visitors to Barbados who are desirous of seeing the sights to the best advantage are recommended to visit the rooms of the Barbados Improvement Association in Synagogue Lane, where they will be able to obtain every information.

Bridgetown, the capital (population 16,648), is hot and dusty. It derives its name from an Indian bridge which the first settlers found where the Chamberlain Bridge now is, and was called in its early days "The Bridge."

Père Labat, who visited the town in 1700, described it as handsome, with straight, wide, clean and well laid out streets. "The houses," he wrote, "are well built in the style of those in England with many glazed windows; they are magnificently furnished. In a word the whole place has an appearance of cleanliness, gentility and wealth which one does not find in the other islands. . . . The shops and merchants' warehouses are filled with all that one could want from every part of the world. One sees a number of goldsmiths, jewellers, clock-makers and other artificers; . . . the largest trade in America is carried on here. . . . It is said that the climate of the town is not good and that the swamp near by renders the place unhealthy. I never noticed this from the complexion of the inhabitants which is beautiful—especially that of the women. The place swarms with children, for every one is married and the women are very prolific."

The chief shopping centres are in Broad, High, Roebuck and Swan Streets, where the "stores"—as the shops are called—are quite as good as those in most provincial towns

in the Mother Country. On mail day and on Friday, which is known as planters' day, when planters flock into the city to discuss matters with their attorneys, the streets are particularly animated. The principal residential centres are in the suburbs of Belleville and Strathclyde.

The chief thoroughfare is **Broad Street**, at one end of which is **Beckwith Place** (so called after Sir George Beckwith, K.B., Governor 1808 to 1814), and at the other Trafalgar Square. The former is overlooked by the handsome building of the **Barbados Mutual Life Assurance Society**, erected in the nineties at a cost of £30,000. On the first floor are the offices of the Sugar Industry Bank and a spacious hall in which banquets are held. The Bridgetown Club occupies the whole of the second floor. The **Fountain** in Beckwith Place was the gift of Mr. John Montefiore. Behind the Barbados Mutual building are the **Jubilee Gardens**, laid out to commemorate Queen Victoria's Diamond Jubilee, and **St. Mary's Church**, which stands near the site of the first place of worship erected by the earliest settlers. The **Public Market** is in Cheapside, a little way beyond these gardens. The **Cable Office** of the West India and Panama Telegraph Company is at the corner of Lower Broad Street and McGregor Street.

Trafalgar Square, which was formerly called the "Green," contains one of the earliest statues erected to the memory of Lord Nelson. It was once claimed to be quite the first, but an earlier one was erected in Montreal in 1808. News of the hero's victory and death reached Barbados on December 20, 1805; there was a brilliant illumination three days later to celebrate the victory, while on January 5 a funeral sermon was preached at St. Michael's Church on the death of the hero. Subscriptions were invited towards the erection of the statue, and £2300 was subscribed in a few weeks. The Green was purchased for £1050, towards which sum the Legislature contributed £500. The statue, which is of bronze, and represents the Admiral in full uniform, was erected on March 22, 1813. Lieutenant-General Sir George Beckwith, the Governor of Barbados, who had already laid the first stone of the pedestal on February 24 in that year, performed

the ceremony of unveiling. The inscription on the pedestal runs :

To the Memory of
 HORATIO LORD VISCOUNT NELSON, K.B.,
 Vice-Admiral of the White,
 The Preserver of the British West Indies
 In a moment of unexampled peril ;
 The Hero, whose various and transcendent merits,
 Alike conspicuous in address, decision, action and achievement
 Throughout his whole unparalleled career of glory,
 No powers of language can sufficiently delineate,

THIS STATUE

was erected by

The grateful inhabitants of Barbados,
 On a spot of ground appropriated to it

By a public grant of

The Colonial Legislature.

In accordance with the solicitations of a select Committee,

That so sincere though humble a tribute
 Of esteem, admiration, and gratitude to their

Illustrious Deliverer

Might be rendered more congenial

To his generous and exalted spirit,

From the hand of one,

Himself a Hero and a Benefactor to this country,

The first stone of the Pedestal was deposited by

His Excellency Lieutenant-General SIR GEORGE BECKWITH, K.B.

The Beloved and Patriotic Governor of Barbados,

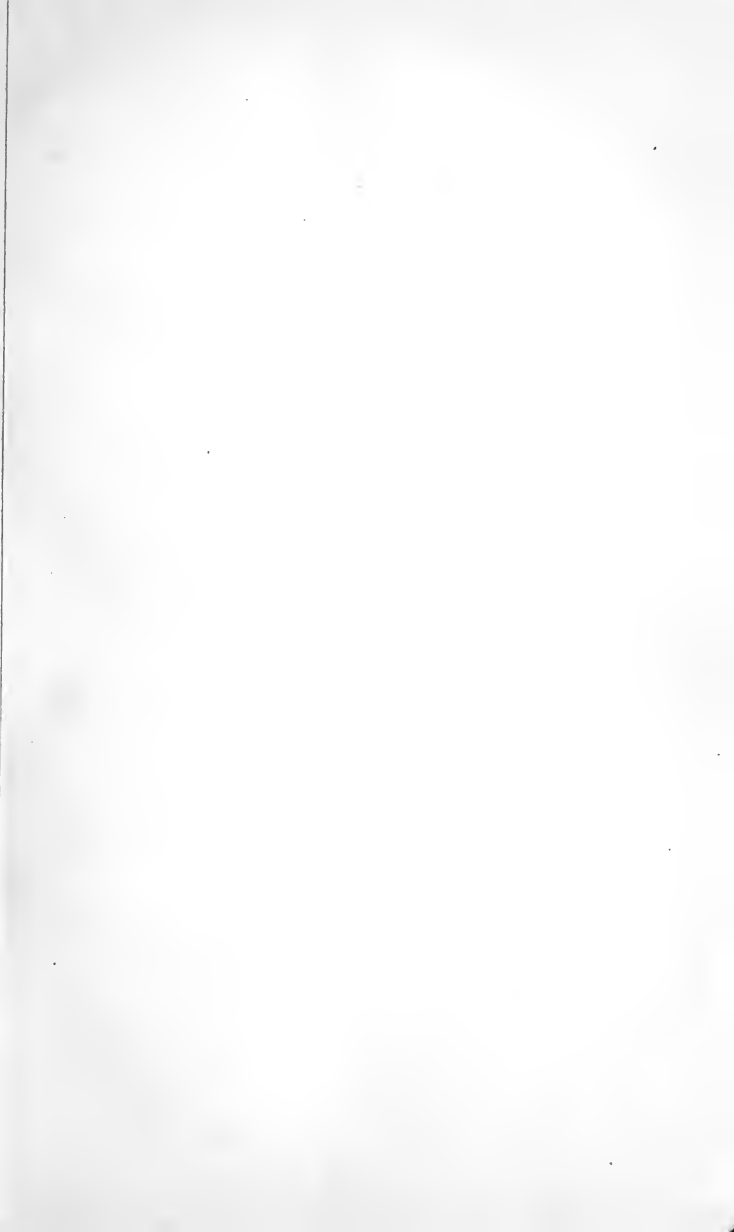
And Commander of the Forces in the Leeward Islands

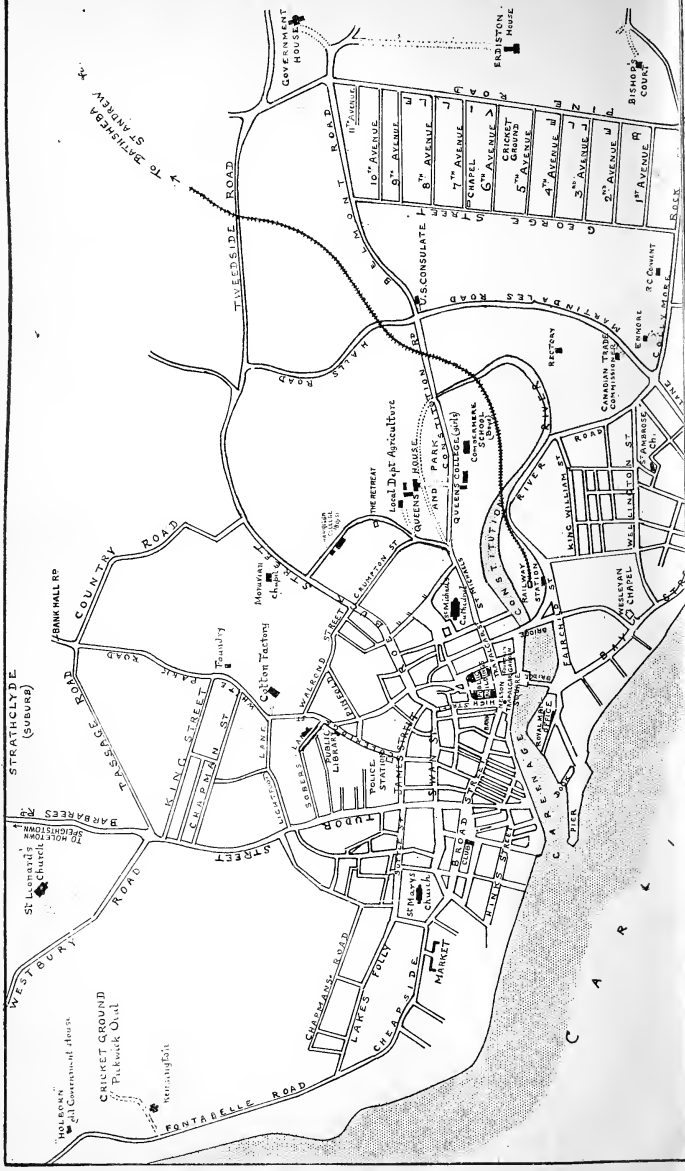
February 24, A.D. 1814.

Esto Perpetua !

On the occasion of the Nelson centenary on October 21, 1905, Trafalgar Square was again the scene of great rejoicings. The statue was decorated with flowers by day and illuminated at night, and the populace celebrated the event in a suitable manner.

The Public Buildings, which form an imposing group in Trafalgar Square, are substantially built of coral rock hewn locally, the style being a modification of the Italian Renaissance, the open arcades having Gothic instead of the usual rounded arches. They were erected from the designs of Mr. J. F. Bourne, Superintendent of Public Works, and opened in 1874. In the western wing, which is divided from the eastern by a drive studded with palms and other tropical trees, are shown the Council and Assembly rooms.





TO ST ANDREW
TO ST ANDREW

STRATHCLYDE
(SUBURB)

TO HOLBORN
TO HOUGHTON
TO LEICESTER

CRICKET GROUND
Parkwick Oval

HOLBORN
all Government offices

Warrangfa

TWEEDSIDE ROAD

FONTABELLE ROAD

CHAPMAN'S ROAD
LAKES FOLLY
CHEAPSIDE

ST MARY'S
CHURCH

MARKET

ROAD

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

STURDY

ERDISTON
HOUSE

BISHOP'S
COURT

GOVERNMENT
HOUSE

11th AVENUE
10th AVENUE
9th AVENUE
8th AVENUE
7th AVENUE
6th AVENUE
5th AVENUE
4th AVENUE
3th AVENUE
2th AVENUE
1st AVENUE

U.S. CONSULATE

THE RETREAT
Local Dept Agriculture

QUEEN'S HOUSE
AND PARK STATION

QUEEN'S COLLEGE (W.A.)
COTTAGE

RAILWAY
STATION

ROYAL
OFFICE

STURDY

STURDY

STURDY

STURDY

CANADIAN TRADE
COMMISSIONERS

RESTON

WELLSINGTON ST

WELLSINGTON ST

WELLSINGTON ST

WELLSINGTON ST

WELLSINGTON ST

WELLSINGTON ST

WELLSINGTON ST

ROCK

MARTINDALE ROAD

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

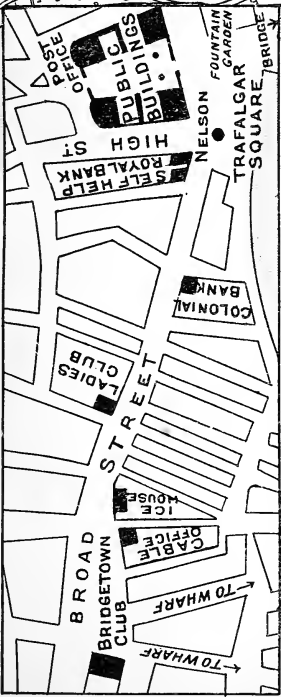
ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK

ENGLAND
C.A.L.Y. MARK



THE CENTRE OF BRIDGETOWN.

NORTH

**BRIDGETOWN
BARBADOS**

SCALE



NEEDHAM'S POINT



RAILWAY



The latter have stained glass windows, containing portraits of the sovereigns of England from James I.—during whose reign Barbados was first settled (*see page 89*)—to Victoria. In the Lobby there are paintings of the Hon. A. J. Pile and the Hon. T. Yearwood, late Speakers; Sir John Sealey and W. M. Howard,* Members of the House of Assembly; also engravings of the Hon. J. B. A. Lynch, Thomas Gill and Charles T. Cottley; and a bronze bust of Sir Conrad Reeves, a former Chief Justice and an eloquent member of the House of Assembly. In the windows of the Council Chamber are the coats-of-arms of successive Presidents of the Council and Speakers of the House of Assembly. There are also portraits on the walls of two of the Earls of Harewood, whose family have long owned property in the islands, besides one of Governor Sir James Lyon, K.C.B., the inscription on which records that it was painted at the expense of the ladies of Barbados; and one of the Hon. William Bishop, President of Barbados in 1800. In the eastern wing are the **Post Office** (overlooking Palmetto Square) and the offices of various Government departments.

In the enclosure between the two wings is a "Bearded Fig" tree (*Ficus Barbadosis*), planted in 1905 by Lady Carter on the occasion of the celebration of the tercentenary of our taking possession of the island. The small garden to the east of the buildings is known as the **Fountain Garden**.

The Anglican Cathedral, also built of coral rock, stands in St. Michael's Row, to the east of the Public Buildings. It occupies a site presented by Colonel W. Sharpe, who lies buried under the altar (his gravestone can be seen), and it replaces a building erected in the seventeenth century which was blown down by the great hurricane of 1780. The cost of building the cathedral was defrayed mainly by the money raised by a lottery which was sanctioned by the Legislature. By means of this lottery the vestry raised £5000 towards building the cathedral and £5000 for the erection of the churches of St. Thomas,

* W. M. Howard, who represented St. Philip and, later, St. Lucy for many years, was Father of the Agricultural Societies in Barbados.

St. Lucy, St. George, and Christ Church. The font dates from 1680. The inscription round the top in Greek capital characters is a palindrome and reads: ΝΙΨΟΝ ΑΝΟΜΗΜΑ ΜΗ ΜΟΝΑΝ ΟΨΙΝ ("Wash the sin not merely the skin"). Also in contracted Greek cursive is the phrase "Ἴσθι καθαρός" ("Be thou clean"). By some it is still believed that the organ was originally designed for a Roman Catholic church and that it was being conveyed to one of the French islands when it fell into the hands of Lord Nelson, who sold or gave it to St. Michael's. The reredos is from a design by George Herbert Kitchin, son of the late Dean of Durham.

The rooms of the **Women's Self-Help Association** in Trafalgar Square are a popular resort of visitors. The Association, which was started in 1907 by Lady Carter, the wife of the then Governor, with the support of the ladies of Barbados, does a useful work in relieving distressed gentlefolk. There is a sale-room, where the work of the members, including embroidery, Island pottery, old jewellery, photographs, postcards, &c., can be purchased, in addition to luncheon, tea, and toilet rooms.

The Central **Police Station** is in Coleridge Street, about a five minutes' walk from Trafalgar Square. **The Free Library**, also in Coleridge Street, was first established in 1847 with books taken from the Literary Society of Barbados and the Clerical Library. The building was the gift of Mr. Andrew Carnegie, and was opened in 1906. Above the Library is a lecture hall, which is also used for public entertainments. Adjoining is the **Town Hall**, where the Legislature met from 1729 to 1784. It now serves as the Law Courts. The cellar was formerly used as a prison. The **Cotton Factory** is about a hundred yards farther at a residence in the White Park Road which was formerly known as "Friendly Hall," and is owned by the Barbados Co-operative Cotton Factory Company Ltd. (A description of a cotton factory will be found on page 456.)

After 1905, when the garrison was withdrawn from Barbados, Queen's House, just off the Constitution Road, the official residence of the officer commanding the troops, was purchased by the local government for £3200, and the grounds, now known as **Queen's Park**, which are prettily

laid out with a lake, terrace and parterres designed by Lady Carter, the wife of the Governor at the time, were thrown open to the public on June 10, 1909. They are within an easy walk of Trafalgar Square.

Behind the Park are the buildings and grounds of **Harrison College**. Barbados has several higher-grade schools, the principal being this college and the Lodge, Combermere, Coleridge, Alleyne, and Parry schools* for boys, and Queen's College and the Alexandra school for girls, each receiving a Government grant, the total amount applied in this manner being £2625. There are also 164 primary schools for Protestants, Wesleyans, and Moravians.

Government House is quite near Bridgetown and can be approached from Trafalgar Square by Constitution Road and Government Hill. The house, which is called "Pilgrim," was first used as the residence of the officer administering the government in 1703. It can be reached by tramcars which pass within 100 yards of the entrance.

Washington's Residence. George Washington visited Barbados in 1751 with his brother Lawrence, who was an invalid. Mr. C. P. Clarke and Mr. N. Darnell Davis, after a search of the island records, are satisfied that Captain Richard Crofton's house in which the visitors stayed was one at the corner of Bay Street and Chelsea Road. George Washington sailed from Virginia on September 28, 1751, and arrived in Barbados on or about November 3, returning on board the *Industry* on December 22 in the same year. At first he and his brother experienced some difficulty in finding lodgings, until "We pitched on the house of Captain Crofton, commander of James's Fort. He was desired to come to town next day to propose his terms." These proved to be £15 a month, exclusive of liquor and washing, which "we find ourselves." Of the house Washington writes: "It is very pleasantly situated near the sea, and about a mile from town. The prospect is extensive by

* These schools received their names from a Mr. Harrison (who founded a school for poor white boys), Lord Combermere (Governor from 1817 to 1820), Bishop Coleridge (1824 to 1842), Sir John Gay Alleyne (Speaker from 1766 to 1797), and Bishop Parry (1842 to 1872).

land and pleasant by sea, as we command a view of Carlyle Bay and the shipping."

The Savannah of St. Anne's is a fine open space of some fifty acres in extent, surrounded by a belt of handsome trees, a little over a mile from Bridgetown. Formerly it was the parade ground of the garrison, but since the withdrawal of the troops in 1905-6 it has been devoted to sports of various kinds. The central building with the clock tower is now the house of the Savannah Club, which organises games of polo twice a week and race meetings on a course round the Savannah periodically. The Club has several excellent tennis lawns and well-kept golf links. To the north of the club-house is the property known as Bush Hill, and at the intersection of the roads stands a monolith to the memory of fourteen soldiers and a married woman of the 36th Regiment (now the 2nd Bn. Worcestershire Regiment), who were killed in the hurricane of 1831. It is inscribed :

NEAR THIS SPOT REST THE REMAINS OF FOURTEEN SOLDIERS
AND ONE MARRIED WOMAN OF THE 36TH REGIMENT WHO WERE
KILLED BY THE DESTRUCTION OF THE BARRACKS AND HOSPITAL
DURING THE AWFUL VISITATION OF THE HURRICANE
AUGUST 11TH, 1831.

THIS MONUMENT IS ERECTED BY THE NON-COMMISSIONED
OFFICERS AND PRIVATES OF THE SAME CORPS AS A TRIBUTE
OF RESPECT TO THE MEMORY OF THEIR DEPARTED COMRADES.
PEACE TO THEIR REMAINS.

JOHN LOWTHER FECIT.

The hurricane, which took place on August 11, was one of exceptional violence. Sir James Lyon, the then Governor, in his official report, which was published in the *London Gazette* of October 27, said :

On the evening of the 10th the sun set on a landscape of the greatest beauty and fertility, and rose on the following morning over an utter desolation and waste. The prospect at the break of day on the 11th inst. was that of January in Europe—every tree, if not entirely rooted up, was deprived of its foliage and of many of its branches ; every house within my view was levelled with the ground, or materially damaged ; and every hour brought intelligence of the most lamentable accidents, and of very many shocking deaths.

This monolith was originally erected near the Military Hospital at Hastings.

At the cross roads beyond the **Grand Stand** is another somewhat severe monument, to the memory of Lieut.-Colonel Patrick Henderson and of the officers and men of the Royal York Rangers who fell in action in the campaign in Martinique, the Saintes and Guadeloupe in 1809-10. It is inscribed :

SACRED
TO THE
MEMORY OF LIEUTENANT-COLONEL PATRICK HENDERSON,
OF THE YORK LIGHT INFANTRY VOLUNTEERS,
WHO EXPIRED AT GUADELOUPE, AS MAJOR COMMANDING
THE ROYAL YORK RANGERS, ON THE 28TH OF AUGUST, 1810,
IGNORANT OF THE PROMOTION CONFERRED UPON HIM
BY HIS SOVEREIGN FOR HIS BRILLIANT AND IMPORTANT
SERVICES AT THE HEAD OF THIS CORPS DURING THE
CAMPAIGNS OF 1809 AND 1810,
AT
MARTINIQUE AND GUADELOUPE.
THIS TABLET
IS INSCRIBED
BY
LIEUTENANT-GENERAL SIR GEORGE BECKWITH, K.B.,
COMMANDER OF THE FORCES,
AS A MARK NOT ONLY OF PRIVATE FRIENDSHIP, BUT AS A
TESTIMONY OF PUBLIC RESPECT FOR HIS MILITARY
CHARACTER.

TO THE MEMORY
OF
THE UNDER-NAMED OFFICERS AND SOLDIERS
OF
THE ROYAL RANGERS
WHO FELL IN ACTION IN THE ARMY COMMANDED BY
LIEUT.-GENERAL SIR GEORGE BECKWITH, K.B., AT THE
REDUCTION OF THE FRENCH COLONIES OF MARTINIQUE,
THE SAINTES, AND GUADELOUPE IN 1809 AND 1810
LIEUTENANTS.—JOHN SYMONS, P. G. COPLEY, SAM GREGG,
ROBT. MARTINEAU
SERJEANTS.—SYLVAN NANNOO, JAS. MAXWELL, J. B. RODGERSON
CORPORALS.—CHAS. COLLINS, WM. KNIGHT, WM. LEE.
DRUMMER.—JAS. FOLEY.

[The names of forty-three privates follow.]

St. Anne's Castle, a quaint fort facing the bay, was erected in 1703 by Sir Bevil Granville, in honour of Queen Anne.

Hastings Rocks (20 minutes by tram) is another lung

of Bridgetown, where the band plays periodically. It commands a charming view of the sea. Beyond Hastings are the seaside villages of Worthing and St. Lawrence, where excellent bathing can be obtained.

Country Excursions

The country excursions which can be made from Bridgetown are numerous, and each one of them can be enjoyed in a day or less. The Windward Coast, however, deserves a much longer stay.

The **Cotton Tower**, St. Joseph (1 hour by motor, 1½ hours by carriage), once a signal station, is the third highest position in the island (1091 ft.). It stands at the top of a narrow defile, leading towards St. Joseph's Church, which has been called the Devil's Bowling Alley.

St. John's Church (14 miles; 1 hour by motor-car, 1½ hours by carriage from Bridgetown) stands at a short distance from the edge of a cliff 824 ft. high, which commands an extensive view of the coral-fringed Windward Coast. In the churchyard is pointed out the tomb of Ferdinando Paleologus, the last descendant of the Greek Christian Emperors of that name, who were driven from Constantinople by the Turks. He was the son of Theodoro Paleologus (who was buried at Llandulph in Cornwall) by his wife Mary Balls, and he was successively vestryman, sidesman, churchwarden, and trustee of St. John's Church in the seventeenth century. The tradition of the death and burial of a Greek prince from Cornwall was for many years current in Barbados; and when the Church of St. John was destroyed by the hurricane of 1831, the coffin of Ferdinando Paleologus was discovered in the vault of Sir Peter Colleton under the organ loft. The remains were reinterred in a vault belonging to Josiah Heath, Esq., in 1906, and a memorial stone was erected by public subscription to mark the place where they now rest. The memorial, made of Portland stone, represents the porch of a Greek temple, with Doric columns and with the cross of Constantine in the centre. It bears the following inscription, the wording of which was borrowed

as far as possible from the monument of Theodoro Paleologus in Llandulph Church, Cornwall :

HERE LYETH YE BODY OF
FERDINANDO PALEOLOGUS
DESCENDED FROM YE IMPERIAL LYNE
OF YE LAST CHRISTIAN
EMPERORS OF GREECE
CHURCHWARDEN OF THIS PARISH
1655-1656,
VESTRYMAN, TWENTYE YEARS.
DIED OCT. 3. 1678.

The altar desk in the church, presented by Mr. J. C. Lewis, is inscribed "M.X. to F. Paleologus, Obt. 1678."

The church was erected at a cost of £4000 in 1836 to replace one built in 1676 which was completely destroyed by the hurricane of 1831. It has a handsome set of silver-gilt altar plate, presented by Mr. Robert Haynes. The stained glass windows were the gifts of the Thomas and Gittens families; the wooden pulpit, carved by a local craftsman, was given by Mr. George Sealy, and the Caen stone font with marble columns by Dr. Thomas.

From **Hackleton's Cliff**, St. Joseph, which is 997 ft. high (12 miles; 1 hour by motor, 2 hours by carriage from Bridgetown) the view over St. Andrew's and the hilly Scotland District of the island is even more attractive than that from St. John's Church. Dealing with it in his "History of Barbados," the Rev. G. Hughes quoted Glover's description of the Straits of Thermopylæ :

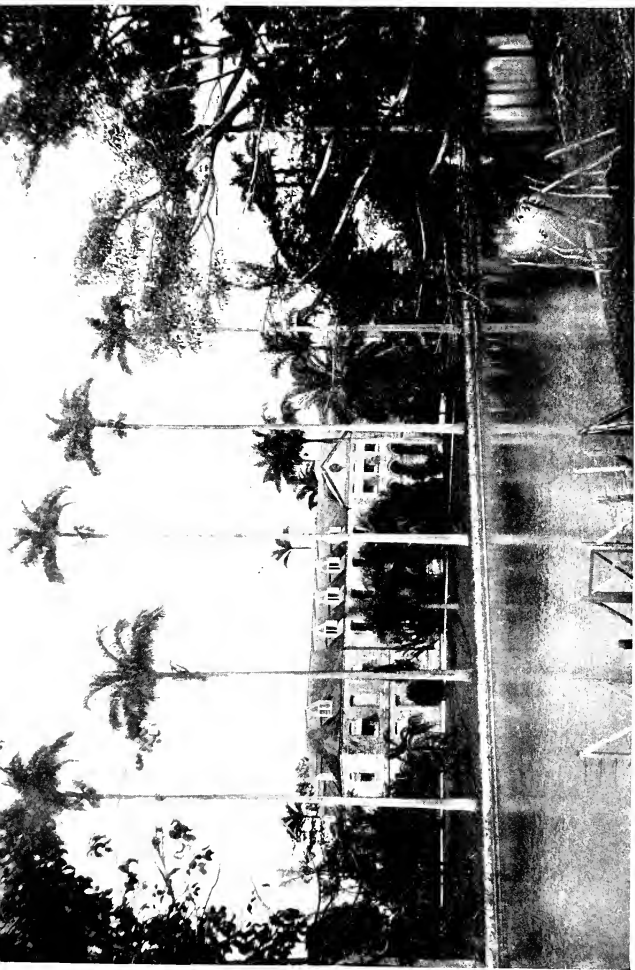
There the lofty cliffs
Of woody Aeta overlook the Pass;
And far beyond, o'er half the surge below,
Their horrid umbrage cast.

Mr. Hughes mentions also that when we first settled the island catacombs were found dug out of the rocks in the face of this cliff, "where lie the Remains of those, who, like the Patriarchs of old, procured to themselves Places of Rest."

Bowmanston Waterworks, St. John (1 hour by motor, 1½ hours by carriage). One of the principal sources of water-supply for Barbados is an underground stream

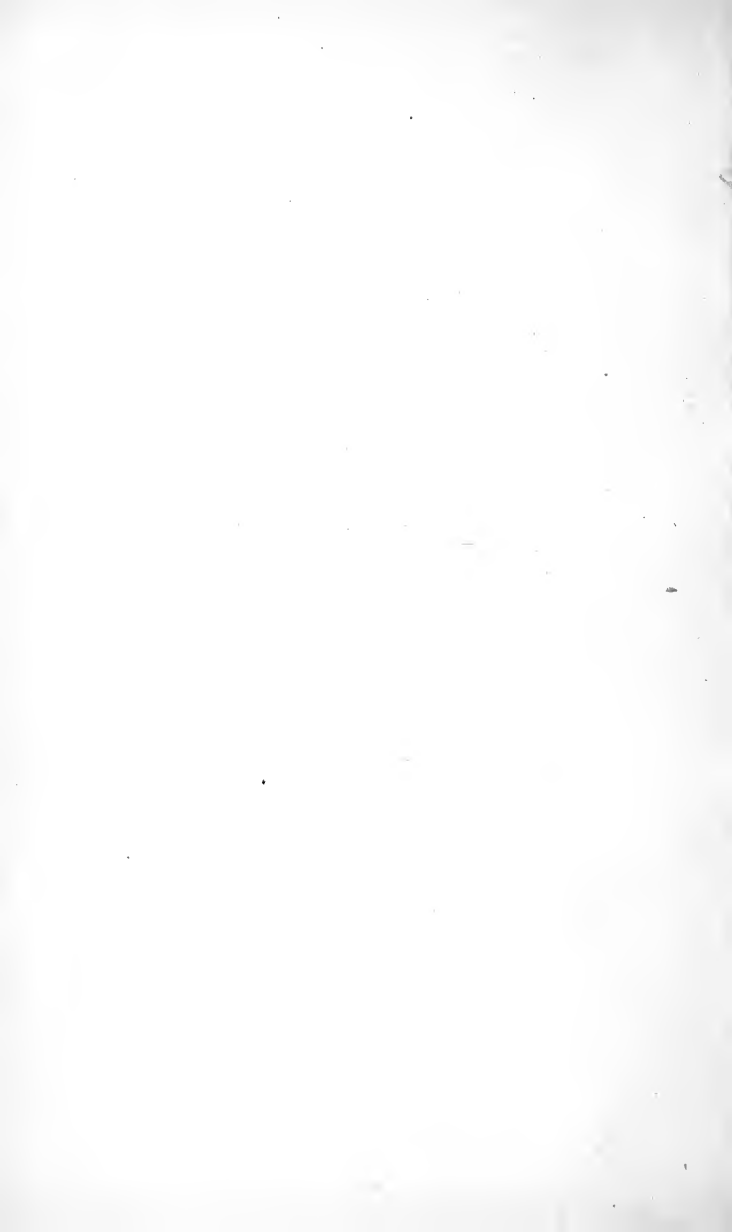
at Bowmanston in St. John's parish. The water is pumped from a cave 250 ft. below the surface and 350 ft. above sea-level. This cave, which is of great geological interest, varies in width from 10 ft. to 30 ft. and from 35 ft. to as much as 50 ft. in height. The water runs with great speed in a southerly direction and has a daily average flow of three million imperial gallons. The water percolates through the coral rock, which absorbs the rainfall very readily. The engines at the pumping station can raise two million gallons daily. Waterworks were first established in Barbados in 1861, and the island now has a splendid system of water-supply, as the numerous and well patronised standpipes (sometimes called by the blacks "Queen Victoria's pumps") all over the island demonstrate.

One of the most picturesque, and at the same time interesting, places in the island is **Codrington College** (15 miles; $1\frac{1}{4}$ hours by motor-car, 2 hours by carriage, 1 hour by rail to College Siding), which stands on the side of a hill overlooking the sea on the Windward Coast. Codrington, which is the oldest university college in the West Indies, is affiliated to Durham. It was founded by Christopher Codrington, Governor-General of the Leeward Islands, who died in 1710, and bequeathed two sugar estates, "Consett's" and "Codrington's"—now called "College" and "Society"—which consisted of 763 acres, three windmills with the necessary building for the cultivation of sugar, 315 negroes, and 100 head of cattle, to the Society for the Propagation of the Gospel, in trust for the maintenance of a convenient number of professors and scholars, "all of them to be under the vows of poverty, chastity, and obedience; who shall be obliged to study and practise Physic and Chirurgery, as well as Divinity; that by the apparent usefulness of the former to all mankind they may both endear themselves to the people and have the better opportunities of doing good to men's souls, whilst they are taking care of their bodies." At that time the plantations were computed to yield a net income of £2000 clear of all charges. The erection of the college buildings was begun in 1716, and the masonry was finished in 1721; but it was many years before the college was



CODRINGTON COLLEGE, BARBADOS

Showing the magnificent cabbage palms (*Oreodoxa oleracea*). "It was not easy . . . to believe that these strange and noble things were trees." (Kingsley)



completed, owing to a debt due to the Society from the estates, which was not cleared off until 1738. The stone used, which is a conglomerate of limestone, was taken from the hill behind the college, and the timber was brought, at Government expense, in ships of the Royal Navy from Tobago and St. Vincent. The college was first opened as a grammar school on September 9, 1745. Hurricanes and other disasters impoverished the estates, and it was not until 1834 that it was placed on a proper academic footing by Bishop Coleridge. In 1875 it was affiliated to Durham. Successive Principals have been: Rev. J. H. Pinder, 1830; Rev. Richard Rawle, 1846-1864; Rev. W. T. Webb, 1864-1884; Rev. A. Caldecott, 1884-1886; Bishop Rawle, 1888-1889; the Rev. (now Archdeacon) T. H. Bindley, 1890-1909; and Rev. A. H. Anstey. In 1898 Codrington College passed through a serious crisis, the revenue from the sugar estates being insufficient for its maintenance, but with the help of the West India Committee an emergency fund was raised and an impending calamity averted.

A walk of twenty minutes up the hillside from Bath Station on the railway ($15\frac{3}{4}$ miles by train from Bridgetown) brings the visitor to the handsome college buildings. In front of them is a broad lake, behind which rises a hill. On it is situated the "Society" Chapel and graveyard, a prominent feature of which is a cairn of stones, surmounted by a granite monolithic cross, under which lie the remains of Bishop Rawle. The cairn is inscribed:

RICHARD RAWLE—BISHOP
PRINCIPAL
OF
CODRINGTON COLLEGE
BORN 1811
DIED 1889

The best view of the college buildings is obtained from this position. On the left is the Principal's residence, formerly the "Great House" of the estate and one of the oldest as well as the most handsome buildings in Barbados. On the right is the college proper, with lecture

rooms, dining-hall, and chapel below, and the students' quarters above, the whole being by no means unlike the so-called "New Buildings" at Magdalen College, Oxford. The chapel, which is beautifully panelled with cedar and mahogany, was first used on St. Barnabas' Day, 1748. The glass mosaic of the "Good Shepherd," the work of James Powell of Whitefriars, was presented by Mr. William Grey, afterwards Lord Stamford, and friends in 1882. The brass chandelier was the gift of Mr. Henry Pratt and St. John's Parish, and the lectern was subscribed for by the Bishops of the Province, who held their Synod at the College in 1887. The mahogany sanctuary rails and gates are good examples of local work, while the altar, with beautiful pedestals of ebony cordia and lignum vitæ, was fashioned by Benjamin Thorne, a native cabinet-maker. Behind the high table in the hall is a bust of the founder copied by Grimsley of Oxford from the statue by Sir Henry Cheere in the Library of All Souls, of which Codrington was also a benefactor. It was presented by the Warden and Fellows of All Souls, and was placed in position in 1843. Above the bust and over the doors on either side are the arms of Archbishop Howley, President of the S.P.G., by whom the college was opened, and Dr. Coleridge, Bishop of Barbados, first visitor of the College. A magnificent avenue of cabbage palms or palmistes (*Oreodoxa oleracea*) leads from a triple arched portico, which divides the chapel from the hall, to the foot of the hill, and a row of these stately trees also fringes the lake, contributing in no small degree to the beauty of the scene. Many of the trees, which are fully 80 ft. in height—the tallest is over 100 ft.—are computed to be more than one hundred years old. Two royal palms were planted at the end of the avenue nearest to the belfry on December 31, 1879, by Princes Albert Victor and George of Wales. But the one planted by Prince Albert Victor died, and when in 1892 the news of the death of the beloved Prince reached the island, the negroes were not at all surprised. "We knew Prince Eddy die soon," they said, "his cabbage die"! Kingsley first saw cabbage palms, which form such a conspicuous feature of West Indian scenery, in St. Kitts,

and he was much struck by their beauty. "Grey pillars, which seemed taller than the tallest poplars, smooth and cylindrical as those of a Doric temple. . . . It was not easy . . . to believe that these strange and noble things were trees," he wrote. The college possesses a large swimming bath. On the beams supporting the roof are the following lines, the first four of which are from Samuel Rogers' "Epistle to a Friend," while the others were composed by Principal Rawle :

Emblem of life which, still as we survey,
 Seems motionless, yet ever glides away.
 Emblem of youthful wisdom to endure,
 Still changing yet unchangeably still pure.
 Like this fresh cleansing wave still useful be,
 Though rough thy passage to the boundless sea.
 Still in that sea thou shalt not stagnant lie,
 But ever useful tasks of blessing ply.

And on the reverse side of the beams :

Of sacred scenes these crystal streams may tell,
 Bethesda's pool or soft Siloam's well.
 Enjoy the pleasures these pure waters give,
 But think of those which make the bathers live.
 There is a fountain, Holy Scriptures say,
 Where souls may bathe and sins be washed away.
 Let all thy studies help thee Him to know
 Through Whom for thee those heavenly waters flow.

Bathsheba, St. Joseph (14 miles ; $1\frac{1}{4}$ hours by motor-car, 2 hours by carriage, $19\frac{3}{4}$ miles by rail, from Bridgetown), a popular seaside resort, and **Chalky Mount**, both on the Windward Coast, are reached by the Barbados Light Railway. From Bathsheba the Potteries on the top of the "Mount" can be visited. They are difficult to approach by carriage. Here the crude, though picturesque earthenware "guglets," "monkeys," and "conerees," as they are called according to their shape, are fashioned by skilful black artificers at their very primitive potter's sheds. At Bathsheba it is pretty to see the flying fish fleet return after its labours. The little vessels of about 16 ft. in length of which it is composed pick their way through the openings of the coral reef, and it seems remarkable that they are not upset. Each boat is manned

by the proverbial two men and a boy and each carries three nets. The owner gets a third of the proceeds of each day and the rest is divided. There are about two hundred boats on the coast and they are busily employed, except during the three hurricane months when they do not go out at all. The most enjoyable way of seeing Chalky Mount is to make up a picnic party and go by train, and lunch at the "Benab" just under the Mount, a bungalow belonging to Mr. R. H. Emptage. From there the Potteries can be reached afoot. Chalky Mount, which rises almost from the beach to a height of 571 ft., is composed of clay and limestone with some ferruginous deposit. It is very rugged and consequently a stiff climb. Indeed, except by a goat track on the west side it is almost inaccessible. The hill has three peaks, and its geological formation is very curious, the disturbed strata, which owing to the absence of vegetation can easily be seen except on the lower slopes, pointing to former convulsions, some say of a volcanic nature. Apart from the Benab there are no houses nearer than two miles, and passing trains once or twice a day are the only reminder of civilisation in this lonely spot.

The Crane, St. Philip (14 miles; 1 $\frac{3}{4}$ hours by motor, 2 hours by carriage from Bridgetown), on the rugged south-east coast, is much resorted to for health and pleasure. It can be reached by carriage or by train to Bushy Park and thence by carriage, or by motor-car. It was once an important shipping place and took its name from the crane which was used in hoisting produce and goods. The coast here is rugged and very picturesque. To the south is a delightful pool called the Mare, while to the north is the celebrated **Dawlish Bounce**, where a sea-water bath can be enjoyed without the bather going into the sea.

Long Bay or Lord's Castle, St. Philip (1 hour by motor, 2 hours by carriage), is situated about a mile from the Crane Hotel. It is one of the finest mansions in the West Indies, but for many years it has been unoccupied. The present structure was built in 1820 for Mr. Samuel Hall Lord, to replace the original building, which dated

from 1780. In shape it is square ; it has four entrances approached by black and white marble steps, and is surmounted with battlements. The walls are immensely thick, and well calculated to withstand hurricanes. In 1831 the outside of the house was being repaired when it was struck by the terrific cyclone of August 11, and though the scaffolding was carried off by force of the wind and deposited in the mill-yard of the Three Houses Estate, *three miles away*, the building was uninjured. The chief features of the interior are the handsome ceilings in plaster-work. A man named Warren was brought out to do the work in the old slavery days as a militiaman, when the planters were bound by law to leaven their holding of blacks with a certain number of white men. But though he is generally credited with it he really did very little, the bulk being done by one Charles Rutter, whose son was recently employed to repair the ceilings. The work took Rutter and Randals, who was also brought out, three and a half years to complete. At the end of the long drawing-room and dining-room there are handsome mahogany columns made from trees grown in the island. The large looking-glasses, now dulled by age, convey some idea of the magnificent scale on which the house was furnished, and it is recorded that it was filled with priceless china and Chippendale furniture, of which a few specimens still remain. The present owner of the house, which Schomburgk describes as "an oasis in the desert," is Mr. William H. Trollope. Before the lighthouse at Ragged Point was erected, the wrecks on the Cobblers, a long low coast reef which almost closes in Long Bay, were significantly numerous, and many were the weird tales of lanterns tied to the branches of the coco-nut trees to snare sailors to their doom which used to be recounted by the "oldest inhabitants." A large number of the coco-nut trees, under which the fallow-deer roamed, still remain.

Ragged Point, St. Philip (15 miles ; 1 hour by motor, 2 hours by carriage). This lighthouse is generally the first landmark sighted on nearing Barbados. The view of the Atlantic from it is very fine, and the spot is a favourite

pleasure resort. The little island near by is known as Culpepper's Island.

Visitors interested in social questions or in agriculture should obtain permission to inspect **Dod's Reformatory**, also in St. Philip, which was established in 1883. On the lands attached to it is a botanical station where sugar-cane seedling experiments are conducted.

On the way to or from Lord's Castle **Christ Church** ($\frac{1}{2}$ hour by motor-car, 1 hour by carriage) can be visited. It was erected in 1837 from designs by Captain Senhouse, R.N., at a cost of £4000, to replace a building destroyed by the hurricane of 1831.

For those of a psychological turn of mind, a visit to the churchyard has a peculiar and absorbing interest. A strange occurrence took place there in 1820, the cause of which has never been satisfactorily explained. Whenever a certain vault, which had been hermetically sealed, was opened, the coffins which it contained were found in a state of confusion. It was generally believed that this was due to some supernatural agency. Whether this was so or not it must be left to the reader to judge after the perusal of the following authentic account, compiled by the late Hon. Forster M. Alleyne in 1908 :

The "Barbados Coffin Story" has been told many times: by Sir Robert Schomburgk in his "History of Barbados"; by Viscountess Combermere in the life of her husband, Governor of the island at the time the event occurred, who based her account on an anonymous pamphlet entitled "Death Deeds"; by Mr. Robert Reece in the columns of *Once a Week*, and, perhaps, by many others. I myself heard the story from the lips of Sir Robert Bowcher Clarke, who was present at the opening of the vault, and my own father, though not present at the opening, was in the island at the time, and made mention of it to his sister in England, as is evidenced by a letter from her to him, which is still in my possession. Some months ago Mr. Andrew Lang wrote to me that a similar disturbance among coffins had taken place in the public cemetery at Arensburg, on the island of Oesel, in the Baltic, in 1844, as detailed by R. Dale Owen in his "Footfalls on the Boundary of Another World." Numerous high authorities were quoted for the verification of this event, and it is stated that an official inquiry was made into the circumstance, and the report was signed by all its members and placed on record in the consistory, where it "is to be found

among its archives, and may be examined by any traveller." An inquiry by the Society for Psychical Research revealed the fact that there is no such document in existence, nor is any such story known to the owner of the vault.

I therefore asked myself, what authentic evidence had we to prove that our Barbados story was really true? That it was so, I had not the smallest doubt, but how could I prove it? Indeed Mr. Lang wrote to me saying that he had read a paper before the Folk-Lore Society on the subject, and it was received very sceptically by the President, and, in fact, was treated with scant interest. I therefore determined to see if I could not obtain first-hand authentic proof. My first step was to go to Christ Church, the place where the vault is situated. I examined the Burial Register and found the names of the occupants of the vault, as will be given below, and their interments duly attested by the Rector, Dr. Orderson, but absolutely without comment, and not the smallest hint that anything extraordinary had taken place. I had the Parochial Treasurer's accounts examined, thinking that some clue might be obtained from them, but there was nothing. Neither do the files of contemporary newspapers which are still extant make any mention of it. Some time afterwards, when I was almost in despair, for I had only discovered several old copies of lists of the interments, evidently furnished by Dr. Orderson, with comments on the disturbances among the coffins, I heard accidentally that the Hon. Nathan Lucas, M.L.C., whose name is always mentioned as having been present at the opening of the vault on April 18, 1820, together with Lord Combermere and others, had left a large number of manuscript volumes. These are all written in his own hand and contain copies of old records, as well as notes of topographical and archæological interest, and narrations of other occurrences within his memory. I found that some of them had passed into the possession of Mr. Racker, the proprietor of the *Agricultural Reporter*, who kindly lent me one of them, which contains a detailed account of the opening of the vault. This, then, is an absolutely authentic document; it is in the handwriting of Mr. Nathan Lucas, who was himself an eye-witness, and is attested by the then Rector of Christ Church, the Rev. Thomas D. Orderson, D.D. It also contains drawings of the vault, and of the position of the coffins, made on the spot by the Hon. Major Finch, Lord Combermere's A.D.C., and similarly attested by Dr. Orderson.

I now transcribe Mr. Nathan Lucas' statement, which has never before been printed; it is stamped with truth in every word, and the original of it is still extant. I need only add that it was always believed that Lord Combermere sent home to England an official account of the occurrence duly certified; but a careful search at the Record Office has hitherto produced no results. It is fortunate, therefore, that in the original of the subjoined narrative we have a document which places the truth of the story beyond all cavil.

“This Vault,” it runs, “is in the west end of the Churchyard, next the wall of the stable. Part is dug out of the live rock; all the rest is wall, arched at the top. The rock is the common Lime Stone of the Island. It is an appurtenance to Adam’s Castle Estate, which formerly belonged to the family of Walrond, from whom it passed to the Elliots, and is still called ‘Walrond’s Plantation.’ How it came to the family of Adams I am not informed. The entrance into it, over the steps, is closed with a ponderous slab of blue Devonshire marble; the front is closed with a double wall, from top to bottom, an inner and outer, not united. On the tombstone is the following inscription, exactly copied for me by the Rector of the parish, the Revd. Doctor Thomas Harrison Orderson :

“ ‘HERE LIES THE BODY OF
 THE HONBLE. JAMES ELLIOT, ESQ.,
 SON OF THE HONBLE. RICHARD ELLIOT, ESQ.,
 HE MARRIED ELIZABETH THE DAUGHTER OF
 THE HONBLE. THOMAS WALROND, ESQ., OF THIS ISLAND,
 HE WAS BRAVE, HOSPITABLE AND COURTEOUS
 OF GREAT INTEGRITY IN HIS ACTIONS;
 AND CONSPICUOUS FOR HIS JUDGEMENT AND
 VIVACITY IN CONVERSATION.
 AFTER HIS MERIT HAD ADVANCED HIM TO THE
 HONOUR OF BEING ONE OF HIS MAJESTY’S COUNCIL
 HE WAS SNATCHED AWAY FROM US
 THE 14TH OF MAY ANNO DOMINI 1724
 IN THE 34TH YEAR OF HIS AGE,
 AND DIED LAMENTED BY ALL WHO KNEW HIM.
 IN HONOUR TO HIS MEMORY HIS TRULY SORROWFUL
 WIDOW HAS ERECTED THIS TOMB.’

“In this vault the leaden coffins having been found displaced several times, it became a matter of curiosity and inquiry; and being at Eldridge’s Plantation, next the Church, in Company with the Right Honble. Lord Combermere, on a visit to the Proprietor, Robert Bowcher Clarke, Esq., on the 18th of April, 1820, it became a subject of conversation at noon, when the negroes were coming home from the field. We took eight or ten of the men directly with us to the Churchyard, to open the Vault, and sent off for the Rector, The Revd. Dr. Thos. H. Orderson, who very soon arrived. His Lordship, myself, Robert Bowcher Clarke, and Rowland Cotton, Esq., were present during the whole time.

“On our arrival at the Vault, every outward appearance was perfect, not a blade of grass or stone touched; indeed collusion or deception was impossible; for neither ourselves nor the negroes knew anything of the matter; for the subject was hardly started in conversation before we set out for inspection; and the Churchyard cannot exceed half a mile from Eldridge’s.

The annexed drawing with the references was made for me at the instance of the Doctor, copied from one sketched on the spot by the Honble. Major Finch, who very soon joined our party at the Vault. The following particulars were obligingly supplied by the Doctor. I was present from beginning to end: and no illusion, trick, or deception could have been practised.

“ ‘Parish of Christ Church. In the Churchyard there is a Vault, which by the Inscription on the Tomb belongs to the Elliot family, in which Vault no person had been buried for many years. In July 1807, application was made to the Rector to permit the remains of Mrs. Thomasina Goddard to be interred in the Vault; and when it was opened for her reception, it was quite empty, without the smallest appearance of any person having been buried there. Mrs. Goddard was buried July 31st, 1807. February 22nd, 1808, Mary Anna Maria Chase, Infant daughter of the Honble. Thomas Chase was buried in the same Vault in a *Leaden Coffin*. When the Vault was opened for the reception of the Infant, the Coffin of Mrs. Goddard was in its proper place. July 6th, 1812, Dorcas Chase, daughter of the Honble. Thomas Chase was buried in the same Vault. Upon the Vault being opened for her reception, the two *Leaden Coffins* were evidently removed from the situation in which they had been placed; particularly the Infant, which had been thrown from the North East corner of the Vault where it had been placed, to the opposite angle: The Coffin was nearly upright in the corner, but the head was down to the ground. September the 25th, 1816, Samuel Brewster Ames, an Infant was buried; and the *Leaden Coffins*, when the Vault was opened, were removed from their places, and were in much disorder. November 17th, 1816, the Body of Samuel Brewster (who had been murdered in the Insurrection of Slaves on the 15th of April preceding and who had been previously buried in the Parish of St. Philip) was removed and interred in the Vault, and great confusion and disorder were discovered in the *Leaden Coffins*. July 7th, 1819, Thomasina Clarke was buried in the same Vault, and upon its being opened much confusion was again discovered among the *Leaden Coffins*.

“ ‘N.B.—When Miss Clarke was buried, the Coffin of Mrs. Goddard had fallen to pieces; and was tied up in a small bundle, between Miss Clarke’s coffin and the Wall; and on April 18th, 1820, the bundle was *in situ*. At each time the Vault was opened, the coffins were replaced in their proper situations; and the mouth of the Vault was regularly closed and cemented by Masons, in the presence of the Rector and some other persons. On the 7th of July, 1819, private marks had been made at the mouth of the Vault in the Mason work, and on the 18th day of April 1820 *the marks were perfect*.

“ ‘On the 18th day of April 1820 the Vault was opened at the request of Lord Combermere, in the presence of his Lordship

The Honble. Nathan Lucas, Robert Bowcher Clarke, and Rowland Cotton, Esq. The two annexed drawings represent the situation of the Coffins. No. 1 as they were left on the 7th of July, 1819; and No. 2 the situation they were found in the 18th April, 1820. [The drawings are not reproduced.]

" Mary Anna Maria Chase Dorcas Chase Honble. Thomas Chase S. B. Ames and S. Brewster	}	were in <i>Leaden</i> Coffins.	Mrs. Goddard Miss Th. Clarke	}	were in Wooden Coffins.
--------------------------------------------------------------------------------------------------------	---	--------------------------------------	---------------------------------	---	-------------------------------

" Since the 18th of April, 1820, all the Coffins have been removed from the Vault at the desire of Mrs. Chase, and have been buried in a grave, and the Vault still continues open. The Vault is dug in the ground, about two feet in the live rock; and the descent into it is covered with a large block of blue Devonshire marble; which will take some hours to be removed and replaced again in its proper situation. It will take at least four able men to remove the stone.

" Certified March 26th, 1824.

" T. H. ORDERSON, D.D.

" Rector.

" For The Honble. Nathan Lucas.'

" In England, at this day, the body is first enclosed in a shell; that in lead, and lastly, the Coffin of State without all, ornamented, etc.

" In Barbados, it is otherwise; the body is put at once into a Coffin of State, etc., and that is inclosed in Lead, at the Grave, and is without the wooden Coffin.

" The Children's coffins were placed upon bricks in the Vault. Mr. Chase's on the Rock, the bottom of the Vault. Now how could one of the *Leaden* Coffins be set upon end against the wall?

" Why were the coffins of wood *in situ*? and why was the bundle of Mrs. Goddard's decayed Coffin found where it had been left? Wood certainly would first float. There was no vestige of water to be discovered in the Vault; no marks where it had been; and the Vault is in a level Churchyard, by no means in a fall much less in a run of water. Earthquake could not have done this without levelling the Churchyard to the ground.

" Being informed some time after that a similar occurrence had been said to have happened in England, I had the account looked for, and the following copy was given to me; I did not see the work from whence it was extracted, but I have no reason to doubt the accuracy of it.

" From the European Magazine for September 1815.

" 'The Curious Vault at Stanton in Suffolk.'

" (Qy. Which of the Stantons? N.L.)

“ ‘ On opening it some years since, several *Leaden Coffins*, with wooden cases, that had been fixed on biers, were found displaced to the great astonishment of many inhabitants of the village. The Coffins were placed as before, and properly closed : when some time ago, another of the family dying, they were a second time found displaced ; and two years after, they were not only found all off the biers, but one coffin as heavy as to require eight men to raise it was found on the fourth step that leads into the Vault.’

“ Whence arose this operation, in which it is certain no one had a hand ? N.B. It was occasioned by water, as is imagined, though no sign of it appeared at the different periods of time that the Vault was opened.”

(The following is the statement of Mr. Lucas as regards the Christ Church Vault.)

“ I examined the walls, the Arch and every part of the Vault, and found every part old and similar ; and a mason in my presence struck every part of the bottom with his hammer, and all was solid. I confess myself at a loss to account for the movements of these *Leaden Coffins*. Thieves certainly had no hand in it ; and as for any practical wit or hoax, so many were requisite to be trusted with the secret for it to remain unknown ; and as for negroes having anything to do with it, their superstitious fear of the Dead and everything belonging to them preclude any idea of the kind.—All I know is that it happened, and that I was an Eye witness of the fact !!! ”

So superstitious did the people become that it was decided to close the vault. The coffins were removed and buried elsewhere in the churchyard in separate graves. The vault now stands deserted and forlorn, and if curiosity prompts him to enter it the visitor will probably find nothing inside except perhaps some stray leaves and a few bones thrown there at some later date. The **Old Churchyard**, Christ Church, contains several notable monuments.

Oistin's Town, Christ Church ($\frac{3}{4}$ hour by motor-car, $1\frac{1}{4}$ hours by carriage), is a small fishing village chiefly notable as having been the place where, at “ *Ye Mermaid's Inn*,” the articles for the capitulation of Barbados were signed by the Royalist Commissioners of Barbados and the Commissioners of the Commonwealth in 1652, after a stubborn defence. No trace of the inn, which was kept by a Welshman, now remains.

A beautiful view of Oistin's is obtainable from **Kendal Fort**—so-called from James Kendal, Governor from 1689

to 1694. A pathway across the fields leads to a spot where a few guns still remain, but the stonework has been removed. **South Point Lighthouse** (90 ft. high) which is built throughout of iron, also commands an extensive view.

In the Parish Church of **St. George** a painting of the Resurrection by the American Quaker painter Benjamin West, afterwards President of the Royal Academy, is to be seen. Mr. Frere, the then owner of "Lower Estate," commissioned West to paint the picture for the altar in 1786, but when the painting arrived it was put away in an outhouse on the estate in consequence of a dispute with Mr. Thomas, the Rector. It will be noticed that the eye of the centurion is damaged. This is due to the act of a carpenter of burglarious intent who broke into the outhouse and was so alarmed at the fixed manner in which the centurion was glaring at him that he pushed the eye in. The picture was sent to England to be repaired; but West had meanwhile died, and no artist of repute would meddle with the work. The vestry once refused an offer of £2000 for the painting.

Gun Hill, St. George (6 miles; $\frac{3}{4}$ hour by motor-car, 1 hour by carriage from Bridgetown), commands a fine view of the valley of St. George. In the event of any outbreak of illness the white troops used to camp at this spot, which is delightfully cool and healthy. On the side of the cliff is a grotesque British lion sculptured by Col. H. J. Wilkinson, and though as a work of art it cannot be compared with Thorwaldsen's masterpiece at Lucerne it is very cleverly executed. Below it is a quotation from the Vulgate of Psalm lxxii. 8:

DOMINABITUR · A MARI · VS AD MARE

A FLUMINE VS AD TERMINOS ORBIS · TERRARUM

which is translated, "He shall have dominion from sea to sea and from the river unto the ends of the world"; and the inscription is doubtful Latin: "Hen. Joa. Wilkinson Gen. Coh. Ped. IX Britan. Trib. Castr. Sculpsit A.D. MDCCCLXVIII. (Henry John Wilkinson, Colonel Commanding the 9th British Foot Regiment, tribune of the Camp, carved it in the year 1868).

Welchman's Hall or Westwood Gully (1 hour by motor-car, 1½ hours by carriage by way of Warren's, Cane Garden and Holy Innocents Chapel), with its luxuriant tropical vegetation and Cole's Cave (also an hour's drive from Bridgetown) both deserve attention. Like most of the numerous gullies for which Barbados is famous, that of Welchman's Hall is of great interest and beauty. It can, however, only be explored on foot. These gullies are mostly situated in the north-west centre of the island. They are deep clefts like river-beds which cut the upper ridges at varying intervals from the centre to the west. After heavy rains they become tearing torrents which rush down to find an outlet in the sea; but at ordinary times they hold no water, though great boulders and rocks brought down from the higher levels indicate the force of the flood. The cliffs in some places rise to a height of over 150 ft. and the scenery is decidedly fine. Many noble trees and beautiful palms, chiefly of the cabbage and macaw variety, clothe with their verdure the bottoms of the gullies, while the rocks and boulders are clad with every variety of creeper and fern, and wild flowers, including orchids, grow in profusion. In the sides of some of the gullies are curious caves. At Sion Hall, for example, there is one which is carpeted with ferns of rare beauty. It has also numerous small pools formed by the water which continually drips through the porous rock overhead. Here it is said that the monkeys came to quench their thirst and to seek shelter. In Lewis gully in St. Thomas are to be seen some stalactites which assume fantastic shapes—one resembles a crocodile, and another an elephant's head. This gully has a grass road through it which ends in a narrow path like a Devonshire lane. Welchman's Hall or Westwood Gully is, however, the most attractive and picturesque of all. It is clothed with luxuriant tropical vegetation, while at the bottom a sparkling streamlet yields nourishment to an immense variety of ferns and creepers. Many of the gullies are spanned by massive stone bridges built for the most part during the old days of cheap slave labour. Indeed it is well that the bridges are massive, as they have to with-

stand a tremendous rush of water after a tropical downpour of rain.

In **Cole's Cave**, in St. Thomas (7 miles from Bridgetown ; $\frac{1}{2}$ hour by motor-car, 1 hour by carriage), a most interesting underground river can be seen. Permission must, however, first be obtained from the manager of Walke's Spring Estate, on which it is situated. It is also desirable to take a guide and torches. The entrance to the cave is at the bottom of a deep gully clothed with tropical vegetation. At a distance of about one hundred yards from the mouth the cave divides at "the Fork" into two branches, and from the side of the larger of these a clear stream issues. The cave a little farther on becomes more spacious, and forms a basin which has been called "the Bath," but it then contracts again, and the outlet of the stream has never been discovered, though an old story is still current in the island that a duck was put into the water at the end of the accessible part of the cave and found a safe exit at Indian River in St. Michael. Schomburgk says :

The duck, it is said, was exhausted and nearly stripped of its feathers, perhaps by passing through fissures and coming in contact with projecting rocks. The story is possible, but unlikely ; unfortunately there is another version of it which says that the duck was recovered in Scotland district.

Richard Blome, writing in 1672, says that these caves were

often the sanctuaries of such negro-slaves that run away, in which they oft-times lie a good while ere found out, seldom stirring in the day time. . . . And it is supposed that these caves were the habitations of the natives.

Richard Ligon confirms this. In his "True and Exact History of the Island of Barbadoes," published a year later, he says :

The runaway negres, often shelter themselves in these Coverts, for a long time, and in the night range abroad the Countrey, and steale Pigs, Plantins, Potatoes, and Pullin, and bring it there ; and feast all day upon what they stole the night before ; and the nights being dark and their bodies black, they scape undiscern'd.

These thieves, it appears, used to be hunted down successfully by "Liam Hounds."

The Hole or Hole Town, St. James (7 miles; $\frac{1}{2}$ hour by motor, $\frac{3}{4}$ hour by carriage), is noteworthy as being the spot where the English in the *Olyph Blossom* first landed in 1605, and as being the landfall of Sir William Courteen's settlers, under Richard Deane, in 1627. The town was afterwards called James Town in honour of James I. The town has little of interest beyond the old Fort behind the Police Station and the Tercentenary Monument. The latter was unveiled on November 30, 1905. It is inscribed :

1605 ----- 1905
 THIS MONUMENT COMMEMORATES
 THE TERCENTENARY OF
 THE FIRST LANDING OF ENGLISHMEN
 FROM THE "OLIVE BLOSSOM," NEAR THIS SPOT
 ABOUT THE MONTH OF JULY 1605.
 THEY ERECTED A CROSS
 AND INSCRIBED ON A TREE THE WORDS
 "JAMES K. OF E. AND THIS ISLAND,"
 THUS CONSTITUTING POSSESSION FOR THE CROWN OF ENGLAND
 IN WHOSE UNINTERRUPTED POSSESSION
 THIS ISLAND HAS REMAINED.
 THE CORNER STONE
 WAS LAID ON THE 30TH NOVEMBER 1905.
 BY HIS EXCELLENCY SIR GILBERT T. CARTER, R.N., K.C.M.G.
 THE GOVERNOR OF THE ISLAND
 IN THE PRESENCE OF MEMBERS OF THE LEGISLATURE
 AND A LARGE CONCOURSE OF THE INHABITANTS
 THE COST OF ERECTION WAS DEFRAYED
 BY PUBLIC SUBSCRIPTION OF THE INHABITANTS

St. James's Church, Hole Town, boasts an old bell inscribed "God Bless King William 1696," also a font dated 1684, and very old communion plate. The bell was brought away by General Sir Timothy Thornhill from Martinique after a successful attack on that island. A curiously worded inscription on a monument to the wives of Sir John Gay Alleyne, whose family resided for generations at Porters (*see below*), should be read.

Porters Wood (8 miles; $\frac{1}{2}$ hour by motor-car, 1 hour by carriage from Bridgetown), with its flock of wild monkeys,

which gaily disport themselves in the mahogany trees, and St. James's Church, are both very well worth attention. At Porters, now the residence of Dr. Graham Pilgrim, there is a very delightful swimming-bath, the origin of which is sufficiently explained by the following inscription which it bears :

INVITO
DUDLEIO WOODBRIDGE
ARM^o
AMANTE NIHILOMINUS MUNDITIAS
AQUA NIMIUM INUNDANTE
IN BALNEARIUM
HOC CONCLAVE
ABIIT
VII^o KAL. APR. MDCCXXXV.
THOS. HILL. INVENTIT.

[Trans. This chamber was turned into a bath by Dudley Woodbridge, Esq., reluctantly, though he loved cleanliness, because of its being constantly flooded. March 26, 1735. Sculptured by Thomas Hill.]

Speightstown (pronounced Spikestown), St. Peter ($\frac{3}{4}$ hour by motor-car, $1\frac{1}{2}$ hours by carriage from Bridgetown), formerly a shipping place of importance once enjoyed a considerable trade with Bristol, earning in consequence the name of Little Bristol. Mr. E. G. Sinckler, in his "Handbook of Barbados," says that it was probably built on the lands of William Speight, a member of Governor Hawley's Parliament in 1639. Communication between it and Bridgetown is maintained by a fine fleet of schooners which perform the journey of 12 miles in $1\frac{1}{4}$ hours. The town has a church—St. Peter—and several chapels. It is here that the flying-fish industry is best seen. Speights-town is also the headquarters of a small whaling industry. Speightstown used to be defended by **Denmark Fort**, which is now an alms-house. The guns and platform are still in a good state of preservation. **All Saints**, St. Peter, is the oldest church in the island. It has many stained glass windows and the tombs of William Arnold (one of the first settlers), Sir John A. Gibbons, Bart., and Sir Graham Briggs, Bart. **St. Nicholas Abbey**, St. Peter ($1\frac{1}{4}$ hours by motor, $2\frac{1}{2}$ hours by carriage from Bridgetown), is chiefly

remarkable because it is the only house in Barbados with fireplaces. It is built in late Elizabethan style, and is one of the oldest mansions in the island. The drawing-room is panelled with Barbados cedar. The proprietor is Mr. C. J. P. Cave. From **Cherry Tree Hill**, a short distance beyond the Abbey, there is a striking view of the Scotland District, with Hackleton's Cliff (*see page 105*) beyond.

Farley Hill, in St. Peter's (16 miles; $1\frac{1}{2}$ hours by motor-car, 3 hours by carriage from Bridgetown), the residence of the late Sir Graham Briggs, is notable as being the original home of the beautiful Farliense fern (*Adiantum Farliense*). J. A. Froude stayed here in 1887. In the grounds are trees planted by Prince Alfred, afterwards Duke of Edinburgh, who visited the West Indies in the *Euryalus* in 1861, and by Princes Albert Victor and George (now King George V), who toured the Caribbean in H.M.S. *Bacchante* in 1879-80. From **Grenade Hall**, St. Peter, a disused signal-station near by, a fine view of the Scotland District can be obtained.

At **Turner's Hall Wood**, St. Andrew (14 miles; $1\frac{1}{4}$ hours by motor-car, 2 hours by carriage from Bridgetown), on a ridge stretching from the semicircular cliffs at the north-east, is seen the sole remnant of the virgin forest, which covers 46 acres of land and is now owned by Sir Hugo Fitzherbert, Bart., of Tissington Hall, in Derbyshire. It consists mainly of locust, cedar, fustic and bully trees, which once completely clothed the island. Of these, locust and fustic bulked largely among the exports of Barbados in the seventeenth century. Near it are the borings of the West India Petroleum Company, and a tiny—so-called—boiling spring, the gas (carburetted hydrogen) rising through which can be ignited and used for cooking purposes on a very small scale. On the way to the wood, **Porey Spring**, St. Thomas' ($7\frac{1}{2}$ miles from Bridgetown), and gully, can be visited. The spring has lost its picturesque appearance since it was artificially controlled, but the gully like that at **Dunscombe** half a mile farther on, is very beautiful.

The Animal Flower Cave, St. Lucy (21 miles; $1\frac{1}{2}$ hours by motor-car, $2\frac{1}{2}$ hours by carriage from Bridgetown).

This remarkable cave was once only approachable by the cliff side, and a visit to it was in consequence not unattended by danger. It can now, however, be safely entered by a flight of stone steps at the back of the first cave, a large vaulted room about 80 feet long, 40 wide and 20 high, with several "port-holes" overlooking the sea, through which the waves break with great force at high tide. The second cave contains a pool of water, and is called the Bathing Cave. From it the Carpet Room is reached. It has a pool of water in the centre, and it is here that the "animal flowers" (*serpulæ* or sea-worms) used to flourish. Few now remain, however, the majority having been destroyed or carried off by predatory tourists. The fee for visiting the cave is 1s. per head, and a similar fee gives one the entrée to a Rest House near by.

Maycock's Fort, picturesquely situated in the same parish, is now bereft of its guns. Treasure is said to be buried there, but all endeavours to trace it have failed. The bay near by bears the ill-omened name of Hangman's Bay.

CHAPTER VII

BRITISH GUIANA AND BRITISH HONDURAS

BRITISH GUIANA

"Damus petimusque vicissim"

The Colony's Motto

GENERAL ASPECT. British Guiana, which lies between latitudes 9° and 1° N. and longitudes 57° and 61° W. on the north-east coast of South America, to the south-east of the West Indian islands, has a total area of over 90,500 square miles, of which quite 99 per cent. are undeveloped. The colony has a coast-line of about 250 miles, and extends inland to a depth of nearly 600 miles. Of its population of 296,041—3.3 to the square mile, as compared with 1033 in Barbados—nearly one half consists of East Indian immigrants, who have been introduced every year, with one exception, in varying numbers since 1845. The inhabited portions of the colony are the alluvial flat which extends from mid-water mark to a distance inland of about ten miles, and the banks of the rivers for some distance from the mouths. The front lands, or lands on the sea-board, are flat and low, and the sea is kept out at high tide and the land drained by an elaborate system of sea-defences and canals established by the former Dutch owners. The soil, being alluvial, is naturally rich and fertile. The interior of the colony consists of swampy grass plains called savannahs, dense forests and bush, and ranges of mountains. The primitive forests are only occupied by a few Indians, with here and there a wood-cutter's, a gold-digger's, or a diamond-washer's camp. A series of sand-hills, now covered by tall forest trees, runs parallel to the

sea-coast beyond the savannahs, and it is supposed that these hills were left by the receding sea in remote times. The highest of the mountains is Roraima (8740 ft.), which, though precipitous near the summit, has been ascended on several occasions. The colony has four great rivers, the Demerara, the Essequibo (with its principal tributaries the Mazaruni, Cuyuni, Potaro, and Rupununi), and the Berbice, which give their names to the three counties, and the Corentyn, which divides British from Dutch Guiana. The Essequibo River, which drains more than half the area of the colony, is 600 miles long, and has an estuary 14 miles wide. The Demerara River is navigable for a distance of 80 miles and the Berbice for 88 miles from their mouths; but, generally speaking, the rivers are impeded above the tideway by numerous rapids, cataracts and falls, which render navigation of the upper reaches difficult. The principal waterfall is the Kaieteur on the Potaro River, which plunges over a tableland into a deep valley—a sheer drop of 740 ft. There is also a fine waterfall on the Kuri-brong River and another on the Ireng River. Mention may also be made of the Pakatuk Falls, the Tumatumari cataract on the Potaro, and the Waraputa cataracts on the Essequibo. On the rocks at Waraputa may be seen some of the curious rock carvings called “timehri” by the Indians, the origin of which has never been discovered. The most notable of these “picture writings” is, however, on the “Timehri rock” on the Corentyn river.

INDUSTRIES. Sugar, with its allied products—rum, molasses, and “Molascuit,” a cattle food composed of the interior cellulose fibre of the sugar-cane mixed with molasses—constitutes by far the most important industry of British Guiana. Demerara sugar, which is manufactured in each of the three counties of the colony, has a name for excellence all the world over. The total area under sugar cultivation in the colony is about 69,600 acres, as compared with about 36,000 acres under rice; 12,000 acres coco-nuts; 3000 acres coffee; and 2100 acres cocoa. The area under rice is being largely increased, and it is probable that this industry will undergo considerable development in the near future. Coffee and cotton were formerly produced in

large quantities in British Guiana ; but the cultivation of these crops, for which the soil is still admirably suited, languished after the abolition of slavery. On the extreme east coast of Demerara there is a considerable area under coco-nuts, and this form of cultivation is being extended. At Agatash, on the left bank of the Essequibo River, about two miles above Bartica, there is a fine lime estate on which citrate of lime is manufactured, and some of the islands below Bartica are devoted to tobacco-growing. Rubber—chiefly *Hevea Brasiliensis*—is rendering a good account of itself at the Government station, and on several private estates ; and the collection of balata from the tree known as *Mimusops globosa* forms an important industry. This gutta-percha-like substance is largely used for insulating purposes and in the manufacture of belting, &c. In the interior gold is recovered by “ placer ” washing, and also to a less extent by quartz-mining, while a system of dredging and hydraulic washing has been adopted with great success. Many kinds of timber are exported, including the valuable greenheart, mora, &c. British Guiana greenheart (*Nectandra Rodicæi*) has been largely used for the locks, &c., on the Manchester Ship Canal and more recently on the Panama Canal. The principal exports from British Guiana during the financial year 1912 were as follows :

Product.	Quantity.	Value.
Sugar	77,788 tons	£1,019,489
Rum (proof)	2,382,937 galls.	149,011
Molascuit or Cattle Food	— tons	17,145
Molasses	176,011 galls.	7,489
Gold	48,779 oz.	177,968
Diamonds	5,229 carats	6,861
Balata	705,214 lbs.	101,547
Timber	284,530 cub. ft.	13,091

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table on next page showing the revenue and expenditure, and imports and exports, for the last ten years.

Year.	Revenue.	Expenditure.	Imports.*	Exports.†
	£	£	£	£
1903-4 .	555,853	530,225	1,656,023	1,810,038
1904-5 .	512,972	511,182	1,537,591	1,991,048
1905-6 .	522,493	506,173	1,662,205	1,994,394
1906-7 .	535,745	514,053	1,690,804	1,843,107
1907-8 .	546,882	519,706	1,765,358	1,711,543
1908-9 .	540,053	539,196	1,838,947	2,104,176
1909-10 .	540,269	546,711	1,774,457	1,985,337
1910-11 .	563,101	542,758	1,749,766	1,820,198
1911-12 .	593,499	558,626	1,814,180	2,172,766
1912-13 .	580,446	590,745	1,703,355	1,798,597

* Calendar years after 1910-11.

The direction of the trade of the colony in 1912 was as follows :

	Imports.	Exports.
United Kingdom	52.75 ..	40.34
Canada	6.59 ..	40.27
Other British Colonies	5.01 ..	3.57
Foreign countries	31.45 ..	11.84

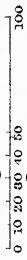
CLIMATE. The climate of British Guiana compares favourably with that of other tropical countries, and is by no means so unhealthy as people at home have been led to believe. The temperature is uniform, rarely rising above 92° Fahr. or falling below 75° Fahr. The mean annual temperature of Georgetown is 82° Fahr., and the average rainfall of the colony about 90 inches. On the high lands in the interior the climate is not unlike that of British East Africa. The long rainy season lasts from about the middle of April until August, and the short rainy season through December and January. The birth-rate is 27.3 and the death-rate 30.8 per 1000.

HISTORY. The history of Guiana is interesting from the fact that it was one of the first countries in which Englishmen attempted to settle. The name is derived from an Indian word meaning "water," which was given to the region extending from the River Orinoco to the Amazon. In 1498, when on his third voyage, Columbus, after sighting



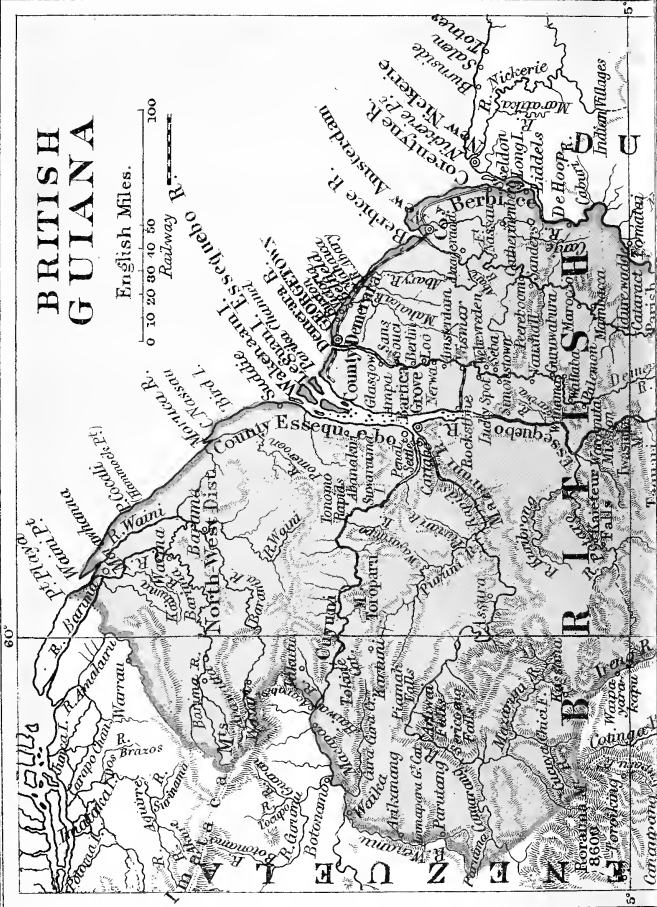
BRITISH GUIANA

English Miles.



Railway

Essequibo R.



County Essequibo

County Demerara

County Berbice

County Mazaruni

County Murrumbidgee

County Waini

County Mazaruni

County Demerara

County Berbice

County Essequibo

County Mazaruni

County Demerara

County Berbice

County Essequibo

County Mazaruni

County Demerara

County Berbice

County Essequibo

County Mazaruni

County Demerara

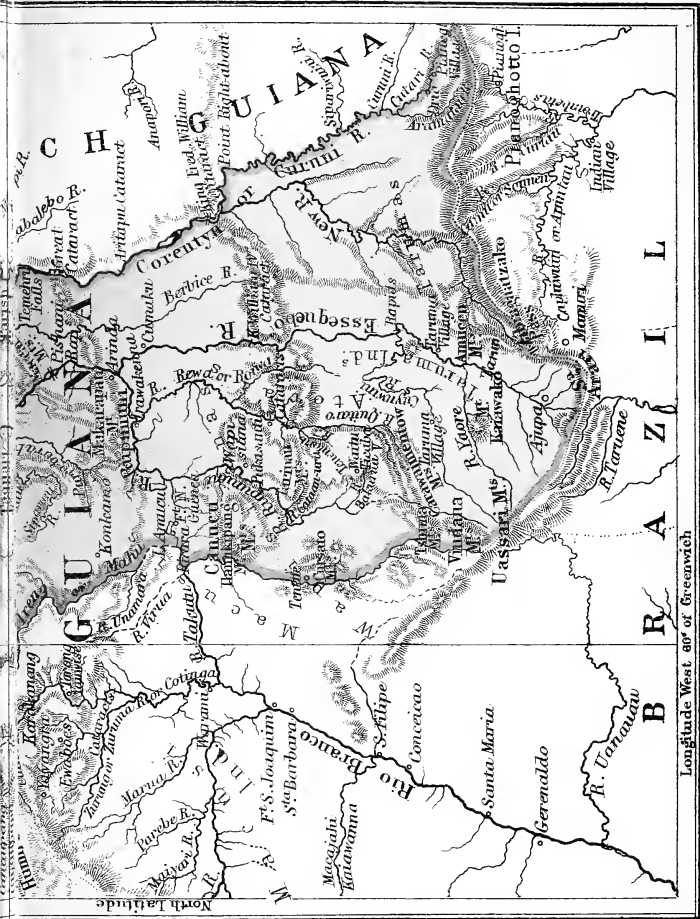
County Berbice

6° 30'

58° 30'

5

5



North Latitude

Longitude West 40° of Greenwich

Trinidad, passed the mouth of the Orinoco. In the following year Amerigo Vespucci coasted along Guiana, and in 1500 Pinzon, after discovering the Amazon, passed along the whole coast of Guiana to the Orinoco. The Spaniards however, never settled in the country on account of the hostility of the cannibals, but other Europeans managed to secure the warmest friendship of the savages. In 1595 Sir Walter Raleigh visited the Guianas in search of the mythical City of Gold, the El Dorado which had existed in the imagination of the Spaniards for nearly a century. The belief in the existence of this city was based on the tales of a Spanish soldier, who was set adrift by his companions when on an exploring expedition up the Orinoco. On finding his way back some months after, he told how he had been taken by the Indians to a great inland lake with golden sands, on which was a vast city roofed with gold. After exploring the Orinoco, Sir Walter Raleigh returned to England and published the "Discoverie of Guiana." On Tortuga Island in the Orinoco not far from Manoa, the spot where Sir Walter Raleigh's son was buried is pointed out. After Raleigh's visit the country was made known to Europeans, and English, French, and Dutch traders were often seen on the coast. The Spaniards tried to drive them away, and in a few cases destroyed the trading stations; but ultimately settlements were made, the earliest known in what is now British Guiana being a fort on a small island at the confluence of the Cuyuni and Mazaruni rivers, which they called "Kyk-over-al," or "Look over all," from its commanding situation. A settlement was also formed on Fort Island, near the mouth of the Essequibo, which became the seat of government of the colony of Essequibo—now one of the counties of British Guiana. The date of the foundation of the settlement at Kyk-over-al is uncertain, but it may be fixed at about 1620. It came into the possession of the Dutch West India Company, which was incorporated in 1621 and was by the terms of its charter supreme among all the Dutch possessions in America. In 1624 the colony of Berbice—now another county of British Guiana—was founded by Van Peere, a merchant of Flushing, under

licence from the company. The central colony of Demerara was an offshoot from Essequibo, and was established in 1745. In 1740 settlers from other nations, mainly English, began to arrive from the West India Islands in considerable numbers, the Dutch were quite outnumbered, and Stabroek—now Georgetown—became a town of importance. The Dutch and English came into a state of open conflict in 1780, and in the following year all three settlements capitulated to Great Britain. In 1782 the English were defeated by the French, and in 1783 the colonies were restored to the Dutch, who retained them until 1796, when they were captured by a British fleet from Barbados. They were again restored to the Dutch by the Treaty of Amiens in 1802, but in the next year they capitulated to the English, to whom they were finally ceded in 1814. In 1831 the three colonies were united under the name British Guiana, of which Essequibo, Demerara, and Berbice were declared to be counties in 1838.

CONSTITUTION. The Constitution of British Guiana differs from that of any other West Indian colony. It comprises a Governor, an Executive Council, a Court of Policy, and a Combined Court, the last consisting of the Governor and members of the Court of Policy and six financial representatives. The members of the Court of Policy, whose duties are now purely legislative, used to be elected by a College of Electors, but they are now elected by the direct vote of the people. The Combined Court has the power of imposing colonial taxes and auditing accounts, and discussing freely the estimates prepared by the Governor in Executive Council, in which the administrative functions of the Court of Policy are now vested.

Governors of British Guiana since 1896

Sir A. W. L. Hemming, K.C.M.G.	1896
Sir Walter J. Sendall, G.C.M.G.	1898
Sir Alexander Swettenham, K.C.M.G.	1901
Sir Frederic M. Hodgson, K.C.M.G.	1904
Sir Walter Egerton, K.C.M.G.	1912

HOTELS. **Georgetown.** The *Hotel Tower*, in Main Street, is recommended. Rooms, 4s. 2d. per night ; board

and lodging, from 8s. 4d. to 10s. 5d. per day. The *Victoria Hotel*, High Street: board and lodging, 10s. per day; special terms per month. The *Ice House Hotel*, Stabroek: board and lodging, 6s. 3d. per day; special terms per month. Good lodgings are obtainable at the houses of Mrs. Stephenson, Mrs. U. R. White, Miss Coombs, Mrs. July, and Miss Van Sertima, all in Main Street, of Mrs. Simpson in Camp Street, and of Miss Jones in Middle Street; board and lodging terms about 6s. 3d. per day. There are also hotels at **New Amsterdam**, at **Bartica**, **Morawhanna** and **Mount Everard** in the North-west district, and at **Rockstone** (Sprostons' Hotel), at which the terms are moderate.

MEANS OF COMMUNICATION. British Guiana is served by the steamship companies numbered 1, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, and 19 in the list on pages 14 to 27. Most steamers go alongside the wharves, or stellings as they are called.

Most of the leading residents in Georgetown hire carriages from the Georgetown Livery Stables Co. or W. P. Humphrey, instead of keeping their own. Terms: pair-horse carriages, 7s. 6d. first hour, 5s. per hour after. Single carriage, 4s. first hour, 3s. 4d. per hour after. Bicycles can be hired for £2 per month. Motor-cars can also be hired.

The Demerara Railway Company has two railways in the colony, namely, the Demerara and Berbice Railway, which runs along the east coast from Georgetown to Rosignol (3 hours), and the West Coast Railway, which runs along the west coast to Parika (18½ miles; 50 min.). The first portion of the railway was opened as far back as 1848 and is therefore the pioneer railway of South America. On the Demerara and Berbice Railway passengers may be taken up or set down at any of the recognised side lines, namely, Success, La Bonne Intention, Mon Repos, Lusignan, and Nonpareil, on payment of an extra fare of 48 cents for each stop outside the station. First-class return tickets are issued at single fare and one-third. Special arrangements for Saturday to Monday. The names of the stations, their distance from Georgetown, and the fares are given in the tables on the following page. At the stations marked with

Demerara and Berbice Railway. STATIONS.	Distance from Georgetown	Fares from Georgetown.	
		1st Single.	2nd Single.
	Miles.	Cents.	Cents.
Georgetown	—	—	—
Kitty	1 $\frac{3}{4}$	12	6
Plaisance	5 $\frac{1}{2}$	28	14
Beterverwagting	7 $\frac{3}{4}$	40	20
Buxton	10 $\frac{1}{2}$	56	28
Nonpareil *	—	—	—
Enmore	13 $\frac{1}{4}$	68	34
Golden Grove *	—	—	—
Belfield	15 $\frac{1}{2}$	80	40
Clonbrook	17 $\frac{1}{4}$	88	44
Mahaica	21 $\frac{1}{2}$	108	54
De Kinderen *	26 $\frac{1}{4}$	140	70
Mahaicony	32 $\frac{1}{4}$	160	80
Belladrum	40 $\frac{1}{2}$	200	100
Lichfield	44 $\frac{1}{4}$	220	110
Fort Wellington	51	256	128
Rosignol (for New Am- sterdam)	60 $\frac{1}{2}$	300	150

West Coast Railway. STATIONS.	Distance from Vreed- en-Hoop.	Fares from Georgetown (including Ferry).		
		1st Single.	Return tickets (available for the day of issue or the following day) double the single fare.	2nd Single.
	Miles.	Cents.		Cents.
Vreed-en-Hoop	—	12	6	
Windsor Forest *	—	28	14	
Blankenburg *	—	36	18	
Hague	6 $\frac{3}{4}$	36	18	
Leonora	8 $\frac{3}{4}$	40	20	
Uitvlugt *	—	48	24	
Boeraserie	12	52	26	
Tuschen	13 $\frac{1}{2}$	60	30	
Greenwich Park	15	64	32	
Parika	18 $\frac{1}{2}$	84	42	

* Trains stop when required at these stations.

an asterisk trains can be stopped by signals or on notifying the conductor at the preceding station. The Head Office of the Demerara Railway Company (H. G. McMurdie, secretary) is at 110 Cannon Street, London, E.C.

There is a motor-bus service between New Amsterdam and Skeldon (47 miles) on the extreme eastern boundary of the colony.

Ferry-boats cross the Demerara River between Georgetown and Vreed-en-Hoop at frequent intervals (fares : 1st class, 12 cents ; 2nd class, 8 cents) ; the Berbice River between New Amsterdam, Rosignol, and Blairmont— (fares : 1st class, 16 cents ; 2nd class, 8 cents) ; and the Essequibo River between Tuschen and Leguan Island (fares : 1st class, 32 cents ; 2nd class, 16 cents). There is a short railway between Wismar, a small settlement sixty-five miles up the Demerara River, which is reached daily, Sundays excepted, by Sprostons' steamers, and Rockstone on the Essequibo ; and Government and Sprostons' steamers Ltd. visit many other points of interest in the colony. The enterprising company (Sprostons Ltd.) has arranged a series of select week-end trips at very moderate prices which include full board and lodging. The regular services of the company are as follows :

(1) From Georgetown to Suddie, Essequibo, calling at Leguan, Wakenaam, and Aurora daily, returning on the same day.

(2) From Georgetown to New Amsterdam (Berbice) every Monday and Thursday evening, returning every Tuesday and Friday evening.

(3) From Georgetown to Mount Everard, every Tuesday at 12.30 P.M., returning to Georgetown on Fridays, and calling at Morawhanna both ways. A launch runs between Mount Everard and Arakaka on the Barima for the purpose of carrying mails and passengers, and towing batteaux when there is sufficient water in the river.

(4) From Georgetown to H.M. Penal Settlement, and then to Bartica Grove, every Tuesday, Thursday, and Saturday at 8.30 A.M., returning on Wednesday, Friday, and Monday, touching at Tuschen both ways, leaving Bartica at 8 A.M. The steamer does not, however, call at the Settlement on Court days, which fall on every first and third Tuesday in the month.

(5) From Wismar for Akyma and Mallali, every Wednesday and Saturday at 6.30 A.M., returning every Tuesday and Friday at 8.30 A.M.

(6) From New Amsterdam at 7 A.M. every Monday and Thursday, touching at intermediate stations, and arriving at Coomacka at about 9 P.M. From Coomacka on Tuesdays at 9 A.M., touching at intermediate stations, arriving at Mara at about 6 P.M. on Tuesdays, leaving there on Wednesdays at 7 A.M., and arriving at New Amsterdam at about 9 A.M.

On Fridays the steamer runs through to New Amsterdam, leaving Coomacka at about 5.30 A.M., and arriving at New Amsterdam about 6.30 A.M. The days and hours of departure are subject to variation, and inquiries should be made at the stelling's or landing-places, or at Messrs. Sprostons' offices, Lots 3 to 6, Lombard Street, Georgetown. The fares are as follows :

ESSEQUIBO ROUTE

	1st Class.	2nd Class.
Georgetown to Leguan . . .	\$1.00	\$0.48
„ Wakenaam . . .	1.50	0.48
„ Aurora . . .	2.00	0.48
„ Suddie . . .	2.00	0.48

BERBICE ROUTE

	1st Class.	2nd Class.
Georgetown to New Amsterdam .	\$1.44	\$0.72

ESSEQUIBO RIVER

	1st Class.	2nd Class.
Georgetown to Tuschen . . .	\$1.00	\$0.24
„ H.M. Penal Settlement . . .	2.00	0.64
„ Bartica . . .	2.00	0.64

The fares for the return journey are the same.

BERBICE RIVER SERVICE

	1st Class.	2nd Class.
New Amsterdam to Mara . . .	\$0.68	\$0.24
„ Bartica Stelling . . .	1.50	0.50
„ Friendship (Patoir's) . . .	2.04	0.68
„ Coomacka . . .	3.00	1.00

Tramcars. Georgetown has an admirable service of electric tramcars conducted by the Demerara Electric Company Ltd., a Canadian undertaking with a capital of \$900,000. The routes are as follows :

(1) *Belt Line.* Company's Office, Water and Croal Streets, crossing Camp Street, New Garden Street (cricket ground), Middle Street, and crossing Camp Street and Main Street into Water Street.

(2) *Sea Wall Line.* Platform (Sea Wall), Main Street, Ben-

tinck Street, Water Street, Lombard and Broad Streets, Croal and Camp Streets, and Camp Road.

(3) *La Pénitence and Church Street Line.* La Pénitence, Stabroek Market, Company's Office, Church Street, Water Works, New North Road, New Garden Street, and *vice versa*.

(4) *East Bank Line.* Main Street, through Water Street, Lombard Street, Albouystown, La Pénitence, along the public road, running through the sugar plantations, Ruimveldt and Houston to the terminus at Peter's Hall.

The cars run at intervals of fifteen minutes throughout the day, and stop at positions marked by poles painted white. The schedule of fares is: Single fare, 5 cents; tickets purchased in strips of three, 12 cents per strip; children's tickets in strips of nine, 24 cents per strip. Transfer tickets from any one line to another are free. Special cars can be engaged for trolley parties for \$2.50 per hour.

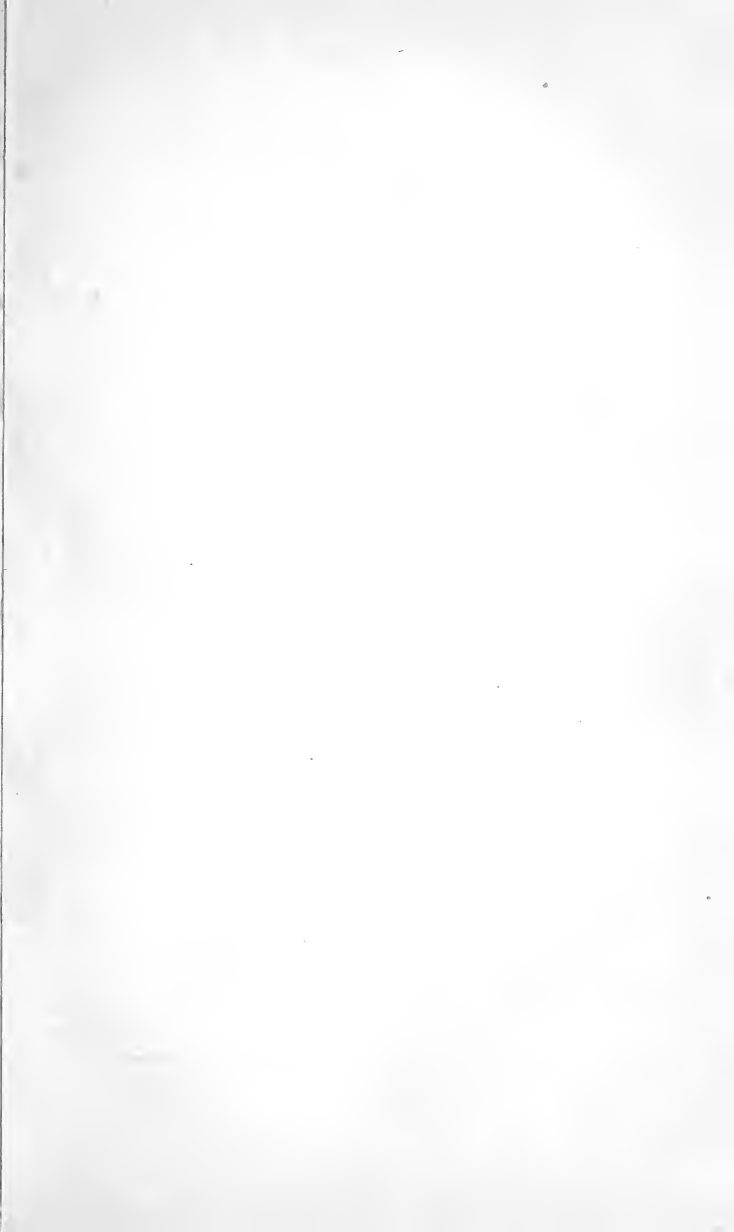
SPORTS. Cricket, lawn-tennis, golf, and football are popular, the principal clubs being the Georgetown Cricket Club, with its ground at Bourda, the Demerara Golf Club, with links at Turkeyen ($4\frac{1}{2}$ miles from Georgetown), the Georgetown Football Club, and La Pénitence and Vreed-en-Hoop Lawn-tennis Clubs. For "wet bobs" there is the Demerara Rowing Club, with a boathouse at La Pénitence, and the Ituni Rowing Club in Berbice. There is a capital racecourse at Bel Air near Georgetown, the property of the Demerara Turf Club Ltd., which has succeeded the D'Urban Race Club, an institution founded by Governor Sir Benjamin D'Urban on September 28, 1829. Berbice has also a very good course.

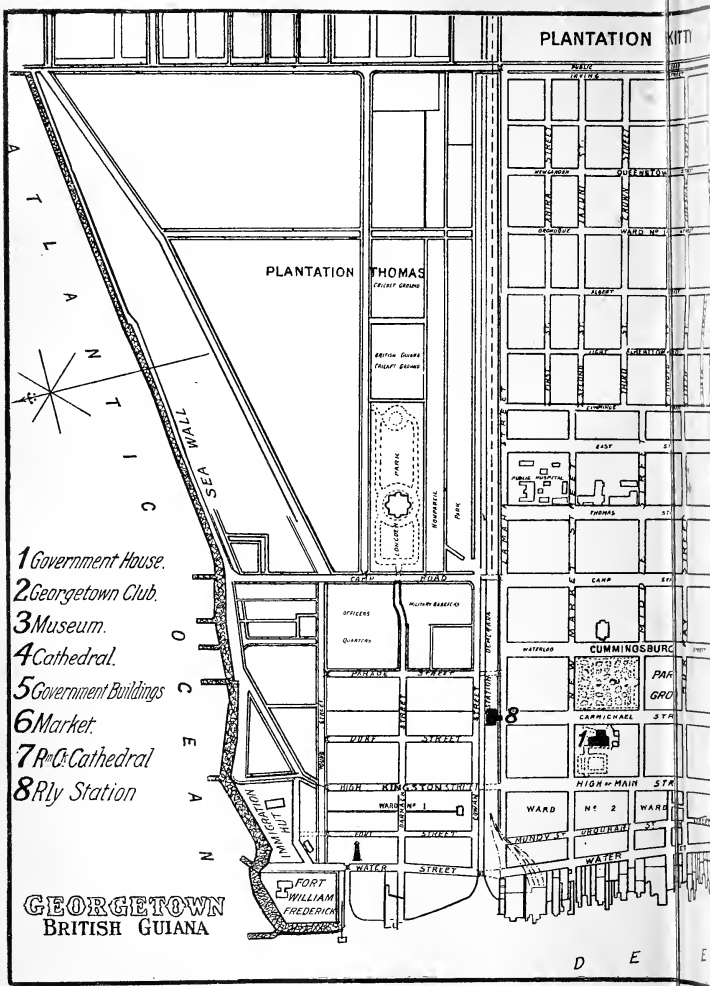
SOCIAL CLUBS. The **Georgetown Club**, founded in 1858, is quite one of the best in this part of the world, and it is extremely hospitable to visitors, who are introduced by members. Above it are the Assembly Rooms, which can be used either as a theatre or a ball-room.

PRINCIPAL SIGHTS. The front lands of British Guiana are below the level of the sea, and the first view of the Magnificent Province, as the colony is called, is not, therefore, inspiring. The sea is muddy, owing to the matter in it brought down by the mighty rivers and kept in suspension by the opposing forces of the great ocean currents. The monotony of the long and low coast-line fringed with bush and scrub is broken here and there only

by the tall chimneys of the sugar factories. Ten miles from the coast the steamer passes the Demerara Lightship rolling at anchor. **Georgetown** (population 57,577), the capital of British Guiana, was founded by the British in 1781 and laid out by the French in the three following years. It was given the name Stabroek as a compliment to the Lord of Stabroek in Holland on the return of the Dutch in 1784, but was called Georgetown in 1812. The original town now forms the Stabroek district of the capital. The town lies on the right bank of the Demerara River, near the mouth of which is the protecting Fort William Frederick. The streets are wide and clean, and the houses—with few exceptions—are constructed of wood, and are raised upon brick pillars from 8 to 10 ft. high to keep them from damp emanations from the ground. With their windows protected by green Venetian jalousies they are not unpicturesque and are certainly deliciously cool. The numerous street trees and gay gardens of the private houses, with their wealth of foliage and flowers, have earned for Georgetown the designation of "the Garden City of the West Indies." The streets are laid out in rectangular blocks and some of them are intersected by open canals or fresh-water trenches. In these flourishes the gorgeous Victoria Regia lily which, discovered by Haenke in South America in 1801, was first found in British Guiana on Gluck Island in the Essequibo. The trenches are also inhabited by a whole colony of frogs, whose whistling and croaking form a rather unmusical accompaniment to the barking of dogs and the crowing of cocks which are features of the so-called "still tropical night." The city is well lighted with electricity and is provided with an excellent electric tram and telephone service. It is supplied with water from the Lamaha Canal, which connects with the Lamaha, a branch of the Lama Creek, a tributary of the Mahaica, some twenty miles distant. The water is pumped from a reservoir at the Camp Street waterworks into the service pipes of the city. Artesian wells have recently been bored with success and form an additional source of water-supply.

On landing at the stelling or wharf, one enters **Water Street**, the leading commercial centre of the city, which





- 1 Government House.
- 2 Georgetown Club.
- 3 Museum.
- 4 Cathedral.
- 5 Government Buildings
- 6 Market.
- 7 R.C. Cathedral
- 8 Rly Station

GEORGETOWN
BRITISH GUIANA

PLANTATION KITI

PLANTATION THOMAS

CRICKET GROUNDS

RELIQUARY GROUNDS

PARK

ROXBOROUGH

PARK

OFFICERS

QUARTERS

MULTI-PURPOSE

WATER STREET

MARKET STREET

HIGH STREET

WARD NO 1

WATER STREET

WATER STREET

Public Service

WATERLOO

CUMMINGSBURG

CARRICHAEL STR

HIGH & MAIN STR

WARD NO 2

WATER

WARD NO 1

WARD NO 2

WARD NO 3

WARD NO 4

WARD NO 5

WARD NO 6

WARD NO 7

WARD NO 8

WARD NO 9

WARD NO 10

WARD NO 11

WARD NO 12

WARD NO 13

WARD NO 14

WARD NO 15

WARD NO 16

WARD NO 17

WARD NO 18

WARD NO 19

WARD NO 20

WARD NO 21

WARD NO 22

WARD NO 23

WARD NO 24

WARD NO 25

WARD NO 26

WARD NO 27

WARD NO 28

WARD NO 29

WARD NO 30

WARD NO 31

WARD NO 32

WARD NO 33

WARD NO 34

WARD NO 35

WARD NO 36

WARD NO 37

WARD NO 38

WARD NO 39

WARD NO 40

WARD NO 41

WARD NO 42

WARD NO 43

WARD NO 44

WARD NO 45

WARD NO 46

WARD NO 47

WARD NO 48

WARD NO 49

WARD NO 50

WARD NO 51

WARD NO 52

WARD NO 53

WARD NO 54

WARD NO 55

WARD NO 56

WARD NO 57

WARD NO 58

WARD NO 59

WARD NO 60

WARD NO 61

WARD NO 62

WARD NO 63

WARD NO 64

WARD NO 65

WARD NO 66

WARD NO 67

WARD NO 68

WARD NO 69

WARD NO 70

WARD NO 71

WARD NO 72

WARD NO 73

WARD NO 74

WARD NO 75

WARD NO 76

WARD NO 77

WARD NO 78

WARD NO 79

WARD NO 80

WARD NO 81

WARD NO 82

WARD NO 83

WARD NO 84

WARD NO 85

WARD NO 86

WARD NO 87

WARD NO 88

WARD NO 89

WARD NO 90

WARD NO 91

WARD NO 92

WARD NO 93

WARD NO 94

WARD NO 95

WARD NO 96

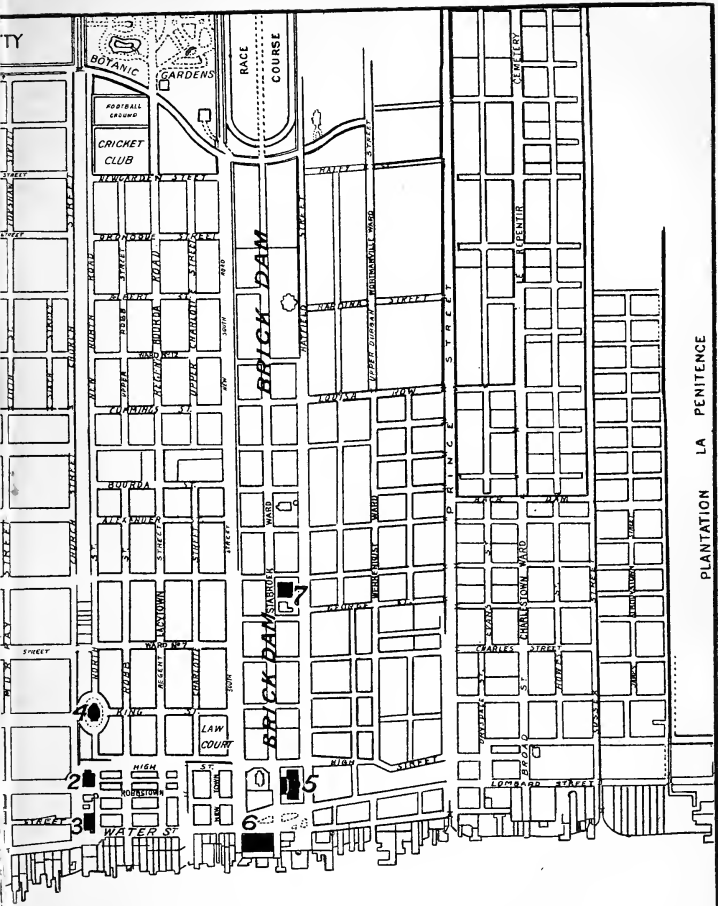
WARD NO 97

WARD NO 98

WARD NO 99

WARD NO 100

D E E



PLANTATION LA PENITENCE

E R A R A



runs parallel to the right bank of the Demerara River for about two miles. It is in this street that the principal merchants' offices are situated. In it and in Lombard Street are many very attractive shops and stores.

Not far from the stellingen stands the **Stabroek Market**, a huge iron and glass structure 80,000 sq. ft. in area (1882), which in the early hours of the morning presents a scene of great activity, while at the other end the Reading Room and **Museum** of the Royal Agricultural and Commercial Society (an institution founded in 1844 and incorporated in 1866) occupy a prominent position. The museum is open free every day, and those who have not time to visit the interior of the colony may get some idea of what life in it is like from the Natural History collection and picture gallery of local views. A large proportion of the fauna of British Guiana can be studied as mounted specimens, and so also can Indian curios of every kind, relics of cannibal feasts, stone implements, specimens of rocks, including gold quartz and diamondiferous gravels, and in fact almost everything found, grown, or made in British Guiana. Adjoining the Museum is the **Reading Room**, to which a visitor may be introduced by a member of the Royal Agricultural and Commercial Society. It contains a respectable collection of English newspapers, reviews, and magazines. It has also a comprehensive number of works of standard authors and of local books, which can be inspected on application to the librarian. Before leaving the building the visitor should ascend to the top of the signal tower, which surmounts it, to obtain a view of Georgetown. A still better view can be enjoyed from the **Lighthouse**. The **General Post Office**, centrally situated in a building which was formerly the Tower Hotel at the corner of North and Hincks Streets, is open from 6 A.M. to 5.30 P.M. There are also several branch offices. The **Free Public Library** and Reading Room at the corner of Church and Main Streets was the gift of Mr. Andrew Carnegie.

To the south-east of Stabroek Market are the **Public Buildings**, in which the Government offices are situated, and where the meetings of the Legislature are held. They

are built of brick, iron and stucco, and date from the early thirties.

Government House, which has fine reception rooms and cool bedrooms, stands between Main and Carmichael Streets in spacious grounds.

The **Victoria Law Courts** form an imposing group of buildings in the High Street in line with the **Town Hall**, a handsome modernised Gothic building designed by the Rev. Ignatius Scoles, S.J. (1889). The Law Courts, built of concrete and wood, were designed by Baron Siccama and opened on the late Queen Victoria's birthday, May 24, 1887. Besides the Supreme Court they contain the offices of the Department of Lands and Mines, the Harbour Master, the Official Receiver, the Surgeon-General, and the Law Officers of the Crown. In front of the Law Courts is a marble statue of Queen Victoria erected by the citizens in 1894 in commemoration of her Jubilee.

The **Anglican Cathedral**, dedicated to St. George, is an airy building capable of seating 1500 people. The first English church in Georgetown—then Stabroek—was built in 1809 and was known as the chapel of St. George. It was succeeded by a brick structure which became unsafe in 1877 and gave place to a temporary building called the Pro Cathedral. The foundation-stone of the present building, which was designed by Sir A. Blomfield, was laid in 1889, and in 1892 Bishop Austin, Primate of the West Indies, celebrated his jubilee as a bishop and officiated in the Cathedral for the first time. A special feature of the fabric is its immense height, which is well calculated to show off to advantage the magnificent timber of the colony of which it is constructed. It contains many memorial tablets of interest and some fine stained-glass windows. Those in the baptistery were the gift of Bishop Swaby, now Bishop of Barbados and the Windward Islands, who succeeded Bishop Austin in the see. The marble font, also the gift of Bishop Swaby, representing an angel holding a shell, is similar in form to one in Inverness Cathedral and is very beautiful. The handsome wrought-iron chancel screen was the gift of Mrs. Woodgate Jones and the side screen was presented by the married ladies of the colony.

The altar rails were the gift of Professor Austin of Salt Lake City. The electrolier in the chancel was given by the late Queen Victoria, the brass cross at the altar by the Church of Antigua, and the lectern by the Church of Barbados on the occasion of Bishop Austin's jubilee. The Roman Catholic Cathedral of the Immaculate Conception, which was designed by the late C. Castellani and was opened in 1871, was completely destroyed by fire on March 7, 1913. It was a noble example of colonial architecture and cost \$140,000 to build. Another Roman Catholic church of importance is that of the Sacred Heart in Main Street.

The rooms of the **Ladies' Self-Help Association**, an institution founded by Lady Egerton, wife of Sir Walter Egerton, are almost opposite the church.

St. Andrew's Kirk, at the corner of High Street and Brickdam, with its high steeple and quaint double-angled roof, is historically interesting. Begun in 1811 as a kerk by the Dutch, it was opened as a kirk by the Presbyterians in 1818. The building still rests on the low wall of red bricks laid by the Hollanders. The roof is made of greenheart "black with age and as hard as a bone." There are several other churches belonging to Anglicans, Presbyterians, Wesleyans, Congregationalists, besides other Christian denominations, two Roman Catholic convents, a Mohammedan mosque, and a Hindoo temple.

The **Promenade Gardens** are interesting, though small. They are near the centre of the city, and form, together with the **Sea Wall** and Botanical Gardens, the principal afternoon resort of the people. Both can be reached by tramcar. The Sea Wall, which extends from Fort William Frederick at the mouth of the Demerara River to Plantation Kitty on the east coast, was begun in 1858 and took thirty-four years to complete. It was built mainly by convict labour with granite brought from the penal settlement on the Mazaruni River. The excellent band of the Georgetown Militia plays at these places alternately with the Botanic Gardens, one day a week being devoted to each.

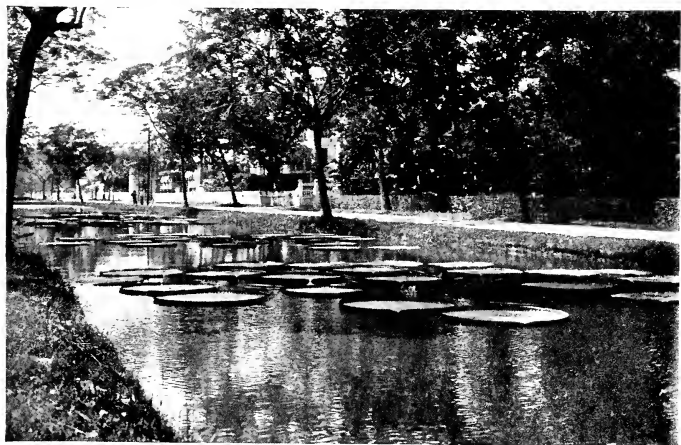
The **Botanic Gardens**, 150 acres in extent, at Vlissengen, at the back of the town, are easily reached by electric tram.

