CORRIGENDUM

New Zealand Journal of Forestry Science 29(2): 263–273

MONTHLY DIAMETER AND HEIGHT GROWTH OF YOUNG *EUCALYPTUS FASTIGATA*, *E. REGNANS*, AND *E. SALIGNA*

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Unfortunately, the Appendix was omitted from this paper when it was published. It is presented here.

APPENDIX

DERIVATION OF SEASONAL GROWTH FUNCTION

The function g(p) is a polynomial of order k+3, where k is some integer greater than or equal to one. It can therefore be written as,

$$g(p) = c_0 + c_1 p + c_2 p^2 + c_3 p^3 + \sum_{i=1}^{k} a_i p^{i+3}$$

To achieve a smooth transition between years, the following constraints are applied,

(1) $g(0) = g(1) \Rightarrow c_1 = -c_2 - c_3 - \sum_{i=1}^{k} a_i$

(2) $g'(0) = g'(1) \Rightarrow c_2 = -{}^3/_2\, c_3 - {}^1/_2 \sum_{i=1}^{k} (i+3) a_i$

(3) $g''(0) = g''(1) \Rightarrow c_3 = -{}^1/_6 \sum_{i=1}^{k} (i+3)(i+2) a_i$

from (2) and (3),

$$c_2 = {}^3/_{12} \sum_{i=1}^{k} (i+3)(i+2) a_i - {}^1/_2 \sum_{i=1}^{k} (i+3) a_i = {}^1/_4 \sum_{i=1}^{k} a_i i\,(i+3)$$

which together with (1) gives,

$$c_1 = -{}^1/_4 \sum_{i=1}^{k} i\,(i+3) a_i + {}^1/_6 \sum_{i=1}^{k} (i+3)(i+2) a_i - \sum_{i=1}^{k} a_i = -{}^1/_{12} \sum_{i=1}^{k} a_i i\,(i-1)$$

thus, $$g(p) = c_0 - {}^1/_{12} \sum_{i=1}^{k} a_i i\,(i-1) p + {}^1/_4 \sum_{i=1}^{k} a_i i\,(i+3) p^2 - {}^1/_6 \sum_{i=1}^{k} a_i\,(i+3)(i+2) p^3 + \sum_{i=1}^{k} a_i p^{(i+3)}$$

$$= c_0 + \sum_{i=1}^{k} (-{}^1/_{12}\, i\,(i-1) p + {}^1/_4\, i\,(i+3) p^2 - {}^1/_6\,(i+3)(i+2) p^3 + p^{i+3}) a_i$$