

## Orchid Research Newsletter No. 45 (January 2005)

### Introduction

With a sigh of relief (and exhaustion), it is a pleasure to announce that volume 4 of *Genera Orchidacearum* will be submitted for publication to Oxford University Press at the end of January for publication in late 2005.

Three years in the making, this volume covers part 1 of subfamily Epidendroideae – 13 tribes (including the enormous Epidendreae) and 210 genera with 35 contributors from Europe and the Americas. Volume 4 will be almost as large in scope as the first three volumes combined.

Apart from the most recent DNA data used in generic circumscriptions, this volume will be special as it will illustrate genera rarely seen in line drawings and/or colour images. For all genera, we provide complete nomenclature, description, and distribution (with map) as well as what is known about anatomy, palynology, cytogenetics, phytochemistry, phylogenetics, ecology, pollination, uses, and cultivation where applicable. As specified clearly in the preface to the first volume, this series does not treat physiology, phytoalexins, tissue culture, mycorrhiza, etc., as they have been covered elsewhere. Rather, *Genera Orchidacearum* is principally a systematic treatment focusing on those disciplines that have been shown to have systematic utility.

It is equally clear to all contributors and to Dr. Robert L. Dressler himself, to whom the series is dedicated, that the vast body of knowledge on orchids including DNA data now far exceeds the synthetic capabilities of one individual. Bob Dressler has consistently shown that he welcomes new data and has never hesitated to modify his opinions in the light of, say, a new cladogram, nor has he ever failed to give credit to the work of others in revising his classification. Indeed, at the age of 77 he is still an inspiration to three generations of orchid scientists, all three of which are represented among the contributors to volume 4. Without Bob around to instill his spirit, write generic treatments, and offer advice, I simply cannot imagine where we would be. – **Alec Pridgeon**

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### News from Correspondents

We invite readers to send us changes of address (e-mail and snail mail), notice of recent publications, recently completed projects, current and future projects, and recent and future field trips for inclusion in this section of the *Orchid Research Newsletter*. Please send all news to Dr. David Roberts at [d.roberts@kew.org](mailto:d.roberts@kew.org)

### Upcoming Conferences

#### 18th World Orchid Conference (11-20 March 2005)

Registration forms and hotel bookings for what promises to be a spectacular World Orchid Conference and Show in Dijon, France, are now online at <http://www.woc2005.org>. The provisional lecture programme has been recently added to the website. You may also download a .pdf file with complete information on all the social events, optional tours, and post-Conference tours. We urge those planning to attend to arrange for hotel rooms as soon as possible because they will be going fast.

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#### First Scientific Conference on Andean Orchids (11-13 November 2005)

The First Scientific Conference on Andean Orchids, sponsored by Ecuagenera, Cia. Ltda., will be held 11-13 November 2005 in Gualaceo, Ecuador. The Conference will not be associated with any show, and there will be no social events. However, there will be multiple-day pre-conference tours for registrants on a first-come, first-served basis as well as local tours to Cuenca, Sigsig, and Chordeleg. This is an excellent opportunity to see first-hand the incredible diversity of Ecuador's orchids with expert guides from Ecuagenera. There can be no collecting on the tours without a permit from the Ecuadorian government, but plants from Ecuagenera will be available for sale and CITES export documents and phytosanitary certificates will be provided on-site.

This promises to be an extraordinary experience for all registrants, many of whom will be students from Ecuador and other countries. Registration will be limited to the first 150 applicants. You may register online at <http://www.ecuagenera.com> and see links to tours, speakers, accommodations, etc. there, too. Please feel free to contact either Pepe Portilla ([ecuagen@c.ecua.net.ec](mailto:ecuagen@c.ecua.net.ec)) or Alec Pridgeon ([a.pridgeon@kew.org](mailto:a.pridgeon@kew.org)) if you need further information.

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### Recent Orchid Nomenclature

We thank Rosemary Davies for supplying new orchid names received by *Index Kewensis* from 26 May to 23 November 2004.

*Acianthera braggae* (Ruschi) F.Barros in *Hoehnea* 30(3): 183. 2003 [30 Dec. 2003] *Physosiphon braggae*.

*Acianthera cryptoceras* (Rchb.f.) F.Barros in *Hoehnea* 30(3): 185. 2003 [30 Dec. 2003]: *Pleurothallis cryptoceras*.

*Acianthera cryptophoranthoides* (Loefgr.) F.Barros in *Hoehnea* 30(3): 185. 2003 [30 Dec. 2003]: *Pleurothallis cryptophoranthoides*.

*Acianthera heringeri* (Hoehne) F.Barros in *Hoehnea* 30(3): 185. 2003 [30 Dec. 2003] *Pleurothallis heringeri*.

*Acianthera hoffmannseggiana* (Rchb.f.) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003]: *Pleurothallis hoffmannseggiana*.

*Acianthera macuconensis* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003]: *Pleurothallis macuconensis*.

*Acianthera magalhanesii* (Pabst) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003], as "magalhaensii": *Pleurothallis magalhanesii*.

*Acianthera nemorosa* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003]: *Pleurothallis nemorosa*.

*Acianthera oligantha* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003]: *Pleurothallis oligantha*.

*Acianthera ramosa* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 186. 2003 [30 Dec. 2003]: *Pleurothallis ramosa*.

*Acianthera serpentula* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis serpentula*.

*Adamantina* Van den Berg & C.N.Gonç. in *Orchid Digest* 68(4): 231. 2004 [Oct 2004]

*Adamantina miltonioides* Van den Berg & C.N.Gonç. in *Orchid Digest* 68(4): 232 (230-232; fig; photogr.). 2004 [Oct 2004] - Bahia, Brazil.

*Aerides sukauensis* Shim in *Sandakania* 14: 1(-3; fig.). 2004 [April 2004] - Sabah, Borneo.

*Amphigena cochlearis* (S.D.Johnson & Liltved) Szlach. in *Polish Bot. J.* 48(2): 99. 2003 [30 Dec. 2003]: *Disa cochlearis*.

*Amphigena esterhuyseniae* (Schelpe ex H.P.Linder) Szlach. in *Polish Bot. J.* 48(2): 99. 2003 [30 Dec. 2003]: *Disa esterhuyseniae*.

*Amphigena salteri* (G.J.Lewis) Szlach. in *Polish Bot. J.* 48(2): 99. 2003 [30 Dec. 2003]: *Disa salteri*.  
*Anacheilium abbreviatum* (Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 40. 2004: *Epidendrum abbreviatum*.

*Anacheilium aemulum* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 42. 2004: *Epidendrum aemulum*.

*Anacheilium aloisii* (Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 49. 2004: *Epidendrum aloisii*.

*Anacheilium baculus* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 49. 2004: *Epidendrum baculus*.

*Anacheilium bennettii* (Christenson) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 51. 2004: *Encyclia bennettii*.

*Anacheilium brachyichilum* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 52. 2004: *Epidendrum brachyichilum*.

*Anacheilium bulbosum* (Vell.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 54. 2004: *Epidendrum bulbosum*.

*Anacheilium carrii* (V.P.Castro & Campacci) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 61. 2004: *Prosthechea carrii*.

*Anacheilium chacaoense* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 63. 2004: *Epidendrum chacaoense*.

*Anacheilium chimborazoense* (Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 65. 2004: *Epidendrum chimborazoense*.

*Anacheilium chondylobulbon* (A.Rich. & Galeotti) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 67. 2004: *Epidendrum chondylobulbon*

*Anacheilium confusum* (Rolfe) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 72. 2004: *Epidendrum confusum*.

*Anacheilium crassilabium* (Poepp. & Endl.) Withner, P.A.Harding & Campacci in Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 74. 2004: *Epidendrum crassilabium*.

*Anacheilium farfanii* (Christenson) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 78. 2004: *Prosthechea farfanii*.

*Anacheilium fuscum* (Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 83. 2004: *Epidendrum fuscum*.

*Anacheilium garcianum* (Garay & Dunst.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 84. 2004: *Epidendrum garcianum*.

*Anacheilium gilbertoi* (Garay) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 86. 2004: *Epidendrum gilbertoi*.

*Anacheilium hajekii* (D.E.Benn. & Christenson) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 89. 2004: *Prosthechea hajekii*.

*Anacheilium ionophlebium* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 93. 2004: *Epidendrum ionophlebium*.

*Anacheilium janeirense* Campacci in Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 94 (-96; fig. 1-26, t. 33). 2004 - Minas Gerais, Brazil.

*Anacheilium jauanum* (Carnevali & I.Ramírez) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 96. 2004: *Encyclia jauana*.

*Anacheilium joaquinae* (Pupulin) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 98. 2004: *Prosthechea joaquinae*.

*Anacheilium lambda* (Linden & Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 99. 2004: *Epidendrum lambda*.

*Anacheilium lindenii* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 101. 2004, isonym of *Anacheilium lindenii* (Lindl.) Hágsater (1990): *Epidendrum lindenii*.

*Anacheilium mejia* Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 101 (-102; fig. 1-30, t. 36). 2004 - Colombia.

*Anacheilium neurosum* (Ames) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 105. 2004: *Epidendrum neurosum*.

*Anacheilium pamplonense* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 106. 2004: *Epidendrum pamplonense*.

*Anacheilium regnellianum* (Hoehne & Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 110. 2004: *Epidendrum regnellianum*.

*Anacheilium santanderense* D.G.Hunt, Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 111 (-113; fig. 1-22, t. 39). 2004 - Santander, Colombia.

*Anacheilium sessiliflorum* (Edwall) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 115. 2004: *Epidendrum sessiliflorum*.

*Anacheilium simum* (Dressler) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 116. 2004: *Encyclia sima*.

*Anacheilium spondiadum* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 118. 2004: *Epidendrum spondiadum*.

*Anacheilium tigrinum* (Linden ex Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 120. 2004: *Epidendrum tigrinum*.

*Anacheilium trulla* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 122. 2004: *Epidendrum trulla*.

*Anacheilium vagans* (Ames) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 124. 2004: *Epidendrum vagans*.

*Anacheilium vasquezii* (Christenson) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 126. 2004: *Prosthechea vasquezii*.

*Anacheilium venezuelanum* (Schltr.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 127. 2004: *Epidendrum venezuelanum*.

*Anacheilium vinaceum* (Christenson) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 130. 2004: *Prosthechea vinacea*.

*Anacheilium vita* D.G.Hunt, Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 131 (-132; fig. 1-41; t. 51). 2004 - Ecuador.

×*Anaphorkis* Bourdon, M.F.Bourdon & J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Ansellia* Lindl. × *Graphorkis* Thou.)

*Anathallis adenochila* (Loefgr.) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis adenochila*.

*Anathallis bleyensis* (Pabst) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis bleyensis*.

*Anathallis ferdinandiana* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Lepanthes ferdinandiana*.

*Anathallis fernandiana* (Hoehne) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis fernandiana*.

*Anathallis flammea* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Lepanthes flammea*.

*Anathallis guarujaensis* (Hoehne) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis guarujaensis*.

*Anathallis helmutii* (Hoehne) F.Barros in *Hoehnea* 30(3): 187. 2003 [30 Dec. 2003]: *Pleurothallis helmutii*.

*Anathallis jordanensis* (Hoehne) F.Barros in *Hoehnea* 30(3): 189. 2003 [30 Dec. 2003]: *Pleurothallis jordanensis*.

*Anathallis paranapiacabensis* (Hoehne) F.Barros in *Hoehnea* 30(3): 189. 2003 [30 Dec. 2003]: *Pleurothallis paranapiacabensis*.

*Anathallis peroupavae* (Hoehne & Brade) F.Barros in *Hoehnea* 30(3): 189. 2003 [30 Dec. 2003]: *Pleurothallis peroupavae*.

*Anathallis piratiningana* (Hoehne) F.Barros in *Hoehnea* 30(3): 190. 2003 [30 Dec. 2003]: *Pleurothallis piratiningana*.

*Anathallis pusilla* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 190. 2003 [30 Dec. 2003]: *Lepanthes pusilla*.

*Anathallis puttemansii* (Hoehne) F.Barros in *Hoehnea* 30(3): 190. 2003 [30 Dec. 2003]: *Pleurothallis puttemansii*

*Anathallis welteri* (Pabst) F.Barros in *Hoehnea* 30(3): 190. 2003 [30 Dec. 2003]: *Pleurothallis welteri*.

×*Andreottara* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Cochlioda* Lindl. × *Miltonia* Lindl. × *Odontoglossum* Kunth).

*Angraecopsis thomensis* Stévant & P.J.Cribb in *Kew Bull.* 59(1): 77 (-79; fig. 1). 2004 [August 2004] - São Tomé, Gulf of Guinea Is.

*Aspidogyne mosaica* Ormerod in *Oasis Suppl.* 3: 3 (5; fig.). 2004 [April 2004] - Ecuador.

×*Baptikoa* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Baptistonia* Barb.Rodr. × *Zelenkoa* M.W.Chase & N.H.Williams).

*Baptistonia albinii* (Schltr.) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium albinii*.

*Baptistonia* ×*amicta* (Lindl.) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium amictum*.

*Baptistonia brieniana* (Rechb.f.) V.P.Castro & Chiron in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium brienianum*.

*Baptistonia* ×*cassolana* (V.P.Castro & Campacci) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium* ×*cassolanum*.

*Baptistonia cornigera* (Lindl.) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium cornigerum*.

*Baptistonia cruciata* (Rechb.f.) Chiron & V.P.Castro in

*Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium cruciatum*.

*Baptistonia damacenoii* Chiron & V.P.Castro in *Richardiana* 4(3): 124 (121-134; figs. 1-6; photogr., tabl. 1). 2004 [8 Jun 2004] - Espirito Santo, Brazil.

*Baptistonia fimbriata* (Lindl.) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium fimbriatum*.

*Baptistonia gutfreundiana* (Chiron & V.P.Castro) Chiron & V.P.Castro in *Richardiana* 4(3): 117. 2004 [8 Jun 2004]: *Oncidium gutfreundianum*.

*Baptistonia kautskyi* (Pabst) V.P.Castro & Chiron in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium kautskyi*.

*Baptistonia leinigii* (Pabst) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium leinigii*.

*Baptistonia lietzei* (Regel) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium lietzei*.

*Baptistonia nitida* (Barb.Rodr.) V.P.Castro & Chiron in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium nitidum*.

*Baptistonia pabstii* (Campacci & C.Espejo) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium pabstii*.

*Baptistonia pubes* (Lindl.) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium pubes*.

*Baptistonia pulchella* (Regel) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Waluwia pulchella*.

*Baptistonia remotiflora* (Garay) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium remotiflorum*.

*Baptistonia riograndense* (Cogn.) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium riograndense*.

*Baptistonia sarcodes* (Lindl.) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium sarcodes*.

*Baptistonia silvana* (V.P.Castro & Campacci) V.P.Castro & Chiron in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium silvanum*.

*Baptistonia truncata* (Pabst) Chiron & V.P.Castro in *Richardiana* 4(3): 118. 2004 [8 Jun 2004]: *Oncidium truncatum*.

*Baptistonia verrucosissima* (Cogn.) V.P.Castro &

Chiron in *Richardiana* 4(3): 119. 2004 [8 Jun 2004]:  
*Oncidium verrucosissimum*.

*Baptistonia widgrenii* (Lindl.) V.P.Castro & Chiron in  
*Richardiana* 4(3): 119. 2004 [8 Jun 2004]: *Oncidium*  
*widgrenii*.

*Bulbophyllum ambatoavense* Bosser in *Adansonia*  
26(1): 54 (56-57; fig. 2). 2004 [8 July 2004] -  
Madagascar.

*Bulbophyllum arianae* Fraga & E.C.Smidt in *Harvard*  
*Pap. Bot.* 9(1): 7 (-9; fig. 1). 2004 [Sep 2004] -  
Espirito Santo, Brazil.

*Bulbophyllum auriculatum* J.J.Verm. & P.O'Byrne in  
*Gard. Bull. Singapore* 55(2): 262 (-264; fig.). 2003 -  
Sulawesi.

*Bulbophyllum kupense* P.J.Cribb & B.J.Pollard in *Kew*  
*Bull.* 59(1): 137 (-139; fig.). 2004 [August 2004] -  
Cameroon.

*Bulbophyllum labatii* Bosser in *Adansonia* 26(1): 53 (-  
55; fig. 1). 2004 [8 July 2004] - Madagascar.