In the north wall of the Lodge a clock was placed in 1909, with a brass tablet to perpetuate the memory of Mr. George Samuel Jenman, Government Botanist and Superintendent of the Gardens from 1879 to 1902, "to whose knowledge, skill, and work the colony is indebted for the laying out of the Gardens and the formation of the herbarium." Here there is to be seen a large variety of palms, including the cabbage palm, the aeta, the coco-nut palm, besides the traveller's tree, so called because water is always to be found at the base of the leaf, and many other tropical trees of great beauty. Here, too, will be found the magnificent *Victoria Regia* water-lilies in the ponds. Many of the leaves measure from 4 to 5 ft. in diameter; and being turned up at the edge they closely resemble large green trays. They and the Indian nelumbium are weeds in the colony; but these are by no means all, for there are red, white, and blue nymphaeas in all their wealth of beauty. There are also nurseries and trial fields, covering an area of about forty acres, where experiments with many varieties of economic products, and especially with seedling canes, are conducted. Formerly, new varieties of cane were only obtainable by chance variation. Now the minutely subdivided "arrow" or bloom of a full-sized cane is laid on the top of a rich soil in a wooden tray, the soil having been previously baked in order to kill all weeds, and the fertilised seeds germinated in the ordinary manner. When about an inch high, the tiny grass-like shoots are transplanted into baskets and eventually bedded out in the experimental cane grounds adjoining. Throughout its whole career, each cane selected for further test is known by a number prefixed with a letter indicating the colony of origin—thus D stands for Demerara—so that when a variety turns out favourably its history can immediately be traced. In the garden lakes can be seen alligators and some specimens of the manatee or water cow.

Among the recognised sights of Georgetown is a noble avenue of cabbage palms along the front of Plantation **Houston**. A delightful drive can be taken on the electric cars (East Bank line, *see page 135*) from Main Street through this avenue. By this line one can reach the **Chinese**



IN THE BOTANIC GARDENS, BRITISH GUIANA
The graceful tree on the right is the Fan or Traveller's Tree



A STREET IN GEORGETOWN, BRITISH GUIANA
Showing a "Trench" with the Victoria Regia Lily growing in it



Quarter in the Werk-en-Rust district of Georgetown, which is well worth a visit. Here many quaint Oriental ornaments may be purchased. Save for a propensity for gambling which has periodically to be checked, the Chinese live quietly in the colony, and give little or no trouble, forming excellent and useful colonists: many of them, too, are good churchmen. The line also passes in front of the East Indian settlements to the terminus at Peter's Hall, four miles out of the town. There is a shorter but scarcely less handsome avenue on the outskirts of the city near the Orphan Asylum at the end of "**Brickdam,**" a broad boulevard bordered by a trench. The name Brickdam reminds one that the roads are paved with red brick clinkers which obviate the glare that is so unpleasant in Barbados and elsewhere.

New Amsterdam (population about 9000), the capital of Berbice, is reached from Georgetown by Sproston's steamer in $6\frac{1}{2}$ hours, by rail to Rosignol in 3 hours, and thence by ferry-boat ($\frac{1}{2}$ hour) or by road and ferry. By the latter the journey is fatiguing and monotonous unless undertaken in a motor-car. Numerous native villages are passed which were established by the negroes immediately after the abolition of slavery. In Demerara the largest of these villages are Buxton and Plaisance, each with over 3000 inhabitants. New Amsterdam is situated on the right bank of the Berbice River, near the mouth of a tributary of the Canje creek. The town is very clean and is lighted by electricity, but it has by no means such a bustling appearance as Georgetown. Indeed, Anthony Trollope said that three people made a crowd in New Amsterdam, which resembles an old Dutch town rather than an English one, though the old Dutch capital of Berbice was Nassau, 100 miles up the river. The city has only two streets of importance, Main Street and the Strand. In the Promenade Gardens, which with the Esplanade are the most popular places of recreation, is a statue of the late Queen Victoria.

All Saints Church (Anglican), which is conspicuous near the steamer stelling, was consecrated by Bishop Coleridge in 1839. It has a stained-glass window which was exhibited at the Great Exhibition in Hyde Park in 1851, and was

presented by Queen Victoria. The handsome electrolier was subscribed for by members of the church in memory of Bishop Austin. To the left of the west door is a brass to the memory of Sir Henry Katz Davson, Chairman of the West India Committee, January 7 to February 21, 1909, and Deputy Chairman, June 23, 1898, to January 7, 1909, erected by the Executive and unveiled on their behalf by the then Governor, Sir Frederic Hodgson, on April 23, 1910.

The Berbice **Race-course**, which lies behind the town, is justly considered to be one of the finest in the West Indies. It was opened in 1909, and spring and autumn race-meetings, at which horses from the islands as well as the colony compete, are held every year.

Sugar Factories. No visitor should on any account leave the colony without first inspecting one of the sugar factories (one of the finest is on Plantation Diamond, 8 miles from Georgetown), and endeavouring to visit **The "Bush."** If time is not limited, a trip to one of the creeks of the Demerara River will fully repay the trouble. Few places in the world are so interesting, and if the stranger gets a sight of the native Indian under primitive conditions, he will feel that the so-called savage is one of nature's gentlemen. Reserved and quiet, he has gone on his way through the ages without trouble or worry, minding his own business and retiring before other races. There is no reason to be afraid of him, for he is the gentlest person in the country. Again, the tales of jaguars, snakes, and venomous creatures are all exaggerated. A sportsman or a naturalist would be fortunate indeed if he met with any of these. No doubt they are present, but they are only to be found in the bush and by those who know where to look for them.

Sprostons' steamers afford opportunities for making many expeditions at a small cost. **Leguan, Wakenaam,** and **Suddie** can be visited in one day. Suddie lies on the "Arabian coast" on the west side of the mouth of the Essequibo River, and is the centre from which Onderneeming, with its Government farm and Experiment station, the Ituribisce and Capoey Lakes, and the Pomeroon dis-

tract can be reached. The steamer skirts various islands at the mouth of the Essequibo, among them being Dauntless Island, which had a romantic origin. Mr. James Rodway, in his fascinating book "In the Guiana Forest," gives the following account of it :

At the beginning of this century the charts of the mouth of the River Essequibo showed a bank of "hard sand, dry at low water," to the east of Leguan Island. This place continued as a sandbank for over sixty years—how long it had been in existence before is doubtful, but we may safely state that it could hardly have been less than a century altogether, and from all appearances it might remain in the same condition for as long again. About the year 1862, however, an estates' schooner, named the *Dauntless*, was wrecked on this Leguan Bank, partly broken up and embedded in the sand, where its presence was shown by a slight elevation, and one or two ribs sticking out above the surface. These jagged points arrested a few pieces of the tangle which came down the river, and on this were deposited some seed of the courida. Then began the work of building up an island which to-day is about two miles long by one broad, and is known on the chart as "Dauntless Island."

Tumatumari Falls, on the Essequibo River, the starting point for the gold-fields, is reached by steamer up the Demerara River to **Wismar** (65 miles), from there by light railway to **Rockstone** (18 miles), a small clearing on the right bank of the Essequibo, which here takes a tremendous sweep to the left, and thence by launch, four to six days being required for the expedition. Above Wismar on the Demerara River are the villages of Akyma and Mallali. For those with less time at their disposal, the trip from Rockstone to the **Etaballi Falls** is recommended. This trip can be easily taken from Georgetown within a week-end. On the rail journey Greenheart Camp, a centre of the timber industry, is passed. A lively boat's crew of Bucks or aboriginal Indians and "Bovianders," as the cross between the old Dutch inhabitants and Buck is called, paddle one down eight miles to the Etaballi Falls, the passage of which is very exciting. The captain stands on the poop steering with a paddle tied to the gunwale and exhorting his crew. With much jabbering and singing of chanties and hymns, they propel the boat at a great pace.

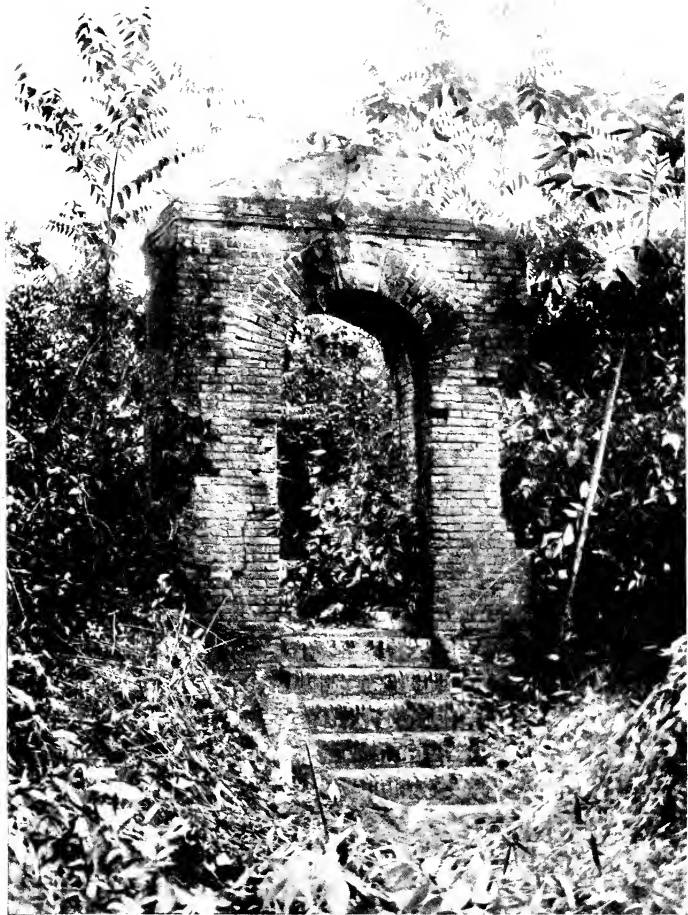
The river near here is about three miles wide, and what appears to be the bank often turns out to be a huge island. The midday meal can be partaken of on the river bank, and the return journey made in four or five hours. The boat's crew, stripping themselves to the skin and leaping into the water, haul the boat up the rapids when occasion requires.

The village of **Bartica**, forty-five miles up the Essequibo, is a favourite spot to visit. It sprang into existence at the time of the gold boom and was first known as Bartica Grove, from a grove of mango trees there. To the north-west of Bartica is the penal settlement for prisoners undergoing long terms of imprisonment. There is a launch and boat service from Bartica up the Cuyuni to Camaria Falls three times a week, and from there a launch runs to Matope Falls.

Kyk-over-al. At the confluence of the Cuyuni and Mazaruni Rivers, to the south-west of the penal settlement, is the site of the old Dutch fort Kyk-over-al, of which a few traces still remain. Kartabo, or Cartabu, Point, near by is the starting-place for Peter's mine, reached by a bridge 200 ft. over the Puruni River. Omai, seventy miles above Bartica, on the left bank of the Essequibo, is another important mining-centre.

Mount Everard. A four days' trip *via* the mouth of the Waini River and the Morawhanna passage to the Barima River and thence to Mount Everard, the starting-place by launch or boat for Koriabo (25 miles) and the Arakaka gold-fields (106 miles), is recommended as affording a good opportunity of seeing the tropical forest in comfort. There are rest-houses at Mount Everard and Arakaka. **Morawhanna**, the chief Government station of what is called the North-west District, is situated 160 miles to the north-west of Georgetown. Gold was discovered in the neighbourhood in about 1889. Mount Everard was so named after Sir Everard im Thurn.

Kaieteur Fall. The Kaieteur, or Old Man's, Fall, on the upper branch of the river Potaro, a tributary of the Essequibo, was discovered by Mr. Barrington Brown, of the Geological Survey, on April 24, 1870. The Potaro River here flows over a sandstone and conglomerate table-



ALL THAT REMAINS OF KYK-OVER-AL, BRITISH GUIANA

The original Dutch settlement at the confluence of the Cuyuni and Mazaruni Rivers

land into a deep valley below, with a total fall of 822 feet, or five times the height of Niagara. For the first 741 feet the water falls as a perpendicular column into a basin below, from which it continues its downward course over a sloping cataract 81 feet in height, and through the interstices of great blocks of rock, to the river below. The width varies from 350 feet in the dry season to 400 feet in the rainy season, and the depth similarly varies from a very few feet to 20 feet. Mr. (now Sir) E. im Thurn, who was formerly Government Agent of the North-west District, thus describes the fall, which he first visited in November 1878 :

It was at Amatuk, that is, on first entering the Kaieteur ravine, that we reached the most beautiful scenery of that beautiful river. If the whole valley of the Potaro is fairyland, then the Kaieteur ravine is the penetralia of fairyland. Here, owing to the moisture-collecting nature of the sandstone rock, the green of the plants would seem yet greener and more varied. Under the thick shades were countless streamlets trickling over little ledges of rock among pigmy forests of filmy ferns and mosses. The small feather-like tufts of these ferns, each formed of many half-transparent fronds of a dark cool-looking green colour, were exquisite. Larger ferns, with a crowd of aroids, orchids, and other plants, covered the rocks between these streams in new and marvellous luxuriance. Two curious forms of leafless white-stalked parasitic gentians (*voyria*), one yellow the other white, were especially noticeable. On either side rose the tall granite cliffs, which form the sides of the ravine; the sandstone rock, of which they are a part, extends in an unbroken piece from this to Roraima. The appearance of their perpendicular tree-crowned walls, broken here and there by gaps, recalls the pictures of that mountain. Far up on the faces of the cliffs were ledges, on which grew a few green plants. Some idea of the size of these cliffs may be drawn from the fact that the field-glasses showed these plants to be tall forest trees. . . . After two hours' climb through the forest, we came out on the savannah from which the Kaieteur falls. . . .

Crossing the savannah we soon reached the Kaieteur cliffs. Lying at full length on the ground, head over the edge of the cliff, I gazed down. Then, and only then, the splendid and, in the most solemn sense of the word, awful beauty of the Kaieteur burst upon me. Seven hundred and fifty feet below, encircled in black boulders, lay a great pool, into which the columns of white water, graceful as a ceaseless flight of innumerable rockets, thundered from by my side. Behind the Fall, through the thinnest parts of the veil of foam and mist, a great black cavern made the white of the water look yet more white.

Sir E. im Thurn visited the Fall again in 1879. This second visit was made at the end of a heavy rainy season, when the scene presented a much grander aspect. He thus describes it :

Crossing the savannah, and coming to the edge of the cliff over which the Potaro falls, we once more lay down, bodies along the top of the cliff, heads over its edge. It was a very different scene from the last time. Then it was beautiful and terrible ; but now it was something which it is useless to try to describe. Then a narrow river, not a third of its present width, fell over a cliff in a column of white water, and was brought into startling prominence by the darkness of the great cave behind ; and this column of water before it reached the small black pool below had narrowed to a point. Now an indescribable, almost inconceivable, vast curtain of water—I can find no other phrase—some 400 ft. in width, rolled over the top of the cliff, retaining its full width until it crushed into the boiling water of the pool which filled the whole space below ; and at the surface of this pool itself only the outer edge was visible, for the greater part was beaten and hurled up in a great high mass of surf and foam and spray.

In recent years the Fall has been visited by quite a number of visitors, and the enterprising firm of Sprostons Ltd., the pioneers of internal communication in the colony, has rendered an expedition to it possible even for those who only spend a few weeks in British Guiana.

The firm gives the following rough outline of the proposed itinerary to and from Kaieteur :

First day. Leave Georgetown by steamer at 8 A.M. and arrive Wismar about 4 P.M.

Leave Wismar by train about 5 P.M. and arrive Rockstone 6.15 P.M.

Second day. Leave Rockstone by launch at 6.30 A.M. and arrive Tumatumari Cataract between 5 and 8 P.M., according to the state of the river.

Third day. Leave Tumatumari by launch at 7 A.M. and arrive Potaro Landing 9 A.M.

Leave Potaro Landing on foot 10 A.M. and arrive Kangaruma at noon.

Leave Kangaruma by boat at 1 P.M. and arrive Amatuk Cataract 5 P.M.

Fourth day. Leave Amatuk by boat at 7 A.M., take breakfast at Waratuk Cataract and proceed to Tukait by 4 P.M.

Fifth day. Leave Tukait at 7 A.M. and climb to top of Kaieteur by 11 A.M. at latest. Sleep at top of Kaieteur or return to Tukait same night.

Sixth day. Leave Kaieteur or Tukait, as the case may be, and proceed right through past Waratuk to Amatuk or Kangaruma before dark.

Seventh day. Leave Amatuk by boat and walk from Kangaruma to Potaro Landing, in time to catch launch which leaves daily at 2 P.M. for Tumatumari.

Eighth day. Leave Tumatumari by launch at 7 A.M. and arrive Rockstone about 4 P.M.

Ninth day. Leave Rockstone by train at 7 A.M. and arrive Wismar at 8.15 A.M.

Leave Wismar at 8.45 A.M. by steamer and arrive Georgetown about 4 P.M.

The cost of the expedition varies according to the size of the party, from \$65 (£13 10s. 10d.) to \$150 (£31 5s.) per passenger.

Roraima. Sir Everard im Thurn was the first to ascend Roraima, the remarkable mountain in the Pakaraima range on the western border of the colony, in December 1889. On it the boundaries of Guiana, Venezuela, and Brazil meet. Though few visitors care to face the exertion which an expedition to this mountain necessarily involves, the following description of his visit has a fascinating interest :

The first impression was one of inability mentally to grasp such surroundings ; the next, that one was entering on some strange country of nightmares, for which an appropriate and wildly fantastic landscape had been formed, some dreadful and stormy day, when, in their mid-career, the broken and chaotic clouds had been stiffened in a single instant into stone. For all around were rocks and pinnacles of rocks of seemingly impossible fantastic forms standing in apparently impossibly fantastic ways—nay, placed one on or next to the other in positions seeming to defy every law of gravity—rocks in groups, rocks standing singly, rocks in terraces, rocks as columns, rocks as walls and rocks as pyramids, rocks ridiculous at every point with countless apparent caricatures of umbrellas, tortoises, churches, cannons, and of innumerable other most incongruous and unexpected objects. And between the rocks were level spaces, never of great extent, of pure yellow sand, with streamlets and little waterfalls and pools and shallow lakelets of pure water, and in some places there were little marshes filled with low, scanty and bristling vegetation. And here and there, alike on level space and jutting from some crevice in the rock, were small shrubs in form like miniature trees, but all apparently of one species. Not a tree was there ; no animal life was visible ; nor, it even seemed, so intensely quiet and undisturbed did the place look, ever had been there. Look where one would, on

every side, it was the same, and climb what high rock one liked, in every direction, as far as one's eye could see was this same wildly extraordinary scenery.

During the early part of November 1894, Messrs. J. J. Quelch, F. V. McConnell, and C. A. Lloyd made the ascent to the summit by the same ledge on the south-west face of the mountain by which Sir E. im Thurn ascended, and spent three days and two nights on the top of the plateau, which they again visited in 1898.

Within the compass of this guide it is only possible briefly to outline the features of British Guiana which present themselves to the visitor making a short stay. To describe adequately the wonders of the hinterland of the "Magnificent Province" would require many pages. It must therefore suffice here to say that it is a country of boundless possibilities which requires only the attention of the capitalist to bring it into the front rank of our possessions overseas.

BRITISH HONDURAS

"Sub Umbra Floreo"

The Colony's Motto

GENERAL ASPECT. British Honduras, which lies in latitudes $18^{\circ} 29'$ and $15^{\circ} 52'$ N. and longitudes $89^{\circ} 9'$ and $88^{\circ} 10'$ W., on the east coast of Central America, has an area of 8598 square miles, of which only a very small portion has as yet been developed. Along the coast-line, which extends for a distance of 180 miles from Yucatan to the Bay of Honduras, are a number of cays or coral islets, the largest of which is about 30 miles east of Belize. The country along the coast is mostly low-lying, with numerous lagoons and a narrow strip of sand along the seaboard, which is fringed with coco-nut palms. The rivers include the Hondo, which forms the northern boundary between the colony and Mexico, the New River, on which is the former military station of Orange Walk, the Belize, which flows from the Guatemala frontier and has at its mouth Belize, the capital of the colony, the Sibun, the Mullens

River, the North Stann Creek, the South Stann Creek, the Monkey River, the Rio Grande, and the Sarstoon River, which separates British Honduras from Guatemala on the south. The general formation of the colony beyond the swampy coast lands is divided into (1) Cohune ridges, which take their name from the graceful palm *Attalea Cohune* growing in profusion on their fertile soil and comprise the lower tracts of the rivers; (2) Pine ridge, which includes the higher levels and takes its name from the Pine (*Pinus cubensis*) found in it; and (3) Broken ridge—often covered with dense jungle and intermediate between the Cohune and Pine ridges. The principal islands, or cays, off the coast are Turneffe (a corruption of Terra Nova), St. George's Cay, English Cay, and Ambergris Cay. They are much resorted to for bathing and fishing, and there are several "week-end" residences on St. George's Cay.

INDUSTRIES. Mahogany cutting is the chief industry, and large quantities of logwood and hard woods of various kinds are also shipped. The gum of the Sapodilla tree, which is called Chicle, is exported to the United States, where it is largely used for making chewing-gum. To the south of Belize bananas are being cultivated with success, and with the completion of the Stann Creek Railway this industry is likely to increase rapidly. In the year 1912 the principal exports were:

		Value
Mahogany	16,019,932 ft.	£212,722
Cedar	2,683,811 ft.	33,045
Logwood	3,622 tons	13,433
Chicle	3,309,277 lbs.	192,000
Bananas	470,039 bunches	21,606
Coco-nuts	6,553,539	25,239

The direction of trade in the same year was:

	Imports	Exports
United Kingdom	£137,057	£63,586
United States	272,885	462,445
Mexico	226,139	..

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table on next page of its revenue and expenditure, and imports and exports, for the last ten years.

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	\$	\$	\$	\$
1903-4	301,194	266,039	1,772,976	1,853,181
1904-5	309,790	282,258	1,757,319	1,863,871
1905-6	332,110	300,351	1,876,560	1,835,250.
1906-7	391,861	321,439	2,200,541	2,019,006
1907-8	395,183	506,701	2,415,723	2,211,036
1908-9	360,915	535,979	2,676,723	2,201,799
1909-10	395,855	592,120	2,704,248	2,209,023
1910-11	459,295	542,810	2,819,217	2,344,380
1911-12	1,201,908	532,123	2,886,677	2,685,849
1912-13	575,243	611,131	3,496,908	2,856,043

CLIMATE. The climate of British Honduras is sub-tropical in character, though the colony is within the tropics. The maximum shade temperature on the coast is 90° Fahr. and the minimum 62° Fahr. The average annual rainfall is about 100 inches. The dry season extends from the middle of February to the end of May, and the heaviest rainfalls occur in September, October, and November.

HISTORY. The coast on which British Honduras stands was discovered in 1502 by Columbus on his fourth voyage. Its earliest settlers are said to have come from Jamaica in 1638, being attracted by the mahogany and logwood. The islands off the Mosquito Coast had already been settled about eight years before by a chartered company, of which the Earl of Carrick was chairman and John Pym treasurer. The Mosquito Indians lived on terms of amity with the English, whom they helped to keep off the Spaniards, and in 1670 sought the protection of England. This was given them to the extent of the Governor of Jamaica exercising some supervision over the settlement, and in 1739 the native king signed a treaty giving up the country to England. A few years later forts were erected on the island of Ruatan, but they were dismantled in 1763, and though the King of Spain allowed the settlers to reside within a certain district they were treated with great severity. The wood-cutters, or "Bay-men" as they were called, now had their headquarters

on St. George's Cay, and on September 10, 1798, with the help of the crew of a British sloop, the *Merlin*, they defeated a force of 2000 men under General O'Neil, the Governor of Yucatan, in the memorable battle of St. George's Cay, the anniversary of which is still celebrated every year in the colony. In spite of this success the settlement was not officially recognised, and the inhabitants managed their own affairs. Their laws were resolutions passed at public meetings, which, after a visit of Admiral Sir William Burnaby, were codified and published as "Burnaby's Laws." Until 1786 the chief executive officer of the settlement was a magistrate elected annually. In that year a Superintendent was appointed by the Home Government in his place, and with the exception of the period from 1790 to 1797, when magistrates were again elected, Superintendents were regularly appointed until 1862, when the settlement was declared a colony and a Lieutenant-Governor subordinate to the Governor of Jamaica took their place. This official was succeeded in 1884 by a Governor and Commander-in-chief, and British Honduras is now quite independent of Jamaica.

CONSTITUTION. British Honduras is a Crown Colony. It has an Executive Council consisting of the Governor and six members, three of whom sit *ex officio*, the other three being appointed, and a Legislative Council comprising the Governor and five official and not fewer than five unofficial members appointed by the Governor.

Governors since 1891

Sir C. A. Moloney, K.C.M.G.	1891
Colonel Sir David Wilson, K.C.M.G.	1897
Sir E. B. Sweet-Escott, K.C.M.G.	1904
Colonel Sir E. J. B. Swayne, K.C.M.G., C.B.	1906
Wilfrid Collet, C.M.G.	1913

HOTELS. Belize. The *International*. Board and lodging \$1.00 per day and upwards. *Yearwood's*.

MEANS OF COMMUNICATION. There is unfortunately no direct steamship communication between the mother country and British Honduras; but intending passengers can select any of the routes overleaf:

(1) *Via* New York ; by rail to New Orleans, and thence to Belize by United Fruit Company's mail steamers (leaving New Orleans every Thursday). Time, about 15 days.

(2) *Via* New York ; by rail to Mobile and thence to Belize by Orr-Laubenheimer Company. Fortnightly.

(3) *Via* New York ; to New Orleans by Southern Pacific S.S. Company Ltd., and thence to Belize by United Fruit Company.

(4) *Via* New York ; United Fruit Company's steamers from New York to Belize (one passenger and one cargo steamer each month).

(5) Liverpool to New Orleans by Leyland Line (time, about 17 days), and thence to Belize by United Fruit Company.

(6) Liverpool to Belize by Harrison Line direct (monthly service). (Time, 3 to 4 weeks.)

(7) Bristol or Liverpool to Colon per Elders and Fyffes Ltd. ; Colon to Belize by United Fruit Company.

Communication between Belize and Stann Creek and Punta Gorda is maintained by a weekly steamer of the United Fruit Company ; and between Belize, Corosal and Orange Walk (New River) by a weekly mail steamer which connects with the United Fruit Company's mail steamers to and from New Orleans. On the Belize River motor-boats ply between the capital and El Cayo several times a week, except in dry weather ; and communication between Belize and all important places on the coast, cays, and various rivers is maintained by sloops and motor-boats.

A Government railway runs inland from Stann Creek to Middlesex, a distance of 25 miles.

The roads are not at present suitable for wheeled traffic except in the immediate vicinity of towns, and between El Cayo and Benque Viejo.

There is a canal between Sibun Bight and Manatee which is suitable for light draft boats only.

Belize and Corosal have good local telephone services, and trunk lines connect the capital with Stann Creek, Punta Gorda, El Cayo, Benque Viejo, Corosal, and Orange Walk. A cable laid under the Rio Hondo connects British Honduras with Payo Obispo, Mexico, and a wireless ship to shore station has been established in the colony.

SPORTS. Lawn-tennis is played on concrete courts of the polo and golf clubs, and there are also several private courts. Cricket is played from May to October, and there are several native cricket and football clubs. The Belize

Golf Club, which was established in 1900, has a nine-hole course (subscription \$1.25 per month and \$10 entrance fee). Polo is played on Tuesdays, Thursdays, and Saturdays from October to March by the members of the Belize Polo Club founded in 1895 (subscription \$15 per annum and \$7.50 entrance fee), under Hurlingham rules modified to suit local conditions. Fishing is a pursuit which is not much followed, though tarpon, calipever, snapper, bass, mullet, grouper, king-fish, and barracouta are plentiful. The sheltered water between the mainland and the line of reefs about ten miles to windward is admirably suited to sailing.

PRINCIPAL SIGHTS. Belize (population 10,478), the capital and seat of government, straggles up both sides of one of the mouths of the river of the same name. It is a clean and bright little town, with several public buildings. Prominent among them are the Government Office and Court House, Government House, and the Roman Catholic Cathedral, which, if not strikingly handsome, serve their purpose sufficiently well. The houses, many of which are roofed with iron as a protection against fire, are in some cases surrounded by small gardens with picturesque fruit and shade trees, among which the ubiquitous coco-nut palm predominates. Along the river fronts are stores and private residences. A bridge connects two parts of the town, and the river below presents a busy scene with its numerous pitpans—the native boat—and motor-boats, which ply between the capital and El Cayo, 100 miles distant on the western frontier, where goods are transferred to mule-back for the Peten district of Guatemala, the cays, the rivers, and various points along the coast.

The rivers of the colony provide scenery of a varied character. In the lower reaches, tropical jungle of the richest kind is seen. Farther up the country becomes hilly, and the banks high and often rocky, and abounding with maidenhair and other ferns and vegetation. Mahogany camps can be inspected by permission of the firms engaged in cutting. These firms engage the services of an expert woodman—a “hunter,” or “timber cruiser,” as he is

called—who locates and reports on suitable trees within easy reach of the rivers. A track is then cut through the forest to the tree selected, and the wood-cutters proceed with their work. After the tree has been lopped and cleaned, it is “trucked,” or hauled by oxen, to the riverside at night by torchlight, out of consideration for the bullocks, which could hardly work during the heat of the day. The logs are then allowed to lie at the riverside until the rains bring sufficient water to enable them to be floated—or “driven,” as it is called—down to the mouth, where they are boomed, or fastened together, by “dogs” until they are hauled out to be trimmed, or squared, ready for shipment.

St. George’s Cay, a small island about ten miles to the north-east of Belize, besides being exceedingly picturesque, is historically interesting as having been the scene of the memorable engagement in which the Spaniards were defeated by the British settlers in 1798 (*see page 151*). It was on this island that the first English settlement was made. Many residents in Belize now have residences on St. George’s Cay to which they repair for week-ends or longer. Each house has a bathing kraal and the fishing and sailing off the coasts are excellent.

Sergeant’s Cay, Goff’s Cay, English Cay, and Tobacco Cay, are a few of the numerous cays lying along the Coral reef about ten miles to windward of the mainland which, though they provide very primitive accommodation, are occasionally resorted to by visitors who are satisfied with sea-bathing, fishing, and sailing.

Manatee, some fifteen miles to the south of Belize, is another holiday resort of rather a primitive character. Here there are extensive lagoons. At Ben Lomond, on the Northern Lagoon there are stalactitic caves.

Still farther to the south is the agriculturally promising Stann Creek district. The town of **Stann Creek** is a well-to-do little place which has lately acquired some importance through its connection with the pioneer railway of the colony. This line, which has a 3-ft. gauge, starts from a pier in the sheltered waters of Commerce Bight to the south of the town, and runs inland for a distance

of about 25 miles to a terminus in the middle of rich agricultural land at the foot of the mountains to the west. The railway was begun in 1907, and considerable areas of land alongside the line have already been successfully put under banana cultivation.

On the Rio Grande in the Stann Creek District some ancient pyramids faced with cut stone, filled with stone and brick and standing on a stone-faced platform, are preserved as historic monuments. Their origin is unknown. In the Cayo District, near Benque Viejo, there are also some interesting ruins. Here there is a three-storied temple the ground floor of which is still in a good state of preservation. Near it is a fine sculptured stela. An account of these ancient remains is given in the British Colonial Report—Miscellaneous [Cd 6428]—published in 1912.

CHAPTER VIII

JAMAICA AND ITS DEPENDENCIES

"Indus uterque serviet uni"

The Colony's Motto

GENERAL ASPECT. Jamaica lies towards the north of the Caribbean Sea, about 90 miles south of Cuba and 1150 to the north-west of Barbados. It is rather more than twice the size of Lancashire, having a total area of 4207 miles, and its population was shown by the census of 1911 to be 831,383. The total length of the island is 144 miles, its extreme breadth 49 miles, and its least width (from Kingston to Annotto Bay) $21\frac{1}{2}$ miles. Turks and Caicos Islands (population 5615), with an area of 169 square miles, though geographically part of the Bahama Islands, the Cayman Islands (population 6000), whose area is 87 square miles, lying 110 to 156 miles north-west of the west end of Jamaica, the Morant Cays, three tiny coral islets, with an area of 2 square miles, 33 miles south-east of Morant Point, and the Pedro Cays, about 40 miles south-west of Portland Point, the most southerly point near the centre of the coast, are all dependencies of Jamaica.

The island of Jamaica is very mountainous, and history relates that Columbus, wishing to describe its features to Queen Isabella, took a piece of paper in his hands and crumpled it up. The main ridge of mountains runs east and west, with spurs extending to the north-west and south-east, the latter terminating in the east in the famous Blue Mountains, the highest peak of which has an altitude of 7423 ft. Jamaica is indented with many bays and harbours, notable among which are Port Antonio at the eastern end, and Montego Bay at the

western end of the north coast, and Old Harbour and Kingston, both on the south side of the island. The last-named, which is the finest harbour in the West Indies, has a total area of about 16 square miles, and it is computed that its depth over, or one might say under, at least 7 square miles, is from 7 to 10 fathoms. It is protected by a long spit of land called the Palisadoes, $7\frac{1}{2}$ miles long, at the extremity of which stands the town of Port Royal. Jamaica has many rivers and streams, which are mostly rapid, principal among them being the Black River, which runs through St. Elizabeth, with its Maggotty Falls, in the south-west, navigable for 25 miles, and the Rio Grande in the north-east. While most are picturesque, the Roaring River, with its beautiful falls in St. Ann's Parish, and the Rio Cobre, which empties itself into Kingston Harbour, are specially noteworthy in this respect. Among the many other streams are Plantain Garden River, in the parish of St. Thomas, which waters a broad and fertile valley, and the Martha Brae River, near the mouth of which is Falmouth town and harbour. The island is divided into three counties: Surrey in the east, Middlesex in the centre, and Cornwall in the west; but these divisions are of little importance politically, and the local affairs of the colony are under the control of Boards in the fourteen parishes, which form the true political divisions.

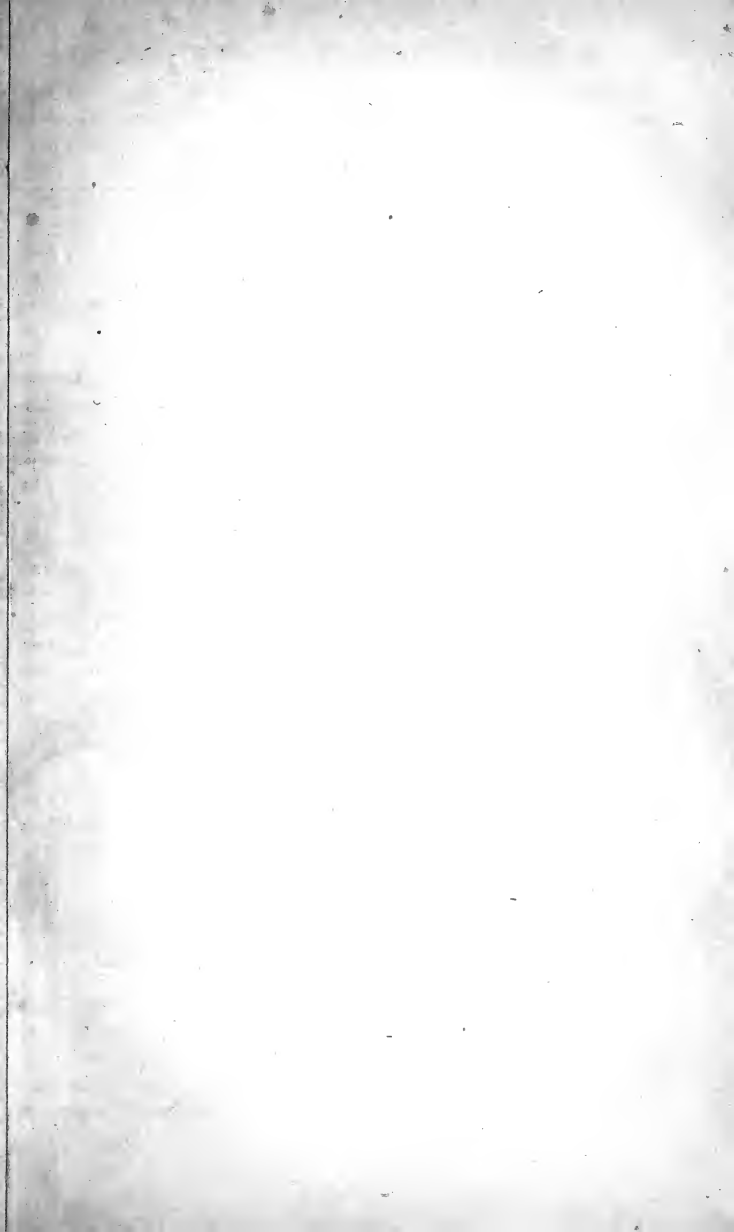
INDUSTRIES. Jamaica possesses large areas of land at various altitudes well suited for the cultivation of all tropical and sub-tropical products. In the old days sugar and rum were supreme, but in 1893-94 they were supplanted for the first time as the principal industries of the island by fruit, which has since been steadily growing in importance as an article of export. In 1912 the acreage under different kinds of produce was as follows: bananas, 82,435 acres; coffee, 24,473 acres; sugar-canes, 34,766 acres; coco-nuts, 16,691 acres; and cocoa, 13,355 acres. Ground provisions, pimento and guinea-grass are also extensively grown, the total area under cultivation of all kinds being 941,708 acres. Of the fruit exported, the principal kind is bananas, the shipments of which amount to 20,000,000 bunches per annum, the bulk going to the United States of

America. Oranges are next in importance, the total exported annually being 40,000,000. Coco-nuts number 25,000,000, and grape fruit, shaddocks, limes, and kola-nuts are also shipped in appreciable quantities. In actual value fruits account for 58.3 per cent. of the colony's exports; sugar and rum 12; and coffee, 5.5. per cent. Jamaica is, of course, famous for its rum, and on a few estates in the island the sugar-canes are grown primarily with the object of rum manufacture. The coffee from the Blue Mountains of Jamaica fetches the highest price of any in the world, and the ordinary estate coffee is excellent. Jamaica is the main source of supply of pimento, or allspice, of which the average annual exports are over 110,000 cwts. Bitter-wood, ebony, fustic, lignum-vitæ, and logwood are among the woods exported, and the dye is now extracted from the latter by a secret process at the West India Chemical Works at Spanish Town and also at a factory at Lacovia in St. Elizabeth. Tobacco is grown and cigars are manufactured at several factories. Prominent among the industries of Jamaica must be mentioned pen-keeping, which denotes a branch of agriculture including cattle and sheep breeding, horse and mule breeding, and dairying, the pens being large farms, which afford a lucrative and healthy occupation to many of the inhabitants. The principal exports in the year ending December 31, 1912, were :

Fruit		£1,297,131
including bananas, 13,382,072 stems	£1,241,187	
and oranges 30,737,900	38,422	
Wood	42,228 tons	93,346
Logwood extract	24,898 pkgs.	175,677
Pimento	107,504 cwts.	78,388
Sugar	197,960 cwts.	132,798
Rum	894,679 galls.	67,100
Coffee	89,586 cwts.	274,730
Cocoa	65,675 cwts.	139,833
Coco-nuts	22,949,450 nuts	108,627

The direction of the colony's export trade in 1912 was as follows : United Kingdom 13.2 per cent. ; United States, 59.8 ; Canada, 5.5 ; other countries, 21.5.

FINANCIAL POSITION. The financial position of the colony is shown by the following comparative table of



78°

77°30'

18°30'

18° Lat.

North latitude

78°

77°30'

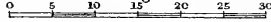


77°

76° 30'

JAMAICA

Scale of English Miles



18° 30'



77° Longitude West of Greenwich

76° 30'

Stanford's Geographical Estab^l



revenue and expenditure, and imports and exports for the last ten years :

Year.	Revenue.	Expenditure.	Imports.*	Exports.*
	£	£	£	£
1903-4 .	926,164	822,876	2,014,477	1,543,267
1904-5 .	751,562	824,816	1,682,355	1,436,725
1905-6 .	865,696	821,612	1,941,938	1,843,180
1906-7 .	887,228	828,115	2,261,469	1,992,007
1907-8 .	1,021,937	935,427	2,854,042	2,360,202
1908-9 .	933,750	911,095	2,240,335	2,268,253
1909-10 .	992,977	1,033,794	2,561,674	2,628,307
1910-11 .	990,399	987,304	2,614,943	2,568,221
1911-12 .	1,161,014	1,155,208	2,865,553	2,945,157
1912-13 .	1,206,161	1,304,930	3,050,479	2,709,203

* Since 1909 the Imports and Exports Returns have coincided with the calendar year.

CLIMATE. Jamaica offers a variety of climates. Near the sea-level the temperature varies from 68° Fahr. to 85° Fahr., but in the mountains it often falls as low as 45° Fahr. on winter nights. Houses in the Blue Mountains even have fireplaces, and at the Blue Mountain Peak frost is not unknown. There are two principal rainy seasons, namely, in May and October, but there is generally more or less rain all through the summer months. As a rule, less rain falls in Kingston than in most other parts of the island. The great heat is tempered by sea breezes during the day and land breezes by night. The birth-rate is 39.0 and the death-rate 22.1 per 1000.

HISTORY. Jamaica, the largest of the British possessions in the West Indies, was discovered by Columbus on May 3, 1494. He called it St. Jago, after the patron saint of Spain, but it reverted to its native name "Xaymaca" ("well wooded and watered"). On his fourth and last voyage he again visited the island. Being caught in a violent storm, he ran his ships aground in St. Ann's Bay, on the north coast. The exact spot now bears the name of Don Christopher's Cove. When Columbus died in 1506,

his son Diego inherited his property, and went out to Hispaniola (the island now divided between the republics of Haiti and Santo Domingo) as Governor. On arriving there he found that Jamaica had been partitioned between two Spaniards, and accordingly, in order to establish his rights, he sent out Esquivel, or Esquimel, to found a settlement in the island under his direction. The settlement was made on the north side ; but between the years 1520 and 1526, the colonisation having extended to the south, the town of St. Jago de la Vega, now Spanish Town, was founded, and this soon became the chief town. In 1596 the island was raided by the English under Sir Anthony Shirley, who attacked and plundered Spanish Town, and in 1643 Colonel Jackson, with 520 men from the Windward Islands, landed at Port Royal and exacted a ransom from the defenders. But Jamaica remained Spanish for 161 years, and it was not until May 11, 1655, that it changed hands. On that eventful day it yielded to a force under Admiral Penn and General Venables, sent out by Cromwell against the neighbouring island of Haiti. In 1657-8 an attempt was made to recapture the island for Spain ; but most of the colonists were apathetic, and those who were not joined the Maroons, or runaway slaves—the name is an abbreviation of *cimarron*, and is derived from the Spanish *Cima*, or mountain top—in the interior of the island, and so began the long series of troubles with the Maroons which was finally put an end to after the quelling of the rebellion in 1796 by the deportation of many of the rebels to Nova Scotia. In June 1670, the British occupation of Jamaica was formally recognised by the Treaty of Madrid. Colonisation was proceeded with, and there was a large influx of soldiers, who did not make good colonists, and also of very undesirable refugees. A number of settlers also came from Nevis and other West Indian islands. Jamaica became one of the headquarters of the Buccaneers, a daring band of freebooters of all nationalities, who were deadly opposed to the rule of Spain. They derived their name, Buccaneers, from South American hunters, who joined pirates known as filibustiers from the Dutch flyboats in which they made their expeditions. These hunters were in the habit of drying

their meat on wooden grills called "boucans," and the name **Buccaneers** was given to the whole gang. Their headquarters were at Port Royal, which became a town of immense wealth, and perhaps the richest in the West Indies, while Morgan, one of their leaders, eventually became Lieutenant-Governor of Jamaica.

CONSTITUTION. Jamaica has a Legislative Council, consisting of the Governor, who has only a casting vote, five *ex officio* members, namely, the Senior Military Officer, Colonial Secretary, Attorney-General, Director of Public Works, and Collector-General, and such other persons, not exceeding ten in number, as his Majesty may from time to time appoint, or as the Governor may from time to time provisionally appoint, and fourteen persons elected by the people, one for each parish. The elected members have the control in financial matters. The Council is dissolved at the end of five years from the last preceding general election, if it has not been previously dissolved. There is also a Privy Council, with the usual powers and functions of an Executive Council.

Governors of Jamaica since 1888

Sir Henry A. Blake, G.C.M.G.	. . .	1888
Sir Augustus L. Hemming, G.C.M.G.	. . .	1898
Sir J. Alexander Swettenham, K.C.M.G.	. . .	1904
Sir Sydney Olivier, K.C.M.G.	. . .	1907
Brigadier-Genl. Sir William Manning, K.C.M.G., C.B.	. . . . .	1913

HOTELS. Jamaica has some good hotels, conducted on the American system. In **Kingston** there is the *Myrtle Bank*, rebuilt in 1910. Board and lodging, \$5 and upwards per day in winter, \$3 and upwards in summer. The *Constant Spring Hotel* (temporarily closed 1914), 6 miles from Kingston, can be reached by electric car. It stands 470 ft. above the level of the sea and at the foot of the mountains. The *Manor House Hotel*, near the Constant Spring, has 30 rooms, and is excellently managed. Board and lodging from 12s. per day. The *St. Andrew Hotel* (Mrs. Austin) on the car-line, between Halfway Tree and

the Cross Roads, from 14s. a day. *South Camp Road Hotel* (H. A. Evelyn, manager), from \$4 a day, and the *Imperial Hotel*, from \$3 a day, both in the South Camp Road. Good accommodation can also be had at the *Grenville Private Hotel* (the Misses Farquharson), 112 East Street, at *Earl's Court* (Mrs. Cook's), 18 North Street, at *Montague House* (in North Street), and at *Melrose House* (Miss Phillips), 117 Duke Street. All are on or near the car-line, and enjoy a well-merited reputation for comfort. Board and lodging 12s. a day and upwards. *Hill Gardens* furnished cottages, six miles from Kingston on the Constant Spring car-line, can be leased on reasonable terms (apply S. J. Streadwick, 70 Harbour Street, Kingston). There are also several smaller hotels and plenty of lodgings to be had at prices varying from 15s. to £2 10s. per week.

Balaclava. *Miss Roberts'* lodgings—Rooms 3s., Board and lodging £1 12s. per week.

Bath. Comfortable accommodation may be obtained at the Bath Fountain, one mile from Bath (apply to the Matron or to the Clerk, Bath Corporation, Bath P.O.).

Black River. *Sheaver's* Boarding House and *Mrs. Constantine's* Boarding House.

Brown's Town. *Richmond Hotel* (Mrs. Sutherland)—8s. per day, Board and lodging £2 10s. per week.

Castleton Gardens. Accommodation can be obtained during the winter months at *Castleton Cottages*, on the road between Kingston and Annotto Bay.

Hollymount. *Hollymount House*, on the summit of Mount Diablo, 2700 ft., commands magnificent views of both sides of the island; 30 rooms—Board and lodging 12s. per day and upwards.

Malvern (Santa Cruz). *Lawrence House.*

Mandeville. *Hotel Mandeville*, 2061 ft. above the sea—Rooms 4s., Board and lodging £2 10s. to £3 per week. *Newleigh* (Mrs. Halliday), Board and lodging £2 10s. per week. *The Grove* (J. B. Dick)—Board and lodging 10s. per day, £3 3s. per week. *Bloomfield Hotel* (M. Braham).

Milk River. There is a boarding house at the baths.

Moneague. *Moneague Hotel*, about 900 ft. above the sea—Rooms 4s., Board and lodging £2 10s. per week.

Montego Bay. *Spring Hill Hotel*—Board and lodging \$3 per day. *Staffordshire House* (Mrs. Jervis)—Board and lodging 8s. 4d. per day. *Sanatorium Caribee*—Board and lodging 10s. 6d. per day. *Montego Bay Hotel*—Board and lodging 12s. per day, £3 10s. per week. Furnished cottages can also be obtained and many families take paying guests.

Montpelier. *Mackfield Hotel* (Mrs. Munroe)—Rooms 4s., Board and lodging £4 10s. per week.

Port Royal Mountains. **Flamstead** (Mrs. Dick)—Board and lodging, about £2 a week.

Port Antonio. The *Titchfield Hotel* of the United Fruit Company (rebuilt after a fire in 1910)—Board and lodging from \$5 per day upwards. The *Waverley Hotel*.

Spanish Town. *Hotel Rio Cobre*—Rooms 4s., Breakfast 3s., Luncheon 2s. 6d., Dinner 4s. 6d., Board and lodging £3 to £4 per week.

St. Ann's Bay. *Hotel Osborne* (Miss Hart), about 5 minutes from the wharf and within 3 miles of Roaring River.

In addition to the hotels mentioned, there are boarding-houses in nearly all the towns of any size, varying in merit, where wholesome, if not elaborate, cooking can be obtained, and there are indications that the rural districts are preparing to make better provision than heretofore for the reception of visitors. On private enquiry, a few planters, pen-keepers, and others may be found who are willing to take paying guests on suitable introduction; and for those who can afford the time this is perhaps the best way of getting to know the country and the people under home-like conditions. Stopping at hotels, where there are any, and lodging-houses, the expense of board and lodging may be assumed roughly to be from 15s. to £1 5s. a day, if travelling quickly. In Jamaica, as elsewhere, longer sojourns mean a reduced daily expenditure.

MEANS OF COMMUNICATION. Jamaica is served by the steamship companies numbered 1, 2, 3, 7, 9, 12A, 15, 21 and 27 in the list on pages 14 to 27. The steamers go alongside the wharf at Kingston and there is consequently no landing charge. The roads in Jamaica are numerous and

attractive for motorists, the gradients on the hills being not too steep and the fords usually passable. Kingston and its suburbs have a smart service of electric trams run by the West India Electric Company Ltd. whose lines are 25 miles in extent. Fare, 2*d.* a journey. Two lines, the "Avenue" and "East Street Belt," run round and through the city. Another goes east to within a short distance of Rockfort, another north for about six miles to Constant Spring, and a third, called the "Hope Gardens" line, runs for six miles to Papine, on the way to Gordon Town.

There are several livery stables in Kingston, including those of Harold E. Bolton, W. G. Clark, and A. E. Clough. The general charge for carriages for long distances is £1 per day. On extended tours, arrangements can be made for a charge to include the cost of feeding the driver (1*s.* 6*d.* per day) and horses (a charge varying according to the market prices of fodder). Double buggies for shopping in Kingston and St. Andrew can be had for 6*s.* per hour, and saddle ponies for morning and evening rides 8*s.* Cabs, known locally as "buses," can be hired in Kingston, Spanish Town, Old Harbour, Port Antonio, Porus, Linstead, and Ewarton, for 6*d.* per journey within the town limits, and by arrangement for longer distances. There are fair livery stables in most of the country towns of the island, where prices are lower than in Kingston. There is quite a number of motor-cars in the island, both private and for hire, and cars can now be hired at most of the principal towns. In Kingston they can be obtained at the West Street Garage, the Motor-Car Car and Supplies Ltd. (Harbour Street), and Bolton's Motor Service (36 Duke Street). The cost is about 1*s.* to 1*s.* 3*d.* per mile, counting from the garage back to the garage.

Mail coaches run regularly at stated times between Montego Bay and Lucea (25 miles, 4 hours), fare 8*s.*; Santa Cruz and Balaclava (16 miles, 3 hours 5 min.), fare 6*s.*; Black River and Ipswich (18 miles, 3 hours 5 min.), fare 6*s.*; and Savanna-la-Mar and Montpelier (22 miles, 4½ hours), fare 6*s.*, daily.

The Jamaica Government Railway (gauge, 4 ft. 8½ in.) starts from the west end of Kingston, which it connects

with Spanish Town ($\frac{1}{2}$ hour), Old Harbour (1 hour), Porus ($2\frac{1}{4}$ hours), and Montego Bay (7 hours). Another line extends from Spanish Town to Bog Walk (25 minutes) and Port Antonio ($3\frac{1}{2}$ hours, 4 hours and 20 mins. from Kingston). From Bog Walk, Ewarton is reached by a branch line (27 minutes), and another branch line, the first section of which was completed in 1913, opens up the Rio Minho valley and Upper Clarendon from May Pen. Week-end tickets are issued at the price of a fare and a half. Carriages meet all the trains at the principal stations. In the following tables are the names of the stations and their distances from Kingston.

MONTEGO BAY LINE

	Miles from Kingston.	Fares.	
		1st Class.	3rd Class.
		<i>s. d.</i>	<i>s. d.</i>
Kingston	—	—	—
Gregory Park	6 $\frac{1}{2}$	1 0	6
Grange Lane	9	1 6	9
Spanish Town	11 $\frac{3}{4}$	2 0	1 0
Hartlands	15	2 6	1 3
Bushy Park	20	3 6	1 9
Old Harbour	22 $\frac{3}{4}$	4 0	2 0
May Pen	32 $\frac{1}{2}$	5 6	2 9
Four Paths	37	6 2	3 1
Clarendon Park	42 $\frac{1}{4}$	7 2	3 7
Porus	46 $\frac{3}{4}$	8 0	4 0
Williamsfield	53	8 10	4 5
Kendal	54 $\frac{3}{4}$	9 2	4 7
Greenvale	61 $\frac{1}{4}$	10 2	5 1
Balaclava	70 $\frac{1}{2}$	11 10	5 11
Appleton	76 $\frac{3}{4}$	12 10	6 5
Ipswich	85 $\frac{3}{4}$	14 4	7 2
Catadupa	94	15 8	7 10
Cambridge	97 $\frac{3}{4}$	16 4	8 2
Montpelier	102 $\frac{3}{4}$	17 2	8 7
Anchovy	105 $\frac{1}{2}$	17 8	8 10
Montego Bay	112 $\frac{3}{4}$	18 0	9 0

[Montego Bay can also be reached once a week via St. Ann's Bay by motor-car (126 miles) which leaves Gardner's

Store, Harbour Street, every Friday at 8.30 A.M. Fare £1 10s. per seat.]

PORT ANTONIO LINE *

	Miles from Kingston.	Fares.	
		1st Class.	2nd Class.
		s. d.	s. d.
Kingston	—	—	—
Bog Walk	20½	3 6	1 9
Riversdale	26½	4 1	2 3
Troja	30¾	5 2	2 7
Richmond	35¾	6 0	3 0
Albany	42	7 0	3 6
Annotto Bay.	49¾	8 4	4 2
Buff Bay	58½	9 10	4 11
Orange Bay	61¼	10 4	5 2
Hope Bay	66	11 0	5 6
St. Margaret's Bay	69½	11 8	5 10
Port Antonio	75	12 0	6 0

EWARTON BRANCH *

Kingston	—	—	—
Linstead	23¾	4 0	2 0
Ewarton	29	5 0	2 6

CLARENDON BRANCH †

Kingston	—	—	—
Suttons	42½	7 6	3 9
Chapelton	45¾	8 0	4 0

* Connects at Spanish Town, to which the route is identical with that on the Montego Bay line. † Connects at May Pen.

A Government launch plies between Kingston and Port Royal five times a day. Fare 1s. (25 cents).

Some idea of the very beautiful coast-line of Jamaica may be obtained by taking a trip in the coastal steamer which starts from Kingston, and takes about eight days to perform the journey round the island. (Service under revision 1914.) The principal ports (going to the east from Kingston) are ;

Kingston
 Morant Bay
 Port Morant
 Port Antonio
 Annotto Bay
 Port Maria
 Ocho Rios
 St. Ann's Bay

Dry Harbour
 Falmouth
 Montego Bay
 Lucea
 Sav.-la-Mar
 Black River
 Alligator Pond
 Kingston

The Cuba Railroad Company's *S.S. Prince Rupert* leaves Kingston and Port Antonio for Santiago (Cuba) on Tuesdays, Thursdays and Saturdays—from Port Antonio (7½ hours) and from Kingston (17 hours); and returns on Mondays, Wednesdays and Fridays. *Fares*, including meals and berth, Port Antonio and Santiago, \$15.00; Kingston and Santiago, \$12.00. Through routes from Kingston to Havana or *vice versa*, \$35.00. Return fare, \$60.00.

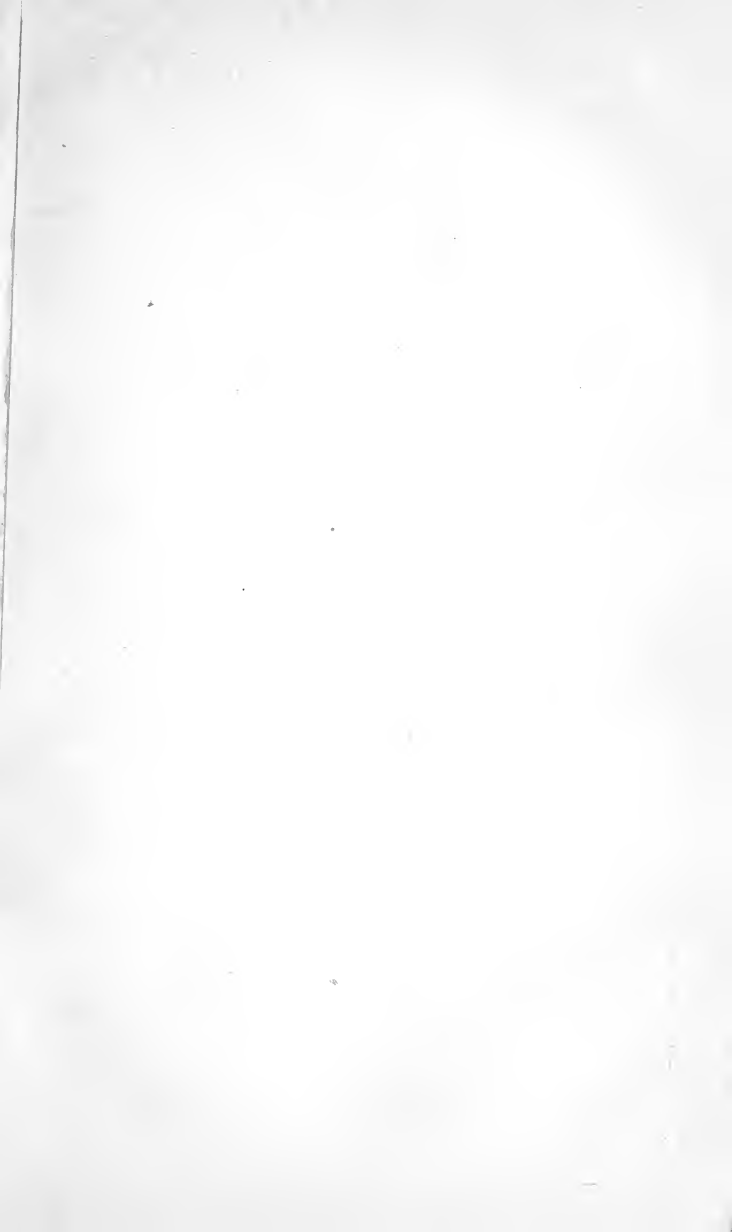
SPORTS. Cricket is popular in Jamaica, and the cricket clubs include Kingston, Kensington, the Garrison, Melbourne, and Lucas. Football also has its votaries in the cooler months, and lawn-tennis, golf, and croquet are played all the year round. Lawn-tennis tournaments, open to strangers if introduced, are held at the Liguanea Club at Knutsford Park, near Halfway Tree, and the St. Andrew Club, at Cross Roads. Polo is very popular, and is played weekly at the Camp and on the ground of the Kingston Polo Club. The links of the Jamaica Golf Club adjoin the Constant Spring Hotel, and there are links at the Liguanea Club, where there are also numerous lawn-tennis courts. Yachting and rowing can be enjoyed in Kingston and other harbours. There is fair sport in Jamaica for rod and gun. Blue pigeon, the bald-pate, the ring-tail pigeon, the white-wing, the pea dove, the white-belly, and the partridge are the principal game-birds. The close time is from March 1 to about July 15, or sometimes even to August 21. Jamaica is also visited every winter by large flocks of duck and teal, besides snipe, which afford good sport. With regard to fish, snook, snappers, and tarpon are to be caught with rod or hand-line at the mouths of nearly all the rivers. Tarpon also abound in the bays and inlets, and often scale over 100 lb. Higher up the rivers, mountain mullet, sand-fish, snook, tarpon, and drummer are all to be caught.

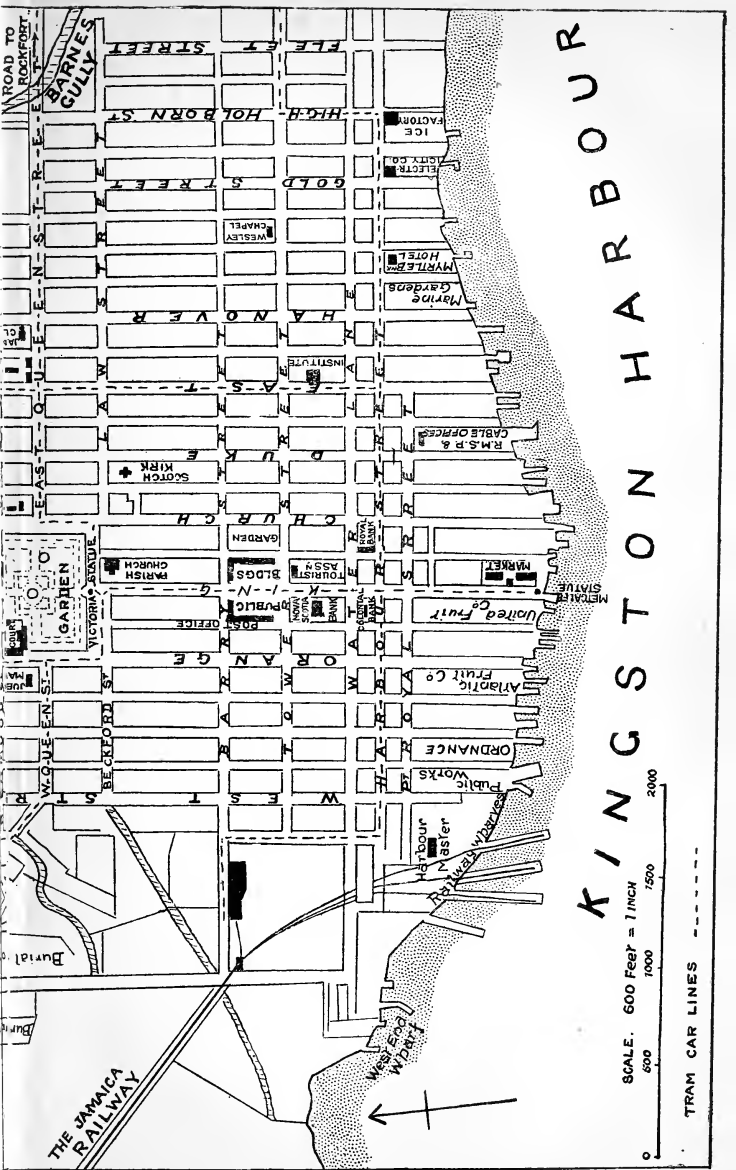
Racing takes place under the Jamaica Jockey Club at Knutsford Park, and also on the old Kingston racecourse and in the country districts. Jamaica has upwards of 2200 miles of main roads, most of which are well suited for motoring. The gradients rarely exceed 5 per cent., or 1 ft. in 20, though occasionally gradients of 20 per cent. are met with. Motorists are advised to consult the official "Itinerary of the Main Roads," published at the Government Printing Office.

SOCIAL CLUBS. Kingston. The Jamaica Club at 59 Hanover Street in Kingston, founded in 1872, welcomes visitors. The Liguanea Club at Knutsford Park opened by Chief Justice Sir Fielding Clarke in 1910, and the St. Andrew Club off Cross Roads, founded in 1895, are select "Country Clubs." The Royal Jamaica Yacht Club has a club-house in Rae Town, which commands a splendid view of Kingston harbour. **Montego Bay** and the other towns of importance also have comfortable social clubs.

PRINCIPAL SIGHTS. Kingston. After rounding Port Royal (*see page 180*), at the extremity of the spit of land known as the Palisadoes, the steamer proceeds along a buoyed channel in Kingston Harbour. To seaward on the land to the left rise the Healthshire Hills, on which is Rodney's "Look-out," erected when the great admiral was on the Jamaica station, 1771-1774. The grim Apostles Battery—so called from the number of its embrasures—Fort Henderson and Fort Augusta are passed in succession on the left; but it is not until the steamer is quite near the city that Kingston is seen nestling at the foot of the superb mountains, the nearer of which is the Long Mountain, with the famous Blue Mountains beyond. The first glimpse of the city is not prepossessing, for where there might have been a sea-wall—if a suggestion made by Mr. E. A. de Pass and others after the earthquake and fire of 1907 had been carried out—is an ugly line of irregular wharves.

Kingston, the capital of Jamaica (population 57,379), is the largest town in the British West Indies, covering as it does with the suburbs an area of about 1080 acres. The streets run at right angles to one another, and the principal thoroughfares are traversed by electric cars (*see*





ROAD TO ROCKFORT

BARNES GULLY

STREET
HOLBORN ST
HIGH
GOLD
STREET

ICE FACTORY
ELECTR. CO.
WESLEY CHAPEL

MYRTLE HOTEL
MAYNE GARDENS

HANOVER
INSTITUTE

R.M.S.P. & CABLE OFFICES
SCOTCH KIRK

CHURCH
GARDEN
TOURIST BLDGS
MARKET

United Fruit
PUBLIC OFFICE
NEW SCOTIA BANK
GENERAL BANK

Atlantic Fruit Co
ORDNANCE
Public Works

W. QUEEN ST
BECKFORD ST
HARBOUR MASTER
RAILWAY

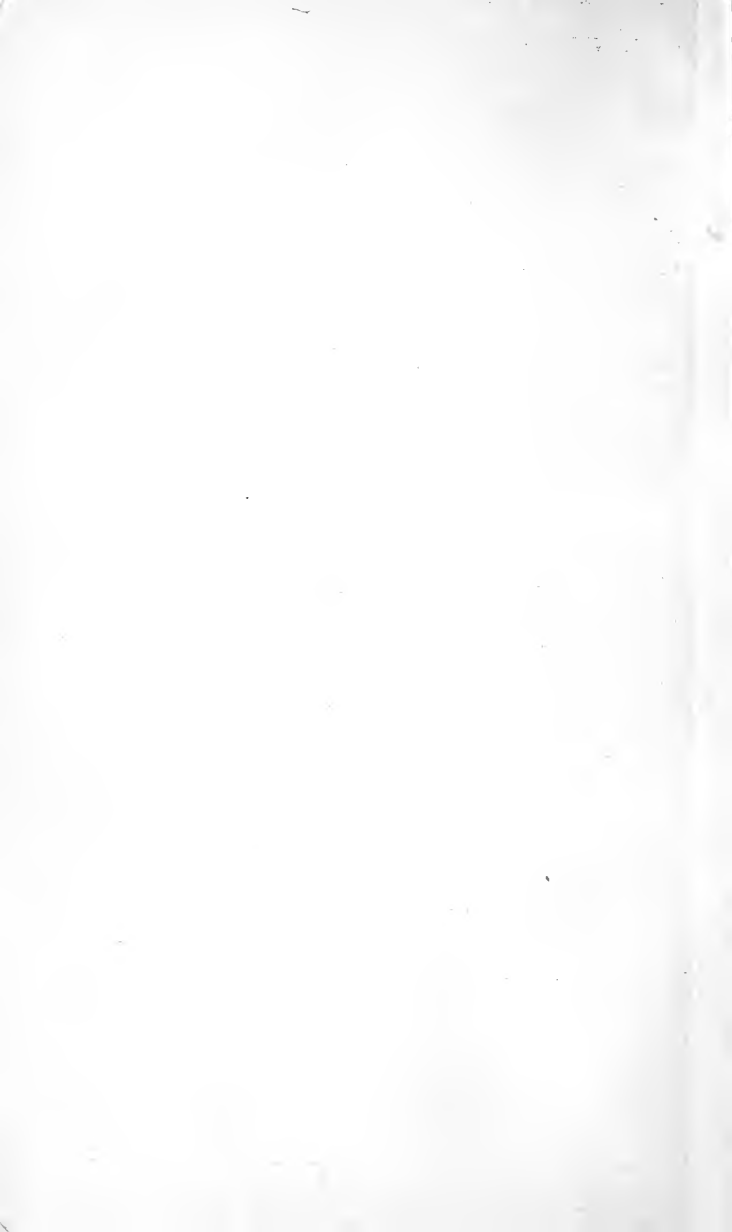
WEST END WHARF

THE JAMAICA RAILWAY

KINGSTON HARBOUR

SCALE. 600 Feet = 1 INCH
500 1000 1500 2000

TRAM CAR LINES



page 164). The city has an excellent telephone service, and is lighted with gas, while many of the churches and public and private buildings have electric light.

The foundation of the city dates from 1692, when Port Royal, then the chief town, was destroyed by an earthquake and the survivors moved to the lower part of Liguanea, the property of Sir William Beeston, where Kingston now stands. It was not, however, until 1870 that the city became the capital of Jamaica, the seat of government being transferred to it from Spanish Town in that year by Governor Sir John Peter Grant.

On January 14, 1907, Kingston was almost completely devastated by earthquake and fire.

The season was at its height and the number of visitors was swelled by a distinguished party, including Lord Dudley and Mr. Jesse Collings, brought out by the great shipowner, Sir Alfred Jones, in the R.M.S. *Port Kingston*, to attend the West Indian Agricultural Conference which was to be held in Kingston for the first time. The day opened brilliantly fine, the sun shining from a cloudless sky, and there was no indication of the impending disaster. In the morning the Conference met at the old Mico College in Hanover Street, and was opened by the Governor, Sir Alexander Swettenham. An adjournment was made for lunch, and at 2.30 the delegates reassembled. Shortly after, a loud rumbling noise was heard, which was at first taken to be heavily laden waggons passing down a neighbouring street. The rumbling became a roar, punctuated by an appalling series of bangs, and in a moment the whole room was shaken violently up and down, the floor rising and falling in a distinct series of waves. Windows fell out, pictures came tumbling down, and all was confusion, the room being filled with débris. Similar scenes were being enacted all over the city, which for long after the first shock was quite covered by a pall of dust. Fire assisted in the work of destruction, and it is estimated that the loss of life was between 1000 and 1500 persons, while that of property was set down at from £1,000,000 to £1,500,000. A Mansion House fund for the relief of the sufferers amounted to £55,395, and as the result of representations made by the local Legislature and the West India Committee, a free Imperial grant was made by Parliament of £150,000 and a loan of £800,000 was authorised. The funds were distributed by a Relief Committee, afterwards the Assistance Committee.

The city has since been rebuilt on greatly improved lines.

On emerging from the Customs sheds, the first street one reaches is **Port Royal Street**, running parallel with

the harbour front, in which many merchants' offices and warehouses are situated. At the east end is the building of the Royal Mail Steam Packet Company, in which the **Cable offices** of the West India and Panama Telegraph Company and the Direct West India Cable Company are also housed. Painted yellow, this is one of the most picturesque buildings of the post-earthquake Kingston. The hall is panelled with West Indian mahogany.

Parallel to Port Royal Street is Harbour Street, in which some of the best stores are situated. At the east end, a little back from the roadway, is the palatial **Myrtle Bank Hotel**, constructed in the old "Mission" style, which replaces a red brick building wrecked in 1907. It has two wings stretching towards the harbour, which secure for the hotel the full benefit of the refreshing sea breeze, appropriately called the "Doctor."

Harbour Street is intersected near the centre by **King Street**, the most important thoroughfare in Kingston, which extends from the water front to the Victoria Park, and beyond that again to the northern limits of the city.

Near the water side is a statue of Sir Charles Metcalfe, Governor from 1839 to 1842, by Edward Hodges Baily, R.A., a pupil of Flaxman, which was first erected in Spanish Town, the House of Assembly voting £3000 for the purpose. It was subsequently placed at the top of King Street, but was removed to its present site in 1898 to make room for a statue of Queen Victoria. It now stands on a pedestal which for some years supported Bacon's statue of Rodney, now at Spanish Town.

Sir Charles Metcalfe, who was one of Jamaica's most popular Governors, is represented bareheaded and wearing the insignia of the Bath. On the original pedestal is the following inscription :

THIS STATUE
IS ERECTED IN HONOR OF
THE RT. HON. SIR CHARLES THEOPHILUS METCALFE, BART. K.C.B.
NOW BARON METCALFE
BY THE GRATEFUL INHABITANTS OF JAMAICA
IN COMMEMORATION
OF THE BENEFITS DERIVED FROM
HIS WISE, JUST AND BENEFICIAL ADMINISTRATION
OF THE GOVERNMENT OF THE ISLAND
A.D. 1845

On the lower pedestal, erected to receive Rodney's statue, is placed an earthenware tablet (similar to those erected by the Royal Society of Arts in London) which was put up by the Institute of Jamaica in 1892, to record the following fact :

12 FEET WEST OF THE
CENTRE OF THIS PEDESTAL,
COMMANDER GREEN,
U.S.N. IN 1875 ERECTED THE
LONGITUDE STATION OF
KINGSTON AND FOUND IT TO BE
5h. 7m. 10.65 s. ($76^{\circ} 47' 39.8''$)
WEST OF GREENWICH.

IJ

Proceeding from the Metcalfe statue up the street, one comes to the **Victoria Market** on the right, a commodious iron structure which cost, including the lands purchased, £22,778. The market presents an animated scene in the early hours of the morning, especially at Christmas, and should certainly be visited about 6 A.M. After crossing Harbour Street, the imposing building of the **Colonial Bank**, with frontages on that street, King Street and Water Lane, is reached. It is built in Queen Anne style from designs by Messrs. Hoare and Wheeler, and was opened in 1909. The plinth is finished with green marble from Sweden, and the roof is covered with green glazed tiles, which with the copper-covered domes strike a pleasing note of colour.

Nearly opposite the Bank is the restaurant called **The Oleanders**, which is a favourite resort for luncheon and at tea-time.

A little higher up King Street on the left is the imposing building of the **Bank of Nova Scotia**, in the upper floor of which the rooms of the Royal Jamaica Society of Agriculture and **Merchants' Exchange**—the local Chamber of Commerce—are situated. The architects were Messrs. Darling and Pearson, of Toronto, who chose the Mission style as being most appropriate for the site. The banking hall is a particularly handsome and well-ventilated room. On the right of King Street in the Coronation Building, which faces on to Tower Street, is the office of the **Jamaica**

Tourist Association, where between 9 A.M. and 4 P.M. information of every kind regarding the island can be obtained free of charge, expeditions planned, &c.

Beyond the Bank are the **Public Buildings** in two blocks, one on either side of the street. After the earthquake of 1907 Sir Sydney Olivier, the then Governor, saw, and wisely grasped, the opportunity of concentrating the various Government offices, which till then had been as widely scattered as the branches of the Board of Trade in London. The result is two handsome blocks of buildings, each covering an area of approximately 32,430 sq. ft., and enclosing a space laid out with gardens and palm trees. Both blocks were designed by Sir Charles Nicholson, and consist of three floors, while each has a flat roof, which with the verandahs and colonnades gives the building quite an Eastern appearance. The western block was built by Messrs. Cowlin and Son, Bristol, but the eastern one was constructed in its entirety by Messrs. Mais and Sant, a local firm. The western block contains the Treasury and Savings Bank, the offices of the Collector-General, the Collector of Taxes, the Stamp and Customs Department, and on the uppermost floor the Audit Office, while at the northern end is the spacious **Post and Telegraph Office**. The eastern block is devoted to the Supreme Court, the Law Library, the offices of the Attorney-General and Administrator-General, the Registry of Titles and the Kingston Court, while the upper floor is occupied by the offices of the Inspector-General of Constabulary and Prisons, the Surveyor-General and Land Department, the Education Department and the Board of Education. To the east of this block a charming garden extends to Church Street. The fittings and furniture throughout the buildings were specially constructed from native hard-wood.

The **Railway Station** of the Jamaica Government Railway stands some blocks to the west of the Public Buildings, and can be reached by Barry Street, which runs past the northern end of the Post Office.

Beyond the Public Buildings on the right-hand side of King Street stands the **Parish Church**. When in 1695 Kingston was laid out by Colonel Christian Lilly after the destruction

of Port Royal three years previously, provision was made for a Parish Church. The year of its actual construction is not known, but the earliest date on a tombstone is 1699, and on the Communion plate 1701. The first Rector was the Rev. William Collins, M.A., of St. Catherine's College, Cambridge, who was appointed in 1701. A tower was added between the years 1740 and 1774. About the beginning of the nineteenth century the building was extended in length and a handsome Baldacchino was added. In 1883 to 1885 the building was considerably enlarged by the addition of side aisles, giving extra accommodation for 500 persons and making sitting room for 1200 in all. In 1895 the Vestry was added and the old brick wall, which formerly surrounded the churchyard, was replaced by present railing. The church was very seriously damaged by the earthquake of 1907, but happily the roof and floor of the church remained intact, and the organ (erected in 1878), the lectern (1886), the bell (1890), the pulpit (1891) were saved from the wreckage. The church was restored on its original lines with slight modifications—which included an extension of the nave by 18 ft. at the western end, so that it now covers the ground occupied by the old tower. It was opened for Divine Service on February 21, 1910. The Church has always been known as the Kingston Parish Church, and no record exists of its ever having been dedicated to any Saint, till, on its reconsecration when rebuilt after the earthquake, it was dedicated to St. Thomas.

Most treasured of all its monuments is the tombstone, in the chancel, of Vice-Admiral John Benbow, who died on November 4, 1702, "of a wound in his leg received in an engagement with Mons. du Casse" during a battle on August 21, 1702, which is described in "West Indian Tales of Old."

The gallant Benbow, with one ship, engaged the French squadron, consisting of five ships. The battle began on August 19. Out of seven English ships five refused to support Benbow, and a sixth was soon disabled. But in the *Breda* he attacked the Frenchmen, and was three times boarded. He was shot in the leg, and, when sympathised

with, he said, "I am sorry for it too ; but I had rather have lost them both than have seen dishonour brought upon the English nation. But, do you hear, if another shot should take them off, behave like brave men and fight it out." But the day was lost and the *Breda* returned to Jamaica with the wounded and disconsolate Admiral. Monsieur Du Casse, in a letter to Benbow, wrote, "I had little hope on Monday last but to have supped in your cabin, but it pleased God to order otherwise, and I am thankful for it. As for those cowardly captains who deserted you, hang them up ; for, by God, they deserve it." Two of the captains were tried by a Council of War and were sent home and shot on board the *Bristol* at Portsmouth, not being suffered to land on English ground. A third was condemned to imprisonment and loss of pay, and a fourth died. The tombstone is inscribed :

HERE LYETH INTERRED THE BODY OF
JOHN BENBOW ESQ.
ADMIRAL OF THE WHITE
A TRUE PATTERN OF ENGLISH COURAGE WHO LOST HIS LIFE IN
DEFENCE OF HIS QUEENE AND COUNTRY
NOVEMBER YE 4TH 1702
IN THE 52^D YEAR OF HIS AGE
BY A WOUND IN HIS LEGG RECEIVED IN AN ENGAGEMENT WITH
MONS^R DU CASSE
BEING MUCH LAMENTED.

Other monuments of note are those of Malcolm Laing and his wife (1794) and Dr. Fortunatus D'Warris and his step-daughter (1792), all by John Bacon, R.A. ; Edward Manning (1756), Member of the House of Assembly for Kingston ; John Wolmer, the founder of Wolmer's School ; William May, Rector (1722) ; Captain Samuel Phillipps (1757), who received a gold medal and chain for cutting out H.M.S. *Solebay* from St. Martin's Road ; John Jacques (1815), first Mayor of Kingston ; and Vice-Admiral Bartholomew Rowley (1811). In the churchyard are the tombs of Janet Scott, sister of Michael Scott (author of "Tom Cringle's Log"), of Robert Bogle, his brother-in-law, and of Robert Hamilton, who was the original "Aaron Bang" in the "Log."

Amongst other places of worship in Kingston are St.

George's in East Street, St. Michael's in East Queen Street (both Anglican); the Scotch Kirk in Duke Street, the Calabar Church (Baptist) in East Queen Street, and the Jewish Synagogue in East Street.

Beyond the church and facing down King Street is a **Statue of Queen Victoria** from the chisel of E. Edward Geflowski, erected in 1897 at a cost of £800, which was voted by the Legislature to commemorate the Diamond Jubilee. Though the statue was not overthrown by the earthquake ten years later, it was turned about a third of the way round on its pedestal by that occurrence.

Behind is **Victoria Park**, an open space, now adorned with trees and with a fountain, which was formerly used as a market and a parade ground for the troops. It was for many years known as the Parade Gardens; but in 1914 the name was, at the suggestion of the local branch of the Victoria League, changed by the Mayor and Corporation to Victoria Park. On February 14 of that year the ceremony of naming the park was performed by Princess Marie Louise of Schleswig-Holstein, grand-daughter of Queen Victoria. The statue on the east side represents Edward Jordan, a native of the island who took a prominent part in the emancipation movement and was decorated with the C.B. On the north side is the statue of Dr. Bowerbank, a former Member of the House of Assembly and Custos of Kingston (1862), who originated many local charities.

The **Ward Theatre**, presented to the city by the late Lieut.-Colonel Hon. C. J. Ward, C.M.G., for many years Custos of Kingston, is in North Parade Street at the north side of Victoria Park. It was designed by Mr. Rudolph Henriques, a local architect, erected by his firm, and opened in 1912. A portrait of the generous donor, by Mr. Tennyson Cole, hangs in the vestibule.

The **Coke Chapel**, which also faces the Park (on the east side), is of interest from its having been erected on the site where Doctor Coke, Wesley's colleague, used to preach.

Headquarters House, where the Legislative Council has met since 1870, when the Government was removed from Spanish Town to Kingston, stands at the junction of Duke and Beeston Streets. It is one of the few buildings

of note in Kingston which escaped the earthquake conflagration of 1907, and is said to owe its origin to a wager made by four wealthy merchants, Jasper Hall, Thomas Hibbert, John Bull, and another, as to who should build the most magnificent dwelling. The result was the erection of Jasper Hall (which, till the earthquake, stood in High Holborn Street), Headquarters House, Bull House in North Street, and a house in Hanover Street, once called "Harmony Hall." History does not relate who won the bet, but Mr. Frank Cundall, who tells the story, thinks that it should have been Jasper Hall. Headquarters House during the lifetime of Thomas Hibbert, who arrived in Jamaica in 1734 and became one of the principal and most wealthy merchants of Kingston, was called "Hibbert's House," and it was given its present name when it was acquired by the War Office. Mr. Hibbert was buried on Aqualta Vale estate, now the property of Sir John Pringle, in St. Mary, where his tomb can be seen.

The **Institute of Jamaica** in East Street, rebuilt after the earthquake in reinforced brick and concrete (A. E. Herschel, architect), has a library of nearly 14,000 volumes. It is especially rich in Jamaican and West Indian literature. The collection includes an extremely rare set of old newspapers and a unique series of almanacs and handbooks. Members (5s. per annum), subscribers to the library (2s. per quarter), and members of affiliated societies (no fees) can borrow books. The Institute also has a reading-room, a museum of unique interest, containing as it does zoological, geological, botanical, and archæological specimens, and an art gallery with a collection of portraits of Jamaica worthies to the number of 200. In the museum may be seen the bell of the old church of Port Royal, which was engulfed in the earthquake of 1692; two silver-gilt maces, formerly belonging to the House of Assembly and the Council; the original "Shark Papers," whose story was made use of by Michael Scott in the "Cruise of the Midge," a remarkable old gibbet, and other objects of interest. In 1855 the Port Royal bell was discarded, its tone having been spoilt by a crack. Somehow or other it found its way into an old curiosity shop, from which it was



rescued during the administration of Sir John Peter Grant. The bell bears the following inscription :

IHESV MARIA ET VERBUM CARO FACTUM EST ET ABITA

from the 14th verse of the first chapter of St. John's Epistle in the Vulgate : "*Et Verbum caro factum est, et habitavit in nobis.*" It also bears a cross formed by a series of stars and two small designs in relief, placed in duplicate on opposite sides, representing the Virgin and Child, and probably St. George or St. Michael. The story of the famous "Shark Papers," as narrated by Mr. Frank Cundall, the cultured Secretary of the Institute, is briefly as follows :

The brig *Nancy*, of 125 tons, owned by Germans by birth but naturalised citizens of the United States, left Baltimore for Curaçao on July 3, 1799, commanded by Thomas Briggs, her cargo consisting of dry goods, provisions, and lumber. She put in at Oruba, and proceeded to Port au Prince, in Haiti, and having carried away her maintop mast she was making the best of her way to the Isle of Ash, or Isle la Vache, a small island off the south coast of Haiti, when, on August 28, she was captured by H.M.S. *Sparrow*, a cutter commanded by Hugh Wylie, and sent in to Port Royal with another prize, a Spanish cruiser. A "libel," or suit for salvage, was brought in the Court of Vice-Admiralty at Kingston on September 9, 1799, by George Crawford Ricketts, Advocate-General, on behalf of Hugh Wylie, Esq., Commander of H.M. cutter *Sparrow*, against "a certain brig or vessel called the *Nancy*, her guns, tackle, furniture, ammunition, and apparel, and the goods, wares, merchandise, specie, and effects on board her, taken and seized as the property of some person, or persons, being enemies of our Sovereign Lord and King, and good and lawful prize on the high seas, and within the jurisdiction of this Court." A claim for the dismissal of the suit, with costs, was put in on September 14, backed by affidavits, in which, as it subsequently transpired, Briggs and Schultze of the *Nancy* perjured themselves freely. While the case was proceeding, Michael Fitton, acting Lieutenant, produced on the same day certain papers which he had found in a shark caught off Jacmel, while he was cruising in the *Ferret*, a tender of H.M.S. *Abergavenny*, the flagship at Port Royal. He was cruising in company with Wylie, who was in command of the *Sparrow* cutter, another tender of the *Abergavenny*. They had gone out with the object of earning for the stationary flagship a share of the prizes which were constantly being taken by the cruisers. On rejoining after an accidental separation, Fitton invited Wylie by signal to come to breakfast : and while waiting for him the shark was caught, and the papers were found. When

Wylie came on board the *Ferret*, he mentioned that he had detained an American brig called the *Nancy*. Fitton thereupon said he had her papers. "Papers?" answered Wylie; "why, I sealed up her papers and sent them in with her." "Just so," replied Fitton, "those were her false papers; here are her real ones." These papers, together with others of an incriminating nature, found on the *Nancy* some time after her capture, concealed in the captain's cabin, in a cask of salt pork, "so hard drove in that it was with difficulty they could be taken out," led to the condemnation of the brig and her cargo on November 25, 1799. It may be mentioned here that, about three years before, the *Nancy* had been captured by a French privateer, and carried into Guadeloupe, and there condemned as American property. The old Court-house of Kingston, in which the case was tried (now used for domestic purposes), is still standing at the south-west corner of Hanover and Harbour Streets. The shark's jaws were set up on shore, with the inscription, "Lieut. Fitton recommends these jaws for a collar for neutrals to swear through."

The actual papers found in the shark lay until 1890 (with the affidavit of Lieut. Fitton) in the archives of the Court of Vice-Admiralty, where are many other documents of great interest connected with Jamaica's early history. They are now placed in the Institute of Jamaica. They consist of letters written in German, and are wrapped in another piece of paper, on which is written a memorandum of their authenticity by John Fraser, who was then Surrogate in the Court of Vice-Admiralty. Copies have been made for reference of all the papers now in the Vice-Admiralty Court concerning this strange case, and from them have been gathered the particulars given above.

In the United Service Museum, London, is the head of the shark which swallowed the papers. In this connection it may be mentioned that another case somewhat similar, though fraught with less dramatic results, occurred twenty years since at Kingston, when a well-known resident by the harbour shot a crocodile, and found in it the collar of his wife's favourite cat!

The **Jamaica Club** is housed in a spacious building in Hanover Street, in which the **Masonic Temple** is also situated.

In **Wesley Chapel**, in Tower Street, used to stand

one of the most curious pulpits in the Empire. It was built around the mast of a ship sunk in the ground and encased in copper, and stood 24 ft. high. It was encircled by a spiral staircase entirely of wood, the whole being constructed of Jamaica mahogany. The pulpit was the work and the gift of a black man who had been a slave, and has been valued at £400.

To the north of the old racecourse are the twin buildings of **Wolmer's Schools**, a charity established by John Wolmer of Kingston, a goldsmith, by his will dated May 21, 1729, now Kingston's foremost school, and behind them the **Mico College** (for training elementary school teachers, founded under the Lady Mico charity in 1834), reconstructed after the earthquake, then partially destroyed by fire in 1910, and again rebuilt. The Mico Charity was originally established by the will of Lady Mico, widow of Sir Samuel Mico, a member of the Mercers' Company, who died in 1666 and left £1000 "to redeem poor slaves," and by the middle of the nineteenth century the original sum had increased to £120,000, which, when slavery was abolished, enabled the college to be founded.

At the village of **Halfway Tree** there is a memorial to King Edward which takes the form of a clock-tower embellished with a bust of our late sovereign, and, under it, the words :

KING EDWARD VII THE PEACEMAKER.

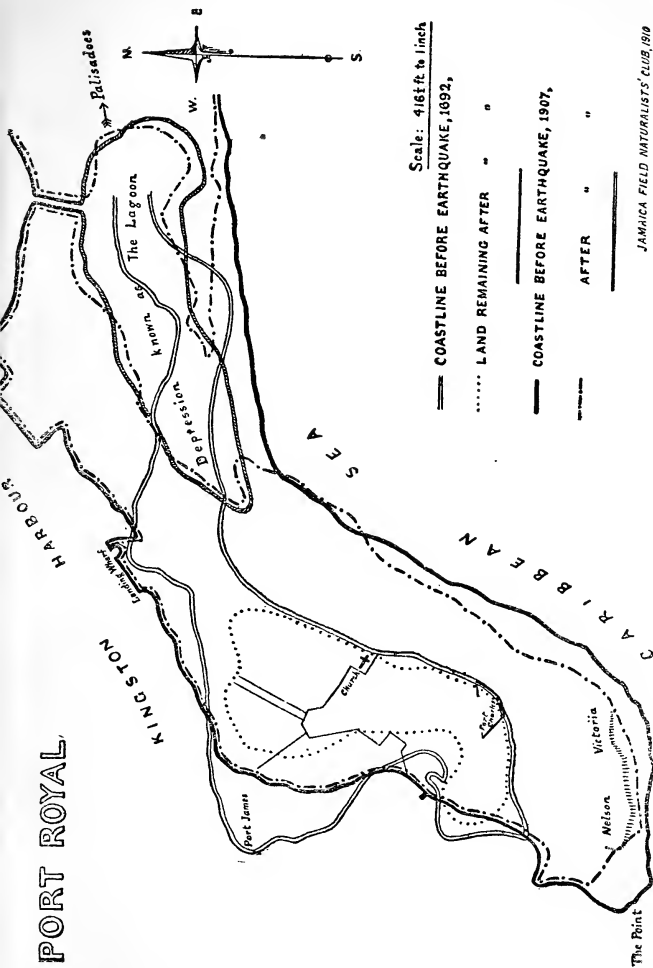
The memorial, which owed its inception to Mr. L. A. Rattigan, a patriotic son of Jamaica, was unveiled on March 28, 1913, by Governor Sir William Manning. The parish church of St. Andrew, near by, like that at Kingston, lost its tower as a result of the earthquake of 1907, and its nave has been extended westward over the site of it. The first church was built on the old burial-ground between Constant Spring Road and King's House. The second, which was built in 1685 near the present site, was ruined by the earthquake of 1692. The present church was completed in 1700, but it has been much altered since then. The registers date back to 1666 and are the oldest in the island, though the earlier ones are only a transcript. Though he

was buried in Kingston, Admiral Benbow's burial is recorded in the St. Andrew's register. Among the monuments of interest may be mentioned those of the Hon. James Lawes (1733), by John Cheere, one of the best pieces of iconic sculpture in the island; Zachary Bayly (1769), with an epitaph by his nephew and heir, Bryan Edwards the historian; Admiral Davers (1746); and General William A. Villettes (1808), Lieutenant-Governor, by Sir Richard Westmacott. Rear-Admiral Charles Holmes, Commander-in-Chief, 1760-61; Christopher Lipscomb, first Bishop of Jamaica; Lucas Barrett, geologist; Commodore Peter Cracroft (1865); and Sir James Fergusson, who was killed by the earthquake of 1907, were buried in the churchyard.

In the old burial-ground at Halfway Tree lie buried George Bennett, who "came here a soldier under General Venables," and two infant sons of Governor Sir William Beeston, who died in 1677 and 1678, and Elizabeth Dalling.

King's House, the official residence of the Governor, is about 4 miles from Kingston in the parish of St. Andrews, on the Liguanea Plain. Like the Public Buildings it was designed by Sir Charles Nicholson; it is constructed of reinforced concrete. The building comprises three floors, the rooms being arranged round an open *patio*, and most of them opening on to broad verandahs. The billiard- and ball-rooms are lofty apartments, the latter measuring 70 ft. by 30 ft. The grounds cover about 177 acres, and the main approach is by a drive hedged in with many beautiful palms, and is gay with hibiscus, poinsettia, and many flowering shrubs.

The historic town of **Port Royal** stands at the extremity of the spit of sand known as the Palisadoes, which protects Kingston Harbour. It can be reached by Government launch from the Ordnance Wharf (*see page 166*). It is of great historic interest, and was, prior to the earthquake of June 7, 1692, considered "the finest town in the West Indies, and at that time the richest spot in the universe," being as it was the headquarters of the buccaneers, and as such the emporium and mart of their ill-gotten wealth. The rector of the parish thus described the disaster:



A PLAN OF PORT ROYAL SHOWING THE COAST-LINES BEFORE AND AFTER THE EARTHQUAKES OF 1692 AND 1907

Whole streets, with their inhabitants, were swallowed up by the opening of the earth, which, when shut upon them, squeezed the people to death, and in that manner several were left with their heads above ground, and others covered with dust and earth by the people who remained in the place. It was a sad sight to see the harbour covered with dead bodies of people of all conditions, floating up and down without burial, for the burying place was destroyed by the earthquake, which dashed to pieces tombs, and the sea washed the carcasses of those who had been buried out of their graves.

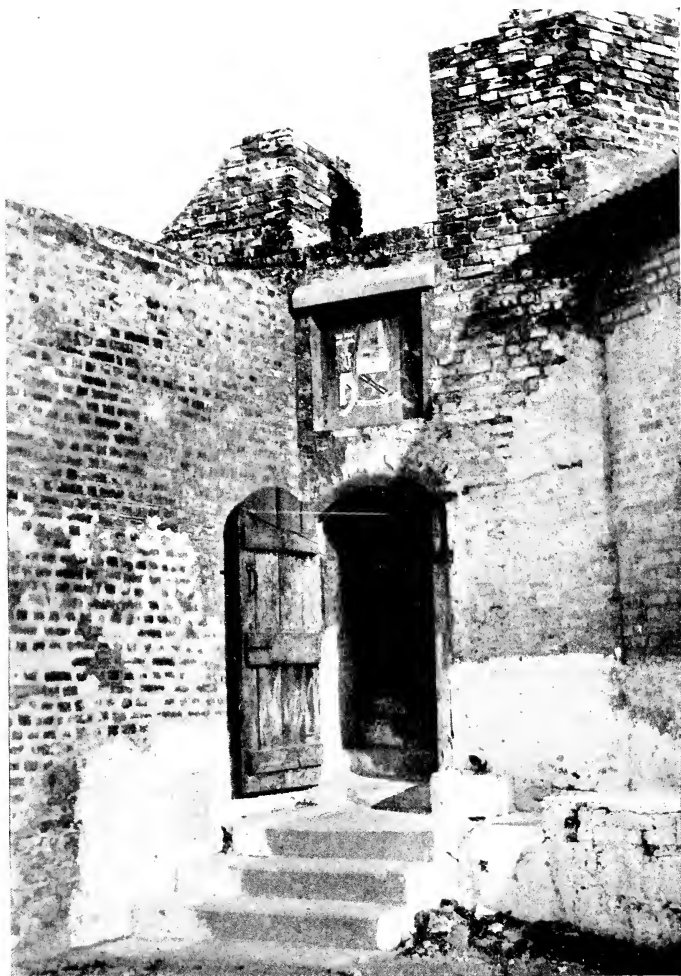
At Green Bay, across the harbour, there is still to be seen the tomb of Lewis Galdy, a native of Montpelier in France, a merchant, Member of the Assembly, and Churchwarden of Port Royal, who "was swallowed up by the earthquake, and by the providence of God was, by another shock, thrown into the sea and saved. The tomb is inscribed :

HERE LYES THE BODY OF
LEWIS GALDY, ESQ.,
WHO DEPARTED THIS LIFE AT PORT ROYAL THE 22ND DECEMBER
1739.
HE WAS BORN AT MONTPELIER IN FRANCE, BUT LEFT THAT
COUNTRY FOR HIS RELIGION AND CAME TO SETTLE
IN THIS ISLAND, WHERE HE WAS SWALLOWED UP IN
THE GREAT EARTHQUAKE IN THE YEAR 1692
AND BY THE PROVIDENCE OF GOD WAS BY ANOTHER SHOCK
THROWN INTO THE SEA, AND MIRACULOUSLY SAVED BY
SWIMMING UNTIL A BOAT TOOK HIM UP ; HE LIVED
MANY YEARS AFTER IN GREAT REPUTATION, BELOVED BY ALL
WHO KNEW HIM, AND MUCH LAMENTED AT HIS DEATH.

Port Royal was destroyed by fire in 1703, and again in 1816 ; and in 1722 it was devastated by a hurricane.

In front of the officers' quarters is a lawn, at each corner of which is a colossal figure-head painted in gaudy colours. One is the figure-head of H.M.S. *Aboukir*, a former port guardship, wrongly said to represent Lord Nelson.

The chief objects of interest are the church and Fort Charles, where Nelson commanded in 1779. The staircase or entrance to what is known as "Nelson's Quarter Deck"—a space on the ramparts adjoining the great hero's quarters—still stands as shown in the illustration. Over the doorway the arms of Nelson are emblazoned on a panel, and on an adjacent wall there is the stirring injunction :



THE ENTRANCE TO NELSON'S QUARTERS, PORT ROYAL, JAMAICA
Nelson's coat-of-arms can be seen painted up over the door



IN THIS PLACE DWELT HORATIO NELSON
YE WHO TREAD HIS FOOTPRINTS
REMEMBER HIS GLORY.

The fort takes its name from King Charles II. It was commenced in 1662, and rebuilt by Lilly in 1699 after the earthquake. St. Peter's Church, built in 1725-26, contains a large number of naval and military monuments, the most striking among which are those to Lieutenant William Stapleton, R.N. (1784), who was killed by the bursting of a cannon at Port Morant, by Roubiliac, and to Captain Augustus James de Crespigny (1825), who served under Nelson at Trafalgar.

Port Royal used to be an important naval station, but the dockyard has now been closed and reduced to the position of a "cadre" after an existence of practically two and a half centuries. The port guardship H.M.S. *Urgent* was removed in 1903.

On the Palisadoes is **Gallow's Point**, now a mangrove-covered promontory, where many a pirate was hanged as described in "Tom Cringle's Log":

The signal had been given—the lumbering flap of the long drop was heard, and five-and-twenty human beings were wavering in the sea breeze in the agonies of death! The other eighteen suffered on the same spot the week following; and for long after, this fearful and bloody example struck terror into the Cuban fishermen.

There is also a burial-ground on the Palisadoes.

On the Hope road, out of Kingston, is the **Jamaica College**, one of the Colony's principal boys' schools, and also **Hope Gardens**, a beautiful botanical garden, covering 210 acres, which is the headquarters of the Director of Agriculture, and is reached by tram (5½ miles from the city). It occupies the site of Hope Sugar Estate, which was once the property of Lady Temple, afterwards Marchioness of Buckingham. Large nurseries contain upwards of 100,000 plants, such as orange, cocoa, rubber, nutmeg, mango, coffee, &c. The Farm School which is attached to the gardens affords agricultural training to the sons of small farmers. A botanical station of still greater beauty is that known as **Castleton Gardens** in the parish of St.

Mary, on the road between Kingston and Annotto Bay. The gardens, which are 19 miles from Kingston, are 456 ft. above the sea and contain a large collection of tropical plants and economic spice and fruit trees. The Gardens, which were established about 1862 on the banks of the Wag Water, are a 19-mile drive over Stoney Hill and down the valley of the Wag Water. The expedition requires a whole day, and lunch may be had at Castleton Cottages. In the Gardens may be seen in lavish profusion specimens of almost every known tropical plant, including cocoa-trees, rubber, kola, cardamoms, nutmegs, pine-apples, &c.

The tram-cars run beyond Hope Gardens to Papine Corner, from which a drive may be taken up the romantic Hope River valley to **Gordon Town** (9 miles from Kingston). Here ponies or buggies can be obtained for a ride or drive to **Newcastle**, the old military cantonment, 4000 ft. above the sea (19 miles from Kingston), which was established during the Governorship of Sir Charles Metcalfe (1839-1841).

From Newcastle to **Catherine's Peak** there is a fair riding-road. The view of both sides of the island from the Peak is very beautiful. The road from Newcastle is continued to Hardwar Gap and down the Buff River Valley to Buff Bay on the north side of the island.

From Gordon Town the drive may be extended through exquisite scenery to **Mavis Bank**, lying in a superb amphitheatre of hills in the heart of the district which produces the world-famous Blue Mountain coffee.

The expedition to **Blue Mountain Peak** (7360 ft.) and back takes two days, and should only be undertaken by those who can ride or care for hill-climbing on foot. Arrangements for the trip can be made at the offices of the Jamaica Tourist Association. Tourists are recommended to drive to Gordon Town or Mavis Bank early enough to arrive by 9 A.M. There they can be met by ponies, ordered overnight, and proceed by zigzag bridle-paths up the mountain side past Petersfield coffee plantation, over Guava Ridge, through Mavis Bank, passing the church on the left, down Green Valley, over the river, and then turning abruptly to the left. Magnificent views are



A CHARACTERISTIC VIEW IN JAMAICA
Through the trees is seen a steamer which is being loaded with fruit

obtained of Cinchona, Catherine's Peak, Content Gap, and the valley of the Clyde. The night is spent in a small hut at the summit of the Peak.

Spanish Town, or St. Jago de la Vega, on the banks of the Rio Cobre (the Copper River) ($\frac{1}{2}$ hour from Kingston by train), was the former capital of the island. Visitors who prefer to drive to Spanish Town along the broad high road pass the historic "**Ferry Inn**" at the boundary between Kingston and St. Catherine, just before the seventh milestone and the huge silk-cotton tree near by, referred to in "Tom Cringle's Log," which trunk described as "twenty feet through of *solid* timber; that is, not including the enormous spars that shoot out like buttresses, and end in strong twisted roots, that strike deep into the earth and form stays, as it were, to the tree in all directions."

The "**Ferry Inn**," which was once a popular "half-way house," has long since fallen from its high estate, the need for it having been obviated since the construction of the railway. Lady Nugent makes several references to it in her Journal.* She visited it on various occasions in 1803, and wrote:

I was much entertained; for the Inn is situated on the road between Kingston and Spanish Town, and it was very diverting to see the odd figures and extraordinary equipages constantly passing—kittareens, sulxies, mules, and donkies. Then a host of gentlemen, who were taking their *sangaree* in the Piazza; and their vulgar buckism amused me very much. Some of them got half tipsy, and then began petitioning me for my interest with *his Honour*—to redress the grievance of one, to give a place to another, and so forth; in short it was a picture of Hogarth . . .

Spanish Town was once a town of considerable importance, and the well-constructed group of Government Buildings round its central square testifies to its former grandeur. Among the more notable of these is the old **King's House**, the official residence of former Governors, on the west side. It was built from designs by Craskell, the then engineer of the island. The plans were approved during the administration of Lieutenant-Governor Henry Moore in 1759-62, and the building was completed in

* First printed for private circulation in 1839; published in an abbreviated form in 1907.

1762, after the arrival of the Governor, William Henry Lyttelton. The expense of building the house, which was considered the "noblest and best edifice of the kind, either in North America or any of the British Colonies in the West Indies," amounted to nearly £21,428 sterling. The façade is about 200 ft. long, and we are told that the freestone used in its construction came from the Hope River course in St. Andrew's. The columns supporting the portico are of Portland stone, and the pavement of white marble. Long, in his "History of Jamaica," gave the following description of the interior in about 1774 :

Two principal entrances lead through it into the body of the house ; the one opens into a lobby or antechamber, the other into the great saloon, or hall of audience, which is well proportioned, the dimensions being about 73 by 30 ft. and the height about 32 ; from the ceiling, which is covered, hang two brass gilt lustres. A screen, of seven large Doric pillars, divides the saloon from an upper and lower gallery of communication, which range the whole length on the west side ; and the upper one is secured with an elegant entrelas of figured ironwork. The east or opposite side of the saloon is finished with Doric pilasters, upon each of which are brass girandoles double-gilt ; and between each pilaster, under the windows of the attic story, are placed, on gilt brackets, the busts of several ancient and modern philosophers and poets, large as life ; which, being in bronze, the darkness of their complexion naturally suggests the idea of so many Negroe Caboceros, exalted to this honourable distinction for some peculiar services rendered to the country. At the north end, over a door which opens into the lobby, is a small movable orchestra, made to hold a band of music on festive occasions. The furniture below consists of a great number of mahogany chairs and settees, sufficient to accommodate a large company, this room being chiefly used for public audiences, entertainments, balls, and the hearings of chancery and ordinary. At the south end are three folding doors, opening into a spacious apartment, in which, by the Governor's permission, the Council usually meet ; whence it has received the name of the council-chamber. . . . Above the council-chamber is a banqueting-room, or drawing-room, of the same size, hung with paper, and neatly furnished. This room communicates with the upper gallery and a back staircase, and enjoys a view of the saloon through some windows ranging with those of the attic story : it is seldom used except on public days, and is perfectly well calculated for the purpose. These different apartments take up about one half of the whole building. The room over the lobby, being somewhat darkened by the pediment of the portico, was converted by Governor Lyttelton into a chapel for private

devotions. It is neatly fitted up, and with great propriety adapted to this use. The northern division of the house consists of three large rooms below, communicating with each other, and with a long gallery, all of which are handsomely furnished and well lighted : this gallery has commonly been used either for public suppers, when balls were given in the hall, or as a sheltered and retired walk in wet weather. The upper story is disposed in a suite of chambers, divided by a long narrow gallery from a range of smaller apartments.

Curiously enough, as was the case with the Law Courts in London, the question of a grand staircase appears to have been completely overlooked when the designs were passed. Opposite King's House is the building in which the House of Assembly used to meet.

The north side of the square is graced by a stately memorial of Admiral Rodney, who defeated de Grasse off Dominica on April 12, 1782. A temple, with a cupola and lanthorn supported on open arches, and connected with the neighbouring buildings by a colonnade, shelters a statue of this naval hero by the elder Bacon. On the front panel of the pedestal is the following inscription :

GEORG. BRYDG. RODNEY
 BARON RODNEY
 NAVAL. PRAEL. VICTORI
 PRID. ID. APRILIS
 A.D., MDCCLXXXII.
 BRITANN. PACEM REST.
 D.D.D. S.P.Q. JAMAICENSIS.

Which may be rendered :

TO GEORGE BRYDGES RODNEY
 BARON RODNEY
 VICTOR IN A SEA FIGHT
 ON THE DAY BEFORE THE IDES OF APRIL
 IN THE YEAR OF OUR LORD 1782.
 HE RESTORED PEACE TO BRITAIN.
 THE LEGISLATURE AND THE PEOPLE OF JAMAICA
 PRESENTED [THIS MEMORIAL].

Rodney is represented as clad in a short-sleeved tunic and he has a cloak over his right arm. On his feet are sandals and a Medusa's head is suspended from his neck. This statue was considered one of Bacon's finest works. It is flanked by two fine bronze cannon, cast at Douai in

1748 by Jean Maritz, which were captured from the *Ville de Paris*, the magnificent vessel which was the gift of the city of Paris to Louis XV. One of these extremely handsome pieces of ordnance, whose decoration was on a par with the splendour of the French flagship, is called "Le Précipice," and the other "Le Modeste," and they bear the following inscription :

ULTIMA RATIO REGUM
PLURIBUS NEC IMPAR,
LOUIS CHARLES DE BOURBON
COMTE D'EU
DUC D'AUMAËLE.

Precisely similar cannon are included in the collection at the Tower of London.

It is fitting here to recall that the memorable battle which secured to us our West Indian colonies began at 7 A.M. on the glorious April 12, and lasted until 6.30 P.M.* The English lost 261 killed and 837 wounded, and of the French no fewer than 14,000 were accounted for as captured or killed. The *Ville de Paris* carried 108 guns and 1300 men. When Spanish Town—the St. Jago de la Vega of the Spanish, founded in 1523—ceased to be the capital of Jamaica, during the governorship of Sir John Peter Grant in 1870, Rodney's statue was removed to Kingston, but such was the outcry of the inhabitants of the former city, that it had to be replaced. In the Gallery in the Institute of Jamaica is the painting by R. E. Pine, exhibited at the Royal Academy in 1784, and described as "Portrait of Lord Rodney in action aboard the *Formidable*, attended by his principal officers"; the time chosen for reproduction being evidently that when the *Ville de Paris* struck her flag to the *Barfleur*.

Near the Central Square is the **Cathedral**, dedicated to St. Catherine, and constructed of red bricks, which form a pleasing contrast to the surrounding foliage. An inscription over the door records that the church was "thrown downe by ye Dreadfull Hurricane of August ye 28 Anno

* An account of the Battle of the Saints, as the engagement was called, is given in "West Indian Tales of Old." London: Duckworth and Co.



THE RODNEY MEMORIAL, SPANISH TOWN, JAMAICA
The guns flanking the statue were taken from the *Ville de Paris*



GOVERNMENT HOUSE, TRINIDAD
This palatial residence of the Governor overlooks the Savannah

Domini MDCCXII and was rebuilt in 1714." The present tower was added in 1817. This, the oldest cathedral in the British Colonies, has many monuments, of which the most notable is one by Bacon, erected by the people of Jamaica to the Earl and Countess of Effingham, who died in 1790.

On a pyramidal obelisk of marble is an urn decorated with festoons of flowers and the arms of the Earl of Effingham. Above are represented the Chancellor's seal of the island, the mace and sword, and the scales of Justice. On one side of the monument, supporting the urn, is a figure emblematic of Jamaica, bearing the crest of the island on her zone; on the other side a boy holding an olive branch in his hand resting on a cornucopia full of tropical fruits, while his right hand rests on a shield on which are blazoned the arms of Jamaica, which are heraldically described argent on a cross gules, five pine-apples; dexter supporter an Indian female, in her exterior hand a basket of fruit; sinister, an Indian warrior, in his exterior hand, a bow, both plumed. Crest, an alligator passant. Motto: *Indus uterque serviet uni.*

Other notable memorials which the church contains are those to the wife of Sir Adam Williamson and Dr. Brodbelt (both by Bacon), Sir Basil Keith, Governor of Jamaica (d. 1777), by J. Wilton, R.A.; Colonel William Selwyn, Governor of Jamaica (d. 1702); Sir Thomas Modyford, Governor of Jamaica (d. 1679); Sir Thomas Lynch, Governor of Jamaica (d. 1684); The Earl of Inchiquin, Governor of Jamaica (d. 1692) (erected by the present Lord Inchiquin); Samuel Long, Speaker of the Assembly, Chief Justice (d. 1683); Peter Beckford, Lieut.-Governor (d. 1710); Anne, wife of Sir Adam Williamson, Lieut.-Governor (d. 1794); Colonel John Colbeck, who "came with ye army that conquered the island" (d. 1682); Major-General James Bannister, late Governor of Surinam [Surinam] (d. 1674); and Humphrey Freeman, "who was at ye takeing of this island" (d. 1692). The monuments include one of the Countess of Elgin, wife of Governor the Earl of Elgin (1842-46), and another, which particularly deserves attention, was erected to a distinguished barrister and former Advocate-General of the island, who "enjoyed the uncommon felicity to be unenvied by any, the delight and admiration of all." Spanish Town once had a monastery,

an abbey, and two churches, of which no traces now remain.

