

Erratum

Erratum to “Development of Allometric Equations for Estimating Above-Ground Liana Biomass in Tropical Primary and Secondary Forests, Malaysia”

Patrick Addo-Fordjour^{1,2} and Zakaria B. Rahmad¹

¹ *School of Biological Sciences, University of Science Malaysia, 11800 Pulau Penang, Penang, Malaysia*

² *Department of Theoretical and Applied Biology, College of Science, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana*

Correspondence should be addressed to Patrick Addo-Fordjour; paddykay77@yahoo.com

Received 19 June 2013; Accepted 12 August 2013

Copyright © 2013 P. Addo-Fordjour and Z. B. Rahmad. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

In Table 4 values of $\beta(\pm SE)$ are modified from 0.394 ± 0.010 to 0.394 ± 0.202 in the 3rd row and from 0.431 ± 0.062 to 0.431 ± 0.423 in the 7th row.

In Table 5 values of $\beta(\pm SE)$ are modified from 0.450 ± 0.010 to 0.450 ± 0.223 in the 3rd row and from 0.452 ± 0.044 to 0.452 ± 0.551 in the 7th row.

TABLE 4: Allometric equations of mixed species for estimating liana stem biomass (kg).

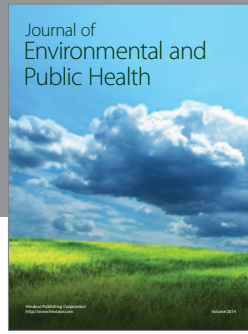
| # | Equation | c (\pm SE) | α (\pm SE) | β (\pm SE) | R^2 (adjusted) | FI |
|---|---|--------------------|----------------------|---------------------|------------------|------|
| 1 | Stem biomass = $c + \alpha D$ | 0.154 ± 0.078 | 1.731 ± 0.028 | — | 0.989 | 0.58 |
| 2 | Stem biomass = $c + \alpha L$ | 2.550 ± 0.189 | 0.416 ± 0.010 | — | 0.896 | 1.70 |
| 3 | Stem biomass = $c + \alpha D + \beta L$ | 0.474 ± 0.258 | 0.452 ± 0.037 | 0.394 ± 0.202 | 0.976 | 0.84 |
| 4 | (Stem biomass) ^{0.9} = $c + \alpha D$ | 0.782 ± 0.098 | 1.210 ± 0.015 | — | 0.990 | 0.53 |
| 5 | Stem biomass = $c + \alpha D^2$ | 0.144 ± 0.089 | 0.349 ± 0.005 | — | 0.861 | 2.63 |
| 6 | Log_{10} (Stem biomass) = $c + \alpha(\text{log}_{10} D)$ | 0.396 ± 0.0033 | 1.086 ± 0.042 | — | 0.981 | 0.18 |
| 7 | Log_{10} (Stem biomass) = $c + \alpha(\text{log}_{10} D) + \beta(\text{log}_{10} L)$ | 0.165 ± 0.002 | 0.432 ± 0.063 | 0.431 ± 0.423 | 0.954 | 0.47 |

#: equation number; D : liana diameter; L : liana length.

TABLE 5: Allometric equations of mixed species for estimating total above-ground biomass (kg) of lianas.

| # | Equation | c (\pm SE) | α (\pm SE) | β (\pm SE) | R^2 (adjusted) | FI |
|----|--|-------------------|----------------------|---------------------|------------------|------|
| 8 | Total biomass = $c + \alpha D$ | 0.262 ± 0.181 | 1.934 ± 0.029 | — | 0.992 | 0.58 |
| 9 | Total biomass = $c + \alpha L$ | 3.120 ± 0.413 | 0.476 ± 0.021 | — | 0.900 | 1.92 |
| 10 | Total biomass = $c + \alpha D + \beta L$ | 0.768 ± 0.280 | 0.511 ± 0.040 | 0.450 ± 0.223 | 0.987 | 0.89 |
| 11 | (Total biomass) ^{0.9} = $c + \alpha D$ | 1.041 ± 0.096 | 1.354 ± 0.015 | — | 0.993 | 0.53 |
| 12 | Total biomass = $c + \alpha D^2$ | 0.194 ± 0.041 | 0.405 ± 0.007 | — | 0.904 | 2.41 |
| 13 | Log_{10} (Total biomass) = $c + \alpha(\text{log}_{10} D)$ | 0.490 ± 0.021 | 1.090 ± 0.027 | — | 0.986 | 0.22 |
| 14 | Log_{10} (Total biomass) = $c + \alpha(\text{log}_{10} D) + \beta(\text{log}_{10} L)$ | 0.275 ± 0.021 | 0.470 ± 0.066 | 0.452 ± 0.551 | 0.960 | 0.49 |

#: equation number; D : liana diameter; L : liana length.



Hindawi

Submit your manuscripts at
<http://www.hindawi.com>

