

LEGENDS TO THE FIGURES

Fig. 1. *Agrostophyllum elongatum* (Ridley) Schuit. – a. Fruiting plant; b. leaf; c. flower; d. column & lip; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. lip flattened; j. column; k. anther (a: Clemens 1399; b: Hartley 10144; c–k: Leiden cult. 32276; all from New Guinea).

Fig. 2. *Agrostophyllum elongatum* (Ridley) Schuit. – a. Part of stem; b, c. flower; d. column & lip; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. lip flattened; j. column; k. pollinia (a: Sinclair s.n.; b–k: Leiden cult. 914576; a. from Peninsular Malaysia, b–k. from Borneo).

Fig. 3. *Agrostophyllum laterale* J.J. Smith – a. Habit; b. inflorescence; c, d. flower; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. lip flattened; j. column; k. anther; l. pollinia (a: Amjah 221; b–l: Leiden cult. 933059).

Fig. 4. *Agrostophyllum stipulatum* (Griff.) Schltr. subsp. *stipulatum* – a. Habit; b. part of stem; c. flower; d. column & lip; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. column; j. top of column in dorsal view (anther removed); k. pollinia (a: Stone 15579; b: Leiden cult. 20816; c: Leiden cult. 913174; d–k: Leiden cult. 913566).

Fig. 5. *Agrostophyllum stipulatum* (Griff.) Schltr. subsp. *bicuspidatum* (J.J. Smith) Schuit. – a. Habit; b. leaf; c. flower; d. dorsal sepal; e. petal; f. lateral sepal; g, h. lip; i. column (a: Junghuhn 1; b: Johansson et al. 98; c, i: Leiden cult. 931089; d–h: Leiden cult. 25512).

Fig. 6. *Agrostophyllum sumatranum* Schltr. & J.J. Smith – a. Habit; b. top of flowering stem; c. flower; d. column & lip; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. column (a: Rahmat Si Boeca 5832; b: Leiden cult. 933197; c–i: Leiden cult. 913565).

Fig. 7. *Agrostophyllum trifidum* Schltr. – a. Habit; b. part of stem; c. flower; d. column & lip; e. dorsal sepal; f. petal; g. lateral sepal; h. lip; i. column & ovary; j. top of column in dorsal view (a: Schlechter 15964; b: Leiden cult. 27679; c–j: Leiden cult. 913324).

Fig. 8. *Mediocalcar agathodaemonis* J.J. Smith – a, b. Habit; c. flower; d. sepals; e. petal; f. column, lip and petal; g. lip; h. top of column; i. top of column, anther removed; j. anther (a: LAE (Barker & Wiakabu) 66915; b: Vink 16047; c–g, j: Hoogland 9485; h, i: Reeve 186).

Fig. 9. *Mediocalcar arfakense* J.J. Smith – a. Habit; b. flower; c. sepals; d. petal; e, f. column and lip; g. lip (a: NGF (Millar) 23856; b, e: Schuiteman 14; c, d, f, g: Kalkman & Tissing 4265).

Fig. 10. *Mediocalcar bifolium* J.J. Smith – a. Habit; b. flower; c. sepals; d. petal; e. column, lip and petal; f. column and lip; g. lip; h. column; i. anther (a: Kalkman 4685; b, d, f: Schodde 1669; c, g: Kalkman 4310; e: Schodde 4891; h, i: Reeve 336).

Fig. 11. *Mediocalcar bulbophylloides* J.J. Smith – a. Habit; b. flower; c. sepals; d. petal; e. column and lip; f. lip, flattened (a: Kostermans 2492; b–f: Gjellerup 1110 [redrawn after msc. J.J. Smith]).

Fig. 12. *Mediocalcar congestum* Schuit. – a, b. Habit; c. flower; d. sepals; e. petal; f. column and lip; g. lip; h. column (a: NGF (Millar & Garay) 18674; b: Reeve 5049; c–h: Cribb & Morrison 2197).

Fig. 13. *Mediocalcar crenulatum* J.J. Smith – a. Habit; b. top of leaf; c. flower; d. sepals; e. petal; f. column and lip; g. lip, flattened (a: Brass 30952; b: NGF (van Royen) 18122; c–g: redrawn after msc. J.J. Smith).

Fig. 14. *Mediocalcar decoratum* Schuit. – a. Habit; b. shoot; c, d. flower; e. sepals; f. petal; g. column and lip; h. lip; i. column (a, b: Leiden cult. 30685; c, d: Morrison 1659; e–i: Womersley s.n., 30-X-1969).

Fig. 15. *Mediocalcar geniculatum* J.J. Smith – a. Habit; b. flowering shoot; c. flower, cut open; d. sepals; e. petal; f. lip; g. top of column (a: Brass 30850; b, c, f, g: Schuiteman 8; d, e: Schuiteman 2).

Fig. 16. *Mediocalcar paradoxum* (Kraenzl.) Schltr. subsp. *paradoxum* – a, b. Habit; c. flower; d. sepals; e. petal; f. column and lip; g. lip; h. column (a: A.C. Smith 5120; b: Cabalion 2136; c–h: Cribb & Morrison 1941).

Fig. 17. *Mediocalcar paradoxum* (Kraenzl.) Schltr. subsp. *latifolium* (Schltr.) Schuit. – a. Habit; b. flower; c. sepals; d. petal; e. column and lip; f. lip; g. column; h. anther (a: Hoogland 9290; b–h: Kalkman & Vervoort 4144).

Fig. 18. *Mediocalcar paradoxum* (Kraenzl.) Schltr. subsp. *robustum* (Schltr.) Schuit. – a. Habit; b. column and lip (a: Ledermann 8880; b: Idjan & Mochtar 46).

Fig. 19. *Mediocalcar pygmaeum* Schltr. – a, b. Habit; c. flower; d. sepals; e. petal; f. column and lip; g. lip, flattened; h. lip (a: Schlechter 19708; b. Woods 2252; c–g. Gjellerup 1089 [redrawn after msc. J.J. Smith]; h. Clemens 12234).

Fig. 20. *Mediocalcar stevenscoodei* P. Royen – a. Habit; b. flowering shoot; c. sepals; d. petal; e, f. lip; g. column and petal (all from LAE (Stevens & Coode) 51427).

Fig. 21. *Mediocalcar subteres* Schuit. – a. Habit; b. flower; c. sepals; d. petal; e. column and lip; f. lip; g. column (a: NGF (Kairo) 44083; b–f: Reeve 751; g: Cribb S 129).

Fig. 22. *Mediocalcar umboiense* Schuit. – a. Habit; b. flowering shoot; c. flower; d. sepals; e. petal; f. peduncle, ovary, column, petal and lip; g. lip; h. column (all from Leiden cult. (Edinburgh cult. 721246) 30682).

Fig. 23. *Mediocalcar uniflorum* Schltr. – a, b. Habit; c–e. flower; f. sepals; g. petal; h. column and lip; i. lip; j. top of column (a: Hoogland & Craven 9334; b: NGF (Millar) 22908; c, f–i: Cruttwell 1091; d, e: Leiden cult. 30669; j: Morrison 782).

Fig. 24. *Mediocalcar versteegii* J.J. Smith subsp. *versteegii* – a. Habit; b. flower; c. sepals; d. petal; e. column and lip; f. column (a: Hiepko & Schultze-Motel 1344; b–d: Leiden cult. 32151; e, f: Edinburgh cult. C4910).

Fig. 25. *Mediocalcar versteegii* J.J. Smith subsp. *versteegii* – a. Habit, entity '*stenophyllum*'; b. flower; c. column and lip, entity '*cluniforme*'; d. lip (a: Brass 12854; b: Edinburgh cult. C4910; c: Darbyshire 327; d: Leiden cult. 32151).

Fig. 26. *Mediocalcar versteegii* J.J. Smith subsp. *amphigeneum* Schuit. – a. Habit; b. lip (all from Brass 27859).

Fig. 27. *Mediocalcar versteegii* J.J. Smith subsp. *intermedium* Schuit. – a. Habit; b. flower; c. sepals; d. petal; e. column, petal and lip; f. lip; g. column (a: RSNH (McKee) 24160; b–g: Robinson K 197).

Fig. 28. *Mediocalcar versteegii* J.J. Smith subsp. *vulcanicum* Schuit. – a. Habit; b. flower; c. sepals; d. petal; e. column and lip; f. lip (all from Schodde & Craven 3763).

Fig. 29. *Bromheadia alticola* Ridley – a. Habit; b, c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column (a, b, d–h: Kerr 752; c: King's collector 1012).

Fig. 30. *Bromheadia borneensis* J.J. Smith var. *borneensis* – a. Habit; b. base of leaf; c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. viscidium; j. pollinium (a, b: Murata et al. B2309; d–h: de Vogel 9379; i, j: Vermeulen 1286).

Fig. 31. *Bromheadia borneensis* J.J. Smith var. *longiflora* Scheindelen & de Vogel – a. dorsal sepal; b. lateral sepal; c. petal; d. lip; e. column (all from Ridley s.n., 1894).

Fig. 32. *Bromheadia crassiflora* J.J. Smith – a. Habit; b, c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column and lip; i. column; j. viscidium; k. pollinia (a, b: Nooteboom & Chai 02054; c: SAN (Lamb) 87102; d–h, k, j: Endert 4386 [redrawn from msc. J.J. Smith]; i: not recorded).

Fig. 33. *Bromheadia divaricata* Ames & Schweinf. – a. Habit; b. bracts; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column and lip; h. column; i. viscidium; j. pollinium (a: SF (Carr) 27467; b: Clemens 389; c–j: Clemens 27177).

Fig. 34. *Bromheadia finlaysoniana* (Lindley) Miq. – a. Habit; b. base of leaf; c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column and lip; i. column; j. viscidium; k. pollinium (a, b: Pursglove 4899; c: Ridley 638; d–k: Leiden cult. 25842).

Fig. 35. *Bromheadia pendek* de Vogel – a. Habit; b. inflorescence; c. dorsal sepal; d. lateral sepal; e. petal; f. lip, flattened; g. lip, natural position; h. column; i. apex of column; j, k. pollinia (all from Leiden cult. (Wong) 27682).

Fig. 36. *Bromheadia rupestris* Ridley – a. Habit; b, c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column and lip; i. column; j. viscidium; k. pollinium (a: Dunleavy 106; b, i–k: Maingay 2671; c: Ridley 16118; d–h: SF (Haniff) 1091).

Fig. 37. *Bromheadia aporoides* Rchb. f. – a. Habit; b. inflorescence; c. bracts; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. top of column, pollinarium removed; j. viscidium; k. pollinium (a: Kerr 23; b, c: Cumberlege 1160; d–k: Seidenfaden & Smitinand GT 8724).

Fig. 38. *Bromheadia brevifolia* Ridley – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. viscidium; i. pollinium (a: Haviland s.n., 19-XII-1892; b: Leiden cult. (Vermeulen) 26467; c–i: Leiden cult. (de Vogel) 914435).

Fig. 39. *Bromheadia cecieliae* Kruizinga – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. viscidium; i. pollinium (a, b: Clemens 50541; c–i: Leiden cult. (de Vogel) 913892).

Fig. 40. *Bromheadia coomansii* J.J. Smith ex Kruizinga & de Vogel – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. apex of column, pollinarium removed; i. viscidium; j. pollinium (a, b: Vermeulen 1179; c–j: Collenette 2272).

Fig. 41. *Bromheadia devogelii* Kruizinga – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. viscidium; i. pollinium (all from Leiden cult. (de Vogel) 27571).

Fig. 42. *Bromheadia ensifolia* J.J. Smith – a. Stem; b. rhizome; c, d. inflorescence; e. dorsal sepal; f. lateral sepal; g. petal; h. lip; i. column; j. viscidium; k. pollinium (a, c: Leiden cult. (de Vogel) 914713; b: Hallier 3394; d: Ridley s.n., VI-1915; e–k: Leiden cult. (de Vogel) 913663).

Fig. 43. *Bromheadia gracilis* Kruizinga & de Vogel – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. lip; f. column; g. viscidium; h. pollinium (a, b, g, h: Vermeulen & Duistermaat 1075; c–f: Vermeulen & Duistermaat 1010).

Fig. 44. *Bromheadia graminea* Kruizinga & de Vogel – a. Stem; b. apex of stem; c. inflorescence; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. apex of column, pollinarium removed; j. viscidium; k. pollinium (a, c–k: Leiden cult. (de Vogel) 913435; b: S (Martin) 37575).

Fig. 45. *Bromheadia grandiflora* Kruizinga & de Vogel – a. Stem; b. apex of stem; c. inflorescence; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. apex of column, pollinarium removed; j. viscidium; k. pollinium (a, b, d–k: Leiden cult. (de Vogel) 914280; c: Leiden cult. (de Vogel) 914311).

Fig. 46. *Bromheadia humilis* Kruizinga & de Vogel – a. Stem; b. apex of stem (all from Lamb 1226B/90).

Fig. 47. *Bromheadia latifolia* Kruizinga & de Vogel – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. viscidium; i. pollinium (all from Bogor cult. 983-VIII-205).

Fig. 48. *Bromheadia lohaniensis* Kruizinga & de Vogel – a. Habit; b. apex of stem; c. fruit; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h, i. column; j. viscidium; k. pollinium (all from Leiden cult. (Vermeulen) 26690).

- Fig. 49. *Bromheadia longifolia* Kruizinga & de Vogel – a. Habit; b. apex of stem (all from SAN (Leopold et al.) 71909).
- Fig. 50. *Bromheadia pungens* Ridley – a. Habit; b. apex of stem (all from Ridley s.n., VII-1911).
- Fig. 51. *Bromheadia robusta* Kruizinga & de Vogel – a. Habit; b. bracts; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. apex of column; i. viscidium; j. pollinia (a, c–j: Leiden cult. (Schuiteman, Mulder & Vogel) 933130; b: Afriastini 1136).
- Fig. 52. *Bromheadia scirpoidea* Ridley – a. Habit; b. stem; c. apex of stem; d. dorsal sepal; e. lateral sepal; f. petal; g–i. lip; j. column; k. apex of column, pollinarium removed; l. viscidium; m. pollinium (a: Shah 231; b, c: Shah 87; d–g, j–m: Leiden cult. (de Vogel) 27710; h: Leiden cult. (de Vogel) 914911; i: Leiden cult. (de Vogel) 30180).
- Fig. 53. *Bromheadia srilankensis* Kruizinga & de Vogel – a. Habit; b. apex of stem; c. flower; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. viscidium (all from Fernando s.n. [a & c after msc. drawing by Fernando]).
- Fig. 54. *Bromheadia tenuis* J.J. Smith – a. Habit; b. apex of stem; c. dorsal sepal; d. lateral sepal; e. petal; f. lip; g. column; h. apex of column, pollinarium removed; i. viscidium; j. pollinium (a: Clemens 20184; b, i, j: Clemens 20308; c–h: Leiden cult. (de Vogel) 914310).
- Fig. 55. *Bromheadia truncata* Seidenf. – a, b. Habit; c. apex of stem; d. dorsal sepal; e. lateral sepal; f. petal; g. lip; h. column; i. apex of column, pollinarium removed; j, k: pollinarium; l. pollinium (a, d–l: Leiden cult. (de Vogel) 27695; b: Sinclair 8641; c: Segerbäck 2128).
- Fig. 56. *Acanthephippium bicolor* Lindley – a. Flower; b. lip and column; c. ovary, cross section; d. lip, front view; e. lip, side view, one side-lobe removed; f. anther cap, side view; g. anther-cap, from above; h. lateral sepal; j. dorsal sepal; k. petal; l. habit (all from Jayaweera 2175).
- Fig. 57. *Acanthephippium curtisii* Rehb. f. – a. Habit; b. lip and column; c. petal; d. dorsal sepal; e. lateral sepal; f. lip, front view; g. lip, side view; h. ovary, cross section; j. anther-cap, front view; k. anther-cap, side view (all from George in Lamb AL SAR 266/86).
- Fig. 58. *Acanthephippium eburneum* Kraenzl. – a. Habit; b. lip and column; c. dorsal sepal; d. petal; e. lateral sepal; f. lip; g. ovary, cross section; h. anther-cap, side view; j. anther-cap, from above; k. pollinia (all from Bogor cult. s.n., det. J.J. Smith).
- Fig. 59. *Acanthephippium gougahense* (Guillaumin) Seidenf. – a. Lip and column; b. habit; c. lateral sepal; d. dorsal sepal; e. petal; f. lip, front view; g. lip, side view, one side-lobe removed; h. ovary, cross section; j. anther-cap, from above; k. anther-cap, side view; l. pollinia (all from Smitinand s.n.).
- Fig. 60. *Acanthephippium javanicum* Blume – a. Habit; b. lip and column; c. dorsal sepal; d. lateral sepal; e. petal; f. lip, front view; g. lip, side view; h. ovary, cross section; j. pollinia; k. anther-cap, front view; l. anther-cap, side view (all from Lamb s.n.).
- Fig. 61. *Acanthephippium lilacinum* J.J. Wood & C.L. Chan – a. Habit; b. lip, spread out; c. lip, front view; d. lip, side view; e. flower, side view with one lateral sepal and one petal removed; f. petal; g. dorsal sepal; h. lateral sepal; i. anther; j. pollinia; k. ovary, cross section (all from Lamb s.n.).
- Fig. 62. *Acanthephippium mantinianum* Linden & Cogn. – a. Habit; b. lip and column; c. lip; d. lateral sepal; e. petal; f. dorsal sepal; g. anther-cap, from above; h. anther-cap, side view (all from Vanoverbergh 3122).
- Fig. 63. *Acanthephippium parviflorum* Hassk. – a. Flower, three tepals removed; b. habit; c. lateral sepal; d. dorsal sepal; e. petal; f. lip, side view, one side-lobe removed; g. lip, spread out, one side-lobe removed; h. anther-cap, from above; j. anther-cap, side-view; k. ovary, cross section (all from Winckel s.n.).

Fig. 64. *Acanthephippium splendidum* J.J. Smith – a. Habit; b. lip and column; c. dorsal sepal; d. lateral sepal; e. petal; f. lip, front view; g. lip, from above; h. lip, one side-lobe removed; j. anther-cap, side view; k. anther-cap, from above (all from Wheatley 350).

Fig. 65. *Acanthephippium striatum* Lindley – a. Habit; b. lip and column; c. lip, one side-lobe removed; d. lip, spread out; e. lateral sepal; f. dorsal sepal; g. petal; h. anther-cap, from above; j. anther-cap, side view (all from Pantling 269).

Fig. 66. *Acanthephippium sylhetense* Lindley – a. lip and column; b. lateral sepal; c. petal; d. dorsal sepal; e. pollinia; f. lip, front view; g. lip, side view; h. ovary, cross section; j. anther-cap, side view; k. anther-cap, front view; l. habit (all from Menzies & Du Puy s.n.).

Fig. 67. *Chrysoglossum assamicum* Hook. f. – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. column (all from Griffith 1233/1322).

Fig. 68. *Chrysoglossum ensigerum* W. Burgh & de Vogel – a. Habit; b. dorsal sepal; c. petal; d. lateral sepal; e, f. lip; g. column (all from Bangham & Bangham 1123).

Fig. 69. *Chrysoglossum ornatum* Blume – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. column (all from Blume 295).

Fig. 70. *Chrysoglossum reticulatum* Carr – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. column; i. anther; j. pollinium (all from Nooteboom 968).

Fig. 71. *Collabium acuticalcar* W. Burgh & de Vogel – a. Habit; b. left lateral sepal; c. petal; d. dorsal sepal; e. right lateral sepal; f. lip; g. column (all from Hagerup s.n.).

Fig. 72. *Collabium bicameratum* (J.J. Smith) J.J. Wood – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther; i. pollinium (all from Nooteboom & Chai 02212).

Fig. 73. *Collabium carinatum* de Vogel – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f. lip; g. lip and column; h. fruits (a: Reeve 703; b–h: Reeve 3494).

Fig. 74. *Collabium chinense* (Rolfe) Tang & Wang – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. base of lip, spread out; i. column; j. anther; k. pollinia (a–f, i–k: Balansa 1998; g, h: Robinson s.n.).

Fig. 75. *Collabium chloranthum* (Gagnep.) Seidenf. – a. Habit; b. flower; c. right lateral sepal; d. right petal; e. dorsal sepal; f. left petal; g. left lateral sepal; h. lip; i. column (all from Poilane 19731).

Fig. 76. *Collabium delavayi* (Gagnep.) Seidenf. – a. Habit; b. flower; c. right lateral sepal; d. right petal; e. dorsal sepal; f. left petal; g. left lateral sepal; h. lip, flattened; i. lip, keels not flattened, one keel removed; j. column; k. anther; l. pollinia (all from To & Ts'ang 12402).

Fig. 77. *Collabium formosanum* Hayata – a. Habit; b. flower; c. right lateral sepal; d. right petal; e. dorsal sepal; f. left petal; g. left lateral sepal; h. lip; i. lip, flattened, one keel removed; j. column; k. anther; l. pollinia (all from Kingdon Ward 12939).

Fig. 78. *Collabium nebulosum* Blume – a. Habit; b. flower; c. right lateral sepal; d. right petal; e. dorsal sepal; f. left petal; g. left lateral sepal; h. lip; i. column; j. anther (all from Blume s.n. (W, 5748)).

Fig. 79. *Collabium pumilum* (J.J. Smith) Seidenf. – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. column; i. anther; j. pollinia (a–f, h–j: Kjellberg 1468; g: Bridson 286).

Fig. 80. *Collabium simplex* Rchb.f. – a. Habit; b. flower; c. right lateral sepal; d. right petal; e. left petal; f. dorsal sepal; g. left lateral sepal; h. lip; i. lip, flattened, one keel removed; j. column; k. anther; l. pollinia (all from Veitch & Sons (Curtis) 288).

Fig. 81. *Collabium vesicatum* (Rchb. f.) Schltr. – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f, g. lip; h. column; i. anther; j. pollinium (all from NGF (van Royen) 20155, from New Guinea).

