

Supplementary Materials

Table S1. Comparison of published equations. Z (or t) values represent differences in slope (b) from that of the associated phylogenetic equation, and include p -values. Those differences that are significant at the 0.05 threshold are marked as *.

	t value (p)
<i>Alnus</i>	
Conolly & Grigal (1983)	5.03 (<0.01) *
Berner et al. (2014)	4.01 (<0.01) *
<i>Salix spp.</i>	
Conolly & Grigal (1983)	1.46 (0.15)
Berner et al. (2014)	2.56 (0.01) *
Brand & Smith. (1985)	2.55 (0.01) *
<i>Betula spp.</i>	
Conolly & Grigal (1983)	4.06 (<0.01) *
Berner et al. (2014)	5.41 (<0.01) *