

Field collections

Rainy season
98 *B. senegalensis* and
6 *B. umblicatus*

Dry season
5 *B. senegalensis* and
24 *B. umblicatus*

Immersion in water

Positive cercarial shedding test
B. senegalensis (28/98) and
B. umblicatus (3/6)

Positive Dra1 PCR
B. senegalensis (32/98)
and
B. umblicatus (5/6)

Positive RD Schistosoma PCR
B. senegalensis (16/98) and
B. umblicatus (3/6)

Viable more than 24h
B. senegalensis (5/5) and *B. umblicatus* (7/24)

Survived less than 24h
B. umblicatus (7/24)

Dead: no sign of life
B. umblicatus (10/24)

Negative to cercarial shedding test and PCR tests

Figure S1. Description of the procedure used to collect molluscs during the dry and rainy seasons, to assess their viability and their infestation by *S. haematobium*.