

Muelleria

Plant and Fungal Taxonomy & Systematics

Vol 27(1) 2009



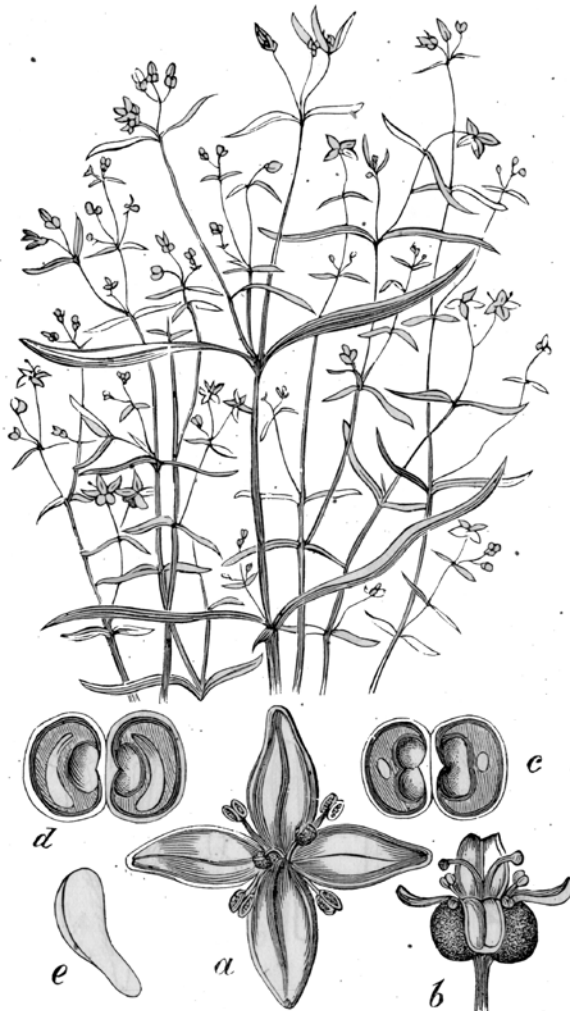
FIG. 75.

Asperula geminifolia.

F. v. M., *fragmenta phytographiae Australiae* v. 147 (1865).

Asperula gemella Airy Shaw and Turrill, *Bull. Misc. Inform. Kew* 1928(3): 102 (1928)
Source: *Key to the System of Victorian Plants* 2: Fig. 75 (1886), as *A. geminifolia* F.Muell. (misapplied).

Likely to be the earliest illustration of an Australian species of *Asperula*. The flowers illustrated are from a female flower of this dioecious species, and shows a corolla without a distinct tube. This feature, atypical of *Asperula*, led Mueller to describe it originally as *Galium geminifolium* F.Muell.



Muelleria publishes research papers on Southern Hemisphere plant, algal and fungal 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.

Editor in Chief Teresa Lebel

Associate Editors David Cantrill Frank Udovicic
 Tom May Neville Walsh
 Daniel Murphy

Editorial enquiries The Editor, *Muelleria*

Manuscripts & proofs: Royal Botanic Gardens Melbourne
Private Bag 2000
Birdwood Avenue
South Yarra Vic. 3141
Australia
muelleria@rbg.vic.gov.au

Publication times: January and July

Instructions: Please consult the Instructions to Contributors at the website below. A concise version is printed inside the back cover of each issue.
www.rbg.vic.gov.au/research_and_conservation/publications/muelleria

Subscriptions: The Editor, *Muelleria*

Exchange: For all enquiries about exchange or missing issues please contact the Library Manager at the above address or at: library@rbg.vic.gov.au

Subscription rates		Within Australia	Overseas
(annually – 2 issues)	Individuals	\$80	\$90
Includes airmail & GST	Organisations	\$100	\$120

Cheques to be made payable to the Royal Botanic Gardens Melbourne. All payments must be in \$AUD.

Layout: SUBStitution Pty Ltd

Printer: BigPrint

Recycled Paper

© Royal Botanic Gardens Melbourne 2009

ISSN 0077-1813

***Muelleria* volume 26 (2) was distributed on 1 July 2008**

MUELLERIA INSTRUCTIONS FOR CONTRIBUTORS

Submission: Editor, *Muelleria*,
Royal Botanic Gardens Melbourne,
Birdwood Avenue, South Yarra, VIC 3141
Email: muelleria@rbg.vic.gov.au

Deadlines: August 15 for January issue;
March 5 for July issue
(papers may be submitted at any time)

Either submit a hardcopy set of all material, including illustrations and tables, with electronic files on a CD OR submit a set of all material by email. Illustrations should be in TIFF or JPG format for photos (at 600 dpi, final size) or submit original artwork. Line art, including graphs or maps, may be supplied as EPS or JPG format (at 900 dpi). Each figure and table should be supplied as a separate file. All papers are peer reviewed and should not be under consideration elsewhere. No page charges apply, however colour plates will only be considered after discussion with the Editor and you may be asked to provide funds towards the cost of producing them.

Comprehensive information for contributors is available at:
www.rbg.vic.gov.au/research_and_conservation/publications/muelleria

Preparation and organisation. Double-sided, 1.5 line-spacing throughout, left justified, with left and right margins of 2 cm. All body text Times New Roman, 10pt. All text should be in the style in which it will be published, i.e. **bold** or *italics*, however do NOT use styles.

Title. Should be concise and informative, with only proper names capitalised. **Centred, bold, 12pt.** Follow on the title with full names of author(s), authors' address, including post code, country and email address. Addresses and affiliations to appear below authors, keyed by superscripted numbers.

Abstract. Precede main text by an abstract not exceeding 150 words, covering the scope of the work and findings.

All new names and combinations made in the paper must be explicitly given in the *Abstract*. Names of species and genera in the abstract must be accompanied by the nomenclatural authorities.

Main text. The first paragraph of any section is flush left. Subsequent paragraphs are to be indented and not separated by a blank line. Three main headings should be used, all flush left:

Heading level 1

HEADING LEVEL 2

heading level 3: followed by text on the same line.

References should be cited in text as, Walsh (1992); Brown and Murphy (2004); for three or more authors use *et al.* Within parentheses, in year order (Kuntze 1891; Lawrence *et al.* 1968; Allan 1979, 2000; Jarman 1990; Lewis & Entwisle 1995a, 1995b). All measurements are to be in SI units; footnotes are not allowed. Insert an 'en-rule' (–), not a hyphen, between measurements and page numbers, and a multiplication sign (x) for measurements if appropriate. All scientific names at generic rank and below when first introduced must be accompanied by the nomenclatural authorities.

Nomenclatural citations must follow the rules and recommendations of the most recent *International Code of Botanical Nomenclature*. Book titles must be abbreviated following *Taxonomic Literature II* (Stafleu & Cowan 1976–1986; Stafleu & Mennega 1992–), and journal citations in the synonymy must follow *Botanico-Periodicum-Huntianum* (Lawrence *et al.* 1968). Author's names must follow *Authors of Plant Names* (Brummitt & Powell 1992). Designations of herbaria should follow *Index Herbariorum* (Holmgren *et al.* 1990). Homotypic synonyms are to be included in one paragraph, listed in chronological order. Heterotypic synonyms should follow chronologically in separate paragraphs. Misapplied names to follow the heterotypic synonyms.

Figures and Tables. Do not embed images in text. Illustrations require a scale bar or an indication of the magnification in the caption. Figures and Tables may be one (7 cm) or two (14 cm) column's width, or full page length (18 cm), or in landscape format (18 x 14 cm). Figure, table and appendix captions should be listed after the references.

References. Only publications cited in the text should appear in the Reference list. List alphabetically, then chronologically. Journal names in full. Floras in a series to be cited in book format.

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.

Muelleria

Royal Botanic Gardens Melbourne
Birdwood Avenue, South Yarra
Victoria 3142, Australia

www.rbg.vic.gov.au

ISSN 0077-1813

Contents

Volume 27(1), 2009

Contributed Papers	Page
A revision of the <i>Brachyscome linearifolia</i> DC. Group (Asteraceae: Astereae) from South-eastern Australia – P.S. Short	3
A revision of <i>Asperula</i> and <i>Galium</i> (Rubiaceae: Rubiaceae) in Australia – I.R. Thompson	36
Errata	
<i>Muelleria</i> vol 26(2) – Editor	116