In 1655, in the very year in which the English took the island, Vice-Admiral William Goodsonn, one of the Commissioners charged with the conduct of the expedition sent out by Cromwell, requested that "some godly ministers with monies for their maintenance" should be sent out; and it was one of the instructions to Colonel Doyley when he was made first Governor of the colony in 1661, that he should give the "best encouragement to ministers that Christianity and the Protestant religion, according to the profession of the Church of England, may have due reverence and exercise amongst them," and five ministers were soon sent out. In 1664 there was but one church in the whole island (at Spanish Town), "being a fair Spanish Church ruined by the old soldiers but lately in some measure repaired by Sir Charles Lyttelton."

In **Mulberry Garden**, the present Poor House, there is a noble tamarind tree under which, it is said, Colonels Raymond and Tyson were shot for conspiracy in 1660.

Eagle House, which stands behind the Public Hospital in King Street, is full of historic associations. Locally it is known as John Crow House, from the eagle which surmounts one of its gate-posts. It is said to have been the residence of William O'Brien, second Earl of Inchiquin, Governor of Jamaica 1660-61.

To **Bog Walk** (*boca de agua*, or water's mouth), a very beautiful gorge of the Rio Cobre, is a charming drive from Spanish Town. A pleasant excursion can be made from Kingston by taking the early morning train to Spanish Town, and driving thence through the gorge to the village of Bog Walk. At the lower end is the Dam of the Rio Cobre irrigation canal, and at the upper end is Gibraltar Rock, through which the railway to Ewarton passes by means of a tunnel half a mile long. After resting the horses for half an hour, the tourist should drive back to within three miles of Spanish Town. Here he can leave the buggy and embark on a punt on the irrigation canal—which, shaded as it is by coco-nut palms and tropical foliage, is of surpassing beauty—rejoining the buggy again within a short

distance of Spanish Town. After luncheon at the Rio Cobre Hotel, he can return to Kingston by train, the whole trip occupying the best part of a day.

From Spanish Town one line of the Government Railway runs by a circuitous route to Port Antonio on the north side and towards the eastern end of the island.

Port Antonio, on the north side of the island, 75 miles by train from Kingston, is the headquarters of the United Fruit Company of Boston, Mass. It is situated on the shore of a magnificent harbour divided into two parts by a promontory on which the palatial Hotel Titchfield stands. The small island opposite it is called **Navy Island**. The town is divided into two parts, Upper and Lower Titchfield (named after the settlement, which was called Titchfield after one of the titles of the 1st Duke of Portland, who gave his chief title to the parish), the former standing on a peninsula and the latter extending along the sea-shore. The old military barracks in the upper town are now used as a school. Formerly a village of modest dimensions, Port Antonio has been raised to a position of importance through the development of the banana industry. During the Spanish-American war of 1898 it was the headquarters of the war correspondents and Press representatives.

Many pleasant drives can be taken from Port Antonio, the more notable being those to **Moore Town**—the site of a Maroon settlement (*see page 160*)—the **Blue Hole**, a lagoon of exquisite beauty, and the Swift River.

From Port Antonio, **Montego Bay**, the second town of Jamaica, situated on the north coast near the west end of the island, can be reached by the coast road by motor-car in about 8 hours or carriage in 3 days (distance 128½ miles). The first place of importance reached is **Annotto Bay** (28½ miles) on the right bank of the mouth of the Wag Water (a corruption of the Spanish *agua alta*) river. This is a shipping port on the railway line between Kingston and Port Antonio. The quaint belfry of the Chapel in the main street, which resembles an exaggerated meat-safe, should be noticed.

Port Maria ($44\frac{1}{2}$ miles) is a thriving port much frequented by fruit steamers, which are loaded here with bananas from St. Mary's parish.

Oracabessa ($51\frac{1}{2}$ miles), a small town but an important fruit centre. The name is said to be derived from Cabeza de Oro, the "Golden head."

Ocho Rios ($64\frac{1}{2}$ miles) is a small town with a well-protected harbour of growing importance. The name has been interpreted to mean "eight rivers," but it is more probably derived from *chorrera*, a spout, after the waterfall near by. It was here that Sasi, the Spanish Governor who had given up the island to Penn and Venables in 1655, landed again and was defeated by Governor Doyley in 1657. Sasi, whose camp had been "in a swampy place" (now identified with Shaw Park estate), retreated to a bay about eight miles to the west, which has ever since been called "Runaway Bay," and here he embarked in a canoe and made good his escape. The Fern Gully and the Roaring River Falls can be visited from Ocho Rios or taken en route to Moneague, Ewarton, and Kingston (*see next page*).

St. Ann's Bay ($71\frac{1}{2}$ miles) is the Santa Gloria of Columbus. Here, says Mr. Cundall, the discoverer anchored on May 3, 1494, and not far from here (possibly in Don Christopher's Cove) he ran his caravels ashore on June 24, 1503, staying until June 28, 1504.* The fort erected in 1777 is now used as a slaughter-house. Windsor Fort was erected in 1803.

Dry Harbour ($85\frac{1}{2}$ miles), a small town of no importance, has been identified by Mr. Frank Cundall as Puerto Bueno, where Columbus landed after discovering Jamaica on May 4, 1494. On Hopewell and Cave Hall estates, about $1\frac{1}{2}$ miles distant, are some interesting caves. Six miles inland is Brown's Town (1200 ft.), the largest township in St. Ann.

Rio Bueno ($90\frac{3}{4}$ miles) has an old fort called Fort Dundas, which bears the date of 1778. In the Great House of Bryan Castle (about $2\frac{3}{4}$ miles from Rio Bueno) Bryan Edwards wrote his famous "History of the West Indies," which was first published in 1799.

* "Preservation of Historic Sites, &c., in the West Indian Colonies," Colonial Report, Miscellaneous, No. 84, 1912.

Falmouth (106½ miles from Port Antonio) was once a shipping port of consequence. In the spacious Court House are portraits of General Sir John Keane, Lieut.-Governor from 1827 to 1829, and Sir Charles Metcalfe, Governor from 1839 to 1842. The **Parish Church** contains monuments to John Hodges (1787), a member of a well-known West Indian family, and James Blake (1753).

From Falmouth to Montego Bay (*see page 195*) the distance is 22 miles.

From Spanish Town a branch line of the railway runs to **Ewarton** (17¼ miles, 1 hour). From here an enjoyable expedition can be made over **Mount Diablo** (10 miles) to **Moneague**, whence a drive may be taken through the famous **Fern Gully** to Ocho Rios and the **Roaring River Falls**. Fern Gully is a natural gorge of surpassing beauty, with steep sides covered with ferns, through which a winding road runs towards Ocho Rios. Sir Harry Johnston described the gully, which he was largely instrumental in saving from vandal banana growers, to the writer, in the following terms: "It is an amazing botanical exhibit, with about twenty-five different species of ferns, tree-ferns here and there at the top, ferns with immense fronds, filmy creeping ferns, ferns with fronds like curled wire or carved green bronze, an epitome, in fact, of the fern sub-class."

Roaring River Falls, the property of the Hon. Sir John Pringle, is the largest waterfall in the island. The water descends in a series of foaming white cascades and is broken in its course by rocks, on some of which plants and palms have maintained a foothold.

This trip will occupy two days; but quite a week can be profitably spent in St. Ann's Parish. Hollymount House on Mount Diablo is itself well worth a visit; the views from it are of exceptional beauty. There are pretty walks through the forest amid orchids and ferns, and many butterflies, also parrots, parakeets, and other strange birds are seen.

After leaving Spanish Town, the main line of the railway proceeds through a fertile banana district to May Pen, the junction for the Clarendon branch.

From here an expedition can be made to the ruins of Colbeck Castle, which dates from the seventeenth century.

At **Milk River**, which is 13 miles from May Pen station and 12 miles from Clarendon Park (buggy hire for one person 8s., for two 12s., or for three 15s.), there is a thermal mineral bath, an analysis of the waters of which gives the following results :

Chloride of sodium	20.77	Chloride of potassium	0.16
Sulphate of soda	3.40	Chloride of calcium	1.50
Chloride of magnesium	4.12		

Besides traces of lithia, bromine, and silica.

The efficacy of the waters has stood the test of over a century. Jamaica has no fewer than fifteen mineral springs, including saline, calcic, sulphurous, and chalybeate waters, but only those at Milk River and the bath of St. Thomas the Apostle at Bath in St. Thomas-in-the-East are put to systematic use. The river abounds in fish, including calipevers, mullet, &c. From Milk River Bath a visit can be made to the sugar-growing district of **Vere**. At the south-eastern extremity of Vere is **Portland Cave**, at the foot of Portland Ridge, a visit to which is, however, only recommended to the adventurous. From Vere a splendid road passing the Salt River and Cockpit River leads to **Old Harbour**.

Williamsfield (53 miles, 2 hours 20 minutes from Kingston) is the station for **Mandeville** (2000 ft.), a popular resort which owes its name to the second title of the Duke of Manchester, Governor in 1808. The village (5 miles from the station) has its church, school-house, and Court House. Many enjoyable drives can be taken to places in the neighbourhood, one to **Spur Tree Hill** being deservedly popular. Conveyances may be obtained for the drive to **Malvern** in the Santa Cruz Mountains (28 miles, fare 40s.), which can, however, be reached more expeditiously from **Balaclava Station** ($70\frac{3}{4}$ miles from Kingston by rail). Near Balaclava Station are the celebrated Oxford Caves in the May Day Mountains on Oxford Pen, about 1000 ft. above sea level. The various galleries and halls which extend for several hundred yards under the mountains

contain many curious stalagmites and stalactites. The climate of the Santa Cruz Mountains is the finest in the island, and is particularly well suited to those suffering from pulmonary complaints. On the Santa Cruz Mountains are Potsdam and Hampton, the boys' and girls' schools of the Munro and Dickenson Trusts, which owe their existence to the liberality of two former residents of St. Elizabeth. From Malvern a visit may be paid to the Maggoty Falls on the road to **Ipswich Station** ($85\frac{3}{4}$ miles from Kingston by rail).

Near **Cambridge Station** ($97\frac{3}{4}$ miles) is the Seven Rivers Cave (see page 197).

Montpelier ($102\frac{3}{4}$ miles) is in the midst of what is probably the most beautiful and fertile agricultural country in Jamaica. It forms part of the long, wide valley which extends from Montego Bay east for fifty miles or more, and provides most of the twenty thousand stems of bananas shipped each week from that port.

From Montpelier, **Savannah-la-Mar**, the principal town of Westmoreland, is reached ($21\frac{1}{4}$ miles). It is the shipping port of a prosperous sugar-growing district which also produces coffee, ginger, and logwood.

The **Parish Church**, built as recently as 1903-4, occupies the site of one erected in 1799. The tomb of the founder, George Murray (1804), can be seen.

Ten miles from Montpelier by rail is **Montego Bay**, the town next in importance to Kingston, and a terminus of the railway, which possesses much historic interest. When visited by Columbus on his second voyage in 1494 it was a large Indian village, and traces of Arawak life have been found in caves round the bay, where the late Dr. Bastien, of Berlin, obtained many good specimens. During the Spanish occupancy much lard was exported from the town; and to this it owes its name, which is a corruption of *manteca* or hogs' butter. On **Myranda Hill** are the ruins of an old Spanish monastery. The **Parish Church** of St. James replaces an edifice believed to have been built very early in the eighteenth century, for in 1733 a Bill was passed "for appointing a proper place for building a church." The foundation-stone of the present church was laid on

May 6, 1775, and the building was opened in 1782. Hakewill described it as the handsomest church in the island. Among the monuments which it contains, those of Mrs. Rosa Palmer and Dr. George Macfarquar (1786), both by John Bacon, R.A., are conspicuous. The former is inscribed as follows :

NEAR THIS PLACE
ARE DEPOSITED THE REMAINS OF
MRS. ROSA PALMER,
WHO DIED ON THE FIRST DAY OF MAY, 1790.
HER MANNERS WERE OPEN, CHEERFUL AND AGREEABLE,
AND BEING BLESSED WITH A PLENTIFUL FORTUNE,
HOSPITALITY DWELT WITH HER AS LONG AS HEALTH PERMITTED
HER TO ENJOY SOCIETY.
EDUCATED BY THE ANXIOUS CARE OF A REVEREND DIVINE, HER
FATHER,
HER CHARITIES WERE NOT OSTENTATIOUS BUT OF A NOBLER KIND.
SHE WAS WARM IN HER ATTACHMENT TO HER FRIENDS,
AND GAVE THE MOST SIGNAL PROOFS OF IT
IN THE LAST MOMENTS OF HER LIFE.
THIS TRIBUTE OF AFFECTION AND RESPECT
IS ERECTED BY HER HUSBAND,
THE HONOURABLE JOHN PALMER,
AS A MONUMENT OF HER WORTH
AND OF HIS GRATITUDE.

This lady, who must not be confused with the wicked Mrs. Palmer to whom reference is made below (*see page 199*), was buried in the churchyard of the same church and her tombstone is inscribed :

UNDERNEATH THIS STONE
ARE DEPOSITED THE REMAINS OF
ROSA PALMER,
WIFE OF THE HON. JOHN PALMER
OF THIS PARISH,
WHO DIED THE 1ST DAY OF MAY, 1790,
AGED 72 YEARS.

Other monuments are to the memory of Dr. William Fowle (an early work of Sir Richard Westmacott, 1796), and Mrs. S. N. Kerr (by Henry Westmacott, 1814). The handsome east window was the gift of Mr. W. F. Lawrence and others.

At **Doctor's Cave** the bathing is unsurpassed (tickets for the bathing clubhouse at Gardner's book store), and just beyond it is a well-kept sanatorium. The **Harbour** offers

every facility for safe boating. **The Bogue Islands**, where oysters grow on the trees, are well worth visiting, and there are miles of coral reefs in the neighbourhood, over which visitors can pass in perfect safety, inspecting the while the most remarkable marine gardens. There are several caves of interest in St. James' Parish, but the most noteworthy is near Cambridge (14 miles from Montego Bay by road) called **Seven Rivers Cave**, which has many chambers adorned with fantastic stalagmites. The roads in the parish are very good for driving, motoring or cycling, and there are several good livery stables (town limits 6*d.* ; per hour 3*s.* 6*d.* ; per day, £1).

The Parade was laid out by Custos James Lawrence in 1755, and the Square—in which there is a bust of the late John E. Kerr, a prominent citizen and custos of the Parish of St. James—was named **Charles Square** after Admiral Charles Knowles, Governor of Jamaica from 1752 to 1756.

Near the gate of the old barracks is an octagonal and battlemented tower known as **The Dome**, where the watchman used to guard a spring called the Creek, which fills a stream of fresh water.

Among the many delightful drives which can be taken from Montego Bay the following are recommended: **Catherine Hall** (1 mile, $\frac{1}{2}$ hour), where visitors can inspect a typical modern sugar factory, **Reading Stream**, with its historic cotton-trees (3 miles, 1 hour), **Great River**, with its many pretty falls and favourite picnic spots (6 $\frac{1}{2}$ miles, 2 hours), **Rose Hall** (10 miles, 3 hours), **Montpelier** (10 miles, 3 hours)—(see page 195), **John's Hall Dam**, a picturesque old sugar estate dam (8 miles, 2 $\frac{1}{2}$ hours), **Marley Castle**, once the home of Isaac Lascelles Winn, the great Quaker (11 miles, 3 hours). The site of **Maroon Town**, once called Trelawny Town, where the Maroons made their last stand against the Government in 1795, which has practically disappeared, and **Accompong**, still a Maroon settlement, are situated in the wild and romantic Cockpit Country, a district some 10 by 15 miles in extent in the west central part of Jamaica. The Maroons, who derived their name from the Spanish *cimaron*—wild or fierce—or perhaps from *cima*—mountain-top—are the

descendants of escaped negro slaves of the Spaniards and the runaway slaves of the English, who for years proved a menace. They kept up a guerilla warfare with the colonists, and although treaties were made with them from time to time they were not finally suppressed until after the Maroon War of 1795, the cost of which was £350,000. After the struggle most of the Maroons were expatriated to Nova Scotia at a cost of £49,400. Mr. Frank Cundall gives the following account of a visit to the Cockpit Country.

At one time it gave the impression of a number of stunted cones rising from a plain; at another the feeling was one of a number of basins like the Devil's Punch-bowls of England; at all times, except where there was a clearing for corn, bananas, or bread-kind, it appeared thickly wooded—mahogany, cedar, mahoe, Santa Maria, and broadleaf being prominent, and mosquito wood and red shingle wood, and other lesser known woods being pointed out by our guide. . . . As one rides along these defiles the mournful note of the solitaire suggests the nervousness which might have fallen on the soldiers marching through a thickly wooded, rocky, unknown country, every crag of which might conceal a foe, to whose foot such mountain paths were familiar. At Maroon Town itself, we found a clearing on which cattle were grazing, and a police station (just abandoned) built on the site of the officers' quarters of half a century ago. Near by was the well which supplied the settlement with water, and a barracks, some 130 ft. long by 30 ft. broad, which had once possessed an upper story of wood, little now remaining of the stoutly built lower walls of limestone quarried in the neighbourhood. There also were the powder-house and the cells, the hospital and the kitchens and the mess-house, which, placed on an immense rock open to the sea breeze from the east, commanded a view over Trelawny to the sea by Falmouth miles away. It was once a substantial building of three storeys, the solid steps leading up to the second floor being still usable. Opposite the mess-house rise two large conical hills calling to mind the twin Pitons of St. Lucia—the one called Gun Hill (because a gun had been placed in position there, possibly the howitzer with which Walpole did great execution), the other Garrison Hill. Then we saw the tank some thirty feet long, fed by a clear stream in which the soldiers were wont to bathe; then, saddest of all, a few tombs—one recalling the death in 1840 of a coloured sergeant of the 68th (or Durham) Regiment, another to the wife of a quartermaster of the 38th Regiment who died in 1846, and a third to the paymaster of the 101st Regiment who died in 1810; while a nameless tomb, the oldest inhabitant told us, belonged to a Colonel Skeate, who, being ill when his regiment left, was buried by the incoming regiment.

The wood behind the police station was, we were told, almost impassable. For miles the thick woods lie untrodden by man, except when a few Maroons or other negroes go hunting the wild hogs which abound, or "fowling," *i.e.* shooting pigeons.

After leaving Maroon Town we visited the chief settlement of the Maroons in the west end of the island, Accompong, and experienced rough travelling. In places there was nothing but the bare limestone rock for yards, without a scrap of earth. Nothing but a pony bred in the district could have negotiated it successfully. But once on the main path riding was easy. One was struck by the amount of cultivation on either hand; here and there a patch of bananas, here and there yams, and so on. On reaching the town of Accompong, we saw a number of houses scattered about and a small church nearing completion. Across a "pit" stood the "Colonel's" house on the opposite side.

Rose Hall in particular calls for mention, for apart from its being typical of the palatial great houses in which West Indian planters lived in the days when sugar was king, it is said to be haunted by the ghost of Mrs. Palmer. This is not the lady whose virtues are recorded on the monument by Bacon in the church, but a second Mrs. Palmer—an Irish immigrant—whose residence in Jamaica was characterised by the extreme brutality with which she treated her slaves and the facility with which she disposed of her husbands. The Hon. John Palmer, of Rose Hall, was her fourth, and she wore a ring inscribed, "If I survive I shall have five." Fortunately, however, this inhuman wretch did not survive, but was herself murdered, being strangled by her slaves on the neighbouring estate of Palmyra. For many years rumour connected this modern Brinvilliers with the monument in the church, and certain marks in the neck of the figure of Jamaica—wrongly believed to be Mrs. Palmer—were pointed out by the superstitious. The monument was, however, erected to the memory of the Hon. John Palmer's first wife.

The house, which was erected in 1760 at a cost of £30,000, was at that time one of the most handsome great houses in the island. Hakewill writing of it said: "It is placed at a delightful elevation, and commands a very extensive sea view. Its general appearance has much of the character of a handsome Italian villa. A double flight of stone steps leads to an open portico, giving access to the entrance hall ;

on the left of which is the eating-room, and on the right the drawing-room, behind which are other apartments for domestic uses. The right wing fitted up with great elegance and enriched with painting and gilding, was the private apartment of the late Mrs. Palmer, and the left wing is occupied as servants' apartments and offices. The principal staircase in the body of the house is a specimen of joinery in mahogany and other costly woods seldom excelled and leads to a suite of chambers in the upper story."

Drives can also be taken to **Lucea** (25 miles along the coast road to the west, $6\frac{1}{2}$ hours), and **Falmouth** (22 miles, $6\frac{1}{2}$ hours; *see page 193*). The parish church contains a monument to Sir Simon Clarke, Bart., by Flaxman (1777).

The main coast road to the east of Kingston leads to **Rock Fort**. Three miles from Kingston is the terminus of the tram-cars near Rock Fort Gardens, a place of entertainment. A mile farther on is a quarry worked by convicts, a bricked-in public bath with curative waters, and the historic Rock Fort. The road proceeds past Harbour Head ($1\frac{1}{2}$ miles) and the Hope River ($\frac{1}{2}$ mile), which, though generally dry, is impassable after heavy rains; $\frac{3}{4}$ mile farther are the huts of the cable companies, $\frac{1}{4}$ mile beyond which the Cane River—also usually dry—has to be crossed. **Bull Bay** ($9\frac{1}{2}$ miles from Kingston) is a straggling town of no importance. Beyond this town the road crosses the Yallahs River ($7\frac{1}{2}$ miles), passes the Yallahs Ponds (3 miles), and after crossing the Johnson River ($5\frac{3}{4}$ miles) reaches **Morant Bay** ($30\frac{1}{2}$ miles from Kingston), the scene of the rebellion of 1865 which was suppressed by Governor Eyre.

Bath, in the parish of St. Thomas (40 miles from Kingston), boasts the hottest mineral spring in the island. It can be reached by a bridle road just beyond Morant Bay or from **Port Morant** ($7\frac{1}{4}$ miles farther on), from which it is $6\frac{1}{4}$ miles distant. The road from the town of Bath to the spa follows the windings of a deep and narrow gorge. Along the bottom of this flows a perennial spring, to which, rolling down the rocky sides covered in fern, numerous rills contribute. The mineral waters break from the

rocks at different levels, and can be distinguished from the ordinary waters of the gorge by their warmth. The largest spring issues from the face of a perpendicular rock. A covered reservoir of masonry has been built round the outlet, and a pipe fixed in it carries the water to the bath-house. In wet weather the temperature of the water, as it runs from the rock, has been taken as 128° Fahr., and it rises in dry weather to 130° Fahr. Tradition asserts that these waters were discovered by a negro who in his own person found their efficacy. The analysis of the Bath water gives the following mineral constituents in one gallon of water :

Chloride of sodium	13.84 grains.
„ potassium	0.32 „
Sulphate of calcium	5.01 „
„ sodium	6.37 „
Carbonate of sodium	1.69 „
Silica	2.72 „
Oxide of sodium combined with silica	1.00 „
Organic matter	0.99 „

Beyond Port Morant the coast road proceeds past Phillipsfield (2¼ miles), Golden Grove (4 miles), Amity Hall (1½ miles), from which place a road leads to Holland Bay and Morant Point Lighthouse, Manchioneal (10½ miles), and Priestman's River (9½ miles), to Port Antonio (*see page 191*) (77 miles to Kingston by this route).

An excursion to the mountains from Bath by the **Cuna-Cuna** road is most interesting. The road (a bridle-path) passes over a wild and mountainous district, and, crossing the main ridge enters the valley of the Rio Grande, which flows out on the north side of the island. The bridle-path is continued to Moore Town, and arrangements can be made for buggies to meet travellers and convey them to Port Antonio, 7 miles distant.

TURKS AND CAICOS ISLANDS

GENERAL ASPECT. The Turks and Caicos Islands consist of two distinct groups between latitudes 21° and 22° N. and longitudes 71° and 72° 37' W., the former lying to the east and the latter to the west of the Grand Turk Passage, which is about 21 miles wide, and forms one of

the principal passages for vessels sailing from Europe, the United States, and Canada to Cuba and Jamaica. The Turks Islands consist of a number of uninhabited islets and of Grand Turk and Salt Cay, with a population of 1681 and 398, and an area of 10 and 6 square miles respectively; while the Caicos group comprises numerous small cays and six larger islands, South Caicos, East Caicos, Grand or Middle Caicos, North Caicos, Blue Hills or Providenciales, and West Caicos, with a population of 3536. The Caicos Islands, which lie in the form of a large semi-circle, compose the northern and part of the eastern and western borders of what is known as the Caicos Bank, which, fringed on the south by a reef, is to all intents and purposes a large and shallow lake of salt and whitish water, extending in its widest parts 50 to 60 miles north and south and 75 miles east and west.

INDUSTRIES. The principal industries are the collection of salt, sponges and conchs, and the cultivation of fibre. The process of making salt in these islands is that of solar evaporation, the hot sun and strong winds, together with a low rainfall, furnishing ideal conditions for the industry. The salinas or salt-ponds are partitioned off into series of basins with sufficient fall from one set to another to cause the water to flow through them, the vegetable and mineral impurities being successively precipitated before the brine reaches the last set, called "making pans," where the salt becomes crystallised ready for raking. Above a million bushels (28 to 40 bushels to the ton), of the value of £25,000, is annually exported in bulk, most of it finding a market for packing purposes in the chief towns of the eastern seaboard of the United States. There are two companies in the Caicos Islands for the cultivation and extraction of sisal fibre. The export of sisal fluctuates considerably, £7351 gross value being shipped in 1910, £1225 in 1911, and £4718 in 1912, this variation being caused by uncertain prices and climatic conditions. The sponge fisheries are confined exclusively to the Caicos Bank, where there are five purchasing stations among the islands, which buy the sponges gathered, the chief varieties being sheepswool, velvet, reef, yellow, and grass. Owing

to the destructive methods of fishing and to the absence of regulations for the conservation of the beds, the output has decreased of late years, and experiments on a small scale have been recently made with the propagation of sponges by cuttings, which have demonstrated the possibility of cultivation by that method. In 1901 sponges to the value of £9277 were shipped, but in 1912 the value fell to £1451.

Conchs are gathered chiefly for their meat, which is a favourite article of food locally and in Haiti. Occasionally a pink pearl is found in the conchs, the shells of which are burned to make lime.

The principal exports for the year 1912 were :

Salt . . .	£18,603	Sisal . . .	£4718
Sponges . . .	1451	Conchs . . .	553

The direction of trade in the same year was :

Foreign Countries	£38,084
United Kingdom	6191
British Colonies	9334

FINANCIAL POSITION. The financial position of the dependency is shown by the following comparative table of revenue and expenditure and imports and exports for the past ten years :

Year	Revenue.	Expenditure.	Imports.	Exports.
	£	£	£	£
1903	8,678	9,810	30,956	32,054
1904	6,466	8,001	24,121	24,487
1905	6,243	7,279	28,230	24,022
1906	6,809	7,080	27,572	24,940
1907	7,391	7,119	27,660	23,817
1908	7,404	11,430*	24,426	24,768
1909	7,748	7,454*	25,262	18,936
1910	8,648	6,827	27,916	24,461
1911	8,318	7,695	24,722	23,703
1912	8,215	8,092	27,662	25,947

* £4800 expended on hurricane relief in these years.

CLIMATE. On the whole the climate is healthy, the extreme range of temperature being from 58° to 93°, and

the mean 78° ; but the absence of fresh vegetables, practically the whole of the food consumed being imported; renders residence for Europeans very trying.

HISTORY. Although included in the same dependency, the Turks Islands have a separate history from that of the Caicos Islands; for, in spite of their proximity and frequent intercourse, the two groups from 1799 to 1848 were regarded as two parishes, St. Thomas and St. George, of the Bahamas Government. The Turks Islands were discovered about 1512, but no attempt at occupation was made until 1678, when their value for the production of salt was recognised by the colonists of Bermuda. As late as 1781 the first Royal Regulations for the government of the salt-ponds show clearly that no permanent settlement or idea of fixed property in the ponds was entertained. Recognition was then given to the Head Right system, whereby one-third of the ponds was reserved to meet the expenses of common government and the other two-thirds were annually shared among all British inhabitants present in the island on February 10. Every adult was entitled to a full share; while children, measured according to what may have been the forerunner of the decimal system, were allotted so many tenths in proportion to their height. The owners of slaves received the benefits of the shares allotted to their slaves. It would appear that some of the public officials and the ministers of religion received their salaries in bushels of salt; which calls to mind the ancient *salarium* or salt allowance of the Roman soldier. Towards the end of the eighteenth century the Bahamas Government, perceiving the strategic and growing commercial importance of the islands, laid claim to them as forming geographically an integral part of the Bahamas group, and, despite the vigorous protests of the Bermuda salt-rakers, it was determined by Order in Council in 1804 that the legislation of the Bahamas Government should be extended over them. After a bitter struggle lasting over half a century, it was ultimately recognised that difficulties of communication and conflicting commercial and industrial interests between the Turks Islands and the other islands of the colony rendered common legislation impracticable and impossible.

In 1848 an Order in Council placed the Turks Islands and the Caicos Islands as an independent administration under the supervision of the Governor of Jamaica. In the meantime, emancipation with its social upheaval had necessitated a change in the tenure of the ponds, the Head Right being replaced by a leasehold system.

The Caicos Islands, which in 1848 were appended to the Turks Islands for the purposes of government, were originally occupied by loyalist refugees from Georgia after the declaration of independence by the United States ; but the white owners, owing to losses by severe hurricanes and the destruction of their cotton, sugar, and other crops by insect pests, seem to have lost heart and departed, abandoning the lands to their slaves, who rapidly lapsed into semi-barbarism. The traditions of " Old Massa " are still to be traced among the descendants of these slaves. After their incorporation with the Turks Islands serious attention was directed to the capabilities of the group for salt production, and about 1850 Cockburn Harbour was laid out in salt ponds on more modern lines than those of Grand Trunk and Salt Cay, and it was not long before it was able to export more salt than either of the two settlements.

For several years after the establishment of independent government, remunerative prices enabled the lessees of the salt ponds to carry on the industry with a fair margin of profit, but a succession of bad seasons rendered a further change of tenure from leasehold to freehold imperative. The conversion to fee-simple was granted in 1862, one-tenth of the value of the salt exported being secured as royalty in perpetuity to the Crown. The hurricane of 1866, however, left both the Government and the pond owners in a state of financial embarrassment, and, after a hopeless struggle for several years, the export tax on salt was removed (the royalty still continuing), drastic retrenchment effected, and the elective system of legislation abolished, the islands becoming in 1873 a Crown Colony and a dependency of Jamaica.

CONSTITUTION. The Legislature of the Turks and Caicos Islands, which, as we have seen, now form a dependency of Jamaica, consists of a Legislative Board comprising

the Commissioner and Judge, and no fewer than two or more than four other persons appointed by the Governor of Jamaica.

Commissioners since 1893

Edward J. Cameron, C.M.G.	1893
W. Douglas Young, C.M.G.	1901
F. H. Watkins, I.S.O.	1906

HOTELS. There are no hotels or boarding-houses in the islands. Visitors should therefore furnish themselves with suitable introductions and make arrangements for board and bed in advance.

MEANS OF COMMUNICATION. Since the termination of the Imperial Direct West India Mail Service there has been no direct communication, Messrs. Elders and Fyffes Ltd. kindly dropping passengers at Grand Turk whenever requested. The Clyde Line from New York to Santo Domingo call at Grand Turk about every ten days ; and a Canadian steamer from Halifax to Jamaica calls each way once a month. The boat fare between the steamer and the shore is 1s. each way.

PRINCIPAL SIGHTS. A visitor to the Turks and Caicos Islands can best spend his time in studying the life and character of their inhabitants and the manner in which the industries referred to above are carried on. There are no "sights" properly speaking ; but the charm and novelty of life on coral islands which are off the beaten track, together with the hospitality of the inhabitants, go far to make up for their absence. The Commissioner's residence, "Waterloo," is situated about 3 miles from the landing stage at the south-west of the island. The principal church is about a quarter of a mile from the settlement.

THE CAYMAN ISLANDS

GENERAL ASPECT. The Cayman Islands, which constitute a dependency of Jamaica, lie between latitudes

19° 16' and 19° 45' N. and longitudes 79° 83' and 81° 30' W., 110 to 156 miles to the north-west of the west end of Jamaica. They comprise Grand Cayman (population 4128), Little Cayman (population 136) and Cayman Brac (population 1300), and have a total area of 87 square miles. Grand Cayman is 17 miles long by 7 wide, Little Cayman 9 miles by 1 mile, and Cayman Brac 10 miles by 1 mile. The coasts of Grand Cayman are for the most part rock-bound, and the island is surrounded by reefs. On the north side it has a large harbour over 6 miles wide. It has two towns—Georgetown and Boddentown—and several villages. In Grand Cayman there are about 40 miles of roads, and in Cayman Brac 15 miles, which are very well kept. The inhabitants are well-to-do and there is no poverty, each family having its own homestead, which is invariably most tidily kept. It is noteworthy that the percentage of illegitimacy is far less in the Caymans than it is in Jamaica and other West Indian islands.

INDUSTRIES. The Cayman Islands are the centre of an important turtle-fishing industry, the turtle being caught off the Cays on the coast of Nicaragua and brought to the islands to fatten. They are then sent to Jamaica for shipment abroad. The fishing fleet consists of about thirty-three schooners and sloops. The green turtle caught are shipped to England and America, but the hawks-bill turtle are killed and their shells—which form the tortoiseshell of commerce—removed. When the green turtle are first caught the initials of the owners are cut on their shells and they are placed in “crawls” until the boats are ready to return to the Cayman Islands. The green turtle have a keen sense of locality, and cases have been known where they have escaped and been found in the fishing-grounds over three hundred miles away. Other industries include the manufacture of rope from the thatch palm, which grows wild, the raising of cattle and horses, and the cultivation of coco-nuts, which has been extended rapidly in recent years.

FINANCIAL POSITION. The revenue and expenditure and imports and exports for the last five years are given in the table on next page.

Year.	Revenue.	Expenditure	Imports.	Exports.
	£	£	£	£
1907-8	4,569	2,773	22,774	11,629
1908-9	3,610	3,735	22,091	11,995
1909-10	2,824	3,282	23,858	11,371
1910-11	2,779	2,716	26,232	18,992
1911-12	3,795	2,700	28,444	12,323

CLIMATE. In summer the weather is somewhat hot, the temperature averaging about 84° Fahr. ; but in autumn and winter it is refreshingly cool, the morning temperature often being below 70° Fahr. On the whole the islands are extremely healthy. The rainfall averages about 70 ins. per annum.

HISTORY. The Cayman Islands were discovered by Columbus on May 10, 1503, on his return voyage from Porto Bello to Hispaniola, and were called by him "Las Tortugas" from the abundance of turtle which he found there. Their present name has been attributed by the late Dr. G. S. S. Hirst, Commissioner from 1907 to 1912, to the fact that early settlers found alligators, or "cayman" as they are still called in Jamaica, in the lesser islands. Another ingenious though less plausible suggestion is that it is derivable from Cay Mano—the cay like a hand. With regard to Cayman Brac, we are told that Brac is synonymous with "Bluff." The islands were never occupied by the Spaniards, but were mainly settled by English from Jamaica. Their formal colonisation dates from 1734, between which year and 1741 a number of patents of land were issued. The present inhabitants are mainly the descendants of the original settlers and their servants, as each patentee was compelled to carry with him to the island a certain number of white men besides slaves. In 1774 there were, according to Long, one hundred and six white persons on the island of Grand Cayman, who had a "Chief or Governor of their own choosing." For many years the islands were frequented by buccaneers, and "hidden treasure" has been found in them from time to time.

CONSTITUTION. The government of Cayman Islands, which, as above stated, form a dependency of Jamaica, is administered by a Resident Commissioner. Local affairs are controlled by a body styled the "Justices and Vestry," whose enactments become law when assented to by the Governor of Jamaica. The Commissioner is a veritable "Pooh-Bah," carrying out as he does, besides the duties of Chief Executive Officer, those of Collector-General of Customs, Treasurer and Judge.

MEANS OF COMMUNICATION. There is, unfortunately, no steamer communication, and the mails are sent to and from Jamaica at irregular intervals by fishing schooners.

PRINCIPAL SIGHTS. Visitors to the Cayman Islands must be content with the novelty of their surroundings and a study of the people and their industries as far as occupation is concerned. Among the natural curiosities at Boddentown are a cave which extends for some hundreds of yards under the sea and a remarkable natural cistern, said to be from 40 to 42 ft. deep, which contains clear spring water, at East End. The cistern measures 70 by 50 ft., and is situated in the middle of a cliff of solid flint rock. It is said to assume a turbid appearance and to emit offensive smells on the approach of a storm. There is also a curious cave containing wide subterranean passages on the north side of the island about $1\frac{1}{2}$ miles inland from Old Man's Bay.

MORANT CAYS AND PEDRO CAYS

The Morant Cays and Pedro Cays were taken possession of on behalf of the British Crown in 1862 and 1863 respectively. They were not at first annexed to any colony, but the Governor of Jamaica was given powers to deal with any guano islands or cays within the West Indian naval waters which were not already dependencies. Letters Patent were issued in June 1864, authorising the Governor of Jamaica to grant leases of, and licences to take guano from, the islands. In 1906 the Morant Cays were leased for seven years to Captain S. E. Bodden, and the Pedro

Cays for seven years to Captain John Greenwood. By Letters Patent the Cays were formally annexed to Jamaica by a proclamation on June 1, 1882. For judicial purpose the Cays now form part of the parish of Kingston. The Morant Cays are 33 miles to the south-east of Morant Port, and comprise three small islets. Here the sea birds arrive in great numbers in March and April and lay their eggs, which are conveyed by schooner to Jamaica. The Pedro Cays are 40 or 50 miles to the south-west of Portland Point, and consist of four islets, known respectively as North-east, Middle, South-west, and South Cay.

CHAPTER IX

TRINIDAD AND TOBAGO

TRINIDAD

" Misericordie probat populos et fœdera jungi "

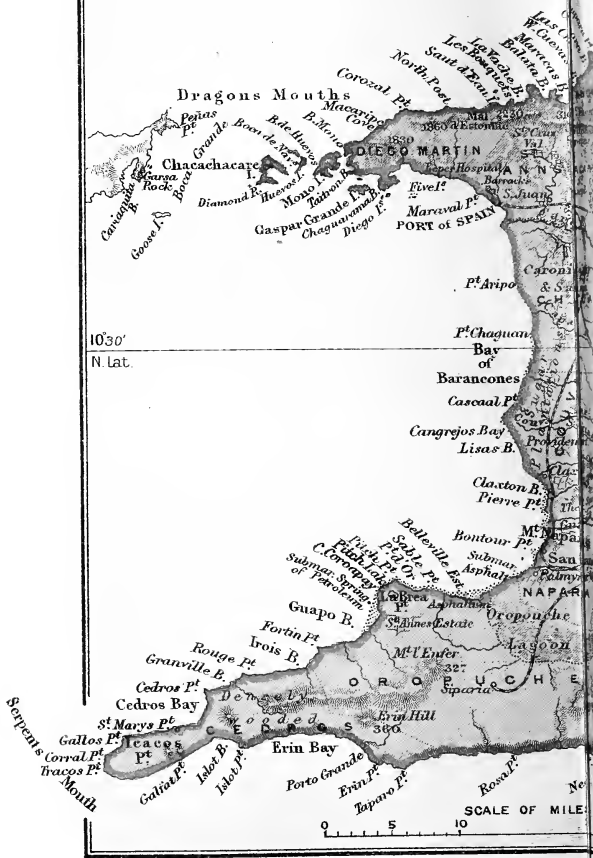
Adapted from Virgil

GENERAL ASPECT. Trinidad, which lies off the delta of the Orinoco, between latitude $10^{\circ} 3'$ and $10^{\circ} 50'$ N. and longitude $60^{\circ} 55'$ and $61^{\circ} 56'$, is rather smaller than Lancashire, its total area being 1754 square miles. Its population, which at the census of 1911 was 312,803, is composed of black and coloured people of African descent, and families of English, French, Spanish, and German extraction, while no fewer than one-third of the inhabitants are East Indian immigrants, who were first introduced into the West Indies in 1845, and now arrive in Trinidad from Calcutta at the rate of 2400 every year. In shape, Trinidad is rectangular, with promontories at the four corners, those at the north-west and south-west being extended towards the mainland and enclosing the Gulf of Paria, which is practically a land-locked sea between Trinidad and Venezuela, with narrow straits north and south. The straits at the north are called the Bocas del Dragone, or Dragon's Mouths, and those at the south the Boca del Sierpe, or the Serpent's Mouth. There seems to be little reason to doubt that Trinidad at a distant date was connected with the mainland, and it is plainly noticeable that the three islands in the northern straits, namely, Chacachacare, Huevos, and Monos, are of the same formation as the mountains on the Spanish Main. The north coast of Trinidad is rock-bound, and the east coast is so exposed to the surf as to be almost unapproachable at

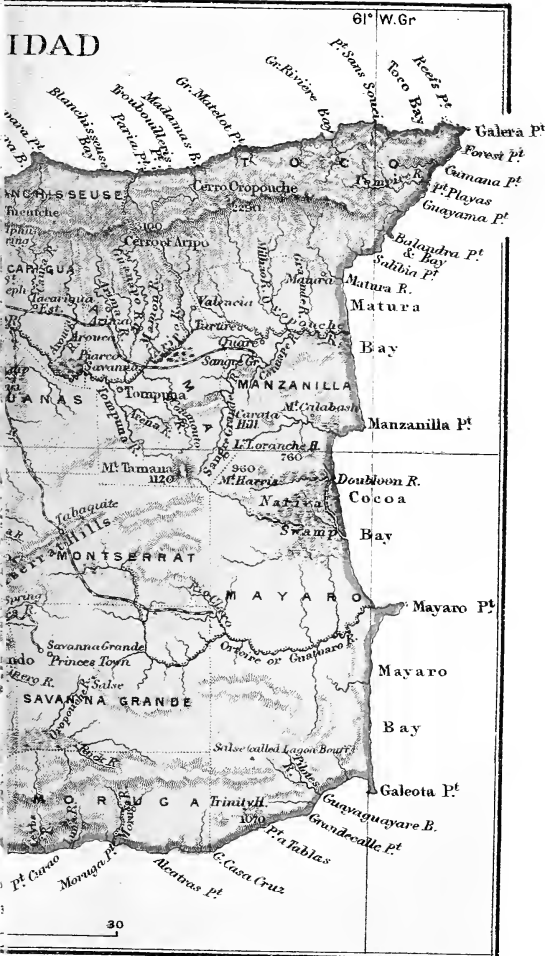
some periods of the year, while the south coast is steep in parts. There are, however, several suitable shipping ports on the west coast. The island is somewhat mountainous, and it has three distinct ranges of hills running east and west, the highest points being El Tucuche and the Cerro de Aripo, both 3075 feet high. The rivers, though numerous, are unimportant, the Caroni and Couva on the western side and the Oropouche and Ortoire on the eastern side being the principal. The island has eight counties, four north of the central range which ends at San Fernando on the west, and four south of it, but for administrative purposes it is divided into wards. Port of Spain (population 59,796), in the county of St. George, at the angle formed by the north-western promontory above referred to, is the capital and trade centre of the island. It has as yet nothing approaching a proper harbour, and as large steamers cannot get very near owing to the shallowness of the water, passengers have to reach the shore in a launch. Port of Spain has many handsome buildings, and enjoys the advantages of electric light, telephones, and an extensive electric tramway system. The town has an adequate water-supply and drainage system, and a notable authority—the late Sir Rubert Boyce—pronounced it one of the most sanitary cities in the West Indies. The second town in order of importance is San Fernando (population 8667), thirty-five miles from the capital. Next to it comes Arima (population 4020), which has been granted a charter of incorporation, and stands about sixteen miles inland from Port of Spain.

INDUSTRIES. The soils of Trinidad, though varied, are extremely fertile, and are therefore capable of producing large crops of sugar, cocoa, rubber, and all kinds of tropical produce. About 445,703 acres are now cultivated and 597,637 remain still ungranted. Cocoa is by far the largest industry of the island, the value of the exports of this commodity being now about double that of sugar, which only occupies second place. Molasses, rum, rubber, bitters (Trinidad is the present home of the famous Angostura bitters, the manufacture of which was transferred to it from Angostura or Ciudad Bolivar in Venezuela, owing to





IDAD



the troubled state of that republic), coco-nuts, coffee, copra, fruit, asphalt (from the famous Pitch Lake described below), and petroleum from the local oil wells, figure largely among the exports.

The values of the principal articles of export in the year 1912 were as follows :

Cocoa	. . .	41,525,627 lb.	..	£1,007,990
Sugar	. . .	33,165 tons	..	529,123
Rubber	. . .	6,916 lbs.	..	1,040
Coco-nuts	. . .	16,305,038	..	61,278
Fruit	. . .	—	..	11,033
Asphalt	. . .	176,077 tons	..	202,106
Petroleum.	. . .	4,295,707 gals.	..	18,432

The direction of import trade in the same year was : United Kingdom, 36.4 ; United States, 31.6 per cent. ; Canada, 7.3 ; France, 2.6 ; Venezuela, 2.6 ; Germany, 1.3 ; other British possessions, 7.9 ; and other countries, 4.7.

The direction of export trade was : United States, 39.5 per cent. ; United Kingdom, 22.6 ; France, 11 ; Canada, 9.2 ; Venezuela, 3.1 ; Germany, 4.1 ; other British possessions, 1.7, and other countries, 8.8.

FINANCIAL POSITION. The following is a comparative table of the revenue and expenditure, and the imports and exports of the colony for the last ten years :

Year.	Revenue.	Expenditure.	Imports.	Exports.
	£	£	£	£
1903-4 .	804,440	818,860	2,526,450	2,275,441
1904-5 .	811,614	810,258	2,629,051	2,479,274
1905-6 .	847,953	869,981	3,303,611	3,168,706
1906-7 .	765,272	810,474	3,120,717	2,872,325
1907-8 .	871,201	781,038	3,374,824	3,907,503
1908-9 .	834,745	855,050	2,682,702	2,500,195
1909 .	853,565	863,253	3,288,826	3,218,092
1910 .	948,383	843,050	3,343,011	3,467,588
1911 .	950,744	901,018	5,018,848	4,769,486
1912 .	932,513	893,498	4,682,325	4,472,577

In considering the figures of the imports and exports, it should be borne in mind that they include all mer-

chandise imported for transshipment and re-exported, which amounted in 1912 to £2,088,182, and bullion and specie, of which £65,260 was imported and £26,315 exported. In contravention of an existing treaty Venezuela imposes a surtax of 30 per cent. on imports from the West Indies ; but for this the transshipment trade would be far larger.

CLIMATE. The climate of Trinidad is hot and damp. The mean annual temperature is 80° Fahr., but at night the thermometer often falls below 70° Fahr. in Port of Spain, and lower still in the hills. The wet or rainy season is subject to variation, but it generally extends from May to December, with a short break in September, and the annual rainfall is about 62 inches. Trinidad is fortunate in being out of the hurricane zone, and it is singularly free from the seismic disturbances which afflict at times some of the other islands. The birth-rate is 34 and the death-rate 30 per 1000, but the latter would be considerably less were it not for the excessive infant mortality among the black population.

HISTORY. Trinidad was discovered by Columbus during his third voyage on July 31, 1498, and named by him after the Trinity, the idea being, it is said, put into his head by his sighting three very conspicuous peaks in the southern range of hills in Moruga, now known as the Three Sisters. Be that as it may, it is certain that the first land which he saw was the south-eastern corner—now Cape Galeota—which he called La Galera. He sailed along westward, and entered the Gulf of Paria by the Boca del Sierpe, or Serpent's Mouth, and after bartering with the Indians whom he found there, he sailed from the north of the Gulf through one of the Bocas del Dragone, or Dragon's Mouths. No definite attempt was made to settle the island until 1532; when a Spanish Governor, Don Antonio Sedeño, was appointed to preside over its destinies. In 1577 or 1584 the settlement of St. Joséf de Oruña was founded on the spot where the present town of St. Joseph stands, seven miles inland from Port of Spain. The town was destroyed by Sir Walter Raleigh, who visited the island in 1595, and caulked his ships with pitch from the spot "called by the naturals Piché and by the Spaniards Tierra de Brea" (the

Pitch Lake). The fortunes of the island fell to such a low ebb in 1740 that the colonists complained that they could only go to Mass once a year and then only in clothes borrowed from each other, and Mr. Joseph in his "History of Trinidad" says that he learnt from an old paper that the Cabildo or Municipality had but one pair of small clothes among them. In 1780, at the instance of M. St. Laurent, a Frenchman from Grenada, who had visited the island and recognised its possibilities, the Spanish issued a decree encouraging foreigners to settle in Trinidad, and in the year 1783, a further proclamation having been issued calling attention to the advantages offered by its fertile soil, a large influx of settlers resulted. Don Josef Maria Chacon was sent out as Governor, and the population rose rapidly from 300 in 1783 to 18,000 in 1797. In 1796 a quarrel took place between the men of a British squadron, who had been attacking some French privateers in the Gulf of Paria, and the colonists. A party of officers were visiting a Welsh lady in what is now Frederick Street, when some of the French privateersmen insulted a British sailor from the *Alarm*. A fight resulted, the officers rushed to the rescue, and a general mêlée ensued; the Commodore, Captain Vaughan, landed a force on the following day, and, though he withdrew before a conflict took place, this incident formed one of the grounds on which Spain declared war with Great Britain a few months afterwards, and on February 12, 1797, a large British expedition set out from Martinique under Sir Ralph Abercromby and Admiral Harvey to reduce the island. The Spaniards relieved Admiral Harvey of the responsibility of an attack by setting fire to their ships, which were lying under Gaspar Grande in Chaguaramas Bay, their Admiral, Apodaca, setting the example by strewing rosin, sulphur, and other combustibles on the decks of his own three-decker. On February 18, without a fight, Chacon surrendered Trinidad to Sir Ralph Abercromby, an event which has been so charmingly described by Charles Kingsley, and the general's aide-de-camp, Picton, was appointed Governor. The cession of the island was confirmed by the Treaty of Amiens in 1802.

CONSTITUTION. Trinidad, with which the neighbouring

island, Tobago, has since January 1, 1899, been incorporated, is a Crown Colony. The government is administered by a Governor, with an Executive Council of six members. There is also a Legislative Council, consisting of ten officials, and of such other unofficial members as the Governor may appoint. These unofficial members hold their seats for five years, and are at present eleven in number.

Governors of Trinidad since 1891

Sir Napier Broome, K.C.M.G.	1891
Sir H. E. H. Jerningham, K.C.M.G.	1897
Sir C. A. Moloney, K.C.M.G.	1900
Sir H. M. Jackson, G.C.M.G.	1904
Sir George R. Le Hunte, G.C.M.G.	1909

HOTELS. **Port of Spain.** The *Queen's Park Hotel*, situated on the south and breezy side of the Savannah, is quite one of the best in the West Indies—rooms and attendance 6s. 3d. and upwards; board and lodging 12s. 6d. per day. The *Family Hotel*, Marine Square—rooms and attendance 5s. per day; board and lodging 8s. 4d. The *Hotel de Paris*, in the old Union Club premises, Abercromby Street—rooms and attendance 4s. 2d. per day; board and lodging 8s. 4d. per day. The *Standard Hotel*, opposite the railway terminus—rooms and attendance 4s. 2d.; board and lodging 6s. 3d. per day. Mrs. Bryant's *Lodgings*, 7 Queen's Park, E. (facing the Savannah), 8s. 4d. per day. In the **Five Islands** furnished houses are obtainable for £2 to £3 per week; and in **Monos, Gasparee, and Chacachacare** private houses can also be rented by the week, fortnight or month at the rate of £5 to £10 per month, visitors providing their own linen and cutlery. At **Gasparee** Mrs. H. Vincent takes paying guests, if suitably introduced, for 8s. 4d. per day.

MEANS OF COMMUNICATION. Trinidad is served by the steamship companies numbered 1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 25, 27 and 28 in the list on pages 14 to 27. The return launch fare from steamer to the shore is 2s. per passenger.

The roads in Trinidad are excellent for riding, driving, motoring, and cycling. Carriages are obtainable at Collie's

stables, Woodford Street, Haynes Clark's stables, Tragarete Road, and also at Abercombe Stables—Single, 4s. per hour ; pair, 8s. for the first hour, 6s. after ; £1 os. 10d. per day and upwards ; and of W. T. King and Son, St. Vincent Street—Single, 4s. per hour ; pair, 8s. ; £1 os. 10d. per day. There are also numerous garages where motor-cars can be hired.

The electric cars of the Trinidad Electric Company Limited run in Port of Spain and the suburbs every fifteen minutes, affording an excellent means of seeing a great deal of the life of the neighbourhood in a very short time. The routes are as follows :

(1) From the railway station *via* Charlotte Street, Park Street, and Tragarete Road westward to Cocorite and Four Roads. Fare for the whole distance, 4d. by ticket, or 6d. cash.

(2) From the railway station *via* St. Vincent Street, Park Street, St. Ann's Road, and thence through Belmont. Fare, 2d. by ticket, or 3d. cash.

(3) From the railway station *via* Frederick Street, then along the east side of the Savannah, going northward into St. Ann's Valley. Fare, 2d. by ticket, or 3d. cash.

(4) From the railway station *via* Frederick Street, entering the Savannah, and skirting the southern and western ends of it as far as the Maraval corner. Fare, 2d. by ticket, or 3d. cash.

(5) The "Belt" route, round the Savannah after 5 p.m. daily. Fare, 2d. by ticket, or 3d. cash.

Tickets are purchasable at the Transfer Station, Park Street, or from the car conductors, at the rate of six for 1s. Passengers travelling without tickets must pay 3d. a journey, but any passenger may transfer from one route to another without extra charge, except in the case of the "Belt" circuit, to which no transfer is allowed. It is therefore possible to ride from Cocorite to Belmont, a distance of about four miles, for 2d.

Pair-oared boats can be hired for £2 to £2 10s. per month, or a small fishing boat for £1 to £1 10s.

The Trinidad Government Railway runs to San Fernando (1 hour 48 mins.), and Princes Town (2 hours 21 mins.) ; from Cunupia (Jerningham Junction) on the San Fernando line there is an extension to Tabaquite (15 miles) and thence to Rio Claro. On March 2, 1908, the Legislature approved the construction of extensions from Tabaquite to Poole and

from San Fernando to Siparia. The San Fernando-Siparia line, which was opened in November 1913, between St. Joseph and Dèbè, runs almost its whole length through the sugar districts of the Colony, while the steamers from San Fernando, besides La Brea, serve the principal oil-field district. Another branch opens up some of the chief cocoa districts and goes to Arima (16 miles) and Sangre Grande (29 miles, 1½ hours). The latter is the prettiest line for excursions. It affords a series of lovely views of the central range of hills to the right going from Port of Spain, and of the northern range on the left, and gives tourists an admirable opportunity of gauging the importance of the flourishing cocoa industry, which has not even yet reached the full limit of its development. On the next page is a list of the stations on the railway, their distance from Port of Spain, and a schedule of fares.

Steamers run in connection with the trains at San Fernando, to Cedros (4 hrs 35 mins.), and once a week to Icacos (5 hrs. 5 mins), calling at La Brea (1¼ hrs.) and Brighton (for the Pitch Lake), Guapo (2 hrs.), Cap-de-Ville (2 hrs. 50 mins.), Irois (3 hrs. 25 mins.), and Granville Bay (4 hrs. 5 mins.), returning the same day on Tuesdays and Saturdays ; and returning on the following day, on Sundays and Thursdays. Return fares :

From	1st class and Saloon.			2nd class and Saloon.	
	£	s.	d.	s.	d.
Port of Spain to La Brea .		15	3	11	2½
„ Cedros .	1	0	0	16	10
„ Icacos .	1	1	5½	18	4

Refreshments may be obtained on board the steamer.

There is a steamer service between Port of Spain and the Five Islands (50 mins.), Gasparee (1 hr. 10 mins.), Monos (2 hrs. 25 mins.), and Chacachacare (2 hrs.) by the Government "Gulf Steamers" on Monday, Wednesday, Friday and Saturday. The fares are low, the rate to Chacachacare being only 4s., or 6s. 3d. return. On Wednesdays and Saturdays cheap day return cabin tickets are issued at single fares.

Stations between	Distances. Miles.	Return Tickets.			Single Tickets.			
		1st Cl.	2nd Cl.	3rd Cl.	1st Cl.	2nd Cl.	3rd Cl.	
Port of Spain and		\$	c.	\$	c.	\$	c.	
San Juan	4	0	36	0	24	0	12	
St. Joseph	7	0	63	0	42	0	21	
Sangre Grande Line.	Tunapuna	9	0	81	0	54	0	27
	Tacarigua	10	0	90	0	60	0	30
	Arouca	12	1	80	0	72	0	36
	Dabadie	14	1	26	0	84	0	42
	Arima	16	1	44	0	96	0	48
	Guanapo	19	1	71	1	14	0	57
	Cumuto	23	2	7	1	38	0	69
	Guaico	28	2	42	1	58	0	83
	Sangre Grande	29	2	46	1	61	0	84
	Caroni	11	0	99	0	66	0	33
Cunupia	14	1	26	0	84	0	42	
Caparo Branch.	Jerningham Junct.	15	1	35	0	90	0	45
	Longdenville	18	1	62	1	8	0	54
	Todd's Road	21	1	89	1	26	0	63
	Caparo*	23	2	7	1	38	0	69
	Brasso Caparo*	27	2	35	1	55	0	80
	Tabaquite	30	2	52	1	62	0	86
	Brothers Road	34	2	75	1	73	0	95
	San Pedro Trace	39	3	00	1	85	1	06
	Rio Claro	43	3	23	1	94	1	14
Chaguanas	18	1	62	1	8	0	54	
Carapichaima	21	1	89	1	26	0	63	
Couva	25	2	25	1	50	0	75	
California	27	2	35	1	55	0	80	
Claxton Bay	30	2	52	1	62	0	86	
Pointe-à-Pierre	32	2	63	1	67	0	90	
San Fernando	35	2	79	1	74	0	97	
Corinth	38	2	96	1	82	1	04	
Dèbè	43	3	23	1	94	1	14	
Penal	46	3	45	2	07	1	23	
Siparia	51	3	83	2	30	1	35	
Princes Town Line.	Union	35	2	79	1	74	0	97
	Reform	37	2	90	1	79	1	2
	Williamsville	39	3	0	1	85	1	6
	Princes Town	43	3	23	1	94	1	14

* Caparo fares apply to Brasso Piedra, and Brasso Caparo fares to Flanagin Town.

The steamer depots are in telephonic communication with Port of Spain, *via* San Fernando, and public messages may be sent by telegraph from all railway stations, with a few unimportant exceptions. A service of local trains runs from Port of Spain to Tacarigua (ten miles on the Arima line) at short intervals throughout the day. Twice daily the trains go as far as Arima.

Regular steamer communication with Tobago is maintained by coastal steamers of the Royal Mail Steam Packet Company, which run in connection with the transatlantic mail steamers. The steamers now on this route are the *Barima* and the *Belize*, two new vessels built on the lines of the inter-colonial steamers specially for the service. The itinerary of the steamers is as follows :

In the Week of Arrival of Transatlantic Steamer from Home

Monday, midnight. A steamer leaves Port of Spain for Blanchisseuse, Matelot, Grande Riviere, Sans Souci, Toco and Scarborough (Tobago); thence *via* Manzanilla, Mayaro, Guayaguayare, Moruga and Erin, back to Port of Spain, reaching there on Friday night.

Tuesday, 6 P.M. A steamer leaves Port of Spain for Toco and Scarborough; thence round Tobago, going east, back to Scarborough, which she leaves again at 8 P.M. on Thursday for Port of Spain, reaching there at 6 A.M. on Friday.

Friday, 8 P.M. A steamer leaves Port of Spain for Scarborough direct, arriving at 6 A.M. on Saturday. She returns at 10 P.M., *via* Toco and the north coast ports, arriving at Port of Spain on Sunday afternoon.

In the Week of Departure of Transatlantic Steamer for Home

Monday, 10 P.M. A steamer proceeds round Trinidad, going south to Erin, Moruga, Guayaguayare, Mayaro, Manzanilla, and thence to Scarborough.

Monday, 8 P.M. A steamer proceeds from Port of Spain to Scarborough direct, and thence round Tobago, going west, and leaving Scarborough at 8 P.M. on Thursday for Port of Spain direct, arriving there at 6 A.M. on Friday.

The inclusive fare for the trip round Trinidad or Tobago by either steamer is \$10 (£2 1s. 8d.).

To those wishing to see the Orinoco River, opportunity is afforded by the comfortable river boats of the Compan

Anonima di Navegacion fluvial y Costañesa de Venezuela, which connect at Port of Spain with the Royal Mail steamers, and proceed every week to Ciudad Bolivar, whence smaller boats convey such passengers as may desire to proceed farther, to the upper reaches of the river.

SPORTS. Cricket is deservedly popular. The Queen's Park Cricket Club, which has a membership of 400, occupies a large and enclosed ground beautifully situated, with an extensive pavilion and visitors' stand. The club, of which the Governor is president, also affords opportunities for lawn-tennis, boxing, and athletics. The Trinidad Turf Club, affiliated to the Jockey Club of England, holds race meetings at midsummer and in December, which attract very large crowds to the picturesque course on the Savannah. Several minor meetings are held in the country during the year, one always taking place between Christmas and New Year's Day; apart from the very fair sport to be enjoyed, the assemblage of so many races in quaint costumes in the Queen's Park is a sight well worth witnessing. The St. Andrew's Golf Club has a large membership and well-kept links on the Savannah. Football is played continuously during the cooler months; and for votaries of lawn-tennis there is the Tranquillity Tennis Club, which has courts near the Queen's Park Hotel, and also the St. James's Tennis Club, with courts on the Savannah near St. James's barracks. Bathing, tarpon and other kinds of fishing, cycling, and sailing can also be indulged in. Plenty of tarpon are to be caught in Macqueripe Bay, and the sea fishing in the Bocas is excellent. One hundred and sixteen different kinds of fish are found in Trinidad waters, of which eighty-five are food fishes and thirty-one are not used for food. Cavalli or carangue, tarpon or grand écaille, king-fish or tasard, and the barracouta are the most highly prized by sportsmen. Alligators are found in the Caroni River, two miles from Port of Spain, and flamingoes and several kinds of wild duck give good sport for the gun. In a word, there is no lack of sport in Trinidad.

SOCIAL CLUBS. There are three excellent social clubs to which visitors are admitted on introduction by members,

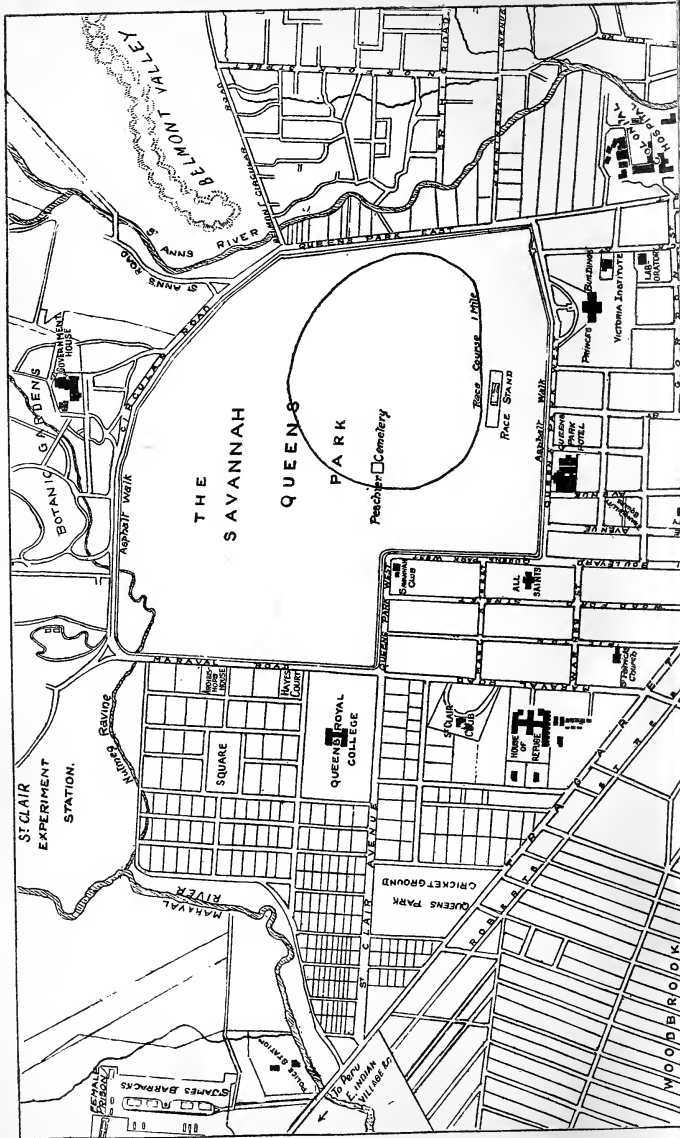
the Union in Marine Square, founded in 1878, the Savannah, in the position indicated by its name, and the St. Clair, near the Savannah. The St. Clair Club, to which ladies as well as gentlemen are admitted, has extensive grounds, where lawn-tennis and croquet are played. The Public Library occupies a handsome building in Brunswick Square. There is a large and well-stocked free reading-room, and a library containing 25,000 volumes, which is open daily (Sundays excepted) from 8 A.M. till 9 P.M. Subscription, 12s. or £1 per annum, for two or four volumes, payable yearly, quarterly, or monthly.

PRINCIPAL SIGHTS. There is a great deal to be seen in **Port of Spain** and the neighbourhood. The town, which has been characterised as the cleanest and most sanitary in the West Indies, occupies the site of the old Indian village Conquerabia. It is well built, and the streets, which are well proportioned, are lighted by electricity. The **Commercial News Room** adjoins the Harbour Master's Office on the site of the old battery which was on the sea front before the foreshore was reclaimed.

From the wharves—where the Customs' formalities are of the slightest so far as visitors are concerned—St. Vincent, Abercromby and Chacon Streets, and Broadway, which all run parallel to each other, lead to **Marine Square**, really more a spacious boulevard than a square in the proper sense of the term. It was established by Sir Ralph Woodford on land reclaimed from the Gulf, and extends from St. Vincent Wharf at the west to the Roman Catholic Cathedral at the east. The **Roman Catholic Cathedral** (the Church of the Immaculate Conception) is a Gothic building situated in Marine Square. Like the Anglican Cathedral, it was designed by Mr. Reinagle and erected at the instance of Sir Ralph Woodford, in memory of whom it contains a mural tablet by Chantrey. The foundation-stone was laid on March 26, 1816, but the Cathedral was not opened until April 15 (Palm Sunday), 1832.

The **Colonial Bank** and the **Royal Bank of Canada** are both in Marine Square, the latter occupying a building at the corner of Broadway (*see next page*).

In **Columbus Square** to the east of the Roman



BELMONT VALLEY
ST ANNS RIVER
ST ANNS ROAD

THE SAVANNAH QUEEN'S PARK

Peabody Cemetery

TENNIS COURSE 1 MILE
RACE SPAND

BOTANIC GARDENS
GOVERNMENT HOUSE

HOSPITAL
VICTORIA INSTITUTE
LABORATORY

ST CLAIR EXPERIMENT STATION.

NIMROD'S RAVINE

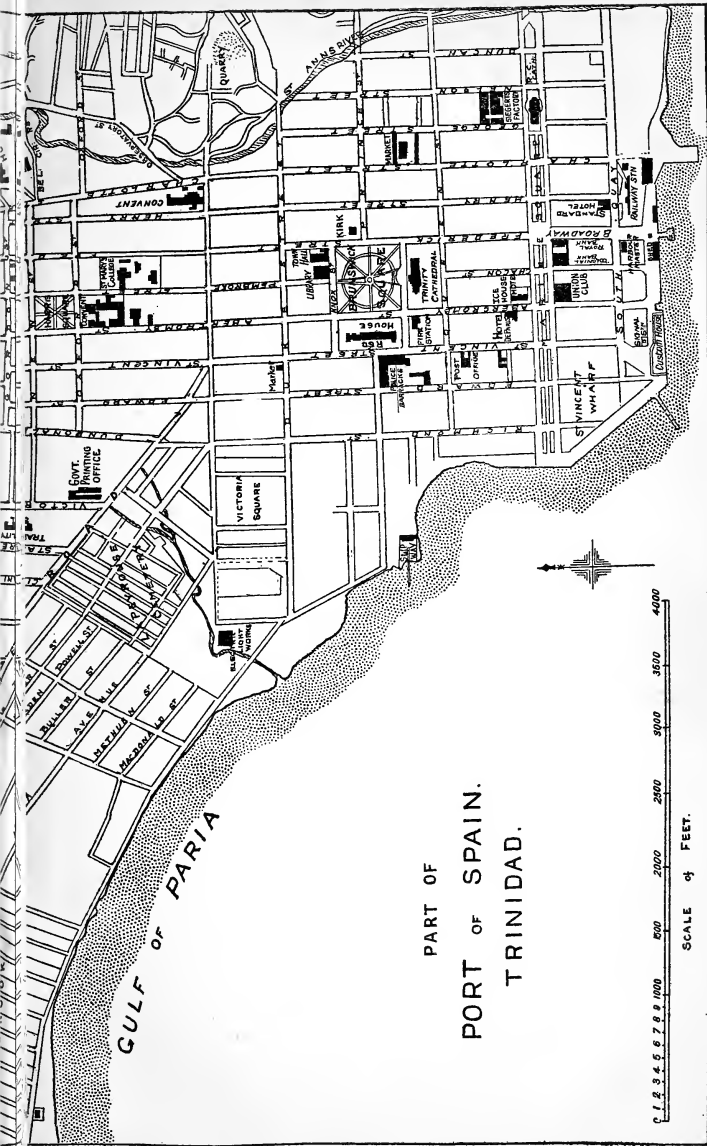
SQUARE
QUEEN'S ROYAL COLLEGE

ALL SAINTS
QUEEN'S PARK HOTEL
FRENCH CHURCH

SEAL PRISON
SPAIN'S BARRACKS
HOUSE STATION

ST CLAIR AVENUE
WOODBROOK

QUEEN'S PARK CRICKET GROUND
HOUSE OF REFUGE
SQUAIR CLUB



PART OF
 PORT OF SPAIN,
 TRINIDAD.



Catholic Cathedral there is a handsome fountain surmounted by a statue of Christopher Columbus, which was presented to the town by one of its citizens, Mr. Hippolite Borde, and unveiled in 1881, when the square was opened. It is inscribed :

CRISTOFORO COLOMBO
DISCOVERER OF THE ISLAND, 31 JULY, 1498.

In Harris Square, between Marine Square and the Savannah, a statue perpetuates the memory of Lord Harris, Governor from 1846 to 1854.

Near the foot of the old Almond Walk, now widened and called by the less romantic name of **Broadway**, are the **Railway Station** and electric **Tram terminus**.

Port of Spain has excellent **Stores**, as the shops are called, built of stone or concrete, with lantern roofs and ornamental iron galleries ; and every conceivable necessity of life can be obtained in Frederick Street and Marine Square. The **General Post Office** in St. Vincent Street is open from 7 A.M. to 5 P.M. ; on Saturdays from 7 A.M. to noon ; and on Sundays and public holidays from 7 A.M. to 8 A.M.

Proceeding up Abercromby or Frederick Streets, one reaches **Brunswick Square**, an open space laid out by Governor Sir Ralph Woodford at his own expense. In the middle of it a fountain presented by the late Mr. Gregor Turnbull is a centre of interest. The Square is said to occupy the site of an engagement between two tribes of Indians, and for this reason it used to be called the Place des Ames—the Place of the Souls. On the west side of it is the **Red House**, or Government Building. It was burnt down during a riot on March 23, 1903, but has since been rebuilt on a greatly enlarged scale, and now forms quite the most imposing structure in the British West Indies. The new Government offices were completed, and the various departments moved into them from the temporary offices, which they occupied for over three years, in October 1906. The new offices are commodious and airy, and afford ample space and facilities for the storage of records. The principal Court of Justice at the southern end of the buildings

and the Legislative Council Chamber, which occupies the northern extremity, are particularly handsome halls, the decoration of which reflects credit on local workmen. Immediately opposite, on the east side, is the **Greyfriars Presbyterian Church**, while on the south side stands the handsome **Holy Trinity Cathedral** (Anglican). The Cathedral was erected during the governorship of Sir Ralph Woodford from the designs of Mr. Philip Reinagle, a son of the artist. The foundation-stone was laid on May 30, 1816, and the building was consecrated on Trinity Sunday, May 25, 1823. A monument by Chantrey to Sir Ralph, who did for Trinidad much what Haussman did for Paris in the matter of improvements, is in the south aisle. It is inscribed :

SIR RALPH WOODFORD BARONET
FOR FIFTEEN YEARS GOVERNOR OF THE COLONY AND
FOUNDER OF THIS CHURCH WHO WAS BORN ON THE
21ST JULY 1784 AND DIED ON THE 16TH MAY 1828,
THE INHABITANTS OF TRINIDAD
DEEPLY SENSIBLE OF THE SUBSTANTIAL BENEFIT
WHICH HIS LONG ADMINISTRATION OF THE GOVERNMENT
CONFERRED UPON THE COLONY AND OF THE IRREPARABLE]
LOSS WHICH THEY SUSTAINED BY HIS DEATH
HAVE CAUSED THIS MONUMENT TO BE ERECTED
AS A LASTING MEMORIAL OF HIS MANY PUBLIC AND
PRIVATE VIRTUES AND
OF THEIR RESPECT AND GRATITUDE.

The high altar and choir stalls of carved mahogany and cedar are excellent examples of West Indian workmanship. The marble reredos was erected by public subscription as a memorial to Bishop Hayes (1889 to 1904) and was dedicated in 1911. A chiming apparatus is attached to the peal of eight bells, the gift of Bishop Rawle. On the north side of the square are the **City Commissioners Offices**, which contain oil paintings of General Picton and of several other governors of Trinidad, and the **Public Library**, which was opened 1851 and has now upwards of 25,000 volumes. The present building was opened in 1902. The **Police Barracks** close by are a substantial building erected in Italian Gothic style at a cost of £90,000.

Near the top of **Frederick Street** on the left is the

Government Laboratory, which replaces a building dating from 1872 destroyed by fire in 1896. Farther up the street (left) is the Royal Victoria Institute erected to commemorate Queen Victoria's Jubilee, and opened in 1892. It was considerably enlarged in 1901 by the addition of the memorial wing to Queen Victoria, and again in 1913 by one to King Edward. The latter was opened by Princess Marie Louise of Schleswig-Holstein, who at the same time announced that King George had consented to the Institute receiving the designation "Royal." It contains an interesting museum of local products and natural history specimens, in addition to lecture rooms, reading and recreation rooms, and an entertainment hall. It is managed by a Committee and subsidised by the local Government; and educational, art, and industrial classes have been successfully organised in connection with it. The latter are conducted by the Board of Industrial Training in a well-equipped building generously presented by the late Mr. B. H. Stephens and his brother, Mr. J. Stephens. In front of the Institute is an anchor which was recovered from the depths of the Gulf and is supposed to have belonged to one of Columbus' ships.

The **Savannah**, known as Queen's Park, an extensive open space of nearly 130 acres, is the centre of life in Trinidad, round which is the fashionable residential quarter. It has few trees except round the edge, but a clump of cabbage palms, popularly known as the Seven Sisters, forms a particularly noticeable feature. Near the centre is the small private cemetery of the Peschier family. The Savannah is covered with grass, on which golf, cricket, football, and other games are played. It is here also that the racecourse, with its stands, is situated. This pleasure-ground, round the inside of which the electric trams run, is fringed with villas and mansions, several of which would not look out of place in Park Lane, and it is surrounded by an asphalt path—called the Pitch Walk—which presents an animated appearance in the cool of the evening when the rank and fashion of Trinidad take their airing. The fireflies after dark are very numerous and strikingly beautiful.

Queen's Royal College, on the west side of Queen's

Park, is a very handsome building, designed and built by the Public Works Department of Trinidad, to which it does infinite credit. It was opened on March 24, 1904, by the then Governor, Sir Alfred Moloney. The college, whose students vary in age from nine to twenty years, has a spacious lecture hall and several class-rooms. Founded in 1859 under the name of the Queen's Collegiate School, as the Government Department for higher education in the colony, its sphere of influence was extended in 1870, when it was first called Queen's Royal College by permission of Queen Victoria. The clock and chimes in the tower were the gift of Mr. W. Gordon Gordon, a prominent citizen, to commemorate the reign of King Edward VII.

The **St. Clair Experiment Station**, which was established in 1898, is situated at the north-west corner of the Savannah between the Maraval and Serpentine Roads and not far from the ground of the Queen's Park Cricket Club.

Government House stands at the foot of the hills at St. Ann's on the north or far side of the Savannah, which it overlooks. It is a substantial building of limestone, erected in 1875, on the Indian model, from designs by Mr. Ferguson, at a cost of £45,000. Its surroundings are very attractive, for it stands in the world-famous **Botanic Gardens**, to which Charles Kingsley devoted so many pages of glowing description in "At Last." They were established under the direction of Mr. David Lockhart in 1820, and enriched by plants from the historic St. Vincent Garden three years later. When Kingsley visited Trinidad in 1869 the old Government House had been destroyed, and the Governor, Sir Arthur Gordon—afterwards Lord Stanmore—with whom he stayed, lived in a cottage just outside the gardens, the remains of which can still be seen.

The Gardens were formerly the sole domain under the charge of the Botanic Department, now merged in the Department of Agriculture. But as they proved too small for the double purpose of amassing a collection of tropical plants and the carrying out of experimental work, the closely adjacent St. Clair Experiment Station was added in 1898. In it are now situated the offices, herbarium, library, meteorological instruments, a seismograph for



GIANT BAMBOOS, TRINIDAD

This magnificent clump of Bamboos (*Bambusa gigantea*) is over 100 ft. high



recording earthquakes, and the nursery. Small-scale experiments are carried out at St. Clair; but with the modern development of the Department all large-scale experiments have been transferred to St. Augustine Estate (adjoining the Government Farm at St. Joseph) and at River Estate (on the way to Blue Basin), permission to visit which is readily given on application to the Director of Agriculture.

Government House Gardens, now set free from more utilitarian purposes, are being developed as a store-house of tropical plants arranged with more regard to ornamental effect than was possible in their former more crowded condition. The following are amongst the more noteworthy objects of interest to the visitor with a short time at his disposal: The front lawns near the bandstand with their beds of decorative tropical plants; the adjacent fernery; the collection of palms, in which the Gardens are rich, including not only native species but also introductions such as the oil palm of West Africa (*Elæis guineensis*), the talipot of Ceylon (*Corypha umbraculifera*), the date palms and other species of *Phœnix*; the graceful bamboos, including the old clump of the magnificent giant bamboo of Java (*Dendrocalamus giganteus*); the curious screw pines (*Pandanus* spp.) supported on their curious stilt roots; and the native cannon-ball tree (*Couroupita guianensis*). Masses of colour are provided in season by the flamboyante tree (*Poinciana regia*), the Queen of Flowers (*Lagerstrœmia flos-reginæ*), the wonderful Burmese *Amherstia nobilis*, the tree Cassias, such climbers as the gorgeous bougainvilleas, the Shower of Gold (*Bignonia*), and the beautiful white and gold *Camœnsia maxima* near the Fern Houses. Amongst the shrubs the crotons, hibiscus, and poinsettias, cannot fail to delight the visitor from temperate regions. Scattered about the gardens are numerous examples of the umbrella-shaped saman or rain-tree (*Pithecolobium saman*), the finest example being one by the west corner of Government House. The Nutmeg Ravine affords a delightfully shady walk, along which are to be seen specimens of the panama hat plant (*Carludovica palmata*) and the vegetable ivory palm (*Phytelephas macrocarpa*). By the far end of the Nutmeg

Ravine is a fine collection of palms, mostly native, and the fern and orchid houses, surrounded by more beds of ornamental plants. Amongst recent interesting additions to the Gardens are young trees of the handsome *Colevillea racemosa* and the Indian laburnum (*Cassia fistula*), planted by H.R.H. Prince Albert of Wales and H.H. Princess Marie Louise of Schleswig-Holstein during their visits in 1913. The back of the Gardens contains several pleasant walks, and every one should take one of the paths up the hill to the "Look-out," or Folly, a shelter at an elevation of about 300 feet, whence there is a splendid panoramic view over Port of Spain, the Gulf, and away over the Caroni swamp to San Fernando Hill, a conspicuous object in the distance to the left.

The Constabulary Band plays in the Gardens on Wednesdays and Sundays from 5 P.M. to dusk, and once a month, at about full moon, in the evening.

At the upper end of Charlotte Street (right) is the **Colonial Hospital**, which occupies a handsome block of buildings standing in spacious grounds.

Prince's Building, in a small Savannah to the south of Queen's Park, was erected in 1861 in anticipation of a visit by H.R.H. the Duke of Edinburgh, which never took place. It is now used for theatricals, concerts, dances, &c.

A delightful afternoon drive may be taken through **Cocorite** to Carenage and back along the coast, affording a fine view of the sunset over the Five Islands. About four miles beyond Carenage is Macqueripe Bay, a favourite resort of picnic parties.

COUNTRY EXCURSIONS

The **Maraval Reservoirs** ($4\frac{1}{2}$ miles from Port of Spain), which, together with the Diego Martin Waterworks, are the main source of water-supply of the city, are a pleasant afternoon's drive. The reservoirs, which are scrupulously clean and surrounded by bright-coloured crotons, oleanders and ferns, are by no means unpicturesque.

The **Blue Basin** at Diego Martin is 9 miles from Port of Spain (3 hours by carriage or $1-1\frac{1}{2}$ by motor there and back). The beginning of the drive is through the interesting

East Indian village of Peru, and thence up the Diego Martin valley. **Fort George**, near Peru, but 1120 ft. above the sea-level, commands a splendid view of Port of Spain, the Gulf, and Venezuela beyond. Fort George, now a signal station, was built in 1805 by Governor Sir Thomas Hislop. It proved the ruin of a wealthy merchant named George Dickson, who spent a fortune of £80,000 in defending himself against charges of committing irregularities in connection with the supply of materials, before he was acquitted. It was to this fort that the merchants of Port of Spain took their books and valuables when Nelson's Fleet was mistaken for that of Villeneuve, which he was pursuing immediately before the battle of Trafalgar. At one part the Diego Martin valley opens out into a flat plain, which formerly used to be under sugar-canes, but is now for the most part quite uncultivated. The plain has an evil reputation, having been the scene of no fewer than four blood-curdling murders, the last having been when a priest was brutally murdered and was found tied to a tree. About a mile this side of the Blue Basin are situated the new Waterworks, which were formally inaugurated in 1907. The **River Estate** was acquired by the Government in 1897 in order to protect the sources of water-supply. The lower portion is now cultivated as a cacao estate in charge of the Department of Agriculture. It occupies a natural amphitheatre of timber-covered hills with an opening to the south. On this ridge are situated the North Post signalling station and wireless telegraphy station. At the head of the valley conveyances stop, and visitors proceed afoot up a winding mountain path for about half a mile. The Blue Basin is a small lake, forty or fifty yards in diameter, into which a waterfall precipitates itself in a slanting direction from the midst of dense tropical foliage. Visitors can generally depute a small boy to bathe in the limpid waters (if one of the party does not care to do so himself), and thus form the foreground to a striking picture for the camera.

To the **Saddle** (18 miles from Port of Spain), a pass in the mountain range dividing the Maraval and Santa Cruz valleys, is a splendid ride or drive through some of the oldest cacao estates in the island.

The **Maracas Fall** (340 ft. in height) is far finer than the Blue Basin, but the expedition to it requires a full day. The Maracas Fall is, of course, seen at its best in the rainy season, but at any time of the year it is noteworthy. The water falls over a perpendicular wall of solid rock 340 ft. high, splitting itself in the air, and thus producing a constant shower. The rock is covered with mosses and ferns and tropical plants of every description. It is reached by train to St. Joseph (7 miles), and thence by carriage ($7\frac{1}{2}$ miles), through very characteristic scenery and many cocoa plantations, in the direction of El Tucuche, one of the two highest peaks in Trinidad, which is about 4 miles beyond the fall.

The sleepy little town of **St. Joseph**, the former capital of the island, founded as far back as 1577 and called after Don Josef de Oruña, a former Governor, was the scene of the mutiny of free black recruits of the West India Regiment under Donald Stewart or Dâaga on June 17, 1837, of which a graphic description is given in E. L. Joseph's "History of Trinidad." Many of the mutineers were shot on the spot where the convent now stands. The barracks were situated on the Savannah beyond the church, the main buildings were on the left of the road and the parade ground on the right. Dâaga, who was the adopted son of the King of the Paupaus, a savage African race, was captured by some Portuguese by treachery while he was transferring to them some slaves whom he had taken during a predatory expedition. The Portuguese vessel on which he was entrapped fell into the hands of the British and he and many other captured Africans were induced to enlist in the West India Regiment. Dâaga nurtured in his heart deep hatred against all white people and he it was who persuaded the recruits to rise. Happily they were unskilled in the use of firearms; otherwise the bloodshed—about forty lives were lost—would have been far greater. Many deeds of valour were done, not the least of which was the ride of Adjutant Bently from the Officers' Quarters to the Barracks under a rain of bullets. Happily the mutiny was suppressed and after a court-martial Donald Stewart, Maurice Ogston, and Edward

Coffin, the three ringleaders, were executed before the barracks.

The mutineers marched abreast. The tall form and horrid looks of Dâaga were almost appalling. The looks of Ogston were sullen, calm and determined; those of Coffin seemed to indicate resignation.

At eight o'clock they arrived at the spot where three graves were dug; here their coffins were deposited. The condemned men were made to face to westward. Three sides of a hollow square were formed, flanked on one side by a detachment of the 89th Regiment and a party of artillery, while the recruits (many of whom shared the guilt of the culprits) were appropriately placed in the line opposite them. The firing-party were a little in advance of the recruits.

The sentence of the Courts Martial and other necessary documents having been read by the Fort Adjutant, Meehan, the chaplain of the forces, read some prayers appropriated for these melancholy occasions. The clergyman then shook hands with the three men about to be sent into another state of existence. Dâaga and Ogston coolly gave their hands; Coffin wrang the chaplain's hand affectionately, saying, in tolerable English, "I am now done with the world."

The arms of the condemned men, as has been before stated, were bound, but in such a manner as to allow them to bring their hands to their heads. Their night-caps were drawn over their eyes. Coffin allowed his to remain, but Ogston and Dâaga pushed theirs up again. The former did this calmly; the latter showed great wrath, seeming to think himself insulted, and his deep metallic voice sounded in anger above that of the Provost Marshal, as the latter gave the words "Ready! Present!" But at this instant his vociferous daring forsook him. As the men levelled their muskets at him, with inconceivable rapidity he sprang bodily round, still preserving his squatting posture, and received the fire from behind; while the less noisy, but more brave, Ogston, looked the firing party full in the face as they discharged their fatal volley.

In one instant all three fell dead, almost all the balls of the firing-party having taken effect. The savage appearance and manner of Dâaga excited awe, admiration was felt for the calm bravery of Ogston, while Edward Coffin's fate excited commiseration.

The town has several churches, that of the Roman Catholics being noteworthy on account of some very old stained-glass windows. In the churchyard is the curious old tomb of the Farfan family. Near by are the **Government Stock Farm** and the St. Augustine Estate, where the large-scale experiment work of the Department of Agricul-

ture is carried on. Permits to visit both can be obtained from the Department. In the drawing-room of the former residence, "Valsayn," Don Josef Maria Chacon, the last Spanish Governor, signed the treaty of capitulation to the English in 1797. Sir Ralph Abercromby and Admiral Harvey were the English representatives, and the Mayor, Don José Mazan, was also present. His portrait and that of his wife are shown. It was through the orchard that Sir Walter Raleigh and his men approached when they burnt the town in 1595. The Stock Farm, now 350 acres in extent, was originally started in 1879 at St. Clair, and was removed to its present site in 1901. Here some fine Zebu cattle can be seen. The Royal Palm near the manager's office was one of two planted by Prince Albert Victor and Prince George (our present King) when they visited Trinidad in the *Bacchante* in 1880.

St. Augustine Estate, also at St. Joseph, was purchased by the Government in 1900. It is administered by the Department of Agriculture. Here cultivation and manurial experiments are conducted.

In the **Montserrat** district, reached by train to Claxton Bay (30 miles, 1 $\frac{3}{4}$ hours from Port of Spain), the chief object of interest, besides the many cocoa estates, is the Black Virgin in the small church of Nôtre Dame de Montserrat at Tortuga. It is a wooden figure of the Madonna and Child, which was imported by Mr. Joaquim Colomer from Spain, and, though her features are not those of a negress, her face and hands are quite black. There is also another Black Virgin in Trinidad, at a church in Siparia, near La Brea, and it is said that she was taken into Port of Spain by a priest, but that, like the Bambino of the Ara Cœli, in Rome, she found her way back to her original home. The view from Montserrat is at all times exquisite; but it is seen at its best when the Bois Immortel (*Erythrina umbrosa*) is in bloom. This tree, which is planted to shade the cocoa trees and is consequently called "madre de cacao," is in January and February ablaze with a brick-red flower.

San Fernando, the second town of the island (35 miles from Port of Spain, two hours by train), was founded by Chacon in 1712 and named after the son of Carlos IV of

Spain, who afterwards became Ferdinand VII. It is situated on the slopes of a hill of cretaceous formation, which stands out by itself near the sea in the undulating Naparima district, the principal sugar-growing part of the island. From this centre several **Sugar Estates** and factories may be visited. They include the Usine St. Madeleine of the St. Madeleine Sugar Company Ltd. (4 miles from San Fernando) and La Fortunée Estate, belonging to Tennants Estates Ltd. All are equipped with modern machinery of a very elaborate character, and they are in striking contrast in this respect to many of the estates in neighbouring islands. The Usine St. Madeleine is an immense building resembling a railway station rather than a sugar factory. It was the first central factory erected in the British West Indies, having been founded in 1870 by the Colonial (later the New Colonial) Company at the instance of Sir Nevile Lubbock, who was also responsible for the development of cane farming, a system by which peasant proprietors grow sugar-canes and deliver them when ripe to the factory. The principle of the central factory system, in which the future of the West Indian sugar industry is believed to lie, is the grouping together of a number of estates whose sugar-canes are ground at one central base, with the result that a considerable saving of expense is effected. The canes are brought to the factory by locomotives over railways, of which there are some 60 miles running through or in communication with the estates which feed this particular Usine. There are now nearly 12,000 prosperous cane farmers in the neighbourhood, of whom more than half are East Indians.

Princes Town (8 miles by rail, and 7 by road from San Fernando) is chiefly worthy of notice on account of the mud volcanoes 5 or 6 miles to the south-east of it, which, however, it must be admitted, are rather disappointing, although they are now considered to indicate the presence of oil in the strata below, which a company will soon endeavour to exploit. The mud volcanoes are excrescences on the surface of a bare muddy flat, from which muddy water and gas ooze. Occasionally the little

volcanoes are very active ; but they have never done any harm. The residents in the neighbourhood call the place "the Devil's Wood-yard." Prior to a visit of his Majesty King George, who was then Prince George of Wales, and his brother Prince Albert Victor, during their cruise in the *Bacchante* in 1880, the town was known as the Mission, having formerly been, like Arima, a spot where the missionaries worked among the original Indian inhabitants. Two Poui trees planted by the young Princes in the churchyard are pointed out to visitors. The railings which surround them were put up in 1887 to commemorate Queen Victoria's Jubilee.

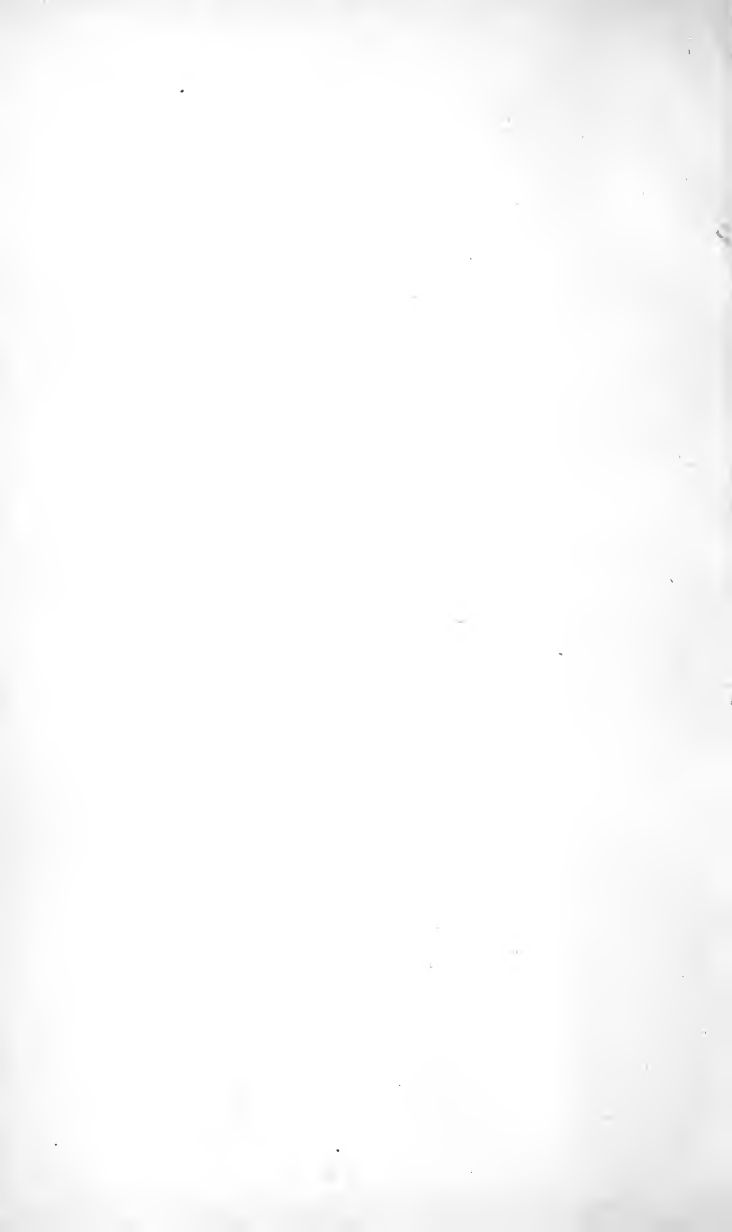
The **Pitch Lake** at La Brea is reached by Gulf steamer from Port of Spain or by train to San Fernando, and thence by steamer, the expedition occupying a whole day. To go to Trinidad without visiting the Pitch Lake would be like going to Rome without entering St. Peter's. The lake is a vast deposit of bituminous matter, 114 acres in extent. The surface, except for small wooded islands, is bare of vegetation and hard enough to bear foot traffic and also carts, while by the aid of a sort of corduroy road made of palm branches, it supports a cable tramway. The pitch is dug out and loaded into buckets which are carried by cars on the tramway. These buckets, suspended on a cable, are conveyed by a system of telferage along a jetty known as "Brighton Pier," whence the pitch is shipped to all parts of the world. It is possible to pick up masses of the pitch and to mould it into shapes without soiling one's hands, the pitch being mixed with grit and not pure ; and almost as fast as it is dug out, fresh material works itself in by natural pressure from the sides and from below. The lake is at present leased to the New Trinidad Lake Asphalt Co. Ltd., who export on the average about 200,000 tons of pitch annually. Mr. Arthur W. Sewall, the Chairman of the Company, and the majority of the Board are Philadelphians, while Mr. H. F. Previt  is the London director. The origin of the deposit has caused no little discussion, but the best opinion seems to be that the asphalt is a carboniferous deposit formed under the influence of petroleum which has escaped from the oil sands beneath. The lake



GUAYAGUAYARE BEACH, TRINIDAD
A delightful drive in buggies can be enjoyed on the sands



THE PITCH LAKE AT LA BREA, TRINIDAD
It is quite safe to walk on the pitch, over which runnels of water trickle



itself, owing to the absorption of the sun's rays, is one of the hottest spots in the world, while it is peculiarly subject to sudden showers of cold rain. The white employees of the company used to reside on Brighton Pier, which consequently resembled a lake village. Now, however, the whole forest has been cut down and they are accommodated in a group of charming houses which looks quite like a garden suburb. Near by are seen the huge oil tanks. A peculiarity of the spot is the presence of a singularly unattractive breed of pelicans. There is a tradition that the village of a tribe of the Chaimas occupied the spot where the Pitch Lake now is. These Indians offended the Good Spirit by destroying the humming-birds, which were animated by the souls of their deceased relations, and were therefore, as a punishment, engulfed with their village and all their belongings.

The whole of this district has undergone a remarkable change in recent years as a result of the development of the local petroleum industry. Permission can readily be obtained to inspect the oil wells, tanks and pipe-lines.

The **Manjak Mines**, near San Fernando (35 miles by train from Port of Spain), will interest many. They are said to contain the largest deposits of this mineral yet discovered. Manjak is a form of bitumen in a solid and very pure state. It is used principally for electric insulation, and in the manufacture of varnish and enamel.

The **Guayaguayare Oil-Fields** should also be seen if time permits. They can be reached by the contract coasting steamer of the Royal Mail Steam Packet Co., which proceeds round the island once a week. The north-east trade-wind, fresh from across 2500 miles of ocean, blows uninterruptedly straight upon the **East Coast**, lashing the shallow sea into foaming breakers for more than a mile out. The shore for sixteen miles is lined with waving coco-nut trees extending to the very edge of, and sometimes on to, the sandy beach itself, the whole forming, as it suddenly breaks upon the eye, the marvellous panorama of life, sound, and colour which Kingsley pictured forty-five years ago. The existence of the Cocal, as it is called, is attributed to a French vessel laden with coco-nuts having been wrecked

on the coast many years ago. Many of the nuts took root, grew and multiplied.

The train to Sangre Grande (29 miles from Port of Spain) takes visitors to within a few miles of the more northerly part of the east coast (Bande de L'Est) and carriages and motor-buses are always available to convey passengers from the railway station for the rest of the journey. Here there is a glorious expanse of sands, and the conditions of scenery and climate closely resemble those prevailing on the Guayaguayare beach.

The Five Islands, near Port of Spain, and Gasparee, Monos, and Chacachacare at the Bocas, form ideal picnic resorts, which are much frequented from Saturday to Monday. They are visited by the Gulf steamer four times a week. The chief residences are La Tinta, Boissiere's, Rust's and La Haute on Chacachacare; Wehekind's on Huevos; and Domus, Balmoral, Morrison, Protheroe's Copper Hole, Grand Forest, Pampelonne's and Kenny's on Monos; and on Gasparee, Pointe Baleine, Fort Dragon, St. Mary's, Acham's, Herrera's, Bourne's, Sorzano's, Boda's, Goodwille's, Savary's, Bombshell Bay, and Gamble's. In Chaguaramas Bay, opposite Gasparee, a **Floating dock**, formerly owned by the Trinidad Dock and Engineering Company, but now the property of the local Government, is moored. It has an over-all length of 365 ft., an inside width of 56 ft. and can lift ships of 4000 tons.

On **Gasparee**, or Gaspar Grande, there are some very remarkable stalagmitic caves which rival the Blue Grotto of Capri for beauty. They are situated at Pointe Baleine, the western extremity. A boat can be hired at St. Mary's, where the Gulf steamer calls four times a week, and the boatman or a watchman is generally ready to act as guide. A walk of twenty minutes through bush and guinea-grass leads to the entrance of the big cave. The descent is made by crude ladders. The caves have never been fully explored, but it is said that they were used as a treasure store by the buccaneers.

Trinidad is essentially an island for a prolonged stay, and not a few who visit it avail themselves of the opportunities which it affords for the profitable investment of capital.

TOBAGO

Robinson Crusoe's Island

GENERAL ASPECT. If for no other reason than that it is the island from which Defoe drew his descriptions for his immortal work, "Robinson Crusoe," Tobago—which at one period of its existence was called New Walcheren—has a peculiar fascination and charm. It lies in latitude $11^{\circ} 9' N.$ and longitude $60^{\circ} 12' W.$, about 75 miles south-east of Grenada and only about 20 miles north-east of Trinidad, the actual distance between Scarborough, its chief town, and Port of Spain being 70 miles, and the nearest points in the two islands Point Petit and Point Galera respectively. The island, of which the population at last census was 20,762, is 26 miles long and $7\frac{1}{2}$ miles wide at its greatest breadth, and has a total area of $114\frac{1}{2}$ square miles. Unlike its neighbours, it lies east and west. As regards the geological formation of the island, it may be noted that Mr. Cunningham Craig, the late Government Geologist, has observed that the northern range of Trinidad is entirely formed of metamorphic rocks and is part of the same massif which forms almost the whole of Tobago. A main ridge of hills 18 miles in length runs down the centre of the northern portion, culminating in Pigeon Hill (Spey-side), which is 1900 to 2000 ft. above the sea. Long deep valleys run up to it from either side, divided from each other by spurs which branch off from the main ridge. These valleys are very fertile, each having its own stream. The principal river is the Courland in the north-west, named after the Viking Duke who in the seventeenth century exercised almost sovereign sway in Tobago. The central portion is undulating, with little valleys and conical hills, and the south end is quite flat. About 53,000 acres are owned privately; 6360 acres in the north are set apart as a rain and forest reserve, and the remaining 13,640 acres are Crown lands available for sale. The chief areas of cultivation are on the south side, on which the slopes of the hills are less steep than in the north. Scarborough (population 2500), the capital of Tobago, is situated at the

south of the island, about eight miles from the south-west point. The only other town is Plymouth, really only a village (population 1200), on the north side, five miles from Scarborough. The principal villages are Roxburgh in the Windward district and Moriah in the northern. Around the coast there are many excellent bays, most of which are well sheltered and afford safe anchorage with deep soundings. Indeed, Man-o'-War Bay, a very spacious harbour, is said to be capable of affording shelter to the whole of the British fleet! What is most wanted for Tobago is the introduction of capital and labour; given that, there should be no reason why this beautiful island should not regain a large portion at least of its former prosperity. A hopeful feature is the number of new settlers from the Old Country who have lately acquired plantations in different parts of the island.

INDUSTRIES. The soil of Tobago is fertile and capable of producing a variety of tropical products. Sugar is no longer the staple of the island, cocoa, coco-nuts, rubber, coffee, and nutmegs having now taken its place. The largest cocoa plantations are in the Windward district and at Roxburgh, where the latest developments in cocoa cultivation and preparation may be seen. What is known as the contract system is frequently adopted in the establishment of a cocoa estate. The land is given out to contractors in parcels of three to five acres for a term of years—usually five. The contractor has entire possession of the land during that period, reaps the ground provisions, and plants it in cocoa. At the expiration of the contract, the trees are counted, and a fixed price, usually 1s., is paid for each full-bearing tree, 6d. for each tree not full bearing but over three years of age, and 3d. for each tree between one year and three years. These agreements are dealt with under the Agricultural Contracts Ordinance and a statutory form of contract has been established. Rubber (*Castilloa elastica* and *Hevea brasiliensis*) has been planted to a considerable extent, and this product, now that it has begun to reach the "tappable" stage, should add materially to the welfare of the island. Limes are also being planted, the soil being very suitable for citrus cultivation. Tobacco is produced to a small extent in the Leeward district, and is used locally

for pipe smoking. Cotton is also grown in the flat lands of the Leeward district, and Thornton's hybrid, a local product, has given excellent crops, but stainers and other pests have hindered the progress of this important industry. An impetus has been given to the raising of stock by the establishment of the Government Stock Farm.

CLIMATE. The climate of Tobago is delightful. The mean temperature is 80° Fahr., but owing to the extensive seaboard, the heat is nearly always tempered by a cool sea breeze. This is particularly the case in the dry season, from December to June. In the wet season, especially during the months of August and September, the heat is sometimes oppressive owing to the stillness of the moisture-laden atmosphere. The rainfall varies very much in different parts of the island. In the southern portion it does not exceed 60 inches in the year, and land in that part occasionally suffers from drought, through its having been almost entirely denuded of forest in order to make room for the cultivation of the sugar-cane. In the central and Windward districts, the rainfall varies from 85 to 95 inches, and in some parts of the northern district it exceeds 100 inches. The island is outside the hurricane zone. The birth-rate is 24 and the death-rate 19 per 1000, but over 45 per cent. of the deaths are those of children under five years of age.

HISTORY. It would require many pages to record fully the history of Tobago, for the island has changed hands more often than any other in the West Indies. It is believed that when it was first discovered by Columbus in 1498, it was an uninhabited island. Some colonists from Barbados effected its first settlement in 1625, but there are writers who say that the English flag was first hoisted over it as early as 1580. In 1628 the island was included in the grant made by Charles I to the Earl of Montgomery, but the first settlers were attacked by Caribs from the mainland or the neighbouring islands, and many were killed, those who escaped settling on the island of New Providence. Four years later 200 Zeelanders from Flushing landed, but within a year they too were driven away by the Indians, who were goaded on by the Spanish. In 1642 James, Duke

of Courland, sent out two shiploads of settlers, who were followed in 1654 by Dutch colonists, collected by two Flushing merchants, who established themselves on the southern coast. A dispute soon arose between the two groups of settlers, and in 1658 the Courlanders were completely overpowered by the Dutch, who remained in sole possession of the whole island until 1662. In that year the Dutchman Cornelius Lampsius, one of the founders of their colony, was created Baron of Tobago and proprietor of the island as a Dutch dependency under title from the Crown of France. In 1664 the grant of the island to the Duke of Courland was renewed. The Dutch refused to recognise his title, and in 1666 the island was captured by privateers from Jamaica. A small garrison was left, but within a year it was compelled to surrender to a few Frenchmen from Grenada, who in their turn abandoned the colony in 1667, leaving the Dutch in possession. In 1672 Sir Tobias Bridges, with troops from Barbados, broke up the Dutch settlement; but the Dutch returned, only to be defeated by a French fleet under Count D'Estrées after one unsuccessful attack in 1677. Louis XIV restored the island to the Duke of Courland, who in 1682 transferred his title to a company of London merchants. In 1748 the island was declared neutral by the Treaty of Aix-la-Chapelle. From 1762, when it was captured by our forces, to 1781 Tobago was in the hands of the British; but in the latter year the colony capitulated to the French under the Marquis de Bouillé, and in 1783 it was ceded to France. Ten years later it was retaken by the English, but again restored to France by the peace of Amiens in 1802. In 1803, however, it was recaptured by Hood, and it was ceded to England in 1814, since which date it has remained a British colony.

CONSTITUTION. By an Order in Council of October 20, 1898, it was provided that the island of Tobago should become a ward of the united colony of Trinidad and Tobago; that the revenue, expenditure, and debt of Tobago should be merged in those of the united colony; that the debt due from Tobago to Trinidad should be cancelled; that (with some specified exceptions) the laws of Trinidad should operate in Tobago, and those of Tobago cease to

operate so far as they conflicted with the laws of Trinidad ; and that all future ordinances of the Legislature of the colony should extend to Tobago, with the proviso that the Legislature should be able to enact special and local ordinances and regulations applicable to Tobago as distinguished from the rest of the colony. This Order in Council was brought into effect from January 1, 1899, by a proclamation of the Governor issued on December 8, 1898. The post of Commissioner, the officer who formerly administered the government, ceased to exist, and the post of Warden and Magistrate was created. By a Proclamation in 1913 the title of Commissioner was given to the Warden.

HOTELS. Tobago has no hotels properly speaking ; but at **Scarborough** there are several boarding-houses, including *Fairfield* ($\frac{3}{4}$ mile from the landing-stage) and *Peru Cottage*, the terms for board and lodging at which are 8s. 4d. per day or according to arrangement. At convenient distances throughout the island there are Government "Rest Houses." Permission to use them can usually be obtained from the Commissioner or District Officers.

MEANS OF COMMUNICATION. Tobago has no direct steamship communication with the mother country and Europe. There is, however, weekly communication between the island and Trinidad by the Royal Mail Steam Packet Company's steamers *Barima* and *Belize*, which run once a week from Port of Spain, Trinidad, to Scarborough, and then round Tobago and back to Port of Spain, with an extra trip once a fortnight direct between Port of Spain and Scarborough to bring the English mail (see page 220). Nearly all the roads were originally made by the French during their occupation, and were more remarkable for their skilful tracery than for the condition of their surface, which left much to be desired. One can now drive all over the Leeward district and as far as Charlotteville (28 miles), Man-o'-War Bay. A driving-road all round the island is now being made, and although the numerous bends and occasional watercourses render them rather risky for motor-cars, the main roads are quite good for two- and four-wheeled carriages and bicycles. The roads across the island are driveable for part of the way, and the

bridle-tracks will in time be made into driving-roads. Good riding-horses can be hired for 2s. per hour, 6s. per day, or £1 os. 10*d.* per week; and dog-carts and buggies can be engaged for 10s. to 25s. per day.

SPORTS. There is a lawn-tennis club at Burleigh Castle, near Scarborough, to which visitors are welcomed. Cricket is played by the Tobago Cricket Club. The sea bathing is good and may be indulged in with perfect safety and without fear of sharks or treacherous currents, and the same applies to boating. Fish is abundant in river and sea, the most appreciated being snapper, king-fish, grouper, and Spanish mackerel. Eels are plentiful, and also lobsters, crabs, crayfish, oysters, and several kinds of turtle. Deer and game birds are abundant. Among the latter is the cocorico, a bird which resembles the English pheasant, and is believed to be peculiar to this island. Tobago is also visited by migratory birds, including plovers and Ramie pigeons. The birds of plumage are superior to those of any of the other islands. Into the small island known as Little Tobago, off "Speyside," Sir William Ingram, the owner, has successfully introduced Birds of Paradise.

SOCIAL CLUB. The members of the Union Club at Scarborough extend hospitality to visitors suitably introduced.

PRINCIPAL SIGHTS. The little town of Scarborough, which succeeded Georgetown as capital in 1769, was formerly called Port Louis. It is picturesquely situated at the base of a hill 425 ft. high overlooking the harbour of the same name, once called Rockly Bay. In 1790 during a mutiny of the French Garrison the town was destroyed by fire. At the top of the hill is the old **Fort King George**, where the ruins of barracks, military hospitals, &c., remain to testify to its former importance. The old barrack square is now the radio-telegraphy station, and on the brow facing Trinidad stands the lighthouse. A charming view of the surrounding country can be obtained from this spot. The old Dutch and French forts, the buildings of which have long since been levelled to the ground, were quite near by. The principal buildings in Scarborough are the Government

offices, police barracks, Anglican, Wesleyan, and Roman Catholic churches, Court-house, Royal Gaol, and Colonial Hospital.

Government House, where the Governor and Judges reside on their periodic visits, is $\frac{1}{2}$ mile from Scarborough. The **Government Stock Farm**, established with the object of improving the breed of stock in the island, overlooks the harbour. The **Botanic Station** near the landing-stage deserves a visit. It was established on an abandoned sugar estate called "Dealfair."

