

A New Species of *Bulbophyllum* from India

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インド産マメヅタラン属の1新種

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A new species of *Bulbophyllum*, *B. silentvalliensis*, closely related to *B. elegantulum* (Rolfe) J.J. Smith, is described from India.

Bulbophyllum silentvalliensis M. P. Sharma et S. K. Srivastava sp. nov. Figs. 1–5

Bulbophyllum elegantulum (Rolfe) J. J. Smith affinis, sed differt foliis parvioribus, inflorescentiis paucifloriferis, floralibus parvioribus, sepalis dorsalius externe glabriusculis, labello leviter dilatato, sulcato, angustato, ad basin subacuto; columna cum alis angustis, dentibus apicalibus erectis, triangularibus, pede curvato.

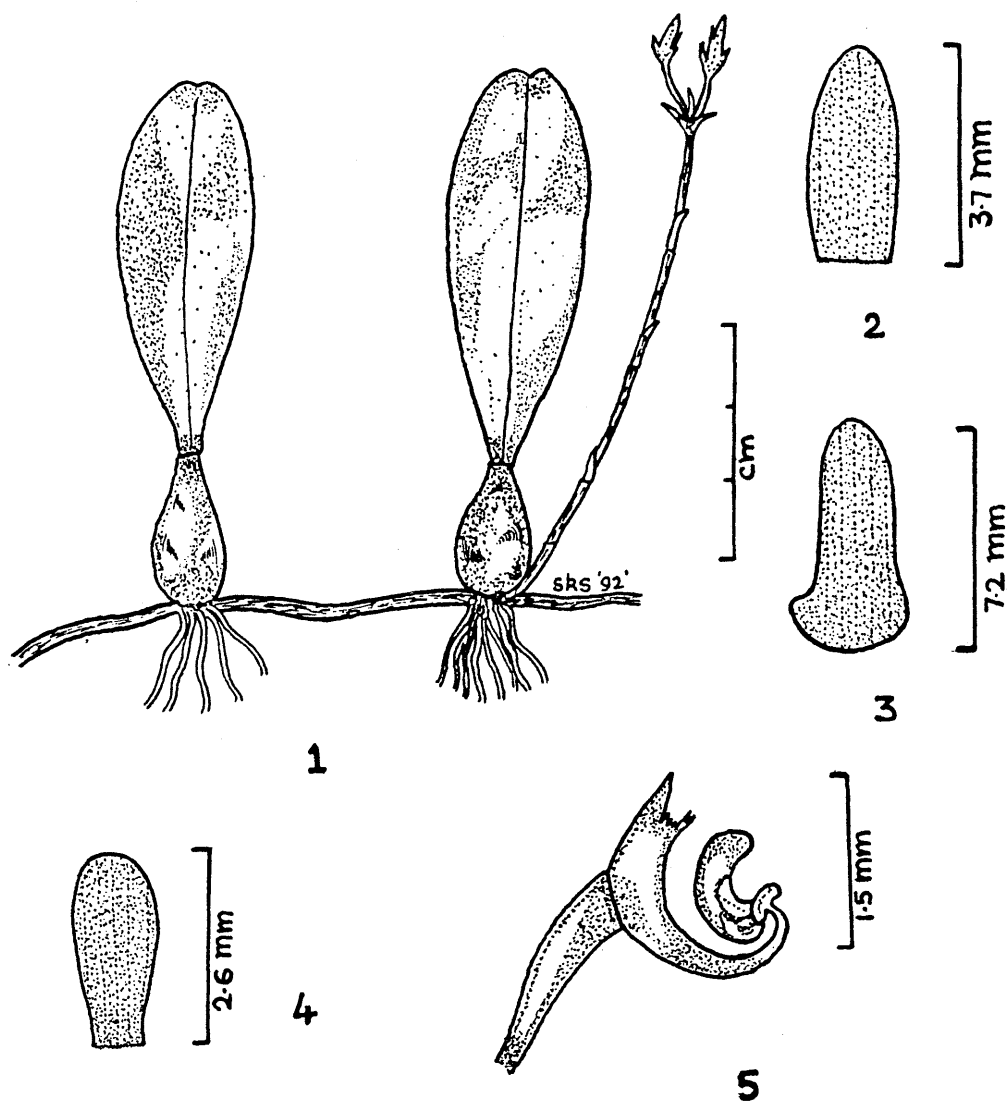
Type: INDIA. Kerala, Palghat, Silent valley National Park, ±1500m, 21, 4, 1987, M. P. Sharma 16911 (Holotype in CAL; Isotype in CDRI).

Epiphytic herb with creeping pseudobulbs at intervals; pseudobulbs ca. 2–2.5 cm across, ovoid. leaves 1.5–2.2×0.7–1.0 cm, linear oblong, obtuse, notched at the tip, sessile or subsessile; scape exceeding the leaves, slender, 3.5–4.5 cm long, with 2–3 tubular sheaths. Flowers 2–3, yellow; bracts 1.5 mm long, lanceolate, acuminate, membranous. Ovary with pedicels ca. 4.5 mm long. Dorsal sepal 3.7×1.5 mm, ovate, entire, 5-nerved; lateral sepal 7.2×1.2 mm,

connating at the margin along their whole length except towards their gibbous base, 5-nerved, glabrous on other surface. Lateral petals ca. 2.6×1.7 mm, broad, ovate, obtuse at apex, entire, 5-nerved. Lip ca. 1.5 mm long, attached to the foot of the column, curved with deep longitudinal furrow, column 1 mm long, foot of the column turning upward at one end. Column with short vertical acute, stelids. Flowering: March–April.

This species is closely allied to *B. elegantulum* (Rolfe) J. J. Smith but differs in having smaller leaves; inflorescence with less number of flowers; smaller floral parts, dorsal sepal glabrous on outer surface, lip tapered from a slightly dilated grooved to a subacute base; column with narrow wings and erect triangular apical teeth with curved foot.

One of us (MPS) collected this epiphytic Orchid from Silent Valley National Park in Kerala, India under the CDRI biological screening programme for the development of new drugs. This specimen was critically studied and matched with all the available



Figs. 1–5. *Bulbophyllum silentvalliensis* Sharma et Srivastava sp. nov. 1. Habit, 2. Dorsal sepal, 3. Lateral sepal, 4. Lateral petal, 5. Lip with column and ovary.

Bulbophyllum species from herbaria and literature. An expert opinion has also been sought from Dr. G. Seidenfaden, from Denmark for the confirmation of this species.

Etymology: The specific epithet has been derived from the name of the locality “Silent valley” in Kerala, India.

We are grateful to Dr. G. Seidenfaden, Denmark, for his valuable comments on the identity of this species.

摘要

インド・ケララ州からラン科マメツタラン属の1新種、*Bulbophyllum silentvalliensis* を記載した。本種は *B. elegantulum* に近縁である。