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An improved heat pulse method to measure low and reverse rates of sap flow in woody plants

STEPHEN S. O. BURGESS,^{1,5} MARK A. ADAMS,¹ NEIL C. TURNER,² CRAIG R. BEVERLY,³ CHIN K. ONG,⁴ AHMED A. H. KHAN⁴ and TIM M. BLEBY¹

¹ Department of Botany, University of Western Australia, Nedlands, WA, 6907, Australia

² CSIRO Plant Industry, Private Bag No. 5, Wembley, WA 6913, Australia

³ Agriculture Victoria, DNRE Chiltern Valley Road, Rutherglen, VIC, 3685, Australia

⁴ International Centre for Research in Agroforestry (ICRAF), PO Box 30677, Nairobi, Kenya

⁵ Present address: Department of Integrative Biology, University of California, Berkeley, CA, 94720-3140, USA

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In the above paper, Equation 4 should have terminated with the multiplier 3600, ρ_b in Equation 7 should have been defined as the basic density of wood, ρ in Equation 8 should have been defined as the density of green (fresh) wood, and the multiplier in Equation 10 should have been 0.04182. Corrected versions of Equations 1, 7, 8 and 10 appear below. Corrections have been made to the online version of this paper at <http://heronpublishing.com/tree/files/domain/data/vol21/21-589.pdf> and a footnote, referencing this correction, has been added.

Equation 4 should have appeared as follows:

$$V_h = \frac{4kt \ln(v_1/v_2) - (x_2^2) + (x_1^2)}{2t(x_1 - x_2)} 3600.$$

Equation 7 and the text after it, should have appeared as follows:

$$V_s = \frac{V_c \rho_b (c_w + m_c c_s)}{\rho_s c_s},$$

where ρ_b is the basic density of wood (dry weight/green volume).

Equation 8 and the text after it, should have appeared as follows:

$$k = \frac{K_{gw}}{\rho c} 10000,$$

where K_{gw} is thermal conductivity, ρ is density (kg m^{-3}) and c is specific heat capacity of green (fresh) wood.

Equation 10 should have appeared as follows:

$$K_w = 0.04182(21.0 - 20.0 F_v).$$

A six-year study of sapling and large-tree growth and mortality responses to natural and induced variability in precipitation and throughfall

PAUL J. HANSON, DONALD E. TODD, JR. and JEFFREY S. AMTHOR

Environmental Sciences Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831-6422, USA

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In the above paper, parentheses were omitted from the denominator in Equation 1. A correction has been made to the online version of this paper at <http://heronpublishing.com/tree/files/domain/data/vol21/21-345.pdf> and a footnote, referencing this correction, has been added.

Equation 1 should have appeared as follows:

$$BA_{\text{growth}} = \exp(c)(DOY - S)^a (E - DOY)^b \\ ((WP_{\text{min}} - SWP) / WP_{\text{min}}).$$

Estimation of conduit taper for the hydraulic resistance model of West et al.

PETER BECKER¹ and RONALD J. GRIBBEN²

¹ *P.O. Box 367, Bunker, MO 63629, USA*

² *6 Locksley Court, Cumbernauld, Scotland G67 4BN, U.K.*

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In the above paper, on page 698, the text following Equation 6b should have read as follows:

where $\log(a_k)$ is linearly related to $\log[1 + (n^b - 1)L_k/l_N]$ with slope $\bar{a}/2b$. Unfortunately, alternative versions of Equation 6, based on L_k^* , require knowledge of l_0 or N , both of which would usually be impossible to determine in old trees.

Equation 9 should have appeared as follows:

$$\bar{a} = 2 \log(a_p/a_q) / [\log(n)(L_{pq}/l - 1)], \quad b = 0.$$

Corrections have been made to the online version of this paper at <http://heronpublishing.com/tree/files/domain/data/vol21/21-345.pdf> and a footnote, referencing this correction, has been added.