*Bulbophyllum reductum* J.J.Verm. & P.O'Byrne in  
*Gard. Bull. Singapore* 55(2): 268 (-270; fig.). 2003 -  
Sulawesi.

*Bulbophyllum stenurum* J.J.Verm. & P.O'Byrne in  
*Gard. Bull. Singapore* 55(2): 266 (-268; fig.). 2003 -  
Sulawesi.

*Bulbophyllum trichorhachis* J.J.Verm. & P.O'Byrne in  
*Gard. Bull. Singapore* 55(2): 256 (-259; fig.). 2003 -  
Sulawesi.

*Bulbophyllum tubilabrum* J.J.Verm. & P.O'Byrne in  
*Gard. Bull. Singapore* 55(2): 264 (-266; fig.). 2003 -  
Sulawesi.

*Bulbophyllum valeryi* J.J.Verm. & P.O'Byrne in *Gard.*  
*Bull. Singapore* 55(2): 260 (-262; fig.). 2003 -  
Sulawesi.

*Caladenia* subgen. *Stegostyla* (D.L.Jones &  
M.A.Clem.) Hopper & A.P.Br. in *Austral. Syst. Bot.*  
17(2): 206. 2004 [29 April 2004]: *Stegostyla*.

*Caladenia granitica* (Hopper & A.P.Br.) Hopper &  
A.P.Br. in *Austral. Syst. Bot.* 17(2): 193. 2004 [29  
April 2004]: *Caladenia hoffmanii* subsp. *granitica*.

*Caladenia orientalis* (G.W.Carr) Hopper & A.P.Br. in  
*Austral. Syst. Bot.* 17(2): 195. 2004 [29 April 2004]:  
*Caladenia fragrantissima* subsp. *orientalis*.

*Caladenia saccata* (R.S.Rogers) Hopper & A.P.Br. in  
*Austral. Syst. Bot.* 17(2): 186. 2004 [29 April 2004]:  
*Petalochilus saccatus*.

*Caladenia villosissima* (G.W.Carr) Hopper & A.P.Br.

in *Austral. Syst. Bot.* 17(2): 198. 2004 [29 April  
2004]: *Caladenia dilatata* subsp. *villosissima*.

*Calochilus ammobius* D.L.Jones & B.Gray in  
*Orchadian* 14(2): 85 (-86; 92-3, figs.). 2002 -  
Queensland, Australia.

×*Catcylaelia* J.M.H.Shaw in *Orchid Rev. Suppl.*,  
112(1257): 46. 2004 (*Cattleya* Lindl. × *Encyclia* Hook.  
× *Laelia* Lindl.).

×*Catyclia* J.M.H.Shaw in *Orchid Rev. Suppl.*,  
112(1257): 46. 2004 (*Cattleya* Lindl. × *Encyclia*  
Hook.).

*Caucaea macrotyle* (Königer & J.Portilla) Königer in  
*Arcula* 14: 360. 2003 [22 Dec. 2003]: *Oncidium*  
*macrotyle*.

*Caucaea universitas-cuencae* (Königer & D.Vázquez)  
Königer in *Arcula* 14: 360. 2003: *Oncidium*  
*universitas-cuencae*.

×*Caultonia* Griffiths & J.M.H.Shaw in *Orchid Rev.*  
*Suppl.*, 112(1257): 46. 2004 (*Broughtonia* R.Br. ×  
*Caularthron* Raf.).

×*Chadwickara* G.Monnier & J.M.H.Shaw in *Orchid*  
*Rev. Suppl.*, 112(1256): 26. 2004 (*Pabstia* Garay ×  
*Zygopetalum* Hook. × *Zygosepalum* Rehb.f.).

*Coilostylis ciliaris* (L.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 139.  
2004: *Epidendrum ciliare*.

*Coilostylis clavata* (Raf.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 141.  
2004, as 'clavatum': *Didothion clavatum*.

*Coilostylis cuspidata* (Lodd.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 142.  
2004: *Epidendrum cuspidatum*.

*Coilostylis falcata* (Lindl.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 143.  
2004: *Epidendrum falcatum*.

*Coilostylis lacertina* (Lindl.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 144.  
2004: *Epidendrum lacertinum*.

*Coilostylis oerstedii* (Rehb.f.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 145.  
2004: *Epidendrum oerstedii*.

*Coilostylis parkinsoniana* (Hook.) Withner &  
P.A.Harding, *Cattleyas & Relatives: Debatable*  
*Epidendrums* 145. 2004: *Epidendrum parkinsonianum*.

*Coilostylis vivipara* (Lindl.) Withner & P.A.Harding,  
*Cattleyas & Relatives: Debatable Epidendrums* 146.  
2004: *Epidendrum viviparum*.

×*Compelzenia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Comparettia* Poepp. & Endl. × *Rodriguezia* Ruiz & Pav. × *Zelenkoa* M.W.Chase & N.H.Williams)

*Coryanthes maduroana* G.Gerlach in *Lankesteriana* 4(1): 70 (-72; fig. 4). 2004 [30 Apr 2004] - Coclé, Panama.

*Corybas dowlingii* D.L.Jones in *Orchadian* 14(9): 419 (418-420; fig.). 2004 [Aug. 2004] - New South Wales, Australia.

*Cranichis turkeliae* Christenson in *Richardiana* 4(3): 135 (-136; photogrs.). 2004 [8 Jun 2004] - Ecuador.

*Cyanicula* subgen. *Trilobatae* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 227. 2004 [29 April 2004]

*Cyanicula aperta* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 229. 2004 [29 April 2004] - Western Australia.

*Cyanicula caerulea* (R.Br.) Hopper & A.P.Br. var. *heliotropica* (Rupp) Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 233. 2004 [29 April 2004] - *Caladenia caerulea* var. *heliotropica*.

*Cyanicula ixiooides* (Lindl.) Hopper & A.P.Br. subsp. *candida* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 225. 2004 [29 April 2004] - Western Australia.

×*Cyanthera* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 233. 2004 [29 April 2004] (*Cyanicula* Hopper & A.P.Br. × *Elythranthera* (Endl.) A.S.George).

×*Cyanthera glossodioides* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 233. 2004 [29 April 2004] - Western Australia. (*Cyanicula sericea* (Lindl.) Hopper & A.P.Br. × *Elythranthera brunonis* (Endl.) A.S.George).

*Cymbidium multiradicatum* Z.J.Liu & S.C.Chen in *Acta Bot. Yunnan.* 26(3): 297 (-298; fig.). 2004 [June 2004] - Yunnan, China South-Central.

*Cynorkis subtilis* Bosser in *Adansonia* 26(1): 56 (58; fig. 3). 2004 [8 July 2004] - Madagascar.

*Cypripedium xherae* Ewacha & Sheviak in *Orchids* 73(4): 296 (-299; figs.). 2004 - Manitoba, Western Canada. (*Cypripedium parviflorum* Salisb. × *Cypripedium reginae* Walter)

*Cyrtorchilum tumiferum* Königer in *Arcula* 14: 346 (-348; fig.). 2003 [22 Dec. 2003] - Peru.

*Cyrtopodium brunneum* J.A.N.Bat. & Bianch. in *Brittonia* 56(3): 262 (-269; figs. 1-3). 2004 [2 Aug 2004] - Distrito Federal, Brazil.

*Cyrtopodium lamellaticallosum* J.A.N.Bat. & Bianch.

in *Brittonia* 56(3): 269 (-273; figs. 4-5). 2004 [2 Aug 2004] - Minas Gerais, Brazil.

*Cyrtopodium poecilum* Rchb.f. & Warm. var. *roseum* J.A.N.Bat. & Bianch. in *Brittonia* 56(3): 273. 2004 [2 Aug 2004] - Minas Gerais, Brazil.

*Dactylorhiza majalis* (Rchb.) P.F.Hunt & Summerh. subsp. *calcifugiens* H.A.Pedersen in *Nord. J. Bot.* 22(6): 655. 2004 [May 2004] - Denmark.

*Dactylorhiza majalis* (Rchb.) P.F.Hunt & Summerh. subsp. *sphagnicola* (Höppner) H.A.Pedersen & Hedrén in *Nord. J. Bot.* 22(6): 651. 2004 [May 2004]: *Orchis* ×*sphagnicola*.

*Dendrobium numaldeorii* C.Deori, Hynn. & Phukan in *Orchid Rev.* 112(1259): 279 (-282; fig.). 2004 [Aug. 2004] - Arunachal Pradesh, East Himalaya.

*Dendrobium tuanhii* Aver. in *Orchids* 73(2): 134 (-136; figs.). 2004 [Feb. 2004] - Vietnam.

*Dendrophylax monteaverdi* (Rchb.f.) Ackerman & Nir in *Lankesteriana* 4(1): 53. 2004 [30 Apr 2004]: *Aeranthes monteaverdi*.

*Didymoplexiella hainanensis* X.H.Jin & S.C.Chen in *Novon* 14(2): 176 (-177; fig. 1). 2004 [4 Jun 2004] - Hainan, China.

*Dinklageella scandens* Stévant & P.J.Cribb in *Kew Bull.* 59(1): 79 (-81; fig. 2). 2004 [August 2004] - São Tomé, Gulf of Guinea Is.

*Disticholiparis* Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 175. 2004 [27 Apr 2004] nom. nov.: *Liparis* [infragen.unranked] *Distichae* Ridl.

*Disticholiparis anemophila* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis anemophila*.

*Disticholiparis anopheles* (J.J.Wood) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis anopheles*.

*Disticholiparis apiculata* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis apiculata*.

*Disticholiparis araneola* (Ridl.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis araneola*.

*Disticholiparis arcuata* (J.J.Sm.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis arcuata*.

*Disticholiparis benguetensis* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Cestichis benguetensis*.

*Disticholiparis bibullata* (J.J.Sm.) Marg. & Szlach. in

*Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]:  
*Liparis bibullata*.

*Disticholiparis biglobulifera* (J.J.Sm.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis biglobulifera*.

*Disticholiparis brunnescens* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis brunnescens*.

*Disticholiparis compressa* (Blume) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Malaxis compressa*.

*Disticholiparis cumingii* (Ridl.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 176. 2004 [27 Apr 2004]: *Liparis cumingii*.

*Disticholiparis cyclostele* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis cyclostele*.

*Disticholiparis disticha* (Lindl.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis disticha*.

*Disticholiparis elmeri* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Cestichis elmeri*.

*Disticholiparis geelvinkensis* (J.J.Sm.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis geelvinkensis*.

*Disticholiparis gibbosa* (Finet) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis gibbosa*.

*Disticholiparis glumacea* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis glumacea*.

*Disticholiparis govidjoae* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis govidjoae*.

*Disticholiparis gracilis* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Cestichis gracilis*.

*Disticholiparis graciliscapa* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis graciliscapa*.

*Disticholiparis gregaria* (Lindl.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis gregaria*.

*Disticholiparis inamoena* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis inamoena*.

*Disticholiparis kerintjiensis* (J.J.Sm.) Marg. & Szlach.

in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis kerintjiensis*.

*Disticholiparis lamproglossa* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis lamproglossa*.

*Disticholiparis lingulata* (Ames & C.Schweinf.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis lingulata*.

*Disticholiparis magnicallosa* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis magnicallosa*.

*Disticholiparis merrillii* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Cestichis merrillii*.

*Disticholiparis miniata* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis miniata*.

*Disticholiparis mucronata* (Blume) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Malaxis mucronata*.

*Disticholiparis nebuligena* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis nebuligena*.

*Disticholiparis ochrantha* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis ochrantha*.

*Disticholiparis pandurata* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Liparis pandurata*.

*Disticholiparis parva* Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004], nom. nov.: *Liparis parva*

*Disticholiparis philippinensis* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 178. 2004 [27 Apr 2004]: *Cestichis philippinensis*.

*Disticholiparis propinqua* (Ames) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 179. 2004 [27 Apr 2004]: *Liparis propinqua*

*Disticholiparis pseudodisticha* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 179. 2004 [27 Apr 2004], as "pseudo-disticha": *Liparis pseudodisticha*.

*Disticholiparis trachyglossa* (Schltr.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 179. 2004 [27 Apr 2004]: *Liparis trachyglossa*.

*Disticholiparis trullifera* (Ames & C.Schweinf.) Marg. & Szlach. in *Orchidee (Hamburg)* 55(2): 179. 2004 [27 Apr 2004]: *Liparis trullifera*.

×*Dossinochilus* Glic. & J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Anoectochilus* Blume × *Dossinia* C.Morr.).

*Dryadorchis dasystele* Schuit. & de Vogel in *J. Orchideenfreund* 209 (205-215; figs.). 2004 [13 Aug. 2004] - Papua New Guinea.

*Elleanthus capitatellus* Dressler in *J. Orchideenfreund* 11(2): 143 (142-146; figs.). 2004 [12 May 2004] - Panama, Central America.

*Elleanthus decipiens* Dressler in *J. Orchideenfreund* 11(2): 146 (145-148; fig.). 2004 [12 May 2004] - Panama, Central America.

*Encyclia chironii* V.P.Castro & J.B.F.Silva in *Richardiana* 4(3): 140 (139-143; fig. 1; map). 2004 [8 Jun 2004] - Amazonas, Peru.

*Encyclia elegantula* Dressler in *Orchid Digest* 68(4): 244 (243; photogrs.). 2004 [Oct 2004] - Panama, Central America.

*Encyclia monteverdensis* M.A.Díaz & Ackerman in *Lankesteriana* 4(1): 50 (-52; fig. 3). 2004 [30 Apr 2004] - Guantánamo, Cuba.

×*Encyvola* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Brassavola* R.Br. × *Encyclia* Hook.).

×*Epicyclia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Encyclia* Hook. × *Epidendrum* L.).

*Epigeneium tsangianum* Ormerod in *Taiwania* 49(2): 97 (-98; fig. 2). 2004 [June 2004] - Guangxi, China Southeast.

*Epipactis duriensis* Bernardos, D.Tyteca, Revuelta & Amich in *Bot. J. Linn. Soc.* 145(2): 241 (239-249; figs.). 2004 - Portugal.

*Epipactis greuteri* H.Baumann & Künkele subsp. *preinensis* Seiser in *Neilreichia* 1: 138 (137-148). 2001 - Austria.

*Epipactis ×nicolosi* M.P.Grasso & Grillo in *Orchidophile* (Asnieres) 162: 223 (221-225; figs.). 2004 [Sept. 2004] - Sicilia. (*Epipactis helleborine* (L.) Crantz × *Epipactis meridionalis* H.Baumann & R.Lorenz).

*Epipactis robatschiana* Bartolo, D'Emérico, Pulv., Terrasi & Stuto in *Caryologia* 56(4): 441 (439-445; figs.). 2003 [31 Dec. 2003] - Italy.

*Eria baniaie* Bajrach., L.R.Shakya & Chettri in *J. Orchid Soc. India* 16(1-2): 91 (-93; fig.). 2002 [31 Dec. 2002], published as "baniaii" - Nepal.

*Eria kamlangensis* A.N.Rao in *J. Orchid Soc. India* 16(1-2): 61 (-63; fig.). 2002 [31 Dec. 2002] - Arunachal Pradesh, East Himalaya.

*Ericksonella* Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 208 (-210). 2004 [29 April 2004].

*Ericksonella saccharata* (Rehb.f.) Hopper & A.P.Br. in *Austral. Syst. Bot.* 17(2): 210. 2004 [29 April 2004]: *Caladenia saccharata*.

*Fimbrorchis* Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004].

*Fimbrorchis* sect. *Cruciatae* (Kraenzl.) Szlach. in *Orchidee (Hamburg)* 55(4): 490. 2004 [30 Aug. 2004]: *Habenaria* sect. *Cruciatae*.

*Fimbrorchis beccarii* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(4): 490. 2004 [30 Aug. 2004]: *Habenaria beccarii*.

*Fimbrorchis havilandii* (Kraenzl.) Szlach. in *Orchidee (Hamburg)* 55(4): 491. 2004 [30 Aug. 2004]: *Habenaria havilandii*.

*Fimbrorchis linearifolia* (Maxim.) Szlach. in *Orchidee (Hamburg)* 55(4): 492. 2004 [30 Aug. 2004]: *Habenaria linearifolia*.

*Fimbrorchis linearifolia* (Maxim.) Szlach. subsp. *schindleri* (Soó) Szlach. in *Orchidee (Hamburg)* 55(4): 492. 2004 [30 Aug. 2004]: *Habenaria linearifolia* subsp. *schindleri*.