The **Petit Trous Beach**, where the races are held, is a lovely flat stretch about three miles from Scarborough, and quite close at hand a London syndicate prospected for oil, of which there are frequent surface indications.

The expedition to **Robinson Crusoe's Cave**, 10 miles from Scarborough to the west, which is very interesting, requires a full day. In this trip may be included the **Buccoo Reef**, which at low tide is a wonderful storehouse of beautiful shells; the adjoining Lagoon at Bonaccord Estate is a favourite spot for boating and fishing.

A visit to the **Mason Hall** and **Big River Falls** to the north of the island takes half a day. There are many rides which can be enjoyed in the country through romantic scenery, and also round the island, halts being made by permission of the Warden at various rest-houses *en route*.

At a distance of about $1\frac{1}{2}$ miles from the north-eastern end of Tobago is the island of **Little Tobago**, now the property of Sir William Ingram. The rocks in the channel between it and the main island are known collectively as **Goat Island**. Little Tobago is about a mile long and has a total area of about 400 or 500 acres. It is clothed with dense tropical vegetation from the water side to the summit of its hills, which rise to a height of 490 ft. above the sea level. It was into this island that Sir William Ingram introduced Birds of Paradise (*Paradisca apoda*) from the Aru Islands, Dutch New Guinea, in 1909. The island was once the home of an old hermit named Mitchell, who was marooned upon it. The descendants of the fowls which he kept are still to be found in the island in their wild state.

Writing of Tobago in 1683, Captain John Poyntz said :

Thou art here presented with The Present Prospect of the Island of Tobago, about forty Leagues distant from Barbadoes ; but far excelling that Island, and indeed any other of the Caribbee-Islands, in the Fertility and Richness of the Soil, and in the Commodiousness of its Bays and Harbors : and it is no paradox to affirm, That though it lies more south, the Air is as Cool and Refreshing as that of Barbadoes : and yet Exempted from those affrighting and destructive Hurricanes that have been often Fatal to the rest of the Caribbee-Islands. . . . And I am perswaded that there is no Island in America, that can afford us more ample Subjects to contemplate the Bounty and Goodness of our Great Creator in than this of Tobago ; And this, I speak not by hearsay, or as one that has liv'd always at home ; but as one that has had Experience of the World, and been in the greatest part of the Caribbee-Islands, and most parts of the Continent of America, and almost all His Majesties Forreign Plantations ; And after having view'd them all, have chosen this Island of Tobago to take up my *quietus est* in.

Though Captain Poyntz, whose object was to attract capital to the island, was not guiltless of the fault common to most company promoters—that of drawing the long bow—it must be admitted that this part of his description of Tobago is remarkably accurate.

CHAPTER X

THE WINDWARD ISLANDS

GRENADA

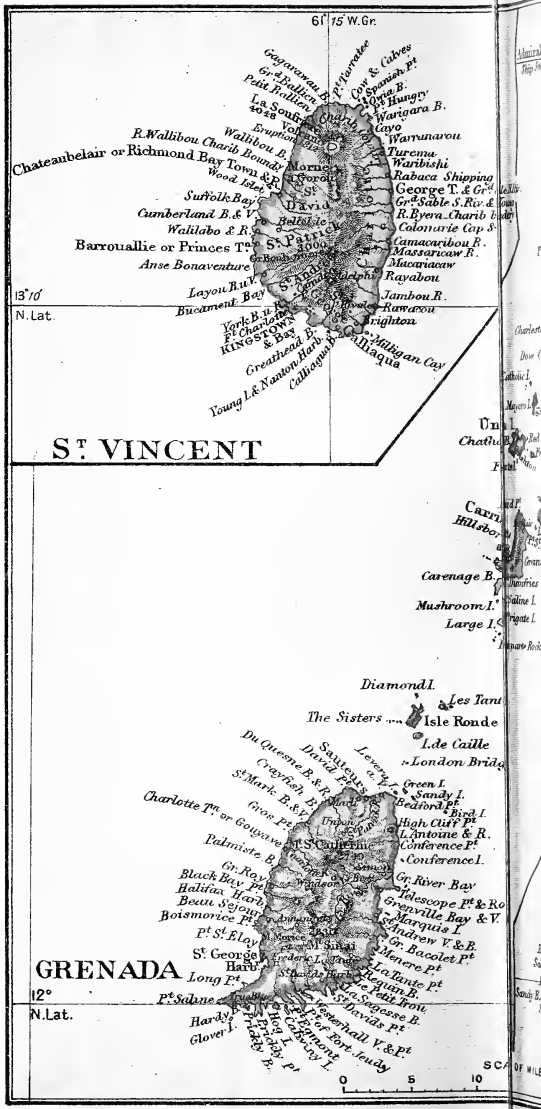
"Clavitor e tenebris"

The Colony's Motto

GENERAL ASPECT. Grenada, the most southerly of the Windward Islands and the seat of government of that British colony, lies in latitude $12^{\circ} 5' N.$ and longitude $61^{\circ} 40' W.$, 90 miles to the north of Trinidad, 68 miles south-south-west of St. Vincent, and 100 miles south-west of Barbados. It is about 21 miles long and 12 miles broad, its total area being 120 square miles, or about half the size of Middlesex, and its population 59,864, or 500 to the square mile. The island is very mountainous, and is only equalled by Dominica for the beauty of its scenery. The highest points are Mount St. Catherine, 2749 ft., from which spurs branch off, forming valleys of great beauty and fertility, Mount Sinai (2300 ft.) and the mountain over the Grand Etang (2014 ft.). Along the east and south-east coast the mountains gradually slope off to the sea, but on the whole of the west coast the mountains run sheer down. The island is purely volcanic in its origin, the chief centres of eruption appearing to have been in the neighbourhood of Mount St. Catherine and the Grand Etang, a mountain lake 1740 ft. above the sea, which undoubtedly occupies an extinct volcanic crater. Grenada is abundantly watered, being intersected in every direction by streams of the purest description. The principal river, the Great River, rises near the Grand Etang, and takes a north-easterly course, entering the sea to the north of Grenville

Bay. The island is divided into six parishes—St. George, St. David, St. Andrew, St. Patrick, St. Mark, and St. John. The town of St. George's, the capital, which has a population of 4916, is situated on a peninsula towards the southern end of the west coast, which shelters an almost land-locked harbour known as the Carenage. Grenville, the town next in size, is situated at the head of a bay of the same name in the middle of the windward coast; Gouyave stands on the shore of an open roadstead on the west coast about twelve miles from St. George's; and at the extreme north of the island is the small village of Sauteurs. The roads of the island, though good, are of course very hilly. Under the Government of Grenada are Carriacou and those of the Grenadines adjacent and to the south of it, which are administered by a resident Commissioner. Carriacou, twenty miles to the north of Grenada, is 8467 acres in extent. It is very mountainous, though its hills, which have been almost entirely deforested, are lower than those of Grenada. There are no streams in the island and the water-supply is derived from wells. High North, 980 ft., is the highest point, and Chapeau Carré, 960 ft., is the next highest. The extensive natural harbour called Grand Carenage is famed for its oysters which grow on the roots of the mangrove-trees. Grenada's other dependencies are Diamond Island, or "Kick-em-Jenny," as it is popularly called, Islet Ronde, Les Tantes, Isle de Caille, and Levera, Green, Bird, Conference, Marquis, Bacolet, Adam, Caliviny, Hog and Glover islands; while round Carriacou there are Petit Martinique—so called because the French found snakes there similar to those in its larger namesake—Petit Tobago and Saline, Frigate, Large, Mabouya, Sandy and Jack Adam islands. "Kick-em-Jenny" in particular is generally pointed out to visitors owing to its peculiar name, which is probably a corruption of "Cay qui gêne," the Cay or island which bothers one; for the sea is often very rough in the neighbourhood.

INDUSTRIES. Grenada is entirely dependent for its prosperity on agriculture. Barely enough sugar is produced to meet the requirements of the inhabitants, the principal article of export being cocoa, the cultivation of



61° 15' W. Gr.

13° 10'

N. Lat.

ST VINCENT

GRENADA

12°

N. Lat.

0 5 10

SCALE OF MILES

61° WGr.

13°

N.Lat.

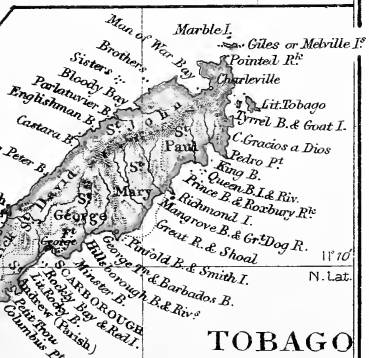
Admiralty Bay
Ship Stern
P^t Brute
Fauville B.
BEQUIA

Grand B.
S.E. Bay
Pigeon I.
I. Quatre
Petit Nevis
Battoria
Baliceaux
Pillories
Cheltenham
Grand Bay
Mustique
Petit Mustique

Petit Cannouan, THE Savan I.
GRENADINES

Maho B.
Charlestown B.
Dove Cay
Cannouan
Catholic I.
Mayero I.
Tobago Cays
World's End Reef
Red I.
Prune I.

Lit. St. Vincent
Lit. Martinique
Lit. Tobago
P. St. Helaire
Grand Bay
Anfries
Maline I.
Sigate I.
Barte Rocks



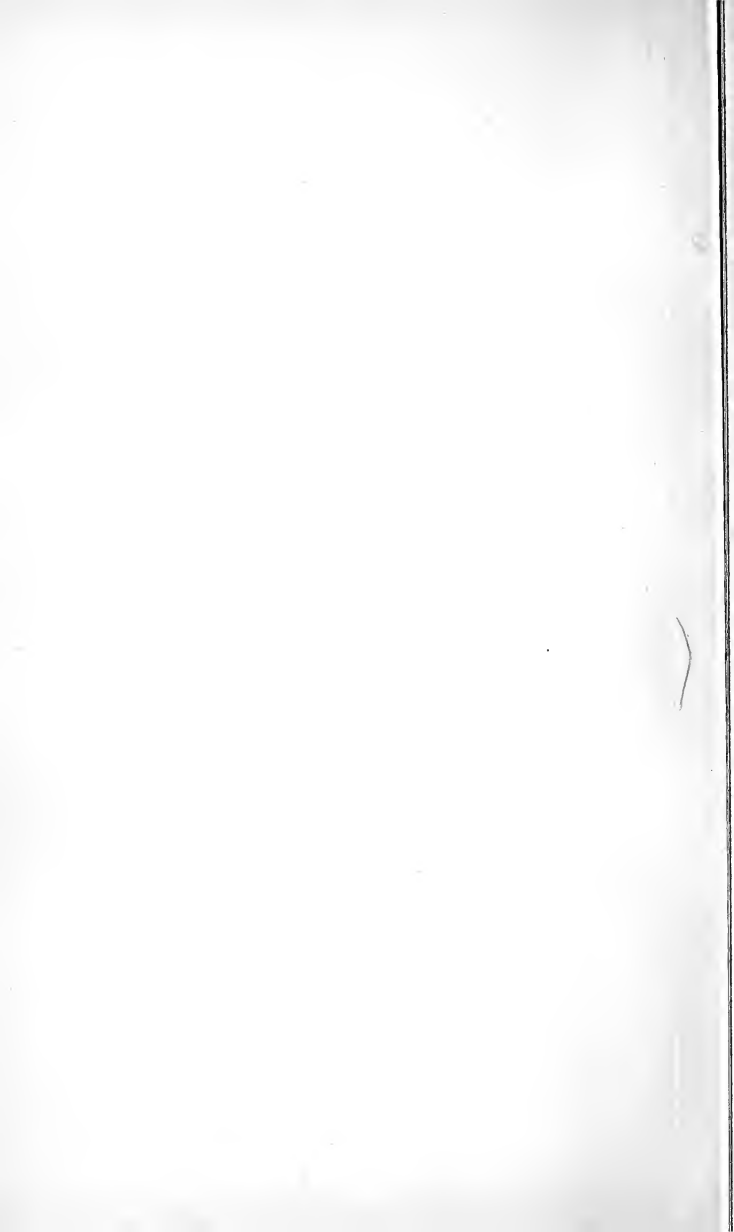
11° 10'

N. Lat.

TOBAGO

60° 40' WGr.

SCALE OF MILES
20 30



which has largely increased in recent years. Except when the plants are young very little shade is used in Grenada, experience having shown that in this island cocoa does better when protected from the wind, but exposed to the full sunlight. Otherwise the methods of cultivation resemble those followed in Trinidad and elsewhere (*see page 451*). Spices come next in importance, the shipments of nutmegs and mace being so considerable in quantity and so excellent in quality that the island is often called the "Spice Island of the West." Nutmeg cultivation was first started by the late Hon. Frank Gurney on Belvidere—the estate owned by the rebel Julien Fédon—in the early eighties, and rapidly spread. Coffee, coco-nuts, and kola are also exported, and rubber (*Hevea*) cultivation is steadily increasing. Cloves grow luxuriantly, but the knowledge of their preparation for market has not yet been imparted to the planter, and consequently they are not cultivated on a commercial scale. The few sugar-works still standing are mainly concerned with the manufacture of rum, the local consumption of which is about 60,000 gallons annually. Cattle, sheep, and horses are bred in the island with success. The soils of Grenada are rich, and have been compared with those of Java for fertility. In Carriacou the cultivation of cotton of the Marie Galante variety has never been abandoned.

The principal exports in the year 1912 were as follows :

	Cwt.	Value.
Cocoa	101,843	£225,317
Nutmegs.. ..	12,215	21,738
Mace	2,283	15,041
Cotton	3,395	9,019

The direction of trade in the same year was :

	Imports.	Exports.
United Kingdom ..	£113,910	£169,762
British Possessions ..	61,947	12,421
Foreign Countries ..	104,018	103,407

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table on next page giving its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	£	£	£	£
1903-4 .	70,250	70,101	235,440	203,565
1904-5 .	68,993	69,509	256,269	321,766
1905-6 .	69,954	71,968	237,256	283,955
1906-7 .	71,786	70,379	223,448	210,149
1907-8 .	79,871	68,383	288,665	417,289
1908-9 .	73,182	72,661	303,783	359,245
1909-10 .	71,224	73,282	268,236	284,846
1910-11 .	81,413	75,561	279,236	291,760
1911-12 .	98,645	81,012	309,227	264,640
1912-13 .	86,393	84,093	279,875	285,590

CLIMATE. The climate of Grenada is equable and healthy. The heaviest rains fall in September and November, but the precipitations last on and off from May until the end of the year. The average annual rainfall is 80 inches, but in the interior it is nearly twice as much. The island is practically free from hurricanes, there having been four occasions only on which it is known to have been visited by gales of hurricane strength. Near the sea-level the maximum mean temperature is 90° Fahr., and the minimum 68° Fahr., but in the mountains it often falls below 60° Fahr. The average birth-rate is 41 and the death-rate only 21 per 1000.

HISTORY. It is not known when Grenada received its present name, but it was first called Concepcion by Columbus, who discovered it in 1498 on his third journey. In 1609 an attempt was made by a company of London merchants to colonise the island, but in less than a year they were driven off by the Caribs. The island was included in the possessions of the French Company of the Islands of America, and in 1650 Du Parquet, the Governor of Martinique, who was a nephew of D'Esnameuc, the first French coloniser in the West Indies, having purchased Grenada, started for it immediately with 200 men, and, having taken formal possession, built a fort there and founded the colony. The settlers, who were at first well received, soon quarrelled with the Caribs; but with the aid of reinforcements from

Martinique, the Indians were exterminated. On the northern coast the Morne des Sauteurs is still shown, where many of the Caribs leapt into the sea in order to escape from their enemies. Du Parquet, now in full possession of the island, did not find it profitable, and so in 1656 he sold it to Count de Cerillac for about £1890. The latter appointed as Governor a man "of brutal manners," who oppressed the colonists to such an extent that he was tried and condemned to be hanged. By pleading that he was of noble origin he managed, however, to get the sentence altered to one of beheadal, but no skilful executioner being available, he was at last shot at the summit of the hill on the Grand Etang road. De Cerillac sold the island in 1665 to the French West India Company, and on the dissolution of that organisation at the end of the year 1674 it passed to the French Crown. It remained in the possession of France until 1762, when it capitulated to Great Britain, to whom it was formally ceded in the following year. In 1779 it was recaptured by a French fleet under Count d'Estaing, Hospital Hill being stormed and captured by a strong force under Count Dillon, but it was restored to Great Britain by the Treaty of Versailles of 1783. The year 1795 was a critical one in the history of Grenada. In it began what was known as the Brigands' War, the notorious French republican, Victor Hugues, making a determined effort to regain possession of the island by bringing about an insurrection of the French inhabitants and the slaves. The outbreak began soon after midnight of March 2, when Julien Fédon, a coloured planter, entered Grenville with a party of rebels and massacred the inhabitants. The victims were dragged from their beds and shot in the streets, their bodies being mutilated in an atrocious manner. Stores were robbed and private dwellings pillaged. Simultaneously an attack was made on Charlotte Town or Gouyave by another party, which captured a large number of prisoners. The Lieutenant-Governor, Ninian Home, was at his estate, Paraclete in St. Andrew's, when news of the disaster reached him, and he decided at once to return to St. George's by way of Sauteurs. At La Fortune estate he went aboard a sloop : but unfortunately for him, on arriving off Charlotte

Town he was fired at from the fort, and seeing at the same time several vessels which he took for French privateers off Palmiste, as well as canoes at Maran Bay, he deemed it best to go ashore. No sooner had he landed than he was made a prisoner and marched off to Fédon's headquarters, though the captain of the sloop managed to reach St. George's in safety. Poor Home was treated with the utmost indignity until April 8, when his sufferings came to an end and he, with forty-seven other prisoners, was massacred while an attack was being made by the British on Fédon's camp, the Champ La Mort, Fédon, who was enraged at his brother having been killed, himself giving the order to fire in each case. It was not until June in the following year that the rising was suppressed by Sir Ralph Abercromby, who had in the meanwhile assumed the chief military command in the West Indies. The entire cost of the rebellion was £230,000, and the losses of the inhabitants were estimated at £2,500,000

CONSTITUTION. Grenada is the headquarters of the Government of the Windward Islands, which also include St. Lucia, St. Vincent, and the Grenadines. Each island retains its own institutions, and, when the Governor is absent, is presided over by a resident Administrator, who is also Colonial Secretary. There is no common legislature, and no general laws, revenue, or tariff. There is, however, a common Court of Appeal, which was constituted in 1859, and consists of the Chief Justices of the several islands and of Barbados. The colonies have united for sundry other common purposes. A common audit system was instituted in 1889. Grenada has an Executive Council, and a Legislative Council consisting of six official members, besides the Governor, and seven unofficial members nominated by the Crown.

Governors of the Windward Islands since 1897

Sir C. A. Moloney, K.C.M.G.	.	.	.	1897
Sir Robert Llewelyn, K.C.M.G..	.	.	.	1900
Sir Ralph Williams, K.C.M.G.	.	.	.	1906
Sir James Hayes Sadler, K.C.M.G., C.B.	.	.	.	1909
	.	.	.	1914

HOTELS. **St. George's.** The *Home Hotel* in Young and Monckton Streets, within fifty yards of the wharf, is clean and comfortable. It is built in the Italian style, with rooms opening on to galleries overlooking a courtyard, and it has a ballroom and a billiard saloon. The tariff of charges is quite moderate—Rooms, light, and attendance 2s. 6d., board and lodging 8s. 4d. per day. At the *Douglas Hotel* in Government Street, near the Anglican Church, the charges are about the same. At the *Grand Etang* there is a Government Rest House and a small Sanatorium conducted by the proprietors of the Home Hotel. The tariff of charges is the same as that at the hotel—Breakfast 2s. 6d., luncheon 1s. to 2s. 6d., dinner 3s. The principal building at the *Quarantine Station* (twelve bedrooms and one sitting-room) can be rented by approved persons when not in use,—6s. for the first day and 3s. for each subsequent day not exceeding a fortnight. **Grenville.** The “*Nest*” is the only hotel in St. Andrew's Parish (charges as above). **Gouyave.** The *Gouyave Hotel* is well spoken of.

MEANS OF COMMUNICATION. Grenada is served by the steamship companies numbered 1, 7, 13 and 14 (see pages 14 to 27). The steamers go alongside the wharf at St. George's. The Home Hotel has livery stables, where horses and carriages can be obtained. Tariff: Single-horse carriage to seat two persons, 25s. per day; pair-horse carriage to seat three persons, 30s. per day. For the trip to the Grand Etang the charge for a carriage is £1 os. 10d. each person, or to boarders at the hotel, 12s. 6d. The minimum charge for a single-horse carriage for one person is 4s. per hour, for two persons 6s. per hour, and for a pair-horse carriage for three persons 8s. per hour. Good saddle horses can be obtained for 8s. per day, or by boarders, 6s. per day.

A mail coach plies regularly on week days between St. George's and Grenville *via* St. David's Court House. Fare, 5s. each way.

Under contract with the Government a coastal steamer of the Royal Mail Steam Packet Company (agents: Martin, Dean & Co., Young Street) plies daily between Sauteurs (7 A.M.), Victoria (7.45 A.M.), Gouyave (8.30 A.M.), and

St. George's (10 A.M.), returning from St. George's at 1.30 P.M., except on Monday, when the hour is 4 A.M., on Thursday when it is 12 noon, and on Friday, when it leaves at 2.30 P.M. On Saturday the steamer returns from Sauteurs to St. George's, arriving there about 7 P.M.

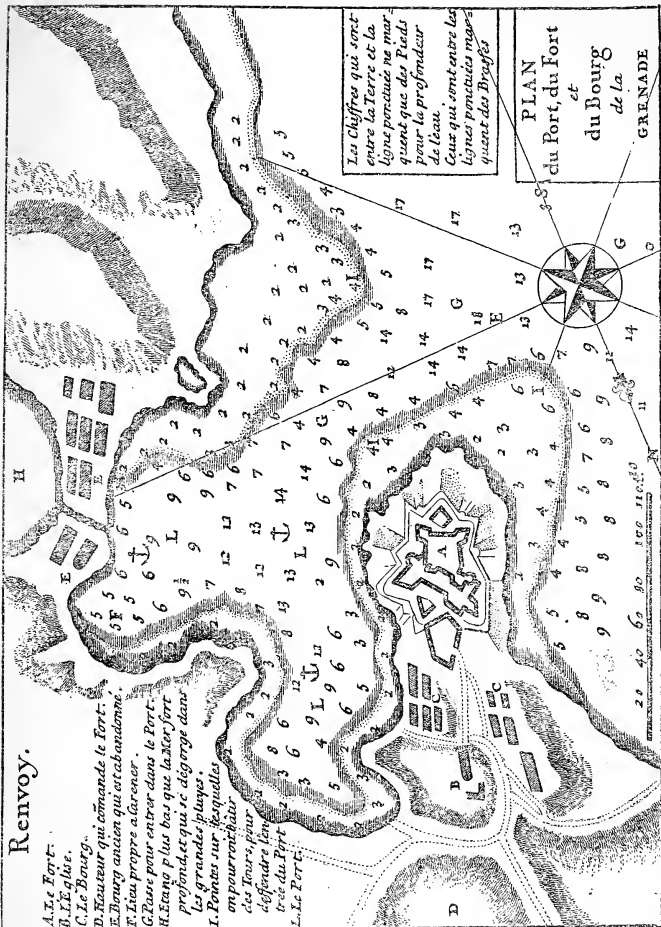
There is also a service twice weekly between St. George's, Requin Bay (St. David's), and Grenville by steamer leaving St. George's at 7.30 A.M. on Tuesday for Requin (9.30 A.M.) and Grenville (12 noon), and on Thursday at 8.30 A.M., calling at Gouyave, Victoria, and Sauteurs *en route*. The steamer leaves Grenville at 8 A.M. on Wednesday for Requin and St. George's (12.30 P.M.), and on Friday at 5.30 A.M., calling at Sauteurs, Victoria, and Gouyave. On Saturday a steamer leaves for Requin at 7 A.M., reaching there at 9.30 A.M. and returning at 12 noon.

A steamer plies weekly between St. George's and Carriacou (6 P.M.), leaving St. George's on Thursday (12 noon) and calling at Gouyave, Victoria and Sauteurs *en route*, and returning from Carriacou on Friday. This steamer connects at Hillsborough with a mail boat from St. Vincent *via* the Grenadines. Time and fares :

FROM ST. GEORGE'S

To	Hours.	First Class.		Second Class.			
		Single.	Return.	Single.	Return.		
		<i>s.</i>	<i>d.</i>	<i>s.</i>	<i>d.</i>	<i>s.</i>	<i>d.</i>
Gouyave . . .	1½	2	0	3	0	1	0
Victoria . . .	2¼	3	0	4	6	1	6
Sauteurs . . .	3½	4	0	6	0	2	6
Carriacou . . .	6	6	6	10	0	4	0
Requin . . .	2½	3	0	4	6	1	6
Grenville . . .	4½	6	0	9	0	3	6

SPORTS. The Grenada Cricket Club has a very picturesque ground a quarter of a mile from St. George's, where cricket and lawn-tennis are played. At Grande Ance Bay, which is reached by boat in fifteen minutes from the



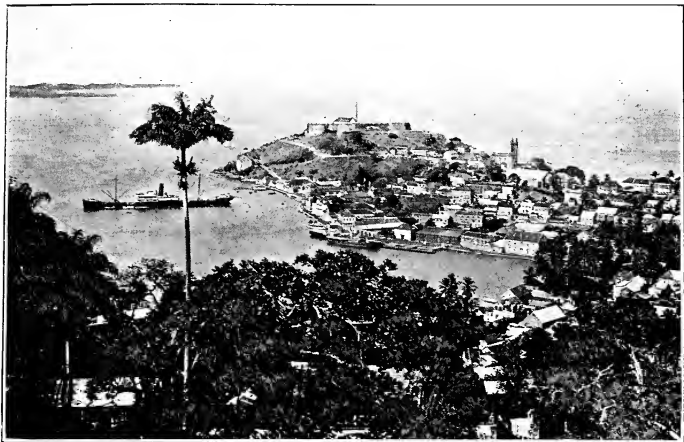
A PLAN OF THE CARENAGE, GRENADA, IN THE YEAR 1700

This plan, which is reproduced from the "Nouveau Voyage aux Isles de l'Amerique," by Père Labat, shows at E the site of the original French town Port Louis, on a strip of land extending across the mouth of the lagoon, which was then a lake, and is now an arm of the sea.

Carenage, there is a fine stretch of sandy beach, from which the bathing is perfect, while a delightful freshwater douche can be indulged in at the "Spout" in the Carenage. The roads are too hilly for cycling to any extent. Boats can be hired at the Carenage. The sea fishing is good, and the rivers can be fished for mullet, brochet, sard, and mud-fish. The natives use avocado pears, green grasshoppers, red bananas, and sometimes worms and cockroaches as bait. The Grenada Race Club, founded in 1895, holds annual meetings on a course at Grande Ance, and the St. Andrew's Racing Club (1897) holds flat races periodically. Rifle shooting is encouraged by the St. George's Rifle Club, founded in 1907.

SOCIAL CLUBS. The St. George's Club, which was opened in 1888 and faces the Carenage, is very hospitable to visitors. Close to it there is a Public Library and Reading-Room open from 10 A.M. to 9 P.M. on week days and on Sunday from 2 to 6 P.M., where the latest periodicals can be seen and books can be borrowed on payment of a shilling per quarter. The Grenada Club, in premises adjoining the Home Hotel, is also very hospitable. At Grenville there is the St. Andrew's Club, which was opened in 1901.

PRINCIPAL SIGHTS. The inner harbour of St. George's, which is called the Carenage from its having been in the old days a favourite place for careening ships, is exquisitely beautiful. Obviously of volcanic origin, it is almost surrounded by an amphitheatre of hills densely clothed with tropical vegetation. The entrance is exceedingly narrow and was formerly commanded by the guns of the Fort St. George at the south-western extremity of the promontory of the same name on the west, and Monckton's Redoubt on the east. Over the promontory straggles the picturesque town of St. George's, the red roofs of the houses forming an agreeable contrast to the rich green of the tropical foliage. On the eastern side of the Carenage is the "Ballast Ground." It was on a strip of land at the foot of this cliff and extending across the mouth of a sheet of water known as the Lagoon, then a lake of brackish water but now an arm of the sea, that the original French settlement, Port Louis, stood (*see page 253*). On the lower hills round



THE PROMONTORY OF ST. GEORGE'S, GRENADA
At the end of the promontory is the historic Fort George



PART OF ST. GEORGE'S, GRENADA
The picturesque and sun-flooded "Bay Town"

the Carenage is a chain of frowning forts—dismantled, it is true, for many years, but looking all the same very menacing. Beyond them rise mountains to a height of from two to three thousand feet, while in the foreground the deep blue of the water, dotted with the trim little white sloops which ply to St. Vincent and the Grenadines, completes a charming picture.

On November 18, 1867, a very remarkable occurrence took place in the Carenage. Between 5 and 5.20 P.M. the water suddenly subsided about 5 ft., exposing a reef, and the water over the "Green Hole," a spot between the Spout, the old watering-place for ships, and the opposite place on the north began to bubble furiously and to emit sulphurous fumes. The sea then rose 4 ft. above its usual level and rushed up to the head of the Carenage. This was repeated several times, and the Green Hole, which was very deep, was completely filled up. The wave rushed up the northern coast as far as Gouyave, and at Dougaldston the bridge at the mouth of the river was covered and the cane-fields inundated. Seismic phenomena were witnessed at the same time in St. Thomas and Little Saba.

The town of **St. George's** (population 4916) was established by the French during the governorship of M. de Bellair in 1705, when it was called Fort Royal. It received its present name during the administration of Governor Robert Melville (1764 to 1771), when an ordinance was passed which provided for the substitution of English for French names. St. George's is divided by a ridge or saddle of the hill crowned by three churches—Anglican, Roman Catholic, and Presbyterian; but the two parts described by Bryan Edwards as Carenage Town and Bay Town are now connected by a tunnel pierced at the instance of the then Governor, Mr. (afterwards Sir) Walter Sendall, whose name it bears. Lady Sendall ignited the first charge for its excavation by electricity, and the tunnel was completed in 1895. The western approach is called Bruce Street after Sir Charles Bruce, Governor from 1893 to 1897.

The **Post Office**, the **Public Library** (first opened in 1846) and the **Government Buildings** are situated on the wharf, adjacent to the public landing-place. At the Library

an interesting old map by M. de Caillus, "Engineer-General of the American Islands and Terra Firma," can be seen. It shows the position of the town and fort erected in 1705-6 and of the old capital Port Louis. The premises of the **St. George's Club** are also on the Carenage next to the Public Library and Government Offices. It was founded in 1888, and has at present a membership of about eighty. The chief local office of the **Colonial Bank** is in Government Street. The **Royal Bank** is in Young Street.

The **Parish Church** of St. George's contains a well-executed marble monument by Westmacott with medallions on either side, which was erected in 1799 by the Legislature of Grenada to the memory of Lieut.-Governor Ninian Home and the other inhabitants who were massacred during the insurrection on April 8, 1795, as well as to Captain Rogers and the officers and privates who lost their lives in the rebellion. It was in the rectory that Captain Marryat resided.

Fort George, at the south-western extremity of the promontory, was erected in 1705-6 from the designs and under the direction of M. de Caillus, and has long since been abandoned for military purposes. The view from it of the inner harbour or Carenage on the one side and the bluff leeward coast on the other, with part of the town of St. George's at the foot, renders it an excellent point of vantage for votaries of the sketch-book or camera. Since the withdrawal of the garrison the military barracks in the vicinity have been utilised as the Colony Hospital. The old Ordnance Store is now the Yaws Hospital, where patients suffering from the distressing complaint known as Yaws (*Frambæsia*)—now curable by salvarsan—are treated.

The **St. George's Market**, which is a few minutes' walk from the Carenage over the hill or through the Sendall Tunnel, is well worth a visit on Saturday during market hours. The **Hamilton Almshouse**, in Lucas Street, is a model of what such institutions should be.

The **Botanic Station**, which owes its inception to Dr. (now Sir) Daniel Morris, is situated at the foot of Richmond Hill, only five minutes distant by boat from St. George's. They were established in 1886, since which

year they have made rapid progress. Many valuable trees have been planted and the gardens have a nursery for the growth and distribution of plants. Beyond them is the **Quarantine Station**, a favourite resort for picnics.

At **Grand Ance Bay** (a row of about 15 minutes from the wharf; fare 1s. per person), to the south of St. George's, there is a stretch of sandy beach from which the most delightful sea-bathing can be enjoyed. The Government have provided a landing-stage, and the use of a bathing house can be had for a charge of 4*d.* per head. A second bathing house is reserved for the use of members of a local bathing club. Another favourite bathing-place is at the **Spout**, where ships watered in the old days. Here a fresh water douche can also be enjoyed from the old pipe-line.

Government House stands on the hillside overlooking the town and harbour. The view from the terrace is unsurpassed. On the Governor's reception day visitors are always made welcome. A road with an easy gradient leads to the **Hospital Hill Forts** on a plateau 400 ft. high adjoining the town on the north. Here the British under Sir George (afterwards Lord) Macartney made a brilliant stand against the French under Count d'Estaing in July 1779. The entire force of the island did not exceed 540 men, who, on the approach of the enemy, entrenched themselves at the summit of the hill. Here they were invested by d'Estaing at the head of no fewer than 3000 men who, however, only succeeded in carrying the lines after losing 300. The garrison retired to Fort St. George, where they were bombarded by the guns from Hospital Hill, which they unfortunately omitted to spike, and compelled to surrender. From **Richmond Hill** (20 minutes by carriage from St. George's along a good driving road), a long ridge 800 ft. high, on which was the headquarters of the troops when Grenada were garrisoned, a splendid view of the town and Carenage can be obtained. The hill, which was purchased by the local Government for £20,000 in the latter half of the **eighteenth century**, is studded with several forts which are now used by Government institutions. The old military

buildings in Fort Matthew have been converted into the lunatic asylum of Grenada and St. Vincent, while the adjacent barracks are now the Poor Asylum and Hospital for Incurables. The forts were begun by the French in 1780 on the land of Fort George estate, the property of Hon. William Lucas, and completed by the British, who compensated the former owner, in 1784.

A favourite excursion from St. George's is that to the **Grand Etang** (Large Pond), a large circular fresh-water lake $2\frac{1}{2}$ miles in circumference, 14 ft. deep, and 1740 ft. above the level of the sea ($6\frac{3}{4}$ miles from St. George's). The road is good, and the drive through cocoa and provision grounds and a wealth of tropical vegetation is a pretty one. The lake undoubtedly occupies the crater of an extinct volcano, like the larger Lake Antoine in the north-east of the island. The Grand Etang is approached by a macadamised path from Government Rest House and a picturesque little Sanatorium near by. The latter, which is let to whoever cares to take it, is an ideal spot for a rest cure. It is connected with the telephone system of the colony. A river skiff can be hired on the lake for a moderate fee. By creeping through immense tree-ferns from 5 to 6 ft. high near the Rest House, one can see the spot where his Majesty King George V, then Prince George, and his brother Prince Albert Victor were entertained, on January 29, 1880, in "a pretty sort of *al fresco* hall erected of bamboo and palm leaves," when they visited the West Indies in H.M.S. *Bacchante*. What was then a clearing is now densely overgrown with bush; but a beautiful view can be had from it of Grenville Bay on the eastern or windward side of the island, whence much produce is shipped. Not far from the lake is the mountain known as the **Morne Fédon**, formerly called the Vaucrain Mountain, where the Lieutenant-Governor Ninian Home and forty-seven other white persons were massacred by rebels led by Julien Fédon, a coloured planter, in 1795, during the insurrection stirred up by Victor Hugues. Fédon's camps were situated on three spurs of Mount St. Catherine, and were called Champ La Liberté, Champ L'Egalité, and Champ La Mort. The plateau, on which a commemorative pillar has been erected by the Government,

can only be visited in the dry season, and is approached by a narrow winding path. The pillar is inscribed :

SITE
OF
FÉDON'S
CAMP
1795

Mr. John Hay, who narrowly escaped sharing the fate of the Governor, gave in his "Narrative of the Insurrection" (1823) the following account of the closing scene in the tragedy :

The prisoners, who had been let out of stocks, were immediately ordered in, the door locked, and the whole guard put under arms. Soon after the attack became more general, a voice was heard, saying, "The prisoners are to be shot. . . ." The guard was drawn up very near the prison, at the distance of not more than four or five paces. They appeared very much agitated, trembling with impatience, and some seemed to have their guns cocked. A few prisoners called out "Mercy!" No reply was made. Others, who were not in stocks, were on their knees praying. Not a word was exchanged among us; we all knew an attack from that quarter must fail of success, which would not only prolong our misery, but endanger our lives. The door was opened; two men appeared with hammers to take the prisoners out of stocks. Those who were not in confinement were ordered to go out. . . . He [Fédon] began the bloody massacre in presence of his wife and daughters, who remained there, unfeeling spectators of his horrid barbarity. He gave the word Feu himself to every man as soon as he came out; and, of fifty-one prisoners, only Parson M'Mahon, Mr. Kerr, and myself were saved.

At Charlotte Town, or **Gouyave** (population 2332), on the leeward coast, about twelve miles to the north of St. George's by road, or a journey of $1\frac{1}{4}$ hours by coastal steamer (see page 251), a flourishing system of peasant proprietorship can be seen in operation. Attempts have been made in the other islands to settle the people on the land, but nowhere have they proved so successful as in Grenada. The leeward coast is very beautiful, and recalls to mind the Italian Riviera. The land breaks off abruptly in bluff headlands which, however, unlike those on many parts of the Italian coast, are densely covered with verdure. Four miles to the north is **Victoria**, or Grand Pauvre (population 1591),

in St. Mark's Parish, built on the shore of an open bay. Eight miles farther is **Sauteurs** (pron. Soteers; population 1188), reached by coastal steamer (*see page 251*) in three or four hours. It is of interest as being the scene of the massacre of Carib Indians, of whom a number, pursued by the French under Le Compte, rushed up a narrow and difficult path known to them alone, and threw themselves over the edge of a cliff (Le Morne des Sauteurs, or The Leapers' Hill) overlooking the bay, in 1650. The French, who only lost one man, then set fire to the cottages and rooted up the provisions of the Caribs, and, having destroyed or taken away everything belonging to them, returned, as Du Tertre naively describes it, "bien joyeux." From Sauteurs **Lakes Antoine** and **Levera**, which occupy the craters of extinct volcanoes, can be visited.

Those interested in antiquities can inspect stones sculptured by the Caribs at Mount Rich in St. Patrick's Parish, and near the town of Victoria.

Grenville or La Baye standing on low-lying and swampy land near the beach of a large bay on the east of the island in St. Andrew's Parish is the town next in importance to St. George's. The town is to the north of the site of the older one of the same name, that was the scene of the outbreak of the rebellion of 1795 which is described above. Grenville Bay is protected on the north by Telescope Point, which forms part of Telescope estate.

Overlooking the town is **Pilot Hill**, on the summit of which is a signal station and the residence of the port pilot.

Post Royal, about two miles south of Grenville, was a rebel outpost during the Brigands War. Its stubborn defence was ended by a brilliant charge of the Buffs under Brigadier-General Campbell. At one time Post Royal was the leading shipping and trading point on the windward coast. At Marquis, near by, the ruins of the old Parish Church can be seen.

At **Point Salines**, the south-western extremity of Grenada, is a lighthouse presented by the late Hon. C. Macaulay Browne and G. G. Browne, Esq., with the buildings and adjacent land, in memory of their late father, James Browne, Esq., a leading merchant.

A visit to a **Cocoa** and a **Spice Estate** should on no account be omitted. If the visitor is not furnished with letters of introduction from England—which it is always desirable to have—he should seek the advice of the proprietor of the Home Hotel, who will always be found very willing to help. Some particulars regarding cocoa cultivation will be found in the chapter devoted to West Indian Industries. The nutmeg industry being principally identified with Grenada may be dealt with here. The nutmegs (*Myristica fragrans*) are sown 2 or 3 feet apart and the young trees begin to flower, or “declare” as it is termed locally, in about four to six years. The trees are either male or female, the former “declaring” first. When the females “declare,” they are planted out at distances varying from 15 to 30 feet apart, the male trees being distributed evenly between them. In about fifteen years the trees are well established and require little attention, as weeds, &c., do not grow under nutmeg shade. When full sized the trees yield no fewer than 5000 nuts each per annum. When gathered the nutmegs are covered with a scarlet lace-like substance, which when dried in the sun becomes the “mace” of commerce. The nuts themselves are dried in a current of air and afterwards in the sun. The hard shell is then broken with a wooden mallet and the kernels are sorted according to size and packed in barrels for shipment.

A visit to Hillsborough (population 238), the chief town in **Carriacou**, can easily be made in a day by the coasting steamer. In the Grand Carenage, next to Harvey Vale Bay at the south-west of the island, Carriacou has a fine natural harbour. The view of St. Vincent and the Grenadines from the new hospital, on the site of an old military station at Belle Vue, is very striking. A fine view can also be obtained from the Government Rest House on **High North**.

ST. LUCIA

"Statio haud malefida carinis"

The Colony's Motto

GENERAL ASPECT. St. Lucia, which lies in latitude $13^{\circ} 50'$ N. and longitude $60^{\circ} 58'$ W., about 20 miles to the south of Martinique and 30 miles to the north-east of St. Vincent, has a total area of 233 square miles, being rather smaller than Flintshire. Its greatest length is 42 miles, its greatest breadth 21 miles, and its population 49,205. St. Lucia is volcanic, and consequently very mountainous. The scenery throughout the island is truly magnificent. The main range of mountains, of an average height of 1500 feet, runs north and south nearly the whole length of the island, buttressed by numerous ridges branching off from it, gradually sloping down to the sea on either side, and leaving narrow fertile valleys between them. The flattest parts of the island are at Gros Islet, at the extreme north-west, and Vieux Fort, at the south-east, where the backbone ceases, giving place to a plain. The Canaries Mountain (3140 ft.), near the centre of the island, is the highest point, and the most mountainous part is on the leeward side of the island, in the neighbourhood of the Soufrière, a volcano the crater of which is about three acres in extent. Though this is now quiescent, there are still many traces of volcanic activity in the island, in the form of hot springs and sulphur. To the south of Soufrière Bay the two conical mountains known as the Pitons, or the Peaks, form prominent landmarks, the grandeur of which is unequalled throughout the West Indies. They rise to a considerable height, which is emphasised by their isolation, the Gros Piton being over 2619 feet high and the Petit Piton 2461 feet.

St. Lucia has several rivers, including the Cul de Sac and Roseau rivers on the leeward side and the Dennery, Troumassée and Canelles on the windward side. Castries, the capital, is situated on the western coast about nine miles from the northern end of the island. It stands at the head of a sheltered bay rather more than a mile in length, which forms a safe and convenient harbour. Near the north of

the island, and also on the leeward side, is Gros Islet on a bay, over which, at a distance of half a mile, the small but historic Pigeon Island stands sentinel. The second town of the island in size is, however, Soufrière, situated on the bay of that name.

INDUSTRIES. In spite of its great fertility, fully one-third of St. Lucia is still covered with forest, and, as an agricultural island, it requires development. The balance of uncultivated land is principally in the hands of the Government, who are anxious to dispose of it to settlers at from 10s. to 20s. per acre, with very easy terms of payment. A few European settlers have in recent years been attracted to the island as cocoa and lime planters, and are already doing well. Sugar-canes, cocoa, coffee, nutmegs, limes and coco-nuts thrive in St. Lucia, and the appliances for the manufacture of sugar are modern, there being no fewer than four large central sugar factories there. In recent years limes (*Citrus acida* var. *medica*) have been extensively planted, and the local lime industry promises to prove one of great value and importance. At Castries a Government factory for crushing limes for small growers was erected in 1913. Castries is an important mercantile coaling station, a fact to which St. Lucia owes its commercial importance, and a large section of the community makes its livelihood by coaling steamers. It is claimed that in consequence of this coaling business St. Lucia now occupies the thirteenth position among the ports of the Empire from the point of view of the extent of the shipping which visits it. With a view of retaining and improving this position new lights have been recently erected at the south of the island and at the entrance to the harbour.

The principal agricultural exports in the year 1912-13 were as follows :

		Value.
		£
Sugar	4,407 tons	50,439
Cocoa	9,573 bags	43,099
Rum	39,109 gallons	2,607
Molasses	12,545 „	508
Logwood	—	6,000
Cotton	4,800 lbs#	109
Limes	—	1,025

The direction of trade of the colony in 1912-13 was as follows :

	Imports.	Exports.
United Kingdom .	24 per cent. .	20 per cent.
British Possessions .	8 " :	7 "
Foreign Countries .	68 " :	72 "

FINANCIAL POSITION. The financial position of the colony is shown by the following comparative table of its revenue and expenditure, and imports and exports for the last ten years. From these figures it will be seen how largely St. Lucia is dependent upon its coaling industry :

Year.	Revenue	Expenditure.	Imports.	Exports.		
				General.	Bunker Coal.	Total.
	£	£	£	£	£	£
1903-4	66,009	70,692	351,086	105,983	63,506	169,489
1904-5	69,272	65,508	370,706	101,449	70,581	172,030
1905-6	61,877	62,521	285,986	109,027	102,626	211,653
1906-7	60,012	60,294	242,470	114,617	105,696	220,313
1907-8	67,351	64,840	310,309	122,021	142,381	264,402
1908-9	65,694	65,038	289,775	150,380	102,288	252,668
1909-10	65,740	64,446	266,228	134,920	115,754	250,674
1910-11	65,066	67,288	277,207	122,094	116,861	238,955
1911-12	71,979	69,329	318,590	120,150	152,951	273,101
1912-13	66,293	67,824	315,361	121,404	166,312	287,716

CLIMATE. The climate of St. Lucia though humid is quite suited for Europeans, and is at its best from December to May. The rainy season extends from June to November. Storms and hurricanes are of rare occurrence. The average temperature varies from 72° Fahr. to 90° Fahr., the coolest month being February, and the hottest July. The nights are always cool at elevations over 500 ft. The rainfall is between 80 and 100 inches per annum. The birth-rate is 34 and the death-rate 20 per 1000.

HISTORY. St. Lucia, formerly called St. Alousie or St. Alouziel, derives its name from the fact that it was dis-

covered by Columbus on St. Lucy's Day, 1502. Its possession was a constant source of dispute between France and Great Britain, the former basing her claim to it on a grant by Richelieu to a French West India Company, and the latter on the grant of the Caribbee Islands made by Charles I to the Earl of Carlisle. Though the Dutch are said to have visited the island and built a fort there at an earlier date, the English undoubtedly formed the first settlement in St. Lucia. The crew of the *Oliph Blossome*, after visiting Barbados, called there in 1605; and in 1638 settlers from Bermuda and St. Kitts, under the command of Captain Judlee, landed in the island; but they had trouble with the natives, who killed their Governor and, smoking them out by burning red pepper, drove them from the island. In 1650 Houel and Du Parquet bought St. Lucia with Grenada and Martinique for £1660, and sent forty settlers to it under Rousselan, who married a Carib woman, thereby establishing cordial relations with the natives. On his death, however, they murdered three of his successors before the treaty of 1660 was settled, securing the Caribs from interference in Dominica and St. Vincent on condition of their keeping the peace elsewhere. In 1664 Lord Willoughby sent 1000 Barbadians to the island, defraying their expenses out of the $4\frac{1}{2}$ per cent. export duty which for many years was a grievance in Barbados. The French were overpowered; but, owing to sickness and native wars, the colonists had by 1666 evacuated the island. A new French West India Company took over the island, and in 1667 St. Lucia once again became a French colony. In 1718 a grant of St. Lucia was made to Marshal d'Estrées, who sent out an expedition to colonise the island; but the English remonstrated, and no effective settlement resulted. Four years later the island was granted by George I to the Duke of Montague, who also sent out a strong body of colonists, and an ineffective effort was made by Captain Uring to effect a settlement in the teeth of a French force from Martinique. It was agreed that both nations should evacuate the island, only visiting it for the purpose of securing wood and water until some definite decision was arrived at. In 1748 the island was declared by the Treaty

of Aix-la-Chapelle to be neutral. St. Lucia capitulated to the forces of Admiral Rodney and General Monckton in 1762, but it was restored to France in the following year by the Treaty of Paris. When war broke out with France in 1778, Rodney impressed upon the Government the necessity of taking St. Lucia, which he regarded as an ideal naval base, and a powerful body of troops was landed at Grand Cul de Sac Bay. Count d'Estaing, who opposed them with a strong force, was beaten off, and until the end of the war the island remained British, in spite of an attempt to recapture it in 1781; and it was from Gros Islet Bay, at the north-east of the island, that Rodney sailed with his fleet and inflicted a decisive defeat on Count de Grasse between Dominica and Guadeloupe on the memorable April 12, 1782, a description of which will be found on page 348. St. Lucia was restored to the French by the Treaty of Versailles which followed, and under Governor Laborie its agriculture and commerce underwent rapid development. During the French Revolution the Maroon negroes gave great trouble. The island was designated by the Convention "The Faithful," but in 1794 Admiral Jervis, afterwards Lord St. Vincent, took it, the Morne Fortuné being captured on April 4 in that year by the Duke of Kent, the father of Queen Victoria; it was, however, recovered by Victor Hugues, the French republican, who was a friend of Robespierre, in 1795. Abercromby and General, afterwards Sir John, Moore, the hero of Corunna, were sent out to subdue St. Lucia, and though the health of the General, who was appointed Governor, broke down, the work begun by him was successfully completed by Colonel Drummond. Once more, however, St. Lucia was restored to France at the Peace of Amiens in 1802; but when war broke out in the following year the Morne Fortuné was again stormed, St. Lucia was taken, and in 1814 it was finally ceded to Great Britain.

CONSTITUTION. The Government of St. Lucia, which forms part of the British Windward Islands colony, is now conducted by an Administrator (who is subordinate to the Governor of the Windward Islands), aided by the Executive Council. The Legislature consists of the Administrator and

a Council, composed as the King may direct. At present it consists of five official and five unofficial members.

Administrators since 1900

Sir H. L. Thompson, K.C.M.G.	1900
Sir George Melville, K.C.M.G.	1902
P. C. Cork, C.M.G.	1905
E. J. Cameron, C.M.G.	1909
Douglas Young, C.M.G.	1913

HOTELS. **Castries.** *La Félicité*, kept by Mrs. Myers, is the principal hotel, and Miss Dupigny and Mrs. Rogers keep select boarding-houses. Some very comfortable and healthily situated officers' quarters, vacated by the troops, in the suburbs of Castries, can be leased (unfurnished) at from £3 to £5 per month. The cost of living and servants' wages are decidedly low. **Soufrière.** The *Star Hotel*, kept by Mdle. Asterie, is recommended. An excellent meal can be obtained at *La Reine*. If notice is given, modest sleeping accommodation can also be provided. At **Choiseul, Laborie** and **Vieux Fort** moderate accommodation can be secured on giving timely notice, and excellent meals can be obtained.

MEANS OF COMMUNICATION. St. Lucia is served by the steamship companies numbered 1, 7, 8, 10, 13 and 19 in the list on pages 14 to 27. Steamers go alongside the wharf and there is no landing charge.

The principal roads of the island are fairly good and are quite suitable for light-wheeled traffic in the agricultural districts. In the interior, travelling is done on horseback. Carriages can be obtained at Kirton's livery stables in Castries. The tariff is moderate, being: for driving about Castries, 2s. per seat per hour; out of Castries, 3s.; Gros Islet (7 miles), 8s. per person; the Morne and back, round drive, 5s. 6d. per person. As the resources of the establishment are limited, early application should be made. Riding-ponies may be hired at the same establishment and other places at reasonable rates. There are good driving roads from Castries to the Morne and to Gros Islet. The riding roads are numerous and quite good. In the Soufrière

quarter the main driving road from Soufrière to Vieux Fort is in good order ; so too—for light vehicles—is the road from Vieux Fort to Micoud.

A coasting steamer of the Royal Mail Steam Packet Company leaves Castries each day at 1 P.M., reaching Soufrière at 2.30 P.M., Choiseul at 3.30 P.M., Laborie at 4.30 P.M., and Vieux Fort at 5 P.M. It starts back at 6 A.M. next morning, reaching Laborie at 6.30 A.M., Choiseul at 7.30 A.M., Soufrière at 8 A.M., and Castries at 10 A.M. The hours, which are given to indicate the time required, should be verified locally, and tickets obtained from Messrs. Minvielle and Chastanet, the local agents. Fares :

From	Time from Castries.	First Cabin.	Second Cabin.
	Hours.	s. d.	s. d.
Castries to Soufrière .	1½	2 0	1 0
„ Choiseul .	2½	3 0	1 6
„ Laborie .	3½	3 6	1 9
„ Vieux Fort .	4	4 0	2 0

Sailing-boats may also be hired, with their crews, at reasonable rates.

SPORTS. There is a good cricket ground at Victoria Park, a ten minutes' walk from Castries, with a cricket and lawn-tennis club, and there is also a good court at Government House. The St. Lucia Racing Association holds two meetings a year at "Choc," about three miles from Castries, the principal races taking place early in March. Some fair sea fishing—including tarpon—can be obtained from boats and from rocks all round the coast ; this form of sport is more pleasant in the evening or night than during the day. A little river fishing is also obtainable with a light rod and ground-cockroaches for bait, the principal fish being small river mullet which weigh about half a pound. Cul de Sac and Soufrière rivers are the most easily accessible, the fishing being somewhat better in the latter. There is some pigeon and dove shooting to be had in the forests

and in the Vieux Fort swamps, but for the former sport it is necessary to sleep near the feeding-grounds of the birds, as they feed in the early morning and late afternoon. Permission from the riparian owners should always be obtained beforehand. Sea-bathing may be obtained from Castries by crossing the harbour in a boat to Vielle Ville, and then walking a hundred yards to Choc Bay.

SOCIAL CLUB. The Castries Club, situated near the wharves, is well appointed and extends a welcome to visitors provided with proper introductions. Visitors may also become members of the public library and reading-room, at the corner of Bourbon and Micoud Streets facing Columbus Square, for a nominal subscription.

PRINCIPAL SIGHTS. The harbour of Castries, which is almost land-locked, is one of the safest and prettiest in the West Indies. With an entrance scarcely more than a third of a mile across, it forms an admirably sheltered haven, and the visitor to it can at once appreciate why Rodney set such store by its capture before our wooden walls were replaced by steel. On entering, Tapion rock, on which is a battery and a light, with the breezy and romantic heights known as the Morne Fortuné * beyond (800 ft.), is seen on the right, while on the left is the promontory called the Vigie ("look-out") on which elaborate barracks had just been completed when the decision to withdraw the troops from the West Indies was arrived at in 1905. On a plateau, or terrace, at the west end of the Morne, 437 feet above the sea-level, the Union Jack floats over Government House, the residence of the Administrator.

At the head of the harbour are the **Botanical Gardens**, which now adorn what was once a reeking swamp, and to the south of them can be seen the steeple of the Anglican Church.

The town of **Castries** (population 6266), so called by Baron de Laborie, Governor in 1784, after Marshal de Castries, the French Colonial Minister of the day, stands at the top right-hand corner of the harbour. During the earlier days of English occupation it was known as Carénage,

* In the French islands and in those which have been French the hills are mostly called "Mornes."

and in 1794 it was called the Faithful by the Revolutionary party for a short time. The port enjoys the advantage over most others in the West Indies of having modern wharves, so that steamers are able to come alongside and discharge passengers and cargo without the intervention of boats. Castries is an important coaling station. As at Nagasaki in Japan, the work of coaling is carried on almost entirely by women, and it is interesting to watch them swinging up the gangway with baskets of coal on their heads while keeping up an incessant fire of chaff and enlivening themselves by singing chanties.

Castries presents no features of exceptional interest. The **Post Office** is in the Prince Alfred Building—so called after the late Duke of Edinburgh. A fine new Public Works Department Office has recently been erected in the old Army Commissariat Yard on the sea front. The **Administrator's Office** is opposite the police barracks at the beginning of the Morne Road. The **Colonial Bank** is at the far corner of the fourth block on the right in Bridge Street. The **Cable Office** is situated at the corner of High and Bridge Streets.

The **Roman Catholic Church** in the middle of the town is worth inspection. It faces Columbus Square—a grass plot of over three acres in extent, surrounded by broad walks and shaded by trees, which was formerly the Place d'Armes. The church is constructed of stone and iron in pseudo-Romanesque style and can seat 3000 people. The architect was Father Ignatius Scoles, a priest from Demerara who is said to have been a pupil of Pugin. The **Anglican Church**, dedicated to the Holy Trinity, stands at the north corner of the town adjoining the Botanical Gardens, which deserve a visit. It was built in 1832 and consecrated by Bishop Parry in 1843. The chancel was added in 1895. Protestantism was first set up in St. Lucia in 1819, and the Protestants, some four hundred in number, were taxed to provide funds for the erection of the church. From 1824 to 1870 the church was endowed by the State to the extent of £400 per annum.

Government House, on a plateau at the west end of the Morne, is approached by a good driving road from

Castries. It is a handsome building erected in 1895 at a cost of £8800, from the designs of Mr. C. Messervy, the then Colonial Engineer. The situation is now perfectly healthy; but there was a time when yellow fever raged there, and Breen in his "St. Lucia" tells how during a period of little more than four years, from November 1829 to January 1834, no fewer than four Governors died in the Pavilion, as the Governor's residence on this spot was then called. He tells, too, how the parsimonious General Farquharson, the Governor in 1832, dislodged the Bishop of the diocese and his suite, whom he was not disposed to entertain. "My lord," he said, "perhaps this is the first time you have visited Government House: come with me and I'll show you the apartments. I suppose your lordship has heard of the insalubrity of this place: every room in the house has already witnessed the death of some Governor; but none of them has had the honour of killing a Bishop: so my lord you have only to make your selection; I leave you to the *embarras de choix*." It is hardly necessary to add that His Grace at once ordered his horse and left precipitately. By an irony of fate it was General Farquharson himself who died of fever in the house in 1834.

The view from the terrace on which Government House stands, though not so extensive as that afforded by the Morne, which shuts out the mountains to the south, is quite enchanting. Far below lies Castries basking in the sun. To the north of the town is the harbour, on the far side of which is the Vigie and Vielle Ville. Beyond the promontory is Choc Bay and the much indented coastline with Pigeon Island in the distance at the entrance to Gros Islet Bay. To the eastward are the Paix Bouche ridge of mountains and the Sorcière, and to the west is Toc Bay.

The road beyond Government House takes one to the summit of the **Morne Fortuné** (20 minutes' ride from Castries). The expedition is well worth making, not only on account of the historic associations of the spot; but also because of the magnificent view. In the eighteenth century the Morne was the scene of much fighting, and it was upon it that Prince Edward, Duke of Kent and great-

grandfather of King George V, hoisted the British Colours on April 4, 1794, when the island was captured from the French by Vice-Admiral Sir John Jervis and Lieutenant-General Sir Charles Grey. It was, too, from its works that the French republicans were driven by Brigadier-General John Moore, afterwards Sir John Moore, the hero of Corunna, two years later.

The Morne now looks peaceful enough ; but truth to tell it presents a most melancholy appearance. Its officers' quarters are deserted, its barracks empty, and even its former tennis courts are rapidly becoming overgrown with bush. But the glorious view still remains and well repays the ride. It is more extensive than that obtained from the terrace of Government House, including as it does the superb mountain ranges of the interior, a long stretch of the coast-line to the south, and the summits of the Pitons in the distance.

The **Vigie** ($\frac{1}{4}$ hour's drive from Castries or 5 minutes' row by boat across the harbour) is scarcely less full of historic associations than the Morne. Probably the most desperate fighting which it witnessed was in 1778, when we captured St. Lucia from France. The lines of English, who, under General Meadows, had entrenched themselves there, were, on February 18 in that eventful year, stormed by 5000 men under d'Estaing, Lowendahl, and de Bouillé. Says Breen :

As the columns approached the position of General Meadows, they were enfiladed by the batteries on the other side of the Carénage, and suffered severely. They nevertheless rushed to the assault of the lines with impetuous bravery. The coolness and grimness of the defenders were, however, more than a match for the impetuosity of the assailants. Not a shot was fired by the British till the columns were at the foot of the entrenchments. One destructive volley was then poured in, and the French were received at the point of the bayonet. The struggle was long and terrible. At last the French were driven back with heavy slaughter : seventy of them are said to have fallen within the works at the very first onset. In spite of this fierce repulse they paused only to rally and recover breath ; and then hurried back with undiminished fury. The second conflict was no less violent than the first : it terminated in the same manner. Though their ranks were sorely thinned by this double discomfiture, they were induced to make a third charge ; but they had

no longer that ardour which originally inspired them. They were speedily broken, overwhelmed, and scattered in complete and irretrievable disorder. . . . So great a slaughter has seldom taken place in so short a time.

The **Gun Pits** on both sides of the harbour head may be visited. They embodied many modern improvements in this class of fortification, but are now overgrown by bush. Those on the Vigie are reached by a walk of half a mile from Vielle Ville, which is accessible by boat.

COUNTRY EXCURSIONS

The **Cul de Sac Valley**, with its central sugar factory, is about one hour's ride or drive from Castries. The route lies past the historic Morne Fortuné (*see page 271*). It was in Grand Cul de Sac Bay that Brigadier-Generals Meadows and Prescott landed on December 13, 1778, with 5000 men from twelve transports, and it was here that a desperate encounter took place a few days later between the English and French Fleets under Admiral Barrington and Count d'Estaing, which resulted in d'Estaing being driven back in confusion. The Cul de Sac sugar factory is especially well worth a visit in the months from January to April, when sugar and rum are being made. It is situated half a mile from the carriage road, but may be reached on horseback. The valley is accessible for some five miles inland by riders, but not by carriages, and it communicates with the Goldsworthy Road, which leads across the central ridge to **Dennery**, called after Count D'Ennery, Governor in 1768 and formerly known as L'Anse Canot, in the fertile Mabouya Valley and the eastern side of the island. The gradient of the **Goldsworthy road** is very slight, and where the Trace, as it is called, crossed the main ridge or Bar de l'isle it is very fine, though capable of considerable improvement. At present the road is not suited for wheeled traffic; but it may be safely ridden. The Castries end of it begins at Trois Pitons, where it descends into the Cul de Sac Valley. It then follows the valley and crosses the main ridge near Piton Lacombe and descends into the Mabouya Valley, near the Pilet District. The distance from Castries to Dennery by the Trace is sixteen miles, and the ride takes

four hours. A shorter route, effecting a saving of four miles, is by the **Barabara**, an extremely steep descent by zigzags between the main ridge and Mabouya Valley, which can be ridden in three hours. Dennery also has a central factory. The **Roseau Valley** and **Sugar Factory** are about three miles farther than the Cul de Sac factory, or seven miles from Castries (1½ hours' ride).

Perhaps the prettiest ride near Castries is that to **Piton Flor**, about five miles from the town along a steep road, (one to one and a half hours there and same time back): the scenery in this direction is magnificent. This road also leads to Dennery. With a good pony it is possible to cross the main ridge by the Piton Flor Road, and return by the Goldsworthy Road and Cul de Sac Valley (5 to 6 hours for the round trip); but the ride is a trying one of more than 20 miles, and there are no refreshment houses on the way! A less fatiguing outing, but one through less picturesque scenery, is the drive past the race-course to the little fishing-village of **Gros Islet**, at the north of St. Lucia (3 hours there and back). It was here that d'Estaing anchored and landed his forces in 1778, after the defeat at Grand Cul de Sac.

The historic **Pigeon Island** can be reached by canoe across a narrow strip of water from Gros Islet or direct from Castries by boat. The former is the preferable route and it takes about an hour, while by boat the journey is somewhat longer. Pigeon Island, which is about one and a half miles in length and about half that extent in breadth, consists of two hills, on the smaller of which Fort Rodney is situated. From the parapets of this fort, Rodney watched the movements of the French fleet off Martinique, prior to the great battle of April 12, 1782, in which he achieved his decisive victory over de Grasse (*see page 348*).

When time allows, a trip to **Soufrière** by the coasting steamer is well worth taking, the scenery in this district being exquisite, and the sight of the sulphur springs, with their hissing and boiling cauldrons of black water, surrounded by a dangerous zone of heated ground on which sulphur and alum are being constantly deposited, is a unique experience for many travellers. Some of the cocoa estates

at Soufrière are also interesting, and nutmegs, cloves, cinnamon, vanilla, oranges, coffee, and rubber may also be seen in cultivation there. The **Ventine Sulphur Springs** are half an hour's drive from Soufrière. This is a very charming and secluded spot, where invalids suffering from rheumatism and many other disorders have benefited greatly by the use of the warm sulphur baths. The several boiling springs are also well worth seeing. The hot springs and mineral waters were celebrated in former days for their medicinal properties, which resemble those of Aix-les-Bains. Baron de Laborie, the French Governor, had them analysed in 1784, and so favourable was the report upon them that Louis XVI granted a substantial sum of money for the construction of baths and the requisite buildings "for the use of his Majesty's troops in the Windward Islands." In the subsequent wars, however, the thermal establishment was destroyed. An attempt was made by Governor Sir Dudley Hill to restore the baths in 1836: but it failed as he was unable successfully to establish a claim to the land. From Soufrière, the small steamer proceeds to **Choiseul** (formerly L'Anse Citron, but since the Peace of 1763 called after the famous Minister, the Duc de Choiseul, through whose efforts the island was secured to France). **Laborie**, the next port of call, is a charmingly picturesque village, which owes its name to Baron de Laborie, the very popular Governor in 1784. The steamer stays for the night at Vieux Fort, returning to Castries next morning.

At **Vieux Fort**, where the first sugar works were established in the island in 1765, there is another spacious central factory, and the extension of the trip to this place gives the visitor an opportunity of passing round the base of the two conical mountains known as the **Pitons**, or the **Peaks**, which form prominent landmarks on the leeward coast. Some writers have stated that the Gros Piton resembles the main peak of the Canigou, near Arles in the Pyrenees; but unlike the St. Lucia peaks, that mountain is quite destitute of verdure and rises to a far greater height. It is certainly not unlike the Pic du Midi. The Gros Piton is said to be 2619 feet high, the Petit Piton 2461 feet. The Gros Piton is comparatively easy to ascend, but, until

1878, the smaller Piton was unconquered by man. In that year, however, a Mr. Lompré succeeded in gaining its summit, and it was ascended in 1885 by Mr. Charles de Brettes, who two years later conducted the then Chief Justice, Dr. John W. Carrington, and a party to the summit. The start was made from the western extremity, which was reached by clambering over the rocks. The party began the ascent at 6.22 A.M. and at 7.15 reached the Grande Ravine, a deep gorge running into the mountain. Thence the line of march lay more along the side of the mountain, and they worked their way gradually round to the shoulder which stands out clearly on the north-western face. A deep ravine having been crossed, the projecting point of the shoulder was reached at 9.40 A.M. (1640 ft.), and a splendid view of Soufrière obtained. Shortly after traversing the shoulder, which runs nearly level for 200 or 300 feet, a perpendicular rock 20 feet high had to be scaled, and for some distance there was a stiff bit of climbing to be done. All obstacles were, however, surmounted, and at 11.40 A.M. the Union Jack floated on the summit, which was found to be a small oval plateau, 70 feet long by 40 wide. The return journey was begun an hour later, and the rocks again reached by 6.45 P.M. Local tradition relates that years ago four English sailors tried to climb the highest Piton. They were watched from below through a telescope, until one after the other disappeared. Half-way up one fell, a little higher another dropped, and then a third. It was supposed that they fell victims to the deadly Fer-de-lance snake, which once infested St. Lucia.

At Vieux Fort a vehicle can be hired for the drive to **Micoud** by the high road, which runs in an easterly direction. The drive has now been rendered easy by the bridging of the rivers, the last bridge to be erected being one over the Troumassée River at the entrance to the village. Micoud, which is delightfully situated facing the Atlantic, owes its name to Baron de Micoud, Lieutenant-Governor on several occasions between 1769 and 1776.

Between St. Lucia and Martinique there stands an isolated rock, which rises sheer out of the water off the south coast of the latter island. No Englishman can gaze upon it

without a feeling of pride, for it is the historic **Diamond Rock** which, during the war with France in 1803, was garrisoned by the crew of a British cruiser, who, by means of ropes, hauled their guns to its summit and defied their adversaries. Hood, seeing that the French ships escaped him by running between this rock and the Pointe du Diamant, laid his seventy-four, the *Centaur*, close alongside the Diamond, made a hawser fast to the ship and to the top of the rock, which is accessible on the leeward side, and slung with a traveller three long 24's and two 18's to the summit, the sailors looking "like mice hauling a little sausage. Scarcely could we hear the Governor on the top directing them with his trumpet; the *Centaur* lying close under, like a coco-nut shell to which hawsers are affixed." Here Lieut. J. W. Maurice, with 120 men and boys, and ammunition, provisions, and water, remained for nearly eighteen months. From this commanding position they harassed the French fleet until June 1, 1805, when, through want of powder, they were compelled to surrender to a French squadron of two seventy-fours, a frigate, a corvette, a schooner, and eleven gunboats, upon which they inflicted severe loss, wounding seventy men and destroying three gunboats, while they themselves lost only two men killed and one wounded.*

In spite of its size, great natural beauty and historical associations, less has been heard of St. Lucia than of many of the neighbouring islands; but for those possessed of capital, youth and energy, it affords abundant openings. The withdrawal of the garrison in 1905 was a severe blow, but it may prove a blessing in disguise if it leads to the development of the agricultural resources of the island. In view especially of the rapid growth of the lime industry it is already probable that the name of St. Lucia will before long become more widely known in commercial circles.

* An account of the gallant defence of the Diamond Rock is given in "West Indian Tales of Old." London: Duckworth and Co.

ST. VINCENT*"Pax et justitia"*

The Colony's Motto

GENERAL ASPECT. St. Vincent, which lies in latitude $13^{\circ} 10'$ N. and longitude $60^{\circ} 57'$ W., 30 miles to the south-west of St. Lucia, and 97 miles west of Barbados, is 18 miles in length and 11 in width at its broadest part, and comprises an area of 140 square miles, being, as Grenada is, about half the size of Middlesex. Its estimated population is 52,592, while those of the Grenadines which are its dependencies have a population of 3901. The whole of the island is of volcanic origin, and, like St. Lucia and Grenada, it has a backbone of thickly wooded mountains running from north to south. At the northern end of the range is Soufrière, a volcano 3500 ft. high, the eruption of which in May 1902 devastated nearly one-third of the island and caused a terrible loss of life, 2000 persons being killed. The southernmost point is Mount St. Andrew, 2600 ft. high, which dominates the Kingstown valley. Spurs branch off from this range on each side, breaking the island up into a series of valleys. On the north-east side there is a more level tract of land called the Carib country, which formed part of the lands reserved to the Caribs by the treaty of 1773. This was formerly quite the most fertile sugar-producing district in St. Vincent. All cultivation on it was, however, destroyed by the volcanic eruption, and the fresh water "Carib" canal was filled up, and it is only recently that the canal has been restored and agricultural operations resumed. The streams in the island are numerous though small, the principal being the Union or Argyle River on the windward side, and the Warrawarou at the south. On the eastern side of the island is the Rabacca or dry river, which except in flood time is of very small volume, having been choked by the volcanic eruption of 1812. The island is divided into five parishes: St. George, Charlotte, St. Andrew, St. David, and St. Patrick. Kingstown (population 4547), the capital of the island, stands in Charlotte Parish at the head of Kingstown Bay, an in-

dentation of about three-quarters of a mile deep on the south-west coast. It was formerly protected by a formidable battery on the South or Cane Garden Point, and the imposing Fort Charlotte on the north-west. Most of the Grenadines, a chain of islands lying between St. Vincent and Grenada, are dependencies of St. Vincent, the largest which fall under this category being Bequia, 9 miles from Kingstown (4422 acres), Mustique, 18 miles from Kingstown (1257 acres), with Balliceaux—a corruption of belles oiseaux—and Battowia near by; Canouan, 25 miles from Kingstown (1694 acres); Mayreau, 37 miles from Kingstown (600 acres), and Union Island, 40 miles from Kingstown (2600 acres). It was to Balliceaux that the Caribs were removed prior to their deportation to Ruatan.

INDUSTRIES. For many years St. Vincent was one of the least prosperous of the British West Indian colonies, owing to the lack of an industry to take the place of sugar cultivation, which was ruined by the foreign sugar bounties. Arrowroot is now the staple of the island, and this industry is supplemented by the cultivation of Sea Island cotton, for the growth of which St. Vincent is particularly well suited. Sugar, rum, molasses, cocoa, and spices are also produced on a small scale.

The principal exports in the year 1912 were as follows :

		Value.
		£
Arrowroot	3,948,681 lbs.	48,854
Cotton	451,950 „	34,024
Cotton Seed	1,285,200 „	3,363
Sugar	398,419 „	2,647
Cocoa	224,535 „	4,366
Live Stock	—	3,586

The direction of trade in 1912 was :

	Imports.	Exports.
	£	£
United Kingdom	54,895	76,874
British Colonies	42,180	31,469
Foreign Countries	32,067	3,341

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table overleaf of its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	£	£	£	£
1903-4 .	26,516	28,115	77,853	38,174
1904-5 .	28,266	26,515	74,238	51,902
1905-6 .	26,900	25,911	69,097	53,078
1906-7 .	26,031	24,650	78,008	83,755
1907-8 .	28,456	24,653	96,554	94,265
1908-9 .	31,395	27,200	113,713*	94,739*
1909-10 .	28,440	31,331	87,810	88,698
1910-11 .	30,125	30,343	97,737	101,180
1911-12 .	34,852	33,735	110,926	118,625
1912-13 .	38,088	33,993	129,142	111,684

* Calendar year from this year onwards.

CLIMATE. The climate of St. Vincent is healthy and particularly enjoyable in the winter months. The wet season lasts from August to November, when the weather is hot and damp, though not necessarily unhealthy. The average rainfall amounts to 100 inches. The temperature varies from 60° Fahr. to 88° Fahr., the nights being always cool. The island is sometimes visited by hurricanes, but warning of their probable approach is always given. The Soufrière volcano is, happily, now quiescent. The birth-rate is 33, and the death-rate of the island as low as 18 per 1000, a figure which speaks volumes for the healthiness of St. Vincent.

HISTORY. St. Vincent was discovered by Columbus on St. Vincent's Day in the Spanish Calendar, January 22, 1498, and to this fact it owes its name. At the time of its discovery it was inhabited by the warlike Caribs, in whose hands it remained until 1627, when a grant of the island was made to Lord Carlisle. In 1660 St. Vincent was declared neutral, but eight years later Lord Willoughby arranged a treaty by which the Caribs acknowledged themselves to be subjects of the King of England. No definite colonisation was, however, effected, and St. Vincent subsequently became a refuge for Caribs from the neighbouring islands. At the end of the seventeenth century there were two distinct races of these Indians in the island, the yellow

and the black Caribs, the former being of the original stock and the latter largely of West African origin, being the descendants of shipwrecked slaves who fled to the forests and married Caribs. These black Caribs became eventually the predominant race. In 1722 St. Vincent was granted by George I to the Duke of Montague, who sent out a strong body of colonists, but the French demanded that the island should remain neutral, and their protests were recognised by the Treaty of Aix-la-Chapelle in 1748. St. Vincent was captured by Monckton in 1762, and British colonisation proceeded, the General obtaining a grant of 4000 acres in Charlotte Parish, which he subsequently sold for £30,000. The division of lands gave rise to many disputes, and the Caribs refused allegiance to the King. Consequently, troops were introduced from North America, and after some desultory fighting a treaty was concluded through the exertions of Major-General Dalrymple in 1773, by which the Caribs acknowledged the supremacy of the British, being granted in return the large tract of land referred to above in the north of the island. It extended, according to the terms of the treaty, from the River Byera to point Espagnole on the one side, and from the River Auilabou (Wallibou) to Espagnole on the other side. In 1779, during the course of the war between France and England, which had begun in the preceding year, St. Vincent was surrendered to the French, but it was restored to Great Britain in 1783 by the Treaty of Versailles. During the French Revolution in 1795 the island was overrun by the Caribs under Chatoyer and Duvallé, who were assisted by the French in what was called the Brigands War. They burnt the cane-fields, plundered the houses, and murdered many of the colonists, who were confined to Kingstown. This state of affairs continued until June 1796, when Sir Ralph Abercromby suppressed the rising, and the bulk of the Caribs were deported to the island of Ruatan, in the bay of Honduras. Their lands were revested in the Crown by an Act of 1804, two years prior to which year occupancies during his Majesty's pleasure of 5262 acres had been granted to different persons actually engaged in the war as a reward for their services.

CONSTITUTION. St. Vincent, one of the group of Crown Colonies known as the Windward Islands, has an Executive Council and a Legislative Council. The latter consists of official and unofficial members nominated and appointed by the Crown. In the absence of the Governor of the Windward Islands, the Administrator presides over the two Councils.

Administrators since 1889

Captain I. C. Maling, C.M.G.	1889
Colonel J. H. Sandwith, C.B.	1893
H. L. Thompson, C.M.G.	1895
Edward J. Cameron, C.M.G.	1901
The Hon. C. Gideon Murray	1909

HOTELS, Kingstown. *Linley Hotel* and *Crichton Hotel*, both in Bay Street—Rooms, light, and attendance, 6s. 6d. and 8s. 4d. per day, or £6 5s. and £8 6s. 8d. per month.

MEANS OF COMMUNICATION. St. Vincent is served by the steamship companies numbered 1, 7, 13 in the list on pages 14 to 27. The boat fare from the steamer to shore, and *vice versa*, is 6d. each way. Baggage, 3d. per package. There are three livery stables—Alex. Fraser's (Bay Street), G. P. Bullock's (Grenville Street), and W. Grant's (Middle Street)—and an order by telephone from the police barracks, opposite the landing-stage, brings riding-horses or single or double buggies in a few minutes. Riding animals can be had from 4s. 2d. upwards, and buggies from 6s., according to time and distance. Rowing-boats to visit the leeward parts of the island, or for sea-fishing excursions, can always be obtained at reasonable rates at the landing-stage.

SPORTS. Cricket is played in the Victoria Park, and a game can generally be enjoyed by visitors. There is a lawn-tennis club with courts in the Government Office grounds, to which visitors are admitted. The St. Vincent Golf Club has a nine-hole course on the Carenage $3\frac{1}{2}$ miles from Kingstown, which can be reached by a good driving road or by boat. Visitors are admitted on payment of 1s. per day. Sea bathing can be indulged in at several spots,

notably off the Villa estate, about two miles from Kingstown. Good deep-sea fishing is obtainable off Kingstown and other places near by, and suitable tackle can easily be hired.

SOCIAL CLUBS. The Kingstown Club founded in 1891, with premises in James and Middle Streets, welcomes visitors who are introduced by members.

PRINCIPAL SIGHTS. Kingstown, which nestles at the foot of the mountains at the head of a magnificent bay on the south-west of St. Vincent, is one of the most picturesque spots in the West Indies. Froude likened it to a Norwegian town, with its houses along the shore painted in the same tints of blue or yellow or pink as those in Norway, with the same red-tiled roofs, the trees coming down the hill-sides to the water's edge, villas of modest pretensions shining through the foliage, with the patches of cane-fields, the equivalent in the landscape of the brilliant Norwegian grass.

The **Government Offices**, the **Post Office** (Egmont Street), and the **Colonial Bank** (Halifax Street) are within a stone's throw of each other near the centre of the town, and **Government House** (built in 1886), the residence of the Administrator, is at the back of the town above the Botanic Garden, on the left-hand side looking from the harbour. It is a tradition—and probably nothing more—that the mango tree in Government Office yard is one of the original trees brought to St. Vincent by Captain Bligh in 1793 (*see page 285*). The Kingstown **Free Library** in Halifax Street has an interesting collection of Carib stones, the implements and weapons used by the early inhabitants. The building was the gift of Mr. Andrew Carnegie, and was opened in 1909. Those interested in the Carib relics should inspect the Carib Altars, of which there are six or more in the island, including those on Villa Estate, and at Barouallie, Layou, Iambou, and Petit Bordel.

St. George's, the Cathedral Church of the united Parishes of St. George and St. Andrew, and until 1881 the Parish Church of these two parishes, which are divided in Kingstown by the North River, is reached by a walk of almond-trees, many of which are eighty years old. There are three fine lancet windows in the chancel presented by the widow of Lieut.-Governor Dundas, d. 1880, and sup-

posed to have been the work of Kempe. The remains of the Governor lie under the chancel floor. The Bronze Chandelier hanging in the nave is said to have been presented by George III. The nave has many interesting tablets, some on the walls and others on the floor. Among the latter, is one to Sir John Campbell, of Adnamurchan, Lieut.-Governor 1845, dated 1853; while on the north wall, the memory of Sir Charles Brisbane, Rear-Admiral of the Red, the victor of Curaçao in 1807, who was Governor from 1808 until his death in 1829, is perpetuated. Other tablets perpetuate the memory of Peter Beckett (1789), Major Champion, of the 21st Royal Scots Fusiliers, who was assassinated at Fort Charlotte in 1824, and Alexander Leith, who killed the Carib Chief on Dorsetshire Hill in 1795 during the Brigands War. In the cemetery surrounding the Cathedral is a monument to the memory of his late Excellency William Leyborne Leyborne, "Captain-General, Governor and Commander-in-Chief of H.M. Southern Caribbean Islands, Chancellor and Vice-Admiral of the same," who died April 16, 1775, aged thirty-one. Several monuments are erected to men of the 70th, now the 2nd Bn. East Surrey Regt., who died of yellow fever at Fort Charlotte. The church, which is open from 6 A.M. to 6 P.M., was rebuilt in 1820, at a cost of £47,000, towards which £5000 was contributed by the Government out of the proceeds of the sale of the Carib lands.

The Thompson Home. The Thompson Home, a few minutes' walk from the landing-stage, was established by Lady Thompson, the wife of the then Administrator, after the hurricane of 1898, for the relief of destitute ladies.

A visit should certainly be paid to the well-kept **Botanic Garden**, which is prettily situated in a small valley just below Government House and adjoining Montrose Estate. It is less than a mile distant from the landing-stage, and is approached by a good driving road, which passes the **Colonial Hospital**, a well-appointed building with three blocks, and, higher up, arrowroot and Sea Island cotton plantations. An arrowroot mill is also to be seen, which, when working, is of great interest. Here the roots of the plant known to scientists as *Maranta arundinacea* are

reduced to a fine pulp, which is washed—an essential being the use of extremely pure water—and then strained. The water with the arrowroot in suspension is then allowed to flow slowly along flat and shallow troughs, and the starch—as it is now called—settles at the bottom. At the close of the day's work the arrowroot is dug out and dried. It is then packed in barrels and tins for export.

The **Botanic Garden**, which was established as far back as 1763, when it was, curiously enough, under the control of the Secretary for War, is the oldest institution of its kind in the West Indies, and probably in any part of the New World. It was in order to supply it with specimens of the bread-fruit tree (*Artocarpus incisa*) that the *Bounty* sailed to the South Seas under Captain William Bligh in 1787, when the crew mutinied, many eventually settling on Pitcairn Island. However, owing largely to the exertions of Sir Joseph Banks, the President of the Royal Society, supported by the representations of the West India Committee, who offered a substantial reward, a second ship, the *Providence*, was fitted out, and in January 1793, Captain William Bligh, accompanied by Captain Nathaniel Portlock, of H.M. brig *Assistant*, arrived, and landed a large portion of his valuable cargo from Otaheite in the South Seas at St. Vincent, including 530 choice and curious plants of various kinds in a most flourishing condition. The mango and cinnamon were forwarded to the garden from Jamaica, into which island they were introduced by Lord Rodney in 1782, the clove was brought from Martinique in the year 1787, and the nutmeg-trees from Cayenne in 1809. In 1820 the Government decided to give up the garden, and in 1822 it was transferred to the local Government, which for a time ceased to cultivate it in 1849. Very many of the old and rarest trees were destroyed by a cyclone on August 6, 1886, and a severe hurricane in 1898 did still further damage; but sufficient beautiful trees and plants remain to render the garden exceedingly attractive. It also contains a large collection of plants of economic interest, besides those of an ornamental nature. It is one of the institutions under the control of the Imperial Department of Agriculture for the West Indies, and it serves as an

efficient centre for the propagation and distribution of important industrial and other plants to local planters. To visitors from temperate climes, trees and plants, such as arrowroot (*Maranta arundinacea*), banana (*Musa sapientum*), cannon-ball (*Couroupita guianensis*), cinnamon (*Cinnamomum zeylanicum*), cocoa (*Theobroma Cacao*), clove (*Eugenia caryophyllata*), black pepper (*Piper nigrum*), bread-fruit (*Artocarpus incisa*), india-rubber trees (*Hevea brasiliensis*, *Ceara*, *Castilloa*, &c.), mango (*Mangifera indica*), mahogany (*Swietenia Mahagoni*), nutmeg (*Myristica fragrans*), pine-apple (*Ananas sativus*), teak (*Tectona grandis*), traveller's tree (*Ravenala madagascariensis*), vanilla (*Vanilla planifolia*), and various palms and ferns, can scarcely fail to be of interest. One old tree (*Spachea perforata*) is the only specimen of its kind at present known to botanists. A mahogany tree planted by Princess Marie Louise of Schleswig-Holstein, who visited the island in 1913 as guest of the Administrator, is also pointed out.

Victoria Park. Victoria Park is an extensive open space surrounded by private residences at the west end of the town, where cricket and football are played and athletic sports are held periodically.

The Government Central Sea Island **Cotton Ginnery** is situated within five minutes' walk of the landing-stage, and should certainly be visited. It is one of the best of its kind in the West Indies, being capable of ginning and baling upwards of 4000 lb. of cotton lint per working day of nine hours. The rate charged to planters for ginning and baling is 1*d.* per lb. Large quantities of seed cotton are also purchased on a profit-sharing basis from the peasantry. On application to the manager of the ginnery, visitors can always obtain permission to be shown over the building. Work is usually in progress from December to May. St. Vincent grows the finest Sea Island cotton in the world, and shipments have realised as much as 2*s.* 8*d.* per lb. of lint; there is, therefore, an additional interest attached to this ginnery, which deals with nearly two-thirds of the island's crop. Adjoining is the **Grammar School** in the grounds of the Agricultural Experiment Station, with extensive and well-laid-out grounds and experimental plots.

There is also a small Stock Farm attached to it, where pedigree animals are kept. At this station pupils of the Grammar School and special agricultural pupils receive instruction in practical agriculture and applied sciences. Visitors can inspect it on application to the headmaster and the Assistant Agricultural Superintendent. The **Market** is amusing during the busy hours in the early morning.

An extremely comprehensive view of a large part of the island, with its picturesque mountains and valleys covered with rich tropical vegetation, can be obtained from **Mount St. Andrew** (2600 ft.), the mountain which dominates Kingstown, and is the final elevation of the backbone of mountains which traverses the island from north to south. An early start should be made, and the best plan for visitors to adopt is to obtain horses, and ride as far as a place called **Cavalries** (about 1000 ft. high), proceeding thence on foot. Guides can be readily had for a small sum either in Kingstown or Lowman's village (2 miles), which is passed on the way; the time usually taken to reach the summit is two hours. In the neighbourhood of Cavalries the unique Soufrière fern, which resembles the British stag-horn moss (*Lycopodium clavatum*), is found.

At **Edinboro Bay** (half a mile from Kingstown) the remains of some old barracks are to be seen; from there to **Low Point** is a charming lane known as the **Lovers' Walk**, which extends to a distance of half a mile. At the extremity of the Point are the ruins of the old military hospital.

Calliaqua, four miles from Kingstown on the windward side, has a population of 800. Almost 200 yards from the mainland to the south-west of it is **Young's Island** (called after Sir William Young, Bart.), now used as a quarantine station. It is reached by boat in one hour, or by road ($2\frac{1}{2}$ miles), and then by ferry across the narrow strait which divides it from the mainland.

In a commanding position on a rock 260 ft. above sea-level, and fifty yards from Young's Island, **Fort Duvernette** is a conspicuous object. The old guns, dating from the days of George II and III, are still in their places, and on the summit are the remains of the old barracks,

tank, and magazine, which are reached by steps partly cut in the rock and partly made of masonry.

Fort Charlotte (600 ft.), upon Berkshire Hill, on the west side of Kingstown Bay, is interesting. There is a good riding and driving road all the way to it, and the fort can be reached in about half an hour. An object of interest by the wayside is the boundary stone between Otley Hall Estate and the Ordnance Lands, which is inscribed to the memory of our soldiers who fell in the Brigands War of 1795-96. The inscription runs :

To
THE MEMORY OF
Many Brave
SOLDIERS
Particularly of the
46th & 69th Reg. and of the Island Militia and
Rangers who fell in defending this Colony in the
Years 1795 & 1796
This Pillar
is Erected on the Boundary of Otley Hall Estate
and the Garrison of Fort Charlotte
by W. L. UEBUURY
B.O.
/ \

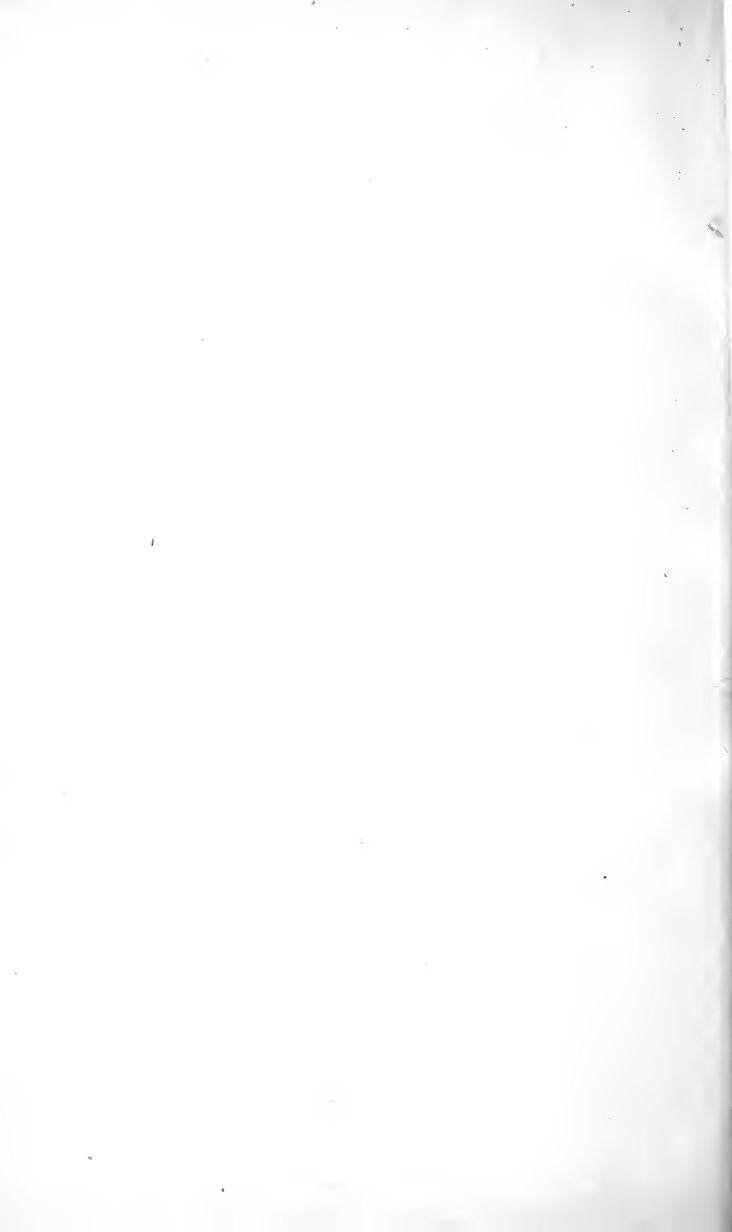
The 46th Regt. is now the 2nd Bn. Duke of Cornwall's Light Infantry, and the 69th the 2nd Bn. Welsh Regt. The fort was formerly the chief defence of the island, and was very strongly fortified. It contained barracks for six hundred men, and had thirty-four pieces of artillery, and several outworks. Some of the old military buildings are now used to house the colony's paupers. In 1854 the garrison was withdrawn, though one company of the 16th Bedfordshire Regt. returned in 1867 and remained for six years. Of the five guns now left in the fort, one is fired to indicate the arrival of the mail steamer, and at 8 P.M. every day. The fort is approached by a narrow archway which gives access to a spacious parade ground. On the right, an incline leads to the ramparts, which mounted eleven 32-pounders and two 10-in. mortars. At the rear of the parade are two powder magazines and a guard-house. Farther still and a little lower down are the barracks,



FORT DUVERNETTE, ST. VINCENT
An historic island fort. (Bequia in the distance)



LABORIE, ST. LUCIA
The graceful trees are coco-nut palms



cook-house, &c., and the large tanks which hold a supply of 50,000 gallons of water. At the extremity of the promontory there is a small bomb-proof building and a reserve tank to hold 10,500 gallons of water. A splendid view of Kingstown, the southern part of the island, and several of the islets in the Grenadines can be obtained from the citadel.

At **Low Point**, about 400 ft. below the fort and to seaward of the citadel, stands the military hospital, now used for patients suffering from yaws.

A ride to a high ridge called "**Vigie**," or "look-out," about 6 miles in a north-easterly direction, is also worth taking. This place was once a fortified post, and it is of interest as having been the scene of several sharp engagements between the English and French, with their Carib allies, in the war of 1795-96. The different ridges are concentrated into one elevation with three conical hills where the Caribs fixed their camp, which they protected with sugar hogsheads filled with earth. A good idea is obtained during the ride of the southern part of the island from this point, and of the different crops which it produces, such as arrowroot, cotton, and sugar-cane. The expedition takes about $1\frac{1}{2}$ hours each way.

The Soufrière. If time permits, an expedition should be made to the Soufrière, the volcano (3500 ft. high) situated at the northern end of the island which suddenly burst into violent eruption on May 7, 1902, a day in advance of La Montagne Pelée in Martinique, after being quiescent since 1812, and continued in a state of activity until March 1903. The following account of the eruption, which resulted in the loss of 2000 lives, was given by the Rev. J. H. Darrell, of Kingstown, who was an eye-witness of this appalling event:

At 7 A.M. on Wednesday, the 7th instant, there was another sudden and violent escape of pent-up steam, which continued ascending till 10 A.M., when other material began to be ejected. It would seem that this was the time when the enormous mass of water in the lake of the old crater was emitted in gaseous condition. . . . The mountain heaved and laboured to rid itself of the burning mass of lava heaving and tossing below. By 12.30 P.M. it was evident that it had begun to disengage itself

of its burden by the appearance as of fire flashing now and then around the edge of the crater. There was, however, no visible ascension of flame. These flame-like appearances were, I think, occasioned by the molten lava rising to the neck of the volcano. Being quite luminous, the light emitted was reflected from the banks of steam above, giving them the appearance of flames.

From the time the volcano became fully active, tremendous detonations followed one another so rapidly that they seemed to merge into a continuous roar, which lasted all through Wednesday night, yesterday (Thursday, the 8th), and up to 6.30 A.M. this morning, the 9th instant. These detonations and thunders were heard as far as Barbados, one hundred miles distant, as well as in Grenada, Trinidad, and the south end of St. Lucia. At 12.10 P.M. on Wednesday, I left in company with several gentlemen in a small row-boat to go to Chateaubelair, where we hoped to get a better view of the eruption. As we passed Layou, the first town on the leeward coast, the smell of sulphuretted hydrogen was very perceptible. Before we got half-way on our journey, a vast column of steam, smoke, and ashes ascended to a prodigious elevation. The majestic body of curling vapour was sublime beyond imagination. We were about eight miles from the crater as the crow flies, and the top of the enormous column, eight miles off, reached higher than one-fourth of the segment of the circle. I judged that the awful pillar was fully eight miles in height. We were rapidly proceeding to our point of observation, when an immense cloud, dark, dense, and apparently thick with volcanic material, descended over our pathway, impeding our progress and warning us to proceed no farther. This mighty bank of sulphurous vapour and smoke assumed at one time the shape of a gigantic promontory, then of a collection of twirling, revolving cloud-whorls, turning with rapid velocity, now assuming the shape of gigantic cauliflowers, then efflorescing into beautiful flower-shapes, some dark, some effulgent, others pearly white, and all brilliantly illuminated by electric flashes. Darkness, however, soon fell upon us. The sulphurous air was laden with fine dust that fell thickly upon and around us, discolouring the sea; a black rain began to fall, followed by another rain of favilla, lapilli, and scorix. The electric flashes were marvellously rapid in their motions and numerous beyond all computation. These, with the thundering noise of the mountain, mingled with the dismal roar of the lava, the shocks of earthquake, the falling of stones, the enormous quantity of material ejected from the belching craters, producing a darkness as dense as a starless midnight, the plutonic energy of the mountain growing greater and greater every moment, combined to make up a scene of horrors. It was after five o'clock when we returned to Kingstown, cowed and impressed by the weirdness of the scene we had witnessed, and covered with the still thickly falling grey dust. . . . The awful scene was again renewed yesterday (Thursday, the 8th) and again

to-day. At about 8 A.M. the volcano shot out an immense volume of material which was carried in a cloud over Georgetown and its neighbourhood, causing not only great alarm, but compelling the people by families to seek shelter in other districts.

The ashes from the volcano were carried by an upper current of air for over a hundred miles and fell profusely over Barbados, where they caused much astonishment. A similar phenomenon was witnessed during the former great eruption in May 1812, and the ashes were called by the Barbadians "May Dust." The earliest recorded eruption was in 1715. For the relief of the sufferers, in 1902 a Mansion House Fund was opened and £65,769 10s. 10d. collected, which was supplemented by contributions from the neighbouring colonies and other parts of the Empire.

The usual plan adopted by visitors who wish to see the crater is to leave Kingstown by the mail canoe which starts each day at 2 P.M. for Chateaubelair (22 miles), calling *en route* at the small leeward towns of Layou (8 miles) and Barrouallie (12 miles), the principal town of the first French planters, which suffered severely from the eruption of 1902, and arriving at 6 P.M., after giving the passengers an admirable view of the forest-clad hills of the island and the narrow valleys which run down to the sea. Previous to starting, however, the permission of the chief of police should be obtained for the use of the Government Rest Room at the police barracks in Chateaubelair, a former stronghold of the Caribs, where there is usually accommodation for two or three persons, for which a nominal charge is made. On arrival at Chateaubelair, a guide and boys to carry baggage should be secured, and arrangements made for a boat to row as far as the Wallibou River (25 miles), from which point the ascent is begun. Starting at sunrise on the following morning from the Rest Room, the crater can be reached within three hours. On the way, the ruined buildings of "Richmond" and "Wallibou" estates can be seen, and also the former site of Richmond village (24 miles), which was completely effaced and was the scene of the loss of many lives. On reaching the lower lip of the crater, one has a fine view of the devastated area and also of other parts of the island; besides the large crater lake. The

return journey from Chateaubelair can be made by mail canoe, which leaves each morning at 6 A.M. and reaches Kingstown at 10 A.M. The cost of this excursion should not exceed £1. By those who do not care for a long day in an open boat at sea, the Soufrière can be approached by road on horseback ; but four or five days must be allowed for this.

All round the southern end of the island, down the Palm Avenue, across Arno's Vale (1 mile), and through the little town of Calliaqua (4 miles), winds the great road to Georgetown (22 miles) on the eastern or windward coast, by which the prosperous planters of the fertile Carib country used to communicate with Kingstown. With an early start, a riding-horse, or carriage with a pair of ponies, can easily cover the distance of twenty-six miles within the compass of a tropical day. After rounding the southern corner of the island the road passes the ruins of the old French sugar works on what was once Prince Polignac's estate of Argyle (9 miles), and all along the windward coast are seen the ruins of the once famous plantations, which owed their fertility to the outbreaks of the Soufrière in previous centuries, and as Georgetown is approached the luxuriant vegetation is to be seen already bursting through the thick mantle of grey dust ejected from the volcano in 1902. For the expedition by this route also, arrangements can be made by telephone.

The **Falls of Baleine**, an attractive cascade at the extreme north of the island near the foot of the Soufrière, can be reached by canoe in just over an hour from Chateaubelair.

Other excursions of a pleasant description are evening rides or walks to **Dorsetshire Hill**, on which there used to be barracks for the troops, on the north-east of Kingstown and to the head of the Kingstown waterworks below Mount St. Andrew, from which the view is superb. The route lies along the lane running past the west end of the cathedral. The reservoir, 1500 feet above Kingstown, which is supplied from Mount St. Andrew, has a capacity for 600,000 gallons.

Dorsetshire Hill was the scene of much fighting during

the wars with the French and the Caribs. The fortifications, which consisted only of earthworks, have long since disappeared. To the north on Miller's Ridge guns still lie dismounted on the ground.

An attractive drive is that along the Leeward Road to the **Buccament Valley** (6 miles) and the **Mesopotamia Valley** (8 miles) along the windward coast.

St. Vincent has two mineral springs at **Belair** and **Mariaqua**. The former is 2 to 3 miles from Kingstown, and is easily reached by the public road which runs through the centre of the island. The latter is about 9 miles distant in the valley of the same name. In the middle of the pass leading to the valley a sculptured stone of great antiquity is shown. The rude chisellings—believed to have been the work of the aboriginal Carib inhabitants—represent four heads with strange head-dresses. Below one is a trident-shaped symbol. There are also strangely sculptured stones at the Villa, Buccament Valley, Barronallie, and Petit Bordel Estates.

CHAPTER XI
THE LEEWARD ISLANDS
ANTIGUA

Where Nelson refitted in 1805

GENERAL ASPECT. Antigua—pronounced “Anteega”—which is situated in latitude $17^{\circ} 6'$ N. and longitude $61^{\circ} 45'$ W., about 40 miles east of Nevis, the same distance north of Guadeloupe, and 27 miles north-east of Montserrat, has an area of 108 square miles and a population of 31,394. The island, which is the seat of Government of the Leeward Islands, is oval in shape, and has three distinct characteristics. In the south and south-west it is volcanic and mountainous; in the north and north-east it is of coral formation, the soil being composed of calcareous marls and coarse sandstone, while the central part is flat and of clayey formation. Unfortunately for the planters, the island has properly speaking no rivers, but Bendal's Stream supplies a sufficiency of water for the sugar factory of the same name. The shores are lined with coral reefs, but the island has many natural harbours, the most notable of which are St. John's Harbour on the north-west, which is fully two miles long by three-quarters of a mile broad, the historic English Harbour, formerly the port of call of the mail steamers at the south, with the still more capacious Falmouth Harbour next to it, Willoughby Bay at the south-east, and Parham Harbour on the north coast. St. John's, the capital (population about 9000), stands on gently sloping ground at the head of the harbour of the same name. The island is divided into six parishes, St. John, St. Peter, St. Philip, St. Mary, St. Paul, and St. George. The islands of Barbuda, formerly called by the pretty name of Dulcina, which lies

25 miles to the north, and Redonda, between Montserrat and Nevis, and 25 miles to the south-west of the main island, are dependencies of Antigua.

INDUSTRIES. Sugar is the mainstay of Antigua. Sea Island cotton is also produced to some extent. Pine-apples, for which Antigua has a good name, are grown in the south of the island; but the export trade in them is languishing owing to the lack of adequate shipping facilities.

The principal exports in 1912-13 were as follows:

		Value.
		£
Sugar, tons	11,639	133,778
Molasses, puns.	5,244	18,353
Sea Island cotton, lbs.	80,910	5,099

The direction of trade in 1912 was:

	Imports.	Exports.
	£	£
United Kingdom	69,098	29,214
British Colonies	25,907	126,193
Foreign Countries	73,278	9,561

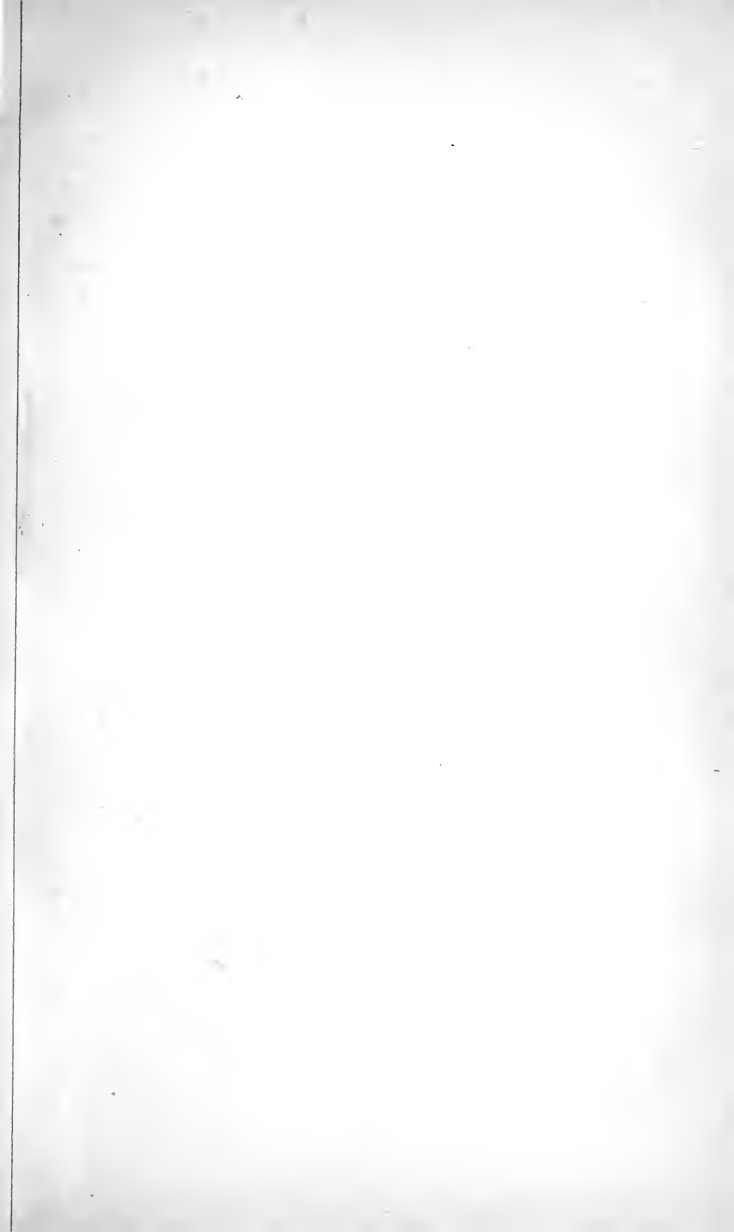
FINANCIAL POSITION. The comparative table given below shows the revenue and expenditure and the imports and exports of the colony of Antigua for the last ten years.

Year.	Revenue.	Expenditure.	Imports.	Exports.
	£	£	£	£
1903-4	43,811	50,209	131,365	101,147
1904-5	44,294	48,670	139,641	115,322
1905-6	48,798	54,383	132,973	99,862
1906-7	44,175	45,206	125,754	93,842
1907-8	50,619	46,967	164,587	172,410
1908-9	51,502	49,964	175,587	179,106
1909-10	48,583	49,204	139,496	114,122
1910-11	52,326	53,495	170,033	196,184
1911-12	52,292	53,652	181,331	161,064
1912-13	53,489	53,193	168,274	164,968

CLIMATE. Antigua is subject to severe droughts, and the average annual rainfall is as low as 46 inches. The soil is, however, very retentive and the crops thrive well, in spite of the small rainfall. It is recorded that in 1731 the

scarcity of water was so great that a pailful of that precious liquid was sold for three shillings! Bental's Stream has recently been dammed in two places and much rain-water which used to run out to sea is thus conserved. The wells or springs in the central plain from St. John's to Willoughby Bay being brackish, the only water available in the locality is that which is collected in ponds and pools. Wells in the limestone region on the north-east of this central plain yield good water, and there are also a few wells lying to the west and south of the plain. In some parts of the island the people are dependent on water collected in ponds, and in times of drought they suffer considerable hardships. St. John's has now an excellent water supply derived from a reservoir at the Body Ponds, and Wallings Reservoir, a large tank in the hills which was completed seventeen years ago at a cost, with its pipe service, of over £40,000. It furnishes a valuable subsidiary supply for fifteen of the principal villages, which are supplied with water from it through pipes. In the winter months the climate is healthy, except in the neighbourhood of swamps and marshes. The birth-rate is 35.13 and the death-rate is 36.65 per 1000, but this figure cannot be taken as any criterion, for, as in so many West Indian colonies, infant mortality is, owing to neglect, very high.

HISTORY. Columbus discovered Antigua on his second voyage in 1493, and christened it after Sta Maria la Antigua, a church in Seville. It was visited by some Spaniards under Don Antonio Serrano in 1520, and in 1629 D'Esnamebuc, the captain of a French privateer, made an abortive attempt to settle the island, but was driven away by want of water, and it was not colonised until 1632, when some English from St. Kitts under Edward, son of Sir Thomas Warner, established themselves there. During the Commonwealth it remained Royalist, and was included with Virginia, Barbados, and Bermuda in the Imperial Act of 1650, which prohibited trade with those dependencies on account of their rebellious attitude towards the Home Government. Lord Francis Willoughby, lessee of the patent left by Lord Carlisle to his son, visited the Leeward Islands from Barbados in 1650, and encouraged the inhabitants to resist



62° W.Gr.

ANTIGUA



17° N.Lat.

MONTserrat

62° 10' W.Gr.

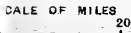
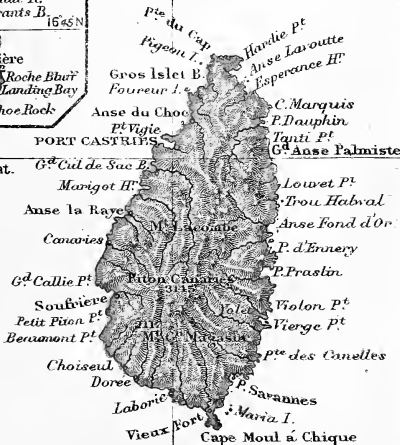
61° W.Gr.