Fig. 82. *Collabium vesicatum* (Rchb. f.) Schltr. – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f. lip; g. column (all from Seemann 611, from Fiji).

Fig. 83. *Diglyphosa evrardii* (Gagnep.) Tang & Wang – a. Habit; b. flower; c. lateral sepal; d. petal; e. dorsal sepal; f. lip; g. column (all from Evrard 1250).

Fig. 84. *Diglyphosa latifolia* Blume – a. Habit; b. flower; c. lateral sepal; d. petal; e. dorsal sepal; f. lip; g. lip, flattened; h. column; i, j. anther; k. pollinium (all from van Oostroom 13111).

Fig. 85. *Pilophyllum villosum* (Blume) Schltr. – a. Habit; b. flower; c. dorsal sepal; d. petal; e. lateral sepal; f–h. lip; i. column; j. anther; k. pollinium (a: composite; b–k: Bogor cult. s.n., 1908).

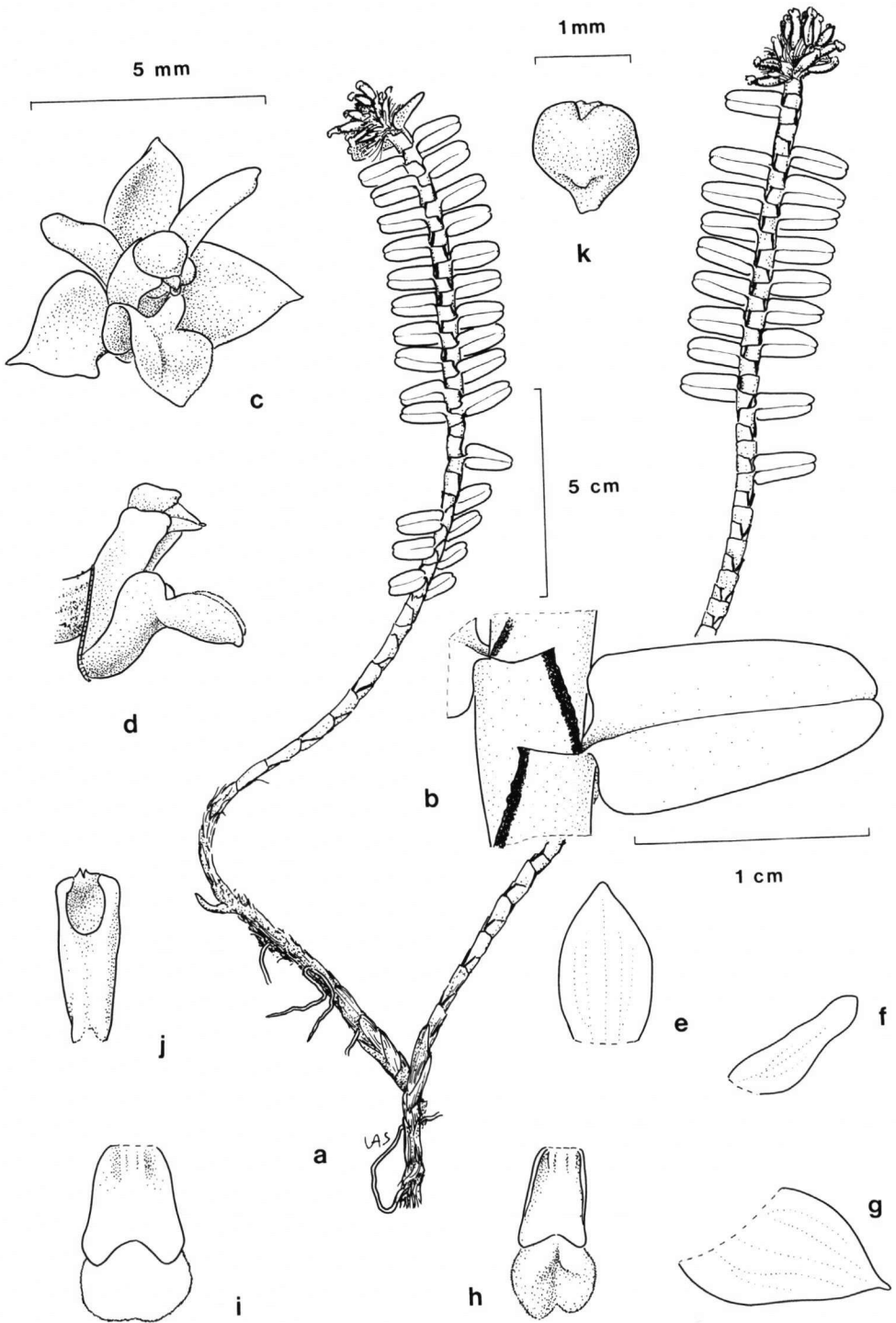


Fig. 1.

(Ridley) Schuit.

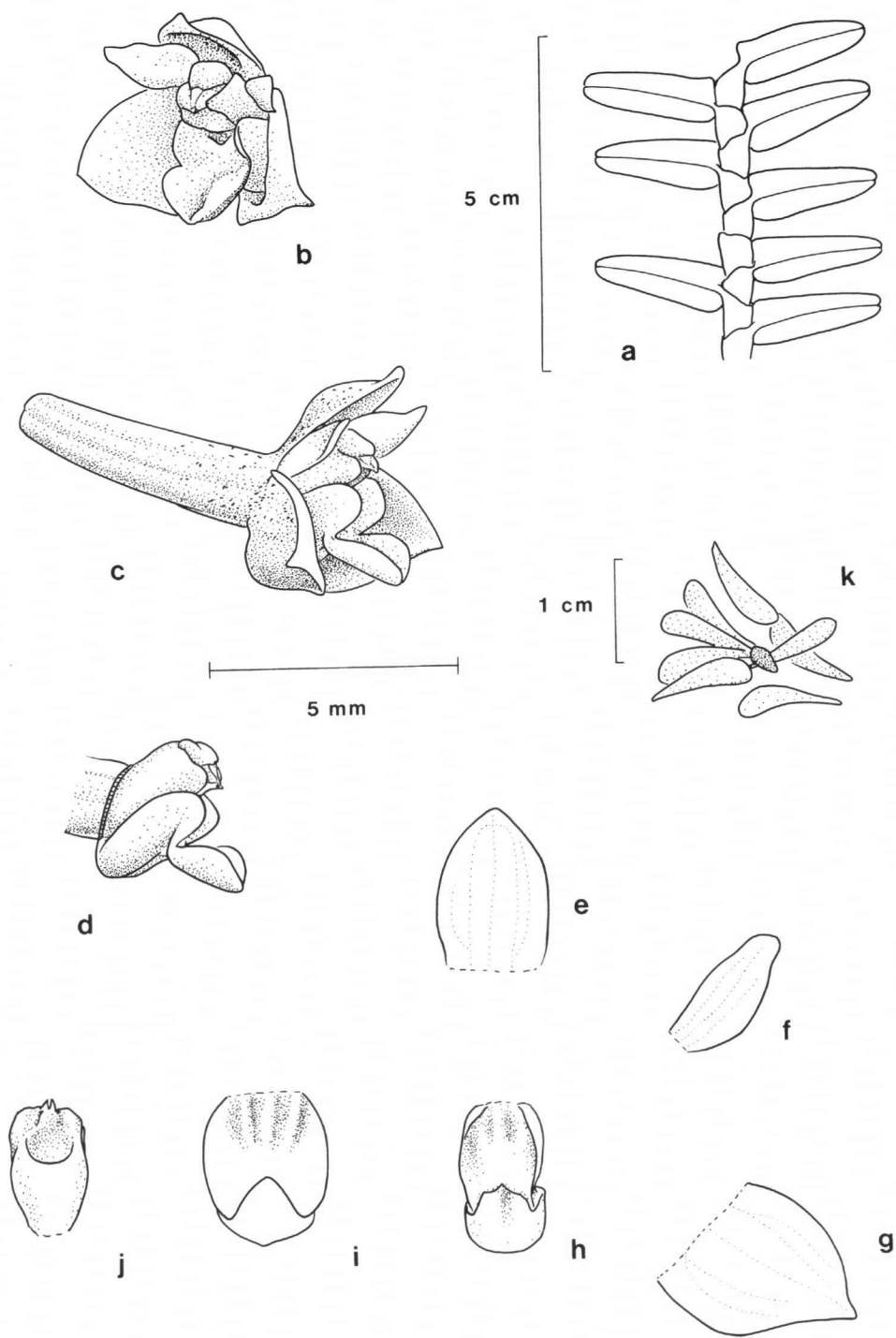


Fig. 2.

(Ridley) Schuit.

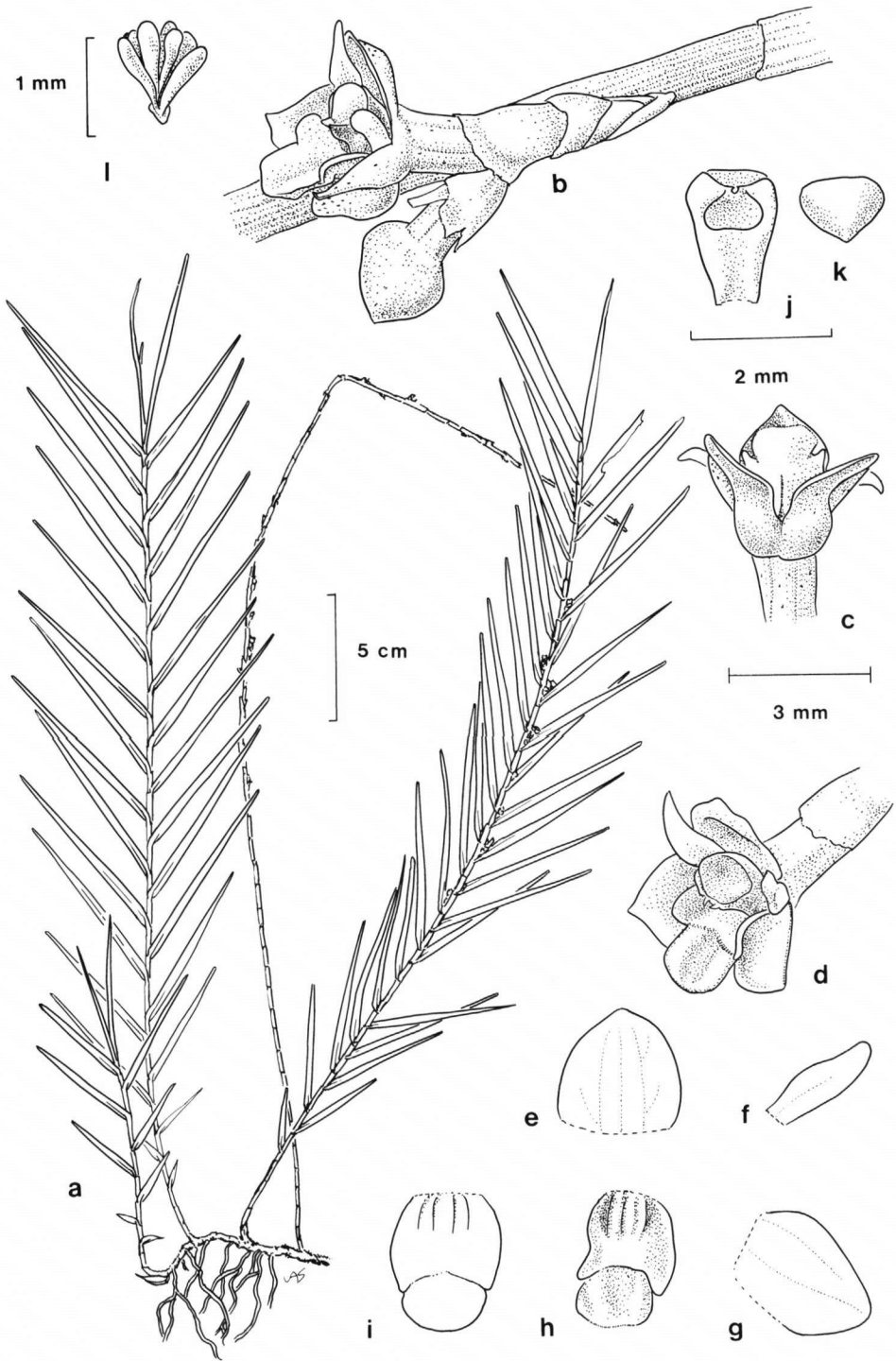


Fig. 3.

J.J. Smith

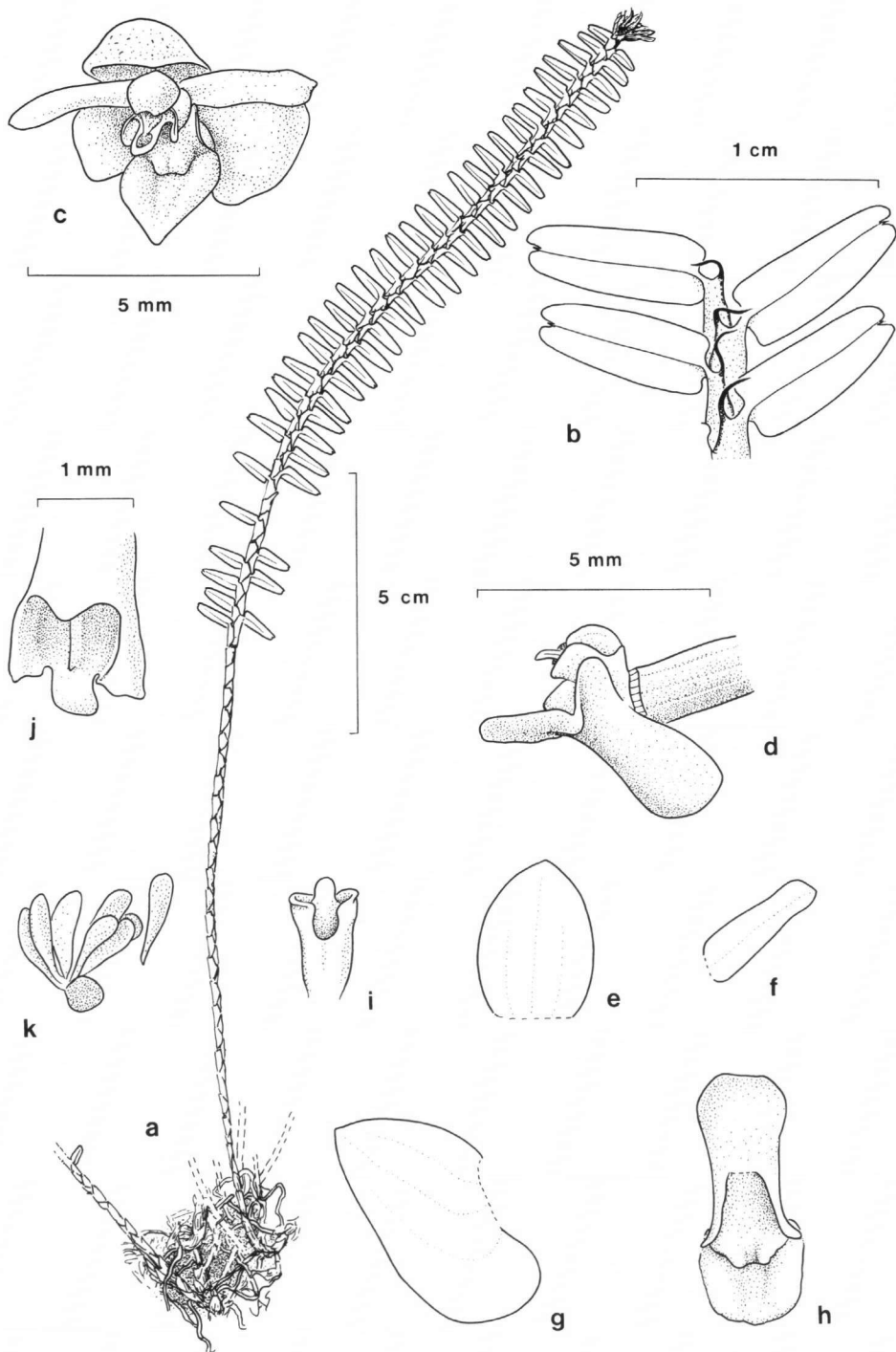


Fig. 4.

(Griff.) Schltr. subsp.

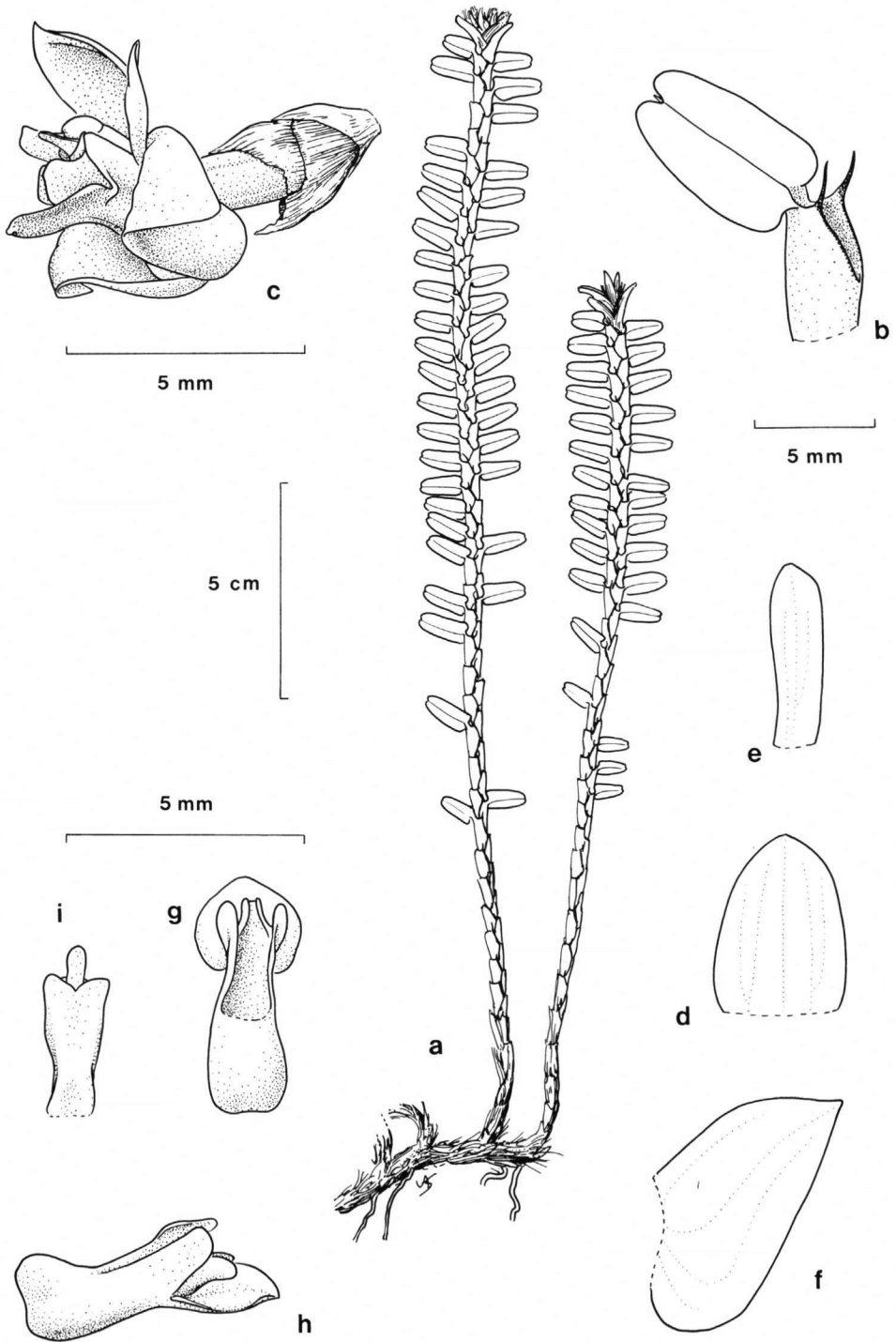


Fig. 5.

(Griff.) Schltr. subsp.

(J.J. Smith) Schuit.

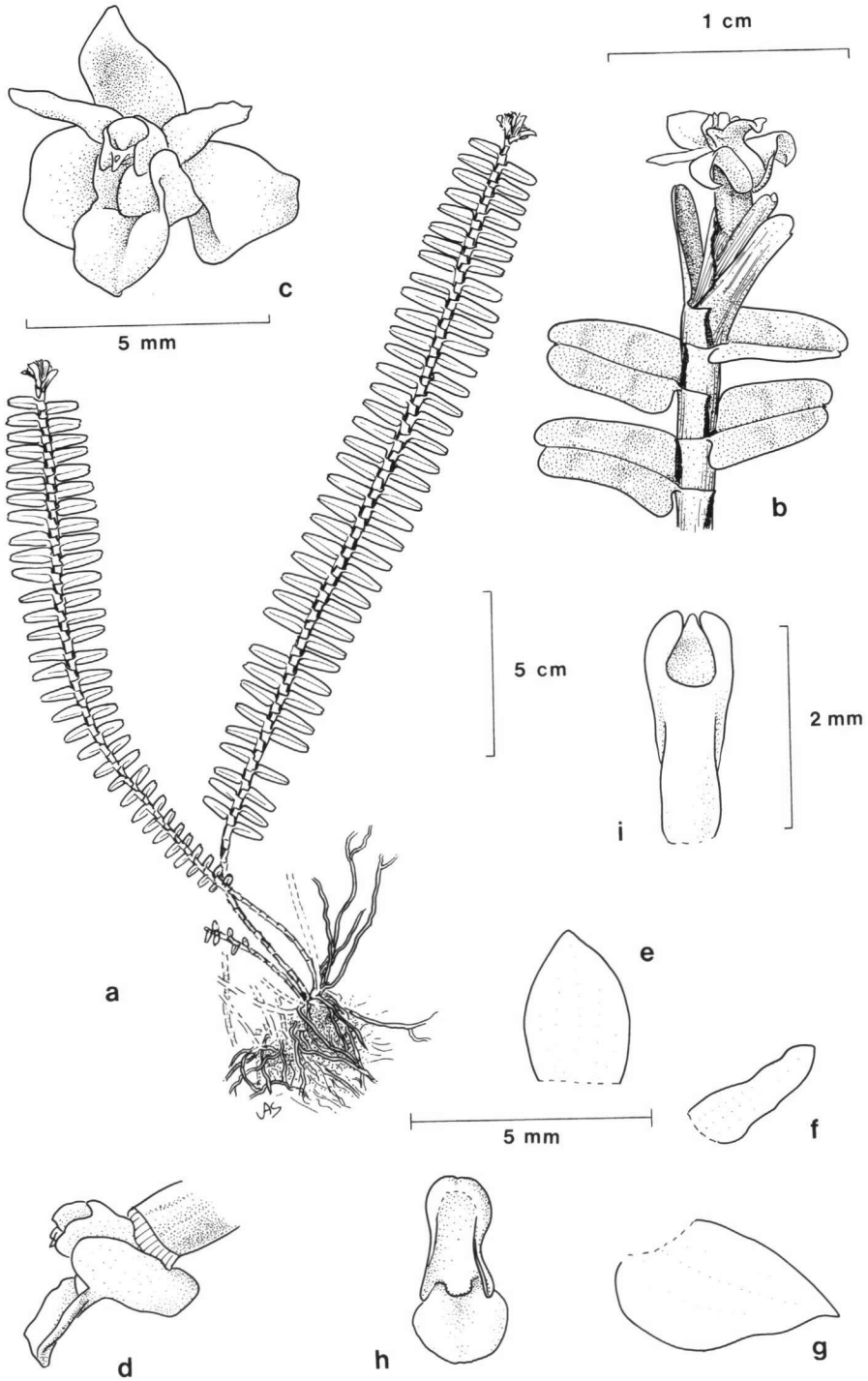


Fig. 6.

