

Corrigendum – Cunninghamia 6(3) p. 529

Toivo Zoete. Vegetation survey of the Barrington Tops and Mount Royal National Parks for use in fire management

Page 524: The text on this page (23 lines) is a continuation of the section on **Ordination** on p. 529. The section should read as follows:

Ordination

The DCA ordination of plots resulted in eigen values of 0.7979, 0.6558, 0.4155, and 0.3743 for the first four dimensions respectively, with corresponding gradient lengths of 8.918, 6.181, 4.763, and 4.719. This indicates that there is at least one complete species turnover along each of these axes, with two turnovers in the first dimension. Thus, the species composition on the one end of the axis is completely different from that on the other end of the axis, with two such cycles in the first dimension (i.e. the first axis shows most of the variation).

Principal axis correlations for environmental variables are also listed in Table 6. Figs 4 and 5 show the vectors (standard length = 1) for variables with correlations over 0.5 and $p < 0.01$ in relation to the distribution of the plots in the first three dimensions of the species space.

Fig. 4 shows that the major floristic gradient (dimension 1) in the vegetation is from sub-alpine swamp (Community 12) and montane *Eucalyptus* spp. dominated vegetation types (Community 9 to 11) to rainforest (Community 7) and wet sclerophyll forest (Community 8). Another important gradient (dimension 2) is from the *Nothofagus moorei* dominated forests to the drier *Eucalyptus* spp. forests. Both floristic gradients appear to be related to changes in altitude, rainfall, temperature, and latitude, while time since last fire is particularly correlated with the second dimension.

The third floristic gradient is less clear but highlights the distinctiveness of some riparian vegetation types (Communities 5 and 11) at one extreme (Fig. 5). This pattern appears to be correlated to geology, soil fertility, and longitude.

Correlations with fire response mechanisms were weak but mostly significant (Table 8). The only mechanism which was insignificant was mechanism 11 (obligate resprouters). Only three mechanism had correlations over 0.5 ('resprouters', and mechanisms 4 and 5).

Pages 567–577: Running head should read 'Zoete, Barrington Tops and Mount Royal National Park'