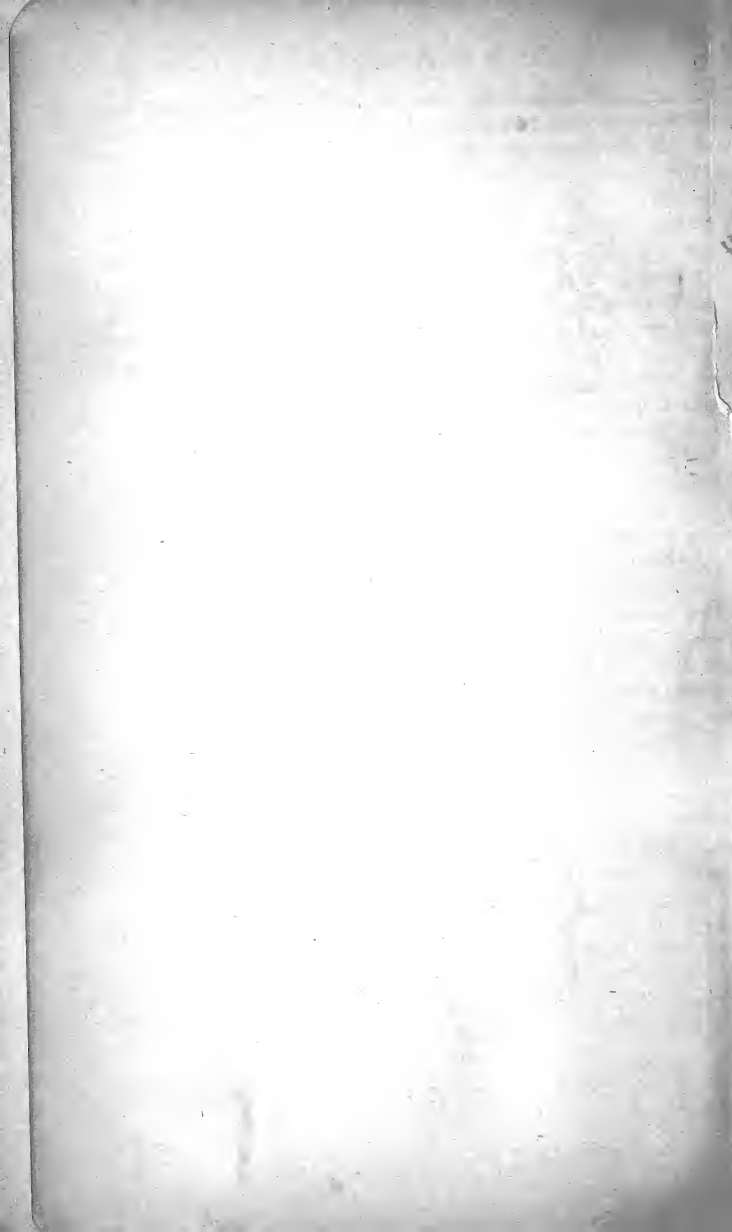
ST LUCIA



14° N.Lat.

N.Lat.





the Commonwealth. He was compelled to relinquish the government of the islands in 1652, but he returned in 1663 after the Restoration, and governed until 1666, when he was lost at sea. In 1666 French troops, reinforced by Irish malcontents and Caribs, landed at Five Islands Bay and took possession of the island; but in the following year it was ceded to England by the Treaty of Breda, and the Government was entrusted to Lord Francis Willoughby's brother, Lord William Willoughby of Parham. The subsequent history of Antigua has been, on the whole, uneventful. A few years after the cession of the island there were only five hundred black people in it, while a hundred years later the population included 37,808 slaves, 1230 free people of colour, and 2590 whites. In 1689 the inhabitants of Anguilla sought refuge in Antigua, which was defended from the incursions of the French and Indians by Sir Timothy Thornhill and a body of troops. The notorious Mr. Parke became Governor in 1706. Violent dissensions arose between him and the populace, but he refused to resign and was at length killed by a riotous mob on December 7, 1710.* Antigua has been visited on several occasions by hurricanes of great severity—notably in 1681, 1740, 1792, 1849 and 1899.

CONSTITUTION. By an Act of 1871, one Executive and one Legislative Council, under one Governor, were constituted for the six (now five) Presidencies of the Leeward Islands. As reconstituted by the Federal Act No. 1 of 1899, the Legislative Council now consists of eight official and eight elective members. Three elective members are chosen by the elective members of the Island Council of Antigua, two by those of the Legislative Council of Dominica, and three by the unofficial members of the Legislative Council of St. Kitts and Nevis. They must be, and continue to be, members of their respective Island Councils. The official members are the Governor, the Colonial Secretary, the Attorney-General, the Auditor-General, the Administrators of St. Kitts-Nevis and Dominica, and the

* A chapter is devoted to the misdeeds and fate of Governor Parke in "West Indian Tales of Old." London: Duckworth and Co.

Commissioners of Montserrat and the Virgin Islands. The Legislative Council has concurrent legislative powers with the local legislatures on certain subjects specified in the Act, such as matters of property, mercantile and criminal law, the law relating to status, the maintenance of a general police force and a common convict establishment, quarantine, postal and telegraph affairs, currency, audit, weights and measures, education, and the care of lunatics, all matters relating to immigration, copyright and patents, and its own constitution and procedure. Any island Legislature is, in addition, competent to declare other matters to be within the competency of the general Legislature. Any island enactment on such subjects is void if repugnant to an enactment of the general Legislature, or may at any time be repealed or altered by one. The Council meets once a year, at a place notified by proclamation (usually at St. John's, Antigua), and no Council lasts more than three years. The session usually extends from one to three weeks.

The expenses of the federal establishments are voted by the Council, and apportioned among the Presidencies. The Council has power to alter its constitution by an ordinary Act, to be reserved for the King's pleasure, and the King has power at any time to include any other West Indian island in the federation, upon joint addresses from both Councils. On March 22, 1898, the Legislative Council of Antigua, which was previously partly elected and partly nominated by the Governor, passed an Act abrogating itself, and the Crown Colony system was substituted. The new Council consists of sixteen members, eight official and eight unofficial, all nominated by the Governor under Royal letters patent. The Governor presides.

Governors of the Leeward Islands since 1901

Sir Henry Moore Jackson, K.C.M.G.	1901
Sir Gerald Strickland, K.C.M.G.	1902
Sir Courtenay C. Knollys, K.C.M.G.	1904
Sir Bickham Sweet-Escott, K.C.M.G.	1906
Sir Henry Hesketh Bell, K.C.M.G.	1912

HOTELS. **St. John's.** The *Globe Hotel*, in St. Mary's and Thames Streets, which is owned by Mr. T. E. Walter

and conducted by him personally, is recommended— Pension 8s. 4d. per day, or £8 6s. 8d. per month. There is also a good boarding-house at the head of the town, kept by Miss Jones; and *Esperanza House* in Redcliffe Street, kept by Mrs. Yearwood, can also be recommended.

MEANS OF COMMUNICATION. The island is served by the steamship companies 1, 7, 8, 13 and 19 (*see pages 14 to 27*). The Government launch carries passengers between steamer and the shore at a cost of 2s. 6d. per passenger, which is paid in most cases by the steamship companies. Carriages are obtainable at Robinson's, Langley's, Buckley's, or Doig's livery stables. Tariff—Botanic Gardens and Cotton Factory, buggy for two, 2s. 6d.; buggy for three, 4s.; Gunthorpe's Central Factory, 4s. and 6s.; Wallings Reservoir, 10s. and 14s.; Fig Tree Hill, 12s. and 16s.; English Harbour, 14s and 20s.

SPORTS. Cricket, lawn-tennis, rifle-shooting, golf, and croquet are the chief amusements. There is a nine-hole golf course in the Victoria Park, and well-kept links at Cassada Garden. There is a good lawn-tennis club in St. John's, with excellent courts and croquet lawns, which are the rendezvous of local society. The town can also boast an admirable amateur dramatic society, and dances are frequent. Good boating can be had in St. John's and Parham Harbours, while capital bathing can be indulged in near St. John's, and, indeed, all round the coast. Good sport with deer, wild duck, guinea-birds, and pigeons is to be had in Barbuda (*see page 309*), while tarpon fishing also gives good sport in the lagoon and round the shores. Deer, wild goats, rabbits, wild duck and pigeon are found in Long and Guana Islands.

SOCIAL CLUB. The New Club, near Government House, is noted for its hospitality, and the principal London papers and magazines can be seen at the Public Library, which is situated in High Street, near the landing-place.

PRINCIPAL SIGHTS. The town of **St. John's**, at the head of the spacious though shallow harbour of the same name, used to be defended by Goat Hill Fort on the south, and on the north by Fort James; while Rat Island, which is connected with Antigua by a narrow isthmus, was also

fortified. **Goat Hill** is historically interesting as being the scene of one of the exploits of Prince Rupert, the third son of Elizabeth, daughter of James I, and of Frederick V, Elector Palatine of the Rhine. The Prince, who was described by Governor Searle, of Barbados, as a "grand pirate"—in his *West Indian Adventures*—arrived at Antigua with Sir Robert Holmes in 1652. Here they found two of the Parliament's ships in Deep Bay, which is only divided from St. John's Harbour by a narrow strip of land ending in Goat Hill and Ship's Stern Point. Sir Robert Holmes landed at night with a party on the St. John's side and scaling Goat Hill took the Fort and trained the guns on to Deep Bay. In the morning Prince Rupert appeared at the entrance of the Bay and they sank one ship in the harbour and took the other at Montserrat. It was at Goat Hill that the French landed when they reduced the island in 1666. The fortifications—Fort Barrington—were completed in 1779. The fort is now used as a signal station.

Fort James, erected on a piece of land given to Charles II by Colonel Vaughan and fortified in 1704-5, commands an extensive view. It is chiefly worthy of notice for its foundation-stone, which was laid with full masonic honours, a most unusual proceeding in the case of a purely military building. The inscription on the stone can still be traced, though it was nearly obliterated by some mischievous treasure-hunters, who hoped to find coin of the realm beneath it. The inscription runs :

THIS [FIRST STONE] WAS LAID BY
 [I]SAAC MATHEW
 THE RIGHT WORSHIPFULL
 [THE] PROV[INCIAL] GRAND MASTER
 WITH HIS [GRA]ND OFFICERS
 AND
 THE RIGHT W[OR]SHIPFULL THE MASTERS
 AND
 THE WARDENS [AND] BROTHERS
 OF
 THE THREE LODGES [OF F]REE AND ACCEPTED MASONS
 OF ANTIGUA.
 NOVEMBER 15TH, 1739.



A STREET IN ST. JOHN'S, ANTIGUA

This picture shows buggies, a popular form of conveyance
in the West Indies



THE DOCKYARD, ENGLISH HARBOUR, ANTIGUA

Where Nelson refitted his ships when pursuing Villeneuve in 1805

The three Lodges referred to were the "Parham" Lodge, constituted January 31, 1737, "Bakers" Lodge, March 14, 1738, and the "Court House" Lodge, November 22, 1738. The last-named was afterwards called the "Great Lodge at St. John's in Antigua." The Fort is now used as a quarantine station.

The buildings on **Rat Island**, which is connected with the mainland by a causeway, are now used as a signal station and leper asylum. They were erected in 1741, on land purchased by the Government, as barracks for the infantry stationed in the island.

The streets of St. John's are very clean and the houses are nearly all made of wood painted a dazzling white. The rather commonplace monument on the wharf was erected by the people of Antigua to the memory of the late Bishop Westerby, who died in 1888, aged 75.

The **Post Office** is on the left-hand side of the High Street, near the wharf, and the office of the **Colonial Bank** is in Newgate Street at the end of Market Street.

The **Anglican Cathedral** stands on rising ground at the head of the town. It is a handsome stone fabric, with a façade terminating at either end in octagonal domed towers, and replaces an inferior building wrecked by the earthquake which took place immediately after morning service on Sunday, February 8, 1843. The cathedral occupies the very spot where the militia were stationed in 1710, when the mob attacked Governor Daniel Parke, whose tyranny and arbitrary conduct made him detested in the island. The corner-stone was laid in 1845. The cathedral was opened on October 10, 1847, and completed in the following year, its total cost being £40,000. It is solidly built, and cruciform in shape, while its length is 130 feet and its breadth 50 feet. The interior, which is fitted with galleries, is lined with stout pitch pine as a precaution against earthquakes.

The building contains very few monuments. Among them the principal is a large brass dedicated to the memory of Bishop Jackson, the third Bishop of the See (1860-1895). In the churchyard, which is on a gentle slope, many notable inhabitants found their last resting-place, including Otto

Baijer, Ashton Warner, Major-General George W. Ramsay, and Patrick Kirvan, the perpetrator of many amusing "bulls," whose gravestone was inscribed "By his discretion this tomb was erected." The churchyard is entered by iron gates, those at the south being flanked by pillars on which are metal figures representing St. John the Baptist and his namesake the Evangelist. They were intended for Dominica, but the French vessel in which they were being conveyed to that island was captured by a British man-of-war, which brought them to Antigua, where they have since remained. They are now known to the negroes as Adam and Eve.

The roof of the cathedral is partly maintained at the expense of the Government, who use it to collect rain-water, which is stored in a large cistern. The cathedral possesses some interesting and valuable plate, notable among which are two massive silver candlesticks over two hundred years old. They were the gift of one Peter Lee in 1704, and bear the inscription: "Donum domini Petri Lee ad Templum Divi Johannis in Antigua."

The monuments in the old church were many, and the inscriptions upon them were exceedingly interesting, the oldest being a stone slab in the chancel to the memory of Mrs. Gilbert, the wife of the Mr. Gilbert who introduced Methodism into Antigua, and who died in 1747. In the south aisle were monuments to Mrs. Elizabeth Odley, a descendant of Sir Thomas Warner, who possessed "a graceful figure, an excellent understanding, and a sweetness of disposition that engaged the esteem of all who knew her"; a tablet to the memory of her son, Otto Baijer, a descendant of Bastien Baijer, who signed the capitulation in 1666; a pyramidal monument to the memory of George Atkinson, "the blooming prop" of the declining age of his parents; and in the north aisle a fine monument to the Rev. C. T. Bernard, a former curate of St. John's, a white marble cenotaph to the memory of the Hon. William Warner, a descendant of Sir Thomas, and an elaborate monument to Ralph, Lord Lavington, which were of exceptional interest. In the latter his lordship was represented in a sitting posture in court dress, with his plumed hat lying at his

feet, and two female figures reclining on either side of a small sarcophagus, the one on the left representing Astrea, with her scales by her side, and the other the genius of the island mourning the loss of a favourite governor. On the base of the monument was a brief biographical inscription. Lord Lavington was buried on Carlisle's Estate, now the property of the Hon. J. J. Camacho, where his tomb can still be seen in the middle of a field of sugar-canes and beneath a very old sapodilla-tree. Some vandal stole the slab bearing the inscription, and for many years the tomb was in a very dilapidated state, but it has now been neatly bricked in. Then again there was a remarkable monument to the memory of Mrs. Musgrave, who was thrown out of her carriage in St. John's and killed on the spot. A representation of the event was sculptured in bas-relief on the cenotaph, which was of white marble.

Government House is an unpretentious building beyond the cathedral, not far from the hospitable **New Club**. Opposite to it is the **Prison**, which occupies a building erected in 1735 for the troops. It is one of the most commodious in the West Indies and is a model of cleanliness. The inmates comprise long-term prisoners from all the islands of the federation. The **St. John's Training School** for boys, which has replaced Skerret's Reformatory, does a good work, and deserves a visit. Many of the lads are now being apprenticed to various master-craftsmen in the town. The **Lunatic Asylum**, which stands to the east of the Training School, accommodates patients from all the various Presidencies. The gardens are noted for the extraordinary luxuriance of the bougainvillea, and are worth a visit.

The **Cotton Factory** is a drive of ten or fifteen minutes from St. John's. Antigua is one of the centres of the revived cotton industry in the West Indies, and a visit to the factory during crop time, which extends from January to April or May, when the Sea Island cotton is being ginned, is worth making. The **Central Sugar Factory** at Gunthorpe's is about $3\frac{1}{2}$ miles from St. John's. **Wallings Reservoir** (4 hours there and back) is reached by carriage. It is the main source of the island's water-supply and was

opened in 1901. **Fig Tree Hill** (6 hours by way of Wallings, Claremont, and St. Mary's) commands an extensive view of Guadeloupe, Montserrat, Nevis and St. Kitts on a fine day.

The drive to **English Harbour** (8 hours for the excursion) and the old Naval Dockyard, where Nelson refitted his ships during his memorable pursuit of Villeneuve to the West Indies and back in 1805, is an expedition which every visitor staying more than one day in Antigua should make. The first part of the drive is not particularly interesting, but on reaching the volcanic district of the island, which has to be traversed, it becomes much more attractive. The harbour which, like so many in the West Indies, is an extinct volcanic crater, is very tortuous, with a very small entrance protected by a narrow promontory running across it, and guarded in the old days by a chain boom. It is divided from **Falmouth Harbour**, which is next to it, by a narrow isthmus, and with very little trouble the two might be made one magnificent harbour, which could easily be defended by forts on the high hills surrounding it. On the summit of **Monks Hill** which overlooks Falmouth, stand the remains of Great George Fort, which covered ten acres and mounted, according to Luffman, "forty-eight pounders, said to be the identical guns taken out of the *Foudriaunt* * man-of-war, taken some years since in these seas." It was erected as a place of refuge for women and children in case of siege. The works were begun in 1689 and completed in 1705. The military cemetery is overgrown with bush—a disgrace to the local Government. This fort is now used as a signal station. Only occasionally do ships now visit English Harbour; and the dockyard, with its group of yellow barracks and stores with red roofs, though trim and tidy, is deserted. For many years even the mail steamers have forsaken the harbour for St. John's on the leeward side of the island. To the right of the entrance are the **Shirley heights**, once strongly fortified, and to the left of it **Middle Ground** on a peninsula and **Dow's Hill**, where the general officer commanding the troops resided. It was fortified in 1791, and the Governor's country residence was for many years there. To the

* Luffman no doubt meant the *Foudroyant*.

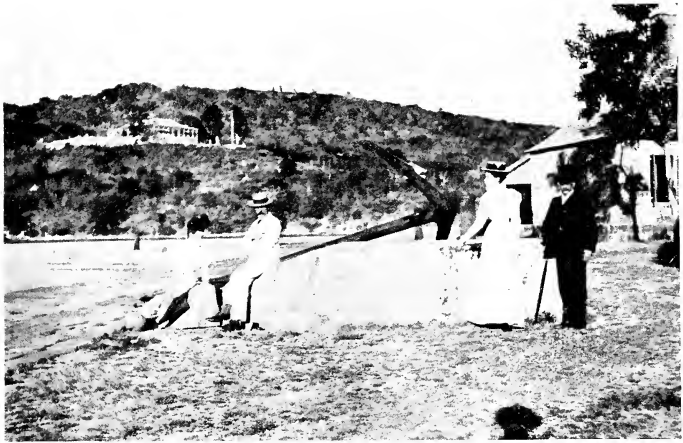
east of Shirley heights is the **Ridge**, which was abandoned when the last regiment left in 1855. The walls of large buildings remain; some are in good order, but the woodwork has rotted and been removed. The large Block House was built in 1787 by order of Governor Matthew, as recorded on a memorial stone. The only habitable buildings are the artillery barracks, which were last used as a convalescent lunatic asylum. An obelisk in the cemetery on the Ridge bears the names of officers, non-commissioned officers and men of the 54th Regiment, (now the 2nd Battalion Dorsetshire Regiment), who died in Antigua, St. Kitts, Dominica, and St. Lucia, March 1848 to June 1851. The best point from which to see the harbour is near **Clarence House**, a building on a side of the hill opposite the dockyard, which was erected in 1787 by English stone-masons for Prince William Henry, Duke of Clarence—afterwards William IV—when he was attached to the West Indies Station. The Prince arrived in Antigua at the end of 1786 in the *Pegasus* frigate, and we read that “his appearance put this little community into a ferment.” Mr. John Burke, Solicitor-General, was so overcome with emotion that in presenting the address of the Legislature to His Royal Highness, “notwithstanding this gentleman has been for years hackneyed at the bar, and is a bold orator, yet, on this occasion, to the astonishment of every bystander, he was nearly bereft of the power of utterance.” The Prince’s chief attendant was Captain Nelson, of the *Boreas*. In descending from Clarence House to the harbour the manchineel trees should be treated with respect. The milky juice, which exudes from their leaves and stems when broken, burns whatever it touches, and any one who takes shelter under this “poison-tree,” as it is called, during a shower of rain has good reason to remember it. A large anchor in front of the barracks marks the spot where a tragedy occurred in 1798. Lord Camelford, then acting as commander of H.M. sloop *Favourite*, had a private quarrel with Lieutenant Peterson of H.M.S. *Perdrix*. Soon after, Lord Camelford gave Peterson an order which he refused to obey, and the consequence was that Lord Camelford shot him dead on this very spot. The following

account of the episode is given in "Antigua and the Antiguans" * :

Lord Camelford commanded the *Favourite* sloop of war and Commodore Fahie the ship *Perdrix*, Mr. Peterson holding the rank of first lieutenant on board the last-named. Commodore Fahie had left Antigua a short time before, to take temporary command of the fleet, then anchored before St. Kitts,† and during his absence Lieutenant Peterson was, of course, left in command of the *Perdrix*. It was the custom, in those troubled days of warfare, for boats to row backwards and forwards across the harbour during the hours of night, the sailors of the different ships in the dock, headed by one of their officers, taking it by turns to keep this watch ; and the sleeper might often be roused from his dreams as the deep-toned "All's well" resounded through the still night air. Lord Camelford and Lieutenant Peterson were, unhappily, at variance ; and, perhaps to mortify his rival, Lord Camelford ordered Mr. Peterson to take the watch upon the very evening that a gay ball was to be given at Black's Point to the naval officers. Unfortunately Lieutenant Peterson entertained the idea that, as he was in command of the ship *Perdrix*, in the absence of Commodore Fahie, he was superior officer to Lord Camelford, who only commanded a sloop ; and, in consequence of this false impression, he positively refused to obey his lordship's orders. The disastrous evening approached, and the Lieutenant retired to his quarters above the capstan-house in order to dress for the festive party. Arming himself with a pair of loaded pistols, and telling his boat's crew to attend him, Lord Camelford quitted his retirement and stationed himself directly between the capstan-house and the guard-house (now called the Commissioner's house), and there waited the approach of Mr. Peterson, whom he had already summoned to attend him. Upon the unfortunate young officer making his appearance, accompanied by some of his friends, his lordship again commanded him to take charge of the watch for the evening—the command was again refused—when, taking one of his pistols from his bosom, Lord Camelford immediately fired, and the ball passing through the breast of the brave but inconsiderate lieutenant, he fell a corpse upon the ground, the deadly stream welling from the wound, and staining, as it flowed, the gay ball-dress which he wore. No sooner did the well-aimed weapon do its work than, drawing the other from its resting-place, his lordship turned to the second lieutenant of the *Perdrix*, and, pointing it at him, asked if he would obey his orders or meet the same punishment as Mr. Peterson. Life is sweet ! The second in command saw his friend stretched at

* The affair is also described in "West Indian Tales of Old." London : Duckworth and Co.

† Of which island he was a native.



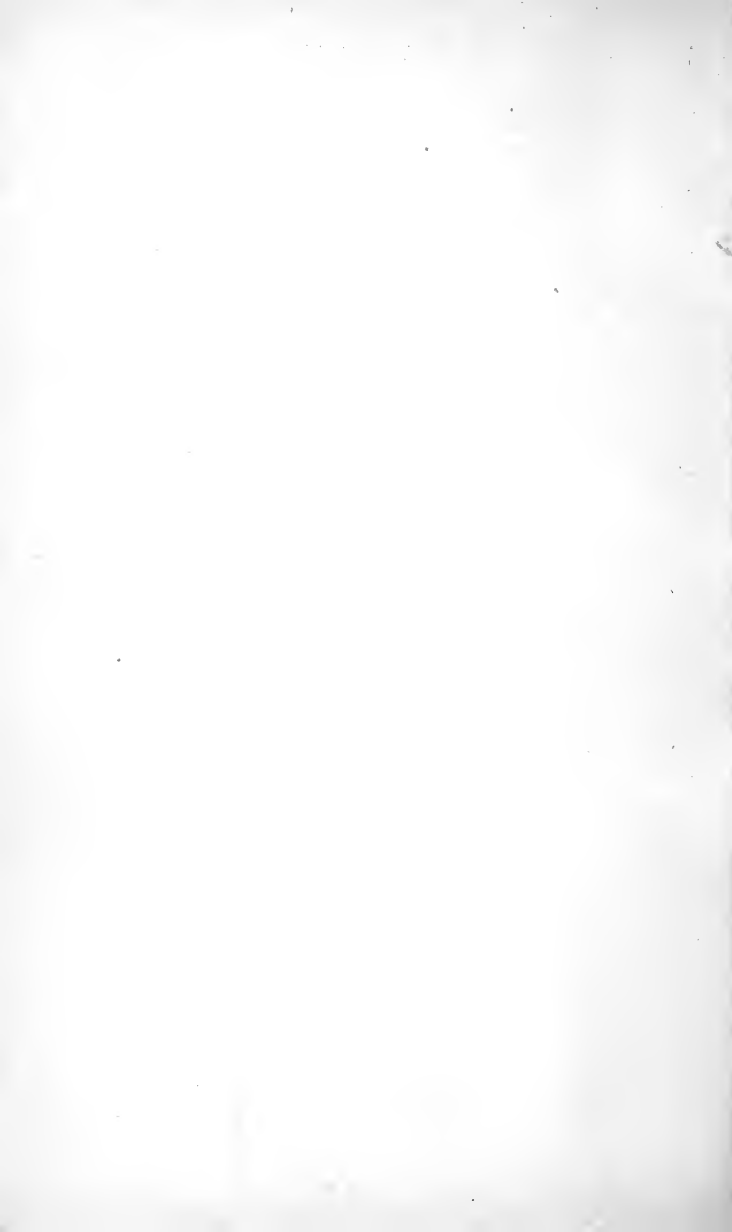
CAMELFORD'S ANCHOR, ENGLISH HARBOUR, ANTIGUA

The house on the hill was built for Prince William Henry, afterwards King William IV.



BRIMSTONE HILL, ST. KITTS

A now dismantled fortress (779 ft. high)



his feet, with the red blood gurgling round him, and, fearing the same fate, he obeyed Lord Camelford and took the watch. Lord Camelford was tried by court-martial but honourably acquitted, only to fall in a duel by the hands of Captain Best, a native of Barbados.

Like the students' prisons at Heidelberg University, the walls of the barracks at English Port bear many inscriptions written by former inmates and visitors, and among them is pointed out one painted by his Majesty King George V, when as Prince George of Wales he visited Antigua in H.M.S. *Canada*. It runs "A merry Xmas and happy New Year 2 You All." The first part of the dockyard—that known as St. Helena—was built in 1726, and in 1746 the wharves and buildings were erected by Captain Del Garro. The dockyard, with the lands, outbuildings, tanks, cemetery, and also Clarence House were transferred by the Admiralty to the Colonial Government in 1906.

In the churchyard of **St. Paul's Church** are the tombstones and vaults of, among others, the Hon. Charles Pitt, son of the Earl of Chatham, and Commander of H.M.S. *Hornet*, who died at English Harbour on November 13, 1780, aged 20; Brigade-Major Vans Agnew, 1804; and Brigadier-General Andrew Dunlop, 1804, descended from the family of Wallace, who lies in a vault within iron rails. In the church itself is a marble tablet inscribed to the memory of "Lieutenant Chas. Montague Barrow, 1835, who commenced his military career at Waterloo and died at the Ridge."

At Indian Warner on the Government lands at **Piccadilly** in the hilly district between Willoughby Bay and English Harbour, there is a vault in which Colonel Thomas Warner and others of the Warner family were buried. It is situated near the ruins of the old Great House.

A variety of pleasant drives can be taken from St. John's, including those to (1) Parham, returning by way of Vernon's (2 hours); (2) by way of Weir's, St. George's Church, and Millar's (1½ hours); (3) to Gunthorpe's Central Sugar Factory, Weir's, St. George's and Millar's (1¾ hours); (4) by the English Harbour road to Belle Vue, and thence by way of Vernon's to St. John's (2 hours); (5) *via* Marble

Hill, Weatherill's, Langford's, and Friar's Hill (1½ hours); (6) *via* Friar's Hill, Langford's, Thibou's, Judge's, and Cassada Garden, the estate of Major-General Poyntz, Governor from 1651 to 1663 (2 hours); and (7) to Devil's Bridge, on the extreme windward side of the island (6 hours).

BARBUDA

The Codrington Game Preserve

GENERAL ASPECT. The island of Barbuda, lying about 25 miles due north of Antigua, of which it is a dependency, has an area of 62 square miles. It is of coral formation and is very flat, its highest point being only 205 feet above sea level. It is surrounded by reefs, and the strong currents which set in to the land prove a constant menace to sailing ships. The island has no streams, but there is a plentiful supply of water which is obtained from wells.

INDUSTRIES. The staple industry of Barbuda is now the cultivation of Sea Island cotton, which is treated in a local ginnery. Indian and Guinea corn, beans, peas, cassava, potatoes, &c., are also raised by the natives, who do, too, a considerable trade with Antigua in live turtle, turtle-shell, dried fish, brooms, baskets, &c. The Government have established a stock farm to encourage the breeding of horses, mules, donkeys and sheep for export, and have also planted coco-nuts on a large scale.

CLIMATE. The climate of Barbuda is equable and healthy. Being so flat the island enjoys the full benefit of the sea breezes which sweep across it. There is very little sickness, and if only a hotel were built Barbuda would certainly be more resorted to by sportsmen than it is at present.

HISTORY. Barbuda was first settled by a party of colonists from St. Kitts under Sir Thomas Warner. The settlers were so harassed by the Caribs that they were compelled to desert the island, but when the strength of these savages had diminished they returned and were no longer molested. The island was granted to the Codrington

family in the eighteenth century, and was used by them as a stock farm from which their estates in Antigua were supplied with animals, and also as a shooting estate. In 1893 a company called "The Barbuda Island Company" was registered to acquire a lease of the island for fifty years from Mr. Robert Dougal, who had obtained it from the Government. There was every prospect of success before it until 1898, when trouble arose through natives invading the Company's property. This was the beginning of differences with the Government which culminated in the Governor of the Leeward Islands seizing Barbuda and all the Company's property. Legal proceedings followed, but without success from the company's point of view.

CONSTITUTION. Barbuda is a dependency of Antigua and is controlled by a staff comprising a manager, an assistant manager and an overseer. A magistrate visits the island two or three times during the year to settle any disputes which may arise among the members of the usually law-abiding community.

Manager

Mr. George Sutherland 1908

HOTELS. There are no hotels or boarding-houses; but arrangements can generally be made by the Manager to accommodate small parties of visitors.

MEANS OF COMMUNICATION. Small sailing sloops ply between Antigua and Barbuda, the average duration of the voyage being from five to six hours. This time may, however, be greatly exceeded if conditions are unfavourable, and in any case it is desirable to take plenty of provisions in case of emergency. Small sailing boats can be hired from the villagers in Barbuda for fishing at moderate rates.

SPORTS. Mr. George Sutherland, manager in 1914, has described Barbuda to the writer as a perfect sportsman's paradise. It is well stocked with fallow deer, originally introduced by the Codringtons; Guinea fowl, pigeon, doves, and wild duck (teal, widgeon, white throat, blue wing, pintail, whistlers and divers) all abound. Plover, curlew, snipe, &c., visit the island in August and September, and good sport can be obtained hunting the wild pig, which are

plentiful in the swamps and can be easily tracked after heavy rains. Excellent fishing is obtainable all round the coast, the fish including tarpon, king-fish, barracouta, snapper, cavally, &c. The shooting seasons for deer are from January 1 to March 31, and from July 1 to September 30, and the season for duck, pigeon, &c., from July 15 to February 1. A licence to shoot deer and other game can be obtained from the manager for 20s., which entitles the holder to three buck and as much other game as he cares to shoot in season; or a separate licence to shoot game other than deer can be obtained for 10s. No extra licence for fishing is required. The best pigeon-shooting is obtainable from the middle of August to the end of September, the birds flying in large numbers at that time; and the best tarpon fishing is obtainable between September and the end of February. A method of catching fish, lobsters, &c., peculiar to Barbuda, is practised in the lagoon near the village. Brushwood is piled in heaps at selected spots in the lagoon and allowed to remain undisturbed for two or three weeks; these heaps attract lobsters and fish in great numbers. Whenever it is considered desirable to obtain fish, these heaps are encircled by nets. This having been done, the men dive overboard and remove all the brushwood. The nets are then gathered into a boat bringing large numbers of fish and lobsters with them, as many as 200 lobsters being sometimes taken from one heap of brushwood.

PRINCIPAL SIGHTS. Barbuda has only one village—Codrington village—which is about three miles from the River Anchorage on the east side of a large lagoon. It has about 850 inhabitants, who are the descendants of the slaves introduced by Colonel Codrington. Most of their huts are of a primitive type, being built of wattle and plaster with thatched roofs. Each hut is enclosed within its own little stockade, and the whole appearance of the village is typically African. These conditions are, however, rapidly changing owing to the growing prosperity of the islanders, many of whom now emigrate to the United States of America and to Panama, and with the money made there return to their native island and build themselves substantial houses

of stone and wood roofed with galvanised iron. The villagers are a fine upstanding body of people, the majority of the men being over six feet in height. They are renowned as fearless sailors, great swimmers and keen fishermen, they make good hunters, and stock- and axe-men, but are no good as mechanics, taking little or no interest in such work. The women are in the majority, as the men leave the island in search of work in Antigua or elsewhere. They only have squatter rights on the island, but this entails no hardship upon them as they are not called upon to pay any rates or taxes, and are allowed to enclose as much land as they care to take up.

It is chiefly with the object of enjoying the sport which it affords that visitors occasionally patronise Barbuda, but they are unlikely to leave its shores without inspecting the Cotton Ginnery, the Anglican Church, and the Government Stock Farm. There are also two old forts which command attention, one at the River Anchorage with a fine Martello tower, and the other at Spanish Point at the south-east extremity of the island.

REDONDA

The Round Island

GENERAL ASPECT. Like Barbuda, Redonda, an isolated rock a mile long and a third of a mile broad, and rising to a height of 1000 feet, is a dependency of Antigua.

It is valuable on account of its deposits of phosphate of alumina, which were discovered in 1865 and are now being worked by the Redonda Phosphate Company under licence subject to the payment of 6*d.* per ton royalty. The exports now amount to nearly 7000 tons annually. This "lonely rock," as Charles Kingsley described it in "At Last," is rarely if ever visited by tourists, for whom it has little to recommend it.

ST. CHRISTOPHER or ST. KITTS*The Mother Colony of the British West Indies*

GENERAL ASPECT. St. Kitts, which forms one Presidency with Nevis and Anguilla under the Government of the Leeward Islands, lies in latitude $17^{\circ} 18'$ N. and longitude $62^{\circ} 48'$ W., 45 miles to the west of Antigua. It is about 23 miles long, and has a total area of 68 square miles. Its population is 26,283. The island is purely volcanic, and consequently very mountainous. The central part consists of a range of rugged mountains running south-east and north-west, which culminates in Mount Misery, 3711 feet high. These mountains, which are clothed with bush and grass, run down to the coast, and their lower slopes are densely cultivated in sugar-canes. The main range at its south-east end breaks into a semicircle which encloses a fertile plain, at the south-west of which is Basseterre, the capital of the island, situated on the shore of an open roadstead. At the south-east corner there extends a narrow isthmus not more than a mile or a mile and a half wide, which expands into a knob of land containing salt ponds. A strait called the Narrows, scarcely two miles in width, separates St. Kitts from Nevis at this point, while in between them is a tiny islet called Booby Island. On the lower levels the soil of St. Kitts is naturally rich and highly fertile. The soil on the east is stronger than that on the west, owing, it is believed, to volcanic activity having occurred during the prevalence of the trade-winds and to the consequent deposit of volcanic matter. The island is well watered, and Richard Blome's description of it, written in 1672, still holds goods: "The land lieth high and mountainous in the midft from which fpringeth feveral Rivers, which oft-times by reason of the Raines that falleth down the mountaines, are overflown to the detriment of the inhabitants." During the heavy rains, "washes" sometimes occur which do much harm to cultivation.

INDUSTRIES. Sugar is the chief industry of St. Kitts, where the old-fashioned muscovado variety is produced

to perfection on numerous small but very well-kept estates all round the island. A central Sugar Factory was opened near Basseterre on February 20, 1912, by a company called the St. Kitts (Basseterre) Sugar Factory Limited; and vacuum-pan sugar is also made on "Brighton" estate on the north coast of the island. Sea Island cotton is now successfully grown on several plantations, and it has been found that it can be used with advantage as an alternate or "catch crop" in rotation with sugar. Cocoa is also being grown in the more favoured and sheltered parts.

The principal exports in the year 1912 were as follows :

		Value.
Sugar, tons	11,130	£111,679
Molasses, puns	2,339	7,018
Cotton, lbs.	782,993	55,013

Of the exports £91,272 in value went to the United Kingdom, £75,429 to British Colonies, and £21,260 to Foreign Countries.

FINANCIAL POSITION. The financial position of the Presidency is shown by the following comparative table of its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expenditure.	Imports.*	Exports.*
	£	£	£	£
1903-4	39,126	44,782	137,074	121,888
1904-5	43,905	42,922	141,629	141,248
1905-6	48,330	45,234	162,950	215,227
1906-7	49,613	47,228	158,818	160,195
1907-8	50,351	47,170	180,347	189,903
1908-9	47,913	46,443	184,002	180,539
1909-10	48,122	47,932	172,220	182,446
1910-11	52,748	49,872	195,277	205,693
1911-12	58,002	50,737	306,666	190,747
1912-13	57,228	53,508	252,637	187,961

* Calendar years 1903-1912.

CLIMATE. St. Kitts is decidedly healthy, malaria being almost unknown among the inhabitants. The temperature

varies from 66° to 88° Fahr. The annual rainfall is 50 to 90 inches; the birth-rate is about 30, and the death-rate 29 per 1000.

HISTORY. St. Kitts was discovered by Columbus on his second voyage in 1493, and was called by him St. Christopher, because, it is said, he saw in its configuration a resemblance to that saint carrying our Saviour. The Caribs used to call it Liamuiga, or the Fertile Island. The island was also called Merwar's Hope, a name obviously compounded from the first syllables of the surnames of Ralph Merrifield, who arranged and fitted out the expedition to it, and of its coloniser, Thomas Warner.

Though Barbados was nominally taken possession of in 1605, a permanent settlement of that island was not effected until twenty-one years later, and therefore St. Kitts, which was settled by Mr. (afterwards Sir) Thomas Warner at the suggestion of Captain Thomas Painton, a seaman "as enthusiastic as he was experienced," in 1623, can claim the honour of being the mother colony of the British West Indies. Warner revisited England, and, on his return in 1625 with a number of settlers, he landed on the same day as D'Esnambuc, a privateering sailor from Dieppe, and in the face of a common foe, the Caribs, the English and French colonists settled down side by side, the former in the middle of the island and the latter at either end. A fierce battle was fought with the Caribs, who though numerous were eventually decimated, the survivors being chased into the sea. The Spaniards resented the French and English establishing themselves so strongly, and in 1629, with a fleet of thirty-eight ships, they nearly annihilated the growing colonies. The French left for Antigua and the English were deported. A few of the sturdy French settlers remained, however, and, when the Spanish fleet left, D'Esnambuc re-established his colony. During the war between France and England, the French attacked their neighbours and conquered the whole island, in spite of the assistance rendered to the Governor by Colonel Morgan, the uncle and father-in-law of the redoubtable buccaneer Sir Henry Morgan, afterwards Lieutenant-Governor of Jamaica. The English part of the island was,

however, restored to its former owners by the Peace of Breda in 1667. In 1689 the English were again expelled, but a year later the Barbadian baronet, Sir Timothy Thornhill, took the whole of the island, and it remained in England's possession for seven years, when the French had the portion which they formerly owned restored to them by the Treaty of Ryswick, in 1697. England again became sole mistress of the island in 1702, when the French capitulated to General Hamilton ; and a French invasion four years later having proved futile, the whole of St. Kitts was ceded to Great Britain by the Treaty of Utrecht in 1713. The French possessions in the island were publicly sold for the benefit of the English Government, and in 1733 £80,000 of the money realised was appropriated as a marriage portion for Princess Anne, who was betrothed to the Prince of Orange. In 1782 the French laid siege to St. Kitts and captured it, notwithstanding Sir Samuel Hood's meeting with De Grasse in the Basseterre Roads on January 25, when the French admiral was completely outmanœuvred, an event described by Captain Mahan as one of the finest feats in the annals of naval warfare. Hood induced his opponent to leave his anchorage, and, cleverly tacking, brought his ships to anchor at the precise spot which the French had just quitted, a manœuvre which was watched by a large number of onlookers from the slopes of Nevis. The island was, however, restored to England by the Treaty of Versailles in 1783, which followed Rodney's victory over De Grasse off Dominica on April 12, 1782. St. Kitts has been British ever since, although it was raided by Villeneuve in 1805, just before the battle of Trafalgar.

CONSTITUTION. The Government of St. Kitts, Nevis and Anguilla is administered by an officer entitled the Administrator. There is one Executive Council for the Presidency, consisting of the Governor, the Administrator, the Colonial Secretary, the Attorney-General, the Auditor-General, and such persons as his Majesty may from time to time appoint. The legislative body is styled the Legislative Council of St. Christopher and Nevis, and consists of six official and six nominated unofficial members, besides the Governor and the Administrator ; of the unofficials not

more than five may be appointed from among the people of St. Kitts and Anguilla and one at least is selected from Nevis. The Governor, or in his absence the Administrator, presides, and the President of the Council enjoys an original and also a casting vote. The Council meets in annual sessions at Basseterre in St. Kitts, and is convened at such times as the Governor or Administrator sees fit to appoint.

Administrators since 1888

J. S. Churchill (commissioner)	1888
T. Risely Griffiths, C.M.G.	1895
Charles T. Cox, C.M.G.	1899
Sir Robert Bromley, Bart.	1904
T. L. Roxburgh, C.M.G.	1906

HOTELS. **Basseterre.** The *Seaside Hotel*, pleasantly situated on the beach near the Treasury and wharf. Board and lodging, 8s. 4d. per day for a stay of a week's duration; for a longer visit special arrangements can be made. The *Newstead Hotel*, at which the terms are about the same, is situated in Church Street, about two minutes' walk from the wharf.

MEANS OF COMMUNICATION. St. Kitts is served by the steamship companies numbered 1, 7, 13, and 19 in the list given on pages 14 to 27. The boat fare from steamer to the shore is 1s. per passenger. Good carriages can be obtained from the stables of Mr. Seaton, near St. George's Church, in Basseterre. Tariff: Pair-horse Victoria to carry four persons, for the drive round the island, £2; to Brimstone Hill and back, £1 13s. 4d. Buggy to carry three persons: round the island, £1 13s. 4d.; Brimstone Hill and back, £1. Buggy to seat two persons: round the island, £1; Brimstone Hill and back, 12s. 6d. Carriages can also be hired from Mr. D. Matheson. Tariff: Carriage with two ponies, to hold four, 2s. 6d. per mile, 8s. 4d. per hour, or £1 13s. 4d. per day; or round the island to Brimstone Hill and back, £1 5s. A buggy to hold two persons can be hired at half of the above rates. The minimum charge for carriages is 8s. 4d., and for buggies

5s. Bicycles, for which the road round the island is well suited, can be obtained at a charge of 2s. per hour. A few motor-cars can also be hired.

SPORTS. St. Kitts has a cricket and lawn-tennis club, to which visitors with a satisfactory introduction are welcome. It is possible to obtain a little shooting, and boating can always be had when the weather is fine.

CLUBS. The St. Kitts Club in the Town Square is hospitable to visitors, and there is a Free Public Library near the Court-house at which the latest English papers and magazines are to be found. Visitors are also welcomed by the members of the newly formed Colonial Club.

PRINCIPAL SIGHTS. **Basseterre** (population 9019), which was completely destroyed by fire in 1867, was rebuilt in a greatly improved style. The houses are mostly of wood, but many are constructed of a greyish stone or of a rough-hewed stone covered with plaster, with the upper parts of wood. The streets, which are lighted at night by oil-lamps, are wide and clean. There is a serviceable telephone round the island. Blome in 1672 described Basseterre, which was then the French capital, as :

A Town of a good bigneis, whose Houses are well built, of Brick, Freestone, and Timber : where the Merchants have their Store-houses, and is well Inhabited by Tradefmen, and are well served with such Commodities, both for the Back, and Belly, together with Utensils for their Houses, and Plantations, as they have occasion of, in exchange for such Commodities which are the product of the Island. Here is a fair, and large Church, as also a publique-Hall, for the administration of Justice ; Here is also a very fair Hospital. Here is also a stately Castle, being the Residence of the Governor, most pleasantly seated, at the foot of a high Mountain, not far from the Sea, having spacious Courts, delightful Walks, and Gardens, and enjoyeth a curious prospect.

After landing at the pier one enters the town through an arch in the centre of the **Treasury Building** in which the Administrator's Office, the Custom House and Treasury, and the **Post Office** are located. The **Town Square** or **Circus** contains a memorial clock and fountain put up to the memory of the Hon. T. B. Berkeley, for many years a member of the Legislative Council of the colony, and a prominent citizen.

It is surrounded by tall and graceful cabbage palms. It is inscribed :

THIS
 DRINKING FOUNTAIN
 HAS BEEN ERECTED BY THE
 COUNTRYMEN AND PRIVATE
 FRIENDS OF THE LATE THE
 HONOURABLE THOMAS
 BERKELEY HARDTMAN
 BERKELEY, COMPANION
 OF THE MOST DISTINGUISHED
 ORDER OF SAINT MICHAEL
 AND ST. GEORGE, AND
 PRESIDENT OF THE GENERAL
 LEGISLATIVE COUNCIL OF
 THE LEEWARD ISLANDS, IN
 RECOGNITION OF THE MANY
 VALUABLE SERVICES HE
 RENDERED THIS HIS NATIVE
 LAND AS A PLANTER, A
 POLITICIAN AND A CITIZEN.

HIS STERLING QUALITIES,
 HIS LOVE FOR THIS ISLAND
 AND HIS DEEP INTEREST IN THE
 WELFARE OF THE COMMUNITY
 AT LARGE, ENTITLE HIM TO
 A MEMORIAL, BY WHICH HIS
 MEMORY WILL BE PRESERVED
 AND PERPETUATED.
 BORN, 14TH JANUARY
 1824
 DIED, 6TH NOVEMBER
 1881.

The prettiest feature of the town is undoubtedly **Pall Mall Square**, with a cool garden in its centre, which is laid out with tropical trees of great beauty and has a fountain. On one side of the square is the **Court-house**, where the Legislature meets and justice is administered. Near by is a **Free Library**, in which there are several portraits and pictures of interest, including a signed engraving of the Right Hon. Joseph Chamberlain, which is justly prized, and a renovated picture of the meeting between Sir Samuel Hood and De Grasse in Basseterre Roads in 1782, to which reference is made above, from the description of an eye-witness on the slopes of the neighbouring island of Nevis.

Government House is a large rambling building in Basseterre; but the Administrator usually resides at "Springfield," a charming house on rising ground a mile or so beyond the town. The Church of **St. George's** stands at the back of the town. It was rebuilt after the fire of 1867. The original church was built by the French in 1670, and it came into Anglican possession in 1713 at the Peace of Utrecht. Though a strong stone building, it succumbed to the hurricane in 1843. A new church was started on a different site, and its foundations may be seen in the churchyard. It was not, however, completed, and the present church is a restoration of one built in 1856, that was destroyed by the fire of 1867 which laid Basseterre in ashes. On the west wall there are the remains of what have been two handsome monumental tablets, and several very old tombstones in the floor of the south transept date from the beginning of the eighteenth century. One or two Governors lie buried in the churchyard, but some years ago a flood of rain swept over the mountains and washed a great deal of sand into the town, and many tombstones were thus covered up.

The **Botanic Station**, to the west of Basseterre, and the Signalling Fort form a pleasant afternoon's drive along the Bay Road, which was constructed during the Governorship of Sir William Haynes-Smith. The Botanic Station was established in the latter part of 1899, on land which formed part of a sugar estate, La Guérite, purchased by the local Government.

Brimstone Hill (779 ft.), a dismantled fortress ten miles from Basseterre, is deeply interesting. The hill is a mass of limestone overlying volcanic rock some 700 feet in height, which looks to the uninitiated as if it had been ejected *en bloc* from the craters of the central mountains of St. Kitts. Records in the island show that it was bought by the Government for £500, and that the principal fortifications were built by slave labour, each estates proprietor furnishing one out of every eighty slaves he possessed, for the purpose of their erection. Guns were first planted on the Hill by Sir Timothy Thornhill in 1690, and at a later date it was fortified by fifty pieces of cannon.

Though the massive fortifications were not completed until twelve years later, Brimstone Hill was considered one of the strongest posts in the West India islands when the memorable attack was made upon it in 1782. On January 11 of that year the Marquis de Bouillé, supported by De Grasse, landed 8000 men at St. Kitts. The garrison, under General Fraser, which did not exceed 600 men, at once retired to the hill, and was reinforced by Governor Thomas Shirley with 350 men of the Militia. In spite of Sir Samuel Hood's brilliant manœuvre on January 25, when he attacked De Grasse and took the anchorage at Basseterre which that gallant admiral had just left, the hill was closely invested. The inhabitants of St. Kitts, who warmly sympathised with the revolted American colonists, showed "a real or tacit and understood neutrality from the first arrival of the enemy." The French disembarked powerful artillery, which was destined for an attack on Barbados, at Sandy Point, but the ship containing the heaviest and most effective part of it struck the rocks and sank. They were lucky enough, however, to find eight brass twenty-four pounders, 6000 balls of that calibre, two 13-in. brass mortars and 15,000 shells which had not been carried up to the works owing to carelessness on the part of the defenders, waiting for them at the foot of the hill. These proved "a most seasonable and necessary supply to them in the prosecution of the siege." The French had their headquarters at Sandy Point, but the defenders plied their heavy cannon and mortars with such effect that the town was soon destroyed. Batteries were multiplied on batteries all round the hill; by day and night they cannonaded and bombarded the garrison, and the fire of twenty-three pieces of heavy cannon and twenty-four large mortars was concentrated on a spot of ground not exceeding 200 yards in diameter. Small wonder that the garrison, who displayed the greatest fortitude and patience, and lost only one man through desertion, were compelled to capitulate, which they did on February 13. They were accorded honours of war in the fullest sense, and every condition proposed, whether in favour of the garrison or the island of St. Kitts, was agreed to. The men of the 1st Battalion of the Royal

Scots and the flank companies of the 15th Regiment were sent to England pending their exchange, and the Marquis de Bouillé with his wonted magnanimity absolved by a particular article, as "an avowed acknowledgment of their gallantry," Governor Shirley and Brigadier-General Fraser from the condition of being considered prisoners of war. Governor Shirley was allowed to return to Antigua, and General Fraser to continue in the service of his country.*

The gates bear the dates 1793-1794—an anxious time in English history. The fortress was abandoned at the time of the Crimean War, just over half a century ago. It is still possible to trace the ruins of the various buildings, and among the people of St. Kitts there are several who recollect partaking of the garrison's hospitality on this spot, now deserted and overgrown in many places with bush, in which fragrant-smelling myrrh is found in profusion. It is not advisable to leave the beaten paths, though a ramble to the reservoir is interesting. This reservoir, which is built of solid masonry, provided an abundance of water for the garrison for many months. The local Government have of late devoted a small annual grant to the preservation of the fortress. When much of the bush and undergrowth was cleared away the ruins of many buildings, the existence of which had been forgotten, were brought to light. Among others were a hospital and barracks, which, it is said, had only just been completed when the hill was abandoned. A profitable lime-burning industry is carried on by the Government, under the charge of the Director of Public Works, at the foot of the hill.

Monkey Hill (1319 ft.) is a small mountain a few miles from Basseterre. **Sir Timothy's Hill** repays a visit. It is interesting, as having been the scene of a spirited action between the English and French when Major-General Sir Timothy Thornhill, who had landed at Frigate Bay, captured the island in 1690. An excursion to **Mount Misery** (3711 ft.), the extinct volcano which dominates St. Kitts, requires a day. The descent into the crater can

* A full account of the gallant defence of Brimstone Hill is given in "West Indian Tales of Old." London, Duckworth and Co.

be made without danger. At the **Weir**, a short distance from Basseterre, monkey shooting can be indulged in.

The drive **Round the Island** is an expedition which every visitor to St. Kitts should make. The distance is 30 miles and the time required is from 4 to 5 hours. Crossing the plain of Basseterre to the north-east of the island, one passes the large **Central Sugar Factory** (1 mile), belonging to a company called the St. Kitts (Basseterre) Sugar Factory Limited, which was opened in 1912. It is equipped with the most modern machinery and has about 19 miles of light railway for bringing the canes to the mill. The capacity of the factory is 8000 tons of sugar, and during crop time the buildings present a busy aspect. Permission to view the factory can be readily obtained by visitors with suitable introductions. Five miles farther are the **Brighton Sugar Works**, where vacuum-pan sugar is also made. The road from here onwards keeps quite near the coast. Several well-cultivated muscovado sugar estates are passed. At Molyneux an experiment with cocoa planting was made recently. Estridge estate buildings, about $1\frac{1}{2}$ miles farther, afford a notable example of the substantial work done with the help of slave labour by the old settlers. Below Bellevue estate a halt should be made at **Black Rocks** (12 miles from Basseterre). These rocks consist of huge masses of lava standing out in the sea, against which the deep blue water dashes itself into white foam. The rocks extend along the coast for a distance of about half a mile. Continuing the drive past the village of **Dieppe** or **Deep Bay**, two fine sugar estates, Willetts (right) and Belmont (left), are passed, and to the left one obtains a fine view of the central mountain to the edge of the crater, with a stretch of well-cultivated sugar lands on its lower slopes. At a distance of about 5 miles across the channel on the right is the little Dutch crater island of St. Eustatius. Proceeding, the rugged mass of Brimstone Hill (779 ft.) soon comes into sight, with its fortifications plainly visible, standing guard over the small town of Sandy Point (20 miles from Basseterre round the island). Sandy Point is now a town of small consequence, but St. Anne's Church deserves a visit, as it contains several

interesting mural tablets to the memory of officers who died on Brimstone Hill. These and the tombstones on the hill itself remind the visitor what a scourge yellow fever was in the old days. The ruins of the dwellings of former merchants and of storehouses furnish evidence of the former prosperity of the town. The **Leper Asylum** is next reached. It occupies an old fort—one of the outworks of Brimstone Hill. The road skirts the foot of the hill quite close to the sea, and a smell of sulphur reminds one of the existence of a submerged crater near by.

The next place which deserves a visit is St. Thomas' Church, at **Middle Island** (3 miles farther), in the churchyard of which—under a roof to protect it from the elements—is the tomb of Sir Thomas Warner, the founder of the colony. This great coloniser died at St. Kitts on March 10, 1648, universally respected. His tomb is inscribed :

An Epitaph vpon The ——
 Noble & Mvch Lamented Gent' Sir
 Tho Warner K Lievtenant
 General of y^e Carribee
 Ieland & Gover^r of y^e
 Ieland of S^t Christ
 who departed this
 life the 10 of
 March 1648.

First Read, then weepe when thou art hereby taught,
 That Warner lyes interr'd here, one that bought,
 With losse of Noble bloud the Illustrious Name,
 Of A Comander Greate in Acts of Fame.
 Trayn'd from his youth in Armes, his Courage bold
 Attempted braue Exploites, and Vncontroll'd
 By fortunes fiercest frownes, hee still gaue forth
 Large Narratiues of Military worth.
 Written with his sword's poynt but what is man
 midst of his glory and who can
 this Life A moment since that hee
 by Sea and Land so longe kept free
 mortal strokes at length did yeeld
 ace) to conquering Death the field.
 fine Coronat.

The church is the parish church of Old Road, a place which derives its name from the involuntary exclamation of Columbus upon his second visit to St. Kitts, "Ah! we

are at the old road again." In the course of the drive many ravines are crossed by winding roads made during the French occupation of the island. The protecting walls were so solidly built that they still remain practically intact.

At West Farm estate and on the adjacent lands Sea Island cotton cultivation can be inspected. The island of Nevis can now be seen in the distance, and one gets a view of Basseterre and its historic roadstead as the drive draws to a close.

NEVIS

Nelson's Island

GENERAL ASPECT. The island of Nevis (Nievis, or Mevis, as it used to be called in the old days) is separated from St. Kitts by a narrow strait only 2 miles wide, but from Basseterre, St. Kitts, to Charlestown, the capital of Nevis, the distance is 13 miles. The area of Nevis, which is situated between latitudes $17^{\circ} 05'$ and $17^{\circ} 13'$ N. and longitudes $62^{\circ} 31'$ and $62^{\circ} 37'$ W. is 38 square miles, and the population 12,945. Like St. Kitts the island is volcanic, and the general characteristics of both the islands somewhat resemble one another, but Nevis is to a great extent covered with volcanic ashes from former eruptions, while St. Kitts is almost free from them. Nevis is practically one large mountain cone rising to a height of 3596 feet.

INDUSTRIES. As in St. Kitts, sugar is the principal industry in Nevis, but of late years the exports of this commodity have been steadily declining in value. The cultivation of Sea Island cotton is, on the other hand, progressing. Yams, sweet potatoes, corn, &c., are also cultivated to a considerable extent. The trade statistics of the island are included with those of St. Kitts (*see page 313*).

CLIMATE. The climate of Nevis is very similar to that of St. Kitts, though the rainfall is less, the average for thirty years being only 53 inches. The thermometer ranges between 70° and 85° Fahr. during the greater part of the year. There are practically no streams in the island, and

the water-supply is derived from a catchment area of about 60 acres in extent high up on the mountain and stored in public reservoirs, which furnish Charlestown and some country districts with good water.

HISTORY. Nevis was discovered by Columbus in 1493, on his second voyage, and was so called by him owing to the cloud-capped summit of its peak, which reminded him of snow. The island was included in the grant to the Earl of Carlisle in 1627, and colonised by the English from St. Kitts in the following year. In 1629 the settlement was nearly destroyed by the Spaniards, and in 1706 it was ravaged by the French, who destroyed property to the value of half a million, and carried off between three and four thousand slaves. The island was taken by the French under the Marquis de Bouillé in 1782, but restored to Great Britain by the Treaty of Versailles in the following year.

CONSTITUTION. Nevis forms part of the Presidency of St. Christopher and Nevis, which also includes the island of Anguilla. They were united by a Federal Act of the Leeward Islands Legislature in 1882.

Magistrate

Mr. Charles C. Greaves 1911

HOTELS. **Charlestown.** The *Bath House Hotel*, recently reopened, is recommended. Board and lodging, 12s. 6d. per day, including use of the baths (*see* under *Principal Sights*). Special terms can be quoted for families or for a lengthened stay out of season. The hotels of *Mrs. Davoren* and *Mrs. Daniell* offer fair but limited accommodation. Board and lodging 6s. per day, or £2 2s. per week. Special terms for families or for a lengthened visit. Visitors provided with good references can also obtain lodgings with private families and live *en pension*.

MEANS OF COMMUNICATION. The island is served by the Royal Mail Steam Packet Company's inter-colonial steamers. It can also be reached from St. Kitts by sloop. The boat fare from steamer to the shore is 1s. per passenger. Several merchants in Charlestown have good buggies with one or two horses; no fixed tariff is adhered

to, but 1s. per mile is the usual fare. For the drive round the island, a distance of 20 miles, £1 os. 10d. is the usual fare; but for shorter distances a special agreement has to be made beforehand. Riding horses can be obtained for about 1s. per hour. Communication with St. Kitts was for a time effected by the subsidised motor-launch *Windrush*, but this service is, only temporarily it is hoped, suspended.

SPORTS. Golf can be played on a nine-hole course laid out by the proprietors of the Bath House, who have also provided lawn-tennis courts for the amusement of their guests. Excellent boating is obtainable, and the rates for boat hire are low. Good fishing can also be had. There is not much shooting, but on occasions in the fall of the year flights of plover give fair sport, and in the high lands mountain doves, as well as blue and ramier pigeons, can be obtained.

PRINCIPAL SIGHTS. **Charlestown**, the capital (population 1050), which lies on the shore of a wide-curving bay, calls for no particular remark, though the remains of the house in which Alexander Hamilton, the great American statesman who drafted the Constitution of the United States, was born on January 11, 1757, are pointed out. The ancestral estate, about 1½ miles to the south-east of the town, is still called "Hamiltons." In **St. Paul's Church** there is a window to the memory of the Right Rev. Daniel Gateward Davis, the first Bishop of Antigua, who had been previously Rector of the parish. He was consecrated in 1842, when the diocese of Antigua was separated from that of Barbados, and he died in London in 1857. A tombstone marks the vault which is the last resting-place of John Huggins (1763-1821), the founder of the Bath House, to which reference is made on the next page. It is inscribed :

Here lies the body of John Huggins, Esquire, who died on the 6th day of December, 1821, aged 58 years. He began a career of usefulness as a merchant in this town. In private life he was a firm friend, an affectionate husband, and a sincere Christian. In public life he gave universal satisfaction as Clerk of the Assembly and Deputy Treasurer of this island. Not many years before his death he became proprietor of the hot springs over which, out of good will towards his fellow creatures, he

erected convenient baths, and at a short distance a large and expensive stone edifice for the accommodation of invalids. This stone was put up by his widow.

The old **Bath House Hotel**, a conspicuous building a little more than $\frac{1}{4}$ mile to the south-west of Charlestown, should certainly be inspected. It serves as a link with the past, when Nevis was the most popular island in the Caribbean for white people and a fashionable health resort. It is here that the famous hot springs known as "The Bath" are situated, which have a temperature of 108° Fahr., and prove of undoubted efficacy in the treatment of gout, lumbago, sciatica, and kindred ills to which the flesh is heir.

The Bath House was erected by John Huggins, a merchant of Charlestown, whose remains lie in a vault in St. Paul's Church (*see previous page*), late in the eighteenth century. The actual date of its construction is not known, but on a stone the numbers 17— are still clearly decipherable, and the others might be 87 or 89. It is stated to have cost £40,000, and there is no reason to doubt this, for it is very solidly built of stone—so solidly, indeed, that it has withstood the earthquakes and hurricanes of over a century. The architect evidently sought to combine strength with coolness, for it has lofty vaulted roofs, stone corridors, and wide verandahs. The rooms too are exceedingly spacious and airy. For many years it was the fashionable health resort of the West Indies, but during the days of depression after the abolition of slavery it fell into disrepair and it was closed in 1870. Owing, however, to the enterprise of its present owners, Messrs. Gillespie Bros. and Co., of London and New York, it has reopened its doors and is again receiving the patronage of many visitors. The view from the verandahs over a wide expanse of sea, the town and the whole length of St. Kitts, with St. Eustatius beyond, is quite enchanting.

"The Bath" has also been restored and is now once more well patronised. Immediately above it a cooling lounge with open verandah is provided, which adds to the comfort of bathers. Mr. John C. Thresh, who recently analysed the water, reported that it closely resembled that from the Wild-

bad Thermal Springs of Wurtemberg, which are extensively used for chronic rheumatism and gout ; and he added that it contained no constituent which would render it deleterious for drinking purposes, and that he found it free from any signs of pollution. The analysis of the thermal water gave the following results, expressed in parts per 100,000 :

Calcium carbonate	14.0
Magnesium carbonate	15.7
Sodium carbonate	5.65
Potassium sulphate	3.1
Sodium sulphate	3.55
Sodium chloride	13.55
Sodium nitrate	3.3
Silica with trace of sodium silicate	4.85

Total solid constituents dried at 180° C. = 63.0 63.7

The efficacy of the waters was recognised as far back as 1625 by "Robert Harcourt of Stanton Harcourt in the County of Oxford, Esquire," who in his "Relation of the Voyage to Guiana," published in Purchas' Voyages, says of "Meues" (Nevis) :

In this Island there is an hot Bath, which as well for the reports that I have heard, as also for that I have seene and found by experience, I doe hold for one of the best and most sovereigne in the World. I have heard that divers of our Nation have there been cured of the Leprosie, and that one of the same persons now, or lately dwelt at Woolwich neere the River of Thames, by whom the truth may be knowne, if any man desire to be further satisfied therein. As for my own experience, although it was not much, yet the effects that I found it work both in my selfe, and other of my company in two dayes space, doe cause me to conceive the best of it. For at my coming thither, I was grievously vexed with an extreme cough, which I much feared would turne me to great harme, but bathing in the Bath, and drinking the water, I was speedily cured ; and ever since that time I have found the state of my body (I give God thanks for it) farre exceeding what it was before, in strength and health.

Again, in 1672 Richard Blome wrote of the springs as being "much frequented for the curing of the several

distempers of the Body of Man." The Rev. Mr. Smith, in his "Natural History of Nevis," 1745, tells how it cured a negro boy of leprosy. "Indeed all distempered People, both Whites and Blacks, find great benefit by it"; and he adds that after a bath and exposure to the trade-wind, and after partaking of half a pint of Madeira wine, he "was almost as nimble as Mountebank's Tumbler." Grainger in 1802 stated that the waters possessed all the properties of the Hot-well at Bristol. It was round the visitors to the Bath House, early in the nineteenth century, that the plot of "The Gorgeous Isle" was woven by Gertrude Atherton, who also deals at some length with Nevis in "The Conqueror."

It is in the country that the chief attractions of Nevis lie. **Fig Tree Church** (2 miles from pier), where the Register containing the entry of the certificate of Nelson's marriage to Mrs. Nisbet, a resident of Nevis, is kept, is 2 miles from Charlestown. The entry of the marriage certificate, which runs: "1787, March 11, Horatio Nelson, Esquire, Captain of his Majesty's ship the *Boreas*, to Frances Herbert Nisbet, widow," is shown to visitors. This historic register was brought to London at the Colonial and Indian Exhibition in 1886, where it attracted much attention. At the time of her wedding the bride was in her twenty-third year, and her late husband, a doctor, had been dead for eighteen months. Prince William Henry, afterwards King William IV, gave the bride away. The church also contains a mural tablet bearing the following inscription:

"William Woolward, Esq., of this island, died February 18th, 1779. He married the daughter of Thomas Herbert, Esq., to whose joint memory this tablet is erected by their only daughter, Frances Herbert, who was first married to Josiah Nisbet, M.D., and since to Rear-Admiral Nelson who for his very distinguished services has been successively created a Knight of the Bath and a Peer of Great Britain by the title of Baron Nelson of the Nile."

The ruins of **Montpelier** (2½ miles from pier), where Nelson's wedding was conducted, are also pointed out. The few remaining walls and gate pillars of the house are on private land belonging to Mr. J. H. Sampson, who

readily gave permission for the simple tablet to be erected which marks this historic spot. It bears the inscription :

ON THIS SITE STOOD
MONTPELIER HOUSE,
WHEREIN
ON THE 11TH DAY OF MARCH 1787,
HORATIO NELSON,
OF IMMORTAL MEMORY,
THEN CAPTAIN OF H.M.S. BOREAS,
WAS MARRIED TO
FRANCES HERBERT NISBET.

The hero's memory is also perpetuated by **Nelson's Watering-place**, a creek about 3 miles to the north of Charlestown; a local tradition states that the future victor of Trafalgar could daily be seen with his spy-glass on **Saddle Hill Peak** and **Battery** ($2\frac{1}{2}$ miles by carriage, $\frac{1}{2}$ hour on foot) while he was in the island.

About a quarter of a mile from Charlestown on rising ground is the old **Queen's House**, which is now the local hospital.

The **Jew's Burial Ground** on the north of the Government road and to the south-west of "Ramsbury" estate, which has lately been cleared of bush by Mr. H. C. Huggins, has much historic interest.

At **St. Thomas'**, Lowland (about 3 miles from Charlestown), there is a curious old tombstone, rescued some years ago from an old Quaker burial ground at Pollards, by the late Hon. P. T. Huggins, on which is inscribed the following epitaph upon Captain Jacob Lake, who succeeded Sir Thomas Warner as Governor of Nevis :

"HERE LYES THE MIROUR OF EACH MARTIAL MIND
RELIGION WHO CONFIRMED AND REFINED
IN ALL HIS ACTIONS WHO WAS FORTUNATE
AN ATLAS TO SUPPORT THE WEIGHT OF STATE
THIS ISLANDS SAFEGARD AND HER FOES DECREASE
THE FLOWER OF ARMES AND THE TOWER OF PEACE
NOW NEVIS MOURNE READING THIS EPITAPH
HERE JACOB RESTETH AND HERE LYES YOUR STAFFE.
HERE LYETH THE BODY OF CAPTAINE
JACOB LAKE ESQUIER LATE GOVERNOUR OF THIS ISLAND NEVIS
WHO DEPARTED THIS LIFE IN OCTOBER 1649."

By the side of this tombstone is another to the memory of Governor Lake's daughter.

A drive **Round the Island** is to be recommended. The distance is 20 miles, and the time required from 3 to 4 hours. The road is excellent, and the views obtained *en route* surpassingly attractive. To Newcastle at the extreme north of the island the distance is $7\frac{1}{8}$ miles.

The ascent of **Mount Nevis**, or Nevis Peak (3596 ft.), though unattended with difficulty, should be undertaken by the able-bodied only. The view depends largely upon atmospheric conditions, there being frequently a cloud capping the summit. When the weather is favourable, Barbuda, Redonda, St. Kitts, St. Eustatius, and Saba can be distinctly seen. Time should be considered as being of no object, and refreshments should be taken to beguile the tedium of the journey!

ANGUILLA

The "snakeless Snake Island"

GENERAL ASPECT. Anguilla, the most northerly of the Leeward Islands, about sixty miles north-west of St. Kitts, has an area of thirty-five square miles. The "Dogs" and neighbouring islets are dependencies of it. It consists of coral lying on trap rock and covered at irregular intervals by a mixture of red or yellow clay with coralline débris. Over about one-third of its area the coral is seen jutting out in boulders of various sizes, or stretching in belts from one side of the island to the other, and over another third there is but a thin layer of soil which is not sufficiently deep for agricultural purposes. The remaining third is very fertile.

INDUSTRIES. Cotton is now being successfully cultivated in the island, the chief industries of which have hitherto been the raising of live-stock and the production of salt and garden stock.

CLIMATE. Anguilla, which has a population of 4400, is very healthy.

HISTORY. The island, which derives its name from its resemblance to a snake, or possibly from its having been supposed to be infested with snakes, was discovered by Columbus on his second voyage in 1493. It was colonised by the English in 1650. In 1689 the settlers, having been maltreated by the Irish and French, were transferred to Antigua.

MONTSERRAT

The Emerald Isle of the West

GENERAL ASPECT. Montserrat, which lies in latitude $16^{\circ} 45' N.$ and longitude $61^{\circ} W.$, 27 miles to the south-west of Antigua and 33 to 35 miles from Nevis, has an area of about $32\frac{1}{2}$ square miles, and a population of 12,215. It is entirely volcanic, and has three groups of mountains, the highest elevation being the Soufrière (3002 ft.) in the southern part of the island. The hills rise in steady slopes from the sea, and are cultivated to a height of 1500 feet. The cultivated land is mainly on the western and south-eastern sides. A natural forest clothes the summits of the two main ranges, and as a consequence streams are plentiful; but the northern hills being almost denuded of trees, the land in that part of the island is for the most part dry and unprofitable. Plymouth, the chief town (population 1461), stands on the south-west coast, and has an open roadstead; behind it is St. George's Hill, standing out by itself. A peculiarity about the island is that its inhabitants speak with a distinct Irish brogue, which is traceable to the fact that in the seventeenth century the island was almost entirely peopled by Irish.

INDUSTRIES. Sugar is still produced in Montserrat, but only to a small extent, and it no longer ranks as the principal industry. The cultivation of Sea Island cotton has now taken its place and many acres are devoted to this crop. The cultivation of limes, originally begun by Mr. Burke in 1852, has since been carried on by the well-known Birmingham family of Sturge, and though the

plantations were devastated by a hurricane on August 7, 1899, they were with characteristic energy replanted, and the exports of limes and lime products have regained their former dimensions. Papain, the dried juice of the papaw, which is well known for its remarkable digestive qualities, is also being exported in considerable quantities. The principal exports in the year 1914 (which went mainly to the United Kingdom) were as follows :

Sea Island cotton, 289,234 lbs.	£19,356
Lime-juice and limes	10,456
Sugar, 104 tons	1,913
Papain	1,606

FINANCIAL POSITION. The financial position of the island is shown by the following comparative table of its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	£	£	£	£
1903-4 .	7,599	9,361	21,279	16,424
1904-5 .	7,237	8,361	20,885	21,640
1905-6 .	7,433	7,107	18,053	22,209
1906-7 .	8,732	6,578	22,507	22,486
1907-8 .	10,233	8,515	32,756	35,103
1908-9 .	10,950	8,796	40,132	45,304
1909-10 .	10,612	7,807	31,343	34,569
1910-11 .	12,262	11,365	38,106	34,393
1911-12 .	12,944	10,030	44,795	55,930
1912-13 .	11,932	10,556	40,526	42,053

CLIMATE. The climate of Montserrat is comparatively cool and very healthy, there being no indigenous malaria in the island, owing, probably, to the fact that it is so well drained. Though the southern part is rather dry as the result of deforestation, the north has an abundance of water. The mean annual temperature is 78° Fahr., the rainfall from 40 to 80 inches. The birth-rate is about 25 and the death-rate only 16 per 1000.

HISTORY. Montserrat was discovered by Columbus in 1493, on his second voyage, and named by him after a

mountain near Barcelona in Spain. It was first colonised by the English under Sir Thomas Warner in 1632, but was captured from them by the French in 1664. In 1668 it was restored to England, in whose possession it remained until 1782, when it capitulated to the French. It was again ceded to England in 1784, and since that date it has remained a British colony.

CONSTITUTION. Montserrat, which is one of the islands of the British Leeward Islands colony, has an Executive and a Legislative Council over which the Commissioner presides in the absence of the Governor. The King may appoint to the Council such persons, not exceeding four in all, as he may think fit, every councillor holding office during his Majesty's pleasure.

Commissioners since 1872

Neale Porter	1872
John Spencer Churchill	1887
Edward Baynes	1899
F. H. Watkins, I.S.O.	1900
Lt.-Col. W. B. Davidson Houston, C.M.G.	1906

HOTEL. Plymouth. Good accommodation can be got at *Coco-nut Hill House*, on a hill five minutes' walk from the town. Board and lodging, 8s. per day. Mr. Dudley Johnson, the proprietor, who is the Royal Mail Steam Packet Company's agent, meets the steamers as a rule and pays great attention to the comfort of his guests.

MEANS OF COMMUNICATION. Montserrat is served by the steamship companies numbered 1, 7 and 13 (*see pages 14 to 27*). The boat fare from steamer to the shore is 1s. per passenger. Weekly communication is maintained with Antigua and St. Kitts by a Government contract sloop. There are good driving roads through the island, but no livery stables; carriages and ponies can, however, always be obtained.

SPORTS. There is a lawn-tennis club and also a good cricket club, to both of which visitors are admitted. There are, too, a few private lawn-tennis courts.

PRINCIPAL SIGHTS. **Plymouth**, the capital (population 1461) has few attractions for visitors. The

churches, schools, and rectories in Montserrat all suffered very severely from the hurricane of 1899. Of the large school chapel of **St. Mary's**, situated in the town, only the chancel escaped destruction. The chapel was built in 1838 as a thank-offering for the emancipation of the slaves, and it was enlarged in 1885.

In **St. Anthony's Church**, just outside the town, are tablets to the memory of the Laffoon family, 1772, and the Hon: Alex Gordon, President of the island, who died on June 16, 1790. The original church was rebuilt in 1730, enlarged in 1893, and restored in 1900, after being destroyed by the hurricane in the preceding year. The silver chalices which form part of the communion plate bear an inscription to the effect that they were presented by the freed slaves as a thank-offering. They are inscribed:

“This Chalice was presented by the Free Labourers of this Island as a thank-offering to God for the Blessing of Freedom vouchsafed them on the 1st August 1838.”

In the south part of the island there is a school chapel built in 1891 and dedicated to **St. Patrick**.

Government House (5 minutes' walk from Plymouth) is an imposing-looking building of three stories surrounded by wide verandahs on the cliffs facing the sea. It stands on the site of a former Government House erected in 1750, and is surrounded by very beautiful grounds.

Gage's Soufrière ($\frac{1}{2}$ hour's ride) and **South Soufrière** ($1\frac{1}{2}$ hour's ride) should both be seen. Gage's Soufrière is quite near Plymouth, and is easily accessible. It would be an ideal spot for the erection of a bathing establishment, as there are hot and cold springs near it, the former being impregnated with mineral matter, chiefly calcium chloride. **South Soufrière** is beautifully situated on the south side of Chances Mountain, which rises to a height of 3002 feet in the southern group. It has several boiling springs and vents which emit steam and sulphurous vapours. Around it there are deposits of gypsum and sulphur.

A drive to **Harris Village** (about four miles from Plymouth) in the hills near the centre of the island is worth taking for the sake of the beautiful tropical scenery.

The island was once strongly fortified, and the ruins of many forts and batteries, including **Fort Barrington** and **Fort St. George**, can be visited. From the position of these defences, which protected the various roads and passes, it is evident that the fortifications were very carefully planned. Fort St. George is on the summit of St. George's Hill (1200 ft.), a ride of about 20 minutes from Plymouth. It commands a fine view of the town and surrounding country. Fort Barrington is an easy walk of about 20 minutes from Plymouth.

Visits may also be made to cotton, lime, and cocoa plantations. Few islands offer greater facilities for growing citrus fruits, spices, vanilla, and tropical produce generally.

Though the island is, perhaps, less prosperous than some of its neighbours, the fortunes of Montserrat are in the ascendant. This is clearly shown by the rapid growth in the value of its exports in recent years, the figures of which are shown on page 333. For visitors in search of quiet Montserrat affords a delightful haven of rest, and when the island becomes better known it will certainly be more appreciated.

DOMINICA

"Animis opibusque parati"

The Island's Motto.

GENERAL ASPECT. Dominica, which is the largest of the Leeward Islands, and the third in size of the British West Indian Islands, is 29 miles long by 16 miles broad, with a total area of 291 square miles, and a population of 31,943. It lies between latitudes $15^{\circ} 10'$ and $15^{\circ} 40''$ N. and longitudes $61^{\circ} 14'$ and $61^{\circ} 30' W.$, 85 miles south-east of Montserrat and half-way between the French islands of Guadeloupe and Martinique, from each of which it is distant about 30 miles. The island is of volcanic formation and very mountainous, having a range of lofty hills running north and south, with spurs branching off to the sea. Its mountains tower above those of all the other Antilles, and Morne Diablotin (over 5000 ft.) is the culminating peak of the Caribbean Andes. Dominica is well watered, and is said

to have 365 rivers, or one for every day in the year, though new-comers are generally told that one or two more have just been discovered! The rivers, which teem with fish, rise in the higher lands, and often form grand waterfalls in the course of their journey to the sea. The principal of them are the Layou and Pagoua, which nearly intersect the range of mountains in the middle of the island. At this part, the range resolves itself into undulating country of some 20,000 acres in extent, varying from 200 to 1500 feet in height, called the Layou Flats. This district, which is very fertile and admirably adapted for the cultivation of cocoa, coffee, limes, rubber, spices, oranges, and almost every kind of tropical produce, has undergone rapid development since it was rendered accessible by the Imperial Road, which is eighteen miles in length and extends to Bassinville. Roseau, the capital, on the leeward side of the island, has only an open roadstead, but Prince Rupert's Bay, on the west coast, near the north of the island, is a very fine natural harbour which would make a splendid coaling station if it were properly developed. It is protected by two hills—the Cabrits—at the end of a promontory on the north, which was once strongly fortified. William Gifford Palgrave, the great writer and traveller, considered that the natural beauty of Dominica surpassed that of any island in the eastern or western tropics. "In the wild grandeur of its towering mountains," he wrote, "some of which rise to 5000 feet above the level of the sea; in the majesty of its almost impenetrable forests; in the gorgeousness of its vegetation; the abruptness of its precipices, the calm of its lakes, the violence of its torrents, the sublimity of its waterfalls, it stands without a rival, not in the West Indies only, but, I should think, throughout the whole island catalogue of the Atlantic and Pacific combined." Twenty years ago the island was a veritable "Sleepy Hollow" of poverty and decadence, but now signs of progress and prosperity are in evidence on every side.

INDUSTRIES. The early French settlers pinned their faith on coffee, and by the end of the eighteenth century the exports of this commodity were valued at no less than £6,000,000. Then the plantations were attacked by blight

and, in the place of coffee, sugar was cultivated on the lower lands and about 6000 hogsheads were exported annually. Sugar has, however, for various reasons, long since ceased to be an important article of export from Dominica, and in many seasons only just enough is now manufactured in the island to satisfy local requirements. When the price of sugar fell to a point which made it no longer a remunerative crop, the planters, under the lead of Dr. John Imray, had the foresight to turn their attention to other industries, with the result that the products of the lime-tree (*citrus acida* var. *medica*)—under which are included fresh and pickled limes, raw and concentrated lime juice, citrate of lime, essential oil, and otto of limes—cocoa, and oranges are now the principal articles exported. As a lime-producing island Dominica is now far ahead of Montserrat, which received rather a severe setback from a hurricane in 1899, and as a cocoa-producing island more will be heard of Dominica in the near future when the numerous plantations established by enterprising young settlers from England come into full bearing. The island has a great variety of timber, the virgin forests containing lofty trees of fine woods for cabinet and building purposes, and sulphur must also be included among its products. Para rubber (*Hevea brasiliensis*) is grown on several estates, and the quality produced has been favourably reported upon. Now that arrangements have been completed for insurance against damage and loss from hurricanes, Dominica offers as good security for the investment of capital as Ceylon, the Straits Settlements, and other places far more distant.

The principal exports in the year 1912 were as follows :

Limes and lime products			
(Barrels of fruit)	. . .	370,000	£96,673
Cocoa (lbs.)	. . .	1,083,538	20,881
Essential oils (galls:)	. . .	6436	5516

The direction of the trade of the colony in the same year was :

	Imports.		Exports.
	£		£
United Kingdom . . .	65,436	...	58,389
British Colonies . . .	45,253	...	9,365
Foreign Countries . . .	50,412	...	54,611

FINANCIAL POSITION. The following is a comparative table of the revenue and expenditure, and imports and exports, of the colony for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.*	Exports.*
	£	£	£	£
1903-4 .	31,443	31,331	95,419	69,384
1904-5 .	30,982	31,032	91,088	63,016
1905-6 .	32,499	33,874	95,358	78,035
1906-7 .	34,149	31,055	103,224	106,246
1907-8 .	39,865	31,468	121,650	124,294
1908-9 .	40,500	36,541	153,114	112,013
1909-10 .	38,937	41,276	128,779	102,339
1910-11 .	41,473	39,050	147,322	112,111
1911-12 .	43,718	38,399	164,695	124,678
1912-13 .	45,185	40,123	159,529	152,458

* For calendar years 1903-12 .

CLIMATE. The climate of Dominica, which is always healthy, is at its best from the end of October until the beginning of June. The temperature on the sea-board varies from 70° Fahr. to 90° Fahr., but in the hills it frequently falls as low as 60° Fahr. The rainfall varies considerably, being about 80 inches in some parts and over 250 inches in others. During the winter months there is an almost constant sea-breeze blowing, and the nights are always cool. For over fifty years there has been no case of yellow fever in the island. The birth-rate is 24 and the death-rate only 22 per 1000. The climate is specially suited to people with a tendency to pulmonary complaints. Dr. H. A. Alford Nicholls has certified that for over thirty years no cases of typhus, enteric, or scarlet fever have occurred, and that white residents enjoy remarkable longevity.

HISTORY. Dominica derives its name from the fact that it was discovered by Columbus on a Sunday—the actual day being Sunday, November 3, 1493. The island was included in a grant with several others to the Earl of Carlisle; but every attempt to subdue the original Carib inhabitants having failed, it was agreed by the Treaty of

Aix-la-Chapelle, in 1748, that Dominica, St. Vincent, St. Lucia, and Tobago should be considered neutral, and that the Caribs should be left in undisturbed possession of them. In spite of this arrangement, the French, attracted by its great fertility, settled in the island and established plantations, but Dominica was wrested from them by the English in 1759, and assigned to Great Britain by the Peace of Paris in 1763. The lands were surveyed and sold by Commissioners in London in lots for £312,092. In 1778 the island was invaded by a French force under the Marquis de Bouillé, from Martinique, and the garrison capitulated on September 7, after a stubborn resistance. The French troops marched into Roseau, as we read "in most regular and solemn order, the drums beating a slow march, and the French soldiers, with small boughs and flowers in their hats by way of laurels, with assumed fierce countenances as they came by our small force, seemed to threaten it with instant dissolution." Matters became critical for the English, and island after island fell into the hands of the French; but Rodney saved the situation by inflicting a severe defeat on the French fleet under De Grasse in the memorable sea fight between Dominica and Guadeloupe on April 12, 1782, described on page 348, and Dominica, with all the other islands except Tobago, was restored to Great Britain by the Treaty of Versailles in the following year. The inhabitants were greatly elated at the restoration of British rule, and were so eager to assist in hoisting the standard of England on the flagstaff, that they nearly pulled the halliards to pieces and broke down the flagstaff by the force of their numbers. The French republican, Victor Hugues, invaded the island with a force from Guadeloupe in 1795, but he was beaten off, and the only other attempt to seize it was in 1805, when 4000 French soldiers under General La Grange landed, and, covered by an overwhelming fire from the ships, captured Roseau. The British Governor, Brigadier-General Prevost, effected a retreat to the fort at Prince Rupert's Bay at the north. But the task of reducing the colony proved too much for the invaders, and after burning Roseau—accidentally, it is stated—and exacting a payment of £12,000 from the inhabitants, they withdrew after five days, having

vainly summoned the Governor to surrender, and sailed to Guadeloupe. The House of Assembly voted General Prevost 1000 guineas for the purchase of a sword and a service of plate; the Patriotic Fund voted him £100 for a sword, and £200 for a piece of plate, and he was also presented by the West India Committee with a piece of plate of the value of three hundred guineas in recognition of the "distinguished gallantry and high military talents which he displayed on this occasion." On his return to England he was created a baronet. The centenary of this period, which is still spoken of locally as "La Grange," was celebrated in Dominica in 1905, when an exchange of courtesies by cable took place between the officers of the Duke of Cornwall's Light Infantry, which formed part of the defending force (the rest consisting of the Royal Artillery, the 1st West India Regiment, and the Colonial Militia), and the Administrator of the colony. A regimental dinner was held in honour of the occasion, at which plate presented to the regiment by the grateful colonists was used.

CONSTITUTION. The local government in Dominica, which was incorporated with the Leeward Islands in 1833, is conducted by an Administrator, assisted by an Executive Council of ten members. In July 1898, the Legislative Assembly, which was previously partly elected and partly nominated, passed an Act abrogating itself, and substituting the Crown Colony system. The new Council consists of twelve members, six official and six unofficial, all nominated by the Government under Royal letters patent. The Administrator presides in the absence from the Presidency of the Governor of the Leeward Islands.

Administrators since 1887

George R. Le Hunte	1887
P. A. Templar, C.M.G. . . .	1895
H. Hesketh Bell, C.M.G. . . .	1899
W. Douglas Young, C.M.G. . . .	1906
Edward Drayton, C.M.G. . . .	1913

HOTELS. **Roseau.** Good accommodation can be had at Mrs. Musgrave's boarding-house, the terms for board and lodging being 8s. 4d. per day, or £8 6s. 8d. per month.

At the boarding-houses of Miss Shew and Miss Jolly the terms are 8s. 4d. per day, with special rates for a prolonged stay. At the *Hotel de Paz* (Ferreira Co.) the terms for board and lodging are 12s. per day and upwards. Rooms 7s. per day.

MEANS OF COMMUNICATION. The island is served by the steamship companies numbered 1, 7, 8, 13 and 19 in the list on pages 14 to 27. The landing charge for steamer to the shore is 6d. The island being very mountainous and the rainfall heavy, it is difficult to keep the roads in good repair, and consequently carriages are not plentiful, and there are only one or two places where they are hired out as a business; but though fifteen years ago there was only one buggy in the whole island there is now no great difficulty about obtaining one when required. As there is no fixed legal tariff, it is advisable to settle terms before hiring. Riding is the principal means of getting about. The local horses or ponies are small, but sturdy and sure-footed. They can be hired in Roseau at from 6s. to 8s. 4d. for the day. On Sundays most people go out of Roseau into the country, and it is advisable to order horses a few days before, if they are required for that day.

COASTING STEAMER SERVICE STATIONS FROM	Time taken from Roseau.	Forward or Deck.	Aft or Saloon.
Roseau to :	Hrs.	s. d.	s. d.
Mahaut	$\frac{1}{2}$	6	1 0
St. Joseph	1	6	1 6
Colihaut	2	1 0	2 6
Portsmouth	$2\frac{1}{2}$	1 0	4 0
Hampstead	$3\frac{1}{2}$	2 0	6 0
Marigot	$5\frac{1}{4}$	2 0	8 0
Pointe Michel	$\frac{1}{2}$	4	9
Soufrière	1	6	1 6
Stowe	$1\frac{1}{4}$	1 0	3 0
Point Mulâtre	3	1 6	4 0
Rosalie	4 hr. 40 m.	1 9	5 0
Saturday excursion to Ports- mouth	—	—	4 6
Excursion round the island .	—	—	10 0

The coasting steamer *Yare* of the Royal Mail Steam Packet Company, which leaves Roseau every few days—inquiries should be made of the local agents—gives visitors an opportunity of seeing many points of interest round the island. The ports and fares are given on the opposite page: The *Yare* also visits Martinique (6 hrs., 14s.; return £1 1s.) and St. Lucia (12 hrs., £1; return £1 10s.) weekly, leaving, at present, on Sunday and returning on Tuesday.

SPORTS. Cricket, lawn-tennis, and croquet are the principal amusements, and there are clubs devoted to each, to which visitors are admitted if introduced by members. The lawn-tennis courts of the Dominica Recreation Club, which was founded in 1911, are said to be among the best in the West Indies. Cycling is possible over a limited area. A certain amount of shooting can be had, but it is scarcely worth the import duty on guns and cartridges. Wild pig are occasionally found in the interior, also agouti and opossum. There is fair river and sea fishing, and excellent river bathing.

SOCIAL CLUB. The Dominica Club is a flourishing institution, open to visitors upon introduction. The Free Library—the gift of Mr. Andrew Carnegie—opened in 1906, overlooks the sea and is also accessible to visitors.

PRINCIPAL SIGHTS. **Roseau** (population 5764), the chief town of Dominica, has, beyond its historical associations and a certain picturesque appearance, very little to commend it, though the country round is unequalled for beauty. It was in Roseau that Père Labat, at the close of the seventeenth century, met Madame Oubernard, the pure-blooded Carib Queen of the island, who was at the time of his visit one hundred years of age, and presented to her a couple of bottles of “eau-de-vie de Cannes”! The streets are wide, and during the last few years all the principal thoroughfares have been macadamised by the Roseau Town Board which, by setting a standard for new buildings, has also greatly improved the appearance of the town. The old streets have a gutter running down the middle, which is practically impassable during a tropical downpour of rain. The houses are for the most part constructed of wood, but many stand upon a stone foundation.

A terrace of better built houses faces the sea. Two fine iron jetties have been built for the convenience of passengers and trade. The town is connected with the telephone system, which extends all over the island, and it is lighted by electric light, the electricity being generated by water-power from one of the rivers.

The **Post Office** is situated almost opposite the new "Bell" jetty, and can be seen from the steamer. The **Victoria Museum**, in a building formerly occupied by the Victoria Memorial Library, was opened on October 23, 1911. It contains an interesting entomological collection, Dominican and West Indian Carib stone implements, &c.

The Protestant Church of **St. George's** was built in 1820 with money provided by a grant from the Legislature aided by public subscriptions, to replace one destroyed by a hurricane in 1818. It is a substantial stone building of no particular architectural merit; but the interior has a reverent and dignified aspect. The beautiful windows in the church were put in to the memory of various members of the Stedman family, which for nearly a century has been connected with the chief mercantile house in the island. The various mural tablets bear names of many who have been intimately connected with the government of Dominica, including the Hon. James Laidlaw, Deputy Commissary General Price, Lieut.-Col. Emes, William Frederic Scott Nicolay, Major John Langley, &c. In the churchyard stands the Imray Memorial School, a handsome wooden structure built by local members of the Church of England in memory of Dr. John Imray, to whom Dominica owes much of its present prosperity through the introduction of lime cultivation. In the old Church of England cemetery there are many interesting ancient tombstones, some of which date back to 1780. The **Roman Catholic Cathedral** also merits inspection. By far the greater number of inhabitants are Roman Catholics.

The Market, situated to the left of the "Bell" jetty and at the back of the Post Office, though less commodious than others in the West Indies, is well built, and amply serves its purpose. There is also a railed-off space forming an open market, for the use of which a small toll is exacted



ROSEAU, DOMINICA, FROM THE SEA
Where Père Labat met the Carib Queen and gave her *eau-de-vie*



A TYPICAL VALLEY IN DOMINICA
The Island has many fertile spots like this awaiting development



from those having wares and produce to sell. Early in the morning, during market hours, the scene here is busy and exceedingly diverting. Near the mouth of the Roseau River there is also a fish market.

The Public Garden was laid out under the care of Dr. John Imray, as a memorial of the federation of the Leeward Islands.

Fort Young, built in 1775, is now used as a Police Station, and the Ordnance Stores, built in 1784, have been turned into a Boys' School.

The **Botanic Garden** at the back of Roseau, about half a mile from the landing-place and on the right-hand side of the road which leads up the Roseau valley, is well laid out, and forms a never-failing source of interest to visitors. It was started during the governorship of Sir William Haynes-Smith in 1891. Almost every variety of tropical plant known can be seen there, and the oranges, limes, cocoa, rubber, nutmegs, pine-apples, &c., which are cultivated in quarter-acre patches, serve to show at a glance the advantages of the soil and climate of Dominica. Immediately above the garden to the south-west, is the **Morne Bruce**, an elevated plateau about 500 feet above the level of the sea. In a military burial-ground behind the Morne many British soldiers were laid to rest in the days when Dominica was garrisoned. The conventional tomb surrounded by railings is the last resting-place of General Trotter. The cemetery has in recent years been cleared of bush and planted with palms in the form of a cross. The Morne enjoys the reputation of being haunted, and the black folk will tell you that on dark nights the tramp of phantom soldiers and the notes of the bugle can be heard there. On the edge of the Morne, overlooking the garden, are precipitous cliffs, having at the foot easy slopes suitable for cultivation. The land is undulating, with a rich sheltered hollow immediately under the Morne. In other places the soil is somewhat stony, and not so suitable for the growth of plants. There is, however, no part of the land not adapted to some cultivation or other. The site is well sheltered from prevailing winds to the south and east. An abundant supply of water is available from the

mains of the Roseau reservoir, which pass through the middle of the station.

The **Bar Gate of Loubière**, $\frac{1}{4}$ mile south of Roseau, is a narrow pass which was the scene of the successful defence of the colony when it was attacked by General La Grange in 1805 (*see page 340*).

The famous **Sulphur Springs** of Wotton Waven, which are said to afford a remarkable cure for rheumatism and aches and pains in general, are an hour's ride from Roseau.

The excursion to the **Waterfalls**, a ride of $1\frac{1}{2}$ hours, through the beautiful Roseau Valley, is deservedly popular. Another favourite expedition, and one which will give the visitor an insight into the glories of tropical scenery, is that to the **Freshwater Lake** in the interior of the island. The lake is situated at an altitude of 3000 feet, and can be reached on horse-back in from $2\frac{1}{2}$ to 3 hours. The ride is a delightful one, not the least pleasing feature of it being the shrill note and incessant humming of the humming-birds, the sound of which is in marked contrast to the funereal tone of the "Siffleur Montagne," a bird of brilliant red and blue plumage, only to be found at high altitudes in Dominica. The Freshwater Lake in itself presents no remarkable features; but it is an object of awe and dread to the superstitious blacks, who associated it with all kinds of terrifying fables. Some believe it to be bottomless, and connected by an underground channel with a certain part of the sea between Pointe Michel and Soufrière called l'Abîme or l'Abys. They aver that this theory must be correct, for a brave Carib chief once dived into the lake, and reappeared at L'Abîme. Others allege that a mermaid lives in the water, and that she will assuredly drag them to her subaqueous home unless they devoutly cross themselves and utter certain incantations! The origin of such tales is probably to be traced to the legend related by Oldmixon as far back as 1708. The natives, he said, tell all strangers "a strange Tale of a vast monstrous Serpent, that had its Abode in the before-mentioned Bottom [an inaccessible Bottom among the high mountains]. They affirm'd, there was in the Head of it a very sparkling Stone, like a Carbuncle of inestimable Price; that the Monster commonly veil'd

that rich Jewel with a thin moving skin, like that of a Man's Eyelid, and when it went to drink or sported itself in the deep Bottom, it fully discover'd it, and the Rocks all about receiv'd a wonderful Luftre from the Fire issuing out of that precious Gem."

There is a rude shelter by the side of the lake, where mules can be tied up while the visitor proceeds afoot to the famous **Rosalie View**. Here there is one of the most magnificent vistas in the West Indies. From a foreground of tall tree-ferns, rubber trees, and a wealth of tropical foliage, stretch eight or nine miles of densely wooded valley and mountain, ending in the dim and blue distance with the surf-fringed shore of Rosalie Bay on the windward coast.

A visit to the **Boiling Lake**, which was rediscovered about twenty years ago by a party of three, headed by Dr. H. A. A. Nicholls, is a more serious undertaking altogether. The lake is really an active volcano, and may be described as a small geyser of boiling sulphur, about 300 feet long by 200 feet wide. The journey to it is arduous, and is not unattended with considerable risk. Visitors to the lake usually camp out in the woods or sleep at the village of Laudat overnight, in order to enable them to begin the more difficult part of their journey in the early morning. Two mountains, each about 3000 feet high, have to be traversed, and the descent of the second of these, the Morne Nicholls, is extremely dangerous, especially in wet weather, when the slightest slip may land one in a boiling spring at the bottom. Having safely negotiated these mountains, the "Valley of Desolation" is reached. Rightly has it received this appellation, for a more desolate locality it would be hard to find! Its chief characteristic is a number of springs of a variety of colours—coffee-coloured, red, black, and ashy-grey. After an hour's steady walking and climbing over gargantuan boulders, the lake itself is reached. The sight is awe-inspiring indeed. Frequently a rumbling is heard, and a large column of water is ejected to a height of 10 feet, while periodically the whole of the lake is emptied by means, it is presumed, of some subterranean channel. Palgrave, who visited the lake in 1876, described the phenomenon in these terms in his essay "West Indian Memories":

Fenced in by steep, mostly indeed perpendicular banks, varying from sixty to a hundred feet high, cut out in ash and pumice, the lake rages and roars like a wild beast in its cage; the surface, to which such measurements as we could make assigned about two hundred yards in length by more than half the same amount in breadth, is that of a gigantic seething cauldron covered with rapid steam, through which, when the veil is for a moment blown apart by the mountain breeze, appears a confused mass of tossing waves, crossing and clashing in every direction—a chaos of boiling waters. Towards the centre, where the ebullition is at its fiercest, geyser-like masses are being constantly thrown up to the height of several feet, not on one exact spot, but shifting from side to side, each fresh burst being preceded by a noise like that of cannon fired off at some great depth below; while lesser jets often suddenly make their appearance nearer the sides of the lake.

A ride should be taken along the **Imperial Road**, so named because it was a gift to the island from the Mother Country in 1898. The road was begun in 1899, and the cost, which was £15,000, was defrayed from Imperial funds. It is eighteen miles in length and extends to Bassinville. Unfortunately it has not been kept in as good a state of repair as is desirable, and it sadly needs metalling. The views from Sylvania of the mountains, and from Lancashire through the valley to the sea, seven miles distant, are indescribably beautiful. A few miles farther on is Riversdale, situated at the highest part of the Layou Flats.

A ride or drive for a few miles along the **Coast Road** to the north or south of Roseau conveys to the European visitor a good idea of the dwellings and of the manners and customs of the West Indian peasantry, which are a never-ending source of interest. About two miles to the south of the town is the fishing village of **La Pointe Michel**, which is fringed with graceful coco-nut palms. Many of the residents are refugees from the Martinique villages which were destroyed by the eruptions of Mont Pelé. A trip **Round the island** in the Royal Mail Steam Packet Company's coasting steamer *Yare* is well worth taking, giving as it does an opportunity of seeing Prince Rupert's Bay and the scene of Rodney's victory over De Grasse in 1782.

Island after island had fallen into the hands of the French, who were contemplating an immediate descent upon Jamaica, and the outlook was dark indeed when on February

19 Sir George Rodney arrived at Barbados. He proceeded to Gros Islet Bay, Saint Lucia, where he was kept informed by a chain of frigates and look-outs on Pigeon Island of the movements of De Grasse, who was lying in Fort Royal Bay, Martinique. On April 8 a preliminary engagement took place between Sir Samuel Hood and the French Admiral. Four days later, on the eventful April 12, one of De Grasse's vessels, which had lost her foremast and bowsprit, was being towed into Guadeloupe by a frigate when Rodney gave chase. De Grasse at once formed his line of battle. Rodney recalled his chasing ships and followed suit. An engagement soon became general. This was at 7 A.M., and at 11 the breeze freshened, and Rodney and Hood closed up with the enemy's van. The ships of the two fleets were in parallel line, and sailing in opposite directions, when Rodney, seizing his opportunity, executed the brilliant manœuvre, ever after famous, of breaking the enemy's line. By thus dividing the enemy's fleet into two divisions he secured a complete and signal victory. In the *Formidable* (90 guns) he next endeavoured to engage the *Ville de Paris*, sinking on his way the *Diadème* with a single broadside. Though he failed at once to reach the flagship, she was compelled to yield to the *Barfleur*, De Grasse fighting gallantly to the last, until only he himself and two unwounded men remained on the upper deck. This was at 6.30 P.M. The English lost 261 killed and 837 wounded; while of the French, no fewer than 14,000 were accounted for as being killed and wounded. In this memorable engagement, which secured to us our West Indian Colonies, the English fleet was slightly superior in numbers, consisting of 36 ships and 2640 guns, as compared with 34 ships and 2560 guns of the French, but the latter carried an extra complement of 5500 men and a complete train of battering guns and field pieces for the conquest of Jamaica. The *Ville de Paris*, a magnificent three-decker of 2300 tons and 110 guns, which was the gift of the City of Paris to Louis XV, and cost £176,000—no small sum for a single ship in those days—was sent home by Rodney as a prize with five others, and with three of his own ships which had been seriously damaged, under the

command of Admiral Graves, but unfortunately she and the *Glorieux* went down in a hurricane with all hands. A florid clock from the superb French vessel, the solitary hand of which was moved by the sentry on duty, can be seen at the Museum of the United Service Institution in Whitehall. Rodney reached England on September 21, 1782, and was at once raised to the peerage and granted a pension of £2000 a year in addition to the similar amount which he was receiving as a reward for defeating De Guichen off Martinique in 1780. He died on May 21, 1792, and a monument was erected to his memory at the Nation's expense in St. Paul's Cathedral.

In the market-place at **Portsmouth**, at the head of the bay, is an old stone structure, about 4 feet square, in a fair state of preservation. It is commonly called Prince Rupert's tomb, but is said to be that of Lord Cathcart, who died at sea while on a military expedition, and is alleged to have been buried here. In 1887 it was opened by some enterprising young midshipmen in the presence of Sir Clements Markham, who was the guest of his cousin in the *Active*, but no vestige of any remains was found. On an old War Office plan dated 1771, by Robert George Bruce and Nathan Marshall, engineers, it is certainly marked as Lord Cathcart's monument. On the Cabrits, the hills which form the north arms of the bay, are the old Governor's residence and the military buildings erected probably in 1770. Nelson, when on the West Indian station in the *Boreas*, frequently put into this harbour for wood and water.

By those desirous of visiting the **Carib Settlement**, the coastal steamer should be taken to Marigot, whence it can be reached on foot or horse-back, the distance being 11 miles.

Permission can readily be obtained to visit lime and cocoa estates, and many profitable days can be spent by the more enterprising visitors in exploring the virgin forests which still cover a great part of this beautiful island.

It is estimated that the available Crown Lands in Dominica comprise about 100,000 acres. They are sold at an upset price of 10s. per acre, and payment for blocks exceeding

100 acres can be spread over three or four years if desired. There is abundant room for young and energetic white settlers with a capital of £1500 and upwards, who can devote their attention to cocoa, lime, and rubber cultivation, while enjoying life amidst glorious scenery and healthy surroundings.

THE VIRGIN ISLANDS

St. Ursula's Archipelago

GENERAL ASPECT. The Virgin Islands consist of a group which lies in latitude $18^{\circ} 27'$ N. and longitude $64^{\circ} 39'$ W. about 60 miles to the eastward of Porto Rico. The British islands in this group include Tortola, Virgin Gorda, Anegada, Jost van Dyke, Peter's Island, and Salt Island, besides numerous small islets, and they have a total area of 58 square miles, and a population of 5562, or 95.9 to the square mile. Denmark owns St. Thomas, St. John, and St. Croix (*see page 367*), and America, Bieques or Crab Island and Culebra, the two islands nearest to Porto Rico; but it is doubtful whether all of these can properly be included in the Virgin group. **Tortola** (population 4222)—the name is the Spanish for "turtle dove"—is hilly and rugged, Mount Sage rising to a height of 1780 feet. It is an irregular-shaped island, 10 miles long by $3\frac{1}{2}$ broad, and is divided from Virgin Gorda by a channel known as Sir Francis Drake's Channel, through which that great navigator took his ships on his way to attack Porto Rico in 1595. Roadtown, the chief town (population 410), is a port of registry, and Road Harbour, on which it stands, is about 1 mile long by $\frac{1}{2}$ mile wide. It faces south-east and has a safe approach and deep water. **Jost Van Dyke** (population 350) is a rugged and mountainous little island due west of Tortola. Its name indicates its probable Dutch discovery and colonisation. **Virgin Gorda** (population 417) lies to the north-east of Tortola. It is square in shape, with two arms extending to the north-east and south-west, and it is almost broken into two distinct parts.

the south-west peninsula being flat, while the rest is rugged and mountainous, Virgin Gorda Peak rising to a height of 1370 feet. On the north side is Gorda Sound, forming a capacious and well protected, though not very accessible, harbour, and the south-western end is strewn with huge masses of granite extending to the south in a series of islets, the most notable of which, from its likeness to a ruined city, is known as the Old or **Fallen Jerusalem**. Hakluyt thus described Virgin Gorda: "La Virgin Gorda is an high island and round, and seeing it you shall espie all the rest of the Virgines which lie east and west one from another and are bare, without any trees." **Anegada** (population 459), the "inundated" island, is the most northerly of the Lesser Antilles. It has an area of 13 square miles and a population of 300. **Sombrero** (population 5)—known to generations of sailors as Spanish Hat, owing to its peculiar shape—is a bare rock rising from the sea to a height of 40 feet in the broad channel dividing the Virgin Islands from the Leeward Islands, to neither of which it belongs at present, though it is British. An English man-of-war's man named Jeffery was marooned on this island in 1807 by his commander as a punishment. He sustained life for eight days on a few limpets and rain-water, and was then saved by an American vessel on December 13, 1807. He received £600 compensation from the British Government. Captain Lake, his commander, was court-martialled and dismissed the service. Jeffery afterwards exhibited himself in London. Sombrero was once leased to a company which exported phosphates of lime, but the lease expired in 1893. On August 10, 1904, an Order in Council was passed annexing the island to the Leeward Islands at a date to be appointed by the Governor by proclamation. The remaining English islands which are inhabited are **Salt Island** (population 52), **Peter Island** (population 42), and **Thatch Island** (population 15).

INDUSTRIES. A small quantity of sugar is produced by peasants, who own and cultivate the land in the Virgin Islands. They also grow Sea Island cotton, raise cattle, and catch fish. They take their produce in small boats to St. Thomas, and this constant sailing among the reefs

and currents which surround the Virgin Islands makes them the finest seamen in the West Indies. They are a hardy, intelligent race, remarkably distinct from the inhabitants of the neighbouring islands. Their trade and intercourse is with the Danish islands, and to a smaller extent with Haiti and Santo Domingo. Fibrous plants, such as agaves and bromelias, grow wild in Tortola. The currency consists almost entirely of Danish silver and copper, which are not, however, legal tender. The native women are renowned for the Spanish drawn-thread work which they execute with great skill. The principal exports in the year 1912-13 were as follows :

		Value.
Cattle	1,106 head	£ 2,784
Charcoal	4,325 barrels	30
Cotton	49,483 lbs.	3,311
Limes	1,000 barrels	—

FINANCIAL POSITION. The financial position of the Virgin Islands is shown by the following comparative table of their revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	£	£	£	£
1903-4 .	2166	2342	4631	5602
1904-5 .	2502	2431	5409	4556
1905-6 .	2477	2511	5511	5077
1906-7 .	2425	2032	6412	5760
1907-8 .	2335	2050	7009	5951
1908-9 .	2278	2251	8629	7150
1909-10 .	2371	2334	7579	7519
1910-11 .	6091	5964	8717	6684
1911-12 .	8200	6446	9570	8852
1912-13 .	4795	4980	10,323	7258

CLIMATE. The climate of the Virgin Islands is more healthy than that of many other West Indian islands, the heat being less great. The thermometer rarely rises over 90° Fahr., and at night often falls as low as 65° Fahr. The

average annual rainfall is about 55 inches. The islands are occasionally visited by hurricanes.

HISTORY. The Virgin Islands were discovered by Columbus on his second voyage in 1493, and named by him in honour of St. Ursula and her fellow martyrs. Tortola is said to have been first settled in 1648 by Dutch buccaneers who were driven out by Englishmen of the same profession in 1666. The island and its dependencies were soon afterwards annexed to the Leeward Islands Government in a commission granted by Charles II to Sir William Stapleton.

CONSTITUTION. A civil government and courts of justice were established in the British Virgin Islands in 1773. In April 1867, an ordinance was passed to amend the constitution of the colony. It was therein enacted that a Legislative Council should be constituted, to consist of the Colonial Secretary, the Colonial Treasurer, and not more than three unofficial members to be nominated by the Administrator of the Government. This ordinance was repealed on May 1, 1902, and now the Governor of the Leeward Islands ordains the laws. There is also an Executive Council.

Commissioners since 1887

Mr. Edward J. Cameron	1887
Mr. A. R. Mackay	1894
Mr. N. G. Cookman	1897
Mr. R. S. Earl	1903
Mr. T. L. H. Jarvis	1909

HOTELS. There are no hotels in the Virgin Islands.

MEANS OF COMMUNICATION. A motor-launch frequently runs between Tortola and St. Thomas, which can be reached by the steamers of the companies numbered 3, 8, 15 and 19 in the list on pages 14 to 27.

The ponies though small are very sure-footed.

SPORTS. There is a Cricket Club in Tortola, and much enjoyment can be derived from boating, shooting, and fishing.

Tarpon (called locally "Bass," king-fish, cavally,

barracouta, &c., afford excellent sport for the rod, while pigeon, doves, and wild duck fall to the gun.

PRINCIPAL SIGHTS. Many very pleasant rides can be enjoyed in **Tortola**, which has a coast road extending for a distance of 20 miles from the west to the east end, and also bridle-paths in the mountains. The views from the mountain tops are magnificent, and so rare is the atmosphere that islands forty miles distant can be seen from them on a clear day. Near **Roadtown** are the **Botanical Gardens** and the Experimental Station established under the Imperial Department of Agriculture in 1900. Beyond these, the principal sights are two old cemeteries and **Fort Charlotte**, and an old Fort at Packwood Point.

On **Virgin Gorda** are the natural baths formed of massive blocks of granite, said to have been used by the Caribs, and the old copper-mine. On **Salt Island** the Salt Ponds are of interest, while on **Norman Island** the old Pirates' Caves should be visited. They can be reached in small boats. A few years ago an iron chest containing treasure was found in the caves.