Schltr. & J.J. Smith

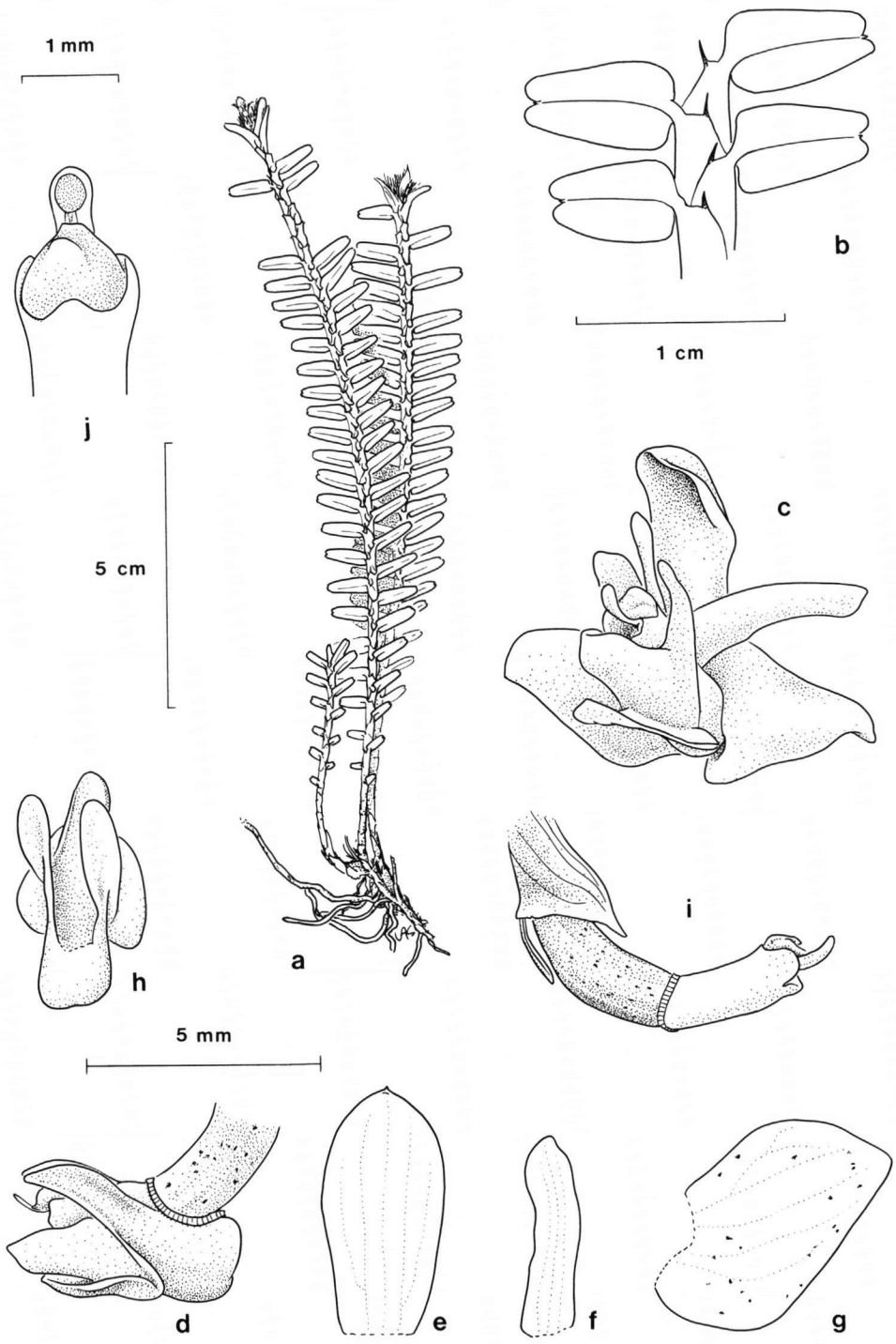


Fig. 7.

Schltr.

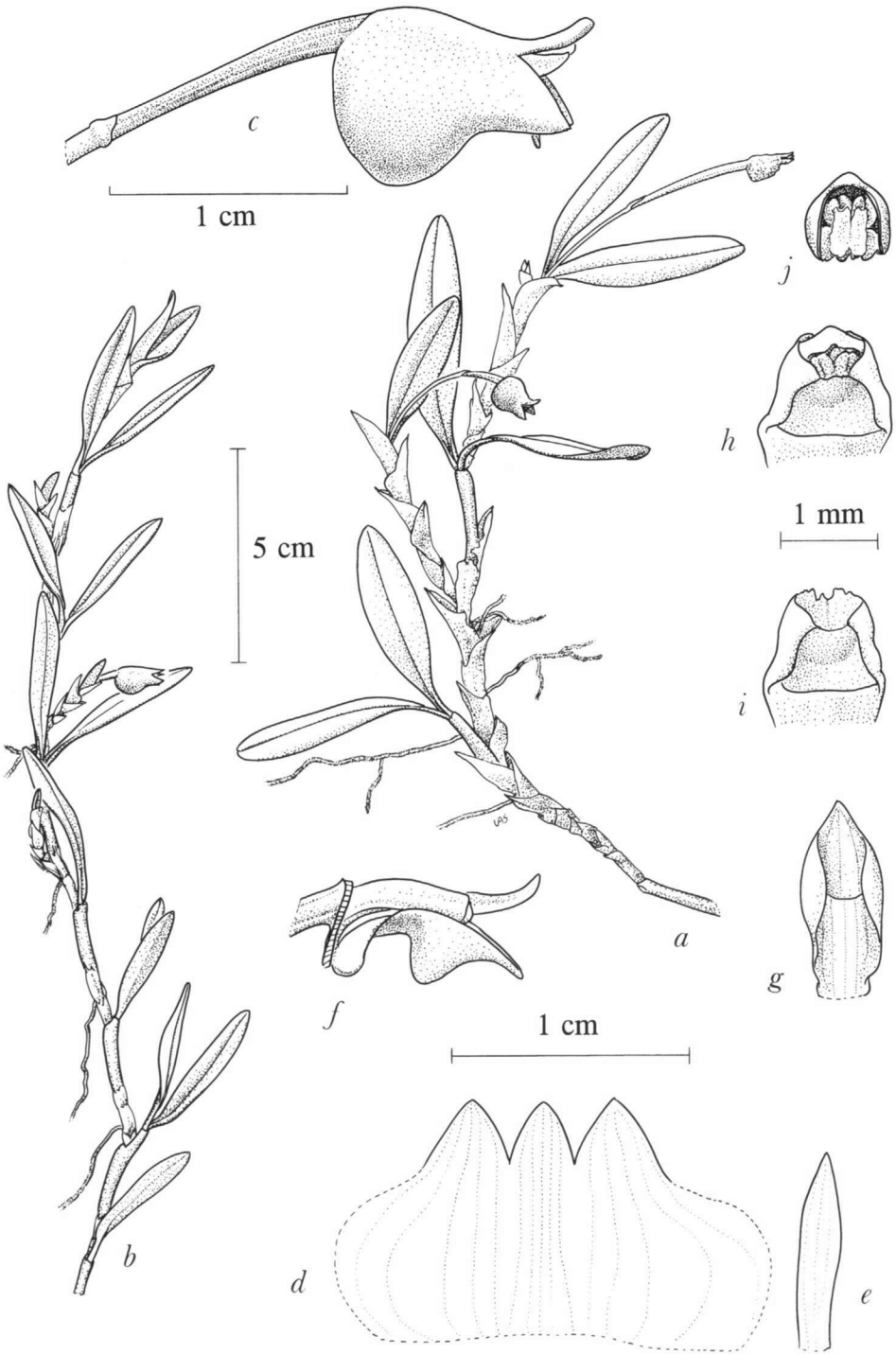


Fig. 8.

J.J. Smith

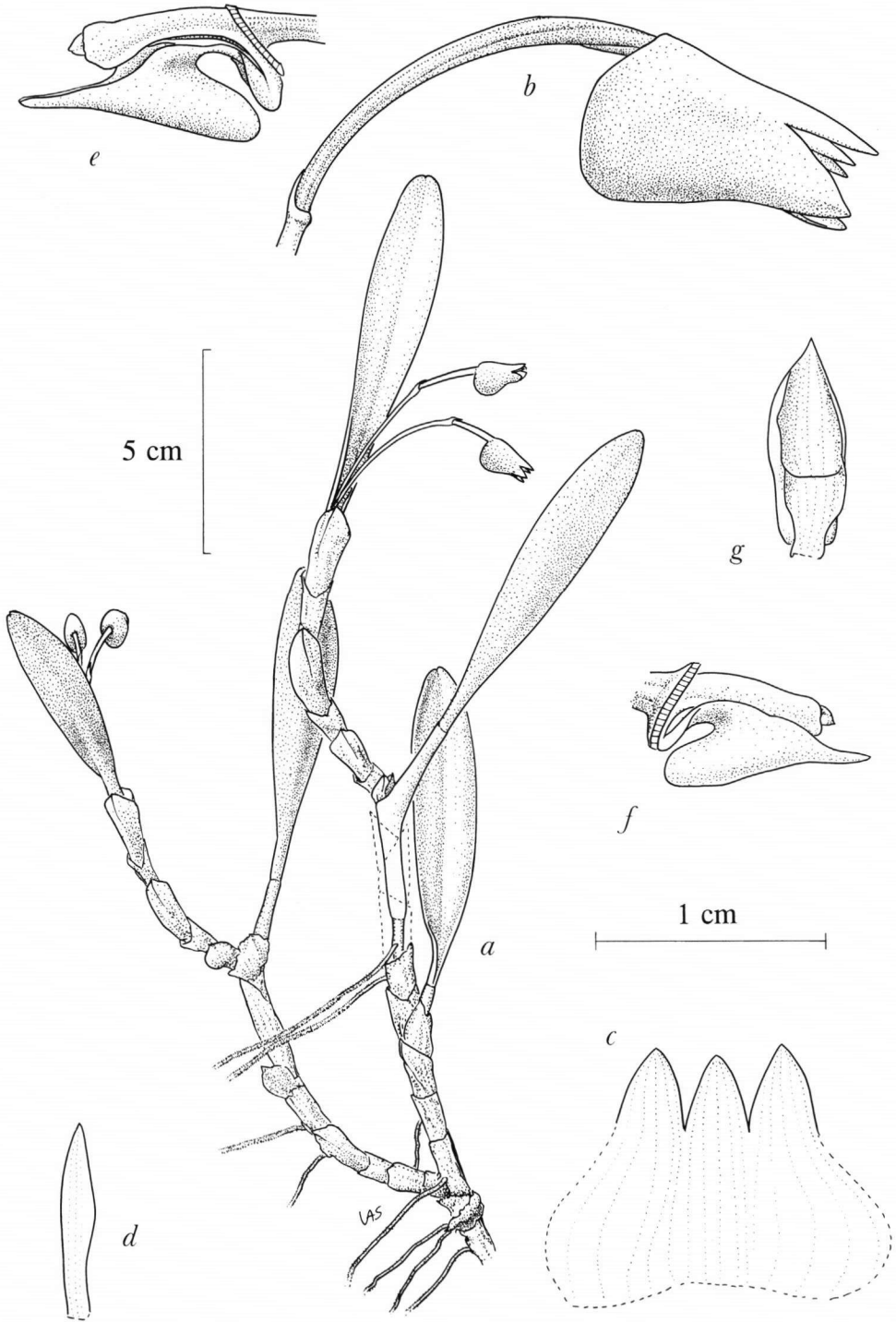


Fig. 9.

J.J. Smith

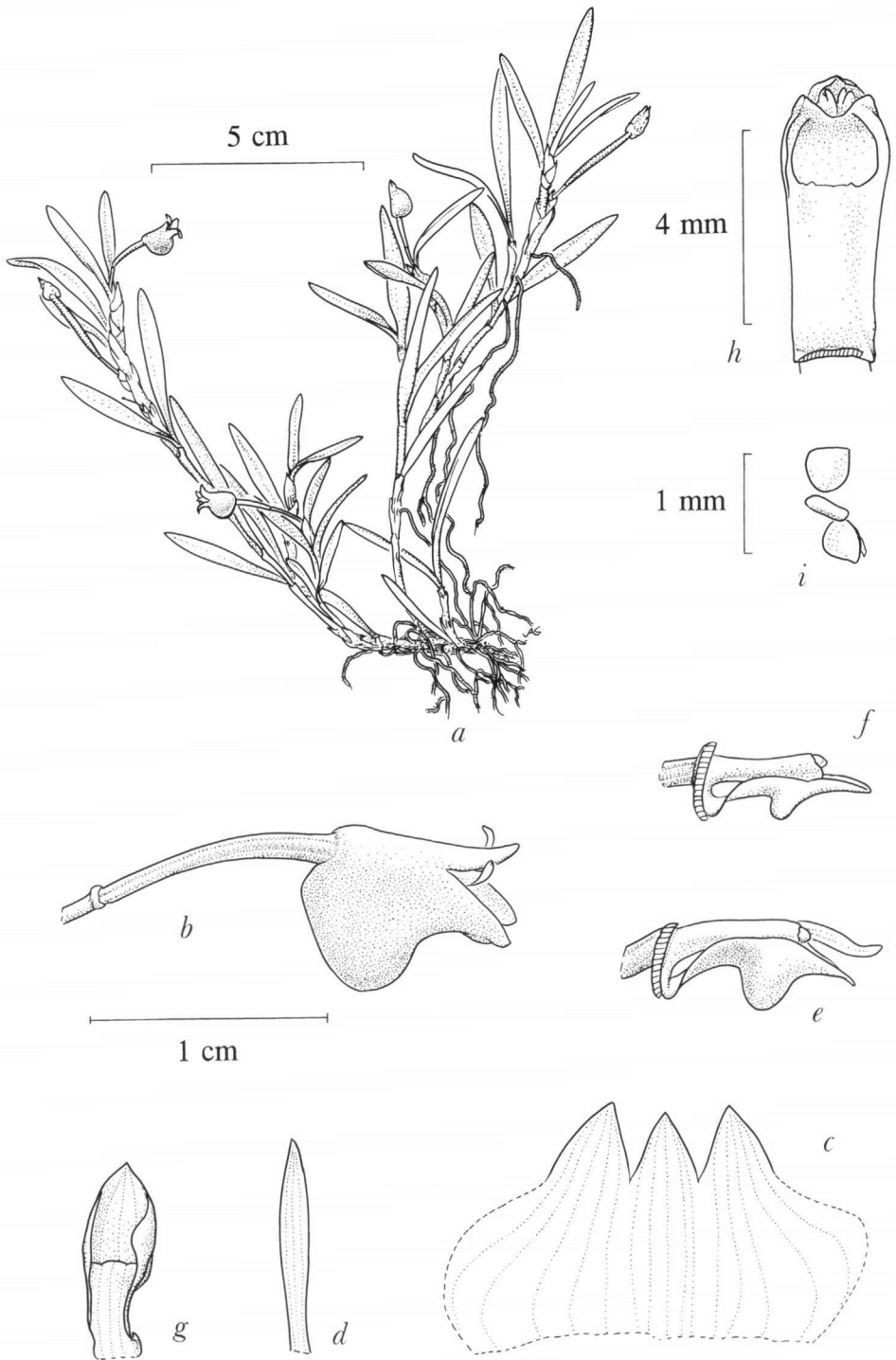


Fig. 10.

J.J. Smith

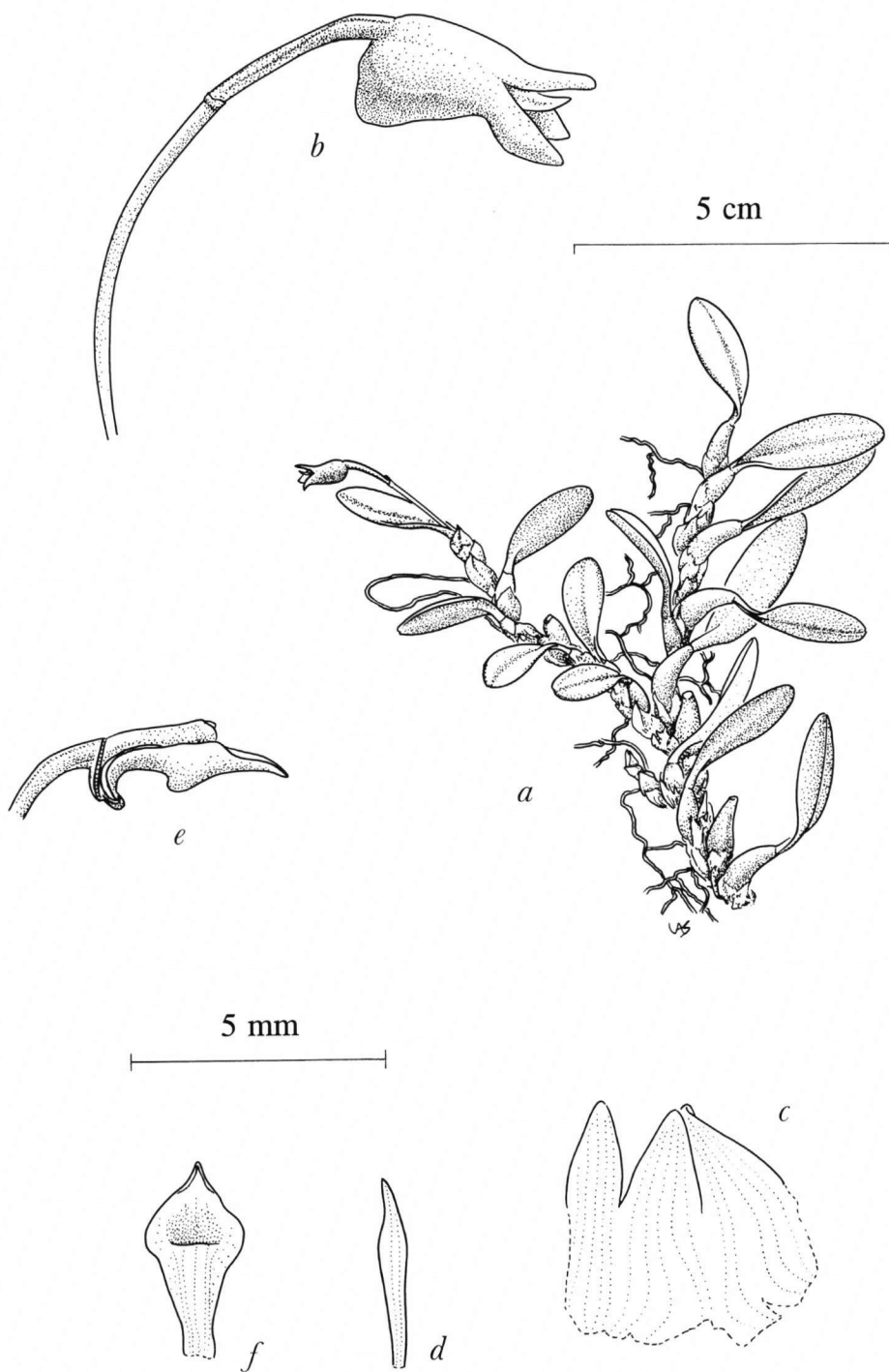


Fig. 11.

