

# Lindleyana

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*DORITIS PULCHERRIMA*  
VAR. *APICULATA* — A NEW  
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## Looking to the Future

THE PUBLICATION OF this month's *Lindleyana* marks the last such volume to be printed as part of *Orchids*. Eight years ago, for reasons of cost and a declining subscriber base, the Society's trustees decided to cease publication of our scientific journal as a stand-alone publication but to keep it alive with the possibility of some sort of future publication. Four years later, publication of scientific articles in *Lindleyana* reappeared in its current form as an integral part of *Orchids*. Unfortunately, the cost pressures of eight years ago continue and with the reduction in page count of the magazine the decision has been made to remove this magazine feature. At press time, the fate of *Lindleyana* remains uncertain. The support of orchid science and conservation remains an integral part of the mission of the American Orchid Society and we continue to examine mechanisms to continue to produce *Lindleyana* in some fashion — either as a low-circulation stand-alone publication or as a Web-based feature with a limited number of copies printed and mailed to satisfy the requirements for valid publication of new taxonomic combinations. At the present time, my goal is to resolve *Lindleyana* so that it can be continued.

By way of information, *Genera Orchidacearum*, Vol. 5, should be available from Oxford University Press this month. Author's copies were available in early November. This fifth volume treats 186 genera of the largest subfamily, Epidendroideae, including significant changes in the Oncidiinae and the *Maxillaria* alliance. In addition, Volume 5 will also contain an addendum dealing with the final transfer of *Sophranitis sensu lato* to a greatly expanded *Cattleya*. Volume 6, the final planned volume, will contain a similar addendum dealing with *Ida*. *Ida* turns out not to have priority over *Sudamerlycaste*. *Sudamerlycaste* was published by Archila invalidly in *Revista Guatemalensis* in November 2002. The deficiencies in this publication were corrected the following month, December 2002. Ryan and Oakeley did not publish *Ida* in the *Orchid Digest* until January of 2003, thus *Sudamerlycaste* Archila has priority over *Ida* Ryan & Oakeley. — Ron McHatton, PhD, Chief Operating Officer and Director of Education, American Orchid Society, Delray Beach, Florida (e-mail [rmchatton@aos.org](mailto:rmchatton@aos.org)).

The papers in this *Lindleyana* section are peer reviewed.

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*Lindleyana* Coordinator  
Ron McHatton, PhD

# BULBOPHYLLUM VEITCHIANUM (ORCHIDACEAE): A SPECIES LOST IN LITERATURE<sup>1</sup>

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ABSTRACT: A new species of *Bulbophyllum* in Section *Sestochilos* that has been confused in literature is described.

WHEN JOHN LINDLEY described *Bulbophyllum lobbii* in 1847 he stated that it matched a specimen in the W. Hooker herbarium labeled *Sestochilos*, but he did not know the source of that name (Fig. 1). Jacob Gijsbert Samuel van Breda had described *Sestochilos uniflorum* in *Genera et Species Orchidearum et Asclepiadearum*, fasc. I, t. 3. (1828). Lindley published a color plate in *Botanical Magazine* (1850) of a plant grown by Veitch, which he labeled *Bulbophyllum lobbii* (Fig. 2). The Veitch plant has spotted bracts at the base of the long pedicellate ovary, which do not match the *Sestochilos uniflorum* plate (Fig. 3).

The type plant was imported by Andy's Orchids of Encinitas, California, and labeled *Bulbophyllum lobbii* f. *Sulawesi*. Bill Thoms grew the plant to maturity and flowered it in June 2000 when he received an American Orchid Society provisional award, pending identification. The flower was sent to Leslie Garay, who determined that it was a distinct species. The publication of the name has languished due to Garay's deteriorating health.

Garay states, "The original plant of *B. lobbii*, 1847, was a lovely plant, but not as large and handsome as the one Veitch flowered in 1850, which received the admiration of all including a life-size drawing of it in *Paxton's Flower Garden* on 154–155 (1851) or 1:148–149 (1882) and a color one in the *Botanical Magazine* 70:t4532 (1850). And that's where the problem started and confusion reigns ever since. *Bulbophyllum lobbii*, usually small-flowered, dorsal sepal 4–5 cm. long, the pedicellate ovary and bracts are greenish yellow and unspotted." (pers. comm.). The AOS award description reads:

One flower held at top of 14-cm inflorescence borne from base of unifoliate pseudobulb; leaf and pseudobulb 25.5cm; flower base color very pale chartreuse, sepals and petals striped longitudinally translucent maroon, dorsal sepal and lateral sepal apices blotched maroon on reverse; hinged lip finely stippled maroon, raised callus bright yellow; column deep yellow apically, anther cap bright yellow; substance firm; texture semimatte.

<sup>1</sup>I thank Leslie Garay for sharing his species concepts and the donation of his spirit collection to the Marie Selby Botanical Gardens. I also thank the Board of Trustees of the Royal Botanic Gardens, Kew, for permission to publish the specimen sheet of *Sestochilos*.

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TABLE 1. Comparison of *B. veitchianum* and *B. lobbii*.

	<i>B. veitchianum</i>	<i>B. lobbii</i>
Flower Bracts	spotted	unspotted
Natural Spread	10 cm	5 cm
Floral Bracts	spotted	unspotted
Ovary	spotted	unspotted
Dorsal Sepal	5.8–6.2 cm	4–5 cm

## TAXONOMIC TREATMENT

### *Bulbophyllum veitchianum* Garay ex Higgins, sp. nov.

TYPE: Ex hort. — June 2008, W. Thoms s.n. (Holotype: SEL, OIC-15189). (Fig. 4)

ADDITIONAL SPECIMENS: Isotype Garay 854, B. Fallon 387 (SEL).

*Species haec Bulbophyllum lobbii similis planta bractea differt. Flore magnus, ovarium pedicelatus guttatus brunneus, bractea maculatus.*

Plant epiphytic, caespitose. Pseudobulbs ovate, unifoliate, subtended by sheath, 2.5 × 4.6 cm. Leaves thick, linear, pseudopetiolate, central rib on underside; 3.4 × 35.8 cm. (pseudopetiole 7.5 cm; blade 28.3 cm). Inflorescence axillary from the lowermost sheath, upright, unifloral, 14–18 cm long, imbricated by 6 basal sheaths spotted purple-brown. Flowers resupinate, yellow-green marked with dark brown-red longitudinal lines, 8.0 × 6.5 cm. Sepals acute, yellow-green marked with brown-red lines; dorsal sepal lanceolate, 1.1 × 5.7 cm; lateral sepals falcate, 1.9 × 4.1 cm. Petals lanceolate, acute, yellow-green marked with brown-red lines, 0.5 × 4.1 cm. Lip recurved cordate, hinged, acuminate, reflexed, 1.1 × 1.3 cm. Callus 1 × 2 mm raised. Column stout, 5 mm, column foot falcate, 2.6 mm. Anther cap galeate, yellow. Pollinia 4, hard, waxy, flattened ovoid.

DISTRIBUTION: Reported from Sulawesi.

ETYMOLOGY: Named for James Veitch, the 19th century botanist and owner of a famous Chelsea nursery.

## LITERATURE CITED

Breda, J.G.S. van. 1828. *Sestochilos uniflorum* in *Genera et Species Orchidearum et Asclepiadearum*, fasc. I, t. 3.



Fig. 1. W. Hooker herbarium sheet K000364608 labeled *Sestochilos*. © copyright the Board of Trustees of the Royal Botanic Gardens, Kew.

TABLE 2. Size comparison of *Sestochilos uniflorum* (*B. lobbii*) and *B. veitchianum*.

	<i>Sestochilos uniflorum</i>	<i>Bulbophyllum veitchianum</i>
Leaf	3 × 13.3 cm	3.4 × 35.8 cm
Pseudobulb	1.1 × 2.8 cm	2.5 × 4.6 cm
Dorsal Sepal	1.1 × 5.1 cm	1.5 × 6.5 cm
Lateral Sepal	1 × 4 cm	2.2 × 5.4 cm
Petals	0.5 × 3.2 cm	0.9 × 4.9 cm
Ovary	0.2 × 13.8 cm	0.3 × 20.8 cm
Inflorescence	15–16.5 cm	14–18 cm

Lindley, J. and Paxton, J. 1851. *Sarcopodium lobbii* in Paxton's Flower Garden 154–155.

—. 1882. *Sarcopodium lobbii* in Paxton's Flower Garden 1:148–149.

Lindley, J. 1847. *Bulbophyllum lobbii* in Edwards's Bot. Reg. 33: sub t. 29.

—. 1850. *Bulbophyllum lobbii* in Bot. Mag. 76:4532.



Fig. 2. Botanical Magazine (1850) illustration of a plant grown by Veitch, which he labeled *Bulbophyllum lobbii*.

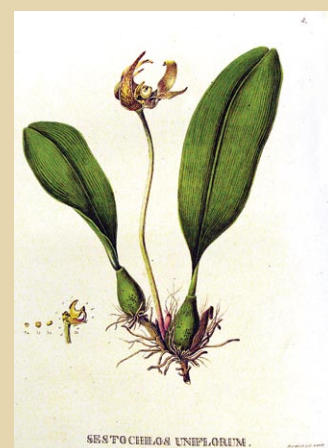


Fig. 3. The *Sestochilos uniflorum* plate from *Genera et Species Orchidearum et Asclepiadearum*.

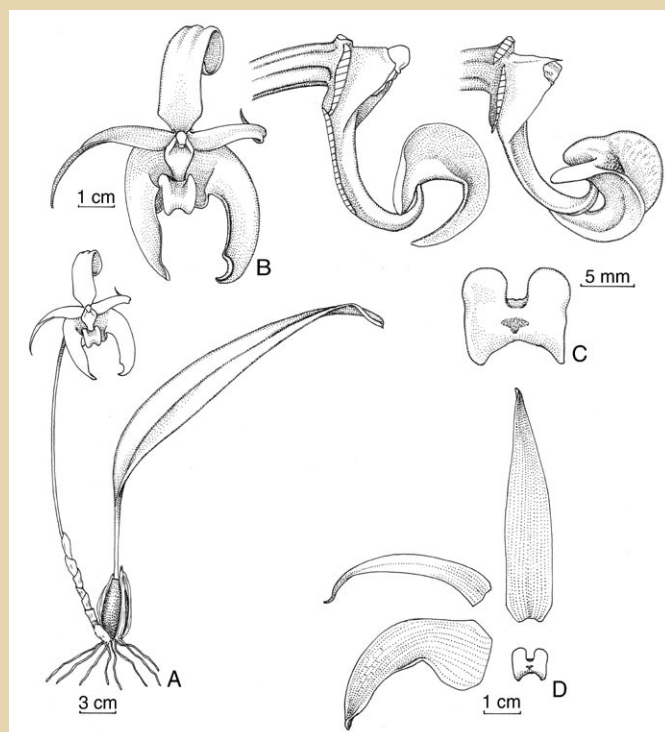


Fig. 4. Line drawing of type specimen of *Bulbophyllum veitchianum* based on W. Thoms s.n. A. Habit. B. Flower. C. Column and lip profile. D. Dissected flower. Illustration by Stig Dalström.