CHAPTER XII

GUADELOUPE AND ITS DEPENDENCIES AND MARTINIQUE

GUADELOUPE

The Twin French Islands

GENERAL ASPECT. Guadeloupe, which has an area of 619 square miles and a population of 190,273, lies between latitudes $15^{\circ}59'$ and $16^{\circ}20'$ north and longitudes $61^{\circ}31'$ and $61^{\circ}50'$ west, between Montserrat and Dominica, and 79 miles north of Martinique. Properly speaking, it consists of two islands, Grande Terre (255 square miles) and Basse Terre (364 square miles) which are separated by the Rivière Salée, a salt river four miles long. The island is volcanic, and the highest peak, La Soufrière (4900 ft.), has numerous small craters, some of which still emit sulphurous fumes. At its side is the crater of l'Echelle, which has several active outlets. Grande Terre, the eastern portion of Guadeloupe, is flat, while the western division, Basse Terre, is very mountainous. The chief town is Pointe-à-Pitre (population 20,000) in Grande Terre, but Basse Terre (population 8626) is the seat of government.

INDUSTRIES. Sugar, which is cultivated mainly in Grande Terre, is still the principal crop of Guadeloupe; but cereals, cocoa, coffee, vanilla, cotton, cassava, yams, and potatoes are also produced. There is a heavy protective tariff against foreign goods, and the local love of politics has proved a serious hindrance to the development of the industries of the island. The principal exports in 1912 were sugar, 42,441 tons; coffee, 951,688 kilos; and cocoa,

918,573 kilos. The trade of the island is mainly conducted with France.

FINANCIAL POSITION. The financial position of the Colony is shown by the following comparative table of its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expenditure.	Imports.	Exports.
	Francs	Francs	Francs	Francs
1903 .	5,290,928	5,263,415	16,359,061	17,812,489
1904 .	6,050,560	5,985,289	13,260,380	12,933,271
1905 .	4,862,211	4,812,137	13,438,419	15,637,471
1906 .	4,868,917	4,836,963	12,867,069	15,434,609
1907 .	4,780,813	4,690,620	13,425,655	16,268,946
1908 .	5,708,447	5,619,409	15,076,507	17,360,443
1909 .	4,533,815	4,416,685	14,201,271	11,595,060
1910 .	4,663,667	4,663,667	16,804,237	24,053,098
1911 .	4,559,583	4,559,583	19,383,258	20,245,486
1912 .	4,604,186	4,704,126	19,524,116	26,084,302

CLIMATE. The average temperature of Guadeloupe during the tourist months is 68° Fahr., and the climate is quite healthy. The rainy season extends from July to November, the cool season from December to March, and the dry season from April to June. The island has numerous thermal bath resorts, notably Eau de Dolé, Sofaia, and Bains Jaunes.

HISTORY. Guadeloupe was discovered by Columbus in 1493, and was so named by him as a compliment to the monks of the monastery of Guadeloupe in Estremadura. The island was first occupied by the French in 1635, and captured from them by the English in 1759. After that it constantly changed hands between the two ; but after its capture by the French in 1810 it was handed to Sweden, by whom it was, however, relinquished in 1814. In the next year it was again taken by the English, but restored to the French by the peace of 1815.

CONSTITUTION. The administration of Guadeloupe and its dependencies is vested in a Governor, who is assisted

by a Privy Council and has under his order a Director of the Interior, a Procurator-General, and a Paymaster. There is also an elective General Council. The colony, which forms a department of France, is divided into three arrondissements, and comprises thirty-four communes with elective municipalities.

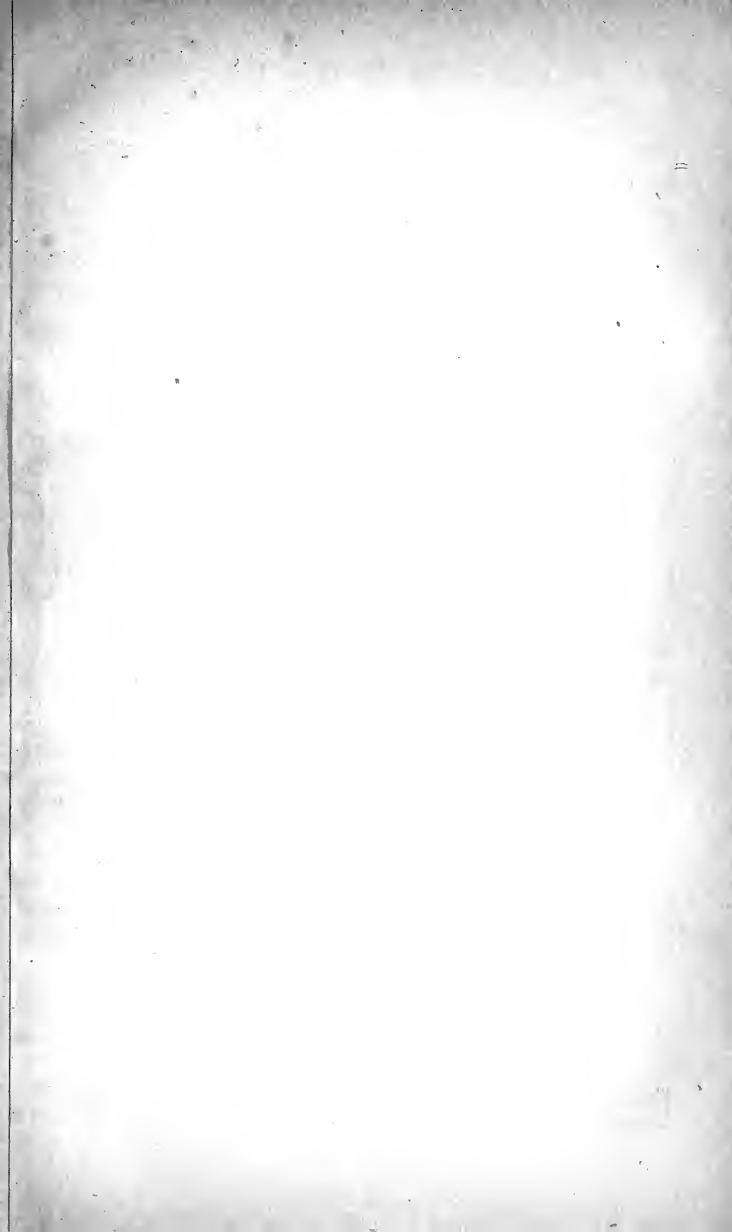
HOTELS. The *Hotel du Cours* and the *Anaida* at **Basse Terre**, and the *Hotel de Paris* and the *Hotel Moderne* at **Pointe-à-Pitre** are recommended. The charges are moderate, board and lodging being 10 to 12 francs per day.

MEANS OF COMMUNICATION. Guadeloupe is served by the steamship companies numbered 10 and 19 in the list on pages 14 to 27. The boat fare between the steamer and the shore is 1 franc. Horses and carriages are readily obtainable. Motors-cars leave Basse Terre for Pointe-à-Pitre and *vice versa* daily at 6 A.M. They call at various places en route and reach their destination between 10 and 10.30 A.M. A coastal steamer also leaves Pointe-à-Pitre for Basse Terre and the intermediate communes every Monday and Thursday at 8 A.M. and returns every Tuesday and Friday at the same hour. Other parts of the island can be reached by diligence and small steam and sailing craft.

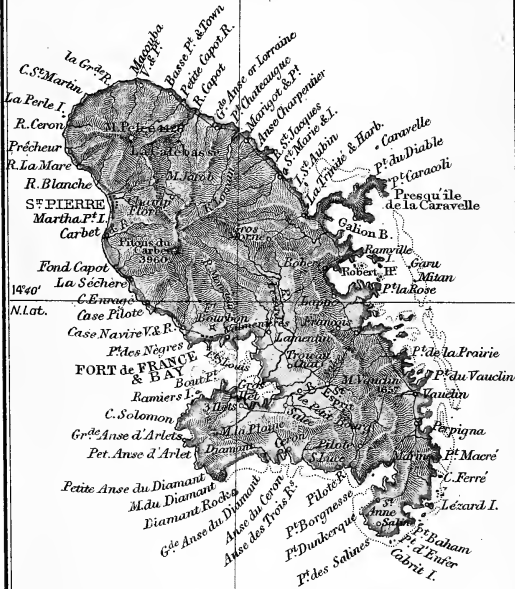
SPORTS. No outdoor games are played in Guadeloupe and the only sport to speak of is ramier (wild pigeon) shooting, which can be had in the mountains and forests. But the pursuit of the ramier necessitates a long journey and an absence of several days from town.

SOCIAL CLUBS. There is only one club in Basse Terre, the Cercle de Commerce. It is run on different lines from those of clubs in the British and American islands and is poorly patronised. The members all belong to one political party. There is also a small club in Pointe-à-Pitre.

PRINCIPAL SIGHTS. Guadeloupe is an extremely beautiful island richly endowed by nature, and its principal charm is its tropical scenery. The town of **Basse Terre** has few attractions for visitors beyond the novelty of the surroundings. It boasts a **Botanical Garden**, which has, however, been sadly neglected in recent years. In the



61° W. Gr.



MARTINIQUE

(French)

SCALE OF ENGLISH MILES



Grande C...
Tête à l'Anglais
Bahouanne I.
Grande Anse
Deshayes
Ferry P.
Pointe Noire
Botrel P.
Mahaut P.
Goyave I.
Pigeon
Lézard P.
Bouillante
Marquis P.
Barque Cove
les Habitants
Corps de Garde
Blond
le Ba
Pers
Basse
Richep
Vic



Basse Terre division of the island expeditions can be made to the **Soufrière**, passing the warm baths of **Bains Jaunes** en route, and to the baths of **Dolé** (10 kil., 1½ hours from Basse Terre), and **Sofaia**.

In **Pointe-à-Pitre**, the chief commercial centre of the island, the only "sights" are the Usine d'Arbaussier and the small Musée L'Herminier, which is devoted to natural history.

LA DÉsirADE, MARIE GALANTE, LES SAINTES, ST. MARTIN, ST. BARTHOLOMEW

GENERAL ASPECT. Guadeloupe has several dependencies, namely, **La Désirade**, 6 miles to the east, with an area of 10 square miles; **Marie Galante**, 16 miles to the south-east; **Les Saintes**, a former strategic position of great importance, which gave their name to the great sea fight between Rodney and de Grassein 1782 (*see page 348*), 7 miles to the south part of **St. Martin** (*see page 375*); and **St. Bartholomew**, a description of which is given below. Marie Galante was discovered by Columbus in 1493, and named by him after his ship. It was first settled by the French in 1647. The western coast is low, but the island rises gradually towards the north. Its population is about 14,000, and the soil is productive and yields the usual West Indian products abundantly. **St. Bartholomew** lies to the south of Anguilla, and about 108 miles to the north-west of Guadeloupe. Its eight square miles are very mountainous, and its soil, in spite of a scarcity of moisture, is not unfertile. Bananas, quassia, and tamarinds are exported. The chief town is Gustavia, near the port, which is not very accessible. The island, which was occupied by the French in 1648, was ceded to Sweden in 1784, but it was restored to France in 1877.

MARTINIQUE

The Home of the Empress Josephine

GENERAL ASPECT. Martinique, which has a population of 185,385, lies in latitude $14^{\circ} 40'$ north and longitude 61° west, between Dominica and St. Lucia, and is of an elongated shape, its extreme length being 49 miles, and breadth 13 miles. It is very mountainous, the highest elevation being Mont Pelé, rising to a height of about 4500 feet. The other mountains of Martinique are the three Pitons of Carbet, the highest of which is about 3900 feet above the level of the sea, Mont Conil, la Balata, which is about 1900 feet, le Mont Vert, le Vespré, whence the view extends over the east and south of the island, and le Vauclin, on the slopes and summit of which is cultivated the finest coffee in the island. The island has many streams and rivers, of which about seventy-five are of considerable size. During the rainy season they are frequently in flood, becoming raging torrents. The town of St. Pierre, which was the chief commercial centre of Martinique, having been completely effaced through the eruption of Mont Pelé in the manner described on page 363, Fort de France, the capital, with a population of 29,029, is now the principal commercial town of the island. It has a magnificent harbour, which is protected by three forts.

INDUSTRIES. Sugar is the principal industry of Martinique, and this crop suffered less from the eruptions of 1902 than cocoa, which is mainly grown in the north of the island. There are 35 sugar-works and 87 distilleries in the island, and it is estimated that 15,000 hectares of land are devoted to good producing crops. Coffee, indigo, mahogany and cinnamon also figure among the exports. Tobacco, too, is cultivated to some extent. The value of principal exports in 1912 were: Sugar, 13,752,450 frs., gum, 9,216,200 frs.; and cocoa, 1,046,350 frs.

FINANCIAL POSITION. The financial position of the colony is shown by the comparative table on next page of its revenue and expenditure, and imports and exports, for the last ten years.

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	Francs	Francs	Francs	Francs
1903 .	5,637,000	5,453,742	20,389,568	15,104,073
1904 .	5,197,175	5,095,713	14,987,791	12,645,521
1905 .	4,850,273	4,591,005	14,759,172	18,069,422
1906 .	5,161,503	4,868,128	14,907,882	18,812,130
1907 .	5,086,241	4,918,473	15,940,039	18,997,221
1908 .	5,251,582	5,224,998	15,363,285	20,785,091
1909 .	5,221,599	5,026,002	16,160,898	22,111,719
1910 .	4,727,715	4,727,715	19,562,847	27,587,223
1911 .	7,054,066*	7,054,066	19,854,859	22,582,729
1912 .	5,326,390	5,413,345	21,520,301	30,523,455

* Part of a loan of 3,000,000 francs was credited to the revenue in this year.

CLIMATE. During the months of November, December, January and February, the north-east trade wind prevails, and under its cooling influence the thermometer descends as low as 75° Fahr. in the towns and 66° Fahr. in the higher situations. The east wind blows from March to June, during which months the climate is delightful.

HISTORY. The date of the discovery of Martinique, which derives its name from the native Mantinino, is uncertain, but it is believed that the event took place in either 1493 or 1502. The island was settled by France in 1635, but was captured by the English in 1762, to be restored in the following year. Like Guadeloupe, it constantly changed hands between France and Great Britain, but from 1794 to 1800 it was the headquarters of the British forces in the West Indies. Martinique is historically interesting as having been the birthplace and early home of the Empress Josephine, and also the residence for some years of Françoise d'Aubigné, who married the dramatist Scarron, and was afterwards celebrated as Madame de Maintenon and as the wife of Louis XIV. The father of the Empress, M. de la Pagerie, was practically ruined by a terrible hurricane in 1767, in which 1600 persons perished.

CONSTITUTION. Martinique is administered by a

Governor, assisted by a Privy Council, and controlled by an elective General Council of thirty-six members. The island is divided into two arrondissements—Fort de France and St. Pierre—9 cantons and 32 communes, regulated by the French law of 1884.

HOTELS. **Fort de France.** The *Hôtel de l'Europe* and the *Grand Hotel*, facing the Savannah, are both recommended—pension about 12 francs per day. There are also several boarding-houses. Those who wish to make a stay will always be able to find accommodation outside the hotels, either by taking a whole house, which may be hired at from 100 to 120 francs per month, according to size, or by taking furnished apartments at a charge of 2 or 3 francs per diem, according to size and position. Washing is cheap and good.

MEANS OF COMMUNICATION. Martinique is served by the steamship companies numbered 1, 10, 19 and 27 in the list on pages 14 to 27. Landing at Fort de France is effected by shore boat. The roads are good, well cared for, and well suited for carriages, but the gradients are steep. The fare for carriages within the town limits is 5 francs per hour. The fare for the drive to the ruins of St. Pierre is: for a carriage for two 40 francs, and for a carriage for four 50 francs for the double journey.

PRINCIPAL SIGHTS. **Fort de France**, formerly Fort Royal (population 29,019), which has succeeded St. Pierre as the capital of Martinique, is situated between two rivers, the Rivière Madame and the Rivière Monsieur. It was from the bay, on the shores of which it stands, that De Grasse sailed to meet defeat but not dishonour in the memorable battle of the Saints on April 12, 1782. A peerless white statue of the Empress Josephine on the Savannah is the chief object of interest in the town. Josephine was born on Plantation La Pagerie, near the village of Trois Ilets, across the bay.

Places of interest which can be visited include the **Military Hospital**, **Law Courts**, and the **Roman Catholic Cathedral**. The **Cable Office** is at 17 Rue de la Liberté, and the **Post Office** at No. 11 in the same street.

Whatever other points of interest the traveller may

find in the West Indies, a visit to the ruined town of St. Pierre and a sight of Mont Pelé amply repay him for the voyage from England. The drive to the ruins of St. Pierre takes four hours each way. (For fares, *see* preceding page.)

Before the disaster, as the writer can testify, **St. Pierre**, situated in a cup-like valley enclosed by well-defined spurs of hills running down to the sea, was one of the prettiest and brightest towns in the West Indies. It was for all the world like a small French provincial city, with its cabarets and cafés, at the tables of which the Martinicans passed their leisure hours. A long, well-paved street ran the whole length of the town, and the houses on either side, with red roofs and green jalousies, were far better built than those in the neighbouring islands. Near the centre of the town was the Roman Catholic Cathedral, and along the sea front a shady boulevard, much resorted to by the *flâneurs* of the doomed city, over which towered the majestic and solitary peak of Mont Pelé, 4500 feet high.

Eruption of Mont Pelé. On the fateful May 8, 1902, after many premonitory symptoms, which were ignored by the majority of the people, a huge mass of fiery vapour burst from the side of Mont Pelé and enveloped the town, including the Opera House, the Cathedral, and the residences of the principal inhabitants, bringing death and destruction in its track. Indeed, not a building escaped the ravaging flames, and it is computed that fully 40,000 persons instantaneously lost their lives through asphyxiation or burning. Such a sight as Pliny witnessed in 79 A.D. was to be observed again at St. Pierre, and visitors to the spot will realise that here only in the world is a modern repetition of the ancient catastrophe. The unfortunate town, which has rapidly become overgrown with bush, contains no treasures of ancient or modern art, and will probably never be considered worth the labour of clearing, but by the shore much digging has been undertaken with a view to the possible re-establishment of St. Pierre, and such articles as molten and flattened globes, door-handles of glass, and other interesting relics of the disaster, are still to be found. On the hill above, the residents point with pride to a shrine, the image and cross of which, while the Cathedral perished

and with other large buildings is now only a mass of writhen and blistered iron girders, were untouched by fire or ash.

Of all those actually in St. Pierre only one man escaped, a criminal in the condemned cell. This building was situated with its back to the volcano, and, being of massive stone with a grated window facing seaward, neither flame nor ash could enter. His escape was not for long, as the shock was so great that he died from it two days after he was rescued.

The disaster has been graphically described by Mr. F. H. Watkins, I.S.O., then Commissioner of Montserrat.

For three months prior to the great outburst signs of active disturbance were manifest, and on 25th April 1902, at 8 A.M., the neighbourhood was darkened as by a total eclipse of the sun. A shower of fine white ashes fell steadily for two hours, covering the district north of St. Pierre to the depth of nearly half an inch. When the fall of ashes ceased, the weather remained gloomy and calm, and the crater still continued to emit smoke. Excessive heat was experienced throughout the West Indies at this time. The volcano increased in activity until the 2nd and 3rd of May, when a tremendous outburst of fire and lava overwhelmed the large Guérin sugar estate, situated to the north of St. Pierre, burying, it is estimated, more than 150 persons. Although the fall of ashes did not cease, and some of the inhabitants left for St. Lucia, most persons in Martinique were in hopes that this was the culminating effort of Mont Pelé; and these hopes were heightened on Wednesday, 7th May, by the news that the St. Vincent Soufrière was in eruption, and by the thought that the Martinique volcano would thereby be relieved.

After the destruction of the Guérin and other estates to the north, the terrified and destitute labourers crowded into St. Pierre, to the number of 5000, thus adding considerably to those destined to meet their fate in the crowning act of destruction.

The morning of the 8th May dawned on St. Pierre with nothing to distinguish it from the others of the previous week. With the exception of smoke issuing from Mont Pelé, no signs of impending disaster were apparent. Being a *fête d'obligation*, the stores and shops were closed. In the roadstead lay about seventeen vessels of different sizes, among them being the *Roraima*, a fine steamer of the Quebec Line. To the north, opposite what had been the Guérin estate, the cable-ship *Grappler* was busily restoring telegraphic communication with the northern islands. About seven o'clock the Scrutton steamer *Roddam* steamed up, but owing to some quarantine difficulties she was ordered to the place set apart for the ships in quarantine, and one anchor had been let go about eight o'clock. By being thus moored slightly

out of the full force of the eruption, the *Roddam* probably escaped the fate of the other vessels. In a moment, without warning, came the awful catastrophe. Those who survived stated that the whole side of the mountain seemed to gape open, and from the fissure belched a lurid whirlwind of fire, wreathing itself upon vast masses of flame as it descended with terrible speed upon the doomed town. Before the true extent of their peril could be grasped, the fiery mass swept like a river over the town, and, pushing the very waters of the sea before it, set the ships ablaze. In a few seconds, when the flames of the volcano had spent themselves, molten masses of lava and ashes, accompanied by a dense sulphurous vapour, asphyxiated those who had escaped death by fire and shock. The sulphurous fumes hung over the town for some minutes before being dissipated by a faint breeze, and then succeeded utter darkness, illumined by the burning houses and ships from which proceeded the shrieks of the few survivors. The *Grappler* was the first vessel to catch fire, and was soon seen to turn over and disappear, capsized probably by a sort of tidal wave caused by the force of the explosion. Some of those down in the hold and in the forepart of the *Roraima* managed to escape, but the steamer was burned to a mere shell. The *Roddam* alone escaped. Soon after her anchoring in the quarantine grounds the eruption took place, and immediately afterwards molten lava fell on the ship. In a few minutes a second explosion took place, causing the sea to become a raging cauldron, and this appears to have parted her anchor and caused her to drift. On board were fifteen labourers from Grenada looking after the cargo, seven of whom were roasted alive on the deck, while eight jumped overboard. The chief engineer, the first and second officers, and the supercargo lost their lives. Of the forty persons who left St. Lucia, only ten or twelve returned alive after taking nine hours to steam forty miles. Severely burned on his hands and face, Captain Freeman managed to bring his vessel to port.

The French cruiser *Suchet* landed search parties at 1 A.M. on the 9th, but they were unable to penetrate into the town, which was still in flames. Some of the streets were lined with corpses. The only person in the place reported to be saved was the criminal referred to previously, though many refugees reached Fort de France before the disaster.

By an irony of fate, the *Roddam*, which, like H.M.S. *Calliope* at Samoa, was the only vessel saved from destruction, became a total wreck in the Yellow Sea on September 26, 1905.

A word may be added with regard to the name of the mountain, which is often incorrectly given as Mont Pelée,

while it is really Mont Pelé or La Montagne Pelée, "the bald mountain." To call it Mont Pelée is as ungrammatical as it would be to call the highest mountain in Europe Mont Blanche or La Montagne Blanc. It is a point of interest in connection with the name of the mountain that in Hawaii the goddess Pelé is credited with a volcanic residence, and that at Kilauea the tassels of fused obsidian are known as Pelé's hair!

Rocher du Diamant or **Diamond Rock**, an account of the gallant defence of which by English sailors in 1804 is given on p. 277, lies off the south coast of Martinique.

CHAPTER XIII

ST. THOMAS, ST. JOHN, ST. CROIX, ST. MARTIN, ST. EUSTATIUS, SABA, AND CURAÇAO

ST. THOMAS

The Buccaneers' Retreat

GENERAL ASPECT. St. Thomas lies in latitude $18^{\circ} 20' N.$ and longitude $64^{\circ} 55' W.$, 40 miles to the east of Porto Rico and 150 miles north-west of St. Kitts. Owing to its geographical position and fine harbour St. Thomas has long maintained an important position in the West Indies. It is well known as the headquarters of several lines of steamers, a coaling station, and a port of refuge. There is always a good stock of coal kept there, and the island is as unrivalled in the West Indies for the facilities which it affords for the expeditious coaling of steamers by day or night, as it is for its docking arrangements, shipyards, and repair shops. The island is the headquarters in the West Indies of the West India and Panama Telegraph Company, the Hamburg-American Line, the vessels of which make nearly two hundred entries into the port in the course of a year, and the East Asiatic Company of Copenhagen. The population amounts to about 10,000 souls, but owing to emigration, principally to the neighbouring republics of Santo Domingo and Haiti and to the United States of America, it has been declining in recent years. The island, the area of which is 32 square miles, is of volcanic origin, and has a range of hills running east and west, which slope down to the sea.

Charlotte Amalia, the principal town, is built upon three spurs of a mountain, and it is easy to see that the harbour occupies the crater of an extinct volcano.

INDUSTRIES. Sugar was once the principal industry of St. Thomas. Bay-rum, which is manufactured from leaves of the bay tree (*Pimenta acris*) grown in the neighbouring island of St. John, is now, however, practically the sole article of export. Tropical fruits and ground provisions are produced in considerable quantities for local consumption. St. Thomas was once the principal entrepôt in the West Indies, and purchasers from the other islands and from Central and South America used to go to it for their supplies. Since the establishment of steamship lines and the telegraph system they have found it more convenient to deal direct with the merchants and manufacturers in Europe and America and to receive their goods direct. St. Thomas now only supplies some of the Virgin Islands and, occasionally, Haiti and Santo Domingo.

FINANCIAL POSITION. The imports into the Danish West Indies (St. Thomas, St. John and St. Croix) in 1912 were valued at \$1,394,760 and the exports at \$482,192.

CLIMATE. The climate of St. Thomas is healthy for Europeans, and particularly enjoyable during the winter months. The greatest heat is experienced in August, September and October, but the thermometer rarely rises above 91° Fahr., while it sometimes falls as low as 64° Fahr. in the months of January, February and March.

HISTORY. Columbus found St. Thomas inhabited by Caribs and Arawaks when he discovered the island in 1493. In 1657 it was colonised by the Dutch, but the colonists departed to what is now New York, giving place to the English twenty years later. It is the oldest of the three Danish colonies in the West Indies, having been taken possession of on behalf of the Danish Crown on March 30, 1666. In 1671 the Danish West India and Guiana Company was formed in Copenhagen, and acquired the island. After

slavery was introduced in 1680 St. Thomas enjoyed great prosperity. The island was purchased from the company in 1755, and the King of Denmark took the government into his own hands, throwing open the port to all nations in 1764. The British held the island for ten months in 1801, and again from 1807 to 1815, when it was restored to Denmark, in whose hands it has since remained. Slavery was abolished in St. Thomas in 1848. In 1867 a proclamation was issued announcing the approaching cession of the island to the United States, but the Senate refused to ratify the Convention, and negotiations were broken off; in the year 1901 negotiations were again opened for the purchase of the island by the Americans, and the Danish Folkething voted for the transfer, but the Landsting in 1903 rejected the treaty by a tie vote; so St. Thomas still owes its allegiance to Denmark.

CONSTITUTION. The Governor resides in the island for six months of the year—from October 1 to March 31. During the other six months he resides in the sister colony of St. Croix. He is assisted by a Colonial Council, consisting of four members nominated by the Crown and eleven elected members. One half of the Council retires every second year.

HOTELS. *Charlotte Amalia.* At the *Grand Hotel*, at Mrs. E. V. Taylor's establishment, called "1829," and at the *Hotel Italia* the terms for board and lodging are 8s. 4d. per day. There are also several lodging houses.

MEANS OF COMMUNICATION. St. Thomas is served by the steamship companies numbered 3, 8, 15 and 19 (*see pages 14 to 27*). The steamers lie alongside the wharves and there is no landing fee. Carriages and horses can be obtained from one or two private individuals.

SPORTS. There are two lawn-tennis clubs to which visitors are welcomed, and the boating and bathing to be enjoyed are above the average. Good sea-fishing can be had in all the bays. The roads are excellent for cycling.

PRINCIPAL SIGHTS. St. Thomas has a very pic-

turesque and at the same time exceedingly valuable harbour. It is almost completely land-locked, being surrounded on three sides by hills, and has a great depth of water. A floating dock owned by the St. Thomas Dock, Engineering and Coaling Company Ltd., which is capable of raising vessels of 3000 tons gross weight and 300 feet keel, is moored in a sheltered position. It began operations in 1875, since which year it has raised and lowered over a thousand vessels. A notable feature of the port is its well-appointed **Quarantine Station**, which has become quite a place of resort for visitors, especially during the warmer season, when it is not being used for its proper purpose. The town of **Charlotte Amalia** (population 8000), so called after the consort of King Christian V, which straggles over three spurs of the mountains down to the water's edge, is singularly beautiful when seen from the deck of the ship as one enters. The towers known as Blackbeard's and Bluebeard's castles are conspicuous on the hillside. Near the water's edge is the brilliantly red Danish fort. In 1912 a West India Company was formed in Copenhagen for the purpose of dredging and improving the harbour and for providing docks, warehouses, &c. The streets of Charlotte Amalia are clean and the houses well-kept. The town is well policed, and the writer has met a visitor to it, who, after dining not wisely but too well, was compelled to expiate an overnight offence by sweeping the streets next morning. If the visitor is a good pedestrian, and desires to obtain a splendid bird's-eye view of the town, harbour and sea, with glimpses of St. Croix, and, if the day be clear, of Porto Rico and Bieques in the distance, he cannot do better than climb the hill to the north-east of the town, proceeding as far as **Mafolie**. If he desires a more extended view, he should choose the hill to the west end of the town, known as **Frenchmen's Hill**—which owes its name to French Huguenots who took refuge in the island, and once lived there in some numbers—continuing afoot as far as **Solberg**. An hour's walk in the first instance, and a somewhat longer one in the second, will give him as fine a view as can be seen in the West Indies, or, for that matter, in any part of the world. Either of

these trips can be made on horseback, but as the hills are very steep, and the roads sometimes rugged, it is well to make sure that the animal to be ridden is sure-footed. If the visitor be a cyclist, with only a short time at his disposal, he will find good roads to the east of the town as far as a sugar estate, whence he can return by a circuitous route, and, passing through to the west, proceed as far as **Nisky**; he will thus obtain a view of the suburbs and main street, but will miss the beautiful views which can be obtained from the hills. A few minutes' walk up the hills to **Blackbeard's** or **Bluebeard's Castle**, in the neighbourhood of the town, will repay the pedestrian. These two castles are supposed to have been the headquarters of two celebrated buccaneers, and many romantic tales are told regarding them. Bluebeard's Castle was really built by the Government in 1689 and was called Frederiksfort. It was used as a fort until 1735, and was sold with the surrounding land to a private individual in 1818. Blackbeard's castle on Government Hill dates from 1674, when it was built by one Carl Baggert. John Teach, or Blackbeard, who is said to have lived in it, was a scoundrel of the deepest dye. In "Tom Cringle's Log" he is described by "Aaron Bang, Esquire" as :

The mildest manner'd man
That ever scuttled ship or cut a throat ;
With such true breeding of a gentleman,
You never could discern his real thought.
Pity he loved adventurous life's variety,
He was so great a loss to good society.

He had fourteen wives, and one of his favourite amusements was to take his comrades to the hold of his ship and half suffocate them by kindling brimstone matches. He would also blow out all the candles in his cabin and blaze away with his pistols right and left at random. He eventually died in a desperate encounter with the frigates *Lime* and *Pearl*.

By visitors staying more than a day in St. Thomas many interesting excursions can be made, either on foot or on horseback. Among the expeditions recommended by

Mr. John N. Lightbourn, whose name is so well known in St. Thomas, are the following :

(1) From Charlotte Amalia to the east end of the island, commonly known as **Water Bay**. For driving, a strong horse is needed, as there is a steep ascent, and the return journey must be over the same road.

(2) From the main road to the east to **Tetu** estate, passing on the way **Benders** and **Bovoni**. By following this route the tourist is able to visit the Mangrove Lagoon, at Bovoni ; and if he procures a boat from the fishermen there, which, as a rule, he can easily do, and takes a row across the lagoon, he will have a unique experience, which will probably leave many pleasant recollections behind. He must not forget, however, to take provisions, as none can be obtained on the journey.

(3) From the hamlet of **Mafolie**, round to St. Peter's, Brown's, Solberg, and down Frenchmen's Hill. This route is unsurpassed for the charming character of the scenery, and will give a good view of the most fertile part of the island. On Mafolie Hill there is an obelisk known as the "Venus Pillar," which was erected by the Brazilian astronomers in commemoration of their stay in St. Thomas to witness the transit of Venus. It is inscribed *Passagem do Venus Dezembro 6 de 1882*.

(4) From Charlotte Amalia to the west past **Nisky**, **Moskito Bay**, **John Brewer's Bay**, and ascending the hill to **Bonne Espérance**, and round the north side of the island down Frenchmen's Hill. This route will give more varied scenery, a further view of the island, and, if the day is clear, an interesting panorama of the cays and islets to the north, and those to the east forming the Virgin Islands group.

There are also numerous excursions which can be made by boat, notably across to the German Wharf, climbing thence up the hill to **Cowell's Battery**—so named after Major Cowell of the British army, who was responsible for its erection during the few years of English occupancy—Frenchmen's Bay, &c. Another favourite expedition is from the harbour, through the "Haul Over" to Nisky Bay and Water Island and then on to Krum Bay.

Not far from St. Thomas is a rock which closely resembles a ship and is consequently known as **Sail Rock**, though by some it is called Frenchman's Rock. During the American War it received a severe punishing from a French frigate. Taking it for a ship the captain hailed it. His hail was returned by an echo. The French captain then fired a broadside at the rock, the sound of which reverberated from it, some of the shot also ricochetting back. Believing that they had fallen in with a man-of-war, the Frenchmen kept up a heavy cannonade until the morning, when they discovered to their mortification the mistake which they had made.

ST. JOHN

A dependency of St. Thomas

GENERAL ASPECT. The small island of St. John—situated about 3 miles east of St. Thomas—belongs to the municipality of that island. It has an area of 21 square miles, and a population of 918 only. The Danes took formal possession of it in 1684, but it was not properly settled with respect to population until 1716, when permission was given to sixteen of the inhabitants of St. Thomas to cultivate the island. In the days when sugar was king it contained several very valuable estates, and naturally a much larger population. For instance, at the beginning of last century it had about 3000 whites and free coloured persons, besides 2500 slaves, and this was its condition up to the time of emancipation. The "bay leaf" tree (*Pimenta acris*), the leaves of which are used in the manufacture of that most agreeable toilet requisite known as bay-rum, of which there are several manufactories in St. Thomas, is a growth of the island. The leaves are conveyed to St. Thomas, where the bay-rum, which has become so popular throughout America, is distilled.

Notwithstanding the unimportance of the place, those who have a day or two to spare, and can enjoy a little boating as well as "roughing it" in the matter of accom-

modation, will find that a trip to it will fully repay them. There is much fine scenery about St. John, and the island has a romantic side to its history, having enjoyed its own little slave insurrection in the old days long gone by.

ST. CROIX

Denmark's largest West Indian Island

GENERAL ASPECT. St. Croix or Santa Cruz lies 40 miles south-south-east of St. Thomas. Its total area is only 74 square miles, and its population 19,683. A range of hills runs parallel to the coast at the western end, the highest peak being Blue Mountain. The principal towns are Bassin or Christiansted on the north shore and West End or Frederiksted at the western end, which is commercially the more important place.

INDUSTRIES. Sugar cultivation is the principal industry, and there are about one hundred sugar estates in the island. A central sugar factory was established by the Government in 1876, which still continues to work, and in the West End quarter of the island another, Le Grange, has been established by private enterprise. The breeding of cattle is carried on, but chiefly as an aid to sugar cultivation by providing the necessary stock of working cattle, oxen and mules, and manure. St. Croix produces all kinds of tropical fruits in abundance, and efforts have been made in recent years by one or two planters, not unsuccessfully, to cultivate such fruit as oranges and bananas systematically for local use and with a view of exporting them in the future.

CLIMATE. The climate of Santa Cruz is very similar to, though rather hotter than, that of St. Thomas; but it is well suited to Europeans. During the greater part of the year the fresh trade-wind blows from the north-east. The wettest season extends from August to December.

HISTORY. The history of the island of St. Croix has been varied and eventful. It was discovered by Columbus on his second voyage, and in 1643 it was inhabited by two

distinct parties of English and Dutch. They quarrelled, however, and the Dutch were expelled. In 1650 the English were defeated by Spaniards, who in their turn yielded to one hundred and sixty Frenchmen from St. Kitts. France entrusted the island to the Knights of Malta in 1651, and in 1733 it was purchased by King Christian VI of Denmark. In 1801 it was taken by the English, but restored to the Danes after a few months. Captured again by the English under Sir Alexander Cochrane in 1807, it remained British until 1814, when it was again handed to the Danes.

HOTELS. In Christiansted, *Mrs. Pentheney's* hotel is recommended.

MEANS OF COMMUNICATION. There is regular semi-weekly communication with St. Thomas by means of the Government packet motor schooner *Dannebrog*, sailing from Bassin. Steam communication between the islands has been a long-recognised need, but one which it has so far been found impossible to supply. The Quebec line of steamers, however, proceed as a rule from St. Thomas to West End or Frederiksted on their outward voyages. The roads of the island are good, and well suited for motorists and cyclists.

ST. MARTIN

The joint-owned Island

GENERAL ASPECT. St. Martin, which lies between Anguilla and St. Bartholomew, is partly French and partly Dutch. Twenty square miles of the island belong to France, and form a dependency of Guadeloupe, and 18 square miles belong to Holland, and form with St. Eustatius and Saba a dependency of Curaçao. It rises to a height of 1236 feet above the sea, and it has only a small cultivable area.

INDUSTRIES. Salt is the principal industry of both colonies, but cotton and live-stock are also exported. The chief settlement in the French portion is Marigot, and in

the Dutch, Philippsburg. The population of the French part is 3200 and of the Dutch 3500. Most of the inhabitants are English-speaking negroes.

FINANCIAL POSITION. The table given below shows the revenue and expenditure, and the imports and exports, of the Dutch West India Islands—namely, part of St. Martin, St. Eustatius, Saba, Curaçao, Aruba, and Bonaire—for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	£	£	£	£
1902-3 .	44,634	60,416	195,888	26,033
1903-4 .	48,866	64,583	247,353	26,461
1904-5 .	46,314	66,171	224,953	40,652
1905-6 .	47,446	70,054	319,330	78,389
1906-7 .	48,188	58,657	301,704	86,168
1907-8 .	49,150	76,702	338,585	108,916
1908-9 .	500,346	89,685	260,908	100,450
1909-10 .	51,304	84,145	292,411	140,833
1910-11 .	55,986	100,436	296,333	143,083
1911-12 .	—	—	360,468	162,700

HISTORY. St. Martin was occupied by the French freebooters, and by the Spaniards between 1640 and 1648, in which year it was divided between the French and the Dutch. Regarding the origin of its joint ownership, the story is told that a Dutchman and a Frenchman visited it simultaneously and started to walk round it from a certain point on the coast, agreeing to divide the island between them by a line drawn from the point whence they started to that at which they met. The astute Dutchman was a slower walker than the Frenchman, but he started off towards the more valuable end of the island—that in which salt-ponds are situated. Thus, while the larger portion fell to France, Holland secured the richer part of St. Martin. The island is quite off the "beaten track" and is rarely visited by steamers, access to it being gained by schooners and sloops which do not, as a rule, commend themselves to tourists.

ST. EUSTATIUS AND SABA

An old volcanic crater—the "Golden Rock"

GENERAL ASPECT. **St. Eustatius**, or Statia, a dependency of the Dutch island of Curaçao, lies to the north-west of St. Kitts. It consists of two volcanic cones with an intervening valley, its total area being only 9 square miles. The town is Orange town, and it has two forts, Yams and cotton are the principal exports. The population of the island is 1500, and the language is English, only the employers speaking Dutch. At the landing-place in a small cove the remains of many warehouses, testify to the former importance of the islet.

The tiny island of **Saba**, which has an area of 5 square miles, to the north-west of St. Eustatius, also belongs to Holland, having been occupied by the Dutch in 1632.

Little more than a rock rising sheer out of the sea and very inaccessible, Saba was the last stronghold of the buccaneers. It has three small villages, the Bottom, where the Administrator resides, 900 feet above the sea, Windward Side, 1200 feet, and St. John's, 1900 to 2000 feet above sea-level. The male population almost without exception follow the sailor's profession, and they are great boat-builders. The boats are built in the high lands and shot over into the sea below when they are ready for launching. Next to boat-building the chief industry is potato-cultivation. The women also make beautiful lace-work. The landing-place consists of a small rocky spot some few yards only in extent. Landing is difficult, and can only be effected by the natives in their own boats. Access from here to the lower town is gained by a path cut out of the side of the hill in irregular steps, up which ponies take the traveller in perfect safety. On the leeward side of the island there is another landing-place from which the lower town is reached by a staircase cut in the rock and called "The Ladder."

The inhabitants have fair complexions and rosy cheeks, showing that they have not intermarried to any extent

with the blacks. English is spoken, though Dutch is taught in the schools.

HISTORY. St. Eustatius was first colonised by the English and French in 1625 and was taken by the "Dutch West India Company" in 1632. After changing hands many times it has remained in the possession of the Dutch since 1816. In 1780 the population was 2500 and the island was so wealthy that it was known as the "Golden Rock." It was the chief mart of the West Indies, and sometimes no fewer than 700 vessels lay at anchor off its shores. At this period rows of large warehouses, the ruins of which are still to be seen, were erected along the shore. During the early part of the American War, Holland remained neutral, and being a free port St. Eustatius enjoyed a brisk trade with America. In 1781 England declared war against Holland, and Rodney seized the island on February 3 in that year when the inhabitants were unaware of the rupture of peace. He ordered the Dutch flag to remain flying for some time from the batteries, and by this means succeeded in capturing a large number of vessels which fell into the trap. Many stores were captured with merchandise which, when sold, realised no less than £3,000,000. Later in the year the island was recaptured by the Marquis de Bouillé; but it never regained its prosperity and by 1818 the population had fallen to a low level.

CURAÇAO

The Island of the Liqueur

GENERAL ASPECT. Curaçao, which, with the small islands of **Aruba** (west) and **Bonaire** (east) adjoining, is Dutch, lies off the north coast of Venezuela. The island has a total area of 158 square miles, and a population of 34,000. It is hilly and the country in the interior is deficient in water, being entirely dependent upon rain for a supply of that necessary of life. The capital, however, has a salt water distillery which keeps the town well

supplied with fresh water. The island looks barren and very rocky from the sea, but the capital, Willemstad, is quite picturesque, the houses, built in the old-fashioned Dutch style with seventeenth-century gables, being mostly painted with bright yellow colours. The exports include divi divi (the pods of the *Cæsalpina cinaria*), hides, phosphate of lime, straw hats and salt. A peculiar variety of orange, *Citrus aurantium Carassuwiensis*, from which the well-known liqueur is made, grows in the island. The peel of these oranges is shipped to Hamburg and Amsterdam, where the Curaçao is made. Some liqueur is also manufactured in the island by chemists. Curaçao has several harbours, the principal of which is Santa Anna, on the south-west side, the port of Curaçao, and Willemstad. Only the upper classes speak Dutch, and they also speak English, Spanish and French. The lower classes speak a patois called "papiamento," which consists of a mixture of those languages with Dutch.

HISTORY. The island was settled by the Spanish in 1527, and captured from them by the Dutch in 1634. The English took it in 1800 and again in 1807, but it was restored to the Dutch in 1816, and has remained in their possession ever since.

HOTELS. Curaçao has two good hotels, the *Hotel del Commercio* in **Willemstad** and the *Hotel Americano* in **Otrabanda**, on the western side of the harbour. The terms at both are moderate.

MEANS OF CONVEYANCE. Curaçao is served by the steamship companies numbered 3, 5, 11, 15 and 20 in the list on pages 14 to 27. Carriages and motor-cars can be hired.

PRINCIPAL SIGHTS. The capital is divided by the harbour of Santa Anna into two parts, Willemstad and Otrabanda (other side). The entrance of the harbour, which is spanned by a pontoon bridge, is protected by Fort Amsterdam and two other forts. A drive round the Scholtgat, a deep lagoon connected with the harbour, and to an interesting grotto 6 miles to the north-north-west of Willemstad, is recommended. Some of the plantations and attractive country residences may also be visited.

CHAPTER XIV
CUBA AND PORTO RICO

CUBA

The Pearl of the Antilles

GENERAL ASPECT. Cuba, the largest of the West Indian Islands, lies between 74° and 85° W. longitude and 19° and 23° N. latitude, 50 miles to the west of Haiti, from which it is separated by the Windward Passage. It has a total area of 44,178 square miles, and a population of 2,150,112. Its northern seaboard is on the Gulf of Mexico and the Atlantic Ocean, and its southern coast is washed by the Caribbean Sea. The eastern end of the island is mountainous; the centre consists of gently sloping plains, which, being high above the sea, are well drained and densely cultivated with sugar-cane, and the western end of the island, which is essentially the tobacco-growing district, is broken by mountains slightly lower than those in the eastern part. The rock-bound coasts have numerous indentations, many of which form admirable harbours. The general outline of the island has been likened to that of a bird's tongue; but Mr. Robert T. Hill, of the American Geological Survey, compares it more appropriately to a hammer-headed shark, the head forming the straight south coast of the east end of the island, from which the sinuous body extends westward. This analogy is made more striking by the two long strings of cays, or islets, which extend backwards along the opposite coast, parallel to the main body of the island. Prominent among the islands off the coast, which number no fewer than 1300, is the Isle of Pines, a dependency of Cuba, to which reference is made

on page 399. The rivers are numerous, but none of them are of any consequence, except perhaps the Cauto in Oriente, which is navigable by small vessels for 75 miles. Cuba has six provinces: Pinar del Rio, Havana, Matanzas, Las Villas, Camagüey, and Oriente. The island is also popularly divided into the Vuelta Abajo (lower turn), west of Havana, the Vuelta Arriba (upper turn), east of Havana to Cienfuegos, las Cinco Villas between Cienfuegos and Sancti Spiritus, and the Tierra Adentro between Cienfuegos and Bayamo.

INDUSTRIES. The staples are sugar and tobacco; aided by the substantial preference given to it in the United States markets—which under the present tariff will cease in 1916—the sugar industry has made rapid strides and there are upwards of two hundred factories in the island. The tobacco industry also continues to expand, and the famous Havana and Cuban cigars show no signs of losing their well-deserved popularity. The best tobacco is produced in the famous Vuelta Abajo region in Pinar del Rio, but good tobaccos are also exported from Trinidad, Cienfuegos, and Santiago. Fruit and other tropical produce is also exported, and stock-breeding gives employment to many people. The mineral resources of the island include iron-ore, manganese, copper, and salt. The latest available figures of the principal exports are:

Sugar (1913)	.	.	.	2,429,240 tons
Tobacco (1911)	.	.	.	308,497 bales of 120 lbs
Cigars (1911)	.	.	.	188,129,188
Pineapples (1911)	.	.	.	25,775 tons

The direction of the trade of the island in the year 1911 was as follows:

	Imports.	Exports.
United States . . .	\$65,416,000	\$145,186,00 0
Rest of America . . .	10,251,000	5,280,00 0
Great Britain . . .	15,398,000	11,446,00 0
Spain . . .	9,775,000	659,00 0
Germany . . .	8,431,000	6,199,00 0
France . . .	7,706,000	2,575,000

FINANCIAL POSITION. The revenue and expenditure, and imports and exports, of Cuba for the past ten years, as far as they can be ascertained, are given in the table on next page.

Year.	Revenue.	Expendi- ture.	Imports.*	Exports.
	\$	\$	\$	\$
1903-4 .	—	—	70,156,000	93,122,000
1904-5 .	18,899,500	17,915,013	77,021,300	89,012,800
1905-6 .	19,699,850	19,158,104	94,971,518	110,167,484
1906-7 .	24,063,285	21,728,390	98,019,621	103,924,536
1907-8 .	24,447,657	22,377,168	104,460,933	104,172,967
1908-9 .	29,615,263	24,285,292	86,368,767	98,849,091
1909-10 .	33,824,746	31,070,409	83,856,835	115,637,321
1910-11 .	—	—	98,239,539	144,036,697
1911-12 .	—	—	102,692,888	128,114,937
1912-13 .	41,614,700	40,593,400	125,902,241	172,978,328

* For calendar years 1904-1912

CLIMATE. Cuba being only just within the tropics, its climate is not so hot as that of most other West Indian islands. The mean annual temperature at Havana is only 77° Fahr., but inland and on the south coast it is greater. The rainy season is from May to October, the mean annual rainfall being 52 in. In the Sierra Maestra mountains the thermometer sometimes falls almost to freezing point.

HISTORY. Cuba was discovered by Columbus during his first voyage, on October 28, 1492. He called it Juana, after Princess Juana, daughter of his patrons, Ferdinand and Isabella; but after Ferdinand's death it was renamed Fernandina. It was subsequently called Santiago, in honour of the patron saint of Spain, and, later, Ave Maria, before it reverted to its native name, Cuba. In 1511 Diego Velasquez formed several settlements, including that of Havana, which was established on its present site in 1519. Slaves began to be introduced as early as 1523, and the cultivation of tobacco and sugar was successfully started. Havana was frequently attacked by pirates and buccaneers, and in 1762 it was captured by the English under Lord Albemarle and Admiral Sir George Pocock. In the following year the island was restored to Spain in exchange for the Floridas by the Treaty of Paris. The most brilliant period of Cuba's existence opened in 1790 with the Governorship of Las Casas. In 1848 President Polk suggested the

M.
Mona.



transfer of the island to the United States for \$1,000,000, and in the latter part of the nineteenth century constant efforts were made by the Cubans to shake off the tyrannical rule of Spain. In 1895 the final revolution broke out under Gomez, Maceo, Marti, Garcia, and others. The Spaniards, in their efforts to suppress it, adopted drastic measures, including the erection of block-houses and barbed wire entanglements, and the concentration of non-combatants in camps, a proceeding which led to much suffering, but without avail. The American people showed their sympathy with the "reconcentrados" by gifts of food, &c.; but no official action was taken by the United States until their battleship *Maine* was blown up—by a Spanish mine it was alleged—in Havana Harbour in February 1898. They then, yielding to pressure of public opinion, intervened. On April 20 the withdrawal of the Spanish troops was demanded. Hostilities resulted, and on July 3 a Spanish fleet under Admiral Cervera was destroyed ship by ship as it left Santiago Harbour, the entrance of which Lieut. Hobson, an American, had gallantly endeavoured to block by sinking the *Merrimac* in the fairway, and on July 15 the city capitulated. By the Treaty of Paris which followed the war, Cuba was surrendered to the United States in trust for the Cuban people. After a period of military rule, the Cuban Republic was established under the protection of the United States, which retained Guantamo as a naval station.

CONSTITUTION. Cuba is an independent republic under the protection of the United States. The constitution was framed during the American occupation and was adopted on February 21, 1901. The President is elected for four years by an electoral college. The Congress consists of two houses, a Senate comprising four members from each province chosen by a provincial electoral board and a House of Representatives whose members are elected by the people for four years, half retiring every two years. There is one representative for every 25,000 inhabitants.

HOTELS. Most of the hotels in Cuba are hotels, which is more than can be said of many of the houses passing as

such in other parts of the West Indies. In **Havana** the *Hotel Inglaterra*, facing Central Park, is recommended; also the *Hotel Sevilla*, which has a charming palm court, the *Hotel Plaza*, and the *Pasaje Hotel* on the Prado. The *Telegrafo Hotel*, facing Central Park, and the *Hotel Miramar* are also very well spoken of. The rates at the best hotels run from \$3.50 per day and upwards (American plan), meals being paid for when taken.

Antilla. *Hotel Antilla.* **Camagüey.** *Hotel Camagüey.*
Matanzas. *Hotel Paris.* **Pinar del Rio.** *Hotel Ricardo.*
Santiago. *Hotel Venus.*

MEANS OF COMMUNICATION. Cuba can be reached by the steamers of the companies numbered 1, 9, 10, 15, 21, 22, 23A, 24A and 27 in the list on pages 14 to 27.

At Havana landing is effected from some steamers at the docks and from others by tender or shore boat, at Santiago at the wharf or by boat, and at Antilla by shore boat (\$1.00 return).

In Havana, harbour ferry steamers ply regularly between the railway wharf and Regla (5 cents) and Casa Blanca (5 cents). Electric cars run in connection with the Regla service to Guanabacoa.

The cab and carriage fares in the inland cities of Cuba are fixed municipal rates, and, in case of doubt, passengers should request the driver to show the official printed schedule of charges. In every case where it is possible, the hiring of cabs, carriages, and other vehicles by the hour should be done through the hotel interpreters, who are charged with the special care of patrons. The rate for cab and carriage hire per hour varies from 75 cents. to \$1.50 in the several cities.

The first railway in Cuba was the line from Havana to Güines, which was opened as far back as 1837 and now forms part of the system of the United Railways of Havana and Regla Warehouses Limited. The island is covered with a net-work of lines of over 2200 miles in extent. The most important are those of the United Railways, the Cuban Railroad, Havana Central Railroad, Guantanamo Western Railroad, and Havana Terminal Railroad Companies.

The table opposite gives the chief towns mentioned in the

following pages, their distance from Havana, and the time taken in reaching them, with the first-class fares :

Miles.	Approximate time taken.	Fares.	
		Single.	Return.
Miles	hr. min.	\$	\$
517 Antilla . . .	22 30	23.33	..
36 Batabano . . .	1 55	2.12	3.00
340 Camagüey . . .	14 15	15.49	23.24
109 Cárdenas . . .	4 18	5.43	7.50
195 Cienfuegos . . .	8 35	8.69	..
31 Guanajay . . .	1 30	0.55	..
578 Guantanamo . . .	..	..	..
32 Güines . . .	..	0.93	..
53 Madruga . . .	2 17	3.01	4.00
10 Marianao . . .	14	.10	.20
58 Matanzas . . .	1 55	3.20	4.50
111 Pinar del Rio . . .	4 45	5.54	7.76
241 Sancti Spiritus . . .	10 25	11.19	..
180 Santa Clara . . .	7 23	8.53	..
538 Santiago de Cuba . . .	23 30	24.11	36.17

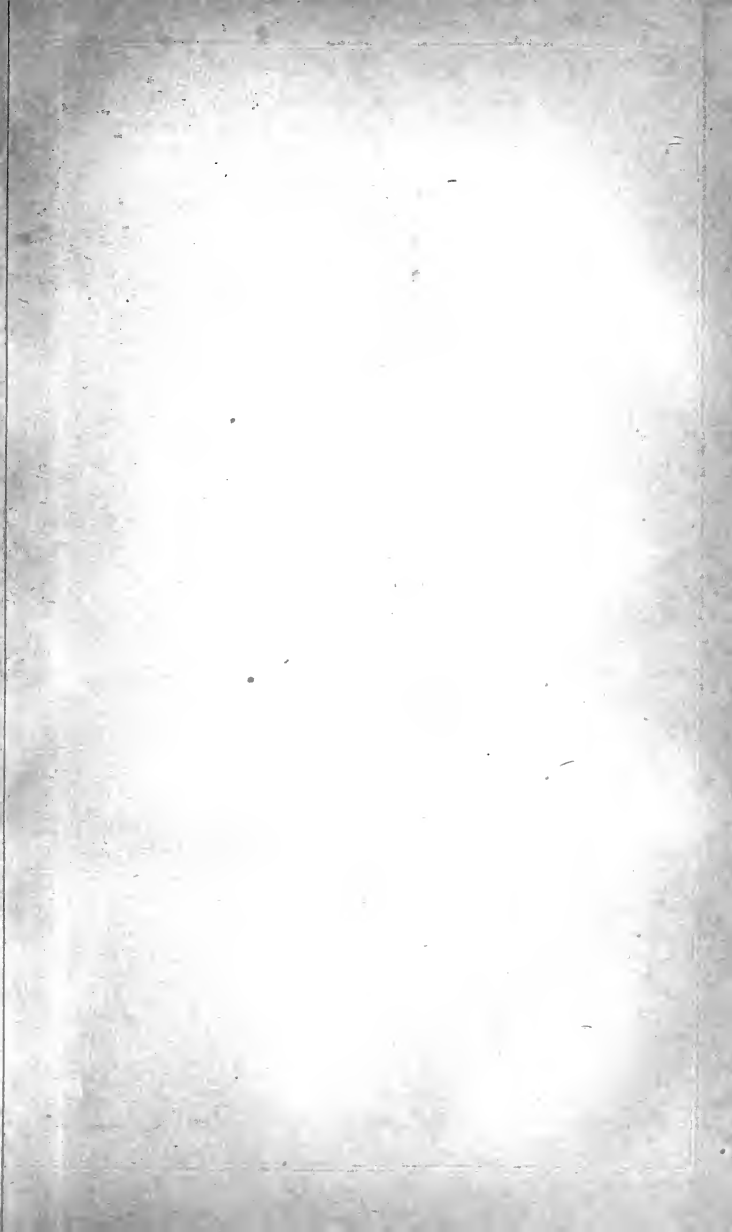
Tourists wishing to see Havana and Cuba to advantage can not do better than pay a visit to **Mr. Foster's Information Office**, Prado and Central Park, where they will be able to obtain much valuable advice. Travellers by train will find the "folders" of the various railroad companies useful sources of information.

PRINCIPAL SIGHTS. **Havana** (population 353,509), capital of Cuba, the San Cristobal de la Habana of the Spaniards, stands on the shores of a magnificent land-locked harbour towards the eastern end of the north side of the island, 90 miles from Key West, the last of a chain of coral islets—now connected by railway—extending from the south of Florida. The chief settlement of Havana was first established by the Adelantado Don Diego Velasquez on July 25, 1515, on the south coast near the mouth of the Güines or Mayabeque River. From there it was transferred to a spot on the north coast which, on account of its exposed position and consequent liability to attack

by pirates, was in turn abandoned in favour of the present site in 1519. By its founder it was proudly named "Llave del Nuevo Mundo y Baluarte de las Indias Occidentales" ("The Key of the New World and the Bulwark of the West Indies").

The approach to the city of Havana from the sea has been justly praised by many well-known writers. Beyond the surf-beaten coast the first conspicuous object to strike the eye is the historic **Morro Castle**, whose venerable fortifications command the narrow bottle-neck entrance to the harbour, and its tall lighthouse, erected in 1844 by Governor-General O'Donnell, whose name is inscribed upon it. It may be mentioned that the name Morro, which is also given to similarly placed fortresses at Santiago and at San Juan, Porto Rico, signifies "promontory." The castle, which was erected between the years 1589 and 1597, is partly hewn out of the rock and partly constructed of solid blocks of rock, and this gives it an irregular appearance. It is reached by an inclined road, the moat, which is about 70 feet deep, being crossed by a drawbridge. The Morro was captured by the English under Lord Albemarle and Admiral Sir George Pocock in 1762, and a battery to the east of the Castle perpetuates the memory of the gallant Captain Velasco, who preferred to die fighting rather than be taken prisoner. The first landing was effected on June 7 to the east of the harbour, and the Morro was closely invested by land and sea, the Spanish Fleet of twenty vessels remaining in the harbour just as Admiral Cervera's ships were to do one hundred and thirty-six years later at Santiago. The English having made a breach in the walls of the Morro mounted it, and then, to quote the *Annual Register* of 1762 :

They entered the fort, and formed themselves with so much celerity, and with such spirited coolness of resolution, that the enemy, who were drawn up to receive them, and who might have made the assault an affair of great bloodshed, astonished at their countenance, fled on all hands. About four hundred were slaughtered on the spot, or ran to the water, where they perished. Four hundred more threw down their arms, and obtained quarter. The second in command, the Marquis de Gonsales (*sic*), fell whilst he was making brave but

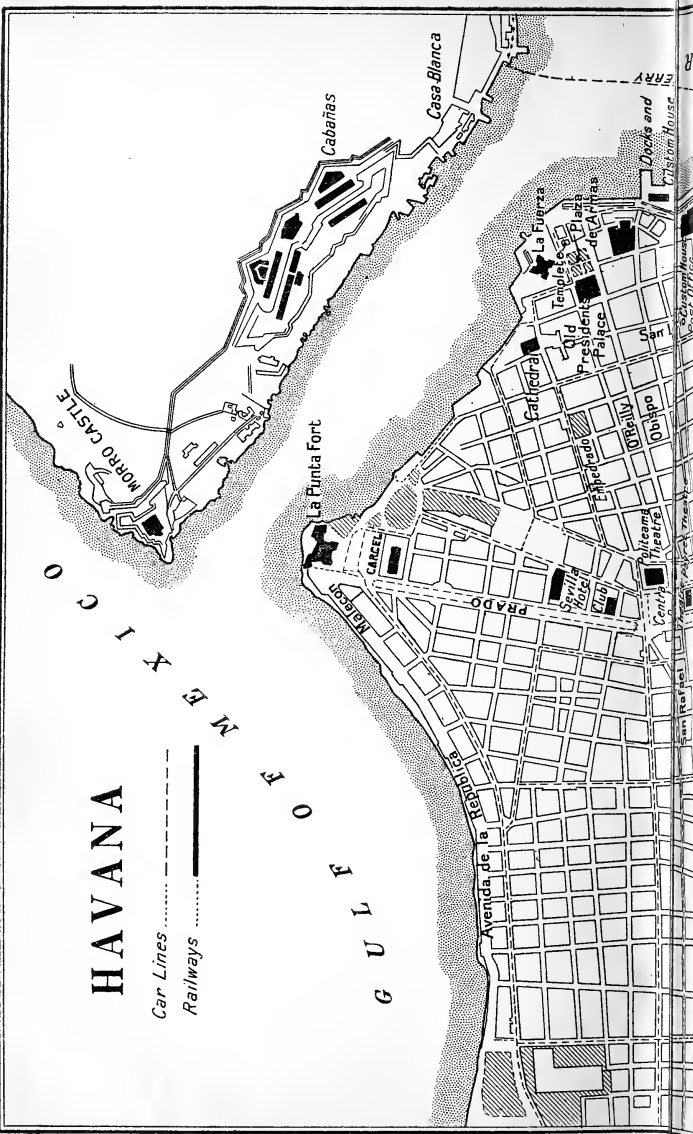


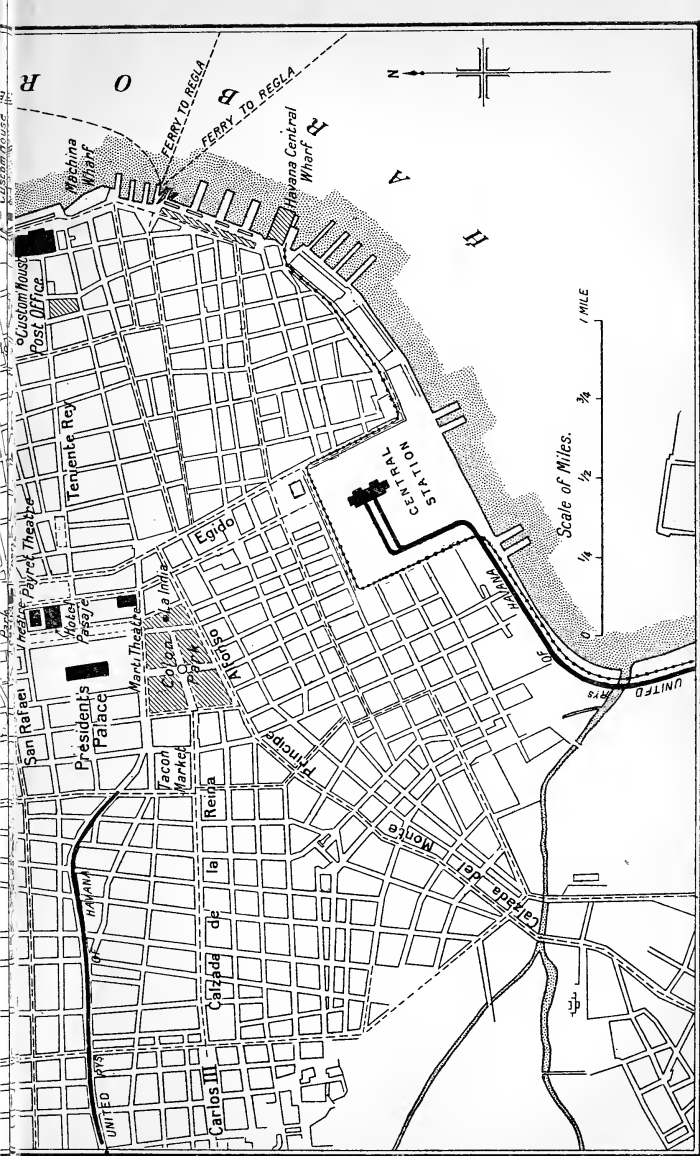
HAVANA

Car Lines - - - - -

Railways —————

M E X I C O
G U L F





Custom House
Post Office
Teriente Rey
San Rafael
President's Palace
Tacon Market
Calzada de la Reina
Carlos III

Payret Theatre
Marta Theatre
Colón Park
Egido
Príncipe
Calzada del Monte
W. Foloso

Central Station
Havana
Havana Central Wharf
Mabchina Wharf
FERRY TO REGLA
FERRY TO REGLA
UNIFD RYS
UNIFD RYS

Scale of Miles.
0 1/4 1/2 3/4 1 MILE





ineffectual efforts to animate and rally his people. Don Lewis de Velasco, the Governor, who had hitherto defended the fort with such obstinate bravery, seemed resolved in this extremity to share the same fate with it. He collected an hundred men in an intrenchment he had made round his colours. But seeing that all his companies were fled from him, or slaughtered about him, disdaining to retire or call for quarter, he received a mortal wound, and fell, offering his sword to his conquerors. The English wept with pity and admiration.

The plan of the siege on next page is reproduced from the *Gentleman's Magazine* for October 1762. The Spanish fleet is seen lying in the harbour, the mouth of which was protected by a chain boom.

The steamer passes under the walls of the Morro by a narrow channel scarcely more than 1000 feet in width. On the right is another fort known as **La Punta**, and beyond it the city of Havana, round the seaward side of which is the magnificent driveway on a sea-wall called the **Malecon**, with its gardens and handsome bandstand. Beyond the Morro on the left are the heights, bristling with elaborate fortifications and barracks, known as the **Cabañas**, the erection of which was begun in 1763, the year after the capture of the Morro by the English, and completed in 1774. The fortress is entered by a massive gateway approached by a drawbridge. The chief point of interest is the **Laurel Ditch**, where many Cubans were shot by the Spanish soldiers during the revolution. For a distance of 85 feet along the wall the marks of the bullets can distinctly be traced. A bronze tablet let in commemorates this appalling sacrifice of life. From the ramparts a superb view of Havana can be obtained. On the parapet is a marble column erected in honour of the repulse of the expedition of Lopez and the American Colonel Crittenden in 1851. This unfortunate colonel, who was a West Point graduate and came from Kentucky, was persuaded by Lopez to join an expedition to attempt to free Cuba. They landed about 35 miles from Havana, and were defeated by the Spanish forces. Crittenden and fifty of his men were captured and confined in the fort of **Atares** across the harbour, and were eventually placed in a row and shot down by the Spanish troops. Lopez, a Venezuelan

by birth, was publicly garrotted at the foot of the Prado.

A steam of just under a mile past the Morro and Cabañas brings the steamer into the spacious harbour of Havana, the extreme length of which is about 3 miles, and the maximum breadth $1\frac{1}{2}$ miles. The harbour once had the reputation of being one of the filthiest in the world. For nearly three centuries it received the sewage and refuse of the city which, in the absence of any streams or rivers to carry them out to sea, accumulated to such an extent as to prove a serious menace to health. So foul indeed was the mud that captains of vessels preferred to make fast to buoys instead of dropping their anchors into it. In recent years, however, some improvement has been effected by dredging, and the provision of a sewerage system and the adoption of sanitary improvements have rendered Havana quite healthy. It was in this harbour that the Spanish treasure fleets known as the Galleons and the Flota used to collect before their departure for Europe, and it was in this harbour, too, that the United States cruiser *Maine* (Captain Sigsbee) was blown up at 9.40 P.M. on February 15, 1898, an event which was the immediate cause of the outbreak of war between the United States and Spain. 270 men and 2 officers were killed, and it was claimed that the disaster was due to the explosion of a mine by the Spanish. Whether this was really the case or not has been the subject of much subsequent discussion; but the cry which was raised, "Remember the *Maine*," proved irresistible. For years after the war the wreck lay where she sank with the Stars and Stripes flying at half mast over her, but in 1912 the vessel was raised and towed out to sea and buried. The following account of the ceremony was given by an American sailor, J. L. Fahy, in a letter to a comrade :

Shortly after one o'clock the United States navy tug *Osceola* made fast to the *Maine* and, with the assistance of two other tugs, started to tow the remains of that ill-fated vessel to her final resting place. As they approached the entrance of the harbour the *North Carolina* got under way, followed by this vessel (*Birmingham*), and that was the start of the strangest funeral procession ever witnessed, for every vessel in the harbour, no matter of what description, got into line. As the *Maine*

passed Morro, a salute of twenty-one guns was fired, and during all this time they had a band playing a "Dead March." Slowly she was towed to sea, and at about five o'clock the three blasts from the whistle of the *North Carolina* informed us that the proper position outside the three-mile limit had been reached. It was then the men became eager and all eyes were centred on the decks of the *Maine*, and we could see the men on board, about half a dozen of them, moving about. Then they commenced to open up the sluices and sea-cocks, and after this was done, and they had gone over the side into a boat and then to a tug, and the lines from the tugs had been cast off, it was piteous to watch her drift and stagger about as the sea and current directed, unable to help herself, she who had once been the pride of our navy, now a poor helpless wreck. Like a poor doomed wretch about to be executed and who had lost his sight, she drifted about, rolling a little, and it seemed for a long time that she was not filling up at all, but after a time it became perceptible; and she then seemed to go down little by little until she commenced to take the seas over her deck, and then she filled rapidly and finally went out of sight in one last long plunge. Believe me, I never want to see anything like it again.

Landing is effected at Havana from some steamers at the wharf and from others by tender or shore boat. The **Customs** department has its headquarters in an old Church. The formalities where tourists are concerned are not very serious. The handsome new **Railway station** of the United Railways of Havana and Regla Warehouses Limited is situated near the south of the town where the arsenal stood. A short drive from the wharf takes one to **Colon Park**, comprising the small **La India Park** and the old **Campo Marte**, or parade ground, the first of a series of parks and avenues extending across Havana from south to north. They follow closely the direction of the old walls, the position of which is clearly shown on the old plan on page 388, and the terms intramural and extramural are still used to define the position of buildings. La India Park takes its name from a charming statue of an Indian maiden emblematic of Havana, which was the gift of Count de Villanueva, the former owner of the property. On the site of the old railway station near by is the new Presidential Palace. From Colon Park the **Upper Prado** leads to Central Park, from which the Prado, a leafy avenue of laurel trees, extends to the Malecon, or sea-wall. In Central Park there is a statue of José Martí (1853-1895).

one of the prime movers in the revolution of 1895, from the chisel of the Cuban sculptor of Villalta de Saavedra.

The walls were begun in 1671 and completed in 1702; but after the successful attack by the English in 1762 the fortifications were greatly strengthened. The Abbé Raynal states in his history that between 1763 and 1777 £933,916 4s. 11¼*d.* was spent on them. The walls were demolished between 1863 and 1880, and only fragments remain at the head of Teniente Street and behind the Church of the Angel.

From Central Park, **Pi y Margall** (the name is that of a Cuban Patriot), or **Obispo** (Bishop), and **O'Reilly** streets run parallel in a north-easterly direction to the old President's Palace in the Plaza de Armas, a substantial building erected in 1834. These two streets, which are very narrow but extremely picturesque with their tinted awnings and quaint signs, form the chief shopping centre in Havana. O'Reilly Street owes its title to the Spanish General of that name, who entered the city by it while the English left by Obispo Street when Havana was restored to Spain in 1763.

The **Plaza de Armas** is a centre of interest; to the north of it is **La Fuerza**, said to be the oldest fortress in the New World. It was erected by Hernando de Soto in 1519. The story goes that when that worthy set sail to conquer Florida he left his wife, Dona Isabella, behind. Here for four years she anxiously awaited the return of her husband, and here, when she heard of the failure of the expedition, she died broken-hearted. On the tower is the **Habaña**, a figure emblematic of the city.

Facing the President's Palace is **El Templete**, a small temple which was erected in 1828 and dedicated on March 9 in that year to mark the spot—originally identified by a huge silk-cotton tree—where the first Council met and the first Mass was sung when the city was established in 1519. It was here that the reputed remains of Columbus first rested when they were transferred to Havana from Seville in 1795. Arrete records that in 1755 the silk-cotton tree was still living. In 1747 Captain General F. Cagigar

erected an obelisk of stone as a permanent memorial. A bronze tablet in the enclosure is inscribed :

During the reign of his Majesty Don Fernando VII, under the Presidency and Governorship of Don Francisco Dionisio Vives, the most faithful, religious, and pacific Havana erected this simple monument, consecrating the place where, in the year 1519, was celebrated the first mass and holy office, the Bishop Don Juan José Diaz de Espada solemnizing the Divine Sacrifice of the Mass on the 9th day of March, 1828.

In the court there is a bust of Columbus which was studied by the American painter John Vanderlyn, for his painting of the landing of Columbus in the rotunda of the Capitol at Washington.

The temple contains three commemorative paintings by Escobar of the installation of the first Council at Santiago, the celebration of Mass, and the inauguration of the monument. The temple is only opened to the public on November 16, the official "birthday" of Havana. Though the city was founded on St. Christopher's Day, the Pope gave permission for it to be celebrated on November 16 instead of that day so that the festivities might not clash with those in honour of St. James, whose date is the same as that of St. Christopher. Permission to visit the temple can, however, generally be obtained from the Mayor.

The building at the seaward end of the Prado was formerly the **Carcel** or jail, which was erected in 1839 by convict labour. Just beyond it is the **Students' Memorial**, a simple piece of the wall of the old Commissary Building, a tablet let into which records that on November 27, 1871, eight young Cuban students were sacrificed on the spot by the Spanish volunteers. A more elaborate memorial stands in **Colon Cemetery** to the west of the city. Here burials still take place in niches or columbaria like those of the early Christians.

During the ten years' war for freedom from 1868 to 1878, there was great animosity between the Spaniards and Cubans. Children born to Spanish parents in the island were considered Cubans, and many families were consequently divided among themselves. In 1871 a certain Gonzalo Castañón, in an ultra-Spanish paper which he edited called *The Voice of Cuba*, made an attack on Cuban women, and was accordingly challenged

by a patriot to fight a duel at Key West. The challenge having been accepted, the fight took place and the Spaniard was killed. His body was brought to Havana and buried with much ceremony in one of the niches in the cemetery behind San Lazaro hospital. Some little time later, a party of students from Havana University were alleged to have spoken disrespectfully of Castañon and to have desecrated his tomb. This enraged the Spanish Volunteers, who demanded vengeance. It being impossible to ascertain which of the students were guilty, an entire class consisting of forty young men was arrested and tried by court-martial. So great was the outcry that no lawyer could be found to defend their case, until a Spanish officer, whose name, Cape-devilla, deserves to be remembered, offered to do so. This brave man conducted the defence with such ability that the Court could do nothing else but acquit the boys. This made the Volunteers still more angry, and they insisted that the young men should be tried by court martial, and that two-thirds of the judges should be officers of their force. The Captain-General foolishly yielded to the request, and the unfortunate boys, not one of whom was over sixteen years of age, being again put on their trial, were found guilty, the sentence being that the forty should be ranged in a line and every fifth of them shot, the remaining thirty-two being condemned to be transported to Africa. The sentence was duly carried out and the lads were ranged against the Commissary building. When the Spanish sergeant ordered every fifth boy to step forward, they comported themselves like heroes, and it is said that one among them, making a rapid calculation and finding that his younger brother was the fifth and would consequently die, took his place. One prominent Havana merchant, seeing that his son was to be shot, fell on his knees and offered to pay as his ransom his weight in gold, but to no avail. The eight boys were then made to kneel before the part of the wall where the memorial tablet now is and were brutally murdered—for it was nothing else—by the Spanish Volunteers. When the news of this massacre reached Spain, the Cortes ordered an investigation to be made, and after the inquiry the students were pronounced to be guiltless, those sentenced to transportation being “pardoned.” Many years afterwards, a son of Castañon visited the cemetery, and after examining the tomb in the presence of a Notary-Public, made a declaration that it had never been disturbed.

The monument, which was erected by public subscription and executed by the Cuban sculptor Saavedra, consists of an elaborately carved pedestal supporting a shaft which is draped. At the base are two figures symbolical of Justice, with scales ill-balanced and broken sword, and History, upon whose scroll is inscribed the word VERDAD,

Truth. Emerging from an open door is the winged figure of Innocence, bearing a tablet inscribed IMMUNIS, Guiltless.

The **Cathedral**, dedicated to the Virgin of the Immaculate Conception, stands near the junction of Empedrado and San Ignacio Streets. It was built in 1704 by the Jesuits in the style familiar in Spanish America with its twin towers and massive walls. When Santo Domingo was ceded to France remains believed to be those of Columbus were removed to this Cathedral with great ceremony, and here they remained until 1899, when, after the Spanish-American war, they were transferred to Seville. It is now generally believed that the remains in question were *not* those of the discoverer, but of a member of his family (see page 414). Other churches of note are those of Santo Domingo (begun in 1578), Santa Catalina (1700), and La Merced (1744), which has several oil paintings of merit.

Permission to visit one or more of the numerous **Tobacco factories** can readily be obtained. Here, while the employees manufacture the cigars for which Havana is justly famous, an individual lightens the monotony of their labours by reading aloud some popular work or newspaper to them.

Some Country Excursions

Marianao Beach, on the Gulf of Mexico (10 miles west of Havana, by electric train every 15 minutes from Concha Station, Carlos III Street, or every few minutes via Vedado), is much resorted to on account of the delightful surf bathing to be enjoyed there. The train runs through some of the most attractive suburbs of Havana, including Puentes Grandes, Buena Vista, and Marianao town (population 9332; 9 miles). Near the beach the palatial **Havana Country Club** with an 18-hole golf course is situated.

The expedition to **Matanzas** (58 miles, 1 hour 55 minutes by train) and back can be made in a day, special personally conducted tours being arranged during the tourist season by the United Railways of Havana. The special fare, \$8.50 (children under twelve \$5.50), covers first-class railway fare, carriage to hotel, lunch, drive to the **Hermitage of Monserrate**, the **Yumuri Valley**, and admission to the

Bellamar Caves. The line passes through extensive fields of sugar-cane, the section between Jaruco and Aguacate being one of the most productive in Cuba. At the latter place is the **Rosario Central Factory**. Between Empalme, (whence a branch runs through a hilly country to **Madruga**, population 2175), three hours from Havana, a typical Cuban village famous for its silver and iron springs, and Ceiba Mocha, is a deep cutting lined with maidenhair ferns and tropical foliage of great beauty. After passing the unpretentious village of Ceiba Mocha (left) and extensive orange groves (right), the train runs through the valley of the San Juan river, the great Pan of Matanzas (1000 feet) being the most prominent feature. Matanzas (population 36,000), the second city and seaport of Cuba, is situated on the south and east side of a spacious harbour. Its streets are well laid out and it has several handsome plazas and ornamental trees and flowers. A feature of the town is a leafy boulevard known as the Paseo. The valley of the Yumuri, which was praised by Humboldt, is best seen from the Hermitage of Monserrate and from the summit of the opposite hill, which is reached through a residential quarter known as Versailles. The Yumuri Valley is a vast natural amphitheatre five or six miles in diameter with precipitous sides except towards the sea, where the river finds an outlet through the vertical walls of a cañon. It was the scene of a massacre of the Arawaks in 1511. Hence the names Matanzas (slaughtering) and Yumuri, said to be a corruption of Io Mori, "I die," the cry of the victims.

Far down below our very feet, lay the lovely valley of the Yumuri, with its grounds now broken into sharp peaks, now gently undulating; its cane-fields with their pea-green verdure, and the dark-green foliage of the tall palms scattered irregularly over them; its golden orange-groves, and luxuriant plantains, with broad waving leaves; its cocoas, its almonds, and its coffee, with here and there a gigantic Ceyba spreading out its massive arms high in air. *Notes on Cuba.*

The caves of **Bellamar** are situated on a plateau about two miles beyond Matanzas. They are entered by a broad stairway cut out of the rock in a small house. The caves are lined on all sides with wonderful crystal stalactites, which are illuminated by electric light. The largest hall

is the Gothic Temple, 250 feet long by 80. They were discovered quite by accident by a workman in 1861, who was quarrying limestone for a kiln. To the man's astonishment his crowbar, inserted in a crevice to dislodge a rock, slipped out of his hands right through the rock and disappeared.

Among many interesting expeditions from Matanzas may be mentioned a trip on the **San Juan** and **Canimar** rivers, the latter winding between steep cliffs for a distance of about eight miles, and then entering an almost impenetrable tropical jungle. The town has several bathing establishments, and its water, known as Copey, is recommended for disorders of the digestive organs.

Visitors—and especially those interested in the fragrant weed—should not fail to visit the famed **Vuelta Abajo** (lower turn) district at the western end of the province of **Pinar del Rio**, which is reached by the Western Railway of Havana. The line passes Rancho Boyeros and Santiago de las Vegas, where much citrus fruit is cultivated. At Güira (18 miles) tobacco cultivation begins.

Artemisa is the junction for Guanajay (9 miles distant), whence Havana can be reached by electric line.

Paso Real (84 miles from Havana) is the station for San Diego de los Baños, famed for its sulphur baths.

Pinar del Rio (population 10,634; 111 miles from Havana), the chief town of the Vuelta Abajo district, has several excellent hotels.

Cardenas, 109 miles east of Havana (4 hours 18 minutes by train), is an important city (population 24,280), situated on the north coast, much sugar being shipped from it. A few miles to the north is **Varadero**, which has one of the finest beaches in Cuba. It is reached either by steamboats across the bay or by motor-cars and coaches over the highway.

Cienfuegos, 195 miles from Havana, on the shore of the Caribbean Sea, is a modern city (population 30,100) with picturesque plazas. Its magnificent bay, 11 miles long by 3 to 5 in width, is one of the finest natural harbours in this part of the world. The city has several delightful suburbs, including Punta Gorda, Cayo Carenas, and Castillo

Jagua. The latter is particularly interesting on account of its old castle, built in the time of Philip V of Spain to protect the harbour from pirates.

It is now possible to visit Eastern Cuba in great comfort, thanks to the service provided by the Cuba Railroad Company. Two trains leave Havana daily, one in the early morning and the other at night, for Santiago. In the provinces of Santa Clara, Camagüey, and Santiago, the road runs through rolling plains and mountainous regions. **Camagüey** (population 29,616; 340 miles) has many old mediæval buildings. The climate of the city, which lies on a plain 550 feet above sea-level, is particularly good. Among the attractions of the place are its weather-worn churches, the most interesting being those of La Merced and La Soledad. The former was built about the year 1628 by missionaries of Our Lady of Mercy. Its high altar is of silver and was fashioned from 40,000 Spanish dollars. The latter was a hermitage in 1697. The present building was begun in 1758. The frescoes date from about 1852. The picturesque Hotel Camagüey occupies the old Spanish military barracks. **Santa Clara** (population 16,702; 180 miles) is the second inland town in importance.

Santiago de Cuba (population 45,470; 538 miles), on the shores of the Caribbean Sea, nestles at the foot of lofty mountains. Its spacious harbour, like that of Havana, is almost land-locked, the promontory protecting it having also a Morro Castle, of great antiquity. It was in this harbour that Admiral Cervera lay from May 19 to July 3, 1898, when his vessels steamed out to destruction, and it was the bottle-necked entrance which Lieutenant Hobson courageously endeavoured to block by sinking the *Merrimac*.

Santiago is an extremely picturesque town with its irregular streets of brightly coloured houses with red-tiled roofs, its plazas, and its many trees. The best shops are in Marina Street—which extends from the Plaza to the bay—and San Tomas Street. Along the bay is the Alameda, a charming drive-way.

One of the favourite expeditions from Santiago is to the battle-field of **San Juan** and **El Caney** (4 miles), which

now comprise a public park. A simple column surmounted by a shell on San Juan Hill is inscribed :

IN MEMORY OF
THE OFFICERS AND MEN OF THE UNITED STATES ARMY,
WHO WERE KILLED IN THE ASSAULT AND CAPTURE
OF THIS RIDGE JULY 1, 1898,
AND THE SIEGE OF SANTIAGO, JULY 1ST TO JULY 16TH, 1898.
WAR BETWEEN SPAIN AND THE UNITED STATES.

Near by is the Surrender Tree, a silk-cotton tree under which General Toral surrendered Santiago to General Shafter on July 17, 1898.

Cobre (9 miles from Santiago), whose name is attributable to the existence of copper mines in the neighbourhood, is worth visiting on account of the famous shrine of Nuestra Señora de la caridad del Cobre (Our Lady of Charity of Cobre). Here, as at Boulogne in France, a miraculous image of the Virgin which was found floating out at sea and salvaged is enshrined.

About 40 miles to the east of Santiago is the American naval station of **Guantanamo**. Historically the place is of interest by reason of the fact that it was here that the English under Admiral Vernon and General Wentworth landed in 1741 to attack Santiago. They called the harbour **Cumberland Bay**. Guantanamo is a shipping port of consequence. The harbour, which is 10 miles long by 4 wide in places, has an outer and inner basin, the latter being approached by an extremely narrow entrance. Guantanamo has two admirable shipping ports in **Boqueron** and **Caimanera**.

To the north of Santiago is the port of **Antilla** (population 1100 ; 517 miles), on **Nipe Bay**, which is reached by a branch line from Alto Cedro. If the present rate of development is continued, this port will soon be one of the most prosperous in the island. Several shipping companies already include this town-in-the-making among their ports of call, and there is usually time to visit **Preston**, the immense sugar factory of the United Fruit Company, between the arrival and departure of steamers. The wooded hill beyond Antilla, which commands a fine view of the

town and bay and the blue masses of the Mayari Mountains, will in time become a city park.

A trip to **Batabano**, on the south coast (36 miles from Havana ; 1 hour 55 mins. by train), and back can easily be made in an afternoon. The place is the scene of an interesting sponge fishery, and the port of departure of the steamer for the Isle of Pines.

THE ISLE OF PINES

The **Isle of Pines**, a dependency of Cuba, with an area of 840 square miles and a population of about 5000, of whom 2000 are Americans, can be reached either from Batabano or Santiago. Leaving Batabano overnight (Monday, Wednesday, or Friday), the steamer reaches the island early on the following morning. (*Fares* : Single \$7.60, return \$12.00.) The steamer returns to Batabano on Tuesdays, Thursdays, and Saturdays. **Nueva Gerona**, the capital, on the Rio Casas, is almost surrounded by mountains, the Sierra de las Casas and the Sierra de Caballas. The island has become quite an American settlement, and at **Santa Fé** and **Los Indios** many prosperous citrus and pine-apple plantations can be seen. Other progressive centres are those of **Santa Barbara** and **West McKinley**.

In the northern half of the island there are many groves of oranges, grape-fruit, limes and pine-apples, all of which fruits grow to perfection in this favoured climate.

The Isle of Pines is dotted with the bungalows of the American settlers, many of which are quite artistic. In the winter months the American colony is swelled by many visitors from the United States, who amuse themselves by bathing off the delightful beaches of Nueva Gerona and Bibijagua, by motoring over the excellent roads, and by boating on the Casas river.

PORTO RICO

Borinquen : The Rich Port

GENERAL ASPECT. Porto Rico, formerly and more correctly known as Puerto Rico, lies in latitude 18° 15' N. and longitude 60° 30' W., 70 miles to the east of Haiti, from which it is separated by the Mona Passage, and an equal distance

west of St. Thomas and St. Kitts. The island is 108 miles long, and its total area is 3530 square miles, or rather smaller than that of Jamaica and somewhat less than half of that of the State of New Jersey. The population of the island, which has lately risen with great rapidity, is 1,118,000, or 325 to the square mile, of whom no fewer than two-thirds are classed as white, the remaining third being negroes.

Porto Rico is mountainous, a low range of mountains extending through its greatest length. The highest peak, El Yunque—the Anvil—rises in the north-east corner to 3600 feet. The slopes of the mountains resolve themselves near the coast into plains of great beauty and fertility. The island is well watered, the chief rivers being the Rio Loiza, the Rio de la Plata, Rio Manati, and Rio Arcibo, which empty themselves on the north side. San Juan, the capital (population, 48,716), is situated on an island promontory which encloses an almost land-locked harbour on the north coast. Ponce (35,000), the second town in size, is situated on the south side, and Mayagüez (population 16,563), another town of importance, is near the centre of the west coast overlooking Mona Passage. Porto Rico has three island dependencies, namely Mona, in the channel of the same name, and Vieques, or Crab Island, and Culebra, off the east coast. Vieques, which is 21 miles long and 6 wide, is extremely fertile and supports a population of some thousands. Culebra, on the other hand, is almost barren, the inhabitants being dependent on rain for their water supply.

INDUSTRIES. Under the Spanish régime coffee was the principal industry of the island, but since the American occupation, sugar, which was so highly protected by the Payne Tariff, has taken first place among the exports of the island, with tobacco, its no less favoured neighbour, a good second. It remains to be seen how these industries will be affected by the Underwood Tariff, which provides for the free admission of sugar into the United States from 1916. Coffee, which was protected under Spanish rule, is one of the few products which is on America's "free list," and this, combined with the partial destruction

of the plantations by the severe cyclone of 1899, has done much to injure this one-time important industry. Porto Rico coffee, which is sold almost exclusively in Europe, only requires to be better known for it to rank with the finest produced in the world. In 1913 the principal exports were :

Sugar	\$26,619,158
Tobacco	\$ 5,800,686
Coffee	\$ 8,511,316

FINANCIAL POSITION. The financial position of the colony is shown by the following comparative table of its revenue and expenditure, and imports and exports, for the last ten years :

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
			\$	\$
1904	Figures 1904-1912 not available.		13,169,029	16,265,903
1905			16,536,259	18,709,565
1906			21,827,665	23,257,530
1907			29,267,172	26,996,300
1908			25,825,665	30,644,490
1909			26,554,326	30,391,225
1910			30,634,855	37,960,219
1911			38,786,997	39,918,367
1912			42,926,473	49,705,413
1913			\$4,344,227	\$4,516,729	36,900,062	49,103,565

CLIMATE. Being but a few degrees within the tropics, Porto Rico enjoys exceptionally favourable climatic conditions. The weather is cool in the winter months, and there is always a marked difference between the night and day temperatures. From November to March the temperature rarely rises above 75° Fahr., while the thermometer often falls as low as from 50° Fahr. to 60° Fahr. The lowlands in the north have a superabundance of rain, but the south is subject to droughts. Since the occupation of the island by the United States, its sanitation has undergone marked improvement.

HISTORY. Porto Rico, the "rich port" of the Spaniards and the Borinquen of the original Arawak inhabitants, was discovered by Columbus in 1495. In 1508 Juau

Ponce de Leon, who had been one of the discoverer's companions on his first voyage, having received permission from Nicolas de Ovanda, Governor of Hispaniola, to explore the island, founded a settlement at Caparra, near the present capital. The settlement was ineffectually attacked by Drake in 1595, "with sixe of the Queene's shippes, and, twenty-one other shippes and barkes, containing 2500 men and boys." Sir John Hawkins, who accompanied the expedition, "was extreme sicke; which his sickness began upon the newes of the taking of the *Francis*." He died off the island on November 12, and was buried at sea. The ships anchored two miles to the east of the capital, and on the 13th they entered "the rode within the great castels" one of which contained "thirty-five tunnes of silver." Three years later the Earl of Cumberland endeavoured to capture the island, but without success. The Dutch under Heinrich tried to reduce it, and in 1678 an attempt was made in the same direction by the English, but both proved unsuccessful. Sir Ralph Abercromby and Admiral Harvey made a further attack on the island in 1797, two months after the capture of Trinidad, but after four days' siege they were compelled to retire. The sloops *Beaver* and *Fury* with the lighter vessels entered a small bay a few miles to the east of the capital and disembarked the troops without meeting with much opposition. Abercromby then advanced against the eastern side of the town and proceeded to bombard it. Owing, however, to the lagoon which separated it from the main island he could not get near enough, and after a few days he withdrew and re-embarked his troops "with the greatest order and regularity." In 1820 a movement for independence was started, but Spanish supremacy was re-established in 1823. After remaining a Spanish possession for over four hundred years, the island was ceded to the United States after the Spanish-American War. On July 25, 1898, the United States fleet made a demonstration before San Juan. Meanwhile 3400 men under General Miles were landed at Guanica on the south coast, 15 miles to the west of Ponce. Three days later that town was surrendered, the Spanish Governor,

General Manuel Macias y Casado, falling back on the central ridge of mountains. The Americans then prepared to advance by separate routes across the island ; Guayama, Mayagüez, and Comao were occupied, and part of the American army was within twenty miles of the north coast and the other had almost reached Aibonito along the Military Road, when news reached the island of the signature of the peace treaty of August 12, and hostilities were suspended. The island was finally ceded to the United States on December 10, 1898, by the treaty, which was signed on that date and ratified on February 6, 1899.

CONSTITUTION. A Bill—commonly known as the “Foraker Bill”—providing for a civil government for Porto Rico was introduced into the fifty-sixth Congress of the United States and was passed and assented to by the President on April 12, 1900. Under this Act civil government was established and came into effect on May 1, 1900. The Governor is appointed by the President of the United States and holds office for four years. He and the six secretaries of departments are American. There are two legislative chambers, the Executive Council, or “Upper House,” composed of the Government Secretary, Attorney-General, Treasurer, Auditor, Commissioner of the Interior, and Commissioner of Education, and five citizens appointed by the President, and the House of Delegates, or “Lower House,” consisting of 35 members, elected by the people every two years. The island is represented in the Congress of the United States by a Resident Commissioner. President Roosevelt in 1906 recommended the grant of United States citizenship to all Porto Ricans, but his suggestion has not yet been adopted by Congress. An endeavour is being made by Porto Ricans to secure self-government, and there is a movement in favour of independence under American protection.

HOTELS. **San Juan.** *Hotels Inglaterra, Eureka, Ronia, and Mona.* Rooms, \$1.50 to \$3.00 per day. For meals the Restaurant *Filippi* is recommended. **Ponce.** *Hotels Français and Melia* Rooms, \$1.50 to \$3.00 per day. **Mayagüez.** *Hotels Palmer and Paris.* Board and lodging, \$1.50 to \$2.50 per-day.

MEANS OF COMMUNICATION. Porto Rico is served by the steamship companies numbered 10, 15, 17, 20 and 27 in the list on pages 14 to 27. The railway of the American Railroad Company of Porto Rico connects San Juan with Ponce and Carolina and Ponce with Guayama. The names of the principal stations are given below.

SAN JUAN—PONCE

Stations.	Miles from San Juan.	Approx. Time Taken.	
		hr.	min.
San Juan City	—	—	—
San Juan Station	—	—	7
Talleres	$3\frac{1}{8}$	—	18
Santurce	$3\frac{3}{4}$	—	21
Martin Peña	5	—	30
Bayamón	$12\frac{1}{2}$	—	52
Toa Baja	$13\frac{5}{8}$	1	16
Dorado	$19\frac{7}{8}$	1	19
San Vicente	$27\frac{3}{8}$	1	40
Vega Baja	$29\frac{1}{4}$	1	46
Manatí	36	2	6
Barceloneta	$40\frac{3}{8}$	2	18
Cambalache	51	2	49
Arrecibo	$52\frac{5}{8}$	2	56
Hatillo	$57\frac{5}{8}$	3	25
Camuy	$62\frac{1}{8}$	3	30
Quebradillas	69	5	53
Isabela X.	$76\frac{1}{2}$	4	20
Aguadilla Puente	$88\frac{1}{4}$	5	23
Aguada	$94\frac{1}{2}$	5	43
Córcega	$103\frac{3}{4}$	6	49
Añasco	$111\frac{1}{4}$	6	31
Mayagüez Playa	$116\frac{1}{4}$	6	46
Mayagüez Ciudad	$117\frac{1}{2}$	6	58
Hormigueros	123	7	15
San Germán	$128\frac{5}{8}$	7	36
Lajas Ciudad	$133\frac{1}{8}$	7	53
Lajas Estación	$134\frac{3}{4}$	7	58
Santa Rita	$146\frac{5}{8}$	8	33
Yauco	$149\frac{3}{4}$	8	44
Guayanilla	$157\frac{1}{2}$	9	6
Tallaboa	$162\frac{1}{2}$	9	29
Ponce	$171\frac{1}{4}$	9	45

SAN JUAN-CAROLINA

STATIONS.	Miles.	Approx. Time Taken.	
		hr.	min.
San Juan City . . .	—	—	—
San Juan Station . . .	—	—	15
Miramar	$1\frac{7}{8}$	—	19
Talleres	$3\frac{3}{8}$	—	25
Santurce	$3\frac{3}{4}$	—	28
Martin Peña	5	—	35
Rio Piedras City . . .	$6\frac{3}{4}$	—	44
Rio Piedras Station . .	$7\frac{1}{2}$	—	48
Carolina	$13\frac{1}{2}$	1	12

PONCE-GUAYAMA

STATIONS.	Miles.	Approx. Time Taken.	
		hr.	min.
Ponce	—	—	—
Caño Verde	$1\frac{1}{4}$	—	5
Porinna	$6\frac{1}{4}$	—	25
Potalo	8	—	34
Descalabrado	13	—	57
Santa Isabel	$15\frac{1}{2}$	1	6
Salinas	$20\frac{1}{2}$	1	38
Aguirre	$26\frac{1}{8}$	2	0
Guayama	$37\frac{1}{4}$	2	37

Cabs and motor-cars can be hired in San Juan, Ponce, and Mayagüez. Cabs, \$1.50 and \$2.00 per hour; motor-cars, \$5.00 per hour. A feature of the island is its fine system of macadamised roads, of which there are now fully 600 miles, the principal being the "Military Road" between San Juan and Ponce, which was constructed by the Spaniards over a century ago.

There are several good garages in San Juan where motor-cars can be hired for the round-trip between San Juan and Ponce, the charge for which is \$40.00.

San Juan has a service of electric cars which also run

to the suburbs of Santurce and Rio Piedras. Ponce also has an electric car service.

SPORTS. Since American occupation base-ball has been played ; but opportunities for visitors with athletic tastes are fewer than in most other West Indian islands. Devotees of Terpsichore will find dancing popular. Masquerade balls are held every year during the Carnival at the municipal theatres.

SOCIAL CLUBS. The principal club in San Juan is the Spanish Club. There is also a Country Club near the Park and the Union Club pleasantly situated at a short distance out of the town. The Y.M.C.A. occupies a magnificent building in the outskirts of the town, and mention must also be made of the Casino of Porto Rico and the Ateneo de Puerto Rico (the Porto Rico Athenæum) in the Plaza Principal.

PRINCIPAL SIGHTS. San Juan (population, 50,000), the old San Juan de Bautista de Puerto Rico, is situated on a promontory that is practically an island connected with the mainland by the bridge of San Antonio, which crosses a marshy lagoon. At the seaward extremity of this promontory, which encloses a magnificent and almost land-locked harbour, is the historic **Morro Castle**, which was erected between the years 1539 and 1584. San Juan was once strongly fortified, and it still forms a noble example of an old Spanish walled city ; and it is noteworthy that though the elaborate fortifications existing in 1898 were obsolete they suffered no material damage when they were bombarded by the modern guns of the United States fleet.

Not far from the Morro is the ancient **Castle** of Ponce de Leon, the founder of the city.

The city, which is clean and well cared for, has several spacious plazas, in the principal of which are the municipal buildings. In the **Plaza Cristobal** there is a well-executed statue of Columbus, who stands on a column grasping the banner of Ferdinand and Isabella, as he did on setting foot for the first time on the New World. The old **Intendencia** is now used by the Government departments.

The favourite excursion from San Juan is the drive by

the **Military Road** from San Juan to Ponce and from Cayey to Guayama. **Ponce**, which stands on a plain 2 miles from the seaport of Playa, was founded in 1752. Mayagüez, the third town in importance, stands on the west coast overlooking the Mona passage.

Porto Rico has not yet been developed as a tourist resort to the same extent as Cuba ; but this American island has far greater natural beauty than Cuba can boast. Its roads are superb, and the example of the Spanish, and later the American, engineers might with advantage be followed elsewhere in the West Indies.

CHAPTER XV

HAITI AND SANTO DOMINGO

The Black Republics

GENERAL ASPECT. The highly fertile island of Haiti, or Hispaniola, is divided between the two independent Republics of Haiti, which occupies 9242 square miles at the western end, and Santo Domingo, with an area of 20,596 square miles at the eastern end. The former has, according to the estimates of the priests, a population of 1,600,000, and the latter 1,000,000. Next to Cuba, Haiti is the largest of the West Indian islands, its greatest length being 407 miles, its extreme breadth 160 miles, and its total area 29,838 square miles, or about the same as that of Ireland. It is one of the Greater Antilles and lies between Cuba and Porto Rico, being separated from Cuba by the Windward Passage, the width of which from Cape Maisi in Cuba to Mole St. Nicolas in Haiti is 130 miles, and from Porto Rico by the Mona Passage, 70 miles in width. In shape the island has been compared to a turtle, its eastern projection forming the head and the two western peninsulas the hinder limbs. The island is decidedly mountainous, but there are large and fertile plains between the several groups. There are three distinct ranges of mountains, all extending east and west. The scenery is grand beyond description, the mountains being covered by dense forests. The Dominican Republic may be roughly divided into two districts, one comprising the well-watered lands in the east and the other the very rich irrigated county in the west.

Good roads are being made by degrees, and it is hoped that a railway will soon be constructed from the capital to Manzanillo Bay via Santiago and La Vega, thus affording

unbroken railway communication between the capital and Manzanillo Bay, Puerto Plata and Sanchez. Other railways contemplated are from La Romano to Seybo and from Barahona to Lake Enriquillo. The existing railways, of which there are 175 miles in Haiti and 500 miles in Santo Domingo, are narrow-gauge and give very poor service.

INDUSTRIES. In Haiti tobacco, coffee, cocoa, and sugar are cultivated, and the island is supposed to possess valuable deposits of coal, copper, and other minerals. Sugar is extensively cultivated in Santo Domingo, and tobacco, coffee, bananas, and cocoa are also exported, together with mahogany, lignum vitæ, cedar, and satin-wood. No attempt has as yet been made to develop the deposits of iron, gold, copper, and salt which are known to exist. The island has much savannah country suitable for cattle, but very little use has so far been made of it. The trade of Haiti and Santo Domingo is mainly with the United States, which supply 60 per cent. of the total imports of both republics.

The chief exports from Santo Domingo in 1912 were valued as under :

Sugar	\$5,841,000
Cocoa	4,249,000
Tobacco	670,000
Coffee	566,000
Hides	235,000

FINANCIAL POSITION. The revenue and expenditure, and imports and exports of Haiti, and Santo Domingo for the five years are given, as far as obtainable, in the following tables :

HAITI

Year.	Revenue.	Expendi- ture.	Imports.	Exports.
	\$	\$	\$	\$
1906-7 .	3,375,612	..	..	2,870,000
1907-8 .	..	3,973,899	..	2,255,000
1908-9 .	2,760,888	2,777,687	5,881,000	3,480,000
1909-10 .	2,700,000	3,329,010	6,100,000	4,200,000
1910-11 .	3,280,000	3,280,000	7,153,467	..

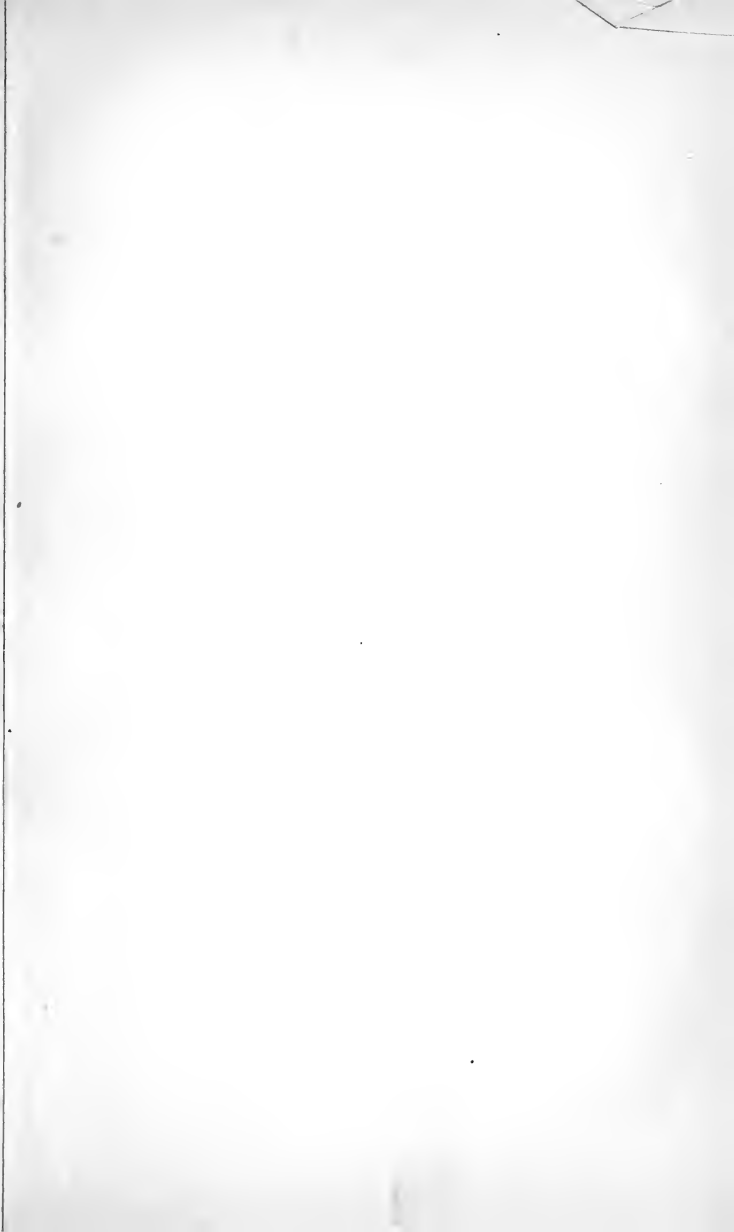
SANTO DOMINGO

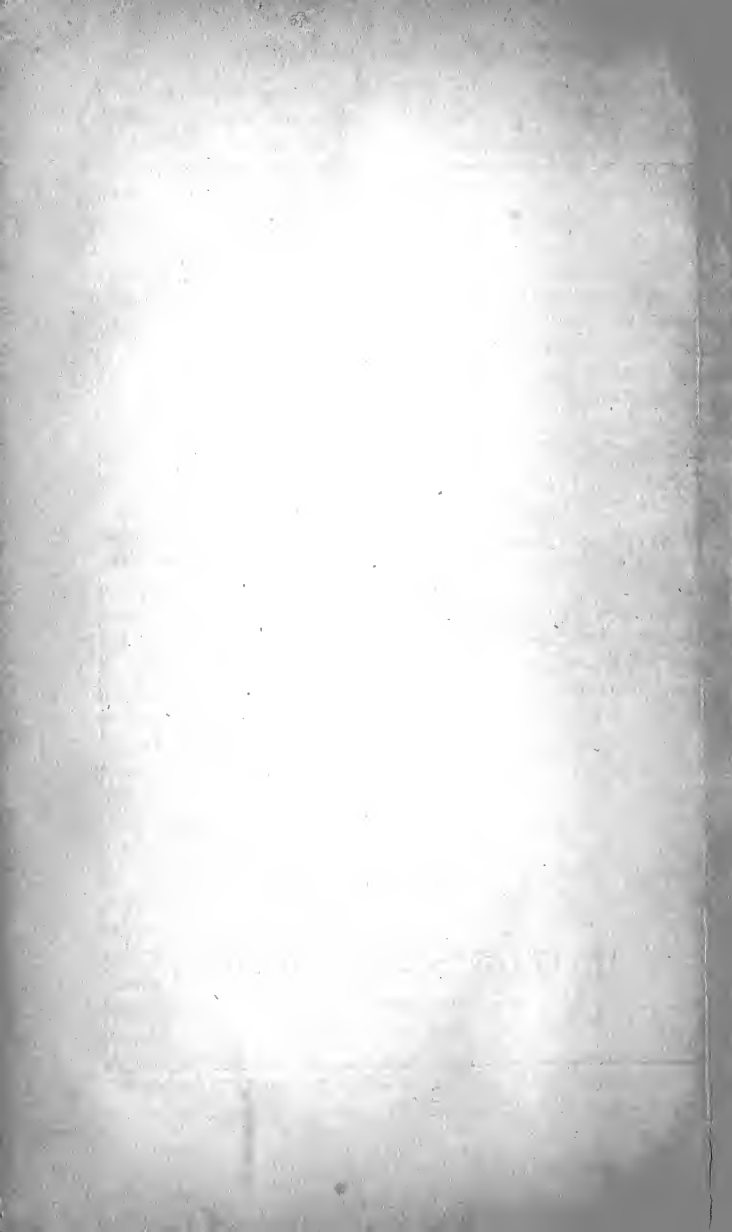
Year.	Revenue.	Expenditure.	Imports.	Exports.
	\$	\$	\$	\$
1908 .	3,984,300	3,990,000	5,128,000	9,490,000
1909 .	4,520,120	4,530,000	4,426,000	8,134,700
1910 .	4,700,000	4,650,000	6,257,750	10,850,000
1911 .	4,860,000	4,806,000	6,949,662	11,004,906
1912 .	5,809,785	5,845,994	8,217,898	12,385,245

In 1907 a treaty with the United States was ratified, under which the latter country now collects the Customs duties and acts as an intermediary between the Dominican Republic and its foreign creditors. The debt on January 1, 1912, was \$20,000,000.

CLIMATE. The climate of Haiti and Santo Domingo is dry and extremely healthy, the thermometer rarely rising above 90° Fahr. The rainy seasons are in May and June and from July to September, in which month storms most frequently occur. The towns are reasonably clean. In Santo Domingo yellow fever is never heard of. The commonest form of fever is that known as "Paludismo," which resembles a very mild type of malaria.

HISTORY. Columbus visited Haiti from Cuba, landing at Mole St. Nicolas on December 6, 1492. He found the island inhabited by 2,000,000 aborigines, who called the island Haiti, the "Mountainous Country," and Quisquica; the "Vast Country"; but Columbus changed the name to Espagnola, or Little Spain, which was latinised to Hispaniola. Adventurers from Europe, attracted by the usual tales of gold, flocked to the island, and after thirty years the natives, whom they cruelly maltreated, were crushed out of existence. In 1505 negroes were first introduced into the island, and by royal edict, in the year 1517, the importation of 4000 negroes a year was authorised. In 1630 a mixed colony of French and English, who were driven out of St. Kitts, and had established themselves at Tortuga, where they became formidable under the name of Buccaneers, settled in Haiti, and in 1697 the part





of the island which they held was ceded by the Treaty of Ryswick to France. After 1722 the colony, which was called Saint Dominigue, flourished, and it continued to prosper until the French Revolution of 1789, when the free people of colour demanded that the principles of the Revolution should be extended to them. This was opposed by the whites, and the two classes were at enmity.