J.J. Smith

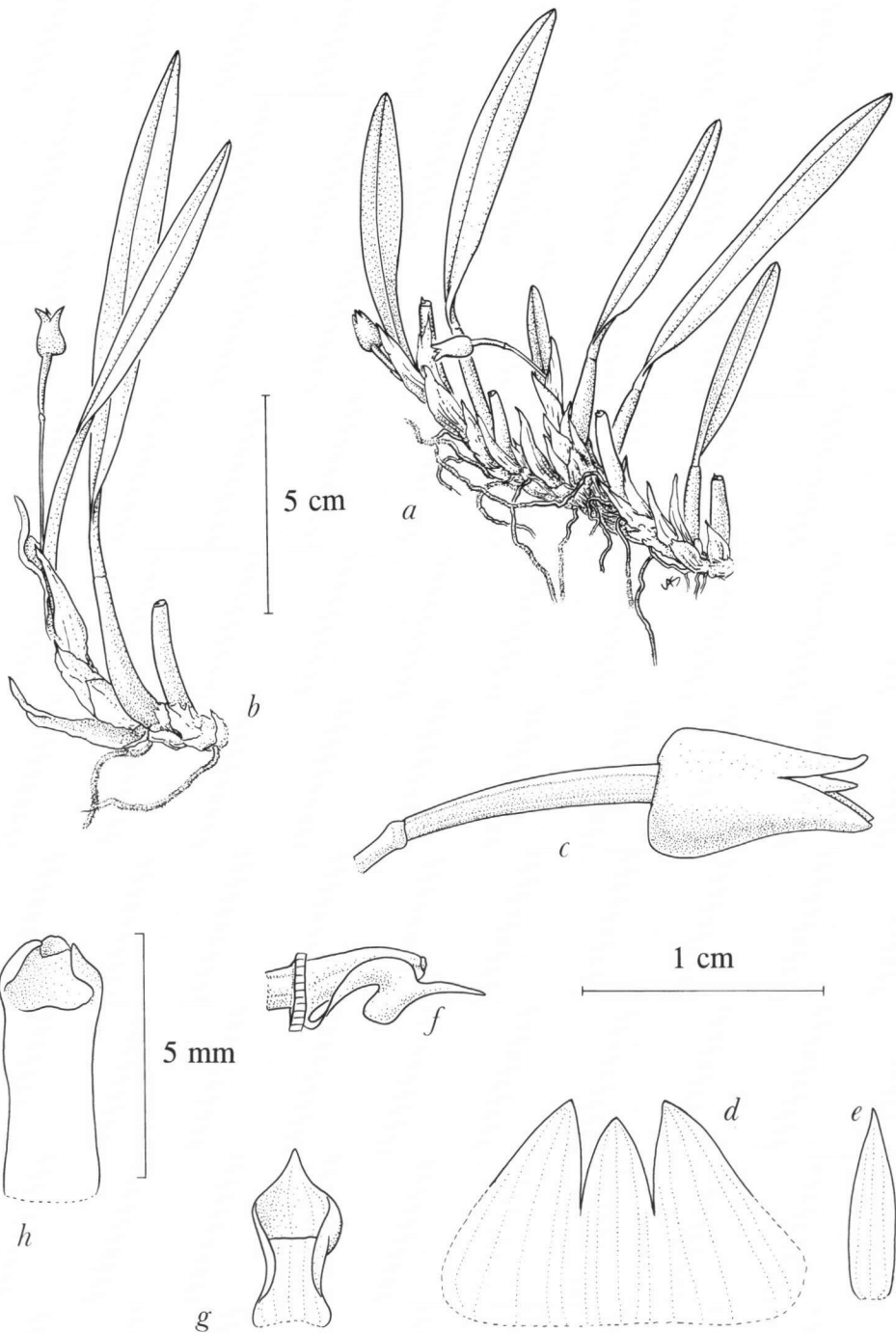


Fig. 12.

Schuit.

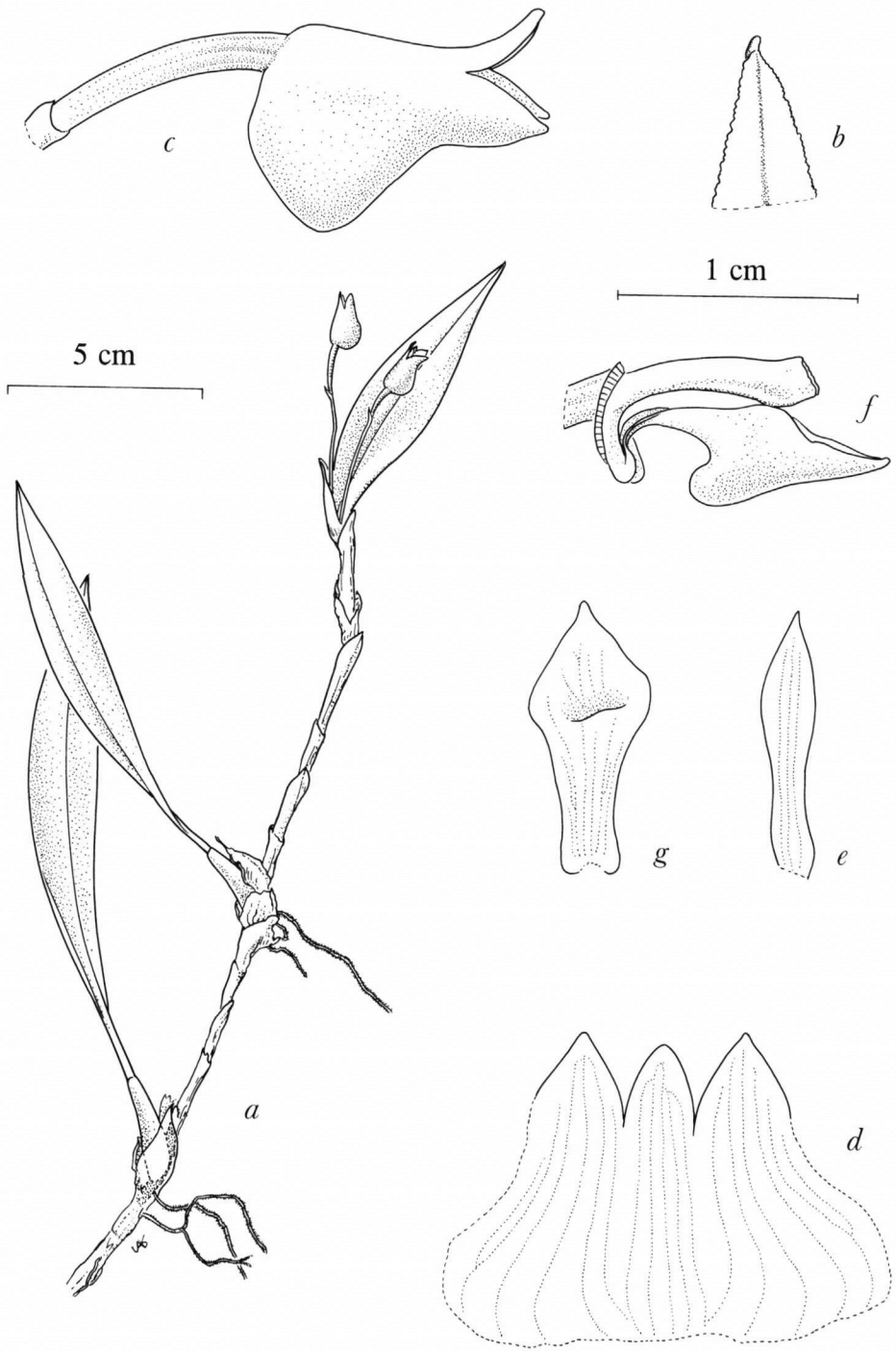


Fig. 13.

J.J. Smith

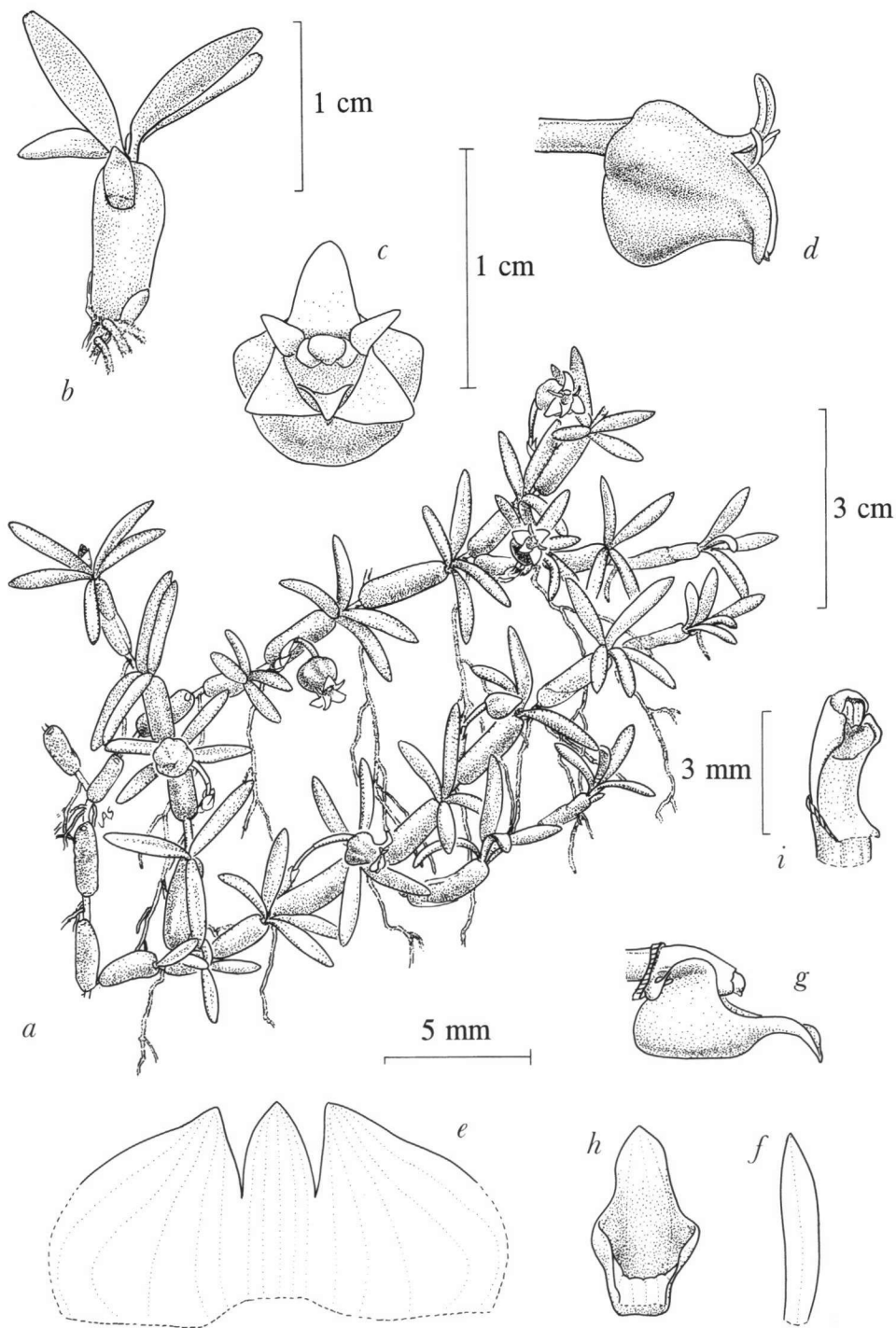


Fig. 14.

Schuit.

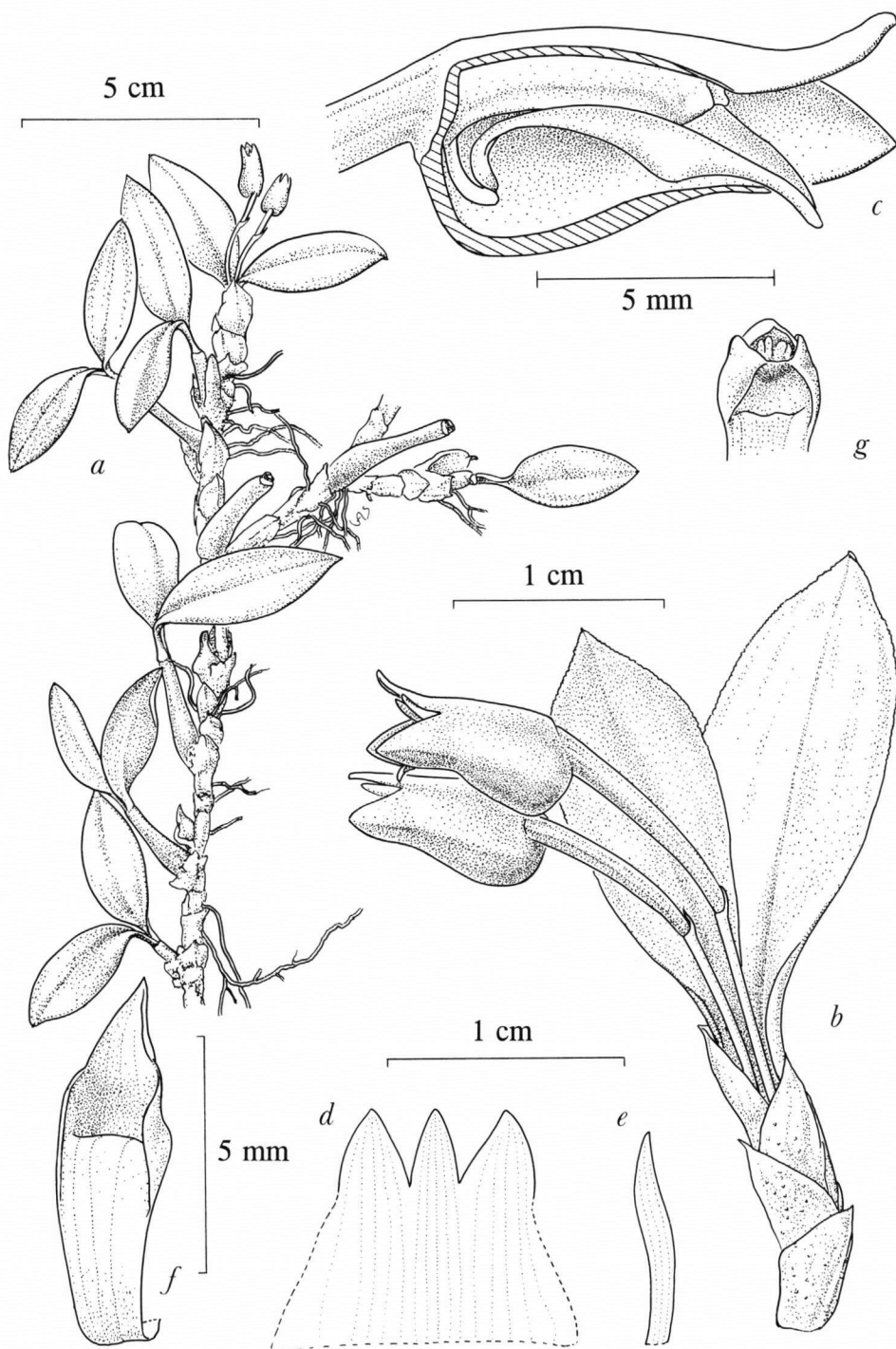


Fig. 15. J.J. Smith

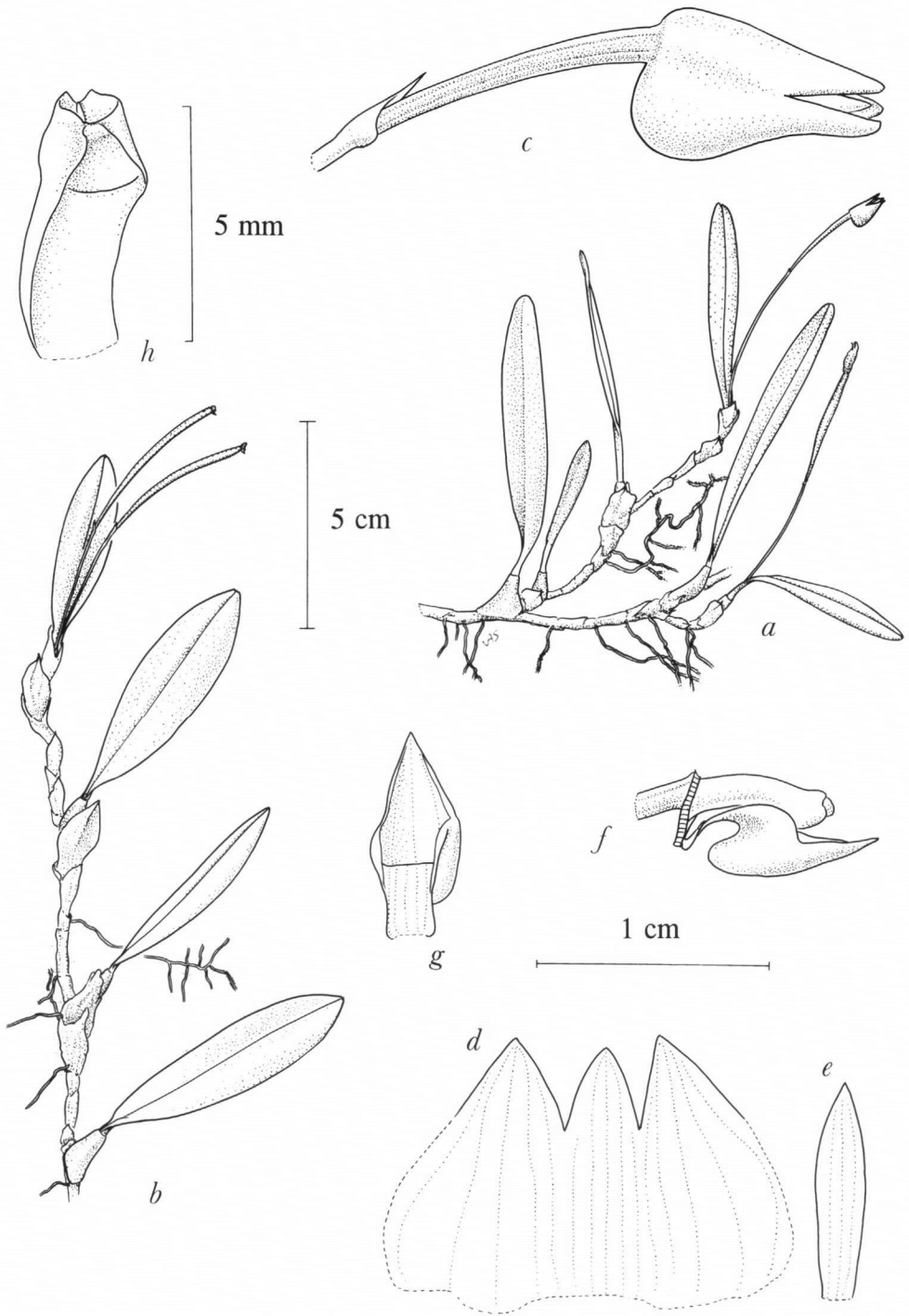


Fig. 16.

(Kraenzl.) Schltr. subsp.

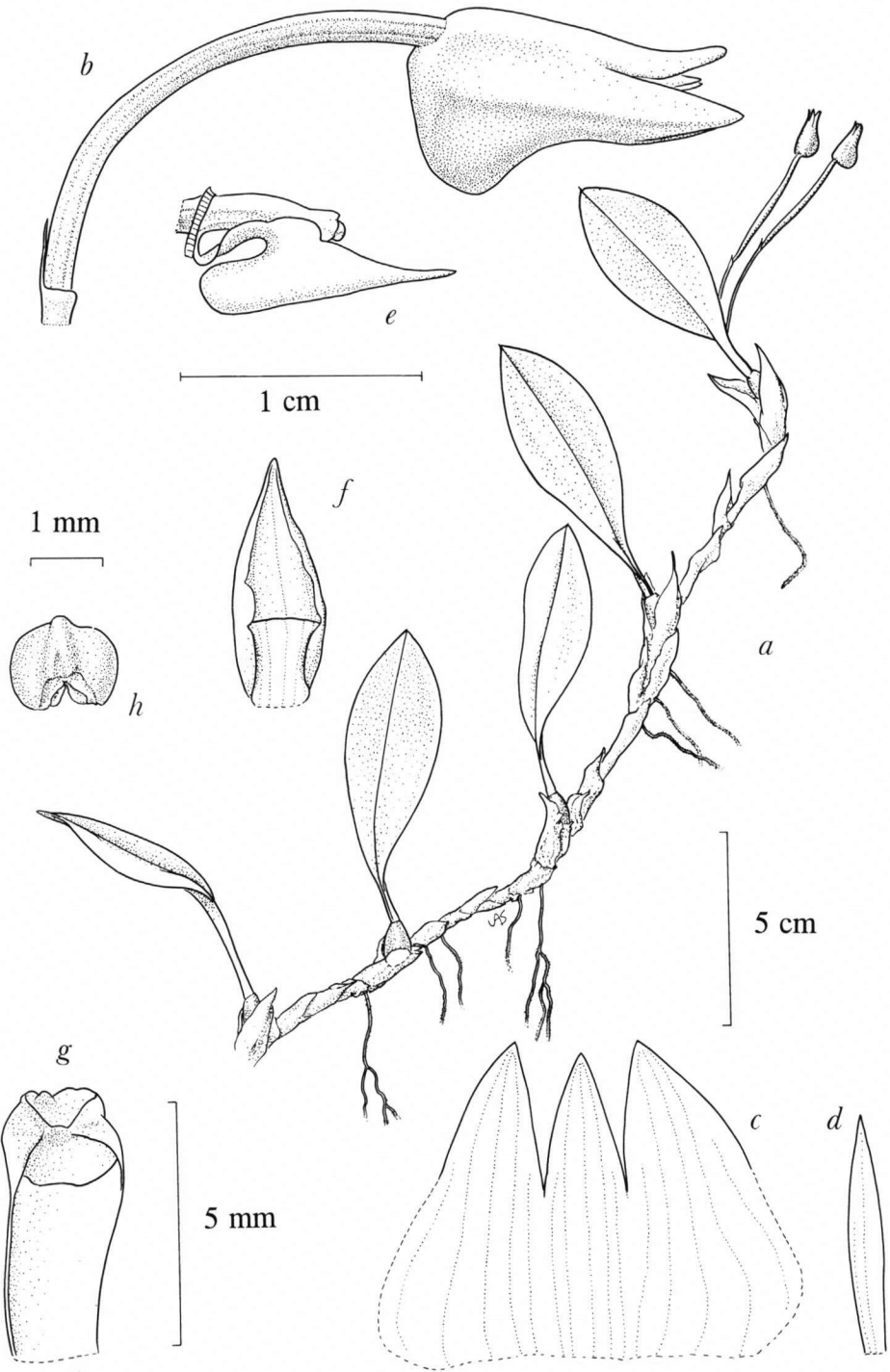


Fig. 17.