*Fimbrorchis medioflexa* (Turrill) Szlach. in *Orchidee (Hamburg)* 55(4): 490. 2004 [30 Aug. 2004]: *Habenaria medioflexa*.

*Fimbrorchis medusa* (Kraenzl.) Szlach. in *Orchidee (Hamburg)* 55(4): 490. 2004 [30 Aug. 2004]: *Habenaria medusa*.

*Fimbrorchis myriotricha* (Gagnep.) Szlach. in *Orchidee (Hamburg)* 55(4): 491. 2004 [30 Aug. 2004]: *Habenaria myriotricha*.

*Fimbrorchis myriotricha* (Gagnep.) Szlach. var. *confluens* (Gagnep.) Szlach. in *Orchidee (Hamburg)* 55(4): 491. 2004 [30 Aug. 2004]: *Habenaria myriotricha* var. *confluens*.

*Fimbrorchis oldhamii* (Kraenzl.) Szlach. in *Orchidee (Hamburg)* 55(4): 492. 2004 [30 Aug. 2004]: *Habenaria oldhamii*.

*Fimbrorchis sagittifera* (Rehb.f.) Szlach. in *Orchidee (Hamburg)* 55(4): 492. 2004 [30 Aug. 2004]: *Habenaria sagittifera*.

*Fimbrorchis tosaensis* (Makino) Szlach. in *Orchidee*

(Hamburg) 55(4): 492. 2004 [30 Aug. 2004]:  
*Habenaria tosaensis*.

*Fimbrorchis trichosantha* (Wall. ex Lindl.) Szlach. in  
*Orchidee (Hamburg)* 55(4): 491. 2004 [30 Aug. 2004]:  
*Habenaria trichosantha*.

*Gongora hookeri* (Klotzsch & H.Karst.) R.Rice in  
*Oasis Suppl.* 3: 21. 2004 [April 2004]: *Gongora*  
*maculata* var. *hookeri*.

×*Goodisia* Glic. & J.M.H.Shaw in *Orchid Rev. Suppl.*,  
112(1257): 46. 2004 (*Goodyera* R.Br. × *Ludisia*  
A.Rich.)

*Goodyera stolidifera* Ormerod in *Oasis Suppl.* 3: 6 (10;  
fig.). 2004 [April 2004] - Sri Lanka.

×*Grayara* J.M.H.Shaw in *Orchid Rev. Suppl.*,  
112(1257): 46. 2004 (*Ascocentrum* Schltr. × *Neofinetia*  
Hu × *Sedirea* Garay & H.R.Sweet × *Vanda* Jones).

*Grobya cipoensis* F.Barros & Lourenço in *Bot. J. Linn.*  
*Soc.* 145(1): 120 (122-123; fig. 2). 2004 [10 May  
2004] - Minas Gerais, Brazil Southeast.

*Grobya guieselii* F.Barros & Lourenço in *Bot. J. Linn.*  
*Soc.* 145(1): 125 (-127; fig. 5). 2004 [10 May 2004] -  
Santa Catarina, Brazil South.

*Guarianthe guatemalensis* (T.Moore) W.E.Higgins in  
*Orchid Digest* 68(4): 39. 2004: *Cattleya guatemalensis*

*Gymnadenia neottioides* A.Rich. & Galeotti in *Ann.*  
*Sci. Nat., Bot.* ser. 3, 3: 30. 1845 - Mexico.

*Gymnadenia propinqua* A.Rich. & Galeotti in *Ann.*  
*Sci. Nat., Bot.* ser. 3, 3: 30. 1845 - Mexico.

*Habenaria* sect. *Cruciatae* Kraenzl. in *Orchid. Gen.*  
*Sp.* 1: 425. 1898

*Habenaria acutiflora* A.Rich. & Galeotti in *Ann. Sci.*  
*Nat., Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Habenaria alata* A.Rich. & Galeotti in *Ann. Sci. Nat.,*  
*Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Habenaria brevilabiata* A.Rich. & Galeotti in *Ann.*  
*Sci. Nat., Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Habenaria letouzeyana* (Szlach. & Olszewski)  
P.J.Cribb & Stévant in *Kew Bull.* 59(1): 85. 2004  
[August 2004]: *Podandriella letouzeyana*.

*Habenaria militaris* Rchb.f. var. *philippinensis* Ames,  
*Orchidaceae*, 2: 40. 1908 - Philippines.

*Habenaria orizabensis* A.Rich. & Galeotti in *Ann. Sci.*  
*Nat., Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Habenaria stricta* A.Rich. & Galeotti in *Ann. Sci.*  
*Nat., Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Habenaria virens* A.Rich. & Galeotti in *Ann. Sci.*  
*Nat., Bot.* ser. 3, 3: 29. 1845 - Mexico.

*Herschelianthe procera* (H.P.Linder) Szlach. in *Polish*  
*Bot. J.* 48(2): 119. 2003 [30 Dec. 2003]: *Disa procera*.

*Hetaeria youngsayei* Ormerod in *Oasis Suppl.* 3: 7.  
2004 [April 2004] - Hong Kong, China Southeast;  
Thailand.

*Holcoglossum weixiense* X.H.Jin & S.C.Chen in  
*Novon* 14(2): 178 (-179; fig. 1). 2004 [4 Jun 2004],  
isonym of *H. weixiense* X.H.Jin & S.C.Chen, Jul  
2003. - Yunnan, China.

*Hormidium racemiferum* (Dressler) Withner &  
P.A.Harding in *Cattleyas & Relatives: Debatable*  
*Epidendrums* 157. 2004: *Encyclia racemifera*.

*Hormidium rhynchophorum* (A.Rich. & Galeotti)  
Withner & P.A.Harding, *Cattleyas & Relatives:*  
*Debatable Epidendrums* 158. 2004: *Epidendrum*  
*rhynchophorum*.

×*Ionocentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*,  
112(1256): 28. 2004 (*Ionopsis* Kunth × *Trichocentrum*  
Poepp. & Endl.).

*Isabelia violacea* (Lindl.) van den Berg & M.W.Chase  
f. *alba* (Barb.Rodr.) F.Barros in *Hoehnea* 30(3): 182 (-  
183). 2003 [30 Dec. 2003]: *Sophronitis violacea* var.  
*alba*.

*Jonesiopsis* subgen. *Calonema* (Lindl.) D.L.Jones &  
M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia*  
sect. *Calonema*.

*Jonesiopsis* subgen. *Phlebochilus* (Benth.) D.L.Jones  
& M.A.Clem. in *Orchadian* 14(4): 179. 2003:  
*Caladenia* sect. *Phlebochilus*.

*Jonesiopsis abbreviata* (Hopper & A.P.Br.) D.L.Jones  
& M.A.Clem. in *Orchadian* 14(4): 180. 2003:  
*Caladenia abbreviata*.

*Jonesiopsis bicalliata* (R.S.Rogers) D.L.Jones &  
M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia*  
*bicalliata*.

*Jonesiopsis brevisura* (Hopper & A.P.Br.) D.L.Jones  
& M.A.Clem. in *Orchadian* 14(4): 179. 2003:  
*Caladenia brevisura*.

*Jonesiopsis caesarea* (Domin) D.L.Jones &  
M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia*  
*filamentosa* var. *caesarea*.

*Jonesiopsis caesarea* (Domin) D.L.Jones &  
M.A.Clem. subsp. *maritima* (Hopper & A.P.Br.)  
D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180.  
2003: *Caladenia caesarea* subsp. *maritima*.

*Jonesiopsis caesarea* (Domin) D.L.Jones & M.A.Clem. subsp. *transiens* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia caesarea* subsp. *transiens*.

*Jonesiopsis cairnsiana* (F.Muell.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 179 (-180). 2003: *Caladenia cairnsiana*.

*Jonesiopsis capillata* (D.L.Jones) .L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia capillata*.

*Jonesiopsis chapmanii* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia chapmanii*.

*Jonesiopsis cristata* (R.S.Rogers) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia cristata*.

*Jonesiopsis denticulata* (Lindl.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia denticulata*.

*Jonesiopsis dimidia* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia dimidia*.

*Jonesiopsis dorrienii* (Domin) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia dorrienii*.

*Jonesiopsis douthchiai* (O.H.Sarg.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia douthchiai*.

*Jonesiopsis dundasiae* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia dundasiae*.

*Jonesiopsis elegans* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia elegans*.

*Jonesiopsis erythrochila* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia erythrochila*.

*Jonesiopsis evanescens* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia evanescens*.

*Jonesiopsis exilis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia exilis*.

*Jonesiopsis exilis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. subsp. *vanleeuwenii* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia exilis* subsp. *vanleeuwenii*.

*Jonesiopsis filamentosa* (R.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia filamentosa*.

*Jonesiopsis filifera* (Lindl.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia filifera*.

*Jonesiopsis flaccida* (D.L.Jones) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia flaccida*.

*Jonesiopsis footeana* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia footeana*.

*Jonesiopsis fuscolutescens* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 181. 2003: *Caladenia fuscolutescens*.

*Jonesiopsis hiemalis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia hiemalis*.

*Jonesiopsis horistes* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia horistes*.

*Jonesiopsis incensa* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia incensa*.

*Jonesiopsis incrassata* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia incrassata*.

*Jonesiopsis luteola* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia luteola*.

*Jonesiopsis melanema* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia melanema*.

*Jonesiopsis meridionalis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia meridionalis*.

*Jonesiopsis microchila* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia microchila*.

*Jonesiopsis nobilis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia nobilis*.

*Jonesiopsis occidentalis* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia occidentalis*.

*Jonesiopsis pachychila* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia pachychila*.

*Jonesiopsis paradoxa* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia paradoxa*.

*Jonesiopsis pendens* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia pendens*.

*Jonesiopsis pendens* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. subsp. *talbotii* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia pendens* subsp. *talbotii*.

*Jonesiopsis polychroma* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia polychroma*.

*Jonesiopsis postea* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia postea*.

*Jonesiopsis pulchra* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia pulchra*.

*Jonesiopsis radialis* (R.S.Rogers) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia radialis*.

*Jonesiopsis remota* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 182. 2003: *Caladenia remota*.

*Jonesiopsis remota* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. subsp. *parva* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 183. 2003: *Caladenia remota* subsp. *parva*.

*Jonesiopsis roei* (Benth.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia roei*.

*Jonesiopsis sanguinea* (D.L.Jones) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 183. 2003: *Caladenia sanguinea*.

*Jonesiopsis sigmoidea* (R.S.Rogers) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia sigmoidea*.

*Jonesiopsis ultima* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 183. 2003: *Caladenia ultima*.

*Jonesiopsis voigtii* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia voigtii*.

*Jonesiopsis vulgata* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 183. 2003: *Caladenia vulgata*.

*Jonesiopsis wanosa* (A.S.George) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 180. 2003: *Caladenia wanosa*.

*Jonesiopsis xantha* (Hopper & A.P.Br.) D.L.Jones & M.A.Clem. in *Orchadian* 14(4): 183. 2003: *Caladenia xantha*.

*Kraenzlinorchis* Szlach. in *Orchidee (Hamburg)* 55(1): 57. 2004 [24 Jan. 2004]

*Kraenzlinorchis dentirostrata* (Tang & F.T.Wang) Szlach. in *Orchidee (Hamburg)* 55(1): 58. 2004 [24 Jan. 2004]: *Habenaria dentirostrata*.

*Kraenzlinorchis hosseusii* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(1): 58. 2004 [24 Jan. 2004]: *Habenaria hosseusii*.

*Kraenzlinorchis malintana* (Blanco) Szlach. in *Orchidee (Hamburg)* 55(1): 58. 2004 [24 Jan. 2004]: *Thelymitra malintana*.

*Kraenzlinorchis mandersii* (Collett & Hemsl.) Szlach. in *Orchidee (Hamburg)* 55(1): 58. 2004 [24 Jan. 2004]: *Habenaria mandersii*.

*Kuhlhasseltia gracilis* (Hook.f.) Ormerod in *Oasis Suppl.* 3: 7. 2004 [April 2004]: *Goodyera gracilis*.

*Lankesterella glandula* Ackerman in *Lankesteriana* 4(1): 49 (-50; fig. 2). 2004 [30 Apr 2004] - Dominican Republic.

×*Leokoa* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Leochilus* Knowles & Westc. × *Zelenkoa* M.W.Chase & N.H.Williams).

*Leptotes harryphillipsii* Christenson in *Orchids S. Africa* 35: 53 (-54; fig.). 2004 - Brazil.

*Leptotes mogyensis* Krackow. ex Christenson in *Orchids S. Africa* 35: 54 (-55; fig.). 2004 - Brazil.

*Ligeophila misera* Ormerod in *Oasis Suppl.* 3: 8 (14; fig.). 2004 [April 2004] - Peru.

*Liparis alavensis* P.J.Cribb & Whistler in *Kew Bull.* 59(2): 321 (-323; fig.). 2004 [Oct. 2004] - Samoa.

*Liparis espeeivijii* S.Misra, *Orchids Orissa* 370. 2004, nom. nov.: *Liparis vestita* Rchb.f. subsp. *seidenfadenii* S.Misra

*Liparis parva* Ames, *Orchidaceae*, 7: 109 (-110). 1922 - Leyte, Philippines.

*Lowiorchis* Szlach. in *Orchidee (Hamburg)* 55(3): 314. 2004 [29 July 2004].

*Lowiorchis aphylla* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(3): 315. 2004 [29 July 2004]: *Cynosorchis aphylla*.

*Lowiorchis fimbriata* (H.Perrier) Szlach. in *Orchidee (Hamburg)* 55(3): 315. 2004 [29 July 2004]: *Cynorchis fimbriata*.

*Lowiorchis lowiana* (Rchb.f.) Szlach. in *Orchidee (Hamburg)* 55(3): 315. 2004 [29 July 2004]: *Cynosorchis lowiana*.

*Lowiorchis orchioides* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(3): 315. 2004 [29 July 2004]: *Cynosorchis orchioides*.

*Lowiorchis sambiranoensis* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(3): 315. 2004 [29 July 2004]: *Cynosorchis sambiranoensis*.

×*Luisedda* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 26. 2004 (*Luisia* Gaudich. × *Sedirea* Garay & H.R.Sweet × *Vanda* Jones).

*Macodes megalantha* Ormerod in *Oasis Suppl.* 3: 8 (12, 15; fig.). 2004 [April 2004] - Irian Jaya, New Guinea.

*Malaxis andersoniana* R.González in *Ibugana* 10(1-2): 68 (-70; fig. 1). 2003 [2002 publ. 17 Dec. 2003] - México State, Mexico.

*Malaxis elviae* R.González in *Ibugana* 10(1-2): 72 (71,75; fig. 2). 2003 [2002 publ. 17 Dec. 2003] - Jalisco, Mexico Southwest.

*Masdevallia carnososa* Königer in *Arcula* 14: 349 (-351; fig.). 2003 [22 Dec. 2003] - Peru.

*Masdevallia rugulosa* Königer in *Arcula* 14: 351 (-354; fig.). 2003 [22 Dec. 2003] - Peru.

*Medusorchis* Szlach. in *Orchidee (Hamburg)* 55(4): 487. 2004 [30 Aug. 2004].

*Medusorchis andamanica* (Hook.f.) Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004]: *Habenaria andamanica*.

*Medusorchis holotricha* (Gagnep.) Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004]: *Habenaria holotricha*.

*Medusorchis notabilis* (Schltr.) Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004]: *Habenaria notabilis*.

*Medusorchis polytricha* (Rolfe) Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004]: *Habenaria polytricha*.

*Medusorchis ternatea* (Rchb.f.) Szlach. in *Orchidee (Hamburg)* 55(4): 489. 2004 [30 Aug. 2004]: *Habenaria ternatea*.

*Microchilus bimentatus* (Dressler) Ormerod in *Oasis Suppl.* 3: 12. 2004 [April 2004]: *Erythrodes bimentata*.

*Microchilus marmoratus* (C.Schweinf.) Ormerod in

*Oasis Suppl.* 3: 12. 2004 [April 2004]: *Erythrodes marmorata*.

*Microchilus platanilloensis* Ormerod in *Oasis Suppl.* 3: 13 (16; fig.). 2004 [April 2004] - Costa Rica.