In 1791 a decree was passed giving mulattoes all the rights of French citizens, but in the same year the decree was reversed, and the mulattoes fought with the blacks against the whites in a war which began with an insurrection of the slaves. In 1793 the abolition of slavery was proclaimed, and the English invaded the island. Toussaint l'Ouverture, the leader of the blacks, helped the French, and was made Commander-in-Chief of the French army. The English were driven out in 1798, and the French became masters of the whole island, which had been ceded to them by the Treaty of Basle three years previously. Toussaint in 1801 adopted a constitutional form of government, in which he was to be President for life; but Bonaparte, then First Consul, determined to reduce the colony and restore slavery, sent out 25,000 troops under General Leclerc. The blacks retired to the mountains, but a desultory war was kept up until Leclerc cajoled the native chiefs into a suspension of hostilities, and, having invited Toussaint to an interview, seized him and sent him to France, where he died in prison in 1803. The blacks were infuriated, and renewed the struggle under General Dessalines. In 1803, on the approach of an English fleet, the French agreed to evacuate the island, and in 1804 independence was declared, and the aboriginal name of Haiti revived. Dessalines was made Governor for life, but later in the year he proclaimed himself Emperor. He was assassinated in 1806, and two rival chiefs, Christophe and Pétion, established themselves in the north and south respectively; while the Spaniards retook the eastern part of the island, which they called Santo Domingo. Pétion died in 1818, and, Christophe having committed suicide in 1820, General Boyer became master of the whole of the western end of the island, and in 1822, taking advantage

of dissensions in the Spanish part, he invaded it and captured the whole of it. The entire island was then called Haiti, but in 1843 he was driven out by a revolution, and in 1844 the people in the eastern end established the Dominican Republic, and from that date the two political divisions have been maintained.

CONSTITUTION. The Government of Haiti is administered by a President and two Chambers, the members of which hold office according to a constitution which dates from 1889. In the case of Santo Domingo, the Government is in the hands of a National Congress of twenty-four deputies, a President with executive power, elected by an electoral college, and an Administrative Ministry, appointed by the President. Haiti has an army of 7000 men and three gunboats, and Santo Domingo has also a small army and a few gunboats.

HOTELS. The hotel accommodation both in Haiti and Santo Domingo is extremely poor even in the larger towns, and visitors to the smaller towns must be prepared to rough it considerably.

MEANS OF COMMUNICATION. Haiti is served by the steamship companies numbered 10, 11 and 15, and Santo Domingo by those numbered 10, 15, and 16 in the list on pages 14 to 27.

In **Haiti** there are a few short lines of railway in operation

STATIONS.	Miles.	Approx. Time Taken.	
		hr.	min.
Puerto Plata	—	—	—
La Sabana	5	—	55
Barrabas	8	1	25
Bajabonico	11	1	45
Altamira	18	2	42
La Cumbre	22	3	5
Navarrete	29	4	22
Las Lagunas	34	4	50
Santiago	42	5	30
Peña	50	6	35
San Victor	55	7	12
Moca	60	7	55

and a more elaborate railway system connecting the chief business centres is in course of construction. The public railroads in **Santo Domingo** are (1) the Central Dominican (belonging to the Government) between Puerto Plata and Moca, and (2) the Samana and Santiago (a British Company) between Sanchez (on the Bay of Samana) and La Vega, with branches to San Francisco de Macoris and Salcedo. From the latter station an extension is (1914) being made to Moca where the two railroads will join. A list of the principal stations on the Central Dominican Railroad is given on the opposite page.

The chief stations on the Samana and Santiago Railroad are as under :

STATIONS.	Miles from Sanchez.	Time Taken.	
		hr.	min.
Sanchez		—	—
Almacen (Villa Riva)	21	1	25
La Ceiba	28	1	55
Barbero (Pimentel)	33	2	30
Baird (La Jina)	45	3	15
Macoris (San Francisco)	52	3	45
Las Cabullas	55	4	45
La Vega	62	5	10
La Jagua	61	6	13
Salcedo	66	6	30
Moca	73	—	—

On both lines the trains also stop at a number of smaller stations on signal.

PRINCIPAL SIGHTS. The absence of roads and hotel accommodation makes travelling in **Haiti** difficult. No whites live anywhere except in the seaside towns, and the interior is still to a great extent unexplored. Beyond the beauties of nature there is little to attract visitors, though the ruins of the old Palace at Milo, near Cape Haitien, and the citadel above, both built for President Cristophe, are well worth seeing.

The capital of **Santo Domingo** is the city of the same

name (population 22,000) which is situated on the south coast.

The town contains many buildings and ruins of historical interest, most of them being associated with the family of Columbus. In the **Cathedral**, which was completed in 1540, the ornate tomb of Columbus is an object of interest. It contains what are believed to be the genuine bones of the great discoverer, which lie in a battered leaden casket roughly inscribed with his name and titles. They were found about thirty years ago, while some repairs were being executed, in the spot indicated in the archives as the burial-place of Columbus and next to the vault from which the supposed bones of the discoverer were exhumed. Columbus died at Valladolid on May 20, 1506, and was buried there. In 1542, however, his remains were exhumed and, in accordance with a wish which he had expressed before his death, they were taken to Santo Domingo and placed in a vault in the cathedral. In 1795, when the island was ceded to France, remains believed to be those of Columbus were removed to Havana, and in 1899, after the Spanish-American War, these were transferred to Seville and buried with great pomp in a stately tomb in the Cathedral there. It now appears to be generally believed that the remains in Spain are those of some other member of the Columbus family, and that the true bones of the great discoverer lie in the Cathedral of Santo Domingo.

Other towns of consequence are **Santiago** (population 12,000), **San Pedro de Macoris** (8000), and **Puerta Plata** (8000). The chief districts of cultivation are at present the "Cibao" district, which extends from Santiago to Sanchez and offers a suitable soil for the cultivation of cacao, coffee and tobacco, and the sugar-lands along the South coast between Santo Domingo and La Romana.

The principal physical features which appeal to visitors are the salt Lake Enriquillo, whose surface is about 100 feet below sea-level, Monte Tina (over 10,000 feet high), the Constanza Valley, the Falls at Jarabacoa, and Samana Bay. Interesting Indian remains are to be found, especially near San Juan in the West and Higüey in the East.

CHAPTER XVI

THE SPANISH MAIN

South America's Historic Northern Littoral

GENERAL ASPECT. The Spanish Main is the name given in the days of the buccaneers to the north-east coast of South America between the delta of the Orinoco and the Isthmus of Panama. Once a Spanish possession, it is now shared by the republics of Venezuela, Colombia and Panama.

The countries, generally speaking, are mountainous, while the front lands are sandy. Next to the Orinoco, the chief river is the Magdalēna, which empties itself by a wide delta to the west of Savanilla. The principal ports are La Guaira and Puerto Cabello in Venezuela, both of which are connected with Caracas, the capital of that country, by railway, and Santa Marta, Savanilla and Cartagena in Colombia. The mail steamers call at one or more of these ports in the course of the voyage between Trinidad and Colon ; but passengers desirous of going ashore at any of them as well as at Colon are advised to visit them after the latter place, for the Isthmian Canal authorities subject arrivals from Venezuelan and Colombian ports to rigid quarantine. The mail steamer coasts along the Spanish Main, taking eight days on the voyage from Colon to Trinidad.

HISTORY. The Spanish Main was discovered by Columbus, who crossed over to what is now Venezuela, after setting foot on Trinidad for the first time, in 1498. Alonso de Ojeda coasted along it in the following year and, having obtained a grant of the district from Cape Vela to the Gulf of Darien in 1508, founded the colony of Nueva Andalucia

there. Some years later Diego de Nicuesa established the settlement of Castilla del Oro farther to the west, and in 1514 the two colonies were united under the name of Tierra Firme. Meanwhile Vasco Nuñez de Balboa had, in 1513, discovered the Pacific, an event which proved the beginning of a period of immense prosperity for the country. Gold and silver were transported across the Isthmus of Panama and the Spanish galleons gathered in the harbours of Porto Bello and Cartagena, whence they carried the treasure of the New World to Cadiz. For years Spain monopolised the trade in spite of the constant raids by the buccaneers and pirates.

In 1564 the country was formed into a Spanish Presidency called New Granada, and in 1718 it was raised to the position of a Viceroyalty, only to be reduced to a Presidency again in the following year. The Viceroyalty was revived in 1740 and extended to include Venezuela, a Spanish settlement at the eastern end of the Main which was making rapid growth. The attacks against the supremacy of Spain now became more frequent. In 1572 Sir Francis Drake, who had been furnished with letters of marque by Queen Elizabeth, raided Nombre de Dios, a strongly fortified town of great wealth and consequence, and in 1585 he captured Cartagena and exacted a ransom of 110,000 ducats from the inhabitants. In 1679 the town was again raided by de Ponti, a Frenchman, assisted by the buccaneers, and in 1740 it was attacked unsuccessfully by Admiral Vernon, who in the previous year had justified his boast that he could capture Porto Bello with six ships only.

Towards the end of the eighteenth century, Spain's power began to wane, and in 1811 the struggle for independence began under the leadership of Simon Bolivar, the Liberator. In 1811 Venezuela declared her independence, and from that year until 1824 there was constant war between the colonics on the Main and their mother country. In 1819 Bolivar effected the union of Venezuela, Colombia and Ecuador under the title of the Republic of Colombia, whose independence was recognised in 1825. The yoke of Spain having thus been removed, a long series of civil wars and dissensions commenced. In 1829 Venezuela seceded from

Colombia. Bolivar died in 1830, and in the year after his death the Republic of New Granada was founded. In 1843 the provinces of Cartagena, Veragua and Panama withdrew from the federation, but they were brought back within twelve months. In 1861 the Republic of Colombia was re-established.

HOTELS. **Barranquilla.** *Pension Inglesa*, Calle de San Blas, board and lodging \$3 (12s. 6d.) per day and upwards. Table d'hote lunch or dinner 80 cents (3s. 4d.). **Caracas.** *Grand Hotel Klindt*, *Gran Hotel* and *Hotel Saint Armand*, luncheon or dinner, 4 bolivars (3s. 2d.). **Cartagena.** *Walter's Hotel*, Calle de San Augustin, and *Mariani's Hotel*, Calle de Cuartel. Board and lodging \$2.50 (10s. 5d.) per day. Table d'hote lunch or dinner \$1 (4s. 2d.). **Puerto Cabello.** *Hotel de los Baños*. Meals at moderate prices. At **Puerto Colombia** there are no hotels or accommodation of any kind.

MEANS OF COMMUNICATION. The steamers of the companies numbered 1, 2, 3, 5, 10, 11, 15, 20 and 21 on pages 14 to 27 visit the principal ports on the Spanish Main. **Barranquilla** can be reached by railway from Savanilla or by railway and steamer from Santa Marta (*see next page*). Carriages 80 cents (3s. 4d.) per hour for two persons and \$1.20 (5s.) for three. **Caracas.** Carriages de luxe can be hired on Sundays and fête days, when they are in great request, from 4.30 to 7 P.M. for 32 bolivars (£1 5s. 4d.) with American horses, and bs. 26 (£1 0s. 7d.) with native horses; per hour bs. 10 (7s. 11d.) American; bs. 8 (6s. 4d.) native. On week-days the tariff is bs. 8 (6s. 4d.) American; bs. 6 (4s. 9d.) native. Numbered cabs, bs. 1.50 (1s. 2d.) per course, bs. 2 (1s. 7d.) between 10 and 1 P.M. and bs. 4 (3s. 2d.) between 1 P.M. and 6 A.M. Motor-cars can be hired for bs. 12 (9s. 6d.) per hour on weekdays and bs. 16 (12s. 8d.) per hour on Sundays. **Cartagena.** Steamers go alongside a wharf on Drake's Spit, from which the city is reached by a light railway. Fare 5 cents (2½d.). Carriages 80 cents; (3s. 4d.) per hour for one or two persons, \$1 (4s. 2d.) for three, and \$1.20 (5s.) for four. The city is connected with Calamar on the Magdalena river (36 miles) by the Cartagena (Colombia) Railway. *Fare*, \$2.50. **La Guaira.**

Landing charge from steamers to the wharf 42 cents (1s. 9d.). The port is connected with Caracas, the capital of Venezuela, by the line of the La Guaira and Caracas Railway Company Limited (23 miles). A list of stations on the line and their height and distance from La Guaira is given below. The fares are: first-class single, bs. 7; return, bs. 10.50; second class single, bs. 5; return, bs. 7.50:

STATIONS.	Miles.	Height in feet.	Time Taken.
La Guaira	0.00	6	—
Maiquetia	1.30	50	0.08
El Rincón	2.46	300	0.15
Curucuti	6.97	1078	0.40
Zig-Zag	9.89	1533	1.00
Boquerón	11.80	1955	1.10
Peña de Mera	14.00	2295	1.27
Cantinas	18.00	2903	1.46
Caracas	23.00	2984	2.08

Puerto Colombia. The pier is owned by the Barranquilla Railway and Pier Company Limited, whose line goes to Barranquilla (17 miles, about 40 minutes each way).

Santa Marta is connected with the interior of Colombia by means of the Santa Marta Railway to Cienaga Grande (24 miles), whence passengers and mails are conveyed by a small river steamboat every sixth day to Barranquilla. *Fare*, \$3.80.

PRINCIPAL SIGHTS. Some five or six hours after leaving Colon, steamers coasting along the Spanish Main pass the site of **Nombre de Dios** and **Porto Bello**. It was off Nombre de Dios that the remains of the redoubtable Drake were committed to the deep in 1595. The final expedition of the great Elizabethan seafarer proved unfortunate from the start. His kinsman and trusted friend Sir John Hawkins, who accompanied him, died off Porto Rico. Nombre de Dios was found to be deserted, and an attempted march on Panama failed. Eventually Drake succumbed to an attack of dysentery on board his ship the *Defiance* off Porto Bello, January 28, 1595-6. Next day his body,

enclosed in a leaden coffin, was consigned to the waters of the Caribbean. As an anonymous poem quoted by Prince in "Worthies of Devon" says :

The waves became his winding-sheet ; the waters were his tomb ;
But for his fame, the ocean sea was not sufficient room.

Porto Bello was peopled with the inhabitants of Nombre de Dios in 1584, when that city was virtually abandoned after being repeatedly raided by the Indians. As the Atlantic entrepôt of the trade of Peru it attained to a position of great wealth and affluence, and was very strongly fortified. Owing to the excessive cost of living at Porto Bello, the Spanish galleons used to lie in the harbour of Cartagena until the news reached them of the arrival of the treasure ships from Peru at Panama. Then they would drop down to Porto Bello to await the mules which arrived in trains of about a hundred each, loaded with gold and silver. To receive this treasure a large tent made of sails was erected in the principal square by the sailors, and fairs, of what in those days was considered great magnificence, were held periodically. Porto Bello was sacked by Drake in 1572, by Morgan in 1668, and by John Spring in 1680. The place was also captured by Admiral Vernon, who justified his boast that he could take it with six ships, in 1739. The victory was followed by great rejoicings in England, which are recalled by the names Portobello road and junction, and by numerous public-houses dedicated to Admiral Vernon.

A large rock quarry at Porto Bello supplied the stone used for the Colon breakwater and in the construction of the locks and dam at Gatun on the Panama Canal.

Long before **Cartagena** itself is seen, an almost isolated hill which dominates it comes into sight. This is the historic Popa—so called from the resemblance of its shape to that of the poop (popa) of a ship—to which in the old days sailors made obeisance when they first "picked it up." As the steamer draws nearer, the buildings of the old Augustinian monastery, Nuestra Señora de la Popa, which are perched on the summit, can be distinguished.

Cartagena, which was founded by Pedro de Heredia in

1533, stands at the foot of this hill on a sandy peninsular connected with the continent by a narrow neck of land. From the distance the white houses of the city appear to rise out of the sea, just as the palaces and towers of Venice seem to do as one approaches the Italian city from Mestre across the lagoon. At first sight Cartagena looks as if it had been placed in a singularly exposed position; but it must be remembered that in the days of its greatness there were no long-distance guns. Besides, nature has protected it by reefs and the formidable Salmedina sandbank, which has taken its full toll of shipping and compels vessels on the western voyage to approach the city by a circuitous channel along and round the islands which help to form its secure harbour.

The harbour was once gained by two bocas or mouths, the Boca Grande (the Big Mouth), quite near the town, and the Boca Chica (the Narrow Mouth), many miles farther south; but after an attack by Admiral Vernon in 1740 the Spaniards closed the Boca Grande by sinking old ships in the fairway. Round these sand has collected, thus effectively blocking the entrance. Now, therefore, only the Boca Chica is available for navigation. As we enter the harbour by this narrow strait, scarcely a pistol shot across, we pass Fort San José on the right, and on the left the once formidable but now derelict Fort San Fernando on Tierra Bomba Island. After negotiating the entrance, the steamer makes her way for some six or seven miles along a tortuous passage past the mangrove-covered shores of Tierra Bomba, and is warped alongside a wharf on the historic **Drake's Spit**. It was along this neck of land that Sir Francis Drake and his troops marched when they attacked Cartagena in 1585. At that time it was defended by a ditch and a stone wall with a single opening for the cavalry to pass through, which was protected with a barricade of wine butts standing one upon another. The road, too, was commanded by six pieces of ordnance, demiculverins and sakers, and was flanked by two great galleons with their bows towards the shore mounting eleven guns. Under cover of the dark, the Englishmen crept silently along the seashore, and on reaching the wall they formed

up with " pikes roundly together " and rushed the opening at daybreak. The butts were overthrown, and the Englishmen, favoured by having better armour and longer pikes, drove back their adversaries to the market-place and captured the town.

Visitors are recommended to take the light railway which now runs along this spit of land to the terminus just outside the massive city walls. At the far side of the open space outside the main gateway is the terminus of the Cartagena (Colombia) Railway Company Ltd., whose line runs to Calamar, a port on the Magdalena River (fare \$2.50). Cartagena itself was once called by the Indians Calamari or the land of the craw-fish, owing to the abundance of those crustaceans found there. Immediately opposite the gateway is a Plaza decorated with busts of the heroes of the revolution.

On entering the city the visitor finds himself in a town of old Spain set down in the tropics. All the houses—most of which are well and solidly built—have balconies, while the lower windows are barred in the characteristic Spanish fashion and all have their cool-looking patios. If he would avoid being importuned by small boys eager to act as his guide, the visitor is recommended to proceed immediately to **Walter's Hotel**, where he can obtain advice as to how best to fill in the time at his disposal.

A feature of interest is the quaint memorial of the centenary of the liberation of the country, which consists of a tall shaft at the base of which are numerous cannons peeping from circular orifices in the concrete base.

The **Cable Office** is in the Plaza Cristobal Colon. The **Market** in the Paseo de la Independenza is open from 4 A.M. to 5 P.M. Among the churches which can be visited are the **Cathedral** and **San Pedro Claver**. Both are in a sad state of disrepair ; but it is possible to gauge from the fabric how handsome these churches must have been.

The **House of the Inquisition** near the principal square is now the residence of a merchant who courteously permits visitors to inspect it. Cartagena was one of the headquarters of the Inquisition in the New World, the others being at Lima and in Mexico. It is said that the cruel

apparatus of torture is buried in the patio, where several tall and graceful palms now grow which it would be a pity to displace. In one room an old and worn railing is pointed out, behind which the victims are said to have stood when they received their sentence; from there they were removed to a windowless chamber beyond, where the punishment known as *auto-da-fé* was inflicted.

The following drive is recommended; To the Fortress of San Felipe, and the foot of La Popa Hill, across the bridge to Manga Island, through Calle Central and Calle Royal, across the Roman Bridge, through Calle Aguada and Calle Larga, and to the market and Independence Square.

A drive to the **Muralla de las Bovedas**, the substantially built wall beyond the city, reveals the elaborate nature of the fortifications which defended the city.

A walk to the summit of **La Popa** is an arduous undertaking, and most visitors will be content with a drive to the Fortress of San Felipe at its foot. The drive can be continued to Manga Island. At the same time it should be mentioned that the view from the summit is, to quote Humboldt, "very extensive and varied, and the windings and rents of the coast give it a peculiar character." "I was assured," he adds, "that sometimes from the window of the convent, and even in the open sea, before the Fort of Boca Chica, the snowy tops of the Sierra Nevada de Santa Marta are discernible." The writer can testify that Humboldt was well informed as far as the view of the Sierra Nevada from the open sea is concerned, for he has seen it himself, and will not easily forget the surprise which this noble range of snow mountains with their mighty glaciers caused to him and his fellow passengers on a voyage along the Spanish Main a few years ago. Horqueta, the highest peak, is 17,600 feet. Still dealing with the Popa, Humboldt in his personal Narrative of Travels writes :

A gloomy vegetation of cactus, *Jatropha gossypifolia*, croton and mimosa, covers the barren declivity of Cerro de la Popa. In herbalising in those wild spots, our guides showed us a thick bush of *Acacia cornigera*, which had become celebrated by a deplorable event. Of all the species of mimosa the acacia is that which is armed with the sharpest thorns; they are sometimes

two inches long; and being hollow, serve for the habitation of ants of an extraordinary size. A woman, annoyed by the jealousy and well-founded reproaches of her husband, conceived a project of the most barbarous vengeance. With the assistance of her lover she bound her husband with cords, and threw him, at night, into a bush of *Mimosa cornigera*. The more violently he struggled, the more the sharp woody thorns of the tree tore his skin. His cries were heard by persons who were passing, and he was found after several hours of suffering, covered with blood and dreadfully stung by the ants.

From Cartagena the mail steamers proceed to **Puerto Colombia**, taking about seven hours for the voyage. Puerto Colombia or **Savanilla**, which lies at the head of a large bay, has little to commend it to visitors. It is simply a collection of squalid huts and shanties huddled together on a sandy shore. The only feature of interest is the great steel railway pier of the Barranquilla Railway and Pier Company Limited, which is no less than 4000 feet long and can accommodate five large steamers at the same time.

Trains run along this pier to **Barranquilla**, a distance of 17 miles, at fairly frequent intervals. The expedition to this city would be well worth making if it were only to avoid the tedium of lying for any length of time off such a desolate spot as Savanilla—though for fishermen the pier has its charms; but the visitor who does not wish to be marooned should make full inquiries of the purser as to the time available, &c. The journey takes about 40 minutes. Various villages are passed *en route*; but the country is, generally speaking, flat and uninteresting.

Barranquilla is a busy city of some 70,000 inhabitants, on the left bank of the Magdalena River, from the mouth of which it is distant about 7 miles. It owes its importance to the fact that in consequence of the difficulty of navigating the delta of the Magdalena it is the northern terminus of river traffic with the interior of Colombia. It now boasts two flour mills, three weaving factories, a brewery, a cotton factory and an ice factory. In the population there is a large proportion of white inhabitants. They are descended from the old Spanish colonists, who brought the manners and customs of their country with them. Their costumes, their quaint old houses with their balconies, patios and brightly

painted window shutters, vividly recall sunny Spain. The city has a handsome cathedral, in front of which is a small but attractive garden square. In the principal thoroughfare there is a statue of Columbus; to whom Colombia owes its name. A visit should be paid to the market and the wharves on the riverside, between which and the upper reaches of the Magdalena steam-wheel steamers like those on the Mississippi ply.

One hundred and eighteen miles to the north-east of Savanilla is the prosperous little city of **Santa Marta** (population 6000). The West Indian mail steamers do not call there; but the port is frequently visited by the vessels of Messrs. Elders and Fyffes and the United Fruit Company, who own extensive banana plantations in the neighbourhood. The city stands on the shore of a small land-locked bay at the entrance to which is a high conical rock called the Morro, surmounted by some ancient fortifications and a lighthouse. This quaint old Spanish town is one of the earliest settlements on the continent of South America, and the foundations of what are claimed to be the first Christian church to be erected in the Western hemisphere are pointed out to the visitor.

Founded by Rodrigo Bastidas about the year 1520, Santa Marta was sacked by the pirate Robert Baal in 1543, and again in 1555 by the French buccaneer Pedro Brasques. In 1576 it was burned to the ground by Coropomeina, chief of the Tupes Indians of Valledupar. Sir Francis Drake captured it in 1596, and in 1629 the Dutch freebooter Pater landed and carried off the artillery of the Castle of San Juan, and the treasure of the church. In 1655 the city was again sacked by William Ganson, and finally it was looted by buccaneers, an Englishman and a Frenchman, who carried off the Bishop and landed him on the coast of Panama. Charles Kingsley refers to this incident in "Westward Ho!" in which he describes with surprising accuracy—considering that he never saw it—the beautiful bay of Santa Marta, and the exciting episode of the capture of the rich galleon "Santa Maria," and the carrying off of the Bishop by Amyas Leigh and his companions. About 4 miles from the city, on the "San Pedro

Alejandrino" estate, a marble statue has been erected to mark the spot where Simon Bolivar, the Liberator, died alone and in poverty, in 1830. The interesting Indian villages of Mamatoco and Bonda are within an easy morning's ride, and a trip can be made to one of the coffee plantations in the vicinity. This involves from 4 to 6 hours' riding on mules or hardy ponies, over more or less difficult bridle roads, but the magnificent views well repay the discomfort. An excursion can be made by the railway through the extensive banana plantations of the United Fruit Company to Rio Frio. This can be arranged at any time when there are sufficient passengers to warrant running a special train.

From Savanilla the mail steamers proceed at present direct to Trinidad. From there one of the intercolonial steamers proceeds fortnightly to La Guaira and back, calling *en route* at Pampatar, the principal port of the small Venezuelan island of **Margarita**, and Carupano. Margarita, once famed for its pearl fisheries, was granted to Marceto Villalobas by Charles V of Spain in 1524. Its merchants and sailors took a prominent part in the War of Independence, and it now belongs to Venezuela, forming with the neighbouring islets of Tortuga, Cubagua and Coche, a division of the Eastern Federal District. The area of the island, which is mountainous and almost divided into two parts by the Laguna Grande, is 400 square miles, and though the soil is fertile the only industries are fishing and salt-making. Pampatar was raided by the Dutch in 1662.

Carupano (population 9250) is situated on the coast at the opening of two valleys in the Venezuelan State of Bermudez. It is a port of shipment for cocoa, coffee, sugar, rum and timber, much of which is transhipped at Port of Spain, Trinidad.

Puerto Cabello (population 14,000), a port of entry of Venezuela, lies at the head of a great bay protected by forts on the hillside. The place affords a marked contrast to Savanilla, having ample wharf accommodation. The railway, which is connected with the wharves, runs to Valencia (2½ hours), where connection is made with the railway to Caracas. The appearance of the city from the

sea is quite picturesque, a notable feature being the oriental-looking hotel and bathing establishment, and neat little plaza with its tall palm trees. The sights of the place are not many. They include, of course, a monument to commemorate the liberation from Spain, and a theatre.

La Guaira, the chief port of Caracas, the capital of Venezuela, stands in a romantic position on a deep indentation of the coast and at the foot of precipitous mountains. The harbour, which is formed by a concrete breakwater, encloses an area of about 76 acres. The town, which was founded in 1588, was destroyed by earthquake on March 26, 1812, and was the scene of much fighting during the War of Independence.

Though Caracas, the capital of Venezuela, is only $6\frac{1}{2}$ miles south of La Guaira, the distance by rail is 23 miles. The city stands at the western extremity of an elevated valley at a height of from 2887 to 3442 feet above the sea-level.

Caracas was founded in 1567 by Diego de Losada, under the title Santiago de Leon de Caracas. Like La Guaira it was destroyed by earthquake in 1812, and it is now a handsome city with many public squares and gardens bright with tropical palms and flowers. The principal square is the Plaza de Bolivar, in the centre of which there is a bronze equestrian statue of Simon Bolivar the Liberator, who was born in Caracas. Round the square are grouped the **Cathedral** and Archbishop's Palace, the **National Library, General Post Office, &c.**

The public buildings which may be visited include the **Palacio Federal**, the **Concejo Municipal**, the **Fine Arts Academy**—which has a fair collection of pictures—the **Panteon Nacional**, and the **Museo Boliviano**. Particulars regarding the hours of opening, &c., can be obtained at the hotels. Caracas has three theatres: the **Opera House**, the **Nacional** and the **Caracas**, and there is a **Bull Ring** where bull-fighting can be witnessed on Sundays (admission from bs. 2 [1s. 7d.]).

CHAPTER XVII

THE PANAMA CANAL, COLON, AND PANAMA

"The land divided. The world united"

Motto of the Isthmian Canal Commission

GENERAL ASPECT. No visitor to the West Indies should miss the opportunity of inspecting the Panama Canal, which now links the Atlantic and the Pacific Oceans. It is a marvel of ingenuity, perseverance, and organisation.

The canal, which, when in full working order will, to quote Captain Mahan, change the Caribbean Sea "from a terminus and place of local traffic, or at the best a broken and imperfect line of travel as it is now, into one of the great highways of the world," has been constructed in what used to be the Province of Panama in the Republic of Colombia, but is now the Republic of Panama. In the centre of that Republic there is a strip of territory ten miles wide and about 436 acres in extent, which is leased in perpetuity to the United States. This is known as the Canal Zone, and over it the United States have absolute control. Included in the Zone are the islands in the Bay of Panama called Perico, Naos, Culebra, and Flamenco. Colon, the northern, and Panama, the southern or Pacific terminal of the canal, are nominally outside the Zone, but the United States is supreme in the all-important matter of sanitation, and has the right to maintain order in the event of the Republic of Panama being unable to do so.

The French contemplated making a sea-level canal; the Americans, on the other hand, decided in favour of a high-level one involving locks at either end. So the Chagres River has been dammed at Gatun and vessels will be raised

through a series of three locks, and will traverse a great lake thus formed for a distance of 24 miles until the backbone of the Isthmus is reached at Bas Obispo. Here they will pass through an immense cutting—the famous Culebra cut, and on emerging they will descend to the Pacific by three locks, one at Pedro Miguel and two at Miraflores. So many people imagine that the Canal runs east and west, that it may not be amiss to state that this is not the case. From Colon it runs due south as far as Gatun, and thence in a south-westerly direction. Not a little surprise is experienced by some visitors to Panama, when they see the sun rise from the Pacific Ocean. The total length of the Canal from deep water in the Atlantic to deep water in the Pacific is $50\frac{1}{2}$ miles, or from coast to coast 41 miles. Below is a comparison between the Panama and Suez Canals :

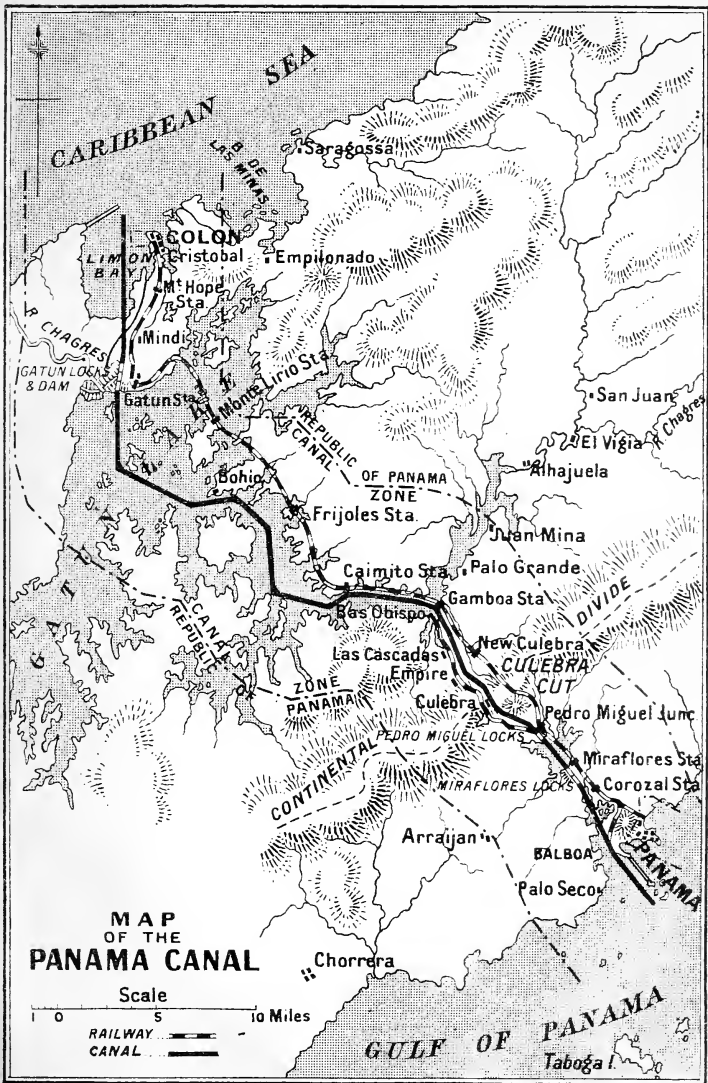
	Panama	Suez
Length (miles)	50 $\frac{1}{2}$	104
Depth (feet)	41	33*
Least bottom width (feet)	300	100†
Excavation (cubic yards)	232,000,000	80,000,000 ‡
Cost (dollars)	375,000,000 (estimate)	127,000,000 (to date)

* Being increased to 36.

† Being increased to 137.

‡ Original canal 25 feet deep.

HISTORY. It is believed that the Isthmus of Panama was first visited in 1499 by Alonso de Ojeda, who established a colony, which he called Nueva Andalucia, near Cartagena. Two years later Rodrigo Bastidas coasted along the Spanish Main as far as what is now Porto Bello, and in 1502 Columbus, coasting from Almirante Bay, founded the colony of Nombre de Dios in Porto Bello Bay. The settlement was destroyed by Indians, but re-established in 1510 by Diego de Nicuesa, Governor of the Spanish Province of Castilla del Oro, which included the countries which are now Nicaragua, Costa Rica, and Panama. In the same year Martin Fernandez de Enciso, with the survivors of Nueva Andalucia, founded the colony of Darien. After an insurrection he was succeeded in command by Vasco Nuñez de Balboa, who had accompanied Bastidas on his voyage in 1501. In 1513 Balboa crossed the Isthmus of Panama and





discovered the Pacific Ocean. He was succeeded by Pedro Arias de Avila who, in 1514, amalgamated the several colonies under the name of Tierra Firme, and five years later founded Panama City. When the wealth of the newly discovered countries on the Pacific began to be developed, the route across the Isthmus became immensely important, and much treasure was transported over the Gold Road, as it was called, on mules.

Panama was included in the Viceroyalty of New Granada, which was established in 1718, and in 1819 it became part of the independent nation of Gran Colombia, and in 1831 of that of New Granada. In 1841 the provinces of Panama and Veragua seceded and formed themselves into the State of Panama, but they rejoined later. In 1857 Panama again withdrew, but soon returned to the Granadine Confederation, which in 1861 became the Republic of Colombia. The subsequent history of the country is closely wrapped up with that of the Panama Canal.

The idea of piercing the Isthmus is not by any means one of recent birth. It was talked of even in the days of Spain's greatness, when she was anxious to find a short trade route to the East Indies, though she subsequently found that the Isthmus helped her to protect her possessions in Peru. Porto Bello and Panama were strongly fortified, and treasure was, as we have seen, carried across the Isthmus—a hazardous journey—to be shipped to Spain.

It was not until the nineteenth century, when the United States began to feel the need for communication between their eastern and western seaboard, that the question of a canal came within the region of practical politics. Some favoured a Nicaraguan Canal. The Atlantic terminal of this would have been in a country over which Great Britain had long exercised control, and in 1850 the famous Bulwer-Clayton Treaty was signed by Great Britain and the United States, which provided that neither Government should ever obtain or maintain for itself any exclusive control of any canal connecting the Atlantic and the Pacific, or erect fortifications protecting it.

The rush of gold-seekers to California in 1849 led to the construction by W. H. Aspinwall, H. Chauncey, and

J. L. Stevens of the railway across the Isthmus of Panama. Stevens secured a concession from the Government of New Granada in 1850, and five years later the first train crossed from ocean to ocean. Various canal schemes were now discussed, but it was not until the completion of the Suez Canal that they assumed definite shape. Then it was that Ferdinand de Lesseps came on the scene. He summoned a Congress in Paris in 1879, and two years later the *Compagnie Universelle du Canal Interocéanique de Panama* was floated. The railway was purchased for \$25,500,000, and work was begun in 1881 on a sea-level canal. An immense quantity of valuable machinery was sent out, and the French engineers set about their task with the wonderful skill and perseverance to which their successors have since borne testimony. Owing, however, to the magnitude of the task and to speculation and fraud, the company was unable to stand the strain, and after spending \$300,000,000 it went into liquidation in 1889. The New Panama Company was formed to take over the assets, including the railway, which they continued to work; they also proceeded with the excavation to some extent. The war with Spain in 1898 gave the United States a further object-lesson of the need for a canal, one of their vessels, the *Oregon*, having to make a perilous voyage of 13,000 miles from the Pacific to the Atlantic, where the main fleet lay. A Commission was appointed to consider what would be the best route for a canal "under the control, management, and ownership of the United States." They favoured a Nicaraguan Canal, considering that the price demanded by the New Panama Canal Company, whose works, including the railway, they valued at \$40,000,000, was excessive. Realising how futile it would be to compete against a Government canal, the New Panama Company immediately offered to sell at that price, and the purchase was duly authorised by the "Spooner" Act of 1902. By the Hay-Pauncefote Treaty of 1901, Great Britain waived the right of joint control, it being agreed that the canal should be "free and open to the vessels of commerce and of war of all nations . . . on terms of entire equality," and all that remained was for the United States to make a satisfactory arrangement with Colombia.

A treaty was then negotiated whereby the United States was to pay \$10,000,000, and an annual rent of \$100,000 after nine years for a strip of land. Colombia refused to ratify, and a few days later Panama declared her independence, which was at once recognised by the United States, and within a few months a treaty was negotiated with the new-born republic and ratified, by which the Canal Zone was leased to the United States for \$10,000,000, and an annual payment of \$250,000 after nine years. Since then work has steadily proceeded, and on October 10, 1913, the final obstruction in the canal was blown up by President Woodrow-Wilson, who, by pressing an electric button at Washington, closed a circuit of over 4000 miles of telegraph line and cable and ignited an immense charge of dynamite, which destroyed the last dam across the Culebra Cut.

HOTELS. Colon. The *Washington Hotel*, owned by the Panama Rail Road Company, is by far the best. It was opened in 1913 and has accommodation for 180 guests. Rooms from \$2 per day, from June to December, and \$3 in the season. The *Imperial Hotel* and the *Miramar Hotel* are both recommended. Board and lodging, from \$4 gold per day and upwards. **Culebra.** The Isthmian Canal Commission's hotel is open to visitors (terms as above). **Panama.** The *Tivoli Hotel* at Ancon, conducted on strictly temperance lines, is excellent (terms as above). Fair accommodation can also be obtained at the *Hotel Central* in Panama, and the *Hotel International*, near the railway station. Board and lodging from \$3. **Taboga Island.** *Hotel Aspinwall*. Board and lodging, \$3. The Y.M.C.A. is well represented throughout the Canal Zone.

MEANS OF COMMUNICATION. Colon is now visited by steamers of many lines, among them being those numbered 1, 2, 3, 5, 10, 11, 15, 18 and 21 in the list on pages 14 to 27. The Royal Mail Steam Packet Company have their own wharf at Colon. Other vessels calling there go alongside one of the wharves of the Panama Rail Road Company. Carriages are easily obtainable. The fares in Colon and Panama are 10 cents gold per journey for each person within the city limits, and 20 cents outside. The rate per hour in Colon is: For one person, 75 cents gold; for two

persons \$1 gold, and for three persons \$1.25 gold. The fare to the Gatun Dam is \$5 gold for the round trip. The fares by hour in Panama are each 25 cents more than those in Colon. The Panama Rail Road affords opportunities for reaching various points of interest on the route of the canal. The fare to Panama or back is \$2.50 gold.

The principal stations on the line and their distances are:

STATION.	Miles from Colon.	Approximate time.
Colon	—	5 mins.
Mount Hope.	1.57	15 "
Gatun	6.79	15 "
Monte Lirio	14.48	28 "
Frijoles	20.92	40 "
Caimito	26.13	49 "
Gamboa	30.26	57 "
New Culebra	35.19	1.08 hrs.
Pedro Miguel Jc.	40.23	1.20 "
Miraflores	41.74	1.26 "
Corozal	44.24	1.26 "
Panama	47.11	1.45 "

A service (2nd class) is also maintained between Pedro Miguel Junction and Bas Obispo, calling at Paraiso, Culebra, Empire and Las Cascadas. (Time, 35 minutes.)

A "shuttle" train plies at regular intervals between Third Street, Colon, and Gatun, calling at the following stations: Fifth Street, Passenger Station (Colon), Commissary (Cristobal), Shops (Cristobal), Mount Hope, Mindi, New Gatun, and Gatun. (Time, 25 minutes.)

CLUBS. The Strangers' Club at Colon welcomes visitors. At Cristobal, the American settlement, there is a Y.M.C.A. which also shows hospitality to visitors.

PRINCIPAL SIGHTS. Colon, formerly called Aspinwall after the name of one of the founders of the Panama Rail Road (*see page 429*), stands on Manzanillo Island, which is only separated from the mainland by dismal mangrove

swamps. Formerly a hot-bed of yellow fever, it has now been improved by the Americans out of all recognition; the streets have been paved, and the breeding-places of mosquitoes filled in, with the result that the place is now comparatively healthy.

As the steamer approaches the shore, the great breakwater which extends from Toro Point and protects the Atlantic entrance to the Panama Canal is seen on the right. This breakwater is 11,700 feet long and cost \$5,500,000; 2,840,000 cubic feet of rock were used in its construction.

The large and substantial **Washington Hotel** (bear to the left and beyond the gardens on leaving the wharf), indicates the confidence of the Americans that the town will be largely patronised when the Panama Canal is in full working order. In front of the entrance in Bolivar Street stands the monument to the pioneers of the Panama Rail Road. It consists of an ornate column with medallions on a triangular base bearing sculptured portraits of Aspinwall, Chauncey, and Stevens.

Turning to the right on leaving the wharf one comes to Front Street, a row of two-storied wooden houses, shops, and numerous American bars of the most elaborate description. After nightfall they are brilliantly lighted and resound with the music of many orchestras. This street leads to the substantial **Railway station** of the Panama Rail Road. The **Cable Office** is also in Front Street.

Away to the right again is the American suburb of **Cristobal**, which is within the Canal Zone and consequently far more dignified and orderly than its cosmopolitan neighbour. The sea-wall is fringed with graceful coco-nut palms; behind them are rows of mosquito-proof houses, screened with copper gauze and looking like glorified meat safes, in which the "gold employees" on the canal reside. The employees, it should be explained, are divided into two classes, "gold employees" and "silver employees." The former are the officials, clerks, and skilled white men who are paid in United States currency, whilst the latter are the labourers who receive their pay in the silver Panamanian currency.

Passing along the sea-wall one reaches the house once occupied by Ferdinand de Lesseps. This, too, is now mosquito-proof. It is used as the offices of the Isthmian Canal Commission, whose cypher, I.C.C., becomes so familiar when one crosses the Isthmus. The statue of Columbus protecting an Indian maiden (to be moved to a new site) was the gift of the Empress Eugénie. From the sea-wall, many new wharves jut out into the sea and those of the railroad are near-by.

For the rest only the elaborate cold-storage plant, the electric laundry, and the wireless station—each in its way a triumph of American ingenuity—remain to be seen.

The Panama Canal. Part of the programme of the Isthmian Canal Commission has been to do all that they can for the comfort and convenience of visitors. Special trains are provided for them on the railroad and special sightseeing vessels on the Gatun Lake. As, however, the time-table is subject to considerable variation from time to time the tourist should enquire at the railway station or Commission's offices, where he can obtain information as to the arrangements in force.

The construction of the Panama Canal involved the relocation of the greater part of the Panama railroad, and the new line, which cost \$8,866,392.02, is 47.11 miles long, or 739 feet longer than the old. The old line is still used from Colon to Mindi (4.17 miles) and from Corozal to Panama; but the remainder is all new. Shortly after leaving Colon, Mount Hope is passed on the left. Here in the days of the French régime, when it was called Monkey Hill, many thousands of victims of yellow fever and disease were buried. From Mindi to Gatun the line runs parallel with the Canal. **Gatun** (6.79 miles) is reached in fifteen minutes. Here is situated the great dam which holds back the Chagres River, forming an immense lake 164 square miles in extent, or approximately the size of the Lake of Geneva. To reach this lake, steamers will pass through a series of three locks which will lift them to a height of 85 feet. Some idea of the colossal size of these locks may be realised when it is said that they are each 1000 ft. long by 110 ft. wide, while their gates are steel structures 7 ft. thick,

65 ft. long, from 47 to 82 ft. high, and weighing from 390 to 730 tons each. Ships will not pass through the locks under their own power, but will be towed by powerful electric locomotives running on tracks along the lock walls. To avoid risks of vessels running amok and ramming the lock gates, fender chains are placed on the up-stream side of the guard gates, besides intermediate and safety gates. These chains are lowered into grooves in the lock floor to enable vessels to pass, and are then raised again by machinery. Special emergency dams of an elaborate nature are also provided. The entire lock machinery is operated by electricity generated by the overflow from the Gatun Lake. The operation of opening the lock gates, filling and emptying the lock chambers (each containing from $3\frac{1}{2}$ to 5 million cubic feet of water), and raising and lowering the fender chains, weighing 24,098 lbs., can be controlled by one man at each group of locks.

The **Gatun Dam**, which unites the hills on either side of the lower end of the Chagres valley, is nearly $1\frac{1}{2}$ miles long and $\frac{1}{2}$ mile wide at the base, 400 feet wide at the water surface and 100 feet wide at the top. It is formed of a mixture of sand and clay dredged by hydraulic process and placed between two large masses of rock, &c., obtained by steam-shovel excavation at various points along the canal. In all about 21,000,000 cubic yards of material were used in its construction. In the centre of the Dam is the **Spillway**, a concrete-lined channel nearly 1200 feet long and 285 feet wide, which carries off the surplus waters of the lake and regulates its depth. To the north of this spillway is the electric generating station which provides the Canal Zone with light and power.

At Gatun the line leaves the Canal and turns east along Gatun Ridge, and then south again, crossing the Gatun valley by several embankments and a steel girder bridge with a movable span, to **Monte Lirio** (14.48 miles), after which it skirts the east shore of the Gatun Lake past Frijoles (20.92 miles) and Caimito (26.13 miles) to the Culebra Cut, which begins at Bas Obispo.

The great **Culebra Cut** is the most striking feature of the entire canal. It is no fewer than 9 miles long, and the total

excavation which it involved was over 230,000,000 cubic yards, of which 20,419,720 were removed by the French.

This great cutting, affectionately known to the Canal employees as the "Big Ditch," is the wonder of the Canal. So immense is it, that during the construction period, one had, from above, to gaze at it for some minutes before the thousands of workers, the dirt trains and the steam shovels could be distinguished. To quote Mr. John Foster Fraser :

The Culebra Cut is within the range of the comprehension of the ordinary person. To delve through hills for nine miles ; cut a channel with an average depth of 120 feet, with a minimum width of 300 feet ; to slice through the continental divide, Gold Hill and Contractors' Hill separating the watersheds toward the Pacific and Atlantic ; remove a clear depth of 375 feet of hill ; haul away about 100 million cubic yards of rock and earth—nearly half the total excavations in the Canal construction—have the work constantly checked by thousands of tons of the hill-sides sliding into the Canal, bringing into the Cut streams which had been diverted, and threatening to flood the workers out ; there is something dramatic, majestic and occasionally terrible in it all.

Leaving the Canal again at Bas Obispo, the line cuts through a ridge of solid rock behind Gold Hill, and eventually runs down the Pedro Miguel Valley to Paraiso. Here is the **Pedro Miguel** (popularly known as "Peter McGill") lock, similar in construction to those at Gatun, which will lower vessels $30\frac{1}{2}$ feet to the Miraflores Lake. This lake is formed by dams connecting the walls of the **Miraflores Locks** with the high ground on either side. The dam to the west is of earth, and is about 2700 feet long, with a crest 15 feet above the level of the lake, while that to the east is formed of concrete (about 75,000 cubic yards) and is about 500 feet long. The Miraflores locks, two in number (and both duplicated), will lower vessels $54\frac{2}{3}$ feet to the level of the Pacific. The dam which kept the waters of the Pacific from these locks during the construction period was successfully blown up by dynamite in the presence of a large crowd of spectators on August 31, 1913. About 37,000 lbs. of 45 and 60 per cent. dynamite were used, the charge being placed in 541 holes at an average depth of 30 feet. Said the *Canal Record* :

At the time of the explosion the water in the channel, south of the barrier, was nearly at low tide. The dynamite tore a gap in the dyke about 100 feet wide, but as the bottom of the gap was still at some height above the existing tide level, no water passed through. An 18-ft. tide was predicted for Sunday, with its maximum at 3.12 P.M., so that before high tide water was expected to flow over the gap in the dyke. This expectation was fulfilled a little earlier than was anticipated, for at 1.35 P.M. the water in the sea-level channel was nearly even with the top of the gap. At this moment a man with a shovel made a small trench across the dyke through which a small stream of water began to flow. This rapidly increased in size until forty minutes later an opening 30 feet wide had been made, through which a torrent of water poured in a 30 or 35-ft. fall. The rush of water ate away the sides of the opening steadily, carrying large sections of the dyke, including trestle bents and other débris, into the pit. The increasing volume of water filled the pit rapidly, and at 3 o'clock, one hour and twenty-five minutes after the water first began to flow over, the level in the inside channel was that of the outside channel, while the gap had been widened to 400 feet or more.

From Paraiso the railway runs practically parallel to the canal to the terminals at Panama and Balboa.

Panama (population about 45,000), the capital of the Republic of Panama, was built during the governorship of Fernandez de Cordova after the destruction of the earlier city of the same name, which stood four miles to the west and was destroyed by Henry Morgan, the buccaneer, in 1671. It stands on a rocky peninsula at the foot of the Ancon Hill (560 feet), which is recognised by geologists as being the cone of an extinct volcano. Since Panama gained her freedom from Colombia, the city has undergone many notable improvements, and the \$10,000,000 paid by the United States for the lease of the Canal Zone has enabled the Government to erect several handsome buildings which give the city a very different appearance to that which it latterly presented under the old regime. The United States, who have control on sanitary matters, paved the streets and provided the city with a modern system of sanitation and water supply which is now maintained by and at the expense of the local Government.

The houses, which are built of stone and roofed with red tiles, rarely exceed two or three storeys in height, and

the balconies with which they are provided emphasise the narrowness of the streets, which are remarkably picturesque. Opposite the railway station is the American suburb of Ancon, straggling round Ancon Hill, on which stands the immense mosquito-screened Tivoli Hotel, and other buildings similarly protected. It is here that the hospital established by the French in De Lesseps' time is situated, amid avenues of cabbage palms and grassy lawns a feature of which is the abundance of a species of sensitive plant.

The main thoroughfare of Panama is the **Avenida Central**, which, starting in a curve, leads to the Plaza de la Independencia, as the old Cathedral Plaza is now called, and to the Malecon, or sea wall, beyond. A stroll down this street reveals the cosmopolitan nature of the city. The retail trade is seen to be largely in the hands of Chinamen. Tempted by the improved condition of affairs in the country, celestials began to arrive in such numbers that it was deemed necessary to impose a head tax of \$250 on those arriving since 1904. This the newcomers pay willingly for the privilege of residing and carrying on trade in Panama. Here the West meets the East, and Spaniards, Italians, Frenchmen, and, indeed, representatives of every European country, and negroes, rub shoulders with Indians and Chinese.

The Avenida Central is now traversed by electric cars, which take one in a few minutes to the **Cathedral**. The chief features of its weather-worn fabric are the two twin towers, the domes of which are encased in mother-of-pearl, said to have been brought across the Isthmus from the pearl fisheries of Margarita. The Cathedral was built at the expense of a negro who was the son of a poor charcoal burner and rose to the position of Bishop of Panama. The building took eighty-eight years to complete.

Other churches worthy of inspection are those of **San Felipe Neri**, which has an arch dated 1688, and stands near the Plaza Bolivar; **San Francisco**, in that Plaza, completed in 1740; **San José**, and **Santa Ana**, which has a handsome altar service of hammered silver. A visit should also be paid to the historic "flat arch" of **Santo Domingo**, a church which was destroyed by fire in 1737.

Only part of the walls and the arch now remain. This church was built by the Dominican Monks, who experienced great difficulty in designing and building a suitable support for the organ loft. Arch after arch was built ; but each one collapsed. Then one of the monks happened to have a dream in which a perfect arch was revealed to him. On awakening next morning, he at once made a plan of this arch, which was duly constructed by the worthy monks. When the supports were about to be withdrawn, the monk, with folded arms, stood below the arch to show his confidence in its stability, and from that day to this it has remained in position, and has braved earthquakes, fire, and the scepticism of architects. This story recalls the courage of Sir Christopher Wren, who, yielding to the importunities of the Town Councillors of Windsor, added extra columns to their Town Hall at Windsor, which he had designed. They declared that otherwise the floor would collapse ; so Wren erected the columns. But he purposely made them too short, and to this day the floor stands as he made it, and there is a space between it and the columns.

Facing the Cathedral are several public buildings, and the **Episcopal Palace** and old **Government Palace**. Among the new buildings one of the most noteworthy in the neighbourhood is the handsome **Palacio Municipal** or City Hall.

At the lower end of the Avenida is a substantial group of **Government Buildings**, at the back of which is the handsome **Teatro Nacional**. This is certainly one of the finest buildings of the kind in this part of the world.

The **Malecon** or sea wall is a popular and fashionable promenade. To the west of it is another Malecon—that of **Las Bovedas**, under which are the old prisons. The view from these sea walls of the Pacific—which, strange as it may seem to some expectant tourists, does not differ in appearance from the Atlantic—is very attractive. The islands in the bay are those of Naos, Flamenco and Culebra, which have now been fortified by the United States, and Perico and the larger island of Taboga, which can be visited. These islands are believed to have been the outlets of the prehistoric volcano whose principal cone was Ancon Hill.

Those interested in educational matters should not fail to inspect the **Instituto Nacional**, Panama's University, which was opened in 1911. It occupies a palatial group of buildings at the foot of Ancon Hill.

Among the excursions which can be made from Panama is the drive to **Old Panama**, which can be reached by motor-car (enquiries should be made at the hotel) by a fair driving road in about half an hour. In recent years the local Government have cleared the ruins to some extent, and the tower of the church and other remains can be seen without discomfort. The city was founded in 1519 by Pedro Arias de Avila, and was granted a charter two years later. Being the entrepôt of the trade with Peru, it soon became very wealthy. Here the treasure was transferred to mule-back, to be carried across the Isthmus to Cruces, whence it was conveyed to the fortified port of Chagres by boat or to Porto Bello by the high road. The town was frequently attacked by pirates and buccaneers, and in 1519 it was sacked and completely destroyed by Henry Morgan.

Morgan, after capturing the castle of Chagres, marched across the Isthmus with a force of 1200 men. After nine days of intense suffering through want of food, they sighted the Pacific Ocean and the object of their walk. Then, to quote Esquemeling :

A little while after they came the first time within sight of the highest steeple of Panama. This steeple they no sooner had discovered than they began to show signs of extreme joy, casting up their hats into the air, leaping for mirth, and shouting, even just as if they had already obtained the victory and entire accomplishment of their designs. All their trumpets were sounded and every drum beaten, in token of this universal acclamation and huge alacrity of their minds.

Fifty Spanish horsemen soon came out of the city "preceded by a trumpet that sounded marvellously well," and threatened the buccaneers, saying "*Perrros! nos veremos*" (Ye dogs, we shall meet thee), and immediately afterwards the city opened fire. On the following day the Governor of Panama extended in battle array his forces, which consisted of "two squadrons, four regiments of foot, and a huge number of wild bulls, which were driven by a great number of Indians with some negroes and others

to help them." Fortunately the wild bulls were scared by the noise and did little harm. At the end of two hours, most of the Spanish horsemen were killed and the remainder fled. The Spanish losses comprised no fewer than six hundred dead besides wounded and prisoners. After resting awhile, the buccaneers marched courageously towards the city, which the Spaniards stubbornly defended with their "great guns, at several quarters thereof, some of which were charged with small pieces of iron, and others with musket-bullets," and after three hours combat they were compelled to deliver up the city, which was set on fire and destroyed. The city had at this period eight monasteries, two stately churches, and a hospital. "The churches and monasteries were all richly adorned with altar-pieces and paintings, huge quantity (*sic*) of gold and silver, with other precious things." The houses, which were built of cedar, numbered 2000. The fire lasted for four weeks, but before it was extinguished the pirates decamped.

If time permits, a visit may be made to the wharves at **Balboa**, the Pacific entrance to the Panama Canal, which lies behind Ancon Hill, two miles to the west of Panama. Formerly known as La Boca, the place was renamed in honour of Vasco Nuñez de Balboa, the discoverer of the Pacific. Here have been constructed dry docks, repair shops, &c., for vessels using the canal.

CHAPTER XVIII

SOME WEST INDIAN INDUSTRIES

Sugar : Rum : Cocoa : Bananas : Cotton : Rubber :
Balata

THE SUGAR INDUSTRY. In spite of many vicissitudes, sugar is still the leading industry of the British West Indies, though, if British Guiana be excluded, it is run very close by cocoa. The sugar-cane, which was well known to the ancients in the East, was first introduced into the West Indies by the Spaniards, who were made acquainted with it through the Moors. As far back as 1578 there were no fewer than twenty-eight sugar works in operation in Cuba, and the cultivation of the sugar-cane spread rapidly to the other islands as soon as they were settled.

The Abolition of Slavery. The first of the serious troubles which the industry had to face was the abolition of the slave trade in 1807, which was followed by that of slavery in 1834. The value of the estates and slaves was then estimated at £219,000,000; and though compensation to the extent of £16,640,000 was granted to slave owners, this sum proved quite inadequate to make good the loss suffered. Slavery continued in Cuba and other foreign possessions for many years later, but a prohibitive tariff was imposed in the United Kingdom against slave-grown sugar, and thus for a time planters were enabled to strengthen their position. In 1846, however, the differential duty was lowered; and a few years later, the sugar duties being equalised, slave-grown sugar was admitted into the United Kingdom on the same terms as free-grown sugar, with results which were disastrous to our planters.

The Sugar Bounties. No sooner was slavery abolished

in Cuba in 1886, than another serious trouble had to be faced. The beetroot sugar industry on the Continent, encouraged by Napoleon Buonaparte, was increasing by rapid strides under a pernicious system of bounties which enabled the foreigner to undersell the British producer in our own markets. These bounties varied from about £1 to nearly £5 per ton, and exercised a blighting effect on the West Indian sugar industry, many planters being unable, in consequence of them, to raise the necessary capital to permit them to keep pace with the times and improve their appliances. In 1897-98 these bounties were supplemented by cartel bounties in Germany and Austria, which drove the price of sugar in Great Britain far below the cost of production. Owing to the existence of protective tariffs, cartels or trusts, which consisted of sugar producers and manufacturers, were able to charge the home consumer such a high price for his sugar that they were able to export or "dump" the balance of their output at a loss and yet realise a substantial profit from the transaction as a whole.

The Brussels Convention. For over a quarter of a century an active campaign was carried on against bounties. They were condemned by statesmen of every shade of political opinion, but no British Ministry had the courage to stamp them out by imposing a countervailing duty on bounty-fed sugar entering our markets, or by prohibiting it. Several international conferences were held, but each one proved abortive until 1902. On March 5 in that year, at a conference at Brussels, a Convention was signed by the principal sugar-producing States, and subsequently ratified by them, by which they agreed to abolish bounties from September 1, 1903, and to render the existence of cartels impossible by limiting the difference between the customs duties and excise duties. A penal clause in this Convention provided that the High Contracting States should impose a countervailing duty on, or prohibit the importation into their territories of, sugars from countries which granted bounties either on production or export. Equality of opportunity in British markets was thus once more restored, and as a result considerable developments took place in the West Indian sugar industry. It was

agreed that the Convention should remain in force for five years and thenceforward from year to year, but the right was reserved to each of the Contracting States of withdrawing on notifying such intention twelve months before the expiration of the Convention.

It was generally believed that in view of pre-election pledges the Liberal Government which came into power in 1906 would denounce the agreement, and on June 6, 1907, Sir Edward Grey announced that he had intimated to the Contracting States that prohibition or the imposition of countervailing duties was inconsistent with the declared policy of the British Government, and that they could not therefore continue to give effect to the provisions requiring them to penalise bounty-fed sugar. He added that they had no desire to give sugar bounties or to see the revival of such bounties, and should the governments of the Contracting States consider that these views could only be met by the complete withdrawal of Great Britain from the Convention they would be prepared to give the necessary notice on the first possible date. He intimated, however, that if the other Contracting States preferred to exempt the United Kingdom by Supplementary Protocol from the obligation to enforce the penal provisions of the Convention, this would render it unnecessary to give notice of withdrawal.

Thenceforward the attention of the sugar-producing world was concentrated upon Brussels, where the Permanent International Sugar Commission, established under the Convention, sat to consider this proposition. Inasmuch as Russia was the only bounty-giving Power of any consequence outside the Convention, it became apparent from the first that the solution of the difficulty would lie in the adhesion of Russia, and in the direction of securing this the negotiations proceeded. Before the close of the year it was announced that Russia had agreed to adhere to the Convention, subject to the understanding that she might maintain her fiscal and customs system, but should not increase the advantage to the producers in the maximum price fixed for sale on the home market. She engaged, moreover, not to export more than one million tons of sugar during the six years 1907-1913. An Additional Act to the

Convention releasing Great Britain from the obligations under the penal clause, and a Protocol dealing with the adhesion of Russia, were signed by all the Contracting States and a menace to our colonies was thus averted.

In 1911 there occurred a rise in price of sugar owing to a shortage of 1,700,000 tons in the beet crop in Europe, and on November 21 Sir Edward Grey intimated that unless Russia were allowed to export at least 500,000 tons of sugar (bounty fed) westward during the season then current, His Majesty's Government would withdraw from the Convention in September 1913. The International Sugar Commission met at Brussels, and after negotiations a Protocol was signed on March 17, 1912, by all the High Contracting States with the exception of Great Britain, providing for the prolongation of the Convention to 1918, subject to Russia being permitted to export 250,000 tons more sugar between 1911-12 and 1913-14. Under this Protocol, which was subsequently ratified, the High Contracting States undertook not to exercise the right granted to them by the Convention of 1902 of denouncing that agreement by giving notice before September 1, 1913.

On August 1, 1912, Mr. Sydney Buxton announced in the House of Commons that the Government had decided to withdraw from the Sugar Convention as from September 1, 1913. This announcement gave rise to a good deal of misapprehension until the West India Committee pointed out that in view of the decision of the principal Powers to continue the Convention themselves, the only results of the Government's action would be that (1) Great Britain would lose her right to be represented on the International Sugar Commission at Brussels, and that (2) she would regain the right, which was taken from her by the final Protocol of the Convention of 1902, to grant a preference in the United Kingdom to British colonial sugar as against sugar from the contracting States.

Reciprocity with Canada. By the Dominion Tariff Act of 1897, which came into force on August 1 of the following year, a preference of 25 per cent. was given to raw sugar from the British West Indies and to certain other British produce entering Canada. From July 1, 1900, this was

increased to $33\frac{1}{3}$ per cent. and extended to refined sugar of British growth and manufacture, and on April 1, 1907, by the Tariff Act of the preceding year, changes were made which had the effect of raising the preference to $37\frac{1}{2}$ per cent. Until the bounties were abolished West Indian sugar found a better market in the United States, whose Government imposed a countervailing duty on bounty-fed sugar, but after the abolition of bounties and consequent upon the United States giving a preference to Cuban sugar and becoming more and more self-supporting in regard to sugar supplies, West Indian sugar began to go to Canada in increasing quantities. The value of the preference was, however, reduced by the permission given to the refiners in 1907, of importing at the British preferential rates for a certain period two tons of beet sugar for every ton of Canadian beet which they refined, and the further privilege given them in 1909 of importing foreign sugar to the extent of 20 per cent. of their requirements at British preferential rates, it being alleged that West Indian producers were combining to raise prices to the refiners. Since 1904 British-produced molasses entering Canada has been duty free.

In 1909 a Royal Commission was appointed to inquire into the question of closer trade between Canada and the West Indies, and as the outcome of its report a conference between representatives of each of the West Indian colonies (Bermuda, the Bahamas, British Honduras, Jamaica, and Grenada excepted) and the Dominion of Canada met in Ottawa, on March 29, 1912, under the chairmanship of the Hon. (now Sir) George E. Foster, Minister of Trade and Commerce of the Dominion, and on April 9 an agreement was signed, providing for the establishment of a reciprocal trade arrangement between the British West Indies and Canada for a period of ten years. The basis of this arrangement is a mutual preference of 20 per cent. on the chief products of the countries concerned, with a minimum preference on flour in favour of Canada of 12 cents per 100 lb., and the following preference on sugar in favour of the West Indies: on raw sugar not above No. 16 Dutch standard in colour, and molasses setting over

56 degrees and not over 75 degrees by the polariscope, not at any time less than $4\frac{1}{2}$ cents per 100 lb., and for each additional degree over 75 degrees not less than $\frac{1}{2}$ cent per 100 lb. By the terms of the agreement it was further provided that the privilege given to the Canadian sugar refiners of importing 20 per cent. of their requirements from foreign sources on the terms of the British preferential tariff should be repealed, and that of importing on preferential terms an equal quantity of sugar to that produced by Canadian beetroot should not be renewed when it expired in 1914. Grenada joined the agreement in 1913.

West Indian Sugar Crops. The annual output of sugar from British Guiana is 100,000 tons, and from the British West India islands it is approximately as follows: Trinidad, 35,000 tons; Barbados, 40,000 tons; Jamaica, 16,000 tons; Antigua, 14,000 tons; St. Kitts, 10,000 tons; St. Lucia, 8,000 tons; and from Martinique, 40,000 tons; Guadeloupe, 39,000 tons; St. Croix, 12,000, and Haiti and Santo Domingo, 4,800 tons; while Cuba produces 2,500,000 tons, and Porto Rico 300,000 tons per annum.

Sugar Manufacture. There are two principal forms of sugar manufacture in the West Indies—the antiquated muscovado process, which yields the old-fashioned brown sugars of childhood's days; and the vacuum-pan process, which turns out the familiar yellow "Demerara crystals," or else grey sugar for refining purposes. As every tourist will doubtless visit one or more sugar factories during his stay in the West Indies, the following brief outline of these two methods of manufacture may be of interest. To begin with, the sugar-canes are grown from cuttings of the mature canes. These take from twelve to eighteen months to reach maturity. They are then cut down by field labourers with cutlasses, trimmed, and conveyed to the mill, which consists, in the case of the small muscovado factories, of three rollers, the power being supplied either by windmill, the old-fashioned beam-engine, or a horizontal steam-engine. The dirty, greenish-coloured juice which is then expressed is heated up to the desired temperature, and passes into a tank called a clarifier, where it is mixed with a certain amount of lime. By this means the impurities

are separated from it. The clarified juice then flows down to the "copper wall," which consists of a series of three or more large open copper tanks, called "tayches," in which the process of evaporating the liquor takes place, the juice being boiled in these tayches, by a fire which is kindled under them and kept going with the megass or crushed cane, which is dried in the sun and used as fuel. The juice is ladled by dippers from the first tayche to the second, and so on to the third, in which the process of evaporation is generally concluded, though in some cases an extra pan heated by steam, known as the Aspinall pan, is used for completing the process. When the juice reaches a sufficient density it is ladled out and poured into large square boxes called coolers, in which it is allowed to crystallise. As soon as it becomes sufficiently solid it is dug out and put into large wooden casks called hogsheads, with perforated bottoms, which are placed on "rangers" or rafters, on the floor of what is known as the stanchion-room. Here it is left for two or three weeks and allowed to drain, the uncrystallised sugar or molasses running out through holes guarded with plantain stalks into the tank below. After this period the cask is headed up, and the sugar is then ready for shipment. There are many different qualities of this muscovado sugar, the best being the lighter kinds, while the sugar from the bottom of the casks commands a lower price, and is termed "foots."

The vacuum-pan process of sugar manufacture, which can be seen in British Guiana, Jamaica, Trinidad, Antigua, St. Kitts, St. Lucia, and Barbados, is altogether more elaborate. Without entering too closely into technical details which might confuse the reader, its main characteristics may be described as follows: As soon as the canes are cut they are conveyed to the factory, in punts in British Guiana, where the conditions of the front lands closely resemble those of the Netherlands, and by light railways or carts in the islands. They are then weighed, lifted out by machinery, and placed on the cane-carrier, an endless belt which conveys them direct to the mill. Here they are crushed by means of a succession of rollers, in some cases there being as many as four sets, which form

with crushers a fourteen-roller mill. The megass or crushed cane is removed on another carrier direct to the furnaces for which it is used as fuel, the furnaces being specially made to burn green megass, thus obviating the necessity of drying it in the sun. The juice is then pumped up into clarifying tanks, in which it is treated in the same manner as is described above. The pure liquor is next drawn through pipes into the triple effect, an apparatus for economical evaporation consisting of a series of three closed vessels, in which the juice is boiled to concentrate or thicken it. The object of the triple is to save steam, and consequently fuel. By producing successively lower boiling-points in the several vessels through reducing the air pressure in them, the vapour from the juice in the first when heated by steam is made to boil the juice in the second, and that from the second the juice in the third, to which a vacuum pump is attached. The syrup, as the juice is now called, is then transferred to the vacuum pan, in which it is boiled at a low temperature until granulation sets in, this process being watched through a small glass window, and the progress of crystallisation being tested by a "proof stick," which is inserted into the pan through valves and withdraws a sample of the liquor. The vacuum pan is then "struck" or tapped at the bottom, the contents, now called "massecuite," being transferred to the centrifugals, large drums with perforated or mesh sides, which are made to revolve some 1200 times to the minute. The result of this operation is that the molasses is driven out of the drums by centrifugal force, leaving the sugar behind, which is mixed to secure uniformity of grade and colour, packed in bags, and is then ready for shipment. The molasses, which is not such a valuable commodity as muscovado molasses, is then reboiled, and made into inferior grades of sugar, called second and third sugars, or, if prices favour it, is used to make rum in the manner described below or a cattle-food known as Molascuit. This commodity, patented by Mr. George Hughes, consists of the interior or cellulose fibre of the sugar-cane finely screened and then blended with cane molasses. In most parts of the West Indies rum is a secondary product to sugar, but on some estates in Jamaica

the sugar-canes are grown principally for the purpose of making that spirit.

THE RUM INDUSTRY. The term rum is said to be derived from "Saccharum." In the old days before it received its present designation it was styled "Kill-devil." About the middle of the seventeenth century it was first called "Rumbullion," an old Devonshire term for uproar or rumpus. An old West Indian work says, "The chiefe fudling they make in the island is Rumbullion, alias, kill-devil, and this is made of sugar-canes distilled, a hott, hellish, and terrible liquor." The method of manufacture is roughly as follows. Molasses, skimmings, &c., are mixed with water, sulphuric acid, and in British Guiana ammonia also, and this "wash," as it is then called, is allowed to stand in large wooden vats, in which it ferments. In British Guiana this process requires about two days, and in Jamaica a week and upwards. When the fermentation ceases and the wash has settled, it is transferred to the "still," a copper vessel preferably heated by fire underneath. The spirit is boiled off from the wash, and after being rectified in a vessel containing vertical tubes surrounded with water, is condensed in a spiral tube cooled with running water. In some cases a "Coffey" still is used. This is a vertical still consisting of two columns of considerable height, with an internal arrangement of alternate shelves. The wash is introduced at the top of the first, and drops from shelf to shelf until it reaches the bottom, meeting on its way down a current of steam, while the vapour from it passes to the bottom of the second column, where it is rectified by the cold wash passing through it in tubes, and condensed in the upper part. The process is continuous, and the separation is so complete that the hot spirit constantly passes off to the cooler from near the top of the second, while the waste liquor runs off at the bottom of the first. As it comes from the still the spirit is colourless, but prior to shipment it is coloured to meet the market requirements with burnt sugar or molasses. The finest rum in the world is produced in Jamaica. Its dietetic value, especially when mixed with milk, is so well known that it needs no special encomium in these pages. The average annual export of

rum from Jamaica is 1,300,000 gallons; from the other West Indian islands, 200,000 gallons; and from British Guiana, 2,500,000 gallons.

THE COCOA INDUSTRY. The Spaniards were not only responsible for introducing sugar into the West Indies, but also cocoa, or cacao to give the product its strictly correct name. The original home of this plant was probably in South America, and cacao is even now found in its wild state on the banks of the upper Amazon and in the interior of Ecuador. The Spaniards left behind them well-established cacao plantations—or cacao walks, as they were then called—in Jamaica, and the cultivation of the plant spread rapidly to the other islands. At the present time the cacao industry has reached such dimensions in Trinidad that it is more important in that island than sugar, while in Grenada it has ousted sugar almost entirely, only sufficient of the latter commodity being now grown there to meet local requirements. In Jamaica, St. Lucia, and Tobago its cultivation is extending very rapidly. The average annual exports of cacao from the West Indies are now approximately as follows: Trinidad 26,000 tons, Santo Domingo 21,000 tons, Grenada 6,000 tons, Haiti 3,500 tons, Jamaica 3,500 tons, Cuba 1,600 tons, St. Lucia 1,000 tons, and Dominica 600 tons.

The cacao plant (called by Linnæus *Theobroma*, the food of the gods) is an evergreen which grows to the height of 15 to 30 feet, with bright-pointed leaves from 8 to 20 inches long. The flowers and fruit, which it bears at all seasons of the year, grow off the trunk and the thickest part of the branches with stalks only an inch in length. The fruit is a large five-celled pod from 7 to 9½ inches in length and 3 to 4 in breadth, the colour varying from bright yellow to red and purple. Cacao plants in suitable positions begin to bear fruit in about the third or fourth year after they are planted; but to strengthen the tree the flowers are cut off for the first few years, and as a general rule a cacao plantation does not begin to bear to any appreciable extent until its fifth year, the yield increasing gradually until its twelfth year. On some estates there are trees a hundred years old still producing, though on a reduced scale, the finest cacao. The principal crop begins in October and November, and

continues till the end of April, while there is a smaller crop in June. The ripe pods are gathered with cutlasses and piled in heaps. These pods, which contain about $1\frac{1}{4}$ oz. of dried beans, are then broken and the beans are collected in baskets and removed to the "sweating" house, where the pulp which surrounds them is removed by the process of sweating or fermentation. The beans are packed closely together in boxes and covered with plantain leaves, and left for four days or a week, being, however, occasionally "turned over" during that time. Fermentation takes place, and the beans are then spread out on large flat trays called "barbecues" or "boucans." On these trays they are "danced," that is to say, the black labourers dance or trample on them in order to remove the dry pulp, and the beans are then dried in the sun. The boucans have sliding roofs, which are closed over them when, as is often the case in the middle of the day, the sun is too powerful, or when it comes on to rain. In some cases artificial drying apparatus is used. When the cacao is quite dry or "cured," it is shipped in bags, each bag containing roughly $1\frac{1}{2}$ cwt.

THE BANANA INDUSTRY. The only British West Indian colonies from which bananas are now exported on a commercial scale are Jamaica, Trinidad, and Barbados. In Jamaica the industry has assumed enormous proportions, no fewer than 20,000,000 bunches being exported every year. The bulk of them go to the United States, and the development of the trade has been almost entirely due to American enterprise and capital. Many years ago the late Captain Baker, commander of a schooner trading between Jamaica and America, was in the habit of taking back to his native town a few bunches of bananas. He found that they stood the journey so well, and were so much appreciated by his friends, that he decided to extend a business in this direction; and from such small beginnings has arisen the United Fruit Company, with its large fleet of steamers, one or more of which sail from Jamaica nearly every day to American ports with a full complement of bananas.

The industry received an impetus in 1900, when the Imperial Direct West India Mail Service Company was formed and granted a subsidy of £40,000 per annum for

ten years to buy and carry 20,000 bunches of bananas every week from Jamaica to the United Kingdom. At first grave doubts were expressed as to whether it would be possible to bring the fruit successfully and in good condition to Avonmouth, Bristol, the terminal port, but with their characteristic enterprise Messrs. Elder, Dempster and Co., the owners of the line above referred to, overcame all difficulties, and installed Messrs. J. and E. Hall's cool-air system in each of their ships, with the result that the quantity of fruit lost on each voyage was infinitesimal. An increasing demand for Jamaica bananas in the mother country has developed with surprising rapidity, and a company known as Messrs. Elders and Fyffes now have no fewer than thirteen vessels bringing fruit to England from Jamaica and Central and South America as fast as it can be carried.

The Jamaica banana, which is the variety known as the *Gros Michel*, is cut when it is about three-quarters full, and consequently tourists must not expect to see the fruit growing on the trees in Jamaica of the familiar yellow colour, but quite green. In the United States the Jamaica banana is preferred to the smaller dwarf banana, commonly known as the Canary banana (*Musa Cavendishii*), which is grown in Barbados, though the latter is, perhaps, more popular in England, the reason probably being that the British public have become accustomed to the fruit from the Canary Islands, which had been imported for many years before the Jamaica variety was introduced. The two kinds of bananas were existing in the West Indies when Père Labat visited the islands in 1696. The larger species was known as the "bananier" and the small as the "figuier." He tasted both, but preferred the latter, which he described as "amie de la poitrine." Unlike the Jamaica variety, which grows to a height of 20 feet, the Barbados banana-tree does not exceed 10 or 12 feet. From Trinidad the principal kind of banana exported is the red or claret banana, which is every year becoming better known in this country. Bananas require great heat, moisture, and a rich soil, with good drainage and high tillage. The cost of planting an acre in this fruit on land which, without high cultiva-

tion, would have otherwise produced nothing, has been given by Mr. William Cradwick as follows :

	£	s.	d.	
Forking first time	3	0	0	per acre
Suckers		14	0	„
Draining	5	0	0	„
Forking second time	2	0	0	„
Weeding twice	1	0	0	„
	£11 14 0			

The banana-tree, it may be explained, is cultivated from suckers which spring from the root when the tree is cut down and the fruit gathered. The tree, which only carries one bunch, takes about twelve months to reach the stage at which the fruit is fit to be gathered for markets across the sea. The bunches before they are shipped are checked as to size, a full-sized or "straight" bunch having at least nine hands, or groups of from fifteen to twenty "fingers" each, on it, and these of course fetch the highest price. Bunches of bananas, when mature, weigh 40 to 60 lb. each, and it is surprising to see how easily the black women pick them up and carry them on board ship on their heads, though it must be admitted that after earning a living wage the labourers appear to find their task irksome and require a considerable amount of encouragement.

THE COTTON INDUSTRY. About a century ago the West Indies were the chief source of Great Britain's cotton supply ; but cultivation extended rapidly in America, and prices fell to such a low level that the West Indian planters found it more profitable to turn their attention to sugar and other crops, and Carriacou, a dependency of Grenada, was the only island which continued to produce it. In 1901 a serious shortage in the American cotton crop was followed by wild speculation, and prices rose very rapidly. There was a serious cotton famine in Lancashire, and the British Cotton Growing Association was formed in Manchester to promote the growth of cotton in British dominions and consequently to render Great Britain less dependent on foreign countries for its cotton supply. To the credit of the West Indian planters be it said, they very readily experimented with cotton seed imported from the United

States, and, with the help of the Imperial Department of Agriculture, the cotton industry has been successfully re-established in Barbados, St. Vincent, Antigua, St. Kitts, Nevis, and Montserrat, to the soil and climate of which the Sea Island variety—a native of the first-mentioned island; as its name, *Gossypium barbadense*, implies—seems to be particularly well adapted. This cotton differs from the upland cotton, which forms the bulk of the crop produced in America, in that it has a longer fibre or staple and is used for a different purpose, such as making Brussels lace, chiffon, and other delicate fabrics, as well as fine gloves, handkerchiefs, and sewing-cotton. Moreover, it commands a much higher price, namely, 12*d.* to 40*d.* per lb., as compared with 5*d.* to 6*d.* for ordinary cotton.

While it is not possible that the West Indian cotton industry can prove the salvation of Lancashire, which must depend on a steady supply of cheaper cotton, the West Indies should at least be able to supply as much Sea Island cotton—for which the demand is somewhat limited—as may be required. It is hoped that some day a cheaper variety may be found suitable for British Guiana, and that some of the undeveloped 99,000 square miles of the “Magnificent Province” may help to supply the raw material for the Lancashire looms. It is estimated that in 1913 there were 15,500 acres under cotton cultivation in the West Indies, the quantity of lint exported being approximately 6000 bales annually. There is still, however, room for a considerable extension of production.

Cotton is planted in August and September, just before the rains, in order that dry weather may be obtained during the period in which the crop is picked. It is best planted 20 inches apart, in rows which are 5 feet apart, four seeds being planted in each hole, 6 lb. of seed per acre being thus used. As soon as the plants are a fortnight old, the weakest ones are pulled out, leaving the two strongest in each hole, and a fortnight later the weaker of the two remaining plants is removed. This is the critical period, as heavy rains or high winds may damage, if not ruin, the crop. The picking is conducted by men, women, and children, and expert labourers are able to pick about 100 lb. of seed-cotton per

day. They hold the boll firmly with the left hand and remove the seed-cotton with the right, the price usually paid for this operation being $\frac{1}{4}d.$ to $\frac{1}{2}d.$ per lb. gathered. The cotton is then sunned until it is thoroughly dry, any that is stained and immature bolls being removed, and any cotton which has fallen to the ground and got mixed with earth or sand is "whipped," a process which consists in striking handfuls of seed-cotton with a whipping motion on wire netting. The seed-cotton is then conveyed to the ginnery.

The first ginnery to be erected since the reintroduction of the cotton industry was established in St. Lucia in 1901, and now there are ginneries in each of the principal cotton-growing islands. The ginning factories usually contain three storeys. On entering the factory the cotton is weighed and hoisted to the top floor or cotton loft. In this the cotton is temporarily stored and spread out to dry; it is then passed to the gins in the second storey by means of shoots passing through the floor, directly over the gins. The labourers at work in the loft, filling the shoots, have also to pick out any motes or discoloured cotton that may have escaped the pickers and assorters. As soon as the gins are started, the feeders take the cotton from the shoots through a small hinged door, which can easily be shut in case of fire. On the seed-cotton being fed to the gins, the lint is separated from the seed. The former passes over a leather roller and drops on to an endless conveyor, while the seed falls through the grids on to an inclined plane, and passes through the floor to the lowest storey. While the lint is on the conveyor, any motes or other impurities are watched for and picked out. From the conveyor the lint is taken to the baling-room, where it is baled under pressure. It is then ready for shipment. In the lowest room the seed is stored for planting the next season's crop, for feeding the animals, or for making manure.

THE RUBBER AND BALATA INDUSTRIES. The rubber industry is still in its infancy in the British West Indies, which suffered in company with other parts of the world from the attentions of the unscrupulous company promoter during the rubber boom of 1910. Much steady development work has, however, been proceeding, and the

visitor can now inspect thriving rubber plantations in Trinidad and Tobago, Dominica, St. Lucia, Grenada, and British Guiana. In the last named colony a flourishing balata industry exists. Balata is a gutta-percha-like substance which is tapped from a forest tree known as the Bullet tree or *Mimusops globosa*. It is used for insulating purposes, and also in the manufacture of belting and boots and shoes. Expeditions start periodically to the interior to collect the substance. The tapping of balata trees is done with the cutlass, incisions being made not more than $1\frac{1}{2}$ inches wide, about 10 inches apart, in a "feather-stitch" pattern up the trunks of the trees. The latex runs in zig-zags from cut to cut into a calabash at the base of the tree. The latex is collected from the calabashes into gourds (goobees) and then it is taken to the camp, where it is poured into shallow trays (dabrees) that hold from 5 to 30 gallons. The latex coagulates in these trays and the balata is taken off in sheets, dried and despatched to town for transshipment. The labourers are paid by results according to the amount of balata collected.

CHAPTER XIX

CONCLUDING REMARKS

Agriculture and Commerce : News and the Press : The
Homeward Voyage

VISITORS who decide to settle or to take up land in the West Indies have the advantage of being able to obtain advice from the official Agricultural Departments which exist in British Guiana and all the islands of consequence. There is unfortunately a lack of uniformity and cohesion about these organisations. Thus the active operations of the Imperial Department of Agriculture, founded in 1898 as the outcome of the recommendations of the Royal Commission of the preceding year, are at present confined to the Windward and Leeward Islands. British Guiana has its own Board of Agriculture, Barbados and Jamaica Departments of Agriculture, Trinidad its Board of Agriculture and Agricultural Society, and Grenada its Agricultural Board, which works in close co-operation with the Imperial Department of Agriculture. Each colony has besides the above-named organisations, agricultural and commercial bodies which are always glad to afford information to prospective settlers and to visitors and capitalists desirous of becoming acquainted with its agricultural and industrial prospects.

In addition, each colony has a Permanent Exhibition Committee, as the outcome of a suggestion made by the writer subsequent to the Colonial Exhibition of 1905. These Committees make arrangements for the representation of the colonies at various exhibitions in different parts of the world. In dealing with the agricultural and commercial bodies, mention must be made of the West India Committee (15 Seething Lane, London, E.C.), which is the doyen of

such institutions, having been founded early in the eighteenth century. The West India Committee, which was granted a Charter of Incorporation by his late Majesty King Edward VII on August 4, 1904, has correspondents in British Guiana, British Honduras, and in each of the islands. Its objects are by united action to promote the interest of the industries and trade, and thus increase the general welfare of the British West Indies, British Guiana, and British Honduras. There are also West India Associations in Liverpool (3 Cook Street) and Glasgow (134 Wellington Street).

Among other West Indian institutions must be mentioned the West Indian Club, established in 1898, with premises at 4 Whitehall Court, and the West Indian Produce Association (14 Creechurch Lane, London, E.C.), where every kind of West Indian produce can be obtained. It should interest American visitors to know that the last named organisation, which enjoys Royal patronage, is incorporated with Davison, Newman and Co., a firm established as far back as 1650, which according to tradition supplied some of the tea for the "Boston Tea Party."

Visitors to the British West Indies and British Guiana, and most other places mentioned in these pages, are kept informed as to events in the outside world by the cabled bulletins of general news which are issued every evening by the cable companies. In the larger colonies these are published in the daily papers, and they also appear in such newspapers as are available in the smaller islands.

The Imperial Department of Agriculture, of which the headquarters are at Bridgetown, Barbados, issues the *Agricultural News*, a fortnightly journal devoted to agriculture, and a quarterly Bulletin. The Botanical Departments of Jamaica and Trinidad also issue agricultural and scientific Bulletins periodically, and for those interested in West Indian affairs generally there is the fortnightly *West India Committee Circular*, the official organ of the West India Committee.

The patient reader of this Pocket Guide having now been taken through the Bermudas, British Guiana and British Honduras, and the West Indian islands, and introduced to their industries, nothing remains to be

added except, perhaps, a few words regarding the homeward voyage. Though "Home," as the West Indian always calls the Mother Country, whether he has visited it or not, has its magic attraction for creole, colonist, and tourist alike, the return voyage, which might be expected to be fraught with more enjoyment than the outward, is not to be compared with it for conviviality. The spirits of those on board the homeward steamer fall with the thermometer, the result being that, as the ship nears port, dances, sports, and kindred amusements are less freely resorted to. In an earlier chapter a note of warning was sounded as to the necessity of keeping in reserve an adequate supply of warm clothing and wraps for the homeward journey, and this it is very desirable to reiterate. When he is in the West Indies, the tales of their climate in the old days lose their terror for the tourist. The case is altered, and it is upon the dear old mother country that he begins to look with suspicion, a suspicion which is fostered by the reports of influenza and sickness which reach him during his travels. Let him then wrap up well, and remember that what he could do in the tropics he cannot do coming up the Channel in the teeth of a north-easterly gale. The tourist will doubtless bring back with him many souvenirs of places visited, such as lace-bark d'oyleys, stuffed flying-fish, sugar-canes, pottery, bitter cups (made of quassia wood, which instantly renders water put in them as bitter as can be) from Barbados; cleverly stuffed alligators, Indians' bead aprons and brilliantly plumed head-dresses from British Guiana; lace-bark whips, walking-sticks, pottery, and a hundred and one fairings from Jamaica; delicately woven Arima baskets and fans, Indian coolie jewellery, balata models and calabashes from Trinidad; liquorice seed purses and bags from Antigua; stuffed "crapauds" or frogs and sawyer beetles from Dominica; and possibly a bottled Fer-de-lance snake from St. Lucia, to mention only a few of the articles more commonly purchased. But he will not require the help of these to remind him of his visit to the exquisitely beautiful Islands of the West, the impression of which will never fade from his memory.

INDEX

- ABACO, 74, 76
 Abbot's Bay, 65
 Abercromby, Sir Ralph, 215, 232,
 250, 266, 281, 402
Abergavenny, H.M.S., 177
Aboukir, H.M.S., 182
 Accompong, 197
 Ackawois Indians, 42
 Acklin Island, 74
 Adam Island, 246
 Agar's Island, 66
 Agatash, 127
 Aguacate, 395
 Agualta Vale, 176
 Aibonito, 403
 Aix-la-Chapelle, Treaty of, 43, 240,
 266, 281, 339
 Akyma, 143
Alarm, the, 215
 Albany, 166
 Albemarle, Duke of, 78
 Albemarle, Lord, 382, 386
 Albert of Wales, Prince, 228
 Albert Victor, Prince, 62, 232, 234,
 258
 Alleyne, the late Hon. F. M., 112
 Alligator Pond, 167
 All Souls, Oxford, 108
 Allspice, or pimento, 158
 Almond Walk, the, 223
 Amatuk, 146
 Amazon, The, 128
 Amerigo Vespucci, 128
 Ames, Place des, 223
 Amiens, Peace of, 130, 215, 240, 266,
 Amity Hall, 201
 Amsterdam, New, 141
 Anchovy, 165
 Ancon, 438
 Andros Island, 74, 75, 76
 Anegada, 351, 352
 Angostura Bitters, 212
 Anguilla, **331-332**
 Animal Flower Cave, the, 123
 Anne, Princess, 315
 Annotto Bay, 191
Anopheles Mosquito, 6
 Anstey, Rev. A. H., 107
 Antiglia, 1
 Antigua, **294-308**
 Climate, 295
 Clubs, 299
 Communication, Means of, 299
 Constitution, 297
 Financial Position, 295
 General Aspect, 294
 History, 296
 Hotels, 298
 Industries of, 295
 Parishes of, 294
 Principal Sights, 299
 Sports, 299
 Antilla, 1
 Antilla, Cuba, 385, 398
 Antilles, 1
 Antoine Lake, 260
 Apodaca, Admiral, 215
 Apostles battery, 168
 Appleton, 165
 Aquarium, Bermuda, 65
 Arakaka, 144
 Arawaks, 42, 195, 368
 Arecibo River, 400
 Arecunas, 42
 Argyle Estate, 292
 Argyle River, 278
 Arima, 212, 219, 234
 Arms of Jamaica, 189
 Arno's Vale, 292
 Arouca, 219

- Arrete, 391
 "Arrow" of Sugar Canes, 140
 Arrowroot Mill, 284
 Artemisia, 396
 Aruba, 378
 Asphalt Co., the New Trinidad Lake,
 234
 Aspinall pan, the, 448
 Aspinwall, W. H., 429, 433
 "Assiento," the, 43
 Assistant, H.M. Brig, 285
 Atares, 387
 Atherton, Gertrude, 329
 Atkinson, George, 302
 Atlantis, 32
 Aulabou River, 281
 Austin, Bishop, 138, 139
 "Ave Maria," *see* Cuba
 Ayscue, Sir G., 90
 Azores, the, **31-33**
- BAAL, ROBERT, 424
Bacchante, the, 62, 232, 234, 258
 Bacolet I, 246
 Bacon, sculptor, 187, 189, 196
 Bahamas, the, **74-85**
 Climate, 77
 Clubs, 80
 Communication, Means of, 79
 Constitution, 78
 Financial Position, 76
 General Aspect, 74
 History, 77
 Hotels, 79
 Industries, 75
 Sights, 80
 Sports, 80
 Baijer, Bastien, 302
 Baijer, Otto, 302
 Bailey's Bay, 69
 Baily, E. H., 170
 Bains Jaunes, 359
 Baker, Captain, 452
 "Bakers" Masonic Lodge, 301
 Balaclava, Jamaica, 162, 164, 165
 Balata industry, 127, 456
 Balata, La, 360
 Balboa, 441
 Balboa, V. N. de, 416, 428, 441
 Baleine, Falls of, 292
 "Ballast Ground," the, 254
 Balliceaux, 279
 Banana industry, 452
 Bande de l'Est, 236
 "Bang, Aaron," 174, 371
- Banks:
 Colonial Bank, 11, 222
 Nova Scotia, 11, 171
 Royal Bank of Canada, 11, 12,
 222
 Banks, Sir Joseph, 285
 Bannister, Major-Gen. James, 189
 Barabara, the, 274
 Barbados, **86-124**
 Climate, 88
 Clubs, 95
 Colleges and Schools, 101
 Communication, Means of, 92
 Constitution, 91
 Financial Position, 88
 General Aspect of, 86
 Government House, 101
 History of, 89
 Hotels, 91
 Industries, 87
 Parishes, 87
 Principal Sights, 95
 Railway, 93
 Sports, 94
 Barbados Mutual Bldg., 96
 Barbecues, 452
 Barbuda, 294, **308-311**
 Bar de l'isle, 273
Barfleur, the, 349
 Barima River, 144
 Barlovento, Islas de, 1
 Barouallie, 283, 291, 293
 Barranquilla, 423
 Barrett, Lucas, 180
 Barrington, Admiral, 273
 Barrington Brown, 144
 Barrington Fort, 336
 Barrow, Lieut. Charles M., 307
 Bartica, 127, 144
 Basle, Treaty of, 411
 Bas Obispo, 428, 435
 Basse Terre, Guadeloupe, 356, 358
 Basseterre Roads, 315, 318
 Basseterre, St. Kitts, 312, 317
 Bassin, 374
 Bassinville, 337, 348
 Bastidas, Rodrigo, 424, 428
 Bastien, Dr., 195
 Batabano, 385, 399
 Bath House, Nevis, 326, 327
 Bath of St. Thomas, 162, 200
 Bathsheba, 109
 Bath Station, Barbados, 107
 Battowia, 279
 Bay leaf, the, 368

- Bayly, Zachary, 180
 Baynes, Edward, 334
 Bay Town, 255
 Beckett, Peter, 284
 Beckford, Peter, 189
 Beckwith, Lieut.-Gen. Sir G., 97,
 98
 Beckwith Place, 96
 Beeston, Sir William, 169, 180
 Belair, 293
 Belize, 153
 Bellamar Caves, 395
 Belle Vue, 307
 Bell of Port Royal, the, 76
 Bell, Sir H. Hesketh, 290, 348
 Belvidere Estate, Grenada, 247
 Benab, the, in Barbados, 110
 Benbow, Admiral, 173, 180
 Bendal's Stream, 294, 296
 Benders, 372
 Ben Lomond, 154
 Bennett, George, 180
 Bently, Adjutant, 231
 Bequia, 279
 Berbice, Colony of, 129
 Berbice River, the, 126
 Berkeley, Memorial, 317
 Berkshire Hill, 288
 "Bermoothes," the, 55, 59
 Bermudas, **55-73**
 Climate, 58
 Communication, Means of, 60
 Constitution, 59
 Financial Position, 57
 General Aspect, 55
 History, 58
 Hotels, 60
 Industries, 56
 Island Steam Service, 61
 Parishes, 56
 Principal Sights, 62
 Sports, 61
 Bermudez, 58
 Bernard, Rev. T. C., 302
 Berry Islands, the, 74
 Beverages, 8
 Bieques Island, *see* Vieques
 Big River Falls, 243
 Biminis, the, 74
 Bindley, Archdeacon T. H., 107
 Bird Island, 246
 Bishop, Hon. W., 99
 Bitter wood, 158
 Blackbeard's Castle, 370, 371
 Blackbeard's Well, 81
 Black River, 157, 162, 164, 167
 Black Rocks, 322
 Black's Point, 306
 Black Virgin, the, 232
 Blake, James, 193
 Blake, Sir Henry, 161
 Blanchisseuse, 220
 Bligh, Captain William, 285
 Blome, Richard, 120, 312, 317, 328
 Blomfield, Sir A., 138
 Blue Basin, the, 228
 Bluebeard's Castle, 370, 371
 Blue Hills, 202
 Blue Hole 70, 191
 Blue Mountain Peak, Jamaica, 184
 Blue Mountains, Jamaica, the, 168
 Blue Mountain, St. Croix, 374
 Boaz Island, 56, 63, 66
 Boca Chica, 420
 Boca del Sierpe, 211, 214
 Boca Grande, 420
 Bocas del Dragone, 211
 Boddin, Capt. S. E., 209
 Boddentown, 207, 209
 Body Ponds, The, 296
 Boers in Bermuda, 67
 Bogue Islands, the, 197
 Bog Walk, 166, 190
 Boiling Lake, the, 347
Bois Immortel, the, 232
 Bolivar Plaza, 426
 Bolivar, Simon, 416, 426
 Bonaire, 378
 Bonaparte, 411, 443
 Bonda, 425
 Bonne Espérance, 372
 Booby Island, 312
 Books on West Indies, 49-54
 Boqueron, 398
 Borde, Mr. Hippolite, 223
Boreas, the 305, 329, 350
 Borinquen, 401
 Botanical Gardens:
 British Guiana, 139
 Dominica, 345
 Grenada, 256
 Guadeloupe, 358
 St. Kitts, 319
 St. Lucia, 269
 St. Vincent, 226, 284, 285
 Tobago, 243
 Trinidad, 226
 Virgin Islands, 355
 Botanical Station, Tobago, 243
 Botanic Station, Grenada, 256

- Bottom, 377
 Boucans, 452
 Bounties, Sugar, 442
Bounty, the, 285
 Bowerbank, Dr., 175
 "Bovianders," 143
 Bovoni, 372
 Bowmanston Waterworks, 105
 Boyce, Sir Rubert, 212
 Boyer, General, 411
 Brasso Caparo, 219
 Brea, La, 218, 234
 "Brea," Tierra de, 214
 Breda, Peace of, 314
Breda, the, 173
 Brettes, Mr. Charles de, 276
 Brickdam, 141
 Bridges, Sir Tobias, 240
 Bridgetown, Barbados, 96
 Brigands' War, 249, 281
 Briggs, Sir Graham, 123
 Briggs, Thomas, 177
 Brighton Estate, St. Kitts, 313, 322
 Brighton Pier, Trinidad, 234, 235
 Brighton, Trinidad, 234
 Brimstone Hill, 319
 Brisbane, Sir Charles, 284
Bristol, the, 174
 British Cotton Growing Assn., 454
 British Guiana, **125-148**
 Climate, 128
 Clubs, 135
 Communication, Means of, 131
 Constitution, 130
 Financial Position, 127
 General Aspect, 125
 History, 128
 Hotels, 130
 Industries, 126
 Principal Sight, 135
 Sports, 135
 British Honduras, **148-155**
 Climate, 150
 Communication, Means of, 151
 Constitution, 151
 Financial Position, 149
 General Aspect, 148
 History, 150
 Hotels, 151
 Industries, 149
 Principal Sight, 153
 Sports, 152
 Broadway, Trinidad, 223
 Brodbelt, Dr., 189
 Broke, Capt. P. V., 67
 Broken Ridge, 149
 Broome, Sir Napier, 216
 Bromley, Sir Robert, Bart., 316
 Brothers Road, 219
 Browne, G. G., 260
 Browne, Hon. C. M., 260
 Browne, James, 260
 Brown's, St. Thomas, 372
 Brown's Town, 162, 192
 Bruce, Morne, 345
 Bruce, Robert George, 350
 Bruce, Sir Charles, 250, 255
 Brunswick Square, 223
 Brussels Convention, the, 443
 Bryan Castle, 192
 Buccament Valley, 293
 Buccaneers, 78, 160, 236, 410, 416,
 424
 Buccoo Reef, 243
 Buckingham, Marchioness of, 183
 "Bucks," 143
 Buena Vista, 394
 Buff Bay, 166, 184
 Buff River, 184
 Bulkeley Estate, 94
 Bull Bay, 200
 Bull, John, 176
 Bull Ring, 426
 Burnaby's Laws, 151
 Bush, the, British Guiana, 142
 Bushy Park, 165
 Buxton, 132, 141
 Byera River, 281

 CABAÑAS, 387
 Cabbage Palms, 7, 108, 140, 317
 Cabildo, the, 215
 Cable Companies, 39
 Cable Office, Barbados, 97
 Cartagena, 421
 Castries, 237
 Fort de France, 362
 Kingston, 170
 Cabrits, the, 337
 Cacao, *see* Cocoa
 Cagigar, Capt.-Gen., 391
 Caicos Island, *see* Turk and Caicos
 Caimanera, 398
 Calamar, 421
 Caldecott, Rev. A., 107
 California, Trinidad, 219
 Caliviny Island, 246
 Calliaqua, 287, 292
Calliope, H. M. S., 365
 Camacho, Hon. J. J., 303

- Camagüey, 385, 397
 Camaria Falls, 144
 Camber, the, Bermuda, 66
 Cambridge, Jamaica, 165, 195
 Camelford, Lord, 305
 Camelo, Ferdinando, 58, 73
 Cameron, His Honour E. J., 206,
 267, 282, 354
 Campbell, Brig.-Gen., 260
 Campbell, Sir John, 284
 Campo Marte, 390
Canada, H.M.S., 307
 Canada, Reciprocity with, 445
 Canal Zone, the Panama, 427, 431
 Canaries Mountain, the, 262
 Cane Farmers, 233
 Cane Garden Point, 279
 Canigou, 275
 Canimar River, 396
 "Canisters," 28
 Canje Creek, 141
 Canouan, 279
 Caparo, 219
 Capedevilla, 393
 Capoey Lake, 142
 Caracas, 415, 426
 Caracas, L. de, 426
 Carapichaima, 219
 Carbet, Pitons of, 360
 Carcel, Havana, 392
 Cárdenas, 385, 396
 Carenage, Grand, Carriacou, 261
 Carenage, Grenada, the, 254
 Carenage, Grenada, Plan of, 253
 Carenage, St. Lucia, 269
 Carenage Town, Grenada, 255
 Carenage, Trinidad, 228
 Carib Canal, the, 278
 Country, 278, 281
 Settlement, Dominica, 350
 Stones, 293
 Caribs, 239, 248, 265, 279, 280, 289,
 291, 308, 314, 340, 368
 Black, 280
 Massacre of, 260
 Yellow, 280
 Carlisle Bay, 34
 Carlisle's Estate, 303
 Carlisle, the Earl of, 89, 265, 280,
 296, 325, 339
 Carmichael Smith, Sir J., 83
 Carnegie, Mr. Andrew, 137, 283, 343
 Carolina, 404
 Caroni, 219
 Caroni River, 212
 Carriacou, 246, 252, 261
 Carrick, the Earl of, 150
 Carrington, Barbados, 94
 Carrington, Dr. John W., 276
 Cartabu, 144
 Cartagena, 415, 416, **419-423**
 Carter, Lady, 99
 Carter, Sir Gilbert, 79, 91
 Carupano, 425
 Cascadura Fish, 6
 Cassada Garden, 299, 308
 Cassareep, 8
 Casselberry, Dr., 80
 Castle Grotto, 70
 Castañon, G., 392
 Castellani, C., 59
 Castilla de Oro, 416, 428
 Castillo de Jagua, 396
 Castleton Cottages, 162, 184
 Castleton Gardens, 183
 Castries, St. Lucia, 262, 269
 Castries, Marshal de, 269
 Catadupa, 165
 Cathcart's tomb, Lord, 350
 Catherine Fort, Bermuda, 62
 Catherine Hall, 197
 Catherine's Peak, 184, 185
 Cat Island, 74
 Causeway, the, 70
 Cavalries, 287
 Cave Earth, 75
 Cave, Mr. C. J. P., 123
 Cayey, 407
 Cayman Islands, **206-209**
 Climate, 208
 Communication, Means of, 209
 Constitution, 208
 Financial Position, 207
 General Aspect, 206
 History, 208
 Industries, 207
 Principal Sights, 209
 Cayo Carenas, 396
 Cedar Avenue, Bermuda, 65
 Cedros, 218
 Ceiba Mocha, 395
Centaur, H.M.S., 277
 Centrifugals, 450
 Cerro de Aripo, 212
 Cervera, Admiral, 383, 386, 397
 Chacachacare, 211, 218, 236
 Chacon, Don Josef M., 215, 232
 Chagres, 440
 Chagres River, 427
 Chaguanas, 219

Chaguaramas Bay, 215, 236
 Chalky Mount, 109
Challenger, H.M.S., Voyage of, 55
 Chamberlain, M.P., Rt. Hon. J., 318
 Champion, Major, 284
 Chances Mountain, 335
 Chantrey, 224
 Chapeau Carré, 246
 Charaibes, *see* Caribs
 Charles Fort, Jamaica, 182
 Charles I, King, 89, 239, 265
 Charles II, King, 183, 300
 Charles V, 425
 Charles Square, 197
 Charlestown, 326
 Charlotte Amalia, 367, 370
 Charlotte Fort, 82, 85
 Charlotte Town, 249, 259
 Charlotteville, 241
 Chase Vault, the, 112
 Chateaubelair, 291, 292
 Chatoyer, 281
 Chauncey, H., 429, 433
 Cheere, John, 180
 Cheere, Sir Henry, 108, 180
 Cherry Tree Hill, 123
Chesapeake and Shannon, 67
 Cicle, 149
 Chinese Immigration, 45
 Chinese Quarter, Georgetown, 140
 Choiseul, Duc de, 275
 Choiseul, St. Lucia, 268, 275
 Christ Church, Barbados, 99, 112
 Christian V, 370
 Christiansted, 374
 Churches :
 All Saints, Barbados, 122
 All Saints, Barbice, 141
 Calabar, Kingston, 175
 Cathedral, Antigua, 301
 Cathedral, Barbados, 99, 112
 Cathedral, Bermuda, 64
 Cathedral, B. Guiana, 138
 Cathedral, Cartagena, 421
 Cathedral, Catholic, Dominica, 345
 Cathedral, Havana, 394
 Cathedral, Panama, 438
 Cathedral, Santo Domingo, 414
 Cathedral, Spanish Town, Jamaica, 188
 Christ Church, Barbados, 100, 112
 Coke Chapel, 175
 Fig Tree, Nevis, 329

Churches—*continued*
 Greyfriars Presbyterian, Trinidad, 224
 Holy Trinity Cathedral, Trinidad, 224
 Holy Trinity, St. Lucia, 270
 La Merced, Camagüey, 397
 La Merced, Havana, 394
 La Soledad, 397
 Middle Island, St. Kitts, 323
 Parish Church, Falmouth, 193
 Parish Church, Kingston, 172
 Parish Church, Sav.-la-Mar, 195
 R. Catholic Cathedral, B. Guiana, 139
 R. Catholic Cathedral, Martinique, 362
 R. Catholic Cathedral, Roseau, 344
 R. Catholic, St. Lucia, 270
 R. Catholic Cathedral, Trinidad, 222
 St. Andrew, Halfway Tree, 179
 St. Andrew's, B. Guiana, 139
 St. Anne's, St. Kitts, 322
 St. Anthony's, Montserrat, 335
 St. George's, Antigua, 307
 St. George's, Barbados, 118
 St. George's, B. Guiana, 138
 St. George's, Dominica, 344
 St. George's, Grenada, 256
 St. George's, Kingstown, 175, 283
 St. George's, Roseau, 344
 St. George's, St. Kitts, 319
 St. George's, St. Vincent, 283
 St. James', Barbados, 121
 St. James', Montego Bay, 195
 St. John's, Barbados, 104
 St. Mary's, Barbados, 97
 St. Mary's, Montserrat, 335
 St. Michael's, Jamaica, 175
 St. Patrick, Montserrat, 335
 St. Paul's, Antigua, 307
 St. Paul's, Nevis, 326
 St. Peter's, Bermuda, 73
 St. Peter's, Jamaica, 183
 St. Thomas', Nevis, 330
 St. Thomas', St. Kitts, 323
 San Felipe Neri, Panama, 438
 San José, Panama, 438
 San Pedro Claver, Cartagena, 421
 Santa Ana, Panama, 438
 Santa Catalina, Havana, 394
 Santo Domingo, Havana, 394
 Santo Domingo, Panama, 438

- Churches—*continued*
 Scotch Kirk, Kingston, 175
 Synagogue, Kingston, 175
 Wesley, Kingston, 178
 Churchill, J. S., 316, 334
 Cibao, Santo Domingo, 414
 Cienfuegos, 385, 396
 Cinchona, 185
 Circus, the, 317
 City Commissioners' Offices, Trinidad, 224
 Ciudad Bolivar, 221
 Clarence Cove, 65
 Clarence, Duke of, 305
 Clarence Hill, 65
 Clarence House, 305, 307
 Clarendon Park, 165
 Clarke, Mr. C. P., 101
 Clarke, Sir Robert B., 112
 Clarke, Sir Simon, 200
 Claxton Bay, 219
 Clifton, New Providence, 83
 Climate (*see* under different places)
 Climate of West Indies, 4
 Cobblers, the, 111
 Cobre, Cuba, 398
 Cobre, Rio, 157, 185
 Cocal, the, 235
 Coche, 425
 Cochrane, Sir Alexander, 375
 Cockburn Harbour, 205
 Cockburn, Sir F., 83
 Cockburn, Sir J., 65
 Cockpit Country, 197, 198
 Cockpit River, 194
 Cocktails, Recipe for, 9
 Cocoa Industry, 451
 Cocorico, 242
 Cocorite, 228
 Codrington, Christopher, 106
 Codrington College, 106
 Codrington Estate, 106
 Codrington Family, 308
 Codrington Village, 310
 Coffee, Blue Mountain, 158
 "Coffey" rum still, 450
 Coffin, Edward, 230
 Coffin Mystery, Barbados, 112-117
 Cohune Ridges, 149
 Colbeck Castle, 194
 Colbeck, Colonel John, 189
 Coleridge, Bishop, 107, 141
 Cole's Cave, 119, 120
 Cole, Tennyson, 175
 College Estate, Barbados, 106
 College, Jamaica, The, 183
 Collet, W., 151
 Colleton, Sir Peter, 104
 Collings, Mr. Jesse, 169
 Collins, Rev. William, 173
 Colombia, Republic of, 429
 Colomer, Mr. Joaquim, 232
 Colon, 427, 432-434
 Colon Breakwater, 419
 Colon Cemetery, Cuba, 392
 Colon Park, Cuba, 390
 Colonial Hospital, St. Vincent, 284
 Colonial Hospital, Trinidad, 228
 Columbus, 77, 128, 150, 156, 159, 208, 214, 223, 248, 265, 270, 280, 296, 314, 325, 333, 339, 357, 368, 374, 382, 391, 401, 410, 413, 424
 bones of, 391, 394, 414
 Diego, 160, 382
 Square, St. Lucia, 270
 Square, Trinidad, 222
 Statues of, 83, 223, 424, 434
 Comao, 402
 Combermere, Lord, 113
 Comins, Surgeon-Major, D.W.D., 45
 Commerce Bight, 154
 Committee, The West India, 107, 169, 285, 341, 458
 Commonwealth and Antigua, 297
 and Barbados, 90
 Compagnie du Canal de Panama, 430
 Conceijo Municipal, 426
 Concepcion, 248
 Conchs, 7, 203
 Conference, Brussels, 443
 Conference Island, 246
 Congress, Canal, Paris, 430
 Conil, Mont, 360
 Conquerabia, 222
 Consett's Estate, 106
 Constanza Valley, 414
 Content Gap, 185
 Contract System, Cocoa, 238
 Convention, Brussels, 443
 Cookman, Mr. N. G., 354
 Cooper's Island, 56
 "Copey," 396
 Copper Wall, the, 448
 Corentyn River, the, 126
 Corinth, Trinidad, 219
 Cork, P. C., 267
 Coropomeina, 424
 Corvo, 33