(Kraenzl.) Schltr. subsp.

(Schltr.) Schuit.

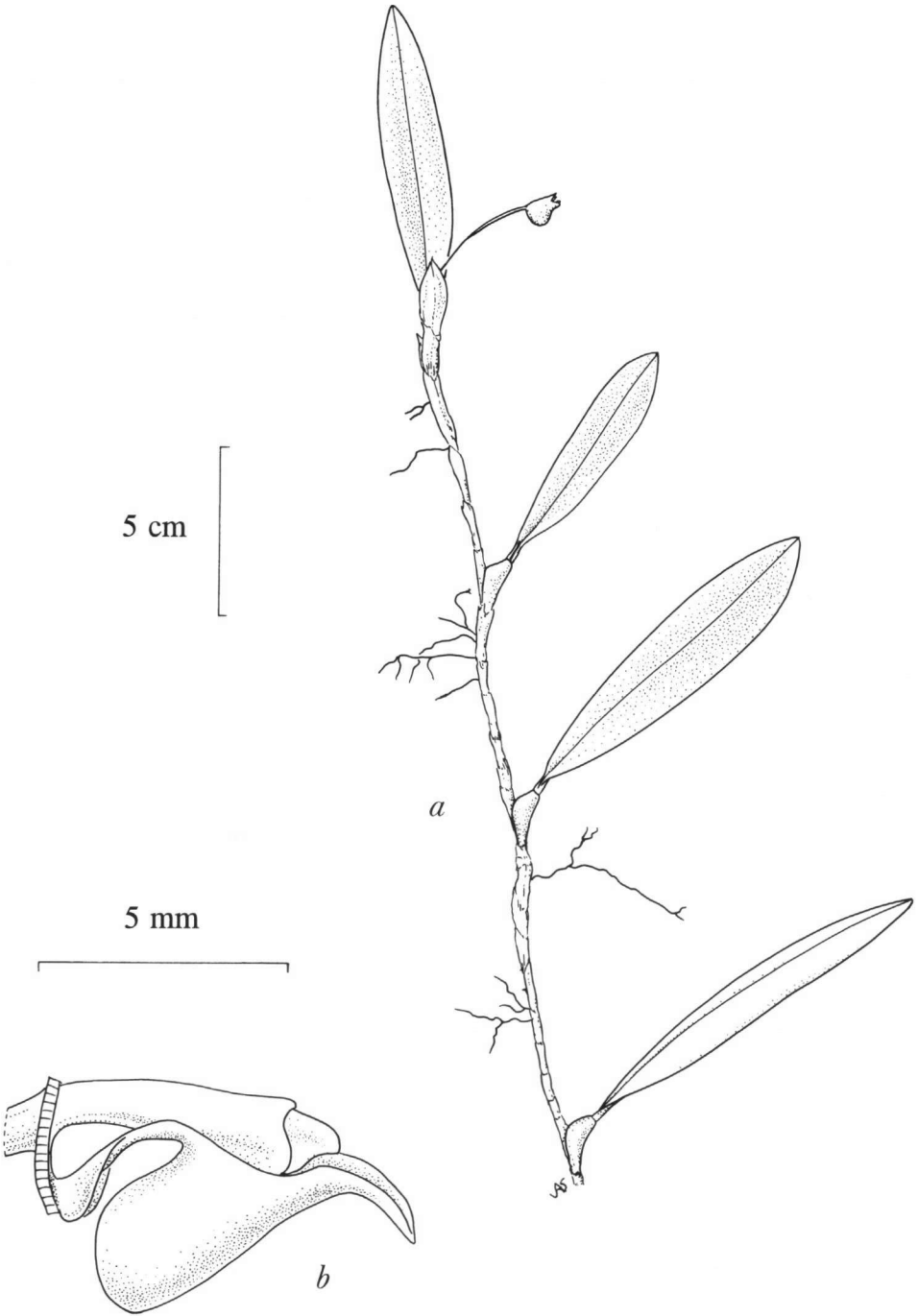


Fig. 18.

(Kraenzl.) Schltr. subsp.

(Schltr.) Schuit.

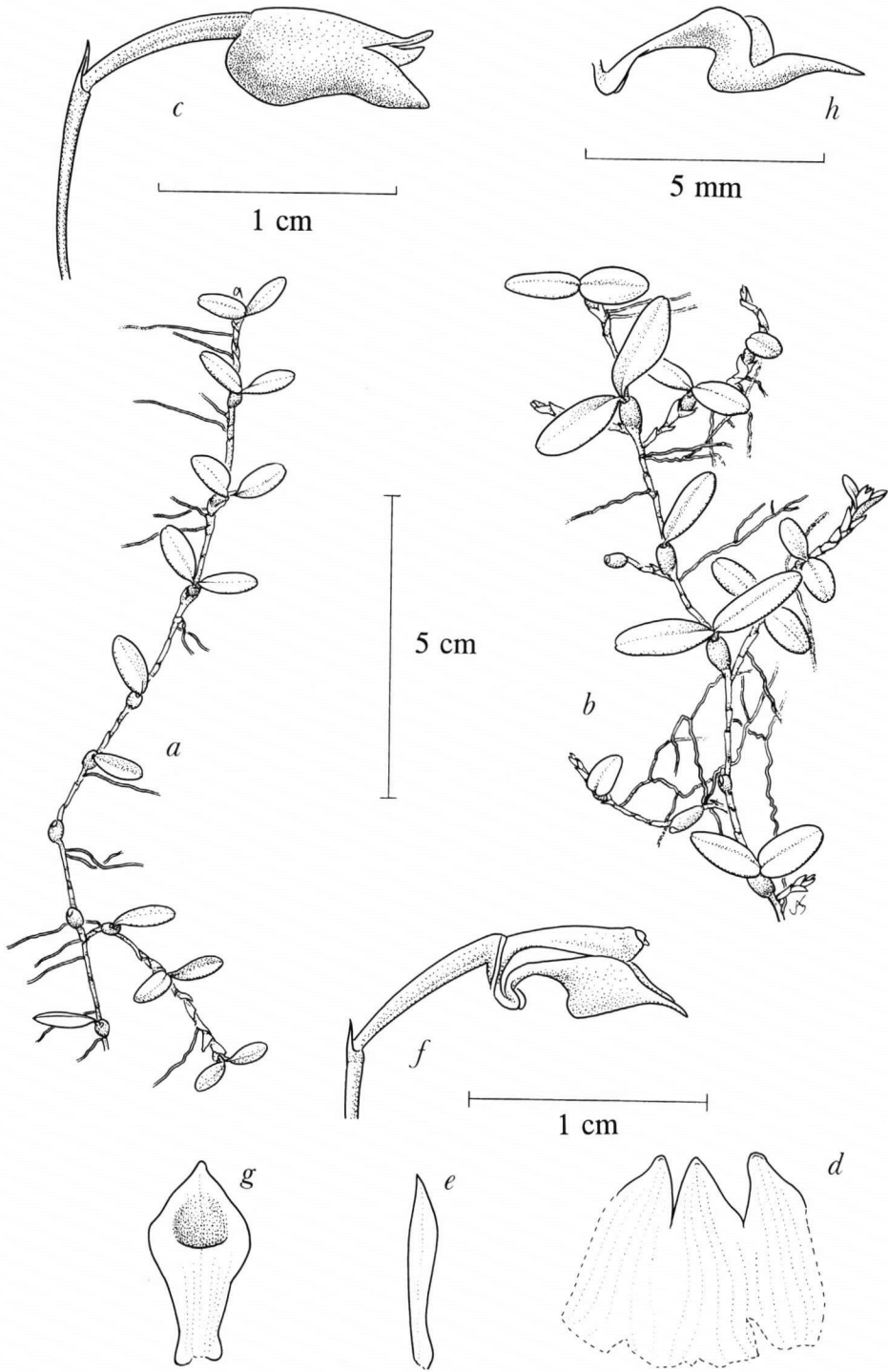


Fig. 19.

Schltr.

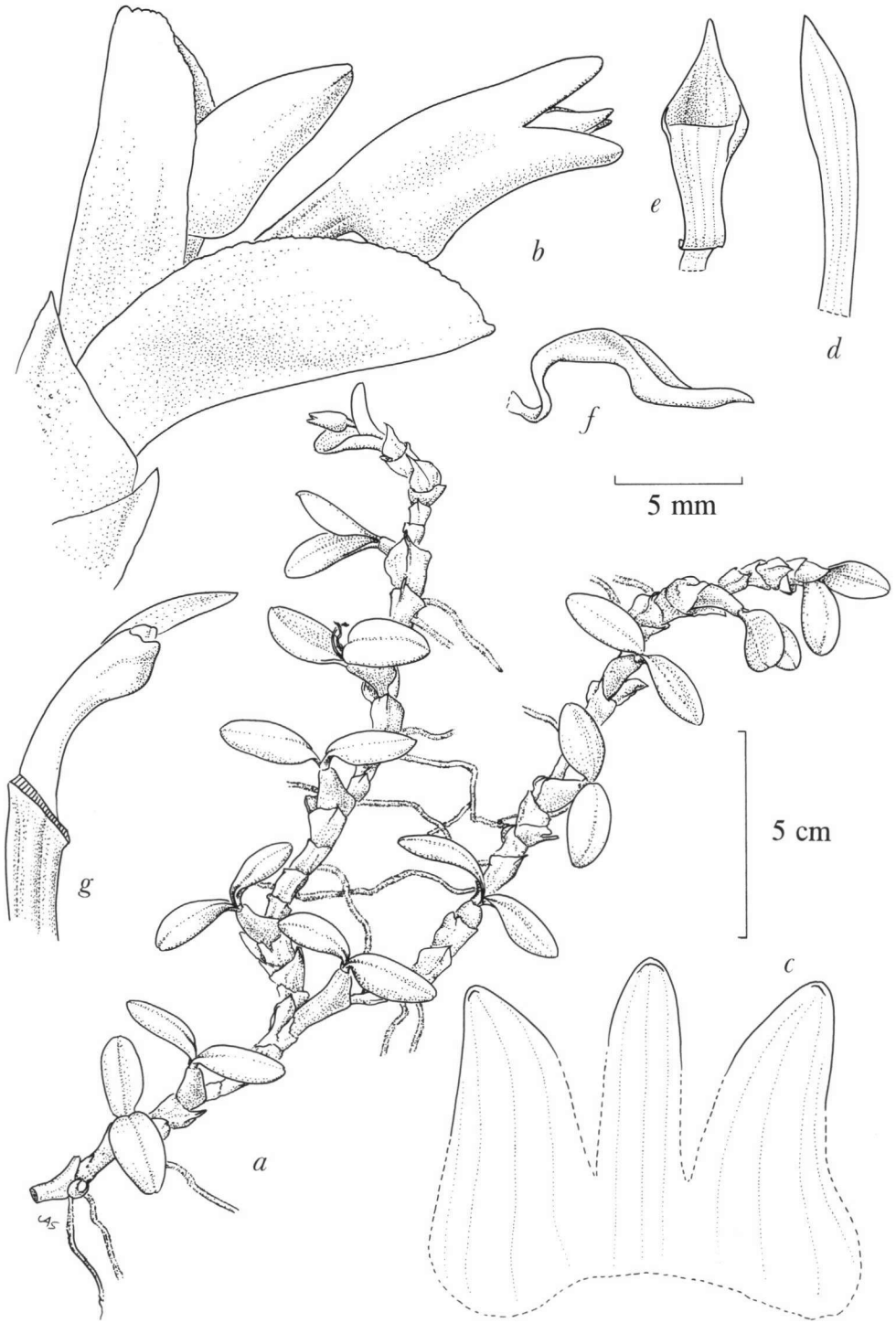


Fig. 20.

P. Royen

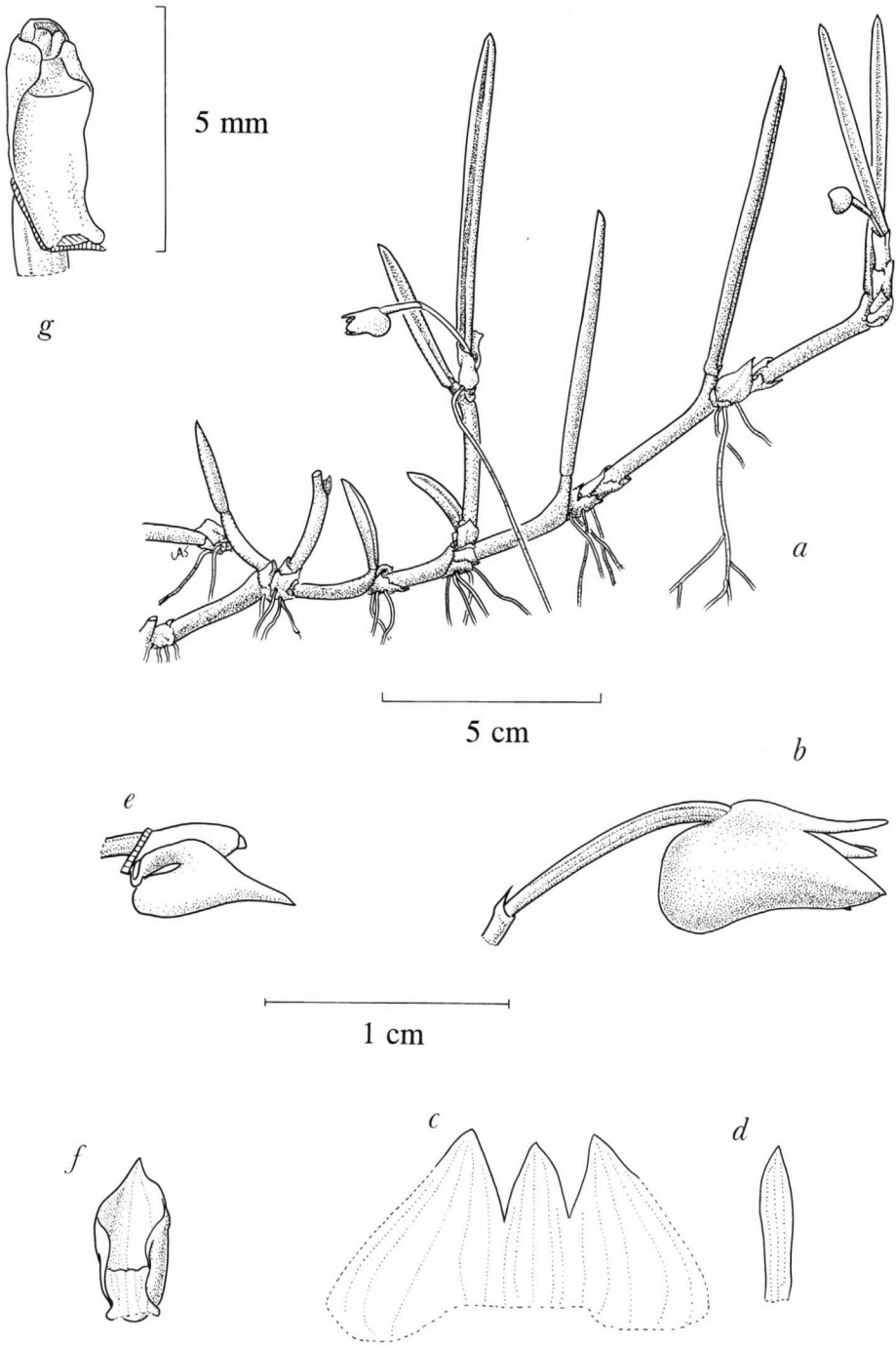


Fig. 21.

Schuit.

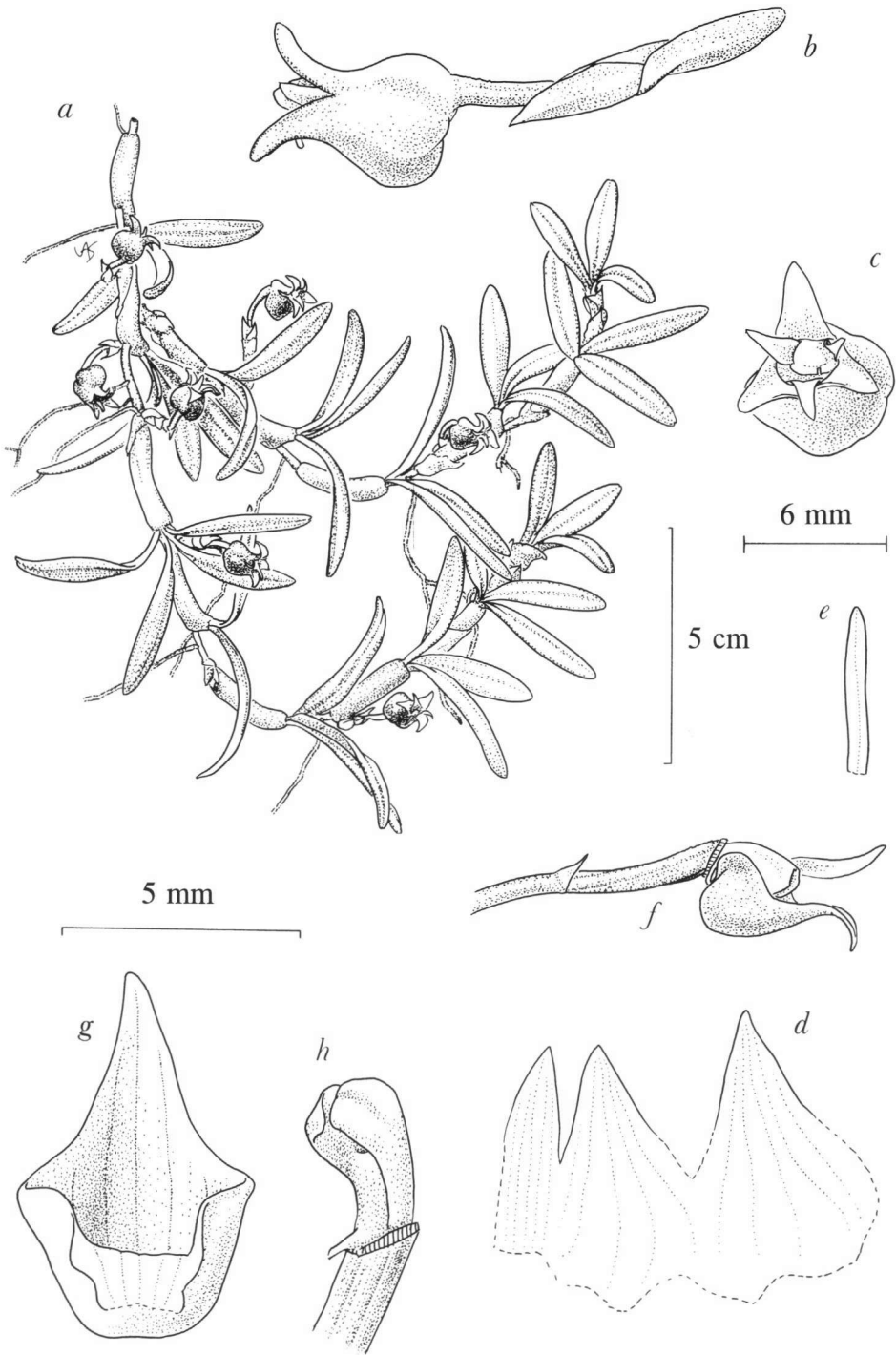


Fig. 22.

Schuit.

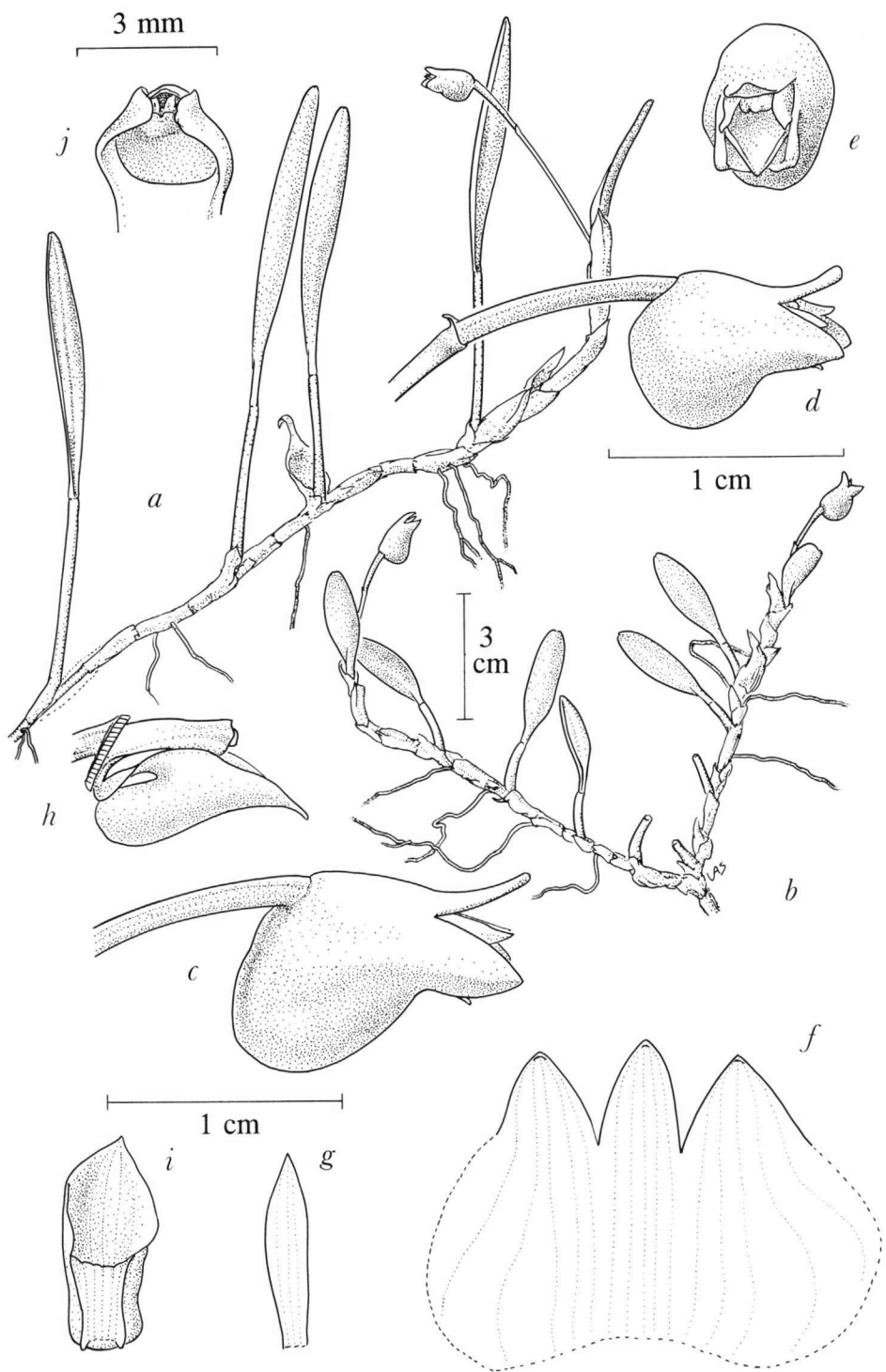


Fig. 23.

