Photosynthetic acclimation to warming in tropical forest tree seedlings
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Supplementary data

Table S1. Leaf chemical and morphological traits (means ± standard errors) of three tropical tree species grown at three different temperature regimes (T\textsubscript{Growth}).

| Species          | T\textsubscript{Growth} °C | N mg g\textsuperscript{-1} | N\textsubscript{Area} g m\textsuperscript{-2} | C mg g\textsuperscript{-1} | C\textsubscript{Area} g m\textsuperscript{-2} | C : N ratio | LMA g m\textsuperscript{-2} |
|------------------|-----------------------------|-----------------------------|---------------------------------------------|-----------------------------|---------------------------------------------|-------------|-----------------------------|
| *Ficus insipida* | 25                          | 29.2 ± 1.1                  | 1.64 ± 0.13                                | 392 ± 2                     | 21.6 ± 0.9                                  | 13.5 ± 0.5  | 55.2 ± 2.3                 |
|                  | 30                          | 29.8 ± 1.4                  | 1.34 ± 0.08                                | 395 ± 2                     | 18.5 ± 0.6                                  | 13.4 ± 0.6  | 47.1 ± 1.4                 |
|                  | 35                          | 21.1 ± 2.1                  | 0.95 ± 0.07                                | 392 ± 3                     | 16.8 ± 0.8                                  | 19.0 ± 1.8  | 42.9 ± 2.4                 |
| *Ochroma pyramidale* | 25                       | 21.0 ± 3.2                  | 1.41 ± 0.30                                | 424 ± 4                     | 23.2 ± 0.6                                  | 21.8 ± 2.7  | 54.0 ± 1.1                 |
|                  | 30                          | 25.9 ± 2.3                  | 1.24 ± 0.08                                | 431 ± 3                     | 21.1 ± 1.0                                  | 17.4 ± 1.6  | 48.9 ± 2.2                 |
|                  | 35                          | 34.3 ± 3.7                  | 1.35 ± 0.11                                | 415 ± 2                     | 16.6 ± 1.0                                  | 12.7 ± 1.7  | 40.0 ± 2.5                 |
| *Calophyllum longifolium* | 25                       | 12.6 ± 0.9                  | 1.66 ± 0.14                                | 461 ± 2                     | 61.3 ± 4.2                                  | 37.3 ± 2.7  | 133.2 ± 9.5                |
|                  | 30                          | 16.8 ± 1.1                  | 2.00 ± 0.16                                | 465 ± 2                     | 55.4 ± 1.7                                  | 28.1 ± 1.6  | 119.1 ± 3.4                |
|                  | 33                          | 14.6 ± 0.8                  | 1.55 ± 0.08                                | 461 ± 3                     | 48.0 ± 3.8                                  | 31.8 ± 1.8  | 103.3 ± 7.7                |

Shown are leaf nitrogen (N) and carbon (C) content on a leaf mass basis and on an area basis (subscript “Area”), their ratio (C : N ratio) and the leaf mass per unit leaf area (LMA). Values are means ± standard errors (n=4–7).