Table 2 The fluorescence parameters of *F. tikoua* Bur. and *A. philoxeroides* leaves

|  |  |  |  |
| --- | --- | --- | --- |
| Time | Parameter | *F. tikoua* Bur. | *A. philoxeroides* |
| Oct.16th | F0 | 252.87±2.60 aA | 211.32±1.74 bA |
| Fm | 1318.64±83.09 aA | 1275.75±44.33 aA |
| Fv/Fm | 0.81±0.01 bA | 0.83±0.01 aA |
| Fv/F0 | 4.21±1.24 bA | 5.04±1.56 aA |
| ΦPSII | 0.36±0.03 aA | 0.28±0.02 bA |
| ETR(µmolm⁻² s⁻¹) | 151.99±10.55 aA | 117.82±7.95 bA |
| NPQ | 1.56±0.11 aA | 1.38±1.78 bA |
| Fv'/Fm' | 0.62±0.01 bA | 0.71±0.03 aA |
| qP | 0.58±0.04 aA | 0.53±0.17 aA |
| [Y(NO)] | 0.25±0.01bA | 0.31±0.00aA |
| [Y(NPQ)] | 0.37±0.01aA | 0.40±0.04aA |
| Oct.30th | F0 | 243.12±11.72 aA | 166.01±48.07 bA |
| Fm | 1251.25±117.48 aA | 1090.54±5.28 aA |
| Fv/Fm | 0.81±0.01 bA | 0.84±0.01 aA |
| Fv/F0 | 4.15±1.25 bA | 5.57 ±1.22 aA |
| ΦPSII | 0.41±0.01 aA | 0.25±0.02 bA |
| ETR(µmolm⁻² s⁻¹) | 166.50±4.43 aA | 106.10±6.83 bA |
| NPQ | 1.79±0.25 aA | 1.54±0.26 bA |
| Fv'/Fm' | 0.63±0.00 bA | 0.68±0.00 aA |
| qP | 0.62±0.01 aA | 0.60±0.07 aA |
| [Y(NO)] | 0.21±0.02bA | 0.30±0.00aA |
| [Y(NPQ)] | 0.38±0.01aA | 0.31±0.03aA |