*Microchilus procerus* (Schltr.) Ormerod in *Oasis Suppl.* 3: 12. 2004 [April 2004]: *Physurus procerus*.

*Microchilus riopalenquensis* Ormerod in *Oasis Suppl.* 3: 13. 2004 [April 2004] - Ecuador; Peru.

×*Milassentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Brassia* R.Br. × *Miltonia* Lindl. × *Trichocentrum* Poepp. & Endl.).

×*Milcentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonia* Lindl. × *Trichocentrum* Poepp. & Endl.).

×*Milenkocidium* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonia* Lindl. × *Oncidium* Sw. × *Zelenkoa* M.W.Chase & N.H.Williams).

×*Milmiltonia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonia* Lindl. × *Miltoniopsis* God.-Leb.).

×*Miltodontrum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonia* Lindl. × *Odontoglossum* Kunth × *Trichocentrum* Poepp. & Endl.).

×*Miltoncentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonia* Lindl. × *Oncidium* Sw. × *Trichocentrum* Poepp. & Endl.).

*Miltoniopsis* God.-Leb. in *Orchidophile* (Argenteuil), 9: 63. 1889

*Monadenia cylindrica* (Thunb.) Szlach. in *Polish Bot. J.* 48(2): 121. 2003 [30 Dec. 2003]: *Satyrium cylindricum*.

*Monadenia nubigena* (H.P.Linder) Szlach. in *Polish Bot. J.* 48(2): 121. 2003 [30 Dec. 2003]: *Disa nubigena*.

*Monanthochilus* (Schltr.) R.Rice in *Oasis Suppl.* 3: 2. 2004 [April 2004]: *Sarcochilus* sect. *Monanthochilus*.

*Monanthochilus chrysanthus* (Schltr.) R.Rice in *Oasis Suppl.* 3: 2. 2004 [April 2004]: *Sarcochilus chrysanthus*.

*Monanthochilus iboensis* (Schltr.) R.Rice in *Oasis Suppl.* 3: 2. 2004 [April 2004]: *Sarcochilus iboensis*.

*Monanthochilus uniflorus* (Schltr.) R.Rice in *Oasis Suppl.* 3: 2. 2004 [April 2004]: *Sarcochilus uniflorus*.

×*Myrmecocattleya* Rolfe in *Orchid Rev.* 28(327-328): 50. 1920 (*Cattleya* Lindl. × *Myrmecophila* Rolfe).

×*Myrmecocattleya spiralis* (Rolfe) Rolfe in *Orchid Rev.* 28(327-328): 50. 1920: ×*Schombocattleya spiralis*.

×*Myrmecolaelia* F.Hanb. ex Rolfe in *Orchid Rev.* 28(327-328): 50. 1920 (*Laelia* Lindl. × *Myrmecophila* Rolfe).

×*Myrmecolaelia fuchsii* Hamer ex J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 27. 2004 - Nicaragua. (*Laelia rubescens* Lindl. × *Myrmecophila wendlandii* (Rchb.f.) G.C.Kennedy)

×*Myrmecolaelia tibibrosa* (F.Hanb. ex Rolfe) F.Hanb. ex Rolfe in *Orchid Rev.* 28(327-328): 50. 1920: ×*Schombolaelia tibibrosa*. (*Laelia tenebrosa* (R.A.Rolfe) R.A.Rolfe × *Myrmecophila tibicinis* Rolfe).

*Neofinetia xichangensis* Z.J.Liu & S.C.Chen in *Acta Bot. Yunnan.* 26(3): 300 (299; fig.). 2004 [June 2004] - Sichuan, China South-Central.

×*Neosedanda* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 26. 2004 (*Neofinetia* Hu × *Sedirea* Garay & H.R.Sweet × *Vanda* Jones).

*Neotinea ustulata* (L.) R.M.Bateman, Pridgeon & M.W.Chase subsp. *aestivalis* (Kümpel) Kolnik, Vl\_ko & Dít\_in Vl\_ko et al., *Vstava\_ovitě Slovenska. Orchids Slovakia* 74. 2003 [post 15 Aug. 2003]: *Orchis ustulata* var. *aestivalis*.

×*Odontocentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Odontoglossum* Kunth × *Trichocentrum* Poepp. & Endl.).

×*Odontokoa* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Odontoglossum* Kunth × *Zelenkoa* M.W.Chase & N.H.Williams).

×*Odontozelencidium* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Odontoglossum* Kunth × *Oncidium* Sw. × *Zelenkoa* M.W.Chase & N.H.Williams).

*Oncidium bahiense* (Cogn.) Schltr. in *Repert. Spec. Nov. Regni Veg.* 17: 17. 1921 [Jan 1921]: *Oncidium micropogon* var. *bahiense*.

*Oncidium bustosii* Königer in *Arcula* 14: 354 (-356; fig.). 2003 [22 Dec. 2003] - Ecuador.

*Oncidium mantense* Dodson & R.Estrada, *Native Ecuadorian Orchids* 4: 881 (680; fig. 1488). 2003 [May 2003] - Ecuador.

*Oncidium universitas-cuencae* Königer & D.Vázquez in *Arcula* 14: 357 (-359; fig.). 2003 - Ecuador.

×*Oncitonoides* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Miltonioides* F.G.Brieger & E.Lückel × *Oncidium* Sw.).

×*Onrodenkoa* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Oncidium* Sw. × *Rodriguezia* Ruiz & Pav. × *Zelenkoa* M.W.Chase & N.H.Williams).

×*Onzelettia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Comparettia* Poepp. & Endl. × *Oncidium* Sw. × *Zelenkoa* M.W.Chase & N.H.Williams)

*Ophrys apifera* Huds. var. *basiliensis* S.Schwegler & Matthies in *Orchid Rev.* 112(1258): 214 (-217; figs. 153-154). 2004 [Jul 2004] - Switzerland.

*Ophrys attaviria* D.Rückbr., U.Rückbr., Wenker & S.Wenker subsp. *cesmeensis* Kreutz, *Feldführer türk. Orchid.* 202. 2003 - Turkey.

*Ophrys* ×*barbaricina* M.Allard & M.P.Grasso in *Orchidophile* (Asnières) 160: 59 (-62; figs.). 2004 [Feb. 2004] - Sardegna. (*Ophrys ciliata* Biv. × *Ophrys morisii* (Martelli) Ciferri & Giacom.). *Ophrys ciliata* Biv. subsp. *lusitanica* (O.Danesch & E.Danesch) H.Baumann, Künkele & R.Lorenz in *J. Eur. Orchideen* 36(2): 571. 2004 [21 May 2004]: *Ophrys speculum* subsp. *lusitanica*.

*Ophrys ciliata* Biv. subsp. *regis-ferdinandii* (Acht. & Kellerer ex Renz) H.Baumann, Künkele & R.Lorenz in *J. Eur. Orchideen* 36(2): 572. 2004 [21 May 2004]: *Ophrys speculum* f. *regis-ferdinandii*.

*Ophrys* ×*denisiana* H.Baumann, Künkele & R.Lorenz in *J. Eur. Orchideen* 36(2): 573 (-574; figs. 5, 12). 2004 [21 May 2004] - Sicilia. (*Ophrys bertolonii* Moretti subsp. *explanata* (Lojac.) R.Soca) × *Ophrys ciliata* Biv. subsp. *ciliata*).

*Ophrys incubacea* Bianca ex Tod. subsp. *garganica* (E.Nelson ex O.Danesch & E.Danesch) Galesi, Cristaudo & Maugeri in *J. Eur. Orchideen* 36(2): 505. 2004 [21 May 2004] - *Ophrys garganica*.

*Ophrys oxyrrhynchos* Tod. subsp. *biancae* (Tod.) Galesi, Cristaudo & Maugeri in *J. Eur. Orchideen* 36(2): 506. 2004 [21 May 2004]: *Arachnites biancae*.

*Ophrys oxyrrhynchos* Tod. subsp. *calliantha* (Bartolo & Pulv.) Galesi, Cristaudo & Maugeri in *J. Eur. Orchideen* 36(2): 506. 2004 [21 May 2004]: *Ophrys calliantha*.

*Ophrys* ×*scheriana* Riech. in *J. Eur. Orchideen* 36(2): 536 (fig. 4). 2004 [21 May 2004] - Greece. (*Ophrys bombyliflora* Link × *Ophrys bremlifera* Stev. ex M.Bieb.).

*Ophrys sphegodes* Mill. subsp. *oodicheila* (Renz) Riech. in *J. Eur. Orchideen* 36(2): 533. 2004 [21 May 2004]: *Ophrys aranifera* Huds. f. *oodicheila*.

*Ophrys sphegodes* Mill. var. *sicula* (E.Nelson ex Soó) Galesi, Cristaudo & Maugeri in *J. Eur. Orchideen* 36(2): 505. 2004 [21 May 2004]: *Ophrys sphegodes* subsp. *sicula*.

*Oreorchis itoana* (F.Maek.) Perner in *Orchidee (Hamburg)* 55(1): 42. 2004 [24 Jan. 2004]: *Kitigorchis itoana*.

*Ornithocephalus zamoranus* Dodson in *Native Ecuadorian Orchids* 4: 882 (713; fig. 1596). 2003 [May 2003]: Ecuador.

*Panarica* Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 207. 2004.

*Panarica brassavolae* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 208. 2004: *Epidendrum brassavolae*.  
*Panarica ionocentra* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 211. 2004: *Epidendrum ionocentrum*.

*Panarica mulasii* (Soto Arenas & L.Cerv.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 212. 2004: *Prosthechea mulasii*.

*Panarica neglecta* (Pupulin) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 212. 2004: *Prosthechea neglecta*.

*Panarica prismatocarpa* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 213. 2004: *Epidendrum prismatocarpum*.

*Panarica tardiflora* (Mora Ret. ex Pupulin) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 214. 2004: *Prosthechea tardiflora*.

*Paphiopedilum smaragdinum* Z.J.Liu & S.C.Chen in *J. Wuhan Bot. Res.* 21(6): 489 (-491; fig.). 2003 - Yunnan, China South-Central.

×*Papilisia taiwaniana* (S.S.Ying) J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 47. 2004: *Vanda taiwaniana*.

×*Pescantleya* J.M.H.Shaw, R.A.Stevens & G.Black in *Orchid Rev. Suppl.*, 112(1256): 26. 2004 (×*Cochleanthes* Raf. × *Huntleya* Batem. ex Lindl. × *Pescatorea* Rchb.f.).

*Phragmipedium* sect. *Schluckebieria* Braem in *Richardiana* 4(3): 102. 2004 [8 Jun 2004].

*Physosiphon bragae* Ruschi in *Bol. Mus. Biol. Prof. Mello Leitao. Ser. Bot.* 27: 1. 1970 - Espírito Santo, Brazil Southeast.

*Platantheroides* Szlach. in *Richardiana* 4(3): 103. 2004 [8 Jun 2004].

*Platantheroides alata* (Hook.) Szlach. in *Richardiana* 4(3): 104. 2004 [8 Jun 2004]: *Habenaria alata*.

*Platantheroides brevilabiata* (A.Rich. & Galeotti) Szlach. in *Richardiana* 4(3): 104. 2004 [8 Jun 2004]: *Habenaria brevilabiata*.

*Platantheroides clavigera* (Lindl.) Szlach. in *Richardiana* 4(3): 104. 2004 [8 Jun 2004]: *Platanthera clavigera*.

*Platantheroides cumminsiana* (King & Pant.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria cumminsiana*.

*Platantheroides curvilabra* (Barb.Rodr.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria curvilabra*.

*Platantheroides densa* (Wall. ex Lindl.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria densa*.

*Platantheroides dentifera* (C.Schweinf.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria dentifera*.

*Platantheroides edgeworthii* (Hook.f. ex Collett) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria edgeworthii*.

*Platantheroides epipactidea* (Rchb.f.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria epipactidea*.

*Platantheroides eustachya* (Rchb.f.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria eustachya*.

*Platantheroides floribunda* (Lindl.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria floribunda*.

*Platantheroides hamata* (Barb.Rodr.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria hamata*.

*Platantheroides heleogena* (Schltr.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria heleogena*.

*Platantheroides herzogii* (Schltr.) Szlach. in *Richardiana* 4(3): 106. 2004 [8 Jun 2004]: *Habenaria herzogii*.

*Platantheroides hologlossa* (Summerh.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria hologlossa*.

*Platantheroides latilabris* (Lindl.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Platanthera latilabris*.

*Platantheroides ligulata* (C.Schweinf.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria ligulata*.

*Platantheroides liguliglossa* (Hoehne) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria liguliglossa*.

*Platantheroides linifolia* (C.Presl) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria linifolia*.

*Platantheroides lucida* (Wall. ex Lindl.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria lucida*.

*Platantheroides magdalenensis* (Hoehne) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria magdalenensis*.

*Platantheroides obtusa* (Lindl.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria obtusa*.

*Platantheroides odontopetala* (Rchb.f.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria odontopetala*.

*Platantheroides oerstedii* (Rchb.f.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria oerstedii*.

*Platantheroides ornithoides* (Barb.Rodr.) Szlach. in *Richardiana* 4(3): 107. 2004 [8 Jun 2004]: *Habenaria ornithoides*.

*Platantheroides parvidens* (Lindl.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria parvidens*.

*Platantheroides petalodes* (Lindl.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria petalodes*.

*Platantheroides quadrata* (Lindl.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria quadrata*.

*Platantheroides saprophytica* (Bossler & P.J.Cribb) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria saprophytica*.

*Platantheroides seticauda* (Lindl. ex Benth.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria seticauda*.

*Platantheroides stenochila* (Lindl.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria stenochila*.

*Platantheroides strictissima* (Rchb.f.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria strictissima*.

*Platantheroides unellezii* (Foldats) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria unellezii*.

*Platantheroides zambesina* (Rchb.f.) Szlach. in *Richardiana* 4(3): 108. 2004 [8 Jun 2004]: *Habenaria zambesina*.

*Platylophus xerostele* Ormerod in *Oasis Suppl.* 3: 18 (17; fig.). 2004 [April 2004] - Cameroon.

*Pleurothallis candida* Luer & Hirtz in *Monogr. Syst. Bot. Missouri Bot. Gard.* 76: 107. 1999 alt. publ. title: *Icon. Pleurothall.* 18: 107. 1999. Luer inadvertently validated the name published invalidly in 1997. Peru.

*Pollardia* Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 217. 2004.

*Pollardia campylostalix* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 220. 2004: *Epidendrum campylostalix*.

*Pollardia concolor* (La Llave & Lex.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 222. 2004: *Epidendrum concolor*.

*Pollardia ghiesbreghtiana* (A.Rich. & Galeotti) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 224. 2004: *Epidendrum ghiesbreghtianum*.

*Pollardia greenwoodiana* (Aguirre-Olav.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 226. 2004: *Encyclia greenwoodiana*.

*Pollardia hastata* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 228. 2004: *Epidendrum hastatum*.

*Pollardia linkiana* (Klotzsch) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 229. 2004: *Epidendrum linkianum*.

*Pollardia livida* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 231. 2004: *Epidendrum lividum*.

*Pollardia michuacana* (La Llave & Lex.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 233. 2004: *Epidendrum michuacanum*.

*Pollardia obpiribulbon* (Hágsater) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 235. 2004: *Encyclia obpiribulbon*.

*Pollardia pringlei* (Rolfe) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrum* 237. 2004: *Epidendrum pringlei*.

*Pollardia pterocarpa* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 238. 2004: *Epidendrum pterocarpum*.

*Pollardia punctulata* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 240. 2004: *Epidendrum punctulatum*.  
*Pollardia semiaperta* (Hágsater) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 242. 2004, as "semiaptera" *Encyclia semiaperta*.

*Pollardia tripunctata* Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 244. 2004, nom. nov, published as a comb. nov.:  
*Epidendrum tripunctatum* Lindl.

*Pollardia varicosa* (Bateman) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 245. 2004: *Epidendrum varicosum*.

*Pollardia venosa* (Lindl.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 247. 2004: *Epidendrum venosum*.

*Polycynis blancoi* G.Gerlach in *Lankesteriana* 4(1): 67 (-69; figs. 1-3). 2004 [30 Apr 2004] - Costa Rica.

