



# Correction: A model of coppice biomass recovery for mallee-form eucalypts

Kim Brooksbank<sup>1</sup> · Adrian Goodwin<sup>2</sup>

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**Correction to: New Forests (2022) 53:449–468**  
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Some data presented in Table 5 in the original publication are incorrect, and the authors would like to replace Table 5 with the correct version below:

**Table 5** Parameter estimates (with standard errors) for shoot biomass Eq. 4

$b_0$				$b_1$				$R^2$ -adj.
$\beta_{01}$ poly uncut	$\beta_{02} + \text{koc}$	$\beta_{03} + \text{lox}$	$\beta_{04} + \text{cut}$	$\beta_{11}$ poly uncut	$\beta_{12} + \text{koc}$	$\beta_{13} + \text{lox}$	$\beta_{14} + \text{cop}$	
0.1078 (0.01591)	N/S	N/S	N/S	1.2173 (0.0350)	0.1870 (0.0356)	N/S	N/S	0.883

The parameter error also flows through to the worked example at the end of the results section. We would like to replace the worked example with the corrected version below.

The author would like to apologise for any inconvenience caused.

Part 1: Uncut component biomasses at age 5.

- $m_{cut} = d_{cut}/A_{cut} = 7.5/5 = 1.5 \text{ cm/yr}$
- Uncut  $R_4/T_4 = U_{cut} = 0.3116/\sqrt{m_{cut}} = 0.254 \text{ Eq. (2)}$
- $S = 0.1078g^{1.2173} = 0.1078 * \left[ \frac{\pi}{4} * 7.5^2 \right]^{1.2173} = 10.851 \text{ kg Eq. (4)}$
- $T_4 = \frac{S}{1-R_4/T_4} = \frac{10.854}{1-0.254} = 14.554 \text{ kg}$

The original article can be found online at <https://doi.org/10.1007/s11056-021-09863-0>

✉ Kim Brooksbank  
Kim.brooksbank@dpird.wa.gov.au

<sup>1</sup> Department of Primary Industries and Regional Development, 444 Albany Hwy, Albany, WA 6330, Australia

<sup>2</sup> Bushlogic, 17 Renwick Street, Alexandria, NSW 2015, Australia

$$5. R_4 = U_{cut} T_4 = 0.254 * 14.554 = 3.703 \text{ kg}$$

$$6. R = \varphi R_4 = 1.5 * 3.703 = 5.555 \text{ kg}$$

Part 2: Coppice component biomasses at age 3.

$$7. R_4/T_4 = 0.254 + 0.746 * \exp(-2.055 * \sqrt{1.5 * 3/5}) = 0.419 \quad \text{Eq. (2)}$$

$$8. \text{ Years until } R_4/T_4 \text{ recovery : } Y_{95} = 1.46 * 5/\sqrt{1.5} = 5.96 \text{ yrs} \quad \text{Eq. (5)}$$

$$9. R_4/T_4 \text{ at recovery: } U_{rec} = 0.05 + 0.95 U_{cut} = 0.292$$

$$10. m_1 = 2m_{cut}A_{cut}/Y_{95} = 2 * 1.5 * 5/5.96 = 2.517 \text{ cm/yr}$$

$$11. m_2 = m_{rec}(A_{cut}/Y_{95} + 1) = (0.3116/U_{rec})^2 \left( \frac{5}{5.96} + 1 \right) = 2.098$$

$$12. d_{cop} = 3 * 2.517 * \left[ 1 + \left( 1 + \frac{2.098}{2.517} \right) (2 * 3/5.96 + 1) \right] = 7.541 \text{ cm} \quad \text{Eq. (6)}$$

$$13. S = 0.1078g^{1.2173} = 0.1078 * \left[ \frac{\pi}{4} * 7.54^2 \right]^{1.2173} = 10.998 \text{ kg} \quad \text{Eq. (4)}$$

$$14. T_4 = \frac{S}{1-R_4/T_4} = \frac{10.998}{(1-0.419)} = 18.932 \text{ kg}$$

$$15. R_4 = T_4 - S = 18.932 - 10.998 = 7.935 \text{ kg}$$

$$16. T = S + \varphi R_4 = 10.998 + 1.5 * 7.935 = 22.899 \text{ kg}$$

$$17. R = T - S = 22.899 - 10.998 = 11.902 \text{ kg}$$

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