- Cottage, Kingsley's, 226
 Cottley, C. T., 99
 Cotton Factory, Antigua, 303
 Cotton Factory, Barbados, 100
 Cotton Ginnery, St. Vincent, 286
 Cotton Industry, 454
 Cotton Tower, Barbados, 104
 Country Club, Havana, 394
 Courland, James, Duke of, 237, 240
 Courlanders, 240
 Courteen, Sir William, 89, 121
 "Court House" Masonic Lodge, 301
 Court House, St. Kitts, 318
 Couva, 219
 Couva River, 212
 Cove, Don Christopher's, 192
 Cowell's Battery, 372
 Cox, Hon. Charles T., 316
 Cracroft, Commodore Peter, 180
 Cradwick, Mr. William, 454
 Craig, Mr. Cunningham, 87, 237
 Crane, the, 110
 Crapaud, the, 8
 Craskell, 185
 "Crawls," Turtle, 207
 "Creole," the term, 46
 Cricket, *see* Sports
 "Cringle's Log, Tom," 174, 183, 185, 371
 Cristobal, 433
 Cristophe, 411, 413
 Crittenden, Col., 387
 Cromwell, Oliver, 45, 160, 190
 Crooked Island, 74
 Crooked Island Passage, 74
 Croquet, *see* Sports
 Cross, the Southern, 4
 Cruces, 440
 Cuba, **380-399**
 Climate, 382
 Communication, Means of, 384
 Constitution, 383
 Financial Position, 381
 General Aspect, 380
 History, 382
 Hotels, 383
 Industries of, 381
 Principal Sights, 385
 Provinces, 381
 Cubagua, 425
 Cul de Sac Bay, 266, 274
 Cul de Sac River, 262
 Cul de Sac Valley, 273, 274
 Culebra Cut, 428, 435
 Culebra Island, 427
 Culebra, Porto Rico, 400
 Culpepper's Island, 112
 Cumberland Bay, 398
 Cumberland, Earl of, 402
 Cumuto, 219
 Cuna-Cuna Road, 201
 Cundall, Mr. Frank, 177, 192, 198
 Cunningham, Craig, Mr., 87, 237
 Cunupia, 219
 Curaçao, **378-379**
 Curios, 460
 Customs, the, 39
 Cuyuni River, the, 126
 DÂAGA, 230
 Dabadie, 219
 Dalling, Elizabeth, 180
 Dalrymple, Major-General, 281
 Danish W. I. and Guiana Co., 369
 Darell, Rev. J. H., 289
 Darien, 415, 428
 d'Aubigné, Françoise, 361
 D'Aumale, Duc, 188
 Dauntless Island, 143
 Davers, Admiral, 180
 Davidson-Houston, Lt.-Col. W. B., 334
 Davis, C. M. G., Mr. N. Darnell, 101
 Davison, Newman & Co., 459
 Davis, Rt. Rev. Daniel G., 326
 Davson, the late Sir Henry K., 142
 Dawlish Bounce, 110
 Deane, Richard, 121
 de Avila, P. A., 429
 Débé, 219
 de Bellair, M., 255
 de Bouillé, Marquis, 240, 272, 320, 321, 325, 340, 378
 de Caillus, M., 256
 de Cerillac, Count, 249
 Deck Chairs, 30
 De Crespigny, Augustus J., 183
 Deep Bay, Antigua, 300
 St. Kitts, 322
 de Espade, Don, J. J. D., 392
 Defoe, 237
 De Grasse, Count, 187, 266, 315, 318, 320, 340, 348, 359
 De Guichen, 350
 De Lesseps, 430
 Del Garno, Captain, 307
Deliverance, 62
 Demerara, Colony of, 129
 Demerara Railway Co., the, 131
 Demerara River, the, 126, 143

- Denmark Fort, 122
Denmark, King of, 369
Dennery, 273
Dennery Factory, the, 274
D'Ennery, Governor, 273
de Ojeda, A., 428
de Oruña, St. Josef, 214
de Oruña, Don José, 230
de Ponti, 416
Department of Agriculture, the
 Imperial, 285, 458
de Pass, E. A., 168
Désirade, la, 359
D'Esnambuc, 248, 272, 296, 314
"Desolation," Valley of, 347
Dessalines, General, 411
d'Estaing, Count, 249, 257, 266, 272,
 273, 274
D'Estrées, Count, 265
Deveaux, Colonel, 78, 84
Devil's Bridge, 308
Devil's Hole, 69
"Devil's Woodyard," the, 234
Diablo Mount, 193
Diablotin, Morne, 336
Diadème, the, 349
Diamant, Pointe du, 277
Diamond Rock, the, 277, 366
Diego Columbus, 160, 382
Diego Velasquez, 382
Diego Martin, 228
Dieppe Bay, 322
Dillon, Count, 249
Direct W. I. Cable Co., 40
Distances, tables of, 38, 39
Doctor's Cave, 196
"Doctor," the, 170
Dod's Reformatory, 112
"Dog hutch," 13
Dogs, the, 331
Dollars and Sterling Tables, *end of
 book*
Dome, the, Montego Bay, 197
Dominica, **336-351**
 Climate, 339
 Club, 343
 Communication, Means of, 342
 Constitution, 341
 Financial Position, 339
 General Aspect, 336
 History, 339
 Hotels, 341
 Industries, 337
 Principal Sights, 343
 Sports, 343
Don Christopher's Cove, 192
Dorsetshire Hill, 292
Doubloons, 10
Dougaldston, 255
Dougal, Mr. R., 309
Dow's Hill, 304
Doyley, Colonel, 190, 192
Dragon's Mouths, 211
Drake, Sir Francis, 42, 351, 402, 416,
 418, 420, 424
Drake's Channel, Sir Francis,
 351
Drake's Spit, 420
Drayton, Edward, 341
Drip Stone, Barbados, 8
Drummer, 168
Drummond, Colonel, 266
Dry Harbour, 167, 192
du Casse, Monsieur, 173
Ducking Stool, 68
Dudley, Lord, 169
Duke of Cornwall's Light Infantry,
 341
Dulcina, 294
Dundas, Governor, 283
Dunlop, Brigadier-General, 307
Dunmore, Lord, 82, 84
Duncombe Gully, 123
Du Parquet, 248, 249
D'Urban, Sir B., 135
Durham, Dean of, 100
"Dust," May, 86, 291
Du Tertre, 260
Duvallé, 281
D'Warris, Dr., 174
EAGLE House, 190
Earl, Mr. R. S., 354
Earthquake, Jamaica, 1907, 169,
 Port Royal, 1692, 180
East Coast, Trinidad, 235
East Indian Immigration, 44
Eau de Dolé, 359
Edinboro' Bay, 287
Edinburgh, Duke of, 63, 82, 123,
 228, 270
Edward, King, 179, 225, 226
Edwards, Bryan, 180, 192, 255
Effingham, Earl and Countess of,
 189
Egerton, Lady, 139
Egerton, Sir W., 130
Eight, Pieces of, 10
El Caney, 397
El Cayo, 153

- El Dorado, the, 129
 Electric Co., the Trinidad, 217
 Electric Co., Ltd., the W. I., 164
 Eleuthera, 74, 84
 Elgin, Lady, 189
 Elizabeth, Queen, 416
 Elliot, Capt. Charles, 64
 El Templete, 391
 El Tucuche, 212
 El Yunque, 400
 Emes, Lt.-Col., 344
 English Caye, 154
 English Harbour, 294, 304-307
 Enriquillo Lake, 414
 Episcopal Palace, Panama, 439
 Erin, 220
 Espagnola, *see* Haiti
 Espagnole Point, 281
 Esquemeling, 440
 Esquimel, 160
 Essequibo, Colony of, 129
 Essequibo River, the, 126, 143
 Essex Regt.'s Mount, 66
 Estremadura, 35
 Estridge Estate, 322
 Etaballi Falls, 143
 Etang, the Grand, 245, 258
 Eugénie, Empress, 434
 Everard, Mount, 144
 Ewarton, 166, 192, 193
 Exhibition Committees, Permanent,
 458
 Expenses, 10
 Express Letters, 41
 Exuma, 74
 Exuma Cays, the, 85

 FAHIE, Commodore, 306
 Falernum, 9
 Fallen Jerusalem, 352
 Falmouth, 167, 193, 200
 Falmouth Harbour, 294, 304
 Farfan Tomb, 231
 Farley Hill, 123
 Farquharson, General, 271
Favourite, H.M.S., 305
 Fayal, 33
 Fédon, Julien, 247, 249, 258
 Fédon, Morne, 258
 Fédon's Camp, 259
 "Fer-de-Lance," the, 276, 460
 Ferdinand and Isabella, 382, 406
 Ferguson, Mr., 226
 Fergusson, Sir James, 180
 Fernando VII, 392

 Fern Caves, 70
 Fern Gully, 192, 193
Ferret, the, 178
 Ferry Boats in B. Guiana, 133
 Ferry, Iron, the, 185
 Field, Bishop, 65
 Fig Tree Hill, 304
 Fincastle Fort, 84
 Fitton, Lieut. Michael, 177
 Five Islands Bay, Antigua, 297
 Five Islands, Trinidad, 218, 228,
 236
 Flamenco Island, 427
 Flatt's Village, 63, 68
 Flaxman, 170, 200
 Flibustiers, 160
 Floating Dock, Bermuda, 66
 Floating Dock, the Trinidad, 236
 Floating Dock, St. Thomas, 370
 Flores, 33
 Florida, 1, 385
 Flushing, Zeelanders from, 239
 Flying Fish, 6, 34, 109
 Flying Fish Fleet, 109
 Fogo, Lake, 33
 Folly, the, 228
 Food, 6
 Foraker Bill, 403
Formidable, the, 188, 349
 Fort de France, 360, 362
 Fort Royal, 362
 Fort Royal Bay, 349
 Fort Royal, Grenada, 255
 Forts :
 Amsterdam, Curaçao, 379
 Augusta, Jamaica, 168
 Barrington, Antigua, 300
 Barrington, Montserrat, 336
 Catherine, Bermuda, 62
 Charles, Jamaica, 182
 Charlotte, Bahamas, 82, 85
 Charlotte, St. Vincent, 279, 288
 Charlotte, Virgin Islands, 355
 Cunningham, Bermuda, 71
 Denmark, Barbados, 122
 Dundas, Jamaica, 192
 Duvernette, St. Vincent, 287
 Fincastle, Bahamas, 84
 Fuerza, La, Cuba, 391
 George, Grenada, 254, 256
 George, Trinidad, 229
 Goat Hill, Antigua, 299
 Great George, Antigua, 304
 Henderson, Jamaica, 168
 James, Antigua, 300

Forts—*continued*

Kendal, Barbados, 117
 King George, Tobago, 242
 Matthew, Grenada, 258
 Maycock's Barbados, 124
 Morro, Havana, 386
 Porto Rico, 406
 Santiago, 397
 Santa Marta, 424
 Old, Bahamas, 83
 Punta, la, Cuba, 387
 Rock, Jamaica, 200
 Saint George, Montserrat, 336
 San Fernando, Cartagena, 420
 San José, Cartagena, 420
 William, Frederick, B. Guiana, 136, 139
 Windsor, Jamaica, 192
 Young, Dominica, 345
 "Forties," the "Roaring," 33
 Fortuné, Morne, 266, 269, 271
 Foster, Mr., of Cuba, 385
 Foudroyant, 304
 Fountain Garden, Barbados, 99
 Four Paths, 165
 Fowle, Dr. W., 196
 Fraser, General, 320, 321
 Fraser, John, 178
 Fraser, John Foster, 436
 Fredericksted, 374
 Freeman, Captain, 365
 Freeman, Humphrey, 189
 Freemasonry, 47
 French W. I. Company, 249, 265
 Frenchmen's Hill, 370
 Freshwater Bay, 87
 Freshwater Lake, 346
 Friar's Hill, 308
 Friendly Hall Estate, 100
 Frigate Bay, 321
 Frigate Island, 246
 Frijoles, 435
 Froude, J. A., 283
 Fruits, W. I., 7
 Fuerza, La, 391
 Furnas, 33
 GAGE'S SOUFRIÈRE, 335
 Galdy, Lewis, 182
 Galeota Cape, 214
 Galera, la, 214
 Gallows Island, 68
 Gallow's Point, 183
 Ganson, W., 424
 Garcia, 383

Gaspar Grande, 220, 236
 Gasparee, 218, 236
 Gatun, 434
 Gatun Dam, 432, 435
 Geary, Sir H. L., 60
 Geflowski, 175
 Geology, 2
 George I, King, 265, 281
 II, King, 287
 III, King, 82, 284, 287
 V, King, 84, 108, 232, 234, 285, 272, 307
 Georgetown, British Guiana, 136
 Cayman, 207
 St. Vincent, 292
 Gibbs Hill, 68
 Gibraltar Rock, 190
 Gilbert, Mr. and Mrs., 302
 Gillespie Bros. and Co., 327
 Gill, Thomas, 99
 Glasgow Sailings, 18
Glorieux, the, 350
 Glover Island, 246
 Goat Hill, 300
 Goat Hill Fort, 299
 Goat Island, 243
 Godets, 56
 Goff's Cayo, 154
 Gold, 127
 Golden Grove, 201
 Golden Rock, 378
 Goldsworthy Road, 273, 274
 Golf, "Court," 80
 Gomez, 383
 Goodson, Vice-Admiral, 190
 Gorda Sound, 352
 Gordon Gordon, W., 226
 Gordon, Hon. Alex., 335
 Gordon, Sir Arthur, 226
 Gordon Town, 184
 Gouyave, 246, 252, 255, 259
 Government Buildings, Grenada, 255
 Kingston, Jamaica, 172
 Panama, 439
 Spanish Town, Jamaica, 185
 Government House :
 Antigua, 303
 Barbados, 101
 Belize, 153
 British Guiana, 138
 Grenada, 257
 Nassau, 83
 St. Kitts, 318
 St. Lucia, 270

Government House—*continued*

- St. Vincent, 283
- Tobago, 243
- Trinidad, 226
- Government Offices, St. Vincent, 283
- Graciosa, 33
- Granada, New, 416, 429
- Grand Ance Bay, 257
- Grand Bahama, 76
- Grand Carenage, 261
- Grand Etang, the, 245, 258
- Grand Pauvre, 259
- Grande Rivière, 220
- Grande Terre, Guadeloupe, 356
- Grange Lane, 165
- Grant, Sir John P., 169, 177
- Grappler*, 365
- Grassy Bay, 56, 63
- Graves, Admiral, 350
- Greater Antilles, 1
- Great George Fort, 304
- "Great Lodge of St. John's," 301
- Great River, 197
- Green Bay, 182
- Greenheart Camp, 143
- Green Hole, the, 255
- Green Island, 246
- Greenvale, 165
- Greenwood, Capt. J., 210
- Gregory Park, 165
- Grenada, **245-261**
 - Climate, 248
 - Clubs, 254
 - Communication, Means of, 251
 - Constitution, 250
 - Financial Position, 247
 - General Aspect, 245
 - History, 248
 - Hotels, 251
 - Industries, 246
 - Parishes, 246
 - Post Office, 255
 - Principal Sightings, 254
 - Sports, 252
- Grenade Hall, 123
- Grenadines, the, 246, 279, 289
- Grenville, 246, 249, 252, 260
- Grenville Bay, 246, 260
- Grenville, Lord, 43
- Grenville, Sir Richard, 33
- Grey, Sir Charles, 272
- Grey, Sir Edward, 444
- Grey-Wilson, Sir W., 79, 81
- Griffiths, T. Risely, 316

- Groo-groo worms, 8
- Gros Islet, 262, 274
- Gros Islet Bay, 266, 274
- Gros Piton, the, 262, 275
- Grouper, 6, 242
- Groupers Grotto, 69
- Guadeloupe, **356-359**
 - Climate, 357
 - Clubs, 358
 - Communication, Means of, 358
 - Constitution, 357
 - Financial Position, 357
 - General Aspect, 356
 - History, 357
 - Hotels, 358
 - Industries, 356
 - Principal Sightings, 358
 - Sports, 358
- Guaico, 219
- Guanajay, 385
- Guanapo, 219
- Guantanamo, 385, 398
- Guava ridge, 184
- Guayaguayare, 220, 235
- Guayaguayare Oil Fields, 235
- Guayama, 403, 404, 405
- Guérin Estate, 364
- "Guiana." "Discoverie of," 129
- Guïnes, 385
- Guïnes River, 385
- Guira, 396
- Gulf weed, 34
- Gullies, Barbados, 118
- Gully, Dunscombe, 123
- Gully, Fern, 192, 193
- Gully, Porey Spring, 123
- Gun Hill, 118
- Gun-pits, St. Lucia, the, 273
- Gunthorpe's factory, 303, 307
- Gurney, Hon. F., 247
- Gustavia, 359
- HABAÑA, la, 391
- Hackleton's Cliff, 105
- Haddon Smith, G. B., 79
- Haenke, 136
- Haiti, **408-414**
 - Climate, 410
 - Communication, Means of, 412
 - Constitution, 412
 - Financial Position, 409
 - General Aspect, 408
 - History, 410
 - Hotels, 412
 - Industries, 409

- Haiti—*continued*
 Principal Sights, 413
 Haitien, Cape, 413
 Hakewill, 196, 199
 Hakluyt, 352
 Halfway Tree, 179
 Halkett, Governor, 83
 Hamilton, Alexander, 326
 Hamilton Almshouse, 256
 Hamilton, Bermuda, 63
 Hamilton, General, 315
 Hamilton, Gov. H., 63
 Hampstead, Dominica, 342
 Hangman's Bay, 124
 Harbour Head, 200
 Harbour Island, 74, 84
 Harcourt, Robert, 328
 Hardwar Gap, 184
 Harewood, the Earl of, 99
 Harrington Sound, 69
 Harrison College, 101
 Harris village, 335
 Hartlands, 165
 Harvey, Admiral, 215, 402
 Hastings Rocks, 103
 Havana, 382, 385
 Havana Harbour, 383, 385
 Hawkins, Sir John, 42, 402, 418
 Hay, Sir James S., 91
 Haynes, Mr. Robert T., 105
 Haynes-Smith, Sir William, 79, 319, 345
 Headquarters House, 175
 Health, 5
 Healthshire Hills, 168
 Heath, Josiah, 104
 Heinrich, 402
 Hemming, Sir A. W. L., 130, 161
 Henriques, R., 175
 Heredia, P. de, 419
 Herschel, A. E., 176
 Hibbert, Thos., 176
 High North, 246, 261
 Higuey, 414
 Hillaby, Mount, 86
 Hill, Robert T., 380
 Hill, Sir Dudley, 275
 Hillsborough, 261
 Hime, Lt., 70
 Hirst, Dr. G. B., 208
 Hislop, Gov., 229
 Hispaniola, 410
 Hobson, Lieut., 383, 397
 Hodges, John, 193
 Hodgson, Sir F. M., 91, 130, 142
 Hog Island, 246
 Hog Island, Bahamas, 80, 81, 85
 Holetown, 89, 121
 Holland Bay, 201
 Hollymount House, 162, 193
 Holmes, Rear-Admiral C., 180
 Holmes, Sir Robert, 300
 Home, Ninian, 249, 258
 Homeward Voyage, the, 460
 Hood, Commodore, 277
 Hood, Sir Samuel, 240, 315, 318, 320, 349
 Hope Bay, 166
 Hope Gardens, 183
 Hope River, 200
 Hospital Hill, 249, 257
 Houel, 265
 Houston Avenue, 140
 Howard, W. M., 99
 Huevos, 211
 Huggins, H. C., 330
 Huggins, Hon. P. T., 326, 327, 330
 Hugues, Victor, 249, 258, 266
 Humboldt, 395, 422
 Hurricanes, 4, 5
 IAMBOU, 283
 Icacos, 218
 Iguana, the, 8
 Immigration, East India, 44
 Imperial Department of Agriculture, 285, 458
 Imperial Road, the, 337, 348
 Imray, Dr. John, 338, 344, 345
 Imray Memorial School, 344
 im Thurn, Sir Ed., 144, 145, 146
 Inagua, 74
 Inchiquin, Earl of, 189, 190
 Indentured Immigration, 44
 Indian Warner, 307
 India Park, la, Cuba, 390
 Industries, **442-457**
 Balata, 127, 456
 Banana, 452
 Cocoa, 451
 Cotton, 454
 Gold, 127
 Nutmeg, 247, 261
 Pen-keeping, 158
 Rubber, 456
 Rum, 449
 Salt, 202
 Sponge, 75, 202
 Spice, 247, 261
 Sugar, 442

- Ingram, Sir William, 243
 Inquisition, House of the, 421
 Institute of Jamaica, the, 176
 Instituto, Nacional, 440
 "Intendencia," the, 406
 Ipswich, 164, 165, 195
 Ireland Island, 55, 66
 Ireng River, 126
 Isabella, Queen, 156, 382, 406
 Isle de Caille, 246
 Islet Ronde, 246
 Ituribsce Lake, 142
- JACK ADAM ISLAND, 246**
 Jackson, Bishop, 301
 Jackson, Colonel, 160
 Jackson, Sir H. M., 216, 298
 Jacques, John, 174
Jamaica, 156-201
 Arms of, 189
 Climate, 159
 Club, 168, 178
 Communication, Means of, 163
 Constitution, 161
 Counties of, 157
 Financial Position, 158
 General Aspect, 156
 History, 159
 Hotels, 161
 Industries, 157
 Principal Sights, 168
 Sports, 167
 Jamaica College, 183
 Jamaica Institute, 176
 Jamaica Tourists Assn., 172
 James I, King, 89, 99, 121
 Jamestown, 89, 121
 Jarabacoa, 414
 Jaruco, 395
 Jarvis, T. L. H., 354
 Jasper Hall, 176
 Jenman, Mr. G. S., 140
 Jerningham, Sir H. E. H., 216
 Jerningham Junction, 219
 Jervis, Admiral, 266, 272
 Jews' Burial Ground, 330
 John Brewer's Bay, 372
 John's Hall Dam, 197
 Jones, Bishop, 64
 Jones, Mrs. Woodgate, 138
 Jones, Sir Alfred, 169
 Jordan, Edward, 175
 Joseph, Mr. E. L., 215, 230
 Josephine, Empress, 361, 362
 Jost van Dyke, 351
- Joyce's Caves, 69
 "Juana," or Cuba, 382
 Judge's, 308
 Judlee, Captain, 265
- KAIETEUR FALL, 144-147**
 Kangaruma, 146
 Kartabo, 144
 Keane, Sir John, 193
 Keith, Sir Basil, 189
 Kempe, 284
 Kendal, 165
 Kendal Fort, 117
 Kent, Duke of, 266, 271
 Kerr, John E., 197
 Kerr, Mrs. S. N., 196
 "Kick-em-Jenny," 246
 Kill-devil, 450
 King's House, Jamaica, 180
 King's House, Spanish Town, 185
 Kingsley, Charles, 31, 108, 215, 226,
 424
 Kingston Harbour, 157, 168
 Kingston, Jamaica, 157, 165, 166,
 167, **168-179**
 Kingstown, St. Vincent, 283
 Kingstown Waterworks, 292
 King Street, 170
 Kirvan, Patrick, 302
 Kitchener, Gen. F. W., 60, 72
 Kitchin, G. H., 100
 Kitty Plantation, 139
 Knollys, Sir C. C., 298
 Knowles, Admiral Charles, 197
 Koriabo, 144
 Krum Bay, 372
 Kuribrong river, 126
 "Kyk-over-al," 129, 144
- LABAT, PÈRE, 343**
 La Baye, *see* Grenville
 Labba, 8
 Laborie, 268, 275
 Laborie, Baron de, 266, 275
 La Brea, 214, 218, 234
 L'Abys, 346
 Lacombe Piton, 273
 La Désirade, 359
 Laffan, Sir R., 65
 Laffoon Family, the, 335
 La Fortune Estate, 249
 La Fortunée Estate, 233
 La Fuerza, 391
 La Galera, 214
 La Garza, 58

- "Lagoon," the, 254
 Lagoons, Curaçao, 379
 "La Grange," 341
 La Grange, General, 340
 La Guaira, 415, 426
 La Guerite Estate, 319
 Laguna Grande, 425
 Laidlaw, Hon. James, 344
 Laing, Malcolm, 174
 Lake, Captain, 352
 Lake, Captain Jacob, 330
 Lamaha Canal, 136
 Lampsius, Cornelius, 240
 Lancashire Estate, 348
 Langford's, 308
 Langley, Major John, 344
 Language, 49
 L'Anse Citron, 275
 Large Island, 246
 La Romana, 414
 Las Casas, 382
 Laudat, 347
 Laundry, 49
 Laurel Ditch, the, 387
 Lavington, Ralph, Lord, 302, 303
 Law Courts, Victoria, 138
 Lawes, Hon. James, 180
 Lawn-Tennis, *see* Sports
 Lawrence, Capt., 67
 Lawrence, James, 197
 Lawrence, W. F., 196
 Layout, St. Vincent, 283
 Flats, Dominica, 337
 River, 337
 L'Echelle, 356
 Leclerc, General, 411
 Le Compte, 260
 Leeward Islands, 1, 2, **294-351**
 Leguan, 142, 143
 Le Hunte, Sir George R., 216, 341
 Leigh, Amyas, 424
 Leigh, Sir Oliph, 89
 Leper Asylum, St. Kitts, 323
 Lesser Antilles, 1
 Les Tantes, 246
 Levera Island, 246, 260
 Lewis, Galdy, 182
 Lewis Gully, 119
 Lewis, Monk, 35
 Leyborne, Governor, 284
 Liamuiga or St. Kitts, 314
 Library, Free, Barbados, 100
 Dominica, 343
 Public, Bahamas, 82
 Public, Bermuda, 64
 Libraries—*continued*
 Public, B. Guiana, 137
 Public, Grenada, 255
 Public, Trinidad, 224
 St. Kitts, 318
 St. Vincent, 283
 Lightbourn, Mr. John N., 372
 Lignum Vitæ, 158
 Liguanea, 169
 Lilly, Col. Christian, 172
 Lily, Victoria Regia, 136
 Lime, the, 371
 Limes, 126, 263, 332, 338
 Linstead, 164
 Lion, Col. Wilkinson's, 118
 Lipscomb, Bishop Christopher, 180
 Liverpool, Sailings from, 16
 Llewelyn, Sir Robert, 250
 Lloyd, Mr. C. A., 148
 Lockhart, Mr. David, 226
 "Log," "Tom Cringle's," 174, 183,
 371
 Logwood, 149, 158
 Loiza, R., 400
 Lombadas, 33
 Lompré, Mr., 276
 London, Sailings from, 17
 Long Bay Castle, 110
 Long Bird Island, 70
 Long Cay, 74
 Long (Historian), 186
 Long Island, 74
 Long, *see* Main Island
 Long Mountain, the, 168
 Long, Samuel, 189
 Longdenville, 219
 Lopez, 387
 Lord's Castle, 110
 Loubière, Bar gate of, 346
 Louis XIV, 361
 XV, 188, 349
 XVI, 275
 L'Ouverture Toussaint, 411
 Lovers' Walk, the, 287
 Lowendahl, 272
 Low Point, 287, 289
 Lowman's Village, 287
 Lubbock, Sir Nevile, 233
 Lucas, Hon. Nathan, 113
 Hon. William, 258
 Lucayans, the, 77
 Lucea, 164, 167, 200
 Lynch, Hon. J. B. A., 99
 Sir Thomas, 189
 Lyon, Sir James, 99, 102

- Lyttelton, Governor William H.,
 186
 Lyttelton, Sir Charles, 190

 MABOUYA ISLAND, 246
 Mabouya Valley, 273, 274
 Macartney, Sir George, 257
 Maces, 383
 Maces, Jamaica, 176
 Macfarquhar, Dr. George, 196
 Mackay, Mr. A. R.
 Macqueripe Bay, 226
 Macusis, 42
 "Madre de Cacao," 232
 Madrid, Treaty of, 160
 Madraga, 385, 395
 Mafolie, 370
 "Magnificent Province," the, 148,
 Mahaica, 132
 Mahan, Captain, 315, 427
 Mahaut, 342
 Mahogany Camps, 153
Maine, the, 383, 389
 Maintenon, Madame de, 361
 Main Island, 55, 58
 Maisi, Cape, 408
 Malaria, 6
 Malecon de las Bovedas, 439
 Malecon, the Havana, 387
 Malecon, the Panama, 439
 Maling, Captain I. C., 282
 Mallali, 143
 Malta, Knights of, 375
 Malvern, 162, 194
 Mamatoco, 425
 Manatee, 154
 Manati River, 400
 Manchioneal, 201
 Manchineel trees, 305
 Mandeville, 162, 194
 Mangoes, 7
 Mangrove Bay, 66
 Mangrove Lagoon, 372
 Manjak Mines, 235
 Manning, Edward, 174
 Manning, Sir W., 161, 179
 Manoa, 129
 Man-o'-War Bay, 241
 "Manteca" Bay, 195
 Manzanilla, 220
 Manzanillo Bay, 408
 Manzanillo Island, 432
 Maracas Fall, the, 230
 Maran Bay, 250
 Maraval, 228
 Marble Hill, 307
 Margarita, 425
 Marianao, 385, 394
 Marie Galante, 359
 Marigot, Dominica, 342, 350
 Marigot, St. Martin, 375
 Marine Square, 222
 Maritz, Jean, 188
 Market, Barbados, 97
 Dominica, 344
 Stabroek, 131
 St. George's, 256
 St. Vincent, 287
 Markham, Sir Clements, 350
 Marlborough, the Earl of, 89
 Marley Castle, 197
 Maroons, 160, 197, 198
 Maroon Town, 197
 Marquis Island, 246
 Marriagua, 293
 Marr, Sir H., 83
 Marryat, Captain, 256
 Marshall, Nathan, 350
 Martha Brae River, 157
 Marti, José, 383, 390
 Martinique **360-366**
 Climate, 361
 Communication, Means of, 362
 Constitution, 361
 Financial Position, 360
 General Aspect, 360
 History, 361
 Hotels, 362
 Industries, 360
 Principal Sights, 362
 Martinique, Petit, 246
 Mason Hall, 243
 Masonic Hall, Bermuda, 64
 Masonic Temple, Kingston, 178
 Massecuite, 449
 Matanzas, 385, 394
 Matelot, 220
 Matope Falls, 144
 Mathew, Governor, 300
 Matthew, Governor, 305
 Maurice, Lieut. J. W., 277
 Mavis Bank, 184
 Mayabeque River, 385
 Mayaguana, 74
 Mayagüez, 400, 403
 Mayaro, 220
 "May Dust," 86, 291
 May, Henry, 58
 May Pen, 165, 193
 May, Rev. William, 174

- Maycock's Fort, 12
 Mayreau, 279
 Mazan, Don José, 232
 Mazaruni River, the, 126, 129, 139
 McConnell, Mr. F. V., 148
 Meadows, General, 272, 273
 Meals, 9
 Mechanics' Hall, Bermuda, 65
 Medical Service, 5
 Megass, 449
 Melville, Governor Robert, 255
 Melville, Sir George, 267
 Merchants' Exchange, 171
 Merrifield, Ralph, 314
Merrimac, 383, 397
 Merwar's Hope, 314
 Mesopotamia Valley, 293
 Messervy, C. 271
 Meues, *see* Nevis
 Metcalfe, Sir C., 170, 184, 193
 Michael Scott, 176
 Mico College, 179
 Mico College, Old, 169
 Micoud, 276
 Micoud, Baron de, 276
 Middle Ground, 304
 Middle Island, St. Kitts, 323
 Middle Road, Bermuda, 69
 "Midge," "Cruise of the," 176
 Miles, General, 402
 Military Road, Porto Rico, 403, 407
 Militiamen, White, 45
 Milk River, 162, 194
 Millar's, 307
 Milo, 413
 Mineral Springs :
 Guadeloupe, 359
 Jamaica, 194, 200
 Nevis, 327
 Miraflores, 428, 436
 Misery, Mount, 312, 321
 Mission, the, 234
 "Modeste," le, 188
 Modyford, Sir Thomas, 189
 Molascuit, 126
 Mole, St. Nicholas, 408
 Mole, the, Barbados, 87
 Molyneux Estate, 322
 Moloney, Sir C. A., 216, 226, 250
 Monckton, General, 266, 281
 Mona Passage, 399, 400, 408
 Moneague, 163, 192, 193
 Money, 10
 Money Orders, 41
 Monkey Hill, 321, 434
 Monk's Hill, 304
 Monos, 211, 218, 236
 Montague, Duke of, 84, 265, 281
 Montagu Fort, 184
 Montego Bay, 163, 164, 165, 167, 191, **195**
 Monte Lirio, 435
 Montgomery, Earl of, 239
 Montpelier, Jamaica, 163, 164, 165, 195, 197
 Montpelier, Nevis, 329
 Montserrat, **332-336**
 Climate, 333
 Communication, Means of, 334
 Constitution, 334
 Financial Position, 333
 General Aspect, 332
 History, 333
 Hotels, 334
 Industries, 332
 Principal Sights, 334
 Sports, 334
 Montserrat, Hermitage of, 394
 Montserrat, Notre Dame de, 232
 Montserrat, Trinidad, 232
 Moore, Governor, 72
 Moore, Lt.-Gov. Henry, 185
 Moore, Sir John, 266, 272
 Moore Town, Bermuda, 70
 Moore Town, Jamaica, 191, 201
 Morant Bay, 167, 200
 Morant Cays, 156, 209
 Morant Point, 201
 Morawhanna, 144
 Morawhanna Passage, 144
 Morgan, Colonel, 314
 Morgan, Sir H., 314, 419, 437, 440
 Moriah, 238
 Morne, Bruce, 345
 "Morne," Meaning of, 269
 Morne, Nicholls, 347
 Morris, Sir Daniel, 256
 Morro Castle, the, Havana, 386
 Morro Castle, San Juan, 406
 Morro Castle, the, Santiago, 397
 Morro, Santa Marta, 424
 Moruga, 214, 220
 Mosquito Bay, 372
 Mosquito, *Anopheles*, 6
 Mosquito, *Stegomyia*, 6
 Motoring, 12
 Mount Diablo, 193
 Mount Everard, 144
 Mount Hillaby, 87
 Mount Hope, 434

- Mount Langton, 63, 65
 Mount Rich, 260
 Mount Sage, 351
 Mud Volcanoes, the, 233
 Mulberry Garden, the, 190
 Muralla de les Bovedas, 422
 Murray Anchorage, 62
 Murray, Hon. C. Gideon, 282
 Murray, John, *see* Dunmore, Earl of
 Muscovado Sugar Manufacture, 447
 Museo Boliviano, 426
 Museum, Bermuda, 65
 Museum, B. Guiana, 137
 Museum, United Service, 178, 350
 Musgrave, Mrs., 303
 Mustique, 279
 Mutiny at St. Joseph, 230
 Myranda Hill, 195

Nancy, the brig, 177
 Naos Island, 427
 Naparima, 233
 Napoleon Bonaparte, 411, 443
 Narrows, the Bermuda, 56, 62
 Narrows, the, St. Kitts, 312
 Nassau, Bahamas, 80
 Nassau, Berbice, 141
 Navy Island, 191
 Needham's Point, 96
 Nelson, Lord, 97, 100, 182, 183, 304
 305, 329, 330
 Nelson's Marriage, 329
 Nelson's Quarter Deck, 182
 Nelson's Watering-place, 330
 Neptune's Grotto, 69
 Nevis, 324-331
 Climate, 324
 Communication, Means of, 325
 Constitution, 325
 General Aspect, 324
 History, 325
 Hotels, 325
 Industries, 324
 Principal Sights, 326
 Sports, 326
 Nevis, Mount, 331
 New Amsterdam, 141
 Newcastle, 184
 New Culebra, 435
 New Granada, 416, 429
 New Providence, 74, 75, 80
 New York, Sailings from, 21
 Nicaraguan Canal, 429, 430
 Nicholls, Dr. H. A. A., 339, 347

 Nicholson, Sir C., 172, 180
 Nicolay, William F. S., 344
 Nicuessa, D. de, 416, 428
 Niipe Bay, 398
 Nisbet, Mrs. F. H., 329
 Nisky, 371, 372
 Nombre de dios, 416, 418
 Nonsuch Island, 56
 Norman Island, 355
 North Rock, 62
 North Shore Road, 68
 North-West District, the, 144
 Nova Scotia, Bank of, 11
 Nova Scotia, Maroons in, 160
 Nueva Andalucia, 415, 428
 Nueva Gerona, 399
 Nugent, Lady, 185

 OBISPO Street, Havana, 391
 Ocho Rios, 167, 192
 Odley, Mrs. Elizabeth, 302
 O'Donnell Lighthouse, 386
 Ogston, Maurice, 230
 Oilfields, Guayaguayare, 235
 Oistin's Town, 117
 Old Fort, 83
 Old Harbour, 165, 194
 Old Jerusalem, 352
 Oldmixon, 346
 Old Road, 323
Oliph Blossome, the, 89, 121, 265
 Olivier, Sir Sydney, 161, 172
 Omai, 144
 O'Neil, General, 151
 Oracabessa, 192
 Orange Bay, 166
 Orange, Prince of, 315
 Oranges, 7
 Orange Town, 377
 Ordnance Island, 71
Oregon, the, 430
 O'Reilly, General, 391
 O'Reilly Street, Havana, 391
 Orinoco, the, 128, 220
 Oropouche River, 212
 Ortoire River, 212
 Otaheite, 285
 Otley Hall Estate, 288
 Otrabanda, 379
 Outfit, 28
 Ouvernard, Madame, 343
 Ovanda, N. de, 402
 Oxford Caves, the, 194
 Oxford Point, 66
 Oysters, Tree, 7

- PACIFIC, Discovery of the, 429
 Pagerie, la, Estate, 362
 Pagerie, M. de la, 361
 Paget's Island, 71
 Pagoua River, 337
 Painton, Captain Thomas, 314
 Pakatuk Falls, 126
 Palacio Federal, 426
 Palacio Municipal, Panama, 439
 Paleologus, Ferdinando, 105
 Palgrave, William Gifford, 337, 347
 Palisadoes, the, 157, 168, 183
 Pall Mall Square, 318
 Palmer, Hon. John, 196, 199
 Palmer, Mrs. Rosa, 196, 199
 Palmiste, Grenada, 250
 Palmyra, 199
 Panama, 427-441
 Canal, the, 427, 430, **434-437**
 City of, 437-441
 Co., the New, 430
 Communication, Means of, 431
 History of, 428
 Hotels, 431
 Old City of, the, 440
 Principal Sights, 432
 Province of, 427
 Railroad, 431
 Republic of, 427
 Panteon Nacional, 426
 Papain, 333
 "Papiamento," 379
 Paraclete Estate, 249
 Parade Garden, 175
 Parade, the, Montego Bay, 197
 Paradise, Birds of, 243
 Parcel Post, 41
 Parham, 307
 Parham Harbour, 294
 "Parham" Masonic Lodge, 301
 Paria, Gulf of, 211, 214
 Parika, 131, 132
 Paris, Treaty of, 266, 340, 382, 383
 Parke, Colonel, 297, 301
 Par la ville, 65
 Parry, Bishop, 270
 Paso Real, 396
 Passports, 30
Patience, 62
 Paynter's Hill, 70
 Paynter's Vale, 70
Pearl, the, 371
 Pedro Cays, 156, 209
 Pedro Miguel, 428, 436
 Peere, Van, 129
Pegasus, the, 305
 Pelé, Eruption of, 363
 Pelé, Mont, 5, 289, 360, 363
 Pelican Island, 96
 Peniston's Pond, 72
 Pen-keeping, 158
 Penn, Admiral, 160, 192
 "Pepper pot," 7, 8
Perdrix, H.M.S., 305, 306
 Père Labat, 344
 Perico Island, 427
 Permanent Exhibition Committees,
 458
 Peru, Trinidad, 229
 Peschier Cemetery, the, 225
 Peten, 153
 Peter's Island, 351
 Peter's Mine, 144
 Peterson, Lieutenant, 305
 Pétion, 411
 Petit Bordel, 283, 293
 Petit Martinique, 246
 Petit Piton, the, 262, 275
 Petit Tobago, 246
 Petit Trou Beach, 243
 Philippsburg, 376
 Phillipps, Captain Samuel, 174
 Photography, 30
 Physicians, 5
 Piccadilly, 307
 "Piché," 214
 Pico, 33
 Pico do Lima, 33
 Pico do Salomao, 33
 Picton, 215
 Pieces of Eight, 10
 Pigeon Hill, 237
 Pigeon Island, 263, 274, 349
 Pile, Hon. A. J., 99
 Pilet District, St. Lucia, 273
 Pilgrim, Dr. Graham, 122
 Pilot Hill, 260
 Pimento, or Allspice, 158
 Pimento dram, 9
 Pinar del Rio, 385, 396
 Pinder, Rev. J. H., 107
 Pineapples, 7
 Pine, R. E., 188
 Pine Ridge, 149
 Pines, Isle of, 382, 399
 Pinzon, 129
 Pitcairn Island, 285
 Pitch Lake, the, 214, 218, 234
 Piton Flor, 274
 Piton Lacombe 273,

- Pitons, the, 198, 262, 275
 Pitons, Trois, 273
 Pitt, Hon. Charles, 307
 Pi y Margall Street, Havana, 391
 "Placer" washing, 127
 Plaisance, 141
 Plantain Garden River, 157
 Plata, de la, R., 400
 Playa, 407
 Plaza, Cristobal, 406
 Plaza de Armas, 391
 Plaza de la Independencia, 438
 Plum Point, 35
 Plymouth, Montserrat, 334
 Plymouth, Tobago, 238
 Pocock, Sir George, 382, 386
 Pointe à Pierre, 219
 Pointe à Pitre, 356
 Pointe Michel, 342, 348
 Point Galera, 237
 Point Mulâtre, 342
 Point Petit, 237
 Point Salines, 260
 Police Barracks, Trinidad, 224
 Polignac, Prince, 292
 Polk, President, 382
 Pollards, 330
 Polo, 95, 102, 167
 Pomeroun, the, 142
 Ponce, 400, 403, 404, 407
 Ponce de Leon, 402, 406
 Ponce de Leon, Castle of, 406
 Ponta Delgada, 33
 Popa, the, 419, 422
 Population, 42
 Porey Spring, 123
 Port Antonio, 163, 166, 167, 191,
 201
Port Kingston, R. M. S., 169
 Port Louis, 254
 Port Maria, 167, 192
 Port Morant, 167
 Port of Spain, 212, 222
 Porter, Neale, 334
 Porter's Wood, 121
 Portland Cave, 194
 Portland, Duke of, 191
 Portland Ridge, 194
 Portlock, Capt. Nathaniel, 285
 Porto Bello, 416, 418, 419, 428
 Porto Rico: **399-407**
 Climate, 401
 Clubs, 406
 Communication, Means of, 403
 Constitution, 402
 Porto Rico—*continua*
 Financial Position, 401
 General Aspect, 399
 History, 401
 Hotels, 403
 Industries, 400
 Principal Sights, 406
 Sports, 406
 Port Royal, 169, 180
 Port Royal Mts., 163
 Ports Island, 56
 Portsmouth, 350
 Porus, 165
 Post Offices:
 Basseterre, St. Kitts, 317
 Bermuda, 64
 Bridgetown, 99
 Castries, 270
 Fort de France, 362
 Georgetown, 137
 Kingston, 172
 Kingstown, 283
 Nassau, 82
 Port of Spain, 223
 Roseau, 344
 St. George's, Bermuda, 70
 St. George's, Grenada, 255
 St. John's, 301
 Postal facilities, 40
 Postal orders, 41
 Post Royal, 260
 Potaro River, the, 144, 146
 Potteries, the, 109
 Povocao, 33
 Powell, Lt.-Gov. J. E., 83
 Poyntz, Captain John, 244
 Poyntz, Major-Gen., 308
 Prado, Cuba, 390
 "Précipice" gun, le, 188
 Prescott, Brig.-Gen., 273
 Presidential Palace, Cuba, 390
 Preston, 398
 Previté, Mr. H. F., 234
 Prevost, Brigadier-General, 340
 Price, General, 344
 Priestman's River, 201
 Prince Rupert's Bay, 337
 Prince Rupert's tomb, 350
 Princes Building, 228
 Princes Town, 219, 233
 Pringle, Hon. Sir John, 176, 193
 Prinson, Antigua, 303
 Probyn, Sir Leslie, 91
 Promenade Gardens, 139
 Prospect Hill, 69

- Providence*, the, 285
 Providenciales, 202
 Public Buildings, Barbados, 98
 Bermuda, 64
 B. Guiana, 137
 Kingston, 172
 Nassau, 81
 Port of Spain, 223
 Puentes Grandes, 394
 Puerto Bueno, 192
 Puerto Cabello, 415, 425
 Puerto Colombia, 423
 Puerto Plata, 414
 Pugin, 270
 Punta Gorda, Cuba, 396
 Punta, la, 387

 QUARANTINE STATION, Grenada, 257
 Queen's House, Nevis, 330
 Queen's Park, Barbados, 100
 Queen's Park, Trinidad, 225
 Queen's Royal College, 225
 Queen's Staircase, 84
 Quelch, Mr. J. J., 148
 Quisquica, 410

 RABACCA River, 278
 Racecourse, Berbice, 142
 Racker, Mr. E. T., 113
 Ragged Island, 74
 Ragged Point, 34, 111
 Railways :
 Barbados Light, 93
 Barranquilla, 418, 423
 British Honduras, 154-5
 Cartagena, 417, 421
 Cuban, 384, 390
 Demerara, 131
 Jamaica Govt., 164, 172
 La Guaira-Caracas, 418
 Panama, 429
 Porto Rico, 404
 Santo Domingo, 408, 412
 Trinidad Govt., 214, 217, 223
 Raleigh, Sir Walter, 129, 214, 232
 Ramsay, Major-General George W., 302
 Rancho Boyeros, 396
 Rat Island, 299, 301
 Rawle, Bishop, *see* Rev. Richard
 Rawle, Rev. Richard, 107, 224
 Rawson, Governor W. R., 74, 81
 Rawson Square, 81

 Raymond, Tyson, 190
 Raynal, Abbé, 391
 Reading Stream, 197
 Red House, the, 223
 Redonda, 311
 Regiments :
 Bufs, the, 260
 15th, 321
 16th, 288
 21st, 204
 38th, 199
 46th, 288
 47th, 84
 54th, 305
 56th, 60
 68th, 198
 69th, 288
 70th, 284
 101st, 198
 Duke of Cornwall's, 341
 Essex, 66
 Royal Artillery, 341
 Royal York Rangers, 103
 Royal Scots, 284, 320
 West India, 230, 341
 Reece, Mr. Robert, 112
 Reeves, Sir Conrad, 99
 Reid, Governor, 64
 Reinagle, Mr. Philip, 222, 224
 Religion, 46
 Requin, 252
 Richmond, 166
 Richmond Estate, 291
 Richmond Hill, 257
 Richmond Village, 291
 Ridge, the, 305
 Rio Bueno, 192
 Rio Claro, 219
 Rio Cobre, 157, 190
 Rio Grande, 157, 201
 Rio Minho, 193
 River Estate, 229
 Riversdale, 166
 Rivers Island, 56
 Rivière Madame, 362
 Monsieur, 362
 Salée, 356
 Roadtown, 351, 355
 "Roaring Forties," the, 33
 Roaring River, 157
 Roaring River Falls, 157, 192, 193
 Robespierre, 266
 Robinson Crusoe, 237
 Robinson Crusoe's Cave, 243
 Rock Fort, 200

- Rockly Bay, 242
 Rockstone, 143, 146
Roddam, the, 364
 Rodney, Admiral, 266, 274, 285,
 340, 348, 359, 378
 Rodney, Fort, St. Lucia, 274
 Rodney's "look-out," 168
 Rodney Statue, 170, 187
 Rodway, J., 143
 Rogers, Capt., 256
 Rogers, Capt. Woodes, 78
 Roosevelt, President, 403
 Roraima, Mount, 147, 148
Roraima, the, 365
 Rosalie, 343
 Rosalie Bay, 347
 Rosalie View, 347
 Rosario Central, 395
 Rose Hall, 197, 199
 Roseau, Dominica, 343-346
 Roseau Factory, St. Lucia, 274
 Roseau River, St. Lucia, 262
 Roseau Valley, Dominica, 345
 Roseau Valley, St. Lucia, 274
 Roubiliac, 183
 Rousselan, 265
 Routes to the West Indies, 13
 Rowley, Vice-Admiral B., 175
 Roxburgh, 238
 Roxburgh, His Honour T. L.,
 316
 Royal Artillery, the, 341
 Royal Commission of 1897, 458
 Royal Scots Regiment, 320
 Royal York Rangers Monument,
 Barbados, 103
 Ruatan, 281
 Rubber, 456
 Rumbullion, 450
 Rum Cay, 74
 Rum, W. I. exports of, 450
 Runaway Bay, 192
 Rupert, Prince, 300
 Rupununi River, the, 126
 Rutter, Plasterer, 111
 Ryswick, Treaty of, 410
- SAAVEDRA, Villalta de, 391, 393
 Saba, 377
 Saddle Hill Peak, 330
 Saddle, the, 229
 Sage Mount, 351
 Sail Rock, 373
 St. Alousie, 264
 St. Alouziel, 264
- St. Andrew, Mount, 278, 287
 St. Anne's Castle, Barbados, 103
 St. Ann's Bay, 163, 167, 192
 St. Ann's, Trinidad, 226
 St. Augustine Estate, 232
 St. Bartholomew, 359
 St. Catherine, Mount, 245
 St. Christopher, *see* St. Kitts
 St. Clair Experiment Station, 226,
 227
 St. Croix, **374, 375**
 St. David's Island, 56, 62, 70
 St. Eustatius, 377
 St. George's Cay, 151, 154
 St. George's, Grenada, 246, 254,
 255
 St. George's Island, 55, 59, 62, 70-73
 St. Helena, English harbour, 307
 St. Jago, 159
 St. Jago de la Vega, 160, 185
 St. John, 373, 374
 St. John's, Antigua, 294, 299-303
 St. John's Harbour, 294, 299
 St. José de Oruña, 214, 230
 St. Joseph, 214, 219, 230
 St. Joseph, Dominica, 342
 St. Kitts, **312-324**
 Climate, 313
 Clubs, 317
 Communication, Means of, 316
 Constitution, 315
 Financial Position, 313
 General Aspect, 312
 History, 314
 Hotels, 316
 Industries, 312
 Principal Sights, 317
 Sports, 317
 St. Laurent, M., 215
 St. Lucia, **262-277**
 Climate, 264
 Club, 269
 Communication, Means of, 267
 Constitution, 266
 Financial Position, 264
 General Aspect, 262
 History, 264
 Hotels, 267
 Industries, 263
 Principal Sights, 269
 Sports, 268
 St. Margaret's Bay, 166
 St. Martin, 359, **375 376**
 St. Martin's Road, 174
 St. Michael's, 33

- St. Michael's Town, 90
 St. Nicholas Abbey, 122
 St. Pierre, 362, 363
 St. Thomas, **367-373**
 Climate, 368
 Communication, Means of, 369
 Constitution, 369
 Financial Position, 368
 General Aspect, 367
 History, 368
 Hotels, 369
 Industries, 368
 Principal Sight, 370
 Sports, 369
 St. Vincent, **278-293**
 Climate, 280
 Clubs, 283
 Communication, Means of, 282
 Constitution, 282
 Financial Position, 279
 General Aspect, 278
 History, 280
 Hotels, 282
 Industries, 279
 Parishes, 278
 Post Office, 283
 Principal Sight, 283
 Sports, 282
 Saintes, Les, 359
 Saints, the Battle of the, 348
 Saline Island, 246
 Salines Point, 260
 Salmadina Bank, 420
 Salt Island, 351, 352, 355
 Salt Kettle, 68
 Salt-raking, 202
 Salt River, 194
 Samana Bay, 414
 Sampson, Mr. J. H., 329
 San Antonio, Porto Rico, 406
 San Cristobal de la Havana, 385
 Sancti Spiritus, 385
 Sanderson, Lord, 45
 Sandwith, Colonel, 282
 Sandy Island, 246
 Sandy Point, 320
 San Fernando, 219, 232
 Sangaree, recipe for, 9
 Sangre Grande, 219
 San Juan, Cuba, 398
 San Juan, Porto Rico, 400, 403,
 404, 406
 San Juan River, Cuba, 395, 396
 San Juan, Santo Domingo, 414
 San Juan, Trinidad, 219
 San Pedro de Macoris, 414
 San Pedro Trace, 219
 San Salvador, 74
 Sans Souci, 220
 Santa Anna Harbour, 379
 Santa Barbara, 399
 Santa Clara, 385, 397
 Santa Cruz, Jamaica, 164
 Santa Cruz Mountains, 195
 Santa Cruz Valley, 229
 Santa Fé, 399
 Santa Gloria, 192
 Santa Marta, 415, 424
 Santa Marta, Sierra Nevada de, 422
 Santiago de Cuba, 385, 397
 Santiago de las Vegas, 396
 Santiago, Santo Domingo, 408, 414
 Santo Domingo, **408-414**
 Climate, 410
 Communication, Means of, 412
 Constitution, 412
 Financial Position, 409
 General Aspect, 408
 History, 410
 Hotels, 412
 Industries, 409
 Principal Sight, 413
 Santurce, 406
 São Jorge, 33
 Sapodilla Gum, 149
 Sargasso Sea, the, 34
 Sasi, 192
 Sauteurs, 246, 252
 Sauteurs, Morne des, 249, 260
 Savanilla, *see* Puerto Colombia
 Savannah, the, Barbados, 102
 Savannah, the, Trinidad, 225
 Savanna la Mar, 164, 167, 195
 Scarborough, 220, 237, 242
 Scarron, 361
 Schleswig-Holstein, Princess Marie
 Louise of, 225, 228, 286
 Scholtgat, 379
 Schomburgk, Sir Robert, 112
 Scoles, Father Ignatius, 138, 270
 Scotland district, Barbados, 86, 123
 Scott, Michael, 174
 Sea Gardens, 85
 Sea Venture, 58, 62
 Sea Venture Flat, 62
 Sea Wall, British Guiana, 139
 Sealy, George, 105
 Sealy, Sir J., 99
 Searle, Governor, 300
 Sedeño, Don Antonio, 214

- Seedling Canes, 140
 "Self Help," the, Barbados, 100
 "Self Help," the, B. Guiana, 139
 Selwyn, Colonel William, 189
 Sendall, Sir Walter J., 91, 130, 255
 Sendall Tunnel, the, 255
 Sergeant's Caye, 154
 Serpent's Mouth, 211, 214
 Servants and wages, 10
 Sessions House, Bermuda, 64
 Sete Cidades, 33
 Seven Rivers Cave, 197
 Sewall, Arthur, 234
 Shafter, Gen., 398
 Shannon, Bell of, 67
 "Shark Papers," 176, 177
 Shark's Hole, 70
 Sharpe, Colonel W., 99
 Shea, Sir Ambrose, 79
 Shelly Bay, 69
 Ship's Stern Point, 300
 Shirley, Governor, 320, 321
 Shirley Heights, 304
 Shirley, Sir A., 160
 Siccama, Baron, 138
 Sierra Nevada de Santa Marta, 422
 "Siffleur Montagne," the, 346
 Silk Cotton Tree, Nassau, 82
 Sinai, Mount, 245
 Sion Hall, 119
 Siparia, 219
 Sir Timothy's Hill, 321
 Skeldon, 133
 Skerrets Reformatory, 303
 Slave trade, 42
 Slavery, abolition of, 43, 442
 Smith, Jane Anne, 49
 Smith, Rev. Mr., 329
 Smith's Island, 56
 "Society" Chapel, 107
 Society Estate, 106
 Sofaia, 359
 Solberg, 370
 Solebay, H.M.S., 174
 Sombrero, 352
 Somerset Island, 56, 63, 66
 Somers Islands, the, *see* Bermuda
 Somers, Sir George, 58, 62, 70
 Sotavento, Islas de, 2
 Soufrière Bay, St. Lucia, 262
 Soufrière, Dominica, 342, 346
 Soufrière fern, the, 287
 Soufrière, Gage's, Montserrat, 335
 Soufrière, la, Guadeloupe, 359
 Soufrière, St. Lucia, 262, 268, 274
 Soufrière, St. Vincent, 278, 289
 Soufrière, South, Montserrat, 335
 Southern Cross, the, 4
 South Point, Barbados, 118
 South-West Bay, 83
 Spanish Hat, 352
 Spanish Main, the, 415-426
 Spanish Point, Barbuda, 311
 Spanish Town, 163, 165, 169, 185
 Sparrow, H.M.S., 177
 Speightstown, 122
 Spice Estates, Grenada, 261
 "Spice Island of the West," the, 247
 "Spikestown," *see* Speightstown
 Sponge Market, Nassau, 83
 Sponges, 75, 202
 "Spoooner" Act, the, 430
 Spout, the, 257
 "Springfield," 319
 Spring, John, 419
 Sproston's, 133, 142, 146
 Spur Tree Hill, 194
 Stabroek, 130, 137
 Stags Channel, 63
 Stanchion-room, 448
 Stanmore, Lord, 226
 Stann Creek, 154
 Stapleton, Lieut. William, 183
 Statia, 377
 Steamship services, 13-27
 Booker Line, the, 17
 Booth Steamship Co. Ltd., 26
 Compagnie Générale Transatlantique, 18
 Demerara and Berbice Steamship Co., the, 17
 Direct Line of Steamers, the, 17-18
 East Asiatic Co., the, 18
 Elders and Fyffes, 16
 Frederick Leyland and Co. Ltd., 17
 Hamburg-American Line, 21
 Harrison Line, the, 17
 Houston Line, 26
 Koninklijke West Indische Mail Dienst, 19
 Lamport and Holt, 26
 La Veloce, 20
 Lloyd Brasileiro, 26
 New York and Porto Rico Steamship Co., 23
 Nourse Line, 27
 Orinoco Steamship Co., the, 220

- Steamship Services—*continued*
 Panama Railroad ss. line, 24
 Peninsular and Occidental Steamship Co., 26
 Prince Line, 27
 Quebec Steamship Co., 23
 Red "D" Line, the, 24
 Royal Mail Steam Packet Co., 14, 20
 Trinidad Line of Steamers, the, 21
 United Fruit Co., the, 24
 Ward Line, the, 25
 Stedman Family, the, 344
Stegomyia mosquito, 6
 Stephens, B. H., 225
 Stephens, J., 225
 Sterling and dollars tables, *end of book*
 Stevens, J. L., 430, 433
 Stewart, Donald, 230
 Stewart, Sir R., 60
 Stock Farm, St. Vincent, 287
 Stock Farm, Tobago, 243
 Stock Farm, Trinidad, 231
 Stowe, 342
 Strickland, Sir Gerald, 298
 Students' Memorial, Havana, 392
 Sturge Family, the, 332
Suchet, the, 365
 Suddie, 142
 Sugar bounties, 442
 Sugar Commission, International, 445
 Sugar Crops, W. I., 447
 Sugar duties, equalisation of, 442
 Sugar Manufacture, 447
 Sugar, W. I. exports of, 447
 Sulphur Springs, Dominica, 346
 Sunstroke, 5
 Sutherland, Mr. George, 309
 Sutton, 166
 Swaby, Bishop, 138
 Swayne, Sir E., 151
 Sweet-Escott, Sir Bickham, 151, 298
 Swettenham, Sir J. A., 161, 169
 Swizzle, recipe for a, 9
 Sylvania Estate, 348
 Syrians in W. I., 46

 TABAQUITE, 219
 Tacarigua, 219
 Tapion Rock, 269
 Tarpon, 167, 221
 Tayches, 448
 Teach, John, 371

 Teatro Nacional, Panama, 439
 Telegrams, 39
 Telescope Point, 260
 Temple Lady, 183
 Templer, P. A., 341
 Templete, el, 391
 Tennis, lawn, *see* Sports
 Terceira, 33
 Tercentenary Monument, Barbados, 121
 Tetu, 372
 Thatch Island, 352
 Thibou's, 308
 Thirty-sixth Regiment Monument, Barbados, 102
 Thompson Home, 284
 Thompson, Sir H. L., 267, 282
 Thornhill, Sir Timothy, 297, 314, 319, 321
 Three Houses Estate, 111
 Three Sisters, the, 214
 Tierra Bomba, 420
 Tierra Firme, 416, 429
 Time, the, 37
 Timehri Rock, 126
 Timothy Hill, 321
 Tina, Monte, 414
 Tinker, Governor John, 83
 Tips, 10
 Titchfield Hotel, 191
 Tobacco Caye, 154
 Tobacco Factories, 394
 Tobago, 237-244
 Climate, 239
 Club, 242
 Communication, Means of, 241
 Constitution, 240
 General Aspect, 237
 History, 239
 Hotels, 241
 Industries, 238
 Principal Sights, 242
 Sports, 242
 Tobago and Trinidad, union of, 240
 Tobago, Baron of, 240
 Tobago, Little, 243
 Toco, 220
 Todd's Road, 219
 "Tom Cringle's Cotton Tree," 185
 "Tom Cringle's Log," 174, 183, 185, 371
 "Tongue of the Ocean," the, 75
 Toral, General, 398
 Tortoiseshell, 207
 Tortola, 351, 355

- Tortuga, 410
 Tortuga, Trinidad, 232
 Toussaint L'Ouverture, 411
 Town Hall, Barbados, 100
 Town Hall, Georgetown, 138
 Town Square, St. Kitts, 317
 Trace, the, 273
 Trade winds, 4
 Trafalgar, Battle of, 97, 315
 Trafalgar Square, Barbados, 97
 Training School, St. John's, 303
 Treaties :
 Aix-la-Chapelle, 43, 240, 266, 281,
 339
 Amiens, 130
 Basle, 411
 Breda, 297
 Bulwer-Clayton, 429
 Hay-Pauncefote, 430
 Madrid, 160
 Paris, 150, 266, 340, 382
 Ryswick, 315, 411
 Utrecht, 315
 Versailles, 249, 266, 281, 315, 325,
 340
 Tree oysters, 7
 Trevi, fountain of, 6
 Trinidad, **211-236**
 Climate, 214
 Clubs, 221
 Communication, Means of, 216
 Constitution, 215
 Financial Position, 213
 General Aspect, 211
 History, 214
 Hotels, 216
 Industries, 212
 Principal Sights, 212
 Sports, 221
 Trinidad and Tobago, union of,
 240
 Trois Islets, 362
 Troja, 166
 Trollope, Anthony, 141
 Trollope, W. H., 111
 Trotter, Gen., 345
 Tucker, Governor, 71
 Tukait, 146
 Tumatumari, 126, 143, 146
 Tunapuna, 219
 Turks and Caicos Islands, **201-
 206**
 Climate, 203
 Communication, Means of, 206
 Constitution, 205
 Turks and Caicos Islands—*continued*
 Financial Position, 203
 General Aspect, 201
 History, 204
 Industries, 202
 Principal Sights, 206
 Turnbull, Mr. Gregor, 223
 Turner's Hall Wood, 123
 Turtle "crawls," 207
 Turtle-fishing, 207
 Two Rock Channel, 63
 UNDERWOOD TARIFF, 400
 Union Island, 279
 Union River, 278
 Union, Trinidad, 219
 United Fruit Company, 191, 398,
 424
 United Service Institution, 178
 United States Weather Bureau, 4
 Urgent, H.M.S., 183
 Uring, Captain, 265
 Usine, d'Arbaussier, 359
 Usine, St. Madeleine, 233
 Utrecht, Treaty of, 315
 VACUUM pan sugar manufacture,
 448
 Valsayn, 232
 Vanderlyn J., 392
 Van Peere, 129
 Vans Agnew, Brig.-Major, 307
 Varadero, 396
 Vauclain, the, 258
 Vauclin, Le, 360
 Vaughan, Captain, 215
 Vaughan, Colonel, 300
 Velasco, Don L., 387
 Velasquez, Don D., 385
 Venables, General, 160, 180, 192
 Venezuela, 1, 229, 415, 425, 426
 Ventine Sulphur Springs, 275
 Venus Pillar, the, 372
 Vere, 194
 Vernon, Admiral, 398, 419, 420
 Vernon's, 307
 Versailles, Cuba, 395
 Versailles, Treaty of, 249, 266, 281,
 315, 325, 340
 Vert, Mont, 360
 Vespré, Le, 360
 Vespucci, Amerigo, 128
 Victoria, Grenada, 252, 259
 Victoria Institute, 225
 Victoria Law Courts, 138

- Victoria Market, 171
 Victoria Museum, Roseau, 344
 Victoria Park, Bermuda, 65
 Victoria Park, Jamaica, 170, 175
 Victoria Park, St. Vincent, 286
 Victoria, Queen, 83, 139, 226, 266
 Victoria Regia lily, 136
 Victoria, statue of Queen, 170, 175
 Viequez, 400
 Vielle Ville, 271
 Vieux Fort, 268, 276
 Vigie, la, St. Lucia, 269, 271, 272
 Vigie, St. Vincent, 289
 Villa Estate, 293
 Villa Franca, Azores, 33
 Villalobas, M., 425
Ville de Paris, the, 188, 349
 Villanueva, Count de, 390
 Villeneuve, 229, 315
 Villettes, General, 180
 Virgin Gorda, 351, 352, 355
 Virgin Islands, the, **351-355**
 Climate, 353
 Communication, Means of, 354
 Constitution, 354
 Financial Position, 353
 General Aspect, 351
 History, 354
 Industries, 352
 Principal Sights, 355
 Sports, 354
 Virgin, the Black, 232
 Vives, Don F. D., 392
 Vlissingen, 139
 Volcanic eruptions, 5 (*see also* Pelé and Soufrière)
 Volcanoes, mud, 233
 Voyage, the, 31
 Vuelta, Abajo, 381, 396
 Vuelta Arriba, 396

 WAG WATER, 191
 Wages and servants, 10
 Waini River, 144
 Wakenaam, 142
 Wallace Family, the, 307
 Wallibou Estate, 291
 Wallibou River, 281, 291
 Walling's Reservoir, 296, 303
 Walsingham Caves, 70
 Waraputa Catarat, 126
 Waratuk, 146
 Ward, Col., 175
 Ward Theatre, 175
 Warner, Ashton, 302
 Warner, Edward, 296
 Warner, Colonel Thomas, 307
 Warner, Hon. William, 302
 Warner, Sir Thomas, 89, 296, 302, 308, 314, 323, 334
 Warner, Sir T., tomb of, 323
 Warrawarou River, 278
 Warren, plasterer, 111
 Washington, George, 101
 Washington Hotel, 433
 Washington's residence, 101
 Watches, the, 37
 Water Bay, 372
 Waterfalls, Dominica, 346
 Water Street, 136
 Waterworks, Bowmanston, 105
 Watford Island, 56, 63
 Watling's Island, 74, 77
 Watkins, I.S.O., Hon. F. H., 206, 334, 364
 Weather Bureau (U.S.), 4
 Weatherill's, 308
 Webb, Rev. W. T., 107
 Weir, the, 322
 Weir's (Antigua), 307
 Welchman's Hall Gully, 119
 Wells, the, 68
 West, Benjamin, 118
 Westerby, Bishop, 301
 West End, 374
 West Farm, 324
 West India Associations, 459
 West India Committee, the, 107, 169, 285, 341, 458
West India Committee Circular, 459
 West Indian Club, the, 459
 West Indian Produce Association, 459
 West Indies :
 Banks in, 11
 Books on, 49
 British Colonies in, 2
 Climate of, 4
 Expenses in, 10
 Food and beverages in, 6
 Freemasonry in, 47
 Geology, 2
 Health in, 5
 Islands of, 2
 Language, 48
 Laundry in, 49
 Meals, 9
 Money in, 10
 Population, 42

- West Indies—*continued*
 Position and Names, 1
 Religion in, 46
 Roads and Motoring, 12
 Routes to, 13
 Servants and Wages, 10
 Westmacott, Henry, 196
 Westmacott, Sir Richard, 180, 196
 West McKinley, 399
 Westwood Gully, 119
 White's Island, 65
 Wilberforce, William, 43
 Willemstad, 379
William and John, the, 89
 William IV, King, 305, 329
 William Henry, Prince, 305, 329
 Williams, Sir Ralph, 250
 Williamsfield, 165, 194
 Williamson, Sir Adam, 189
 Williamsville, 219
 Willoughby Bay, 294
 Willoughby, Lord, 265, 280
 Willoughby, Lord Francis, 296
 Willoughby of Parham, Lord, 297
 Wilson, Sir David, 151
 Wilton, J., R.A., 189
 Windward Islands, the, 1, 2, 245-
 293
- Windward Passage, the, 380, 408
 Winn, Isaac Lascelles, 197
 Wismar, 143, 146
 Wodehouse, Sir J. H., 60
 Wolferstone, 90
 Wolmer, John, 174, 179
 Wolmer's Schools, 174, 179
 Woodbridge, Dudley, 122
 Woodford, Sir Ralph, 222, 223,
 224
 Woodrow Wilson, President, 431
 Woolward, William, 329
 Wylie, Hugh, 177
- XAYMACA, 159
- YALLAH'S RIVER, 200
 Yaws, 256
 y Casado, Gen. M. M., 403
 Yearwood, Hon. T., 99
 Yumari Valley, 394
 York Rangers' Monument, 103
 Young, W. Douglas, 206, 267, 341
 Young's Island, 287
 y Sanz, Gov. A., 84
- ZEELANDERS, 239

DOLLARS AND STERLING TABLES

DOLLARS TO STERLING (4s. 2d. per Dollar)

STERLING TO DOLLARS (4s. 2d. per Dollar)

\$	STERLING	\$	STERLING	\$	STERLING	\$	STERLING	\$	STERLING	\$	STERLING	\$	STERLING
.01	0 0 0½	11	2 5 10	48	10 0 0	d. 1	0 02	38	40	£ 8	£ 45	216	—
.02	0 0 1	12	2 10 0	49	10 4 2	2	0 04	43	20	9	46	220	80
.03	0 0 1½	13	2 14 2	50	10 8 4	3	0 06	48	—	10	47	225	60
.04	0 0 2	14	2 18 4	51	10 12 6	4	0 08	52	80	11	48	230	40
.05	0 0 2½	15	3 2 6	52	10 16 8	5	0 10	57	60	12	49	235	20
.06	0 0 3	16	3 6 8	53	11 0 10	6	0 12	62	40	13	50	240	—
.07	0 0 3½	17	3 10 10	54	11 5 0	7	0 14	67	20	14	51	244	80
.08	0 0 4	18	3 15 0	55	11 9 2	8	0 16	72	—	15	52	249	60
.09	0 0 4½	19	3 19 2	56	11 13 4	9	0 18	76	80	16	53	254	40
.10	0 0 5	20	4 3 4	57	11 17 6	10	0 20	81	60	17	54	259	20
.15	0 0 7½	22	4 7 6	58	12 1 8	11	0 22	86	40	18	55	264	—
.20	0 0 10	24	4 11 8	59	12 5 10	s. 1	0 24	91	20	19	56	268	80
.25	0 1 0½	23	4 15 10	60	12 10 0	2	0 48	96	—	20	57	273	60
.30	0 1 3	24	5 0 0	61	12 14 2	3	0 72	100	80	21	58	278	40
.35	0 1 5½	25	5 4 2	62	12 18 4	4	0 96	105	60	22	59	283	20
.40	0 1 8	26	5 8 4	63	13 2 6	5	1 20	110	40	23	60	288	—
.45	0 1 10½	27	5 12 6	64	13 6 8	6	1 44	115	20	24	61	292	80
.50	0 2 1	28	5 16 8	65	13 10 10	7	1 68	120	—	25	62	297	60
.55	0 2 3½	29	6 0 10	66	13 15 0	8	1 92	124	40	26	63	302	40
.60	0 2 6	30	6 5 0	67	13 19 2	9	2 16	129	60	27	64	307	20
.65	0 2 8½	31	6 9 2	68	14 3 4	10	2 40	134	40	28	65	312	—
.70	0 2 11	32	6 13 4	69	14 7 6	11	2 64	139	20	29	66	316	80
.75	0 3 1½	33	6 17 6	70	14 11 8	12	2 88	144	—	30	67	321	60
.80	0 3 4	34	7 1 8	71	14 15 10	13	3 12	148	80	31	68	326	40
.85	0 3 6½	35	7 5 10	72	15 0 0	14	3 36	153	60	32	69	331	20
.90	0 3 9	36	7 10 0	73	15 4 2	15	3 60	158	40	33	70	336	—
.95	0 3 11½	37	7 14 2	74	15 8 4	16	3 84	163	20	34	71	340	80
\$ 1	0 4 2	38	7 18 4	75	15 12 6	17	4 08	168	—	35	72	345	60
2	0 4 4	39	8 2 6	76	15 16 8	18	4 32	172	80	36	73	350	40
3	0 12 6	40	8 6 8	77	16 0 10	19	4 56	177	60	37	74	355	20
4	0 16 8	41	8 10 10	78	16 5 0	£ 1	4 80	182	40	38	75	360	—
5	1 0 10	42	8 15 0	79	16 9 2	2	4 60	187	20	39	80	384	—
6	1 5 0	43	8 19 2	80	16 13 4	3	14 40	192	—	40	85	408	—
7	1 9 2	44	9 3 4	85	17 14 2	4	19 20	196	80	41	90	432	—
8	1 13 4	45	9 7 6	90	18 15 0	5	24 24	201	60	42	95	456	—
9	1 17 6	46	9 11 8	95	19 15 10	6	28 80	206	40	43	100	480	—
10	2 1 8	47	9 15 10	100	20 16 8	7	33 60	211	20	44	—	—	—

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

CHICAGO, ILL.

RECEIVED

Very faint, illegible text, possibly bleed-through from the reverse side of the page.

INDEX TO ADVERTISEMENTS

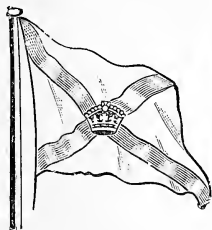
	PAGE
Aitken & Co.	xi
Alexandra College	xxii
Bahamas Chamber of Commerce, The	v
Bank of Nova Scotia, The	viii
Bay Mansion, Barbados	xviii
Bee Hive Store, Jamaica, The	viii
"British West Indies," "The"	xviii
Cherry Lodge, Dominica	xviii
Churcher's College	xxii
City Garage and Stable Co., Barbados, The	xvii
Colonial Bank, The	vi
Curry & Co., R. H.	xxi
Direct West India Cable Co. Ltd., The	xxiv
Elders & Fyffes Ltd.	iii
Fawsley School	xxii
Fletcher & Co. Ltd., George	xiii
Halifax & Bermudas Cable Co. Ltd., The	xxiv
Heywood Ltd., John	viii
Holmedale School	xxii
Jenkinson, Brinsley & Jenkinson	xx
Knight & Co., Barbados	xix
Mandeville Hotel, Jamaica, The	xviii
Marine Hotel, Barbados, The	xvii
McKinnon & Co. Ltd., Wm.	xii
<i>Nassau Guardian, The</i>	xviii
Queen's Park Hotel, Trinidad, The	xvii
Rodger, Norman	xxi
Royal Bank of Canada, The	vii
Royal Dutch West India Mail, The	ii
Royal Mail Steam Packet Co., The	i
Sawyer & Co., R. H.	xix
Smith & Co. Ltd., A. & W.	xiv
Smith Bros. & Co. Ltd.	ix
Southport College	xxii
Stephens Limited	x
Street & Co. Ltd., G.	xxi
Trinidad & Tobago, Permanent Exhibition Committee of	iv
Watson, Laidlaw & Co. Ltd.	xv
West India Committee, The	xxiii
West Indian Produce Association Ltd., The	xvi
"West Indian Tales of Old"	xxi
Yanatas Ltd.	xx

R.M.S.P.

FORTNIGHTLY from
Southampton and Cherbourg

to

West Indies Panama Canal & New York



Via Barbados, Trinidad, Puerto Colombia, Cartagena,
Colon, Jamaica, & New York (for Bermuda).

CANADA—WEST INDIES

Fortnightly Mail and Passenger Service from
ST. JOHN (N.B.) and HALIFAX (N.S.)
(Under Contract with the Govt. of the Dominion of Canada)
to Bermuda, St. Kitts, Antigua, Montserrat, Dominica,
St. Lucia, St. Vincent, Barbados, Grenada, Trinidad,
& Demerara

Frequent Regular Sailings

From Southampton and Cherbourg to SOUTH AMERICA,
via Spain, Portugal, & Atlantic Islands.

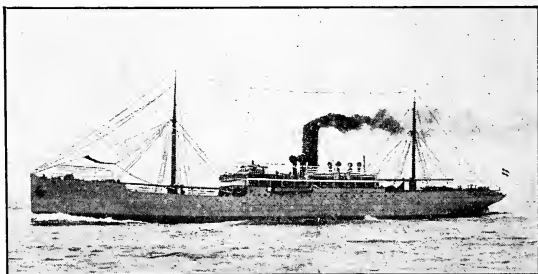
From London to MOROCCO, CANARY ISLANDS, &
MADEIRA, via Gibraltar.

Also to STRAITS, CHINA, and JAPAN (by Shire Line).

For further particulars, apply

The Royal Mail Steam Packet Company
LONDON: 18 MOORGATE STREET, E.C.
and 32 COCKSPUR STREET, S.W.

ROYAL DUTCH WEST INDIA MAIL (Koninklijke West-Indische Maildienst) AMSTERDAM



LINE A.—Fortnightly Service for passengers and freight from AMSTERDAM to SURINAM, DEMERARA, TRINIDAD, various ports of VENEZUELA, CURACAO, various ports of HAYTI, NEW YORK, and same route back to AMSTERDAM via LE HAVRE.

Superior passage accommodation.

LINE B.—Three-weekly Service from AMSTERDAM and ROTTERDAM to BARBADOS, LA GUAIRA, CURACAO, PUERTO COLOMBIA, CARTAGENA and COLON, and back from COLON to CARTAGENA, PUERTO COLOMBIA, CURACAO, PUERTO CABELLO, LA GUAIRA, TRINIDAD, HAVRE and AMSTERDAM.

Cargo steamers till 1915, later on passenger steamers.

LINE C.—Fortnightly Service for passengers and freight from NEW YORK to BARBADOS, TRINIDAD, DEMERARA, SURINAM, and back via TRINIDAD, to NEW YORK.

Superior passage accommodation.

Apply for fares and rates to

HEAD OFFICE AT AMSTERDAM

And to

**ROYAL DUTCH WEST INDIA MAIL,
17 STATE STREET, NEW YORK.**

Elders & Fyffes

LIMITED

Regular Weekly Services of Mail
and Passenger Steamers from

**Bristol, Liverpool, Hamburg and
Rotterdam**

TO

The WEST INDIES

PANAMA

COSTA RICA

and COLOMBIA

Through bookings to Guatemala,
Honduras, Pacific Coast Ports, etc.

All steamers have excellent accommodation for saloon passengers, and the six new Twin-screw Vessels, "Bayano," "Chagres," "Changuinola," "Motagua," "Patia," and "Patuca," are also fitted with wireless telegraphy, electric fans in all rooms, single berth cabins, private bathrooms, staterooms en suite, etc. Each of these steamers also carries a surgeon and stewardess.

For Fares and other particulars apply to :

Elders & Fyffes Ltd.

31 & 32 Bow St., London, W.C.

43 Victoria Street, Liverpool

Garston Docks, Liverpool

Avonmouth Dock, Bristol

Or United Fruit Company

Kingston, Jamaica [Rica

San José & Port Limon, Costa

Santa Marta, Colombia

Colon, Panama

Colonial Bank

INCORPORATED BY ROYAL CHARTER 1836

SUBSCRIBED CAPITAL - £2,000,000

Paid-up, £600,000 Reserve Funds, £150,000

HEAD OFFICE:

16 BISHOPSGATE, LONDON, E.C.

J. K. MORRISON - - - - - Manager
CHARLES H. HEWETT - Assistant Manager and Secretary
W. G. PURDIE - - - - - General Superintendent
Resident in Trinidad

BRANCHES :

ANTIGUA	JAMAICA (KINGSTON)
BARBADOS	Sub-branch (PORT ANTONIO)
BERBICE	Agencies at FALMOUTH
DEMERARA	MONTEGO BAY
DOMINICA	SAVANNA LA MAR
GRENADA (ST. GEORGE'S)	PORT MARIA
Agency at GRENVILLE	ST. THOMAS
ST. KITTS	ST. VINCENT
ST. LUCIA	TRINIDAD (PORT OF SPAIN)
	Sub-branch (SAN FERNANDO)

New York Agency - 82 Wall Street

AGENTS :

CANADA - -	THE BANK OF BRITISH NORTH AMERICA
PARIS - - - -	Messrs. MALLET FRÈRES et CIE
HAMBURG - - -	Messrs. SCHRÖEDER GEBRÜDER & CO.
COPENHAGEN - - - -	THE PRIVATE BANK

The Bank keeps Current Accounts. Receives Money on Fixed Deposit. Sells Drafts and Telegraphic Transfers on London, New York, Paris, the Principal Cities in Canada and other Points. Purchases Approved Bills and does a General Banking Business.

THE ROYAL BANK OF CANADA

Incorporated 1869

Capital Authorised	- - - -	\$25,000,000
Capital Paid up	- - - -	\$11,560,000
Reserve and Undivided Profits		\$13,500,000
Total Assets	- - - -	\$180,000,000

Head Office - MONTREAL

H. S. HOLT, President

E. L. PEASE, Vice-President and General Manager

333 Branches in CANADA,
2 Branches in NEWFOUNDLAND,
6 Branches in BRITISH WEST INDIES,
1 Branch in BRITISH HONDURAS,
2 Branches in BRITISH GUIANA,
23 Branches in CUBA,
3 Branches in PORTO RICO,
2 Branches in DOMINICAN REPUBLIC.

London Office :
Princes Street, E.C.
W. M. Botsford, Manager

New York :
Cor. William & Cedar Sts.
S. H. Voorhees, Agent

Collections in Canada, Newfoundland or West Indies
handled promptly at Lowest Rates

THE BANK OF NOVA SCOTIA

Incorporated 1832

Capital Authorised \$10,000,000 Reserve \$10,863,610
 Capital Paid up \$5,981,150 Total Resources July 31/13 \$78,689,048

Head Office: HALIFAX, N.S.

JOHN Y. PAYZANT, President. H. A. RICHARDSON, General Manager.

Branches throughout Canada, Newfoundland, and principal cities of the United States.

WEST INDIAN BRANCHES

Jamaica—Kingston, Mandeville, Savanna-la-Mar, Black River, Montego Bay, St. Ann's Bay, Port Maria, Port Antonio. **Cuba**—Havana, Cienfuegos. **Porto Rico**—San Juan

A general Banking business done. Particular attention given to Collection and Letter of Credit business

Favourably reviewed by over 100 influential Newspapers

“HOW TO SELECT A LIFE OFFICE”

By G. M. DENT, F.S.S.

Extracts from a few Press Opinions

MORNING POST.—“Mr. G. M. Dent, who is a Fellow of the Royal Statistical Society, has written a valuable pamphlet on Life Assurance, in which all the more important questions connected with the subject are discussed by a firm of merchants and an insurance broker. . . . There are two carefully prepared tables.”

STATIST.—“To those who may contemplate insurance, the expenditure of 1s on this pamphlet will be a judicious outlay.”

FINANCIAL TIMES.—“The elaborate tables are distinctly valuable. Carefully and skilfully compiled.”

LAW JOURNAL.—“A cleverly written dialogue. Both tables are explained with great lucidity.”

PALL MALL GAZETTE.—“Armed with this pamphlet, and blessed with a little common sense, the ordinary man cannot go very far wrong.”

PRICE 1s

BY POST 1s 1d

JOHN HEYWOOD Ltd.

DEANSGATE, MANCHESTER, ENGLAND.

BEE HIVE STORES KINGSTON, JAMAICA

Has a great reputation and is known as one of Jamaica's most beautiful stores. Visitors will find a magnificent assortment of high-class Drapery and Dry Goods at up-to-date prices. Men's, women's, and children's tropical wear in great variety. Modern extensive work rooms on the premises. Special orders executed at a few hours' notice.

Ladies' Retiring Tea Rooms. Soda Fountain, etc.

A Store well worth a visit.

CONSULAT DE BELGIQUE

Smith Bros. & Co.

“THE BONANZA”

Importers of all classes
of Merchandise

Exporters of Cocoa,
Coffee and Hides

AGENTS:

Lancashire Fire and Life Insurance Co.
Royal Marine Insurance Co.

NINE BIG STORES IN ONE

Main Entrance, FREDERICK STREET
Other Entrances on MARINE SQUARE
and CHACON STREET

NOVELTIES, CURIOS AND SOUVENIRS

specially interesting to tourists

MADEIRA HAND EMBROIDERED WORK

IN LADIES' LINGERIE
LADIES' COSTUMES
ART NEEDLEWORK.

LOCAL HAND EMBROIDERED WORK

HAND DRAWN
HANDKERCHIEFS
COLLARS, BODICES, etc.

IRISH HAND EMBROIDERED WORK

GENUINE PANAMA HATS

From \$5 to \$35 each.

TROPICAL CLOTHING
AMERICAN READY-MADES
or SUITS MADE TO MEASURE
ON 12 HOURS' NOTICE.

JAPANESE WORK
TABLE CLOTHS, TABLE
CENTRES, AND
CREPE TEA CLOTHS.

REAL BENARES WARE
Useful and Ornamental.

Smith Bros. & Co.

“THE BONANZA”

FREDERICK ST., MARINE SQUARE & CHACON ST.,
PORT OF SPAIN, TRINIDAD.

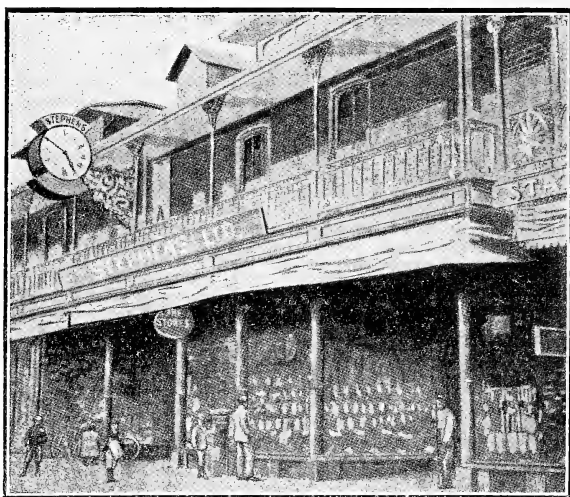
STEPHENS LIMITED

"The Stores," TRINIDAD.

Commercial, Financial, Mining, and

INSURANCE AGENTS

PRODUCE EXPORTERS



THE DEPARTMENT STORES OF TRINIDAD

THE BEST PLACE TO BUY EVERYTHING.

London Agents:

Messrs. LADE & CO.

"Falcon Chambers,"

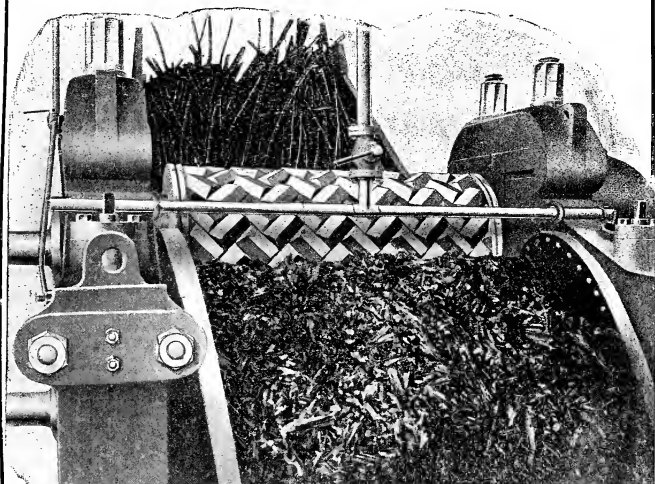
Castle Street, E.C.

AITKEN & CO.

Sugar Machinery Specialists

147 Bath St., GLASGOW

NOTE QUANTITY OF CANES



NOTE QUALITY OF BAGASSE

'Diamond' Patent Rollers

Grind each year
Over 8,000,000 Tons of Canes

Modern Cane Sugar Machinery

M^C KINNON

Established in the 18th Century

FOR ALL CAPACITIES

OUR Plantation Machinery
for Treating Coffee, . . .
Cacao, Sugar, Rice and
Rubber—as well as
OUR ENGINES, BOILERS,
Water Wheels, Pelton Wheels,
etc.,
Still Remain

WE CORDIALLY INVITE

UNSURPASSED

For Efficiency, Durability and
— Workmanship. —

Makers for the Trade for over 50 years.

Don't
be misled.

Apply direct to the original and actual
Manufacturers and you will get satisfaction.

COMPLETE INSTALLATIONS

PLANTERS TO VISIT OUR WORKS

Save Time

Save Money



Works:
Spring Garden,
Aberdeen, Scotland.

CABLES:
"Ampang, Aberdeen."
Codes: ABC 5th Ed, Lieber's

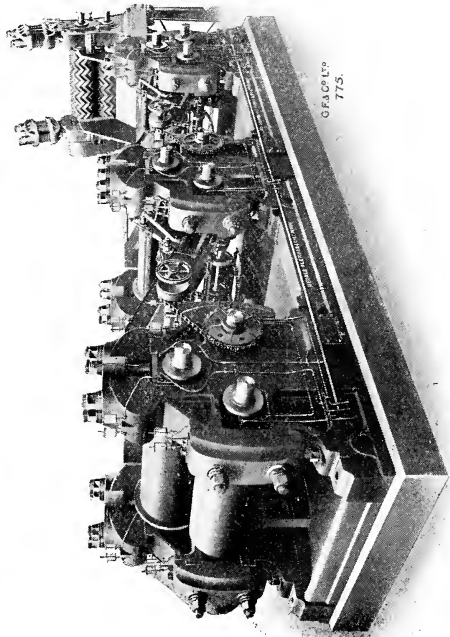
WM, McKINNON & Co. Ltd., Aberdeen, Scotland

**MAKERS OF SUGAR MACHINERY OF EVERY DESCRIPTION
SPECIALISTS IN THE REMODELLING OF EXISTING FACTORIES**

*Eleven Roller
Crushing
Plant*

*Capacity
1200 tons
cane per
24 hours*

*98%
extraction*



*London Office:
21 Mincing
Lane, E.C.*

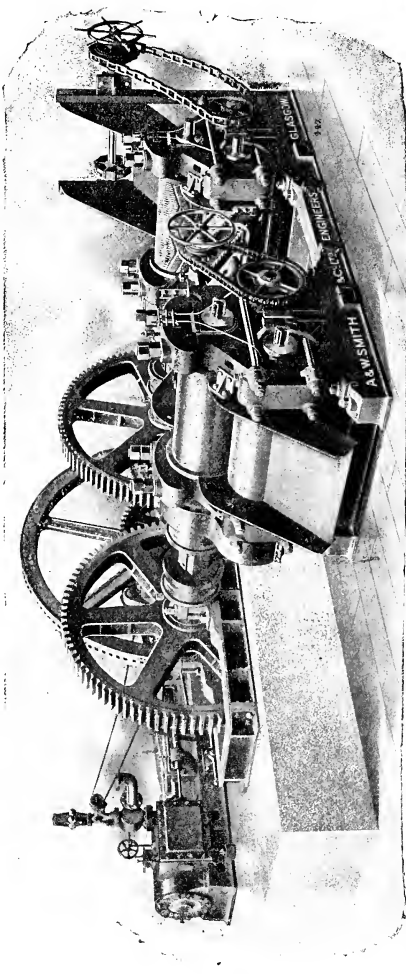
Ø

*Cables:
"Amarilla,
Derby"
"Amarilla,
London"*

*G.F.A.C.P. L^{td}
775.*

**GEORGE FLETCHER & CO. LTD.
DERBY
ENGLAND**

SUGAR CANE MACHINERY OF EVERY DESCRIPTION



A. & W. SMITH & CO. LTD.
EGLINTON ENGINE WORKS, GLASGOW

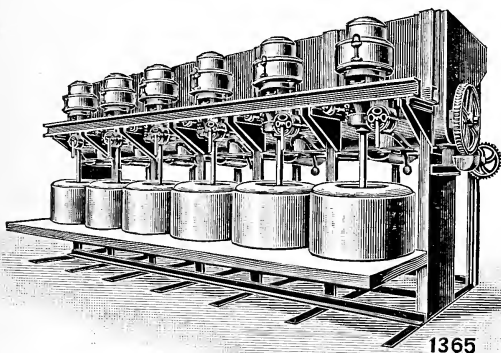
Address Telegrams: "Engine, Glasgow"

Codes { A B C, 4th & 5th Editions
A1, Lieber's, and Western Union

CENTRIFUGALS

FOR

SUGAR FACTORIES



DRIVEN BY
BELTING ELECTRICITY OR WATER

WATSON, LAIDLAW & CO. LD.

98 DUNDAS STREET (SOUTH)

GLASGOW

On Your Return

FROM THE WEST INDIES YOU CAN OBTAIN
All kinds of West Indian Produce

FROM

The WEST INDIAN PRODUCE ASSN. Ltd. AND DAVISON, NEWMAN & CO.

(Late SIR THOS. RAWLINSON, Established 1650)

The Oldest Firm in the World

The original direct importers of West Indian Produce



(RAW AND REFINED)

JAMAICA CIGARS,
RUM, HONEY, SAUCES

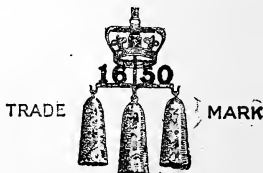
Preserves, Guava Jelly, Pickles, Dried
Turtle, West Indian Liqueurs, Caribee,
Pimento Dram, etc. etc.

WHOLESALE AND RETAIL

The WEST INDIAN
PRODUCE ASSN. Ltd.

14 Creechurch Lane,
London, E.C.

Telephone - 11168 & 1823 Central
Telegrams - - "Wipa, London"



UNDER ROYAL PATRONAGE

Queen's Park Hotel

**The Finest Hotel
In the West Indies**

**Situation Unsurpassed
Magnificent Scenery**

COMMODIOUS RESTAURANT FITTED WITH ALL MODERN IMPROVEMENTS

Electric Light, Plunge, Needle, and Shower
Baths, Bar, Billiards, and BARBER'S SALOON

The Hotel has its own Cellars, where an extensive Stock and great variety
of the CHOICEST WINES and LIQUEURS are kept

CARRIAGES and MOTOR CARS for Hire and in attendance on the
arrival of every Steamer. Baggage attended to by an Employee of the
HOTEL at the CUSTOM HOUSE

Guests Entertained on the European or American Plan, as they
may prefer.

EUROPEAN PLAN: \$2.00 per day and Upwards

AMERICAN PLAN: \$3.00 per day and Upwards

Special Rates for Monthly Boarders

Rooms may be secured by Cable, Letter, or Telephone. All
Communications to be addressed to the Manager, Queen's Park
Hotel, Port-of-Spain, Trinidad, B.W.I.

Cable Address: Hotel, Trinidad

P.O.B. 127

Telephone: 320

MARINE HOTEL

BARBADOS, British West Indies

Largest and Finest Resort Hotel in the Tropics

Facing the ocean. Near Fashionable Promenade and Band.
Arranged on the American Plan. Terms Moderate (daily or weekly
rates). Fine Sea Bathing. Beautiful Drives. Various Sports.
Fine Steamship Services from the Port. Equable Climate.

Pomeroy Hotel Co., Barbados (B.W.I.)

LONDON: 18 Moorgate Street NEW YORK: 56 Hudson Street

BARBADOS

INTENDING VISITORS to this Island are invited to write us their
requirements in advance.

Arrangements can be made to meet passengers arriving by any
steamer, day or night, at the Customs House wharf, and convey
them to any hotel in the Island.

SAVE TROUBLE AND INCONVENIENCE

Mail us your orders, which will have our very best attention.

THE CITY GARAGE & STABLE CO.

per JAS. F. INNIS, Manager.

Prices on application.

Cable Address: "GARSTALL, BARBADOS."

The Mandeville Hotel

MANDEVILLE, JAMAICA

2061 feet above sea level. 60 miles from Kingston.
Climate unsurpassed. Free from Dust & Mesquitoes.
Tennis. Golf. Riding & Motoring.
Beautiful Scenery. Modern Sanitary arrangements.
Running Water. Excellent Cuisine.

CHERRY LODGE BOARDING HOUSE.

New Street, Roseau, Dominica, B.W.I. [Estd. 1892

CENTRAL. Near livery stables. Airy bedrooms and balcony. Spacious shower bath. Noted for diligent service. Cleanliness throughout and exceptionally good cookery. Terms, 8/4 per day, inclusive. Reduction for long periods. Miss ALICE JOLLY, Proprietress.

BAY MANSION BRIDGETOWN, BARBADOS

Private Boarding House Terms 6s per day
(inclusive). Special Terms for Families, or a
longer stay, on application. Bath, Gas

Telephone: 469

Mrs. F. D. SKINNER

THE BRITISH WEST INDIES THEIR HISTORY, RESOURCES AND PROGRESS

By ALGERNON E. ASPINALL

London: SIR ISAAC PITMAN & SONS LTD.

NEWSPAPERS

"The Nassau Guardian"

ESTABLISHED 1844.

NASSAU, BAHAMAS.

Printers, Publishers, Booksellers.

Guide Books to the Bahamas. Views and Postcards and
all information supplied to tourists and intending settlers.

The
**Kodak Agency
at Barbados**

Tourists through the West Indies have been frequently inconvenienced in the past by the difficulty of obtaining, during the voyage, a supply of **Kodak**

Films and other material for picture taking. The **Eastman Kodak Co.** have now remedied this by placing their representative agency in the hands of **Messrs. Knight & Co.,** the well-known **Chemists at BARBADOS,** and this being the first port of call from Europe, visitors are enabled not only to replenish their stock of Films and other material, but can also have the **developing and printing of their Kodak pictures done promptly and with care and skill at a moderate charge. Lantern slides made.**

Here you can also get a fine lot of **Picture Post Cards,** said to be the most complete collection of views in the Island. Also **Souvenirs of Barbados in Shells and Enamelled Silver Jewellery.**

KNIGHT & CO., Chemists, BARBADOS

(Sole Agents for Eastman Kodak Co.)

R. H. SAWYER & C^o

NASSAU, N.P.

BAHAMAS.

Commission and Steamship Agents.

REPRESENTATIVES OF

New York & Cuba Mail Steamship Company.
Peninsular & Occidental Steamship Company.
Hamburg American Line.
White Star Line.

REAL ESTATE BOUGHT AND SOLD

A descriptive Booklet of Nassau giving list of houses for rent, hotels, boarding houses, post free on application.

ESTABLISHED OVER 100 YEARS

=====*Jenkinson*=====

Brinsley & Jenkinson

Chartered Surveyors and Auctioneers

Land Agents for English, Colonial and West Indian Estates. ∅ Valuers for Probate and Estate Duty, Mortgage, Partition, etc. ∅ Expert Estate Management. ∅ Insurances of all kinds effected with the Best Offices. ∅ Lists of properties for sale or to let on application. ∅ Please state requirements.

Offices :

15 New Bridge Street, Ludgate Circus,

Telegrams : " Bridging, London."

Telephone : City 4538.

London, E.C.

CROSSING THE OCEAN

MAL-DE-MER

A Royal Testimonial



" NEUES PALAIS.

"H.I.M. the Tzarina of Russia, H.I.H. the Grand Duchess Serge of Russia, and H.R.H. Princess Henry of Prussia, have found 'YANATAS' a perfect remedy for Sea sickness."

YANATAS

The recognised remedy for mal-de-mer throughout the world. Obtainable at all chemists, or

direct post paid 3/- from Mr. STARKIE, Chemist, Grand Hotel Buildings, London, W.C. *Sole Proprietors :*

YANATAS Ltd., 3 Arundel Street, London

N.B.—The late Mr. Labouchere in *Truth* stated: "The only remedy is my trusty 'YANATAS'."

IT ABSOLUTELY PREVENTS SEA-SICKNESS

**CANE SUGAR
MANUFACTURERS**
and everyone interested
in the

Production of Sugar

should not fail to apply
to

NORMAN RODGER

Technical Publisher,
St. Dunstan's Hill,
LONDON, E.C.

for Lists of his Books on
Sugar Production
in all its branches.

WEST INDIAN TALES OF OLD

BY
ALGERNON E. ASPINALL

44 Illustrations

Price = net 5/-

Post free = = 5/4

London : Duckworth & Co.

Copies of the above are
obtainable at The West
India Committee Rooms,
15 SEETHING LANE,
LONDON, E.C.

G. Street & Co. Ltd.

Advertising Agents 30 CORNHILL, E.C.
8 SERLE STREET, W.C. LONDON

The firm has been established over 70 years
and has among its clients some of the most sub-
stantial houses in the British Isles . . .

R. H. CURRY & CO. **NASSAU, BAHAMAS.**

Agencies :

LLOYD'S.

NATIONAL BOARD OF MARINE UNDERWRITERS.

COMMERCIAL AGENT FOR CANADA.

REAL ESTATE.

CHURCHER'S COLLEGE, PETERSFIELD,

Hants, England.

Chairman of the Governing Body: The Right Hon. The EARL of SELBORNE
**EDUCATIONAL FACILITIES FOR CHILDREN
 OF COLONIAL AND BRITISH PARENTS**

Terms on Application to Rev. W. HENRY BOND, M.A., Headmaster.

ALEXANDRA COLLEGE

Shirley, Southampton, England.

Estd. 1863

Principals: MISS BARNES and MISS MAYOSS

Assisted by Certificated and Fully Qualified Staff. Large house and garden. Separate class rooms. Thorough modern education. Preparation for Local University Examinations. Good play-grounds and game-fields attached. Hockey, tennis, croquet, etc. **Fees (inclusive of music)—Boarders from 10 guineas per term.** Prospectus and Annual Report on application. **COLONIAL CHILDREN receive special care and attention.**

FAWSLEY, 61 Earl's Avenue, Folkestone, Eng.

THIS HIGH-CLASS SCHOOL for girls provides a modern education on broad lines, combined with individual care and training. The house stands in an open and sunny position in the best part of Folkestone, overlooking the Sea and Downs; the rooms are airy and comfortable, and there is a large garden and Tennis Court. Entire charge is taken of children whose parents are abroad, and they can enter at any time if there are vacancies. Arrangements can also be made for short courses of study, elementary or advanced, for children of visitors to Folkestone. The School is a Cadet Detachment of the British Red Cross Society, and full instruction is given in First Aid, Home Nursing, Flag Signalling, Cooking, etc. **Principal: MISS MOUNTFIELD.**

Holmedale, The Avenue, Upper Norwood, London, S.E., Eng.

FINISHING HOME SCHOOL FOR DAUGHTERS OF GENTLEMEN

Principal: MISS HENKEL. Staff of qualified resident English and Foreign Governesses and Visiting Professors. **Aim**—To prepare young ladies to take their place in Society under conditions less irksome than ordinary school discipline. **Specialities**—Languages, Music, Art, Weekly Lectures on European History and Literature, Hygiene, Domestic Economy, Sports. **Terms from £135 per year.**

Entire charge of pupils whose parents are abroad.

SOUTHPORT PHYSICAL TRAINING COLLEGE ENGLAND

President—Lord CHARLES BERESFORD, K.C.B., M.P.

Principals—A. ALEXANDER, F.R.G.S., and Mrs. ALEXANDER

The Staff consists of Medical Lecturers and experienced Teachers in every branch of Physical Training, including a Swedish Mistress from the Royal Gymnastic Institute, Stockholm. Educated women are trained as Scientific Teachers of Physical Education. The Course includes:—British and Swedish Educational and Medical Gymnastics, Massage, Dancing, Swimming, Outdoor Games, etc. Diplomas and Gold Medals awarded to successful students.

HEALTH STUDENTS.—Ladies who do not desire to adopt Physical Training as a profession are received as Health Students. Special courses of Beneficial Exercises are arranged for them, and any of the subjects included in the College Course are optional. Finishing Lessons can also be arranged for in Educational Subjects. The College is beautifully situated on the Coast, twenty miles from Liverpool. References permitted to Lord Kinnaird, Rt. Hon. Viscount Gladstone, the Hon. & Rev. E. Lyttelton, D.D. Further particulars from the **SECRETARY.**

The West India Committee

(Established 1750. Incorporated by Royal Charter.)

President

SIR NEVILLE LUBBOCK, K.C.M.G.

Vice-President

THE RIGHT HON. THE EARL OF HAREWOOD, K.C.V.O.

Chairman

WILLIAM MIDDLETON CAMPBELL

Deputy-Chairman

ROBERT RUTHERFORD

Treasurers

R. RUTHERFORD

CYRIL GURNEY

E. A. DE PASS

Executive Committee

THE CHAIRMAN
THE DEPUTY-CHAIRMAN
THE TREASURERS
ALSTON, G. R.
ALTY, W. H.
CAMPBELL, C. ALGERNON
CARRINGTON, GEORGE
DAVSON, E. R.
DAVSON, IVAN B.
EWING, HUMPHRY CRUM
FAWCETT, W., B.Sc.
GILLESPIE, W.
HALES, CHARLES

HOARE, OLIVER V. G.
LUBBOCK, ARTHUR N.
MALCOLMSON, NORMAN
MARSHALL, E. L.
McCONNELL, A. F.
MITCHELL-THOMSON, W., M.P.
MOODY-STUART, G.
PARKER, C. SANDBACH
PHILIPPS, SIR OWEN, K.C.M.G.
PREVITÉ, H. F.
SHEPHEARD, W. P. B.
TINNE, J. E.
TROTTER, H. A.

The West India Committee is an Incorporated Association of planters, merchants, and others interested in the British West Indies, British Guiana, and British Honduras, whose object is, by united action, to promote the interests of the Industries and trade, and thus increase the general welfare of those colonies.

There is no entrance fee; the minimum subscription is £1 1s per annum; and **The West India Committee Circular** is posted to members fortnightly *free of charge*. The qualifying subscription for the Executive is £5 5s per annum.

The West India Committee Circular contains a Review of the Work of the West India Committee; Notes on West Indian Affairs; Statistics as to Cacao, Sugar, Rum, Molasses, Cattle Foods, "Molascuit," Coffee, Cotton, Oil, Rubber, Nutmegs, Mace, Pimento, Ginger, Arrowroot, Lime Juice, etc.; Births, Marriages, and Deaths; Home Arrivals and Departures by the Mail Steamers, etc.

Lectures on matters of interest in connection with the West Indies are delivered periodically.

The West India Committee Rooms are conveniently situated upon the first floor of 15 Seething Lane, London, E.C., next to Mark Lane Station (Metropolitan and District Electric Railways), and form a useful rendezvous.

Bankers

THE UNION OF LONDON AND SMITHS BANK LTD.

Secretary

ALGERNON E. ASPINALL, B.A., Barrister-at-Law

Offices

THE WEST INDIA COMMITTEE ROOMS,
15 SEETHING LANE, LONDON, E.C.



WEST INDIAN TELEGRAMS

Telegrams to all Offices:
"QUIESCENT."

25 MINUTES FROM LONDON TO JAMAICA.

Telegrams should always be addressed in the following manner. "Via Bermuda" is not charged for.

"JONES, LONDON, VIA BERMUDA." "SMITH, JAMAICA, VIA BERMUDA." "ROBINSON, BARBADOS, VIA BERMUDA"

Plain language, Deferred Messages at Half Rates.

Before going away Tourists may call at the above Companies' Offices and register their names and addresses so that special arrangements for telegraphing in code, and having the message decoded and delivered to their friends in plain language, may be made.

Social and Business Codes are available at all the Companies' Stations free of charge.

Wireless Station at BOWDEN, JAMAICA.

EXAMPLE OF A CODE MESSAGE FROM JAMAICA, ETC.

"QUIESCENT, LONDON,
Via Bermuda.

Ecboladis opacent Smith."

(5 words at 3s=15s)

MESSAGE AS DECODED.

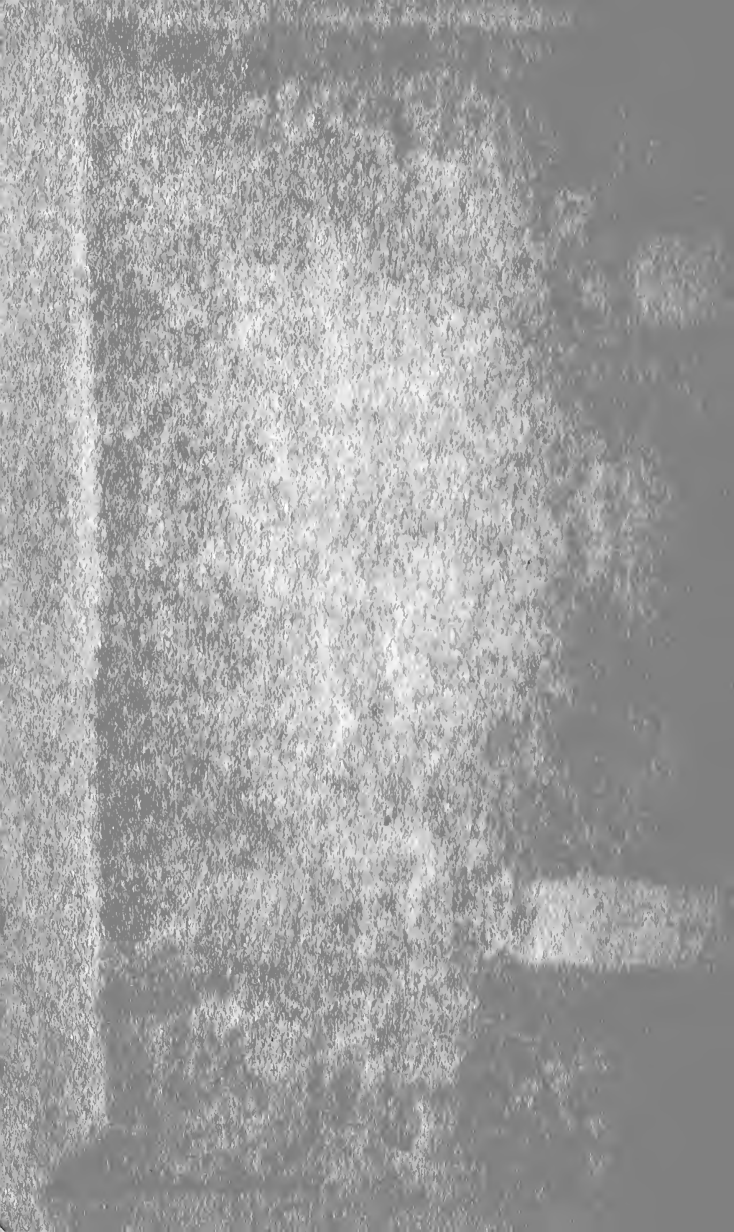
"DIRECT WEST INDIA CABLE
COMPANY, LTD.
33 Old Broad Street, London, E.C.

Send letters until further instructions to Poste Restante. Intend to sail by next vessel of Royal Mail Steam Packet Co., 18 Moorgate Street, London, E.C.

SMITH."

(38 words at 3s=£5 14s)





LIBRARY OF CONGRESS



0 015 816 358 5