*Polystachya principia* Stévant & P.J.Cribb in *Kew Bull.* 59(1): 81 (-83; fig. 3). 2004 [August 2004] - Principe, Gulf of Guinea Is., Africa

*Ponthieva gimana* Dodson, *Native Ecuadorian Orchids* 4: 882 (816; fig. 1907). 2003 [May 2003] - Ecuador.

*Prasophyllum crebriflorum* D.L.Jones in *Muelleria* 18: 103 (-105; fig. 3). 2003 - Tasmania, Australia.

*Prasophyllum incorrectum* D.L.Jones in *Muelleria* 18: 107 (106-108; fig. 4). 2003 - Tasmania, Australia.

×*Procycleya* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Cattleya* Lindl. × *Encyclia* Hook. × *Prosthechea* Knowles & Westc.)

×*Prosarthron* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Caularthron* Raf. × *Prosthechea* Knowles & Westc.)

×*Proslia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Laelia* Lindl. × *Prosthechea* Knowles & Westc.)

*Prosthechea arminii* (Rchb.f.) Withner & P.A.Harding, *Cattleyas & Relatives: Debatable Epidendrums* 254. 2004: *Epidendrum arminii*.

×*Prosyclia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Encyclia* Hook. × *Prosthechea* Knowles & Westc.)

×*Psychocentrum* J.M.H.Shaw in *Orchid Rev. Suppl.*,

112(1256): 28. 2004 (*Psychopsis* Raf. × *Trichocentrum* Poepp. & Endl.).

×*Psythechea* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Prosthechea* Knowles & Westc. × *Psychilis* Raf.).

×*Psytonia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Broughtonia* R.Br. × *Psychilis* Raf.).

×*Renachilus* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Renanthera* Lour. × *Staurochilus* Ridl.).

*Rhomboda kerintjiensis* (J.J.Sm.) Ormerod in *Oasis Suppl.* 3: 18. 2004 [April 2004]: *Hetaeria kerintjiensis*.

×*Rhyncada* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Ada* Lindl. × *Rhynchosteale* Rchb.f.).

×*Rhyndiranda* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 26. 2004 (*Rhynchostylis* Blume × *Sedirea* Garay & H.R.Sweet × *Vanda* Jones).

×*Rhyntonossum* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Miltonia* Lindl. × *Odontoglossum* Kunth × *Rhynchosteale* Rchb.f.).

×*Robinstevensara* G.Black & J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 26. 2004 (*Cochleanthes* Raf. × *Pescatorea* Rchb.f. × *Zygopetalum* Hook.).

*Sarcoglottis turkeliae* Christenson in *Richardiana* 4(3): 137 (-138; fotogr.). 2004 [8 Jun 2004] - Ecuador.

×*Sarvandopanthera* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Renanthera* Lour. × *Sarcanthopsis* Garay × *Vandopsis* Pfitzer).

×*Sarvandopsis* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Sarcanthopsis* Garay × *Vandopsis* Pfitzer).

*Satyrrium* ×*fibeckii* Phiri in *Orchidee (Hamburg)* 55(2): 194 (-195; fotogr.). 2004 [27 Apr 2004] - Zimbabwe.

×*Schombocyclia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Encyclia* Hook. × *Schomburgkia* Lindl.).

×*Schombolaelia fuchsii* (Hamer ex J.M.H.Shaw) J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 47. 2004: ×*Myrmecolaelia fuchsii*.

×*Schombolaelia tibibrosa* F.Hanb. ex Rolfe in *Orchid Rev.* 27(317-318): 91. 1919 (*Laelia tenebrosa* (R.A.Rolfe) R.A.Rolfe × *Schomburgkia tibicinis* Bateman).

×*Schomechea* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Prosthechea* Knowles & Westc. × *Schomburgkia* Lindl.).

*Smithanthe* Szlach. & Marg. in *Orchidee (Hamburg)* 55(2): 172. 2004 [27 Apr 2004].

*Smithanthe carnea* (Weathers) Szlach. & Marg. in *Orchidee (Hamburg)* 55(2): 174. 2004 [27 Apr 2004]: *Habenaria carnea*.

*Smithanthe erichmichalii* (Christenson) Szlach. & Marg. in *Orchidee (Hamburg)* 55(2): 174. 2004 [27 Apr 2004]: *Habenaria erichmichalii*.

*Smithanthe rhodochelia* (Hance) Szlach. & Marg. in *Orchidee (Hamburg)* 55(2): 174. 2004 [27 Apr 2004]: *Habenaria rhodochelia*.

*Smithanthe rhodochelia* (Hance) Szlach. & Marg. subsp. *philippinensis* (Ames) Szlach. & Marg. in *Orchidee (Hamburg)* 55(2): 174. 2004 [27 Apr 2004]: *Habenaria militaris* Rchb.f. var. *philippinensis*.

*Stolzia thomensis* Stévar & P.J.Cribb in *Kew Bull.* 59(1): 83 (-85; fig. 4). 2004 [August 2004] - São Tomé, Gulf of Guinea Is.

×*Summerangis* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1259): 76. 2004 [Aug. 2004] (*Aerangis* Rchb.f. × *Summerhayesia* P.J.Cribb).

*Telipogon nirii* Ackerman in *Lankesteriana* 4(1): 48 (-49; fig. 1). 2004 [30 Apr 2004], as "niri" - Dominican Republic.

*Thelymitra albiflora* Jeanes in *Muelleria* 19: 38 (-40, 33, 37; figs. 2g-i, 16). 2004 - South Australia.

*Thelymitra basaltica* Jeanes in *Muelleria* 19: 35 (-37, 33; figs. 2a-c, 13). 2004 - Victoria.

*Thelymitra batesii* Jeanes in *Muelleria* 19: 64 (-66, 59; fig. 31). 2004 - South Australia.

*Thelymitra bracteata* J.Z.Weber ex Jeanes in *Muelleria* 19: 43 (-44, 34, 42; figs. 3d-f, 19). 2004 - South Australia; Victoria; Tasmania,

*Thelymitra brevifolia* Jeanes in *Muelleria* 19: 30 (-33, 26, 35; figs. 1g-i, 12). 2004 - Victoria; South Australia; New South Wales; Australian Capital Territory; Tasmania.

*Thelymitra cyanapicata* Jeanes in *Muelleria* 19: 40 (-43, 34; figs. 3a-c, 18). 2004 - South Australia.

*Thelymitra exigua* Jeanes in *Muelleria* 19: 28 (-30, 26, 33; figs. 1d-f, 10). 2004 - Victoria; South Australia; Tasmania.

*Thelymitra frenchii* Jeanes in *Muelleria* 19: 66 (-67, 59; fig. 33). 2004 - Western Australia.

*Thelymitra inflata* Jeanes in *Muelleria* 19: 71 (-73, 60,

69; figs. 7g-i, 37). 2004 - South Australia; Victoria; Tasmania.

*Thelymitra lucida* Jeanes in *Muelleria* 19: 70 (-71, 60, 69; figs. 7d-f, 36). 2004 - Victoria; Tasmania.

*Thelymitra malintana* Blanco, Fl. Filip. 642. 1837 - Philippines.

*Thelymitra pallidiflora* Jeanes in *Muelleria* 19: 44 (-46, 34, 42; figs. 3g-i, 21). 2004 - Victoria.

*Thelymitra peniculata* Jeanes in *Muelleria* 19: 50 (-53, 34; figs. 5d-f, 25). 2004 - New South Wales; South Australia; Australian Capital Territory; New South Wales; Victoria; Tasmania.

*Thelymitra viridis* Jeanes in *Muelleria* 19: 36 (-38, 33; figs. 2d-f, 15). 2004 - Tasmania.

*Thelymitra vulgaris* Jeanes in *Muelleria* 19: 58 (60-62, 57; figs. 6d-f, 40). 2004 - Western Australia.

*Thelymitra xanthotricha* Jeanes in *Muelleria* 19: 75 (-77, 60; figs. 8d-f, 41). 2004 - Western Australia.

×*Trichassia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Brassia* R.Br. × *Trichocentrum* Poepp. & Endl.).

×*Trichocentilus* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Leochilus* Knowles & Westc. × *Trichocentrum* Poepp. & Endl.).

×*Trichocensiella* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Psychopsiella* E.Lückel & Braem × *Trichocentrum* Poepp. & Endl.).

*Trichocentrum longicalcaratum* Rolfe in *Orchid Rev.* 4(45): 260. 1896 [Sept. 1896]

*Tridactyle anthomaniaca* (Rchb.f.) Summerh. subsp. *nana* P.J.Cribb & Stévar in *Kew Bull.* 59(2): 205 (204; fig. 5). 2004 [Oct. 2004], as "anthomoniaca" and "armeniaca" in error - Equatorial Guinea.

*Tridactyle aurantiopunctata* P.J.Cribb & Stévar in *Kew Bull.* 59(2): 201 (200-202; fig. 3). 2004 [Oct. 2004] - Principe, Gulf of Guinea Is.

*Tridactyle exellii* P.J.Cribb & Stévar in *Kew Bull.* 59(2): 195 (-197, 199; fig. 1). 2004 [Oct. 2004] - São Tomé, Gulf of Guinea Is.

*Tridactyle pentalobata* P.J.Cribb & Stévar in *Kew Bull.* 59(2): 202 (-203, 205; fig. 4). 2004 [Oct. 2004] - Gabon.

*Tridactyle thomensis* P.J.Cribb & Stévar in *Kew Bull.* 59(2): 199 (198-199, 201; fig. 2). 2004 [Oct. 2004] - São Tomé, Gulf of Guinea Is.

- ×*Vananthopsis* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Sarcanthopsis* Garay × *Vanda* Jones).
- ×*Vandoglossum moorei* (Rolfe) J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 47. 2004: *Vanda moorei*.
- ×*Veramayara* R.A.Stevens & J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Cochleanthes* Raf. × *Pabstia* Garay × *Pescatorea* Rchb.f. × *Zygopetalum* Hook.).
- Veyretia rupicola* (Garay) F.Barros in *Hoehnea* 30(3): 183. 2003 [30 Dec. 2003]: *Sarcoglottis rupicola*.
- ×*Watsonara* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Brassia* R.Br. × *Odontoglossum* Kunth × *Oncidium* Sw. × *Trichocentrum* Poepp. & Endl.)
- ×*Wiseara* E.Wise, D.Wise & J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1257): 46. 2004 (*Anguloa* Ruiz & Pav. × *Lycaste* Lindl. × *Xylobium* Lindl.).
- ×*Zelenettia* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Comparettia* Poepp. & Endl. × *Zelenkoa* M.W.Chase & N.H.Williams).
- ×*Zelenkoara* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Leochilus* Knowles & Westc. × *Oncidium* Sw. × *Rodriguezia* Ruiz & Pav. × *Zelenkoa* M.W.Chase & N.H.Williams).
- ×*Zelenkocidium* J.M.H.Shaw in *Orchid Rev. Suppl.*, 112(1256): 28. 2004 (*Oncidium* Sw. × *Zelenkoa* M.W.Chase & N.H.Williams).

## Recent Literature

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## Bibliography and books

- Akhalkatsi, M., Kimeridze, M., Kunkle, S., Lorenz, R., and Mosulishvili, M. 2003. *Diversity and Conservation of Georgian Orchids*. GSNE, Tbilisi.
- Braga, P. I. S. 1976. *Aspectos Biologicos das Orchidaceae de Uma Campina da Amazonia Central*. Instituto Nacional de Pesquisas da Amazonia/ Universidade do Amazonas, Manaus.
- Braga, P. I. S. 1982. *Aspectos Biologicos das Orchidaceae de Uma Campina da Amazonia Central*.

*II. Fitogeografia das Campinas da Amazonia Brasileira*. Instituto Nacional de Pesquisas da Amazonia/ Universidade do Amazonas, Manaus.

- Brunel, C., and others. 2002. *Les Orchidees de Picardie*. Societe Linneenne Nord Picardie, Picardie..
- Dodson, C. 2003. *Native Ecuadorian Orchids. Volume IV: Oncidium - Restrepiopsis*. Dodson Trust, Sarasota, Florida.
- Fernando, M., Wijesundara, S., and Fernando, S. 2003. *Orchids of Sri Lanka: A Conservationist's Companion. A Simplified Guide to Identification. Volume 1. The Protected Orchids and Selected Similar Species*. IUCN, Colombo.
- Isaja, A. and Dotti, L. 2003. *Le Orchidee Spontanee della Valle di Susa*. Alzani, Pinerolo.
- Jouandoudet, F. 2004. *A la Decouverte des Orchidees Sauvages d'Aquitaine*. Biotope, Meze.
- Kreutz, C. A. J. 2003. *Feldfuhrer der Turkischen Orchideen*. The author, Landgraaf.
- Li, H., ed. 2003. (*Flora Yunnanica. Tomus 14. Spermatophyta*.) Science Press, Beijing.
- Misra, S. 2004. *Orchids of Orissa*. Bishen Singh Mahendra Pal Singh, Dehra Dun.
- Ossenbach Sauter, C. 2003. *Breve Historia de la Orquideologia en Costa Rica*. Editorial de la Universidad de Costa Rica, San Jose.
- Perko, M. L. 2004. *Die Orchideen Karntens: heimische Arten, Ikonographie, Verbreitung, oekologische Anspruche, Gefahrung und Schutz*. Arge Naturschutz, Klagenfurt.
- Rusea, G. and Osman, K. 2004. *Orchids of Perlis: Jewel of the Forest*. Universiti Putra Malaysia, Serdang, Malaysia.
- Sebebe, D., Cribb, P., and Rasmussen, F. 2004. *Field Guide to Ethiopian Orchids*. Royal Botanic Gardens, Kew.
- Sex, S. and Sayers, B. 2004. *Ireland's Wild Orchids*. Susan Sex Wild Orchids, Portmarnock, Ireland.
- Van den Berg, C. 2000. *Molecular phylogenetics of tribe Epidendreae with emphasis on subtribe Laeliinae (Orchidaceae)*. Ph.D. thesis. University of Reading, Reading, UK.
- Withner, C. L. and Harding, P. A. 2004. *The Cattleyas and their Relatives: the Debatable Epidendrums*. Timber Press, Portland, Oregon.

## Anatomy and morphology

Borsos, O. 1990. An anatomical-histochemical study of wild orchid tubers in Hungary. *Acta Univ. Wratislaviensis* No. 1055: 25-31.

Davies, K. L. and Turner, M. P. 2004. Pseudopollen in *Eria* Lindl. section *Mycaranthes* Rchb.f. (Orchidaceae). *Ann. Bot.* 94: 707-715.

Davies, K. L. and Winter, C. 1999. The role of low-vacuum scanning electron microscopy in the study of orchids. *Microscopy & Analysis* Novem.: 17-18.

Melcher, I. M., Bouman, F., and Cleef, A. M. 2004. Seed atlas of the monocotyledonous genera of the páramo. *Flora* 199: 286-308. [*Altensteinia*, *Barbosella*, *Brachionidium*, *Cranichis*, *Elleanthus*, *Epidendrum*, *Gomphichis*, *Lepanthes*, *Myrosmodus*, *Odontoglossum*, *Pachyphyllum*, *Pterichis*, *Stelis*, *Stenorrhynchos*, *Telipogon*]

Oliveira, V. C. and Sajo, M. G. 2001. Morfo-anatomia caulinar de nove espécies de Orchidaceae. *Acta Bot. Bras.* 15: 177-188.

Padua Teixeira, S. de, Borba, E. L., and Semir, J. 2004. Lip anatomy and its implications for the pollination mechanisms of *Bulbophyllum* species (Orchidaceae). *Ann. Bot. (UK)* 93(5): 499-505.

Prychid, C. J., Rudall, P. J., and Gregory, M. 2004. Systematics and biology of silica bodies in monocotyledons. *Bot. Rev.* 69: 377-440. [*Cephalanthera*, *Angraecum*]

Shamrov, I. I. and Anisimova, G. M. 2003. Stages of structural-functional reorganization during ovule and seed development. *Bot. Zh., Ross. Akad. Nauk* 88: 21-45.

Sharma, J., Kumar, Y., and Joy, K. A. 2004. SEM characterization of Indian *Paphiopedilum* Pfitz. (Orchidaceae) based on seed morphometry. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 49-56. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.

Stern, W. L., Judd, W. S., and Carlswald, B. S. 2004. Systematic and comparative anatomy of Maxillarieae (Orchidaceae), sans Oncidiinae. *Bot. J. Linn. Soc.* 144(3): 251-274.

