

Table 3 Periphyton biomass (mg/cm²) (mean ± SD) on different substrates

| Day | Bamboo | Ambay | Leucaena |
|--------------|------------------------|-------------------------|------------------------|
| Experiment 1 | | | |
| 15 | 0.54±0.09 ^a | 0.47±0.02 ^a | 0.41±0.04 ^b |
| 30 | 1.02±0.16 ^b | 0.89±0.13 ^a | 0.84±0.08 ^a |
| 45 | 1.80±0.12 ^b | 1.49±0.11 ^a | 1.36±0.14 ^a |
| Mean | 1.12± 0.16 | 0.95±0.13 | 0.87±0.11 |
| Experiment 2 | | | |
| 15 | 0.55±0.13 ^a | 0.45±0.098 ^a | 0.41±0.04 ^a |
| 30 | 0.98±0.14 ^a | 0.76±0.07 ^a | 0.62±0.11 ^b |
| 45 | 1.06±0.38 ^a | 0.99±0.14 ^b | 0.86±0.17 ^b |
| 60 | 1.14±0.45 ^a | 1.02±0.32 ^a | 1.18±0.19 ^a |
| 75 | 1.40±0.37 | 1.80±0.68 ^a | 1.04±0.25 ^a |
| 90 | 1.86±0.46 ^a | 1.63±0.24 ^a | 1.54±0.42 ^a |
| 105 | 2.92±0.68 ^b | 1.74±0.21 ^a | 1.02±0.35 ^a |
| 120 | 1.53±0.49 ^a | 1.37±0.32 ^a | 1.17±0.26 ^a |
| Mean | 1.43± 0.22 | 1.22 ± 0.14 | 0.98± 0.16 |

Note: Values with the same superscript in each row are not statistically different (P> 0.05)