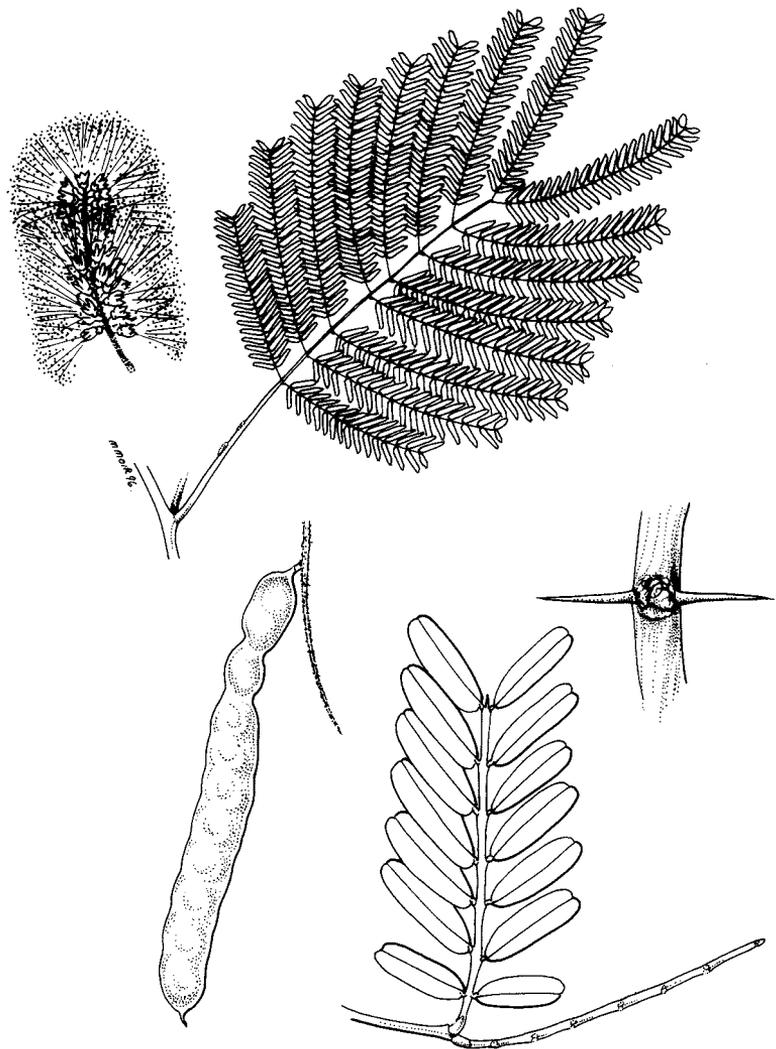


Muelleria

Plant and Fungal Taxonomy & Systematics

Vol 29(1) 2011



Paraserianthes lapantha

(Willd.) I.C.Nielsen [*Flora of Victoria*, v.3, fig. 133 (1996)]

Source: State Botanical Collection

Artist: M. Moir

Cape Wattle is a fast growing shrub/tree endemic to south-west Western Australia and Indonesia. While it has been planted for reforestation programs, as ornamental and shade trees, used as food, firewood, and also as substitute for soap, it has also become a significant worldwide weed.

Muelleria publishes research papers on Southern Hemisphere plant, algal and fungal taxonomy and systematics, particularly relating to Australia. Acceptable submissions include: taxonomic revisions; phylogenetic and biogeographical studies; short papers describing new taxa, documenting nationally significant new records, or resolving nomenclatural matters; historical analyses relevant to systematics; and any research contributing to our knowledge of plant, algal or fungal diversity. Special issues or reviews will also be considered after discussion with the Editor.

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Allan, H.H. (1961). *Flora of New Zealand*. R.E. Owen, Government Printer: Wellington.

Ahti, T. and Kashiwadani, H. (1984). 'The lichen genera *Cladia*, *Cladina* and *Cladonia* in southern Chile'. In H. Inoue (ed.), *Studies on the cryptogams of southern Chile*, pp. 125–149. Kenseisha Ltd: Tokyo.

Brummitt, R.K. and Powell, C.E. (1992). *Authors of plant names*. Royal Botanic Gardens: Kew.

Jarman, S.J. (1975). *Experimental taxonomy on the family Epacridaceae*. PhD thesis, The University of Tasmania, Hobart: Tasmania.

Pickett, J.W., Smith, N., Bishop, P.M., Hill, R.S., Macphail, M.K. and Holmes, W.B.K. (1990). A stratigraphic evaluation of Ettingshausen's New England Tertiary plant localities. *Australian Journal of Earth Sciences* **37**, 293–303.

Swofford, D.L. (2000). *PAUP. Phylogenetic analysis using parsimony (version 3.1.1.)* Illinois Natural History Survey: Champaign, USA.

Walsh, N.G. (1994). 'Poaceae'. In N.G. Walsh and T.J. Entwisle (eds), *Flora of Victoria*, **Vol. 2**, pp. 356–627. Inkata Press: Melbourne.

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