Stpiczynska, M. 2001. Osmophores of the fragrant orchid *Gymnadenia conopsea* L. (Orchidaceae). *Acta Soc. Bot. Pol.* 70: 91-96.

Stpiczynska, M. and Matusiewicz, J. 2001. Anatomy and ultrastructure of spur nectary of *Gymnadenia conopsea* (L.) Orchidaceae. *Acta Soc. Bot. Pol.* 70: 267-272.

Swamy, K. K., Kumar, H. N. K., Ramakrishna, T. M., and Ramaswamy, S. N. 2004. Studies on seed morphometry of epiphytic orchids from Western ghats of Karnataka. *Taiwania* 49: 124-140.

Teixeira, S. de P., Borba, E. L., and Semir, J. 2004. Lip anatomy and its implications for the pollination mechanisms of *Bulbophyllum* species (Orchidaceae). *Ann. Bot.* 93: 499-505.

Veyret, Y. 2001. A survey of the ovary of Orchidaceae from anthesis to its maturity. In *Orchids: Science and Commerce* (ed. Pathak, P., Sehgal, R. N., Shekhar, N., Sharma, M., and Sood, A.), pp. 255-286. Bishen Singh Mahendra Pal Singh, Dehra Dun, India.

Zanenga-Godoy, R. and Costa, C. G. 2003. Anatomia foliar de quatro espécies do gênero *Cattleya* Lindl. (Orchidaceae) do Planalto Central Brasileiro. *Acta Bot. Bras.* 17: 101-118.

## Cytogenetics

Bartolo, G. D., Emerico, S., Pulvirenti, S., Terrasi, M. C., and Stuto, S. 2003. Cytotaxonomical considerations on *Epipactis robatschiana* (Orchidaceae), a new species from Calabria (S Italy). *Caryologia* 56(4): 439-445.

Bernardos, S., Tyteca, D., and Amich, F. 2004. Cytotaxonomic study of some taxa of the subtribe Orchidinae (Orchidoideae, Orchidaceae) from the Iberian Peninsula. *Israel J. Pl. Sci.* 52(2): 161-170.

Luo, Y. B. 2004. Cytological studies on some representative species of the tribe Orchideae (Orchidaceae) from China. *Bot. J. Linn. Soc.* 145(2): 231-238.

## Ecology

Tali, K., Foley, M. J. Y., and Kull, T. 2004. *Orchis ustulata* L. *J. Ecol.* 92: 174-184.

## History

Cribb, P. 2004. John Day's orchid scrapbooks - a little known resource for tropical Asian orchidology. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 27-34. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.

la Croix, I. 2003. Following Dr. Livingstone: orchids collected on the Zambesi expedition, 1858-1863. In

*Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 196-205. Naturalia Publications, Turriers, France.

Riviere, P. 2004. Confused identities - the Schomburgk brothers. *Orchid Rev.* 112(1255): 51-55.

Sanjappa, M. and Sathish Kumar, C. 2004. 19th century *Phalaenopsis* paintings of Central National Herbarium (CAL), India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 61-71. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.

Zelenko, H. 2004. Orchids in art: *Phragmipedium kovachii* Atwood, Dalstrom and Fernandez. *Orchids* 73(2): 116-117.

### Micropropagation/seed germination

Chou, L. C. and Chang, D. C. N. 2004. Asymbiotic and symbiotic seed germination of *Anoectochilus formosanus* and *Haemaria discolor* and their F<sub>1</sub> hybrids. *Bot. Bull. Acad. Sin. (NS)* 45: 143-147.

### Palynology

Furness, C. A. and Rudall, P. J. 2003. Apertures with lids: distribution and significance of operculate pollen in monocotyledons. *Int. J. Pl. Sci.* 164: 835-854. [*Apostasia*, *Neuwiedia*]

Gupta, V. and Vijayaraghavan, M. R. 2001. The orchid pollinarium - its development and ultrastructure. In *Orchids: Science and Commerce* (ed. Pathak, P., Sehgal, R. N., Shekhar, N., Sharma, M., and Sood, A.), pp. 287-304. Bishen Singh Mahendra Pal Singh, Dehra Dun, India.

Harley, M. M. 2004. Triaperturate pollen in the monocotyledons: configurations and conjectures. *Pl. Syst. Evol.* 247: 75-122.

### Physiology

Odoux, E., Escoute, J., Verdeil, J-L., and Brillouet, J-M. 2003. Localization of B-D-glucosidase activity and glucovanillin in vanilla bean (*Vanilla planifolia* Andrews). *Ann. Bot.* 92: 437-444.

Wu, C., Liang, C., and Ye, X. 2004. The effects of low temperature on ovule development of *Phalaenopsis*. *J. Trop. Subtrop. Bot.* 12: 129-132.

### Pollination

Borba, E. L. and Braga, P. I. S. 2003. Biologia reprodutiva de *Pseudolaelia corcovadensis* (Orchidaceae): melitofilia e autocompatibilidade em uma Laeliinae basal. (Reproductive biology of *Pseudolaelia corcovadensis* Porto & Brade (Orchidaceae): melittophyly and self-compatibility in a basal Laeliinae.) *Rev. Brasil. Bot.* 26(4): 541-549.

Singer, R. B., Flach, A., Koehler, S., Marsaioli, A. J., and Amaral M. C. E. 2004. Sexual mimicry in *Mormolyca ringens* (Lindl.) Schltr. (Orchidaceae: Maxillariinae). *Ann. Bot.* 93: 755-762.

### Systematics and distribution

Ackerman, J. D. 2004. Notes on the Caribbean orchid flora. 5. New species, combinations and records. *Lankesteriana* 4(1): 47-56.

Allard, M. and Grasso, M. P. 2004. *Ophrys ×barbaricina*, hybr. nat. nov. de Sardaigne. *Orchidophile* 35(1)no.160: 59-62.

Atwood, J. T. 2003. Review of the *Maxillaria graminifolia* (Kunth) Rchb.f. (Orchidaceae) suballiance. *Selbyana* 24(2): 144-164.

Aubron, M. 2004. The genus *Porroglossum* Schltr. - Part 1. *Orchid Rev.* 112(1257): 179-183.

Aubron, M. 2004. The genus *Porroglossum* Schltr. - Part 2. *Orchid Rev.* 112(1259): 283-286.

Averyanov, L. 2004. *Dendrobium tuananhii*. *Orchids* 73(2): 134-136.

Averyanov, L. V. and Averyanova, A. L. 2004. *Renanthera vietnamensis*, a red-flowered species from the limestone areas of northern Vietnam. *Orchids* 73(7): 532-539.

Bajracharya, D. M., Shakya, L. R., and Chettri, M. K. 2002. *Eria baniaii* sp. nov. (Orchidaceae) - a new species from Kathmandu valley, Nepal. *J. Orchid Soc. India* 16(1-2): 91-93.

Bandisch, W. H. 2004. Papua New Guinea orchid research. *J. Orchideenfreund* 11(1): 20-27.

Barros, F. de and Lourenco, R. de A. 2004. Synopsis of the Brazilian orchid genus *Grobya*, with the description of two new species. *Bot. J. Linn. Soc.* 145(1): 119-127.

Barros, F. de. 2003. Notas taxonomicas sobre especies brasileiras dos generos *Catasetum*, *Isabelia*, *Veyretia*, *Acianthera* e *Anathallis* (Orchidaceae). (Taxonomic notes for Brazilian species of the genera *Catasetum*, *Isabelia*, *Veyretia*, *Acianthera*, and *Anathallis* (Orchidaceae).) *Hoehnea* 30(3): 181-191.

Barros, F., de. 2004. Taxonomic and nomenclatural notes on Brazilian Orchidaceae. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 7-22. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.

Bates, B. 2004. New records and extensions of known distribution for orchids in SA 2003. *J. Native Orchid Soc. S. Australia* 28(1): 9.

- Batista, J. A. N. and Bianchetti, L. B. 2004. Three new taxa in *Cyrtopodium* (Orchidaceae) from central and southeastern Brazil. *Brittonia* 56(3): 260-274.
- Batista, J. A. N. and Bianchetti, L. de B. 2003. Lista atualizada das Orchidaceae do Distrito Federal. (Checklist of the Orchidaceae from the Distrito Federal.) *Acta Bot. Brasil.* 17(2): 183-201.
- Baumann, H., Kunkele, S., and Lorenz, R. 2004. *Ophrys speculum* Link, ein illegitimer Name. (*Ophrys speculum* Link, an illegitimate name.) *J. Eur. Orchideen* 36(2): 561-583.
- Benitez, EM. 2004. Phenologie de quelques especes du genre *Encyclia* Hook. a Cuba. *Orchidophile* 35(1)no.160: 11-17.
- Benito Ayuso, J. and Tabuenca, J. M. 2004. *Epipactis provincialis* A. Aubenas & K. Robatsch dans la Peninsule Iberique. *Orchidophile* 35(2)no.161: 107-112.
- Berger, L, Gerbaud, O. 2004. Quelques observations sur les *Ophrys* du groupe d' *O. tenthredinifera* Willdenow en Corse. *Orchidophile* 35(2)no.161: 95-100.
- Berger, L. 2004. Observations sur le comportement de quelques pollinisateurs d'orchidees (3e partie). *Orchidophile* 35(1)no.160: 19-35.
- Berkutenko, A. N. and Yukawa, T. 2001. *Liparis kumokiri* F.Maekawa (Orchidaceae): new record for mainland part of the Russian Far East. In Flora and climatic conditions of the North Pacific (ed. A. N. Berkutenko, H. G. Lumsden, and D. Lumsden), pp. 129-131. Institute of Biological Problems of the North, Far East Branch, Russian Academy of Sciences, Magadan.
- Bernardos, S., Tyteca, D., Crespit, A., and Amich, F. 2004. Biostatistical studies of northeastern Portuguese populations of the *Epipactis helleborine* (L.) Crantz and *E. tremolsii* Pau species groups (Orchidaceae). *Acta Bot. Gallica* 151(1): 33-43.
- Bernardos, S., Tyteca, D., Revuelta, J. L., and Amich, F. 2004. A new endemic species of *Epipactis* (Orchidaceae) from north-east Portugal. *Bot. J. Linn. Soc.* 145(2): 239-249.
- Beyer, C., Herrmann, R., and Kohlmuller, R. 2004. Sensationeller Fund in Sichuan *Cypripedium micranthum*. *J. Orchideenfrend* 11(3): 222-226.
- Blinova, I. 2004. Orchid flora of Murmansk region (north-west Russia): history, phytogeography, ecology and conservation. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 135-142. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Bock, I. 2004. *Dendrobium trantuanii* - eine Neubeschreibung und dann. *Orchidee* 55(4): 521-525.
- Bock, R. 2004. *Catasetum*. *Orchid Rev.* 112(1257): 144-148.
- Bones, S. 2004. *Oncidium ornithorhynchum* Hbk. *J. Orchid Soc. Gr. Brit.* 53(2): 86-88.
- Borba, E. L. and Smidt, E. C. 2004. *Bulbophyllum filifolium* (Orchidaceae), a new species from southeastern Brazil. *Novon* 14(1): 29-32.
- Bosser, J. 2004. Contribution a l'etude des Orchidaceae de Madagascar, des Comores et des Mascareignes. 33. (Contribution to the study of Orchidaceae from Madagascar, the Comoro and Mascarene islands.) *Adansonia* 26(1): 53-61.
- Braem, G. J. 2003. *Paphiopedilum vietnamense* et quelques notes sur le genre *Paphiopedilum* sous-genre *Parvisepalum*. *Orchidees Cult. Protect.* no.56: 5-12.
- Braem, G. J. 2004. *Phragmipedium kovachii*, *Schluckebieria* - nouvelle section du genre *Phragmipedium* - et reflexions sur les pratiques taxinomiques. *Richardiana* 4(3): 89-102.
- Cahuzac, B., Laporte, Cru J., Lazare, J. J., and Pujos, J. 2004. Presence de *Dactylorhiza brennensis* (E. Nelson) Tyteca & Gathoye en Aquitaine. *J. Bot. Soc. Bot. France* no.25: 39-42.
- Cameron, K. M. 2004. Utility of plastid *psaB* gene sequences for investigating intrafamilial relationships within Orchidaceae. *Molec. Phylogeny. Evol.* 31: 1157-1180.
- Castro Neto, V. P. and Silva, J. B. F. da. 2004. Une nouvelle espece d' *Encyclia* (Orchidaceae) d'Amazonas (Bresil). *Richardiana* 4(3): 139-143.
- Cavestro, W. 2004. *Oeonia*, *Cryptopus* and *Neobathiea*: three angraecoid genera. 1. The genus *Oeonia* Lindl. *Orchid Rev.* 112(1258): 219-226, 229.
- Cavestro, W. 2004. The genus *Cryptopus* Lindl. *Orchid Rev.* 112(1259): 287-291.
- Chase, M. 2003. DNA data and Orchidaceae systematics: a new phylogenetic classification. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 92-94. Naturalia Publications, Turriers, France.
- Chase, M. W., Cameron, K. M., Barrett, R. L., and Freudenstein, J. V. 2003. DNA data and Orchidaceae systematics: a new phylogenetic classification. In *Orchid Conservation* (ed. K. W. Dixon, S. P. Kell, R. L. Barrett, and P. J. Cribb), pp. 69-89. Natural History Publications (Borneo), Kota Kinabalu.

- Chauhan, A. S. 2001. A conspectus of orchids of Manipur: their status and conservation. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 81-99. BSMPS, Dehra Dun.
- Chiron, G. R. and Castro Neto, V. P. 2003. What are Brazilian laelias? In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 95-107. Naturalia Publications, Turriers, France.
- Chiron, G. R. and Castro Neto, V. P. 2004. Contribution a la connaissance des orchidees du Bresil. *Richardiana* 4(3): 109-133.
- Chowdhery, H. J. 2004. Lady's slipper orchids of India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 35-48. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Chowdhery, H. J. 2001. Orchid diversity in north-east India. *J. Orchid Soc. India* 15(1-2): 1-17.
- Christenson, E. A. 2004. *Maxillaria ocephylla*. A lost South American species is illustrated for the first time. *Orchids* 73(3): 214-215.
- Christenson, E. 2004. *Erythrodites erythrodoides*. *Orchid Rev.* 112(1255): 47-49.
- Christenson, E. 2004. *Systeloglossum bennettii*. *Orchid Rev.* 112(1257): 184-185.
- Christenson, E. A. 2003. *Cynoches powellii*: a recently rediscovered species from Panama. *Orchids* 72(12): 940-941.
- Christenson, E. A. 2004. Deux nouvelles orchidees terrestres d'Equateur. *Richardiana* 4(3): 134-138.
- Christenson, E. A. 2004. *Maxillaria macrura*. A yellow color form of a rare showy *Maxillaria* from Venezuela. *Orchids* 73(3): 216.
- Christenson, E. A. 2004. The genus *Warmingia*. *Orchid Rev.* 112(1256): 84-88.
- Christenson, E. A. 2004. Three recently described *Cymbidium* species from Yunnan, China. *CSA J.* 4(1): 40, 42-44.
- Christenson, E. A. 2004. Two new *Leptotes* species from Brazil. *Orchids S. Afr.* 35: 52-56.
- Christenson, E. A. 2004. *Maxillaria luteo-grandiflora*, a South American species long mistaken for *Maxillaria triloris*. *Orchids* 73(6): 458-461.
- Christenson, E. and Klikunas, W. 2004. A trio of trichopilias. *Orchid Dig.* 68(1): 14-16.
- Claessens, J., Kleynen, J., Baum, A., Baum, H., and Opitz, F. 2004. *Epipactis leptochila* var. *neglecta* in der Eifel. *J. Orchideenfreund* 11(1): 15-20.
- Cootes, J. 2004. Two beautiful native orchid species from the Blue Mountains of New South Wales, Australia. *Orchid Rev.* 112(1256): 111-113.
- Cribb, P. 2003. Old friends and new: fresh insights into the evolution and classification of *Cymbidium*. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 108-118. Naturalia Publications, Turriers, France.
- Cribb, P. 2004. Unusual orchids in Ethiopia. *J. Orchideenfreund* 11(1): 5-14.
- Cribb, P. and Pollard, B. J. 2004. *Bulbophyllum kupense* P.J. Cribb & B.J. Pollard, an unusual new orchid from western Cameroon. *Kew Bull.* 59(1): 137-139.
- Cribb, P., Pearce, N., and Dorji, Y. 2001. William Griffith and his Bhutanese *Vanda* species In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 29-33. BSMPS, Dehra Dun.
- Crvenka, M. 1999. *Hrvatske Orchideje: Slikovnica Izabranih Kacuna*. Inmedia, Zagreb.
- De, A. and Hajra, P. K. 2001. The genus *Tropidia* Lindl. in India. *J. Orchid Soc. India* 15(1-2): 49-57.
- Delepierre, G. and Lebel, J. P. 2004. Supplement a l'etude des Orchidaceae du Rwanda (6). (Contributions to the study of the Orchidaceae in Rwanda (6).) *Taxonomania* no.13: 16-18.
- Demares, M. 2004. Un hybride intergenerique d'orchidees des Alpes-de-Haute-Provence. *Orchidophile* 35(1)no.160: 63-66.
- Dentant, C. 2004. Decouverte de *Limodorum trabutianum* Batt. dans les Alpes de Haute-Provence. *Orchidophile* 35(3)no.162: 201-203.
- Deori, C., Hynniewta, T. M., and Phukan, S. 2004. *Dendrobium numaldeorii* - a new species from India. *Orchid Rev.* 112(1259): 279-282.
- Deutsch, H. 2004. Kreta - Orchideen und Retsina (oder umgekehrt?). *J. Orchideenfreund* 11(2): 117-123.
- Dickmann, H. U. 2004. Neues aus Deutsch-Nordost. (New orchid findings in northeast Germany.) *J. Eur. Orchideen* 36(2): 599-604.
- Dressler, R. L. 2003. Mesoamerican orchid novelties: 4. *Malaxis*. *Selbyana* 24(2): 141-143.
- Dressler, R. L. 2004. A key to the Central American species of *Encyclia*. *Orchid Dig.* 68(2): 88-92.

