

New combinations in the terrestrial orchid genera *Caladenia* R. Br., *Corybas* Salisb. and *Pterostylis* R. Br. (Orchidaceae) for south-eastern Australia

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Abstract

New combinations are made in the terrestrial orchid genera *Caladenia* R. Br., *Corybas* Salisb. and *Pterostylis* R. Br. to accommodate 32 new species from south-eastern Australia and one from Macquarie Island that were described in genera not generally recognised by herbaria in Australia. (*The Victorian Naturalist* 127(2), 2010, 55–57)

Keywords: *Arachnorchis*, *Bunochilus*, *Hymenochilus*, *Oligochaetochilus*, *Speculantha*

Introduction

Since 2001, over 60 new species of terrestrial orchids from southern Australia have been described in genera presently not recognised by State and Territory herbaria in Australia (e.g. Jones 2006a; 2006b; 2006c; 2007). Some of these new species have had new combinations made in recognised genera (e.g. Backhouse 2007; Barker and Bates 2008). However, additional new species continue to be described in some of these unrecognised genera (e.g. Clements and Jones 2007; Jones 2008a; 2008b; 2008c; 2009a; 2009b), necessitating further new combinations to be made.

New combinations are made in *Caladenia* R. Br. (from *Arachnorchis* D.L. Jones & M.A. Clem. and *Stegostyla* D.L. Jones & M.A. Clem.), *Corybas* Salisb. (from *Corysanthes* R. Br. and *Nematoceras* Hook. f.) and *Pterostylis* R. Br. (from *Bunochilus* D.L. Jones & M.A. Clem., *Hymenochilus* D.L. Jones & M.A. Clem., *Oligochaetochilus* Szlach. and *Speculantha* D.L. Jones & M.A. Clem.) to accommodate these species. These combinations are made so recognised valid names can be included in checklists of flora maintained by herbaria in Australia. Many of these new species are highly localised and/or threatened with extinction, and a validly accepted scientific name makes listing easier under State and Commonwealth biodiversity protection legislation (Backhouse 2007). Presentation of author names follows the standard used in Walsh and Stajsic (2007).

Acknowledgements

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References

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- Jones DL (2009a) Three new species of *Oligochaetochilus* (Orchidaceae) from South Australia. *The Orchadian* 16, 119–126.
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New combinations

Caladenia armata (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis armata* D.L. Jones, *Australian Orchid Research* 5: 52 (2006)

Caladenia atrovespa (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis atrovespa* D.L. Jones, *The Orchadian* 15: 546 (2008)

Caladenia branwhitei (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis branwhitei* D.L. Jones, *Australian Orchid Research* 5: 46 (2006)

Caladenia cadyi (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis cadyi* D.L. Jones, *Australian Orchid Research* 5: 52 (2006)

Caladenia moschata (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Stegostyla moschata* D.L. Jones, *The Orchadian* 15: 555 (2008)

Caladenia orestes (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis orestes* D.L. Jones, *Australian Orchid Research* 5: 48 (2006)

Caladenia ustulata (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Stegostyla ustulata* D.L. Jones, *The Orchadian* 15: 323 (2007)

Caladenia whiteheadii (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Arachnorchis whiteheadii* D.L. Jones, *Australian Orchid Research* 5: 64 (2006)

Corybas grumulus (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Corysanthes grumula* D.L. Jones, *The Orchadian* 15: 550 (2008)

Corybas sulcatus (M.A. Clem. & D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Nematoceras sulcatum* M.A. Clem. & D.L. Jones, *Telopea* 11: 406 (2007)

Pterostylis agrestis (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus agrestis* D.L. Jones, *The Orchadian* 16: 176 (2009)

Pterostylis barringtonensis (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus barringtonensis* D.L. Jones, *Australian Orchid Research* 5: 121 (2006)

Pterostylis chocolatina (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus chokolatinus* D.L. Jones, *Australian Orchid Research* 5: 122 (2006)

Pterostylis clivicola (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus clivicola* D.L. Jones, *The Orchadian* 15: 492 (2008)

Pterostylis conferta (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus confertus* D.L. Jones, *The Orchadian* 16: 178 (2009)

Pterostylis crassicaulis (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus crassicaulis* D.L. Jones, *The Orchadian* 15: 493 (2008)

Pterostylis exalla (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Oligochaetochilus exallus* D.L. Jones, *The Orchadian* 16: 119 (2009)

Pterostylis ferruginea (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Oligochaetochilus ferrugineus* D.L. Jones, *The Orchadian* **16**: 120 (2009)

Pterostylis glyphida (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Speculantha glyphida* D.L. Jones, *The Orchadian* **16**: 31 (2008)

Pterostylis incognita (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus incognitus* D.L. Jones, *The Orchadian* **16**: 179 (2009)

Pterostylis lepida (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Oligochaetochilus lepidus* D.L. Jones, *The Orchadian* **16**: 122 (2009)

Pterostylis lineata (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus lineatus* D.L. Jones, *Australian Orchid Research* **5**: 121 (2006)

Pterostylis macrosepala (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus macrosepalus* D.L. Jones, *Australian Orchid Research* **5**: 125 (2006)

Pterostylis major (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus major* D.L. Jones, *Australian Orchid Research* **5**: 115 (2006) as 'majus'

Pterostylis multiflora (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Speculantha multiflora* D.L. Jones, *The Orchadian* **15**: 554 (2008)

Pterostylis parca (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus parvus* D.L. Jones, *Australian Orchid Research* **5**: 123 (2006)

Pterostylis rubescens (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Speculantha rubescens* D.L. Jones, *The Orchadian* **15**: 554 (2008)

Pterostylis spissa (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Hymenochilus spissus* D.L. Jones, *The Orchadian* **16**: 182 (2009)

Pterostylis stenosepala (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus stenosepalus* D.L. Jones, *Australian Orchid Research* **5**: 130 (2006)

Pterostylis tenuis (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus tenuis* D.L. Jones, *Australian Orchid Research* **5**: 127 (2006)

Pterostylis umbrina (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Bunochilus umbrinus* D.L. Jones, *Australian Orchid Research* **5**: 126 (2006)

Pterostylis ventricosa (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Speculantha ventricosa* D.L. Jones, *The Orchadian* **16**: 30 (2008)

Pterostylis vernalis (D.L. Jones) G.N. Backh., *comb. nov.*

Basionym: *Speculantha vernalis* D.L. Jones, *The Orchadian* **15**: 277 (2006)