



Flora of Australia

Papulipetalum

Author: Zoe Groeneveld

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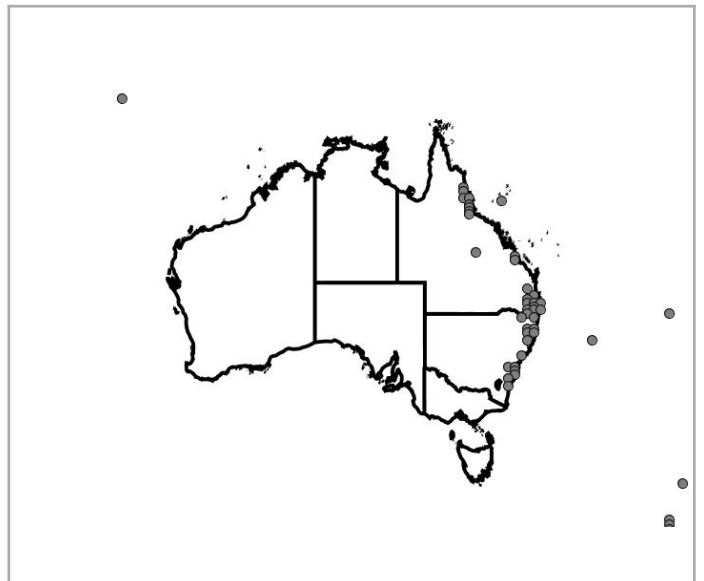


Papulipetalum

- Clements, M.A. & Jones, D.L. (April 2002), Nomenclatural changes in the Australian and New Zealand Bulbophyllinae and Eriinae (Orchidaceae). *The Orchadian* 13(11) : 500

Zoe Groeneveld

Epiphytic orchids with crowded flask-shaped pseudobulbs and thin spreading roots. Leaf 1-per pseudobulb, large, fleshy stalked, attached to pseudobulb by jointed stalk. Young pseudobulbs covered with soft fibrous sheaths. Inflorescence 1-flowered, arising from base of pseudobulb. Flowers nodding. Dorsal sepal free, concave, strongly hooding column. Lateral sepals large, spreading widely, fused by their bases to column foot. Petals free, much smaller than sepals. Labellum delicately hinged to small tooth on apex of column foot via strap. Labellum lamina obscurely lobed, fleshy, channelled. Column with relatively short basal foot.



Etymology: *Papulipetalum* from Latin *papula* (pimple), *petalum* (petal), referring to pimply petals found on the type species.

Type: *Papulipetalum angustifolium* M.A.Clements & D.L.Jones.

Diagnostic Features: This genus was raised to generic rank in 2002 based on the following features: • flask-shaped pseudobulbs • leaf single, petiolate, jointed at base • single-flowered inflorescence arising from base of pseudobulb • lateral sepals much larger than dorsal sepal.

Biostatus: Native

Habitat: Rainforest and humid areas of open forest.

Ecology: Poll. By small flies feeding on nectar produced on labellum.

Taxonomic Notes: *Papulipetalum* originally described by Rudolph Schlechter in 1913 as a section of *Bulbophyllum* and raised to generic rank by Australian botanists Mark Clements and David Jones in 2002.

Source: This profile has been adapted from *A Complete Guide to Native Orchids of Australia* 3rd edn (2021) by D.L. Jones, with support from the Australian Orchid Foundation.

Images



Fig. 1: '*Bulbophyllum*' by Fagg, M. (© Fagg, M.)



Fig. 2: '*Bulbophyllum*' by Fagg, M. (© Australian National Botanic Gardens)





Fig. 3: '*Bulbophyllum schillerianum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)

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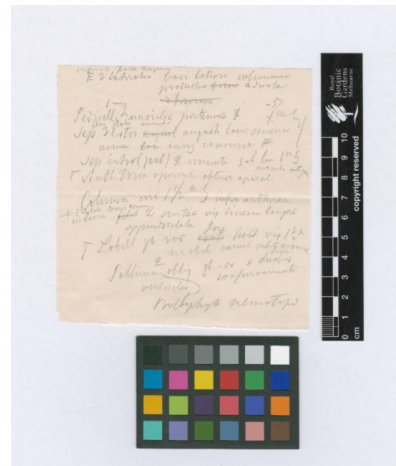


Fig. 4: '*Bulbophyllum nematopodum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)

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Fig. 5: '*Bulbophyllum finetianum*' by Fagg, M. (© Fagg, M.)

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Fig. 6: '*Bulbophyllum exiguum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)

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Fig. 7: '*Adelopetalum exiguum*' by Fagg, M. (© Fagg, M.)

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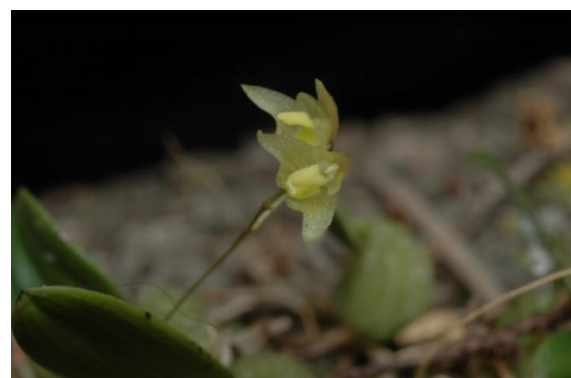


Fig. 8: '*Adelopetalum exiguum*' by Fagg, M. (© Fagg, M.)

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Fig. 9: '*Bulbophyllum johnsonii*' by Gray, B. (© Centre for National Biodiversity Research)



Fig. 10: '*Bulbophyllum minutissimum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)



Fig. 11: '*Bulbophyllum samoanum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)

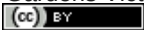


Fig. 12: '*Bulbophyllum elegans*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)



Fig. 13: '*Adelopetalum exiguum*' by Fagg, M. (© Fagg, M.)



Fig. 14: '*Bulbophyllum weinthalii*' by Fagg, M. (© Director of National Parks)





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