- Dressler, R. L. 2004. Una clave preliminar para las *Trichopilia* Centroamericanas. A preliminary key to the species of *Trichopilia* in Mesoamerica. *Orquideologia* 23(1): 35-48.
- Dressler, R. L. 2004. Validation of four *Malaxis* species (Orchidaceae). *Lankesteriana* 4(1): 97.
- Dressler, R. L. 2004. Zwei neue Arten von *Elleanthus* aus Panama. Two new species of *Elleanthus* from Panama. *J. Orchideenfreund* 11(2): 142-148.
- Dressler, R. L., Whitten, W. M., and Williams, N. H. 2004. Phylogenetic relationships of *Scaphyglottis* and related genera (Laeliinae: Orchidaceae) based on nrDNA ITS sequence data. *Brittonia* 56(1): 58-66.
- Droissart, V. and Stevart, T. 2004. Note ecologique sur *Bulbophyllum teretifolium* Schltr., une Orchidaceae endemique du Cameroun. *Taxonomania* no.13: 1-4.
- Erfkamp, J. 2004. Dendrobium - Sektion Dendrobium Teil 1. *Orchidee* 55(2): 196-201.
- Erfkamp, J. 2004. Dendrobium - Sektion Dendrobium Teil 2. *Orchidee* 55(3): 343-349.
- Erfkamp, J. 2004. Dendrobium - Sektion Dendrobium Teil 3. *Orchidee* 55(4): 454-459.
- Escalante, R.-S. 1992. De las plantas y sus familias. Las orquideas. In *Boletín Informativo* num. 6, pp. 15-19, 23. Jardín Botánico Regional, Centro de Investigación Científica de Yucatán, Mérida.
- Esnault, S. 2004. *Ophrys speculum* Link en Lot-et-Garonne. *Orchidophile* 35(3)no.162: 199-201.
- Faisthuber, W. 2004. *Oerstedella centradenia* Rchb. f. und *Oerstedella centropetala* Rchb. f. in Costa Rica - Synonyme oder zwei verschiedene Arten? *Orchidee* 55(1): 60-61.
- Fedotov, YuP, Evstigneev, OI. 2003. (Records of rare species of orchids (Orchidaceae) in Bryansk region.) *Bot. Zhurn.* 88(10): 118-121.
- Fibeck, W. and Phiri, V. 2004. *Satyrium* - Afrikanische Erdorchideen (8). *Orchidee* 55(2): 185-193.
- Field, L. 2004. The genus *Dendrobium* Swartz 1799. *J. Native Orchid Soc. S. Australia* 28(1): 10.
- Foley, M. J. Y. 2004. A summary of the past and present status of *Spiranthes aestivalis* (Poir.) Rich. (Orchidaceae) (summer lady's-tresses) in northwest Europe. *Watsonia* 25(2): 193-201.
- Fraga, C. N. de and Peixoto, A. L. 2004. Florística e ecologia das Orchidaceae das restingas do estado do Espírito Santo. *Rodriguesia* 55(84): 5-20.
- Fraga, C. N. de. 2004. *Bulbophyllum boudetiana* (Orchidaceae), a new species from the Brazilian Atlantic forest, Espírito Santo. *Novon* 14(1): 40-42.
- Freudenstein, J. V., van den Berg, C., Goldman, D. H., Kores, P. J., Molvray, M., and Chase, M. W. 2004. An expanded plastid DNA phylogeny of Orchidaceae and analysis of jackknife branch support strategy. *Amer. J. Bot.* 91(1): 149-157.
- Galan Cela, P., Gamarra Gamarra, R., and Sordo Ansorena, R. 2004. Novedades corológicas y taxonomicas sobre orquideas ibericas. (Chorological and taxonomical novelties on Iberian orchids.) *Lazaroa* 24: 13-17.
- Galesi, R., Cristaudo, A., and Maugeri, G. 2004. Contributo alla conoscenza delle Orchidaceae nella provincia di Caltanissetta (Sicilia). (A contribution to the knowledge of the Orchidaceae in the province of Caltanissetta (Sicily). *J. Eur. Orchideen* 36(2): 465-526.
- Garcia Cruz, J., Sanchez Saldana, L. M., Jimenez Machorro, R., and Solano Gomez, R. 2003. *Flora del Bajío y de Regiones Adyacentes. Fascículo 119. Familia Orchidaceae, tribu Epidendreae*. Instituto de Ecología, Patzcuaro, Michoacán.
- Gee, G. Y. 2004. Die Gattung *Aerides* - eine Übersicht Teil 1. *J. Orchideenfreund* 11(2): 173-187.
- Gee, G. Y. 2004. Die Gattung *Aerides* - eine Übersicht. Teil 2. *J. Orchideenfreund* 11(3): 258-272.
- Gerlach, G. 2003. The subtribe Stanhopeinae: biology and systematics. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 135-142. Naturalia Publications, Turriers, France.
- Gerlach, G. 2004. Die Subtribus Stanhopeinae. 6. *Stanhopea*. *J. Orchideenfreund* 11(1): 53-76.
- Gerlach, G. 2004. Stanhopeinae Mesoamericanae 2 (Orchidaceae). Dos especies nuevas: *Polycycnis blancoi* y *Coryanthes maduroana*. *Lankesteriana* 4(1): 67-73.
- Giraud, M. 2004. *Epidendrum nocturnum* N. J. Jacquín. *Orchidophile* 35(1)no.160: 37-40.
- Goldman, D. H., Jansen, R. K., van den Berg, C., Leitch, I. J., Fay, M. F., and Chase, M. W. 2004. Molecular and cytological examination of *Calopogon* (Orchidaceae, Epidendroideae): circumscription, phylogeny, polyploidy, and possible hybrid speciation. *Amer. J. Bot.* 91(5): 707-723.
- Goldman, D. H., van den Berg, C., and Griffith, M. P. 2004. Morphometric circumscription of species and infraspecific taxa in *Calopogon* R.Br. (Orchidaceae). *Pl. Syst. Evol.* 247(1-2): 37-60.

- Gonzalez Tamayo, R. 2003. *Malaxis* (Orchidaceae), breve discusion de los rasgos especificos y dos taxones nuevos mexicanos. *Ibugana* 10(1-2): 67-75.
- Grasso, M. P. and Grillo, M. 2004. *Epipactis xnicolosi* Grasso M.P [sic] et Grillo M. [sic], hybr. nat. nov. de l'Etna. *Orchidophile* 35(3)no.162: 221-225.
- Gravendeel, B. 2003. *Coelogyne*: matching molecules with morphology and distribution patterns. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 143-159. Naturalia Publications, Turriers, France.
- Gravendeel, B., Eurlings, M. C. M., van den Berg, C., and Cribb, P. J. 2004. Phylogeny of *Pleione* (Orchidaceae) and parentage analysis of its wild hybrids based on plastid and nuclear ribosomal ITS sequences and morphological data. *Syst. Bot.* 29(1): 50-63.
- Gruss, O. 2003. The genus *Phragmipedium*. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 160-164. Naturalia Publications, Turriers, France.
- Gruss, O. 2004. *Dendrobium parnatanum* W. Cavestro, eine neue Art aus Irian-Jaya. *Orchidee* 55(1): 120-121.
- Gruss, O. 2004. *Masdevallia* - neue Arten der Gattung. *Orchidee* 55(4): 467-473.
- Gurung, P. B. and Tripathi, R. S. 2004. Orchids of Mokokchung district of Nagaland, India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 111-116. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Hamal, I. A. and Sharma, S. 2002. *Rhynchostylis retusa* (L.) Bl. - a new record for Jammu and Kashmir state (India) with a note on its extended distribution and conservation. *J. Orchid Soc. India* 16(1-2): 75-77.
- Heinrich, W. and Kogler, V. 2004. Die Orchidee des Jahres 2004 - Grune Hohlzunge [*Coeloglossum viride* (L.) Hartman]. (The orchid of the year 2004 - frog orchid [*Coeloglossum viride* (L.) Hartman].) *J. Eur. Orchideen* 36(2): 405-430.
- Higgins, W. E., van den Berg, C., and Whitten, W. M. 2003. A combined molecular phylogeny of *Encyclia* (Orchidaceae) and relationships within Laeliinae. *Selbyana* 24(2): 165-179.
- Hirtz, A. 2003. Exploring the evolution of Andean orchids. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 177-186. Naturalia Publications, Turriers, France.
- Hoffmann, V. 2004. Die Elbe-Stendelwurz, *Epipactis albensis* Novakova & Rydlo, ein Neufund für Südtirol. (The elbe helleborine, *Epipactis albensis* Novakova & Rylo, a new finding for south-Tyrol.) *J. Eur. Orchideen* 36(2): 555-559.
- Hopper, S. D. and Brown, A. P. 2004. Robert Brown's *Caladenia* and *Pterostylis* revisited. *Orchadian* 14(8): 366-371.
- Hopper, S. D. and Brown, A. P. 2004. Robert Brown's *Caladenia* revisited,\* including a revision of its sister genera \**Cyanicula*, *Ericksonella* and *Pheladenia* (Caladeniinae: Orchidaceae). *Austral. Syst. Bot.* 17(2): 171-240.
- Howcroft, N. H. S. 2004. Rediscovery, distribution and taxonomic position of *Spathoglottis albida* Kraenzlin (Orchidaceae). In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 81-84. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Ibaragi, Y., Kiuchi, K., Saji, M., and Narita, A. 2003. (The northernmost locality of *Lecanorchis flavicans* Fukuy. Var. *acutiloba* T. Hashim. (Orchidaceae).) *J. Phytogeogr. Taxon.* 51(2): 187-188.
- Ishida, G. and Karasawa, K. 2001. Phylogenetic evolution of the genus *Calanthe*. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 145-162. BSMPS, Dehra Dun.
- Jayanthi, J., Sumathi, R., Karthigeyan, K., and Sreekumar, P. V. 2002. *Liparis elegans* Lindl. (Orchidaceae) - a new report to India from Great Nicobar Biosphere Reserve. *J. Orchid Soc. India* 16(1-2): 37-39.
- Jeans, J. A. 2004. A revision of the *Thelymitra pauciflora* R.Br. (Orchidaceae) complex in Australia. *Muelleria* 19: 19-79.
- Jenny, R. 2003. The genus *Stanhopea*. 1th [sic] Part: *S. anfracta* to *S. napoensis*. *Caesiana* no. 21.
- Jenny, R. 2004. The genus *Lacaena* Lindley. *Austral. Orchid Rev.* 69(3): 14-21, 23.
- Jenny, R. 2004. The genus *Soterosanthus* F. C. Lehmann ex Jenny. *Austral. Orchid Rev.* 69(1): 13-15.
- Jenny, R. 2004. The genus *Stanhopea* : 2nd part, *S. nigripes* to *S. xytriphora*. *Caesiana* no. 22: 146-291.
- Jenny, R. and Romero, G. 2003. *Cynoches herrenhusanum*. *Orquidario* 17(4): 143-147.
- Jin, X. H., Chen, S. C., Qin, H. N., Zhu, G. H., and Siu, G. L. P. 2004. A new species of *Holcoglossum* (Orchidaceae) from China. *Novon* 14(2): 178-179.
- Jin, X. H., Chen, S. C., Qin, H. N., Zhu, G. H., and Siu, G. L. P. 2004. A new species of *Didymoplexiella* (Orchidaceae) from China. *Novon* 14(2): 176-177.

- Jones, D. L. 2003. A revisionary treatment of four species of *Prasopphyllum* R. Br. (Orchidaceae) loosely related to *P. correctum* D. L. Jones. *Muelleria* 18: 99-109.
- Jones, D. L. 2004. *Corybas dowlingii* (Orchidaceae), a new species from north-eastern New South Wales. *Orchadian* 14(9): 418-420.
- Jones, D. L. 2004. Two new species of *Prasopphyllum* R. Br. (Orchidaceae) from Tasmania. *Orchadian* 14(8): 372-377.
- Jones, D. L. and Clements, M. A. 2004. *Acianthella*, a new genus in the *Acianthus* alliance (Orchidaceae). *Orchadian* 14(7): 330-332.
- Jones, D. L. and Clements, M. A. 2004. Miscellaneous new species, new genera, reinstated genera and new combinations in Australian Orchidaceae. *Orchadian* 14(8) Suppl.: i-xvi.
- Kant, S, Kour, I. 2001. *Nervilia plicata* (Andr.) Schltr. - a new record for Jammu and Kashmir state (India). *J. Orchid Soc. India* 15(1-2): 33-34.
- Kimberley, M. J. 2003. A list of epiphytic orchids of Zimbabwe. *Excelsa* no.20: 49-52.
- Kohlmuller, R., Ruckbrodt, D., and Ruckbrodt, U. 2004. Voyage botanique au Yunnan en Republique Populaire de Chine - 3e partie. *Orchidophile* 35(3)no.162: 167-182.
- Koniger, W. 2003. New species of the genera *Cyrtorchilum*, *Masdevallia* and *Oncidium*. *Arcula* 14: 346-360.
- Kulikov, P. V. and Philippov, E. G. 2004. Orchids of the Urals: taxonomical and chorological aspects. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 93-110. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Kumar, C. S. 2001. Orchids of Sikkim - a historical perspective. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 101-143. BSMPS, Dehra Dun.
- la Croix, I. 2004. *Microcoelia*, African jewels. *Orchid Dig.* 68(2): 79-85.
- la Croix, I. 2004. *Polystachya lawrenceana* - a plant from the past. *Orchid Rev.* 112(1256): 97-99.
- Landis, C. 2004. *Gastrodia* at Warrington: an apparition in the garden. *Bot. Soc. Otago Newsl.* no. 42: 13-14.
- Laney, B. and Stanley, P. 2004. Bee orchid (*Ophrys apifera*) in Ayrshire (v.c.75). *BSBI News* no.95: 30.
- Lang, D. 2004. Some notes on British orchids: red helleborine (*Cephalanthera rubra* (L.) Richard). *New Zealand Native Orchid J.* no.91: 20, 22-24.
- Laurence, R. and Chalk, M. 2004. Hyperchromic form of *Dactylorhiza maculata* found in the New Forest. *BSBI News* no.96: 28-29, colour section p. 1.
- Lavarack, P. S. 2004. Orchids of the Paluma and Crystal Creek area. *Orchadian* 14(7): 310-329.
- Liu, Z. J. and Chen, S. C. 2003. (*Paphiopedilum smaragdinum*, a new species of Orchidaceae from Yunnan, China.) *J. Wuhan Bot. Res.* 21(6): 489-491.
- Liu, Z. J. and Chen, S. C. 2004. (*Cymbidium multiradicatum*, a new orchid from Yunnan, China.) *Acta Bot. Yunnanica* 26(3): 297-298.
- Liu, Z. J. and Chen, S. C. 2004. *Neofinetia xichangensis*, a new species of Orchidaceae from Sichuan. *Acta Bot. Yunnanica* 26(3): 299-300.
- Llamacho Olmo, J. A. 2004. Notas sobre ecologia y distribucion del genero *Lepanthes* (Orchidaceae) en Cuba, con una lista actualizada y revisada. *Lankesteriana* 4(1): 61-66.
- Llamacho Olmo, J. A. 2004. Nuevos registros de la familia Orchidaceae en Cuba. *Lankesteriana* 4(1): 60.
- Lobo, C. S. 2004. Tipos de orquidaceas brenesianas, descritas por R. Schlechter, en el Herbario Nacional de Costa Rica. *Lankesteriana* 4(1): 37-45.
- Logan, A. 2004. Observations on a small *Caladenia* sp. (affin. *C. aurantiaca*) in the Wide Bay region of South East Queensland. *Orchadian* 14(7): 303-305.
- Lucksom, S. Z. 2004. *Liparis chungthangensis* S. Z. Lucksom (Orchidaceae): a new species from Sikkim, India. *Orchid Rev.* 112(1255): 14-15.
- Maity, D., Chauhan, A. S., and Maiti, G. G. 2002. *Cypripedium himalaicum* Rolfe: current status in Sikkim Himalaya. *J. Orchid Soc. India* 16(1-2): 13-17.
- Manickam, V. S., Uthayakumari, F., and Dulcy, J. 2003. *Zeuxine affinis* (Lindl.) Benth. ex Hook. f. (Orchidaceae) - an addition to the flora of Tamil Nadu. *Indian J. Forest.* 26(4): 412-413.
- Margonska, H. B. and Szlachetko, D. L. 2004. *Disticholiparis* Marg. & Szlach. - a new genus of the subtribe Malaxidinae. *Orchidee* 55(2): 175-179.
- Mazumder, P. B. and Paul, S. 2002. Contributions to the orchid flora of southern Assam (Barak Valley), India. *J. Orchid Soc. India* 16(1-2): 41-45.
- Menezes, L. 2003. *Bletia catenulata alba*. *Orquidario* 17(4): 164-165.