Schltr.

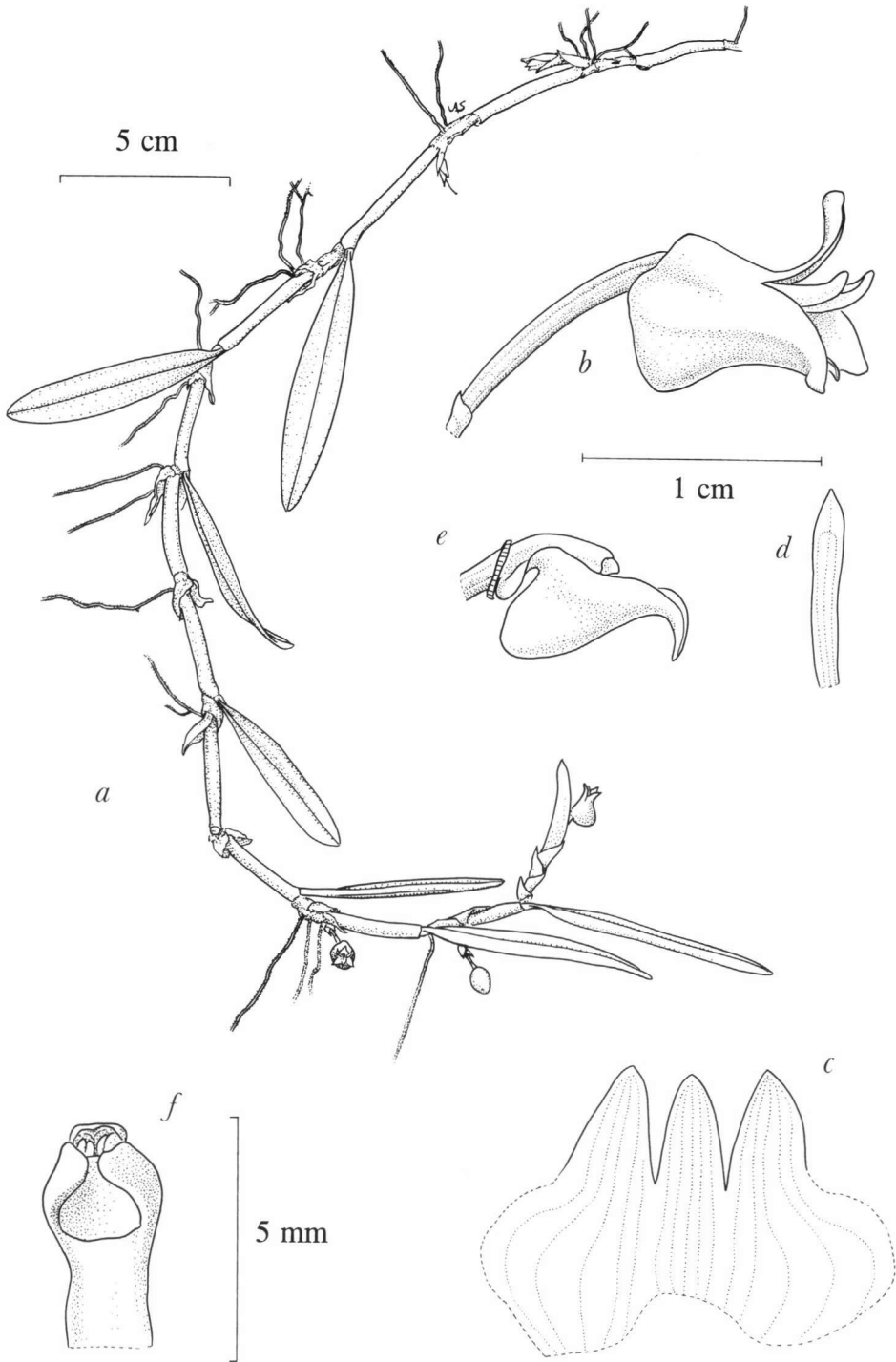


Fig. 24.

J.J. Smith subsp.

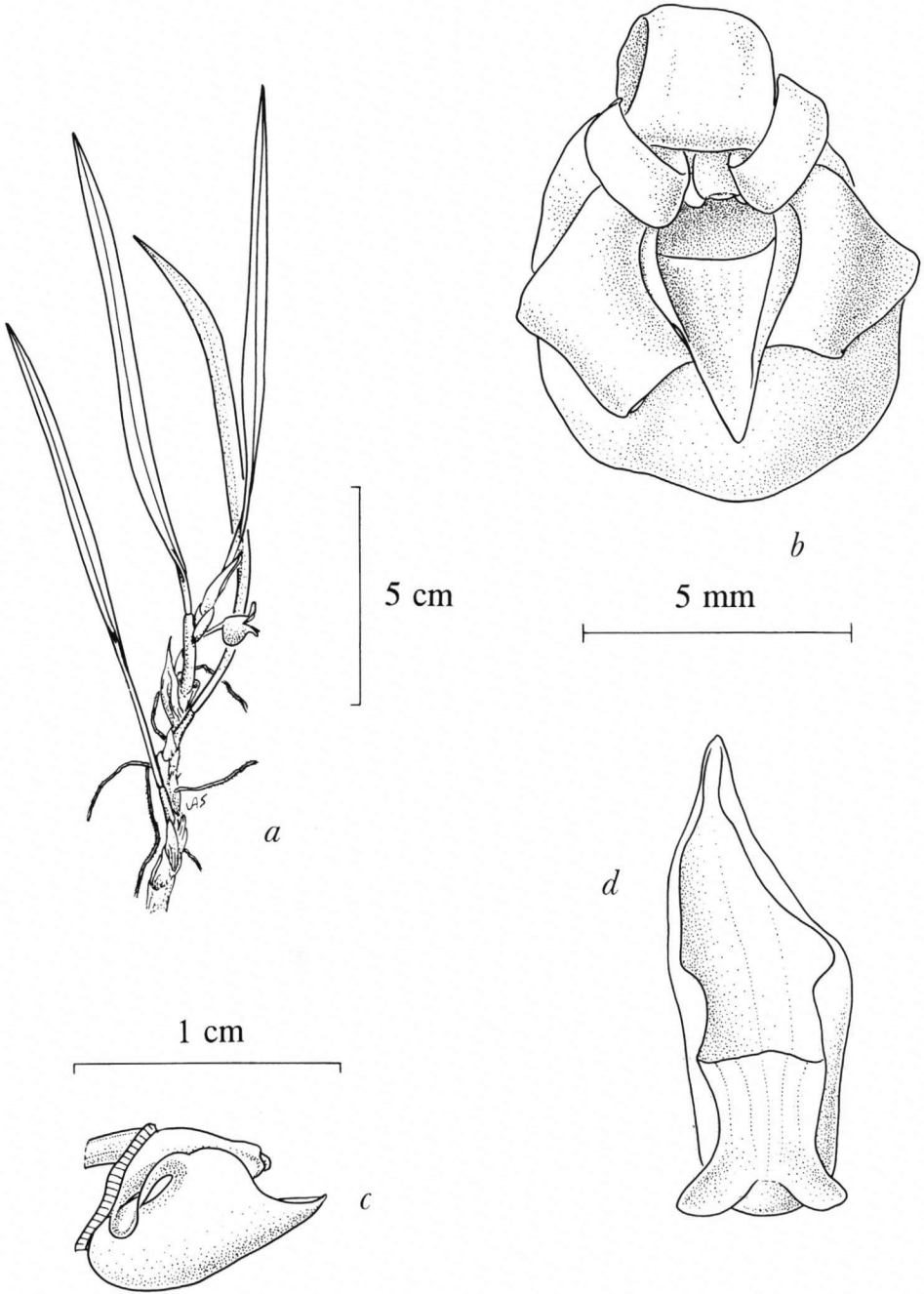


Fig. 25.

J.J. Smith subsp.

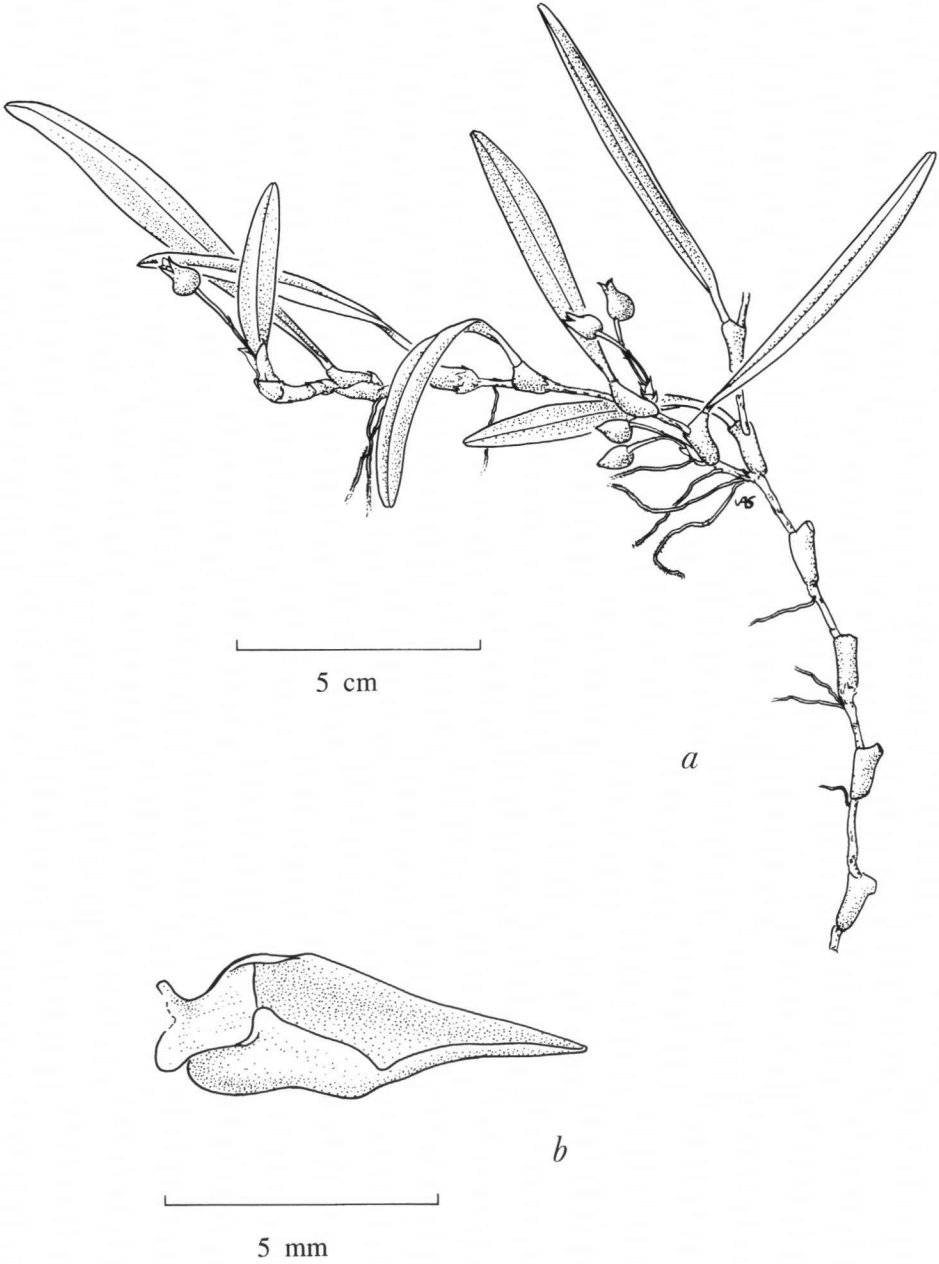


Fig. 26.

J.J. Smith subsp.

Schuit.

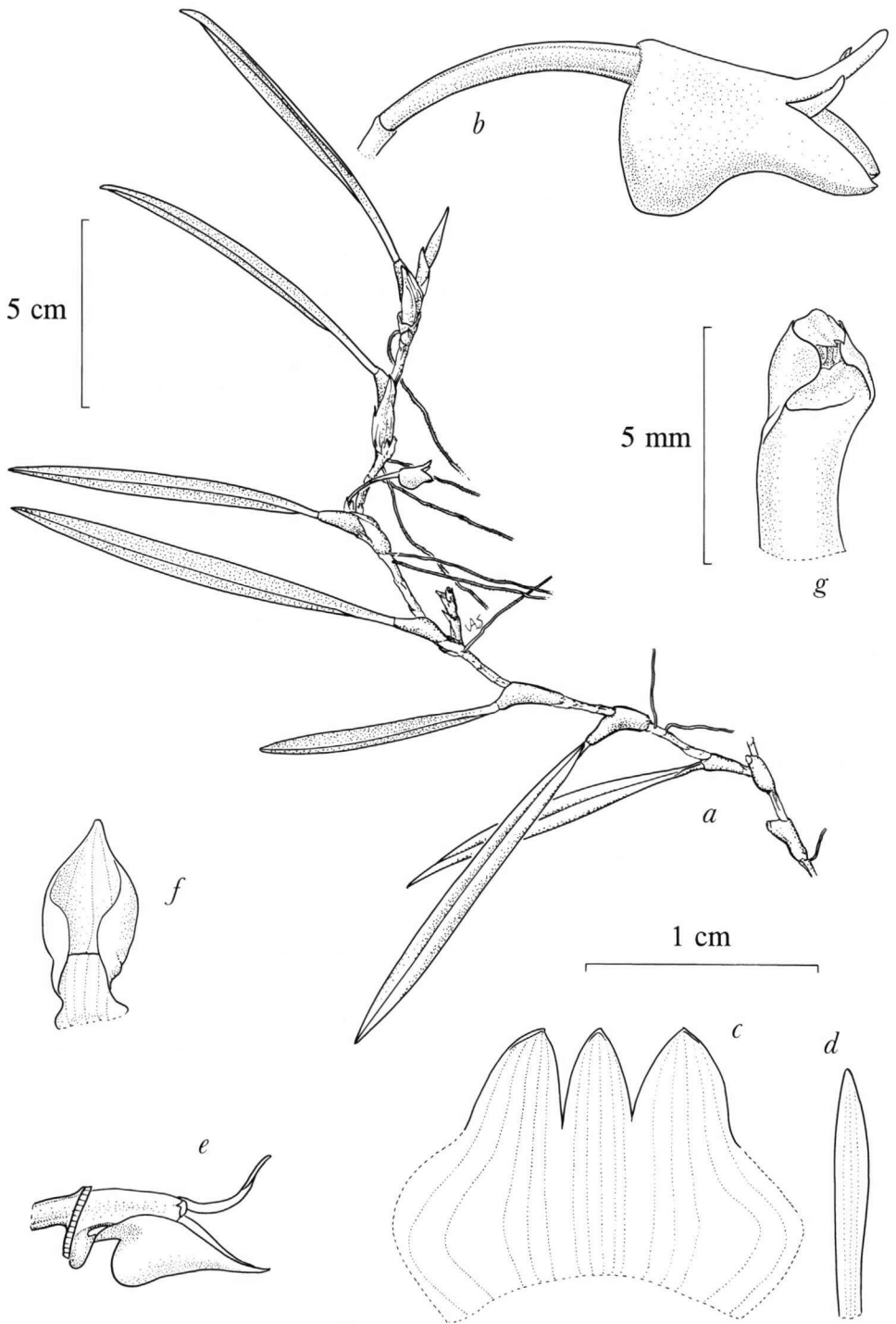


Fig. 27.

J.J. Smith subsp.

Schuit.

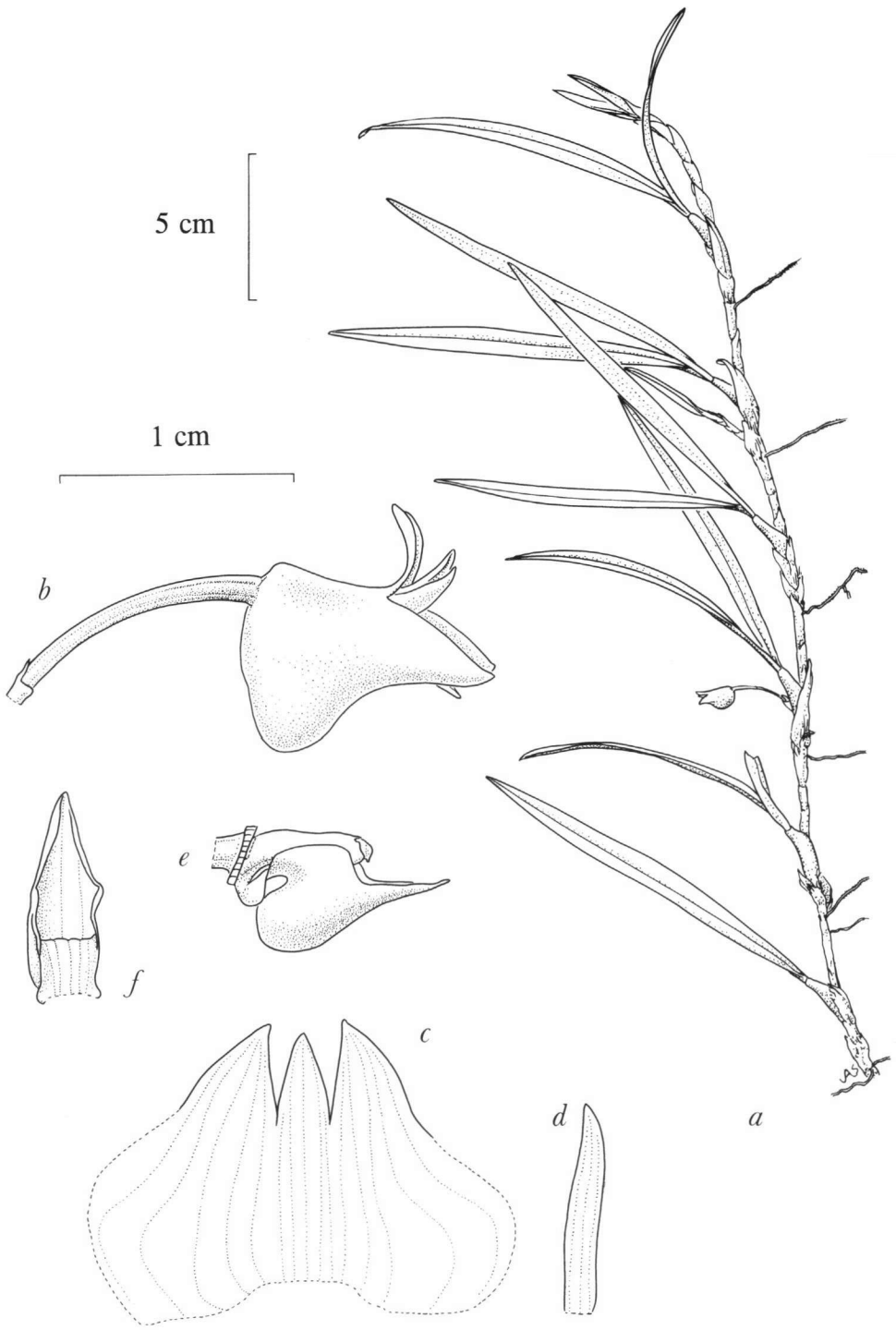


Fig. 28.

J.J. Smith subsp.

Schuit.

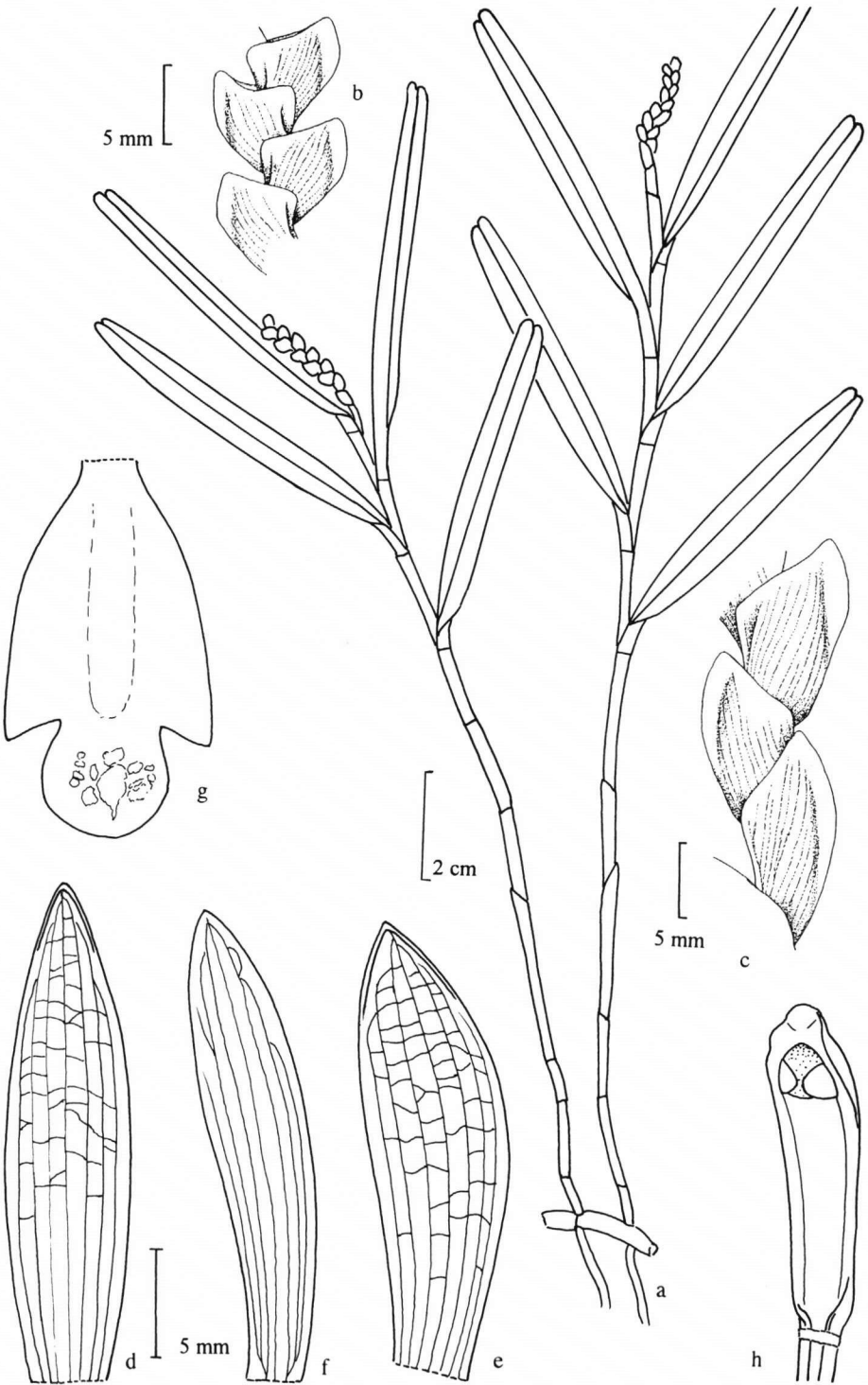


Fig. 29.

Ridley

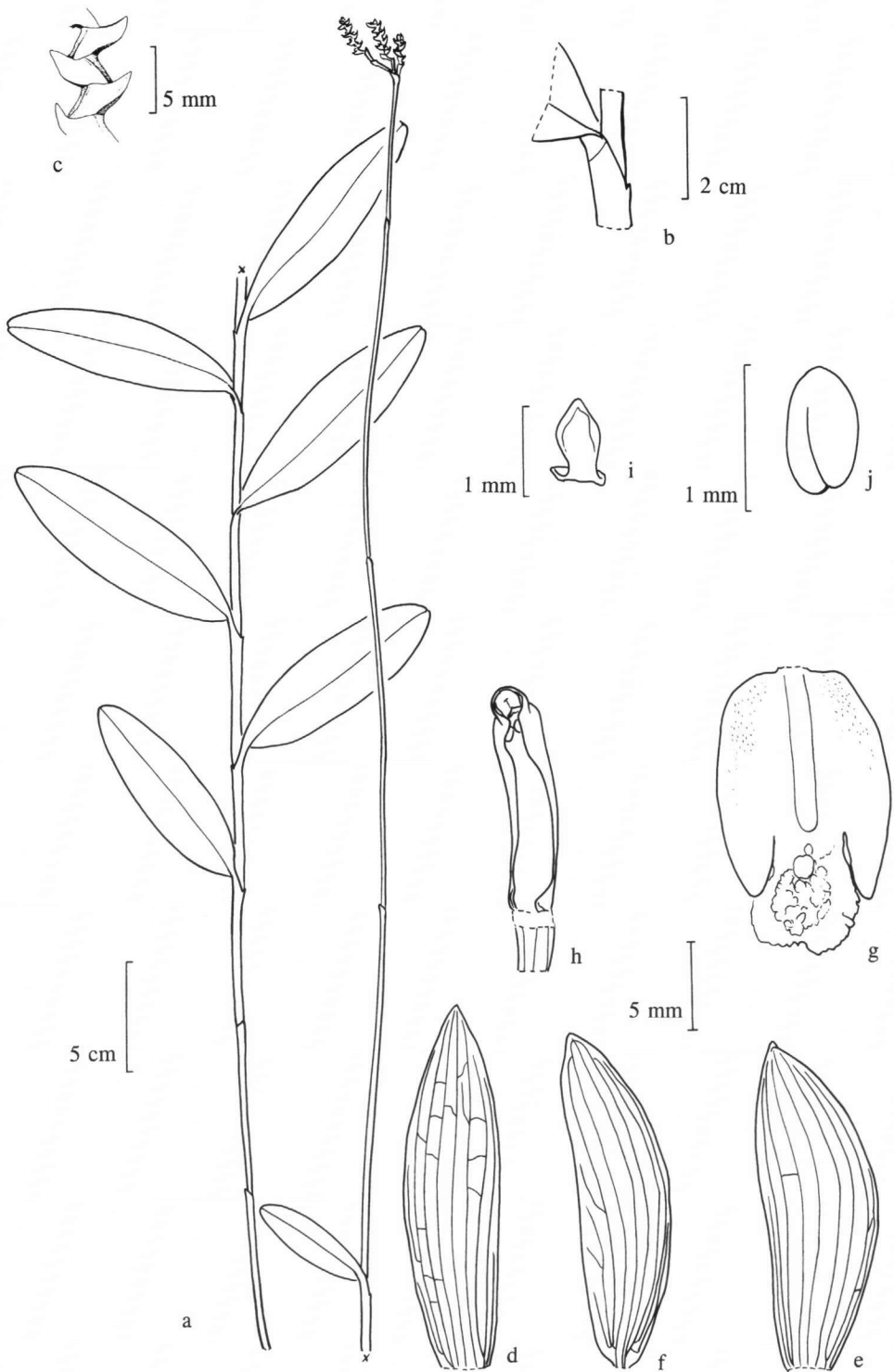


Fig. 30.

J.J. Smith var.

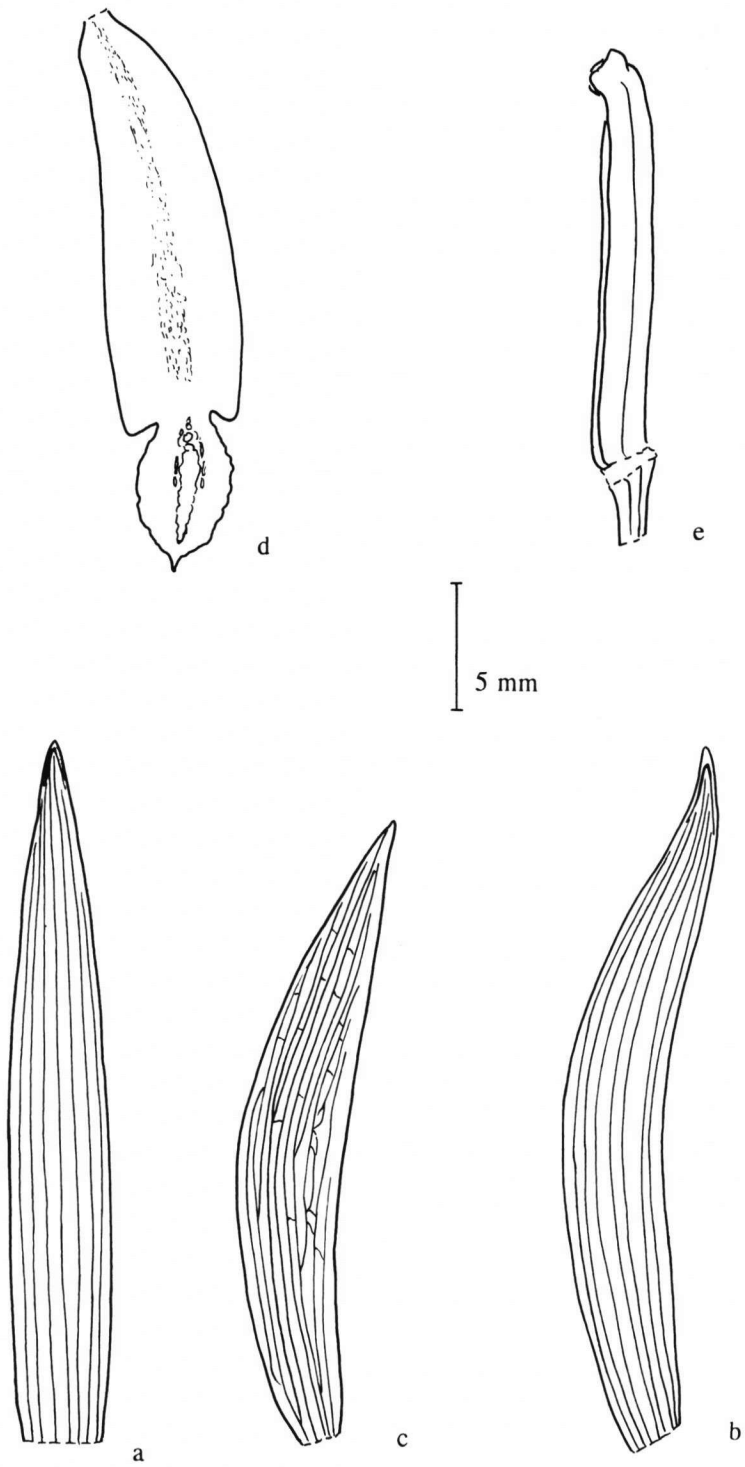


Fig. 31.

J.J. Smith var.

Scheindelen & de Vogel

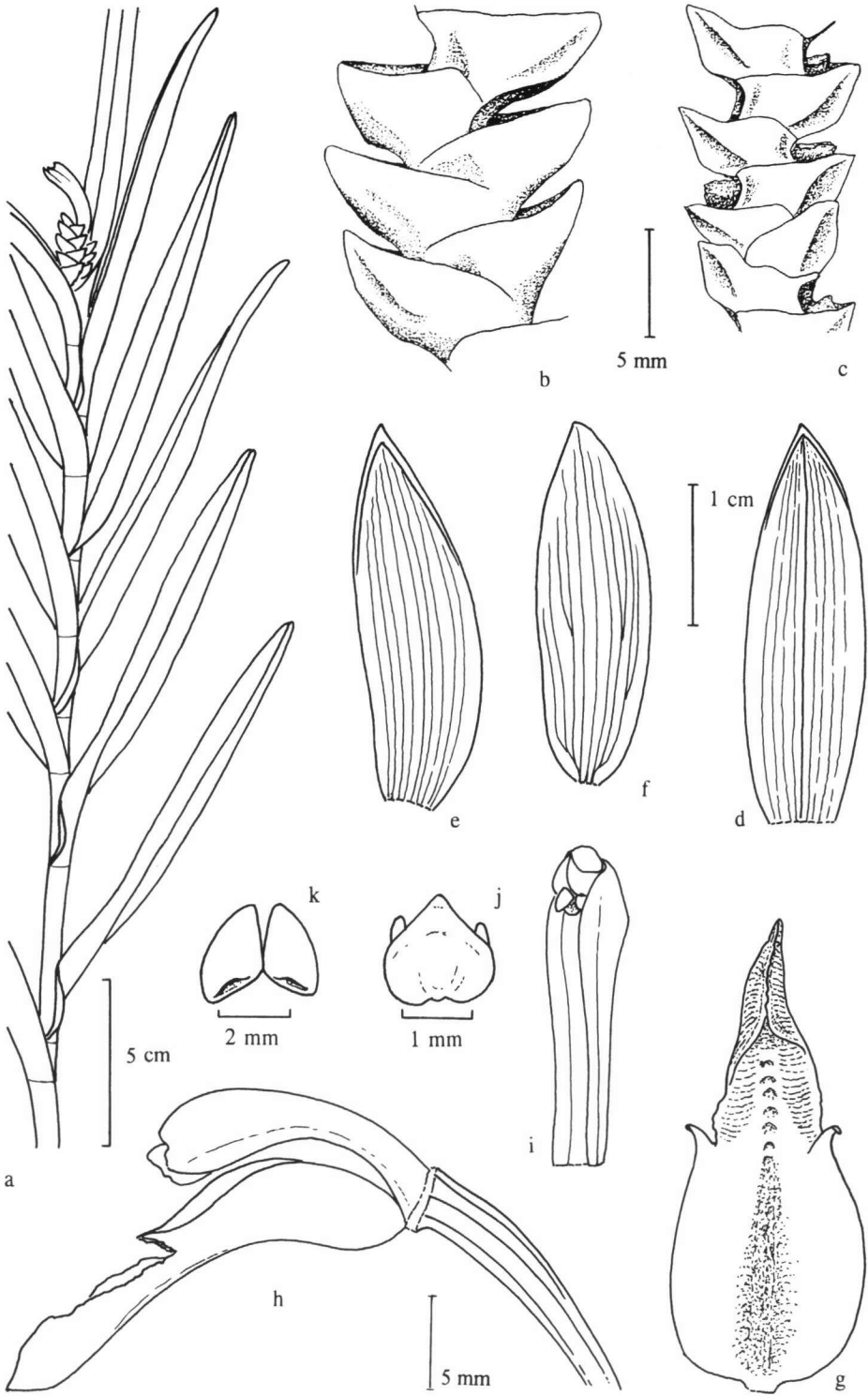


Fig. 32.

J.J. Smith

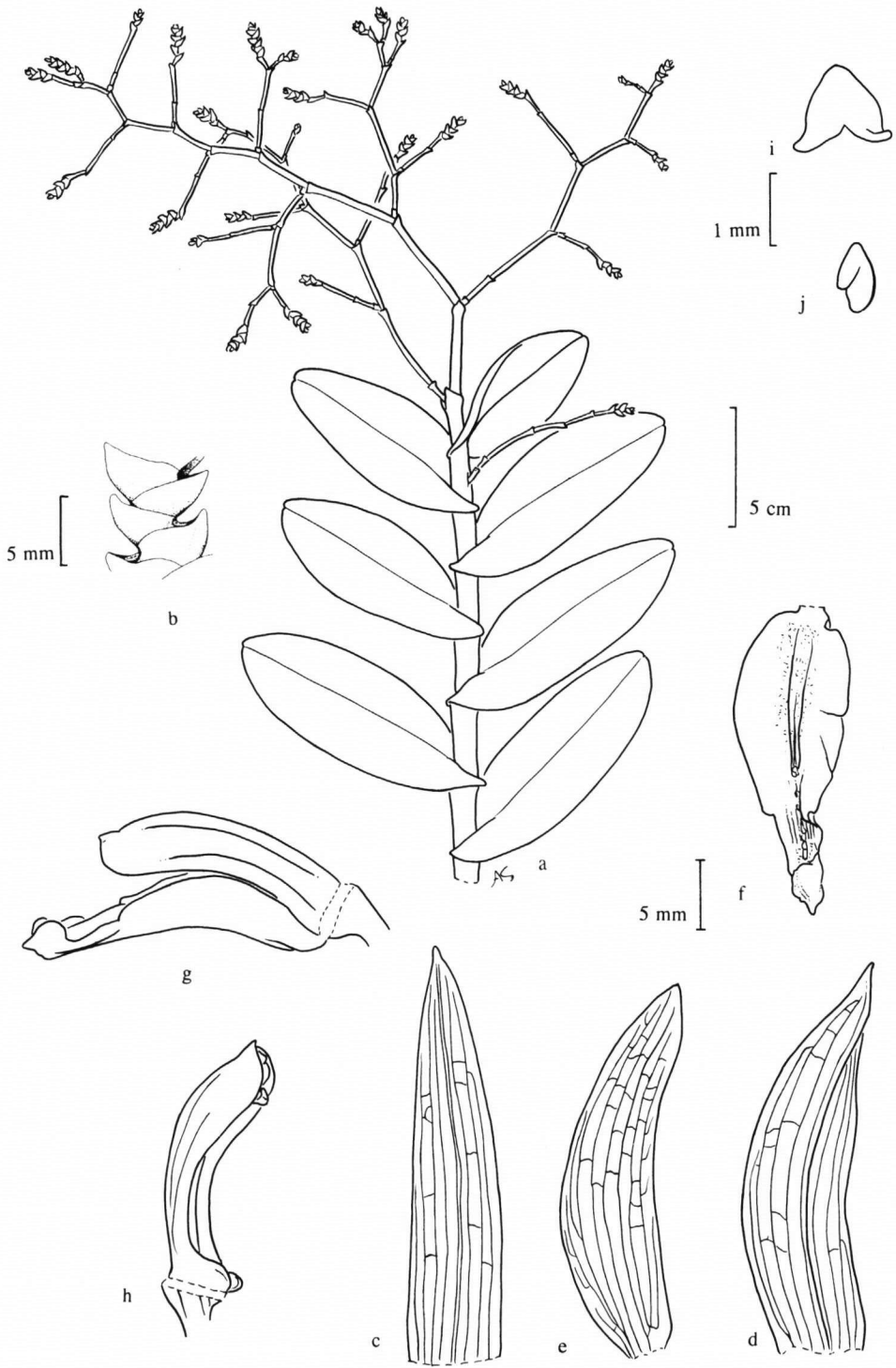


Fig. 33.

Ames & Schweinf.

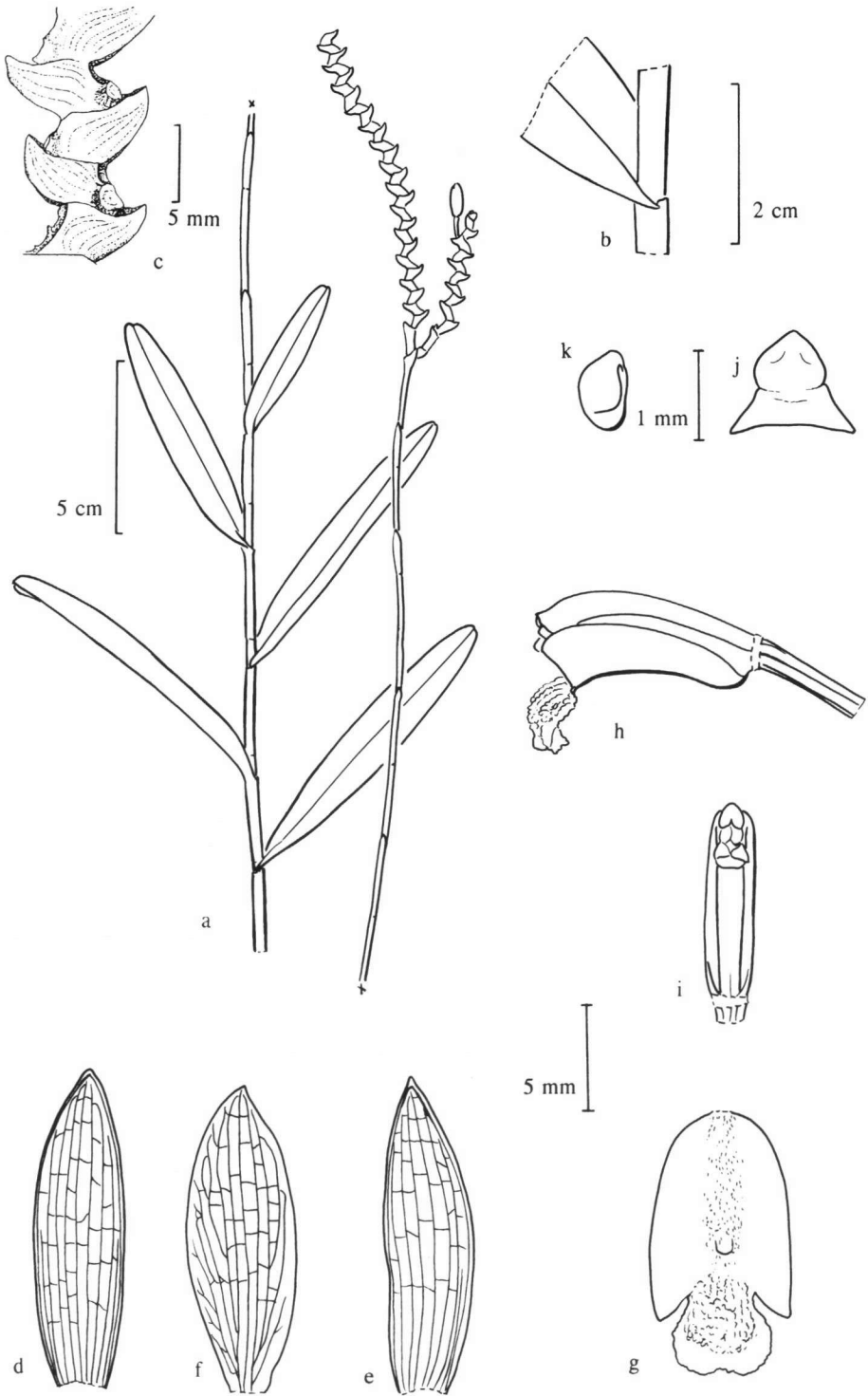


Fig. 34.

(Lindley) Miq.

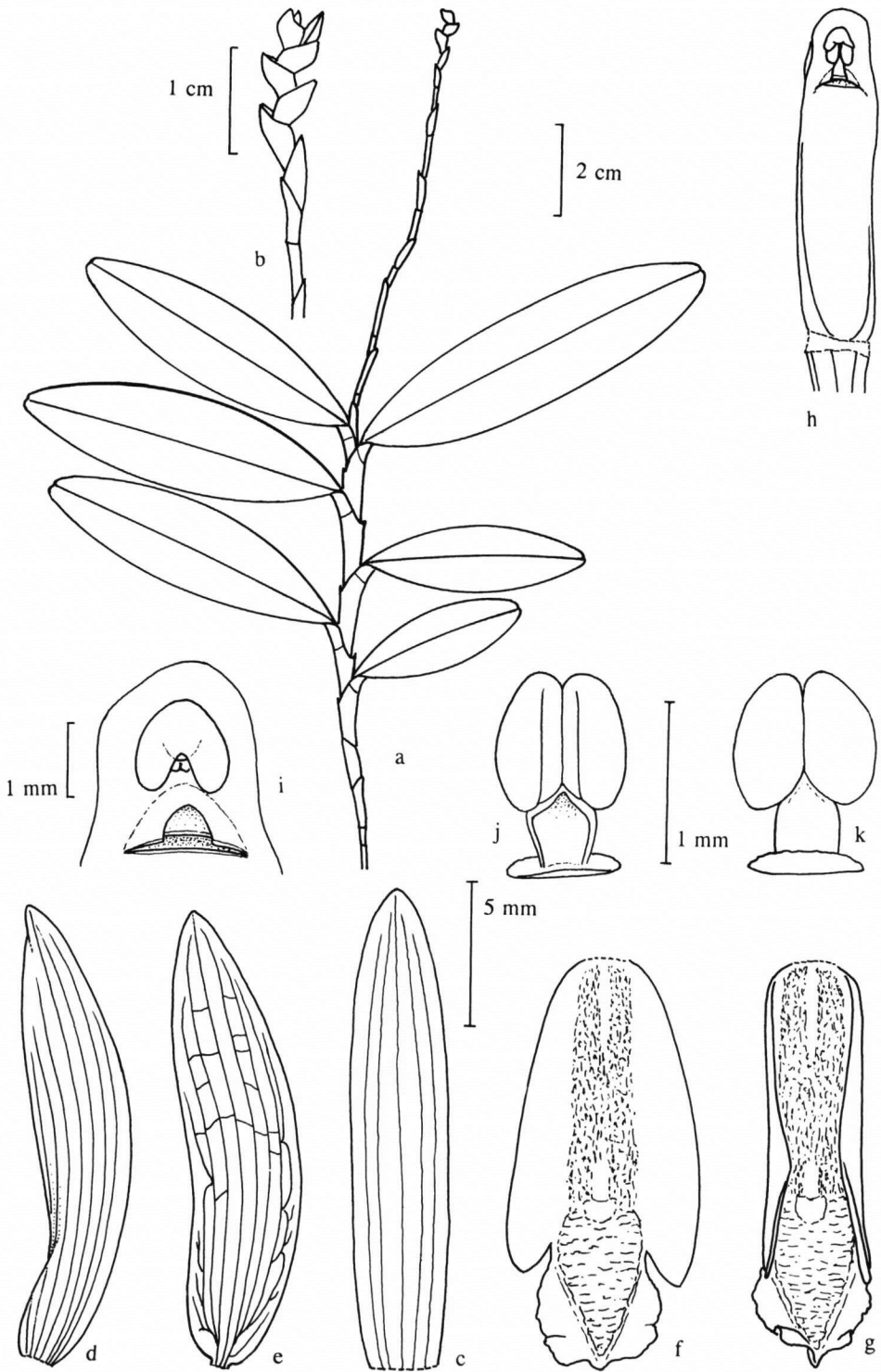


Fig. 35.

de Vogel

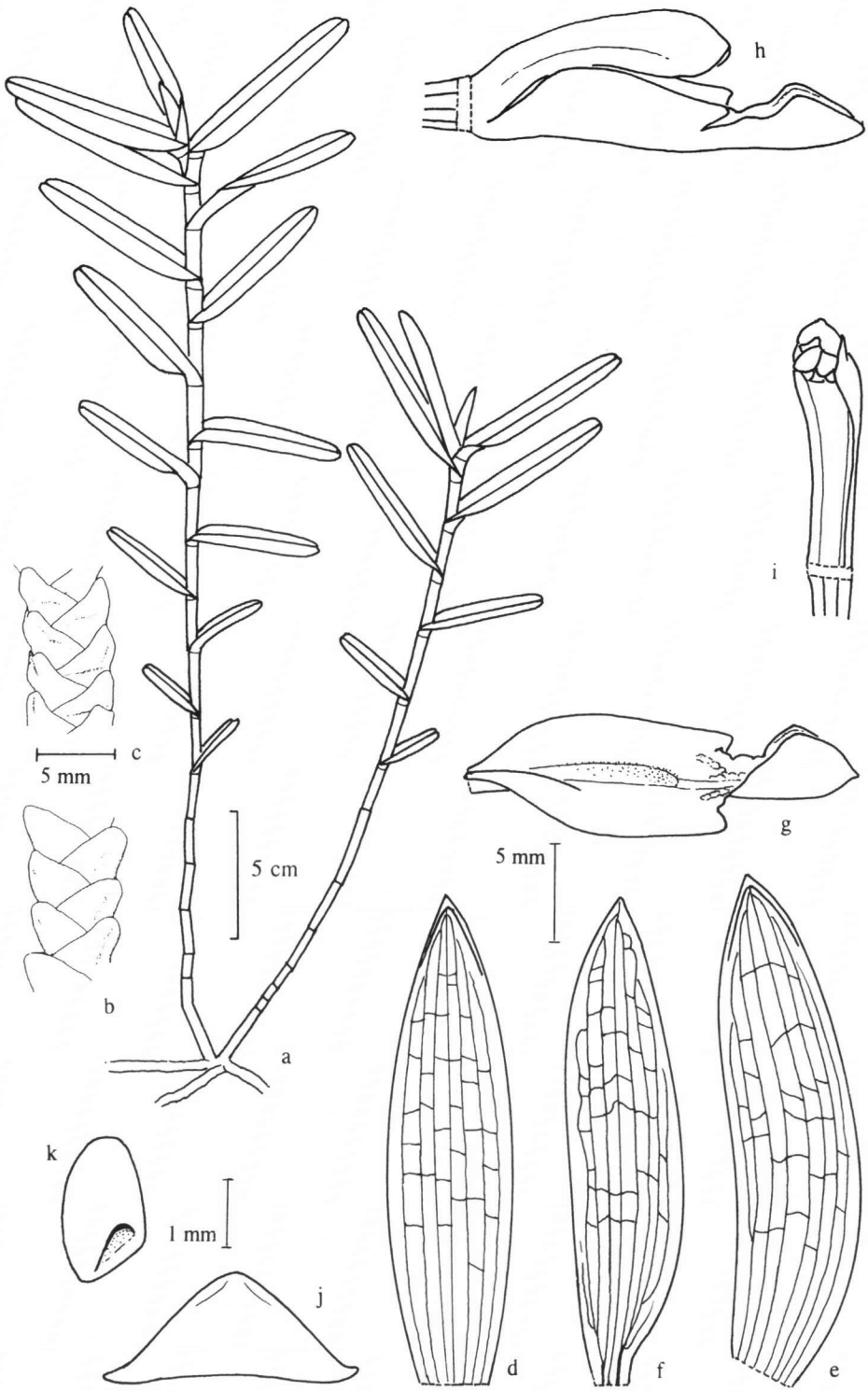


Fig. 36.

Ridley

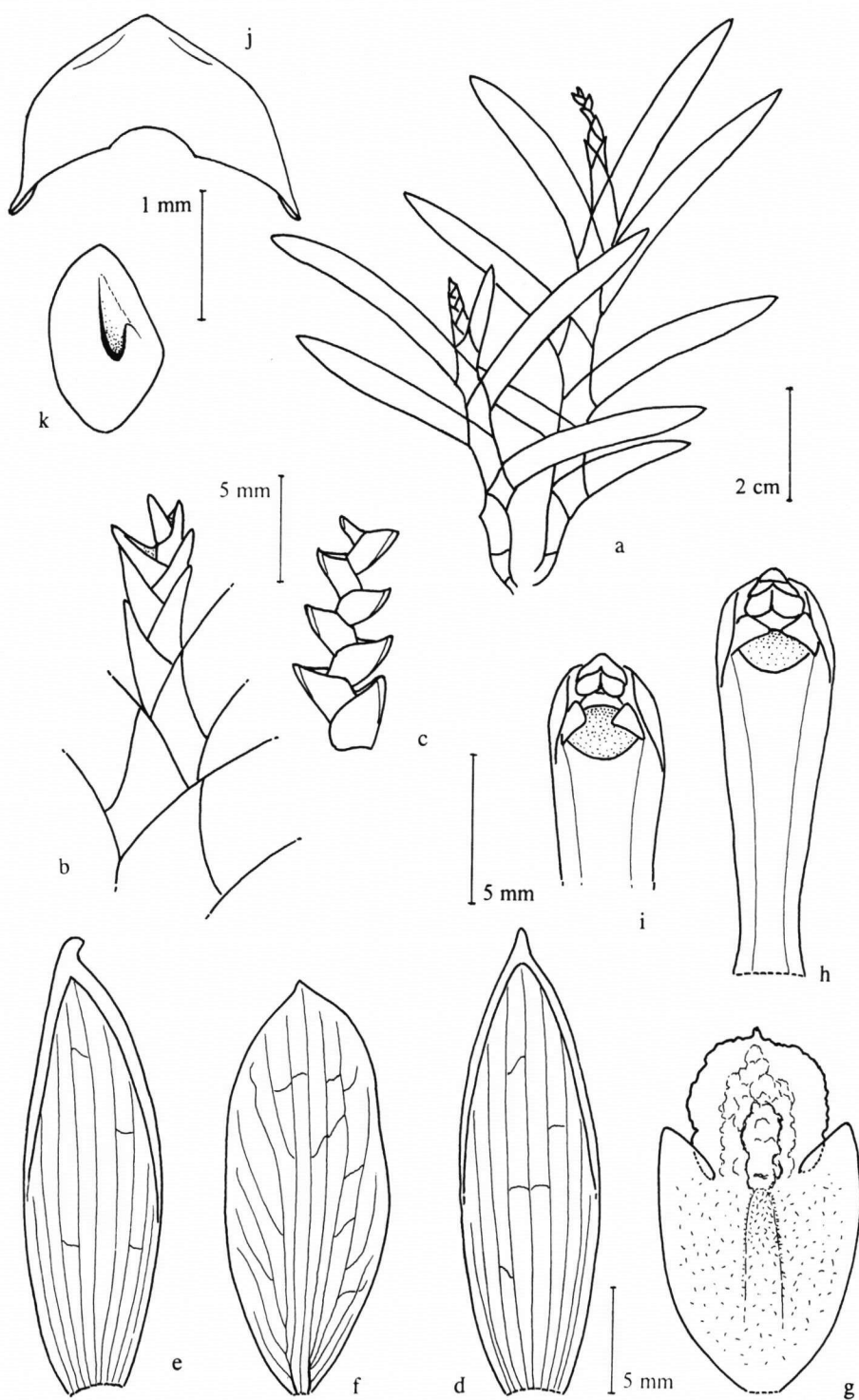


Fig. 37.

Rchb. f.

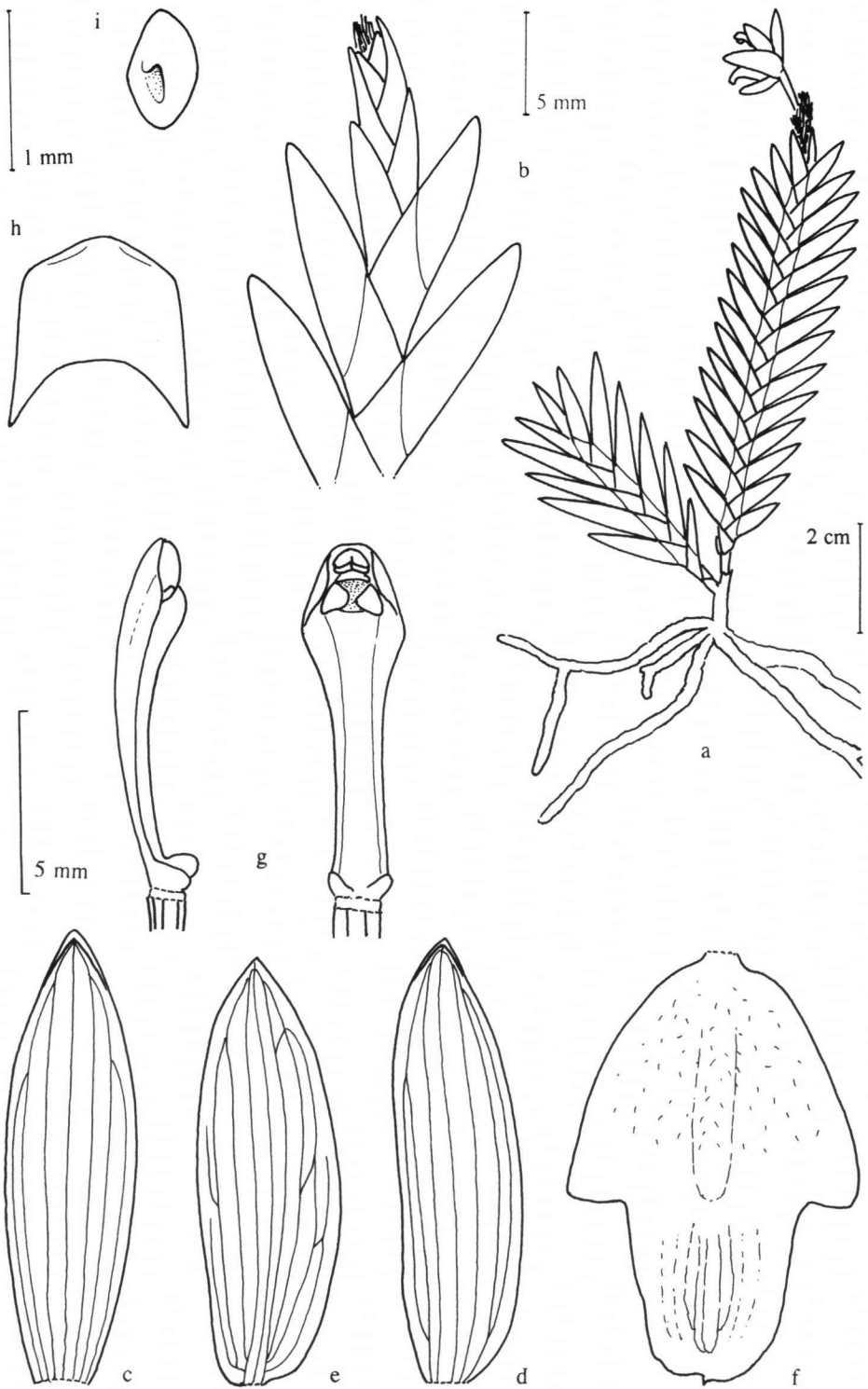


Fig. 38. *Pteris ...* Ridley

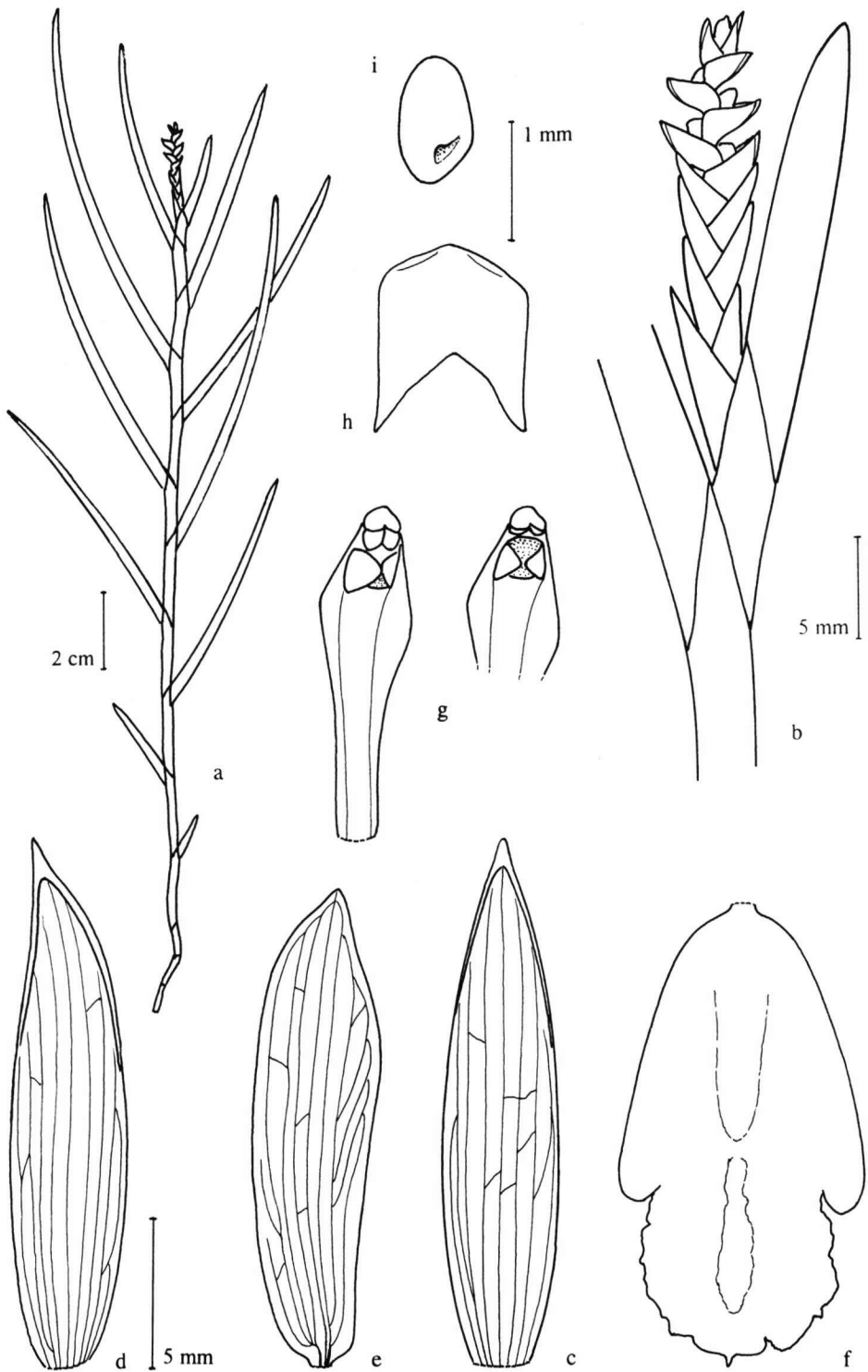


Fig. 39.

Kruizinga

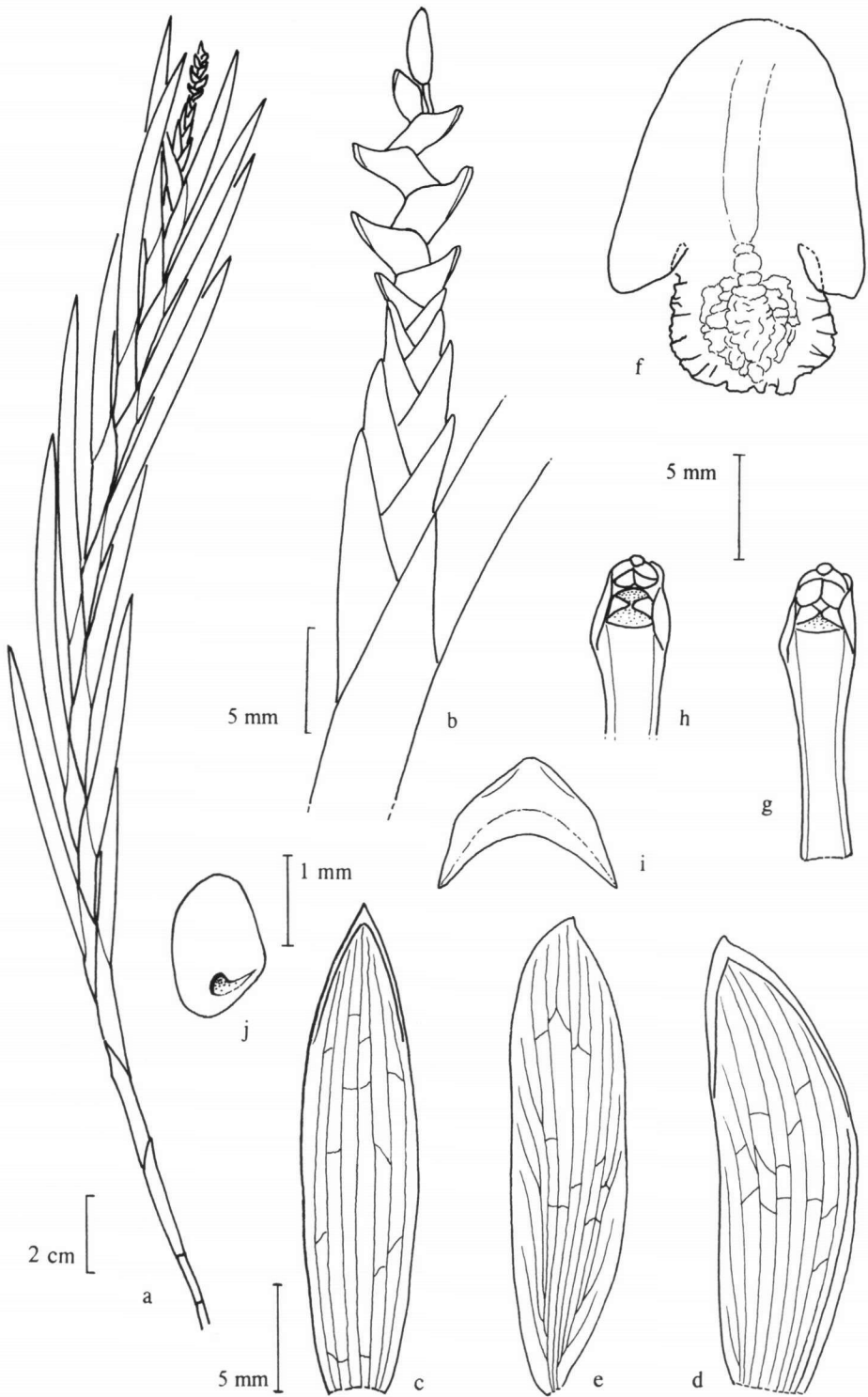


Fig. 40.

J.J. Smith ex Kruizinga & de Vogel