- Menini Neto, L., Almeida, V. R., and Forzza, R. C. 2004. A familia Orchidaceae na Reserva Biologica da Represa do Grama - Descoberto, Minas Gerais, Brasil. *Rodriguesia* 55(84): 137-156.
- Misra, S. 2004. *Didymoplexis pallens* Griff., an uncommon saprophytic orchid from Orissa, India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 73-80. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Moingeon, S. and Moingeon, J. M. 2004. Le groupe d' *Orchis spitzelii* Sauter. *Orchidophile* 35(1)no.160: 3-9.
- Monteiro, S. H. N. and da Silva, J. B. F. 2004. Notas sobre o genero *Galeandra* Lindl. *Orquidario* 18(1): 5-9.
- Nageswara Rao, A. 2002. *Eria kamlangensis* Nageswara Rao (Orchidaceae) - a new species from Arunachal Pradesh, India. *J. Orchid Soc. India* 16(1-2): 61-63.
- Nageswara Rao, A. and Hegde, S. N. 2004. A synopsis of novelties and new distributional records of orchids reported from the Orchid Research Centre, Tipi (Arunachal Pradesh) during 1981-2000. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 125-134. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Nageswara Rao, A. 2004. *Porpax seidenfadenii* Nageswara Rao - a new species of orchid from Arunachal Pradesh, India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 23-26. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Ormerod, P. 2004. Comments on some obscure Indian orchid taxa. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 57-60. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Ormerod, P. 2004. Nomenclatural notes on Papuan orchids. *Orchadian* 14(8): 378-379.
- Ormerod, P. 2004. Notulae Goodyerinae. *Oasis* suppl.3: 3-19.
- Ormerod, P. 2004. Orchidaceous additions to the floras of China and Taiwan (2). *Taiwania* 49(2): 95-101.
- Ortiz, V. P. 2004. Las especies Colombianas de *Sobralia* Ruiz & Pav., seccion *Sobralia*. The Colombian species of *Sobralia* Ruiz & Pav., section *Sobralia*. *Orquideologia* 23(1): 49-65.
- Ortiz, V. P. 2004. Nuevas orquideas de Colombia. New orchids from Colombia. *Orquideologia* 23(1): 24-34.
- Pedersen, H. A. 2004. *Dactylorhiza majalis* s. l. (Orchidaceae) in acid habitats: variation patterns, taxonomy, and evolution. *Nordic J. Bot.* 22(6): 641-658.
- Pedersen, H. A. 2004. Floristiske meddelelser fra Dansk Herbarium, 6. Noter om Klit-Gogeuert, Traunsteiners Gogeuert, Mos-Gogeuert og Thy-Gogeuert. *URT* 28(2): 53-60.
- Pedersen, H. A. 2004. The Seidenfaden orchid collections in Copenhagen - their origin, arrangement and utilization. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 1-6. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Pedersen, H. A., Faurholdt, N., and Reinhardt, J. 2004. *Epipactis leptochila* × *phyllanthes*: an unexpected new natural hybrid. *Orchid Rev.* 112(1257): 151-154.
- Perebora, E. A. 2003. (Distribution of orchids (Orchidaceae) in the north-western Caucasus.) *Bot. Zhurn.* 88(9): 109-116.
- Perez Vera, F. 2004. Le genre *Cyrtorchis* en Cote d'Ivoire. *Orchidophile* 35(3)no.162: 191-198.
- Perille, M., Cortizo, C., and Sahuquillo, E. 2003. About the taxonomic problems in *Orchis coriophora* (Orchidaceae). *Bocconeia* 16(2): 669-674.
- Perner, H. 2004. *Oreorchis* Lindl. - eine Gattungsubersicht. *Orchidee* 55(1): 36-56.
- Peters, H. and Venter, H. J. 2004. Unifoliate *Cattleya* species - their history, habitat and culture. *Orchids S. Afr.* 35: 6-28.
- Phiri, V. 2004. *Satyrium* × *fibeckii* - eine neue *Satyrium* Naturhybride aus Simbabwe. *Orchidee* 55(2): 194-195.
- Phukan, S. 2002. The genus *Kingidium* Hunt in India. *J. Orchid Soc. India* 16(1-2): 47-54.
- Phukan, S. and Mao, A. A. 2004. Additions to the Indian orchid flora. *Orchid Rev.* 112(1256): 114-118.
- Piekos Mirkowa, H., Mirek, Z., and Miechowka, A. 2001. Distribution and habitats of *Chamorchis alpina* (L.) Rich. (Orchidaceae) in Poland. *Acta Soc. Bot. Pol.* 70(2): 107-111.
- Pradhan, U. C. 2004. Saprophytic orchids of the Indian region and their conservation needs. In *Orchid*

- memories: a tribute to Gunnar Seidenfaden (ed. K. S. Manilal and C. Sathish Kumar), pp. 143-153. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Pridgeon, A. M. 2003. DNA sequences reveal the real *Pleurothallis*. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 265-281. Naturalia Publications, Turriers, France.
- Rhodehamel, W. A. 2004. *Sarcochilus ceciliae*. *Orchids* 73(3): 180-183.
- Rhodehamel, W. A. 2004. *Zootrophion vulturiceps*: a miniature native to Costa Rica for cool to intermediate temperatures. *Orchids* 73(1): 20, 22.
- Rice, R. 2004. A new vandoid genus for the Papuasian Orchidaceae. *Oasis* suppl.3: 2-3.
- Rice, R. 2004. Some vandoid orchids of subtribe Aeridinae part 2 *Orchid Rev.* 112(1258): 246-250.
- Rice, R. 2004. The Dept. of Stanhopeinae: notes and corrections within the subtribe Stanhopeinae. *Oasis* suppl.3: 19-23.
- Riechelmann, A. 2004. Einige Anmerkungen zur Orchideenflora von Korfu (Kerkira). (Some remarks concerning the orchid flora of Korfu (Kerkira). *J. Eur. Orchideen* 36(2): 527-544.
- Roth, J. 2004. *Catasetum triodon* Rchb. F.. *Orchidee* 55(4): 460-461.
- Roth, J. 2004. *Paphiopedilum villosum* (Lindl.) Stein. *Orchidee* 55(4): 462.
- Rysy, W. 2004. *Cirrhopetalum* - historical overview, critical remarks and new suggestions regarding the genus. *Orchid Rev.* 112(1256): 77-81.
- Saito, K. 2001. Morphological variations in the genus *Stelis*. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 163-179. BSMPS, Dehra Dun.
- Samant, S. S. 2002. Diversity, distribution, and conservation of orchids of trans-, north-west, and west Himalaya. *J. Orchid Soc. India* 16(1-2): 65-74.
- Sathish Kumar, C. and Manilal, K. S. 2004. Orchids of Kerala, India. In *Orchid memories: a tribute to Gunnar Seidenfaden* (ed. K. S. Manilal and C. Sathish Kumar), pp. 155-254. Mentor Books for Indian Association for Angiosperm Taxonomy, Calicut.
- Schildhauer, H. 2004. Der *Dendrobium cruentum* Komplex. *J. Orchideenfreund* 11(2): 105-110.
- Schuiteman, A. and de Vogel, E. 2004. *Cleisostoma buruense*: ein Erstfund aus Neuguinea mit einem Bestimmungsschlüssel der *Cleisostoma* Arten von Neuguinea. (*Cleisostoma buruense*: a first record from New Guinea with a key to the species of *Cleisostoma* in New Guinea.) *J. Orchideenfreund* 11(2): 164-171.
- Schuiteman, A., Vogel, E. F. de, and Walsmit Sachs, A. 2004. A new species of *Dryadorchis* from Papua New Guinea. *J. Orchideenfreund* 11(3): 205-215.
- Schwegler, S. and Matthies, D. 2004. A new variety of *Ophrys apifera*: *Ophrys apifera* Huds. var. *basiliensis* S. Schwegler & Matthies. *Orchid Rev.* 112(1258): 214-217.
- Seehawer, H. 2004. *Pleurothallis saundersiana* Rchb. f. *Orchidee* 55(4): 493-494.
- Seidenfaden, G. and Pedersen, H. Ae. 2002. Contributions to the orchid flora of Thailand: 14. *Nordic J. Bot.* 22(5): 525-534.
- Seiser, K. 2001. Eine neue Subspezies der *Epipactis greuteri* (Orchidaceae) am Fuss der Rax (Niederosterreich). (A new subspecies of *Epipactis greuteri* (Orchidaceae) from mt. Rax (lower Austria).) *Neilreichia* 1: 137-148.
- Senghas, K. 2004. Kurzportrats aus Liebhabersammlungen: 9. *Notyliopsis beatrix*. *J. Orchideenfreund* 11(1): 43-44.
- Shekhar, N., Sehgal, R. N., and Vaidya, N. 2001. Cytospeciation and diversification in Indian orchids. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 193-241. BSMPS, Dehra Dun.
- Shim, P. S. 2004. A new species of *Aerides* (Orchidaceae: Vandeae: Aeridinae) from Borneo. *Sandakania* no.14: 1-3.
- Singh, D. K. 2001. Orchid diversity in India: an overview. In *Orchids: Science and Commerce* (ed. P. Pathak, R. N. Sehgal, N. Shekhar, M. Sharma, and A. Sood), pp. 35-65. BSMPS, Dehra Dun.
- Singh, D. R., Nair, S. A., and Sharma, T. V. R. S. 2004. *Eulophia andamanensis* Rchb. f. - an orchid from the Andaman Islands. *Orchid Rev.* 112(1256): 93-94.
- St. George, I. 2004. Is *Orthoceras strictum* in NZ? and is *O. novae-zeelandiae* endemic? *New Zealand Native Orchid J.* no.92: 2-6.
- Stewart, T. and Cribb, P. 2004. New species and records of Orchidaceae from Sao Tome and Principe. *Kew Bull.* 59(1): 77-86.
- Stewart, J. 2003. Orchids of the African mountains. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 304-313. Naturalia Publications, Turriers, France.

- Subedi, A. 2002. Addition to the orchid flora of Nepal. *J. Orchid Soc. India* 16(1-2): 29-32.
- Szlachetko, D. L. 2004. Habenariinae (Orchidaceae, Orchidoideae) - Contributions to the revision of the subtribe: 11. *Orchidee* 55(4): 489-492.
- Szlachetko, D. L. 2004. Habenariinae (Orchidaceae, Orchidoideae) - contributions to the revision of the subtribe. *Orchidee* 55(3): 314-315.
- Szlachetko, D. L. 2004. Habenariinae (Orchidaceae, Orchidoideae) - Beitrage zu einer Revision der Subtribus (7). (Habernariinae (Orchidaceae, Orchidoideae) - contributions to the revision of the subtribe (7).) *Orchidee* 55(1): 57-59.
- Szlachetko, D. L. 2004. Matériaux pour la revision des Habenariinae (Orchidaceae, Orchidoideae) - 5. *Richardiana* 4(3): 103-108.
- Szlachetko, D. L. 2004. Habenariinae (Orchidaceae, Orchidoideae) - Contributions to the revision of the subtribe: 10. *Orchidee* 55(4): 487-489.
- Szlachetko, D. L. and Margonska, H. B. 2004. Habenariinae (Orchidaceae, Orchidoideae) - contributions to the revision of the subtribe. *Orchidee* 55(2): 172-174.
- Trappnell, D. W., Hamrick, J. L., and Giannasi, D. E. 2004. Genetic variation and species boundaries in *Calopogon* (Orchidaceae). *Syst. Bot.* 29(2): 308-315.
- Vermeulen, J. J. and O'Byrne, P. 2003. Six new species of *Bulbophyllum* (Orchidaceae) from Sulawesi. *Gard. Bull. Singapore* 55(2): 257-270.
- Vestweber, K. H. 2004. *Dendrobium schildhaueri*: Paul Ormerod und Henrik Aerenlund Pedersen beschrieben eine neue \**Dendrobium* Art. *J. Orchideenfreund* 11(1): 35-39.
- Vlcko, J., Dite, D., and Kolnik, M. 2003. *Vstavacovite Slovenska. Orchids of Slovakia*. ZO SZOPK Orchidea, Zvolen.
- Wallace, L. E. 2003. Molecular evidence for allopolyploid speciation and recurrent origins in *Platanthera huronensis* (Orchidaceae). *Int. J. Pl. Sci.* 164(6): 907-916.
- Warford, N. M. 2004. Near Puerto Vallarta - *Lycaste crinita* Lindley. *Orchid Dig.* 68(2): 106-112.
- Warren, R. and Miller, D. 2003. Organs in the desert: orchid hunting in the Organ Mountains of Brazil. In *Proceedings of the European Orchid Conference and Show* (ed. J. Hermans and P. J. Cribb), pp. 334-343. Naturalia Publications, Turriers, France.
- Wood, J. and Ramsay, M. 2004. Plant portraits: 482. *Anacamptis laxiflora* (Orchidaceae). *Curtis's Bot. Mag.* 21(1): 26-33.
- Yang, P. H., Xu, Z. W., Feng, N., and Lei, Y. H. 2004. (Six new record species of Orchidaceae to Qinling mountain.) *Acta Bot. Bor. Occid. Sin.* 24(7): 1188-1189.
- Yang, Y. Z., Hu, R. S., Sun, T. Z., Wu, Y. X., Zhu, C. B., Fang, H. P., and Yang, Z. F. 2003. (A floristic study of some rare and threatened orchids in Boatianman Nature Reserve.) *J. Wuhan Bot. Res.* 21(5): 429-433.
- Yukawa, T. 2003. Studies of the orchid flora of Vanuatu: 2. *Phreatia vanuatensis*, a new species. *Acta Phytotax. Geobot.* 54(2): 105-107.
- Yukawa, T., Chung, S. W., Luo, Y., Peng, C. I., Momohara, A., and Setoguchi, H. 2003. Reappraisal of *Kitigorchis* (Orchidaceae). *Bot. Bull. Acad. Sin. (Taipei)* 44(4): 345-351.
- Zuluaga, J. H. 2004. El genero *Maxillaria* ilustrado en Colombia - 4. *Orquideologia* 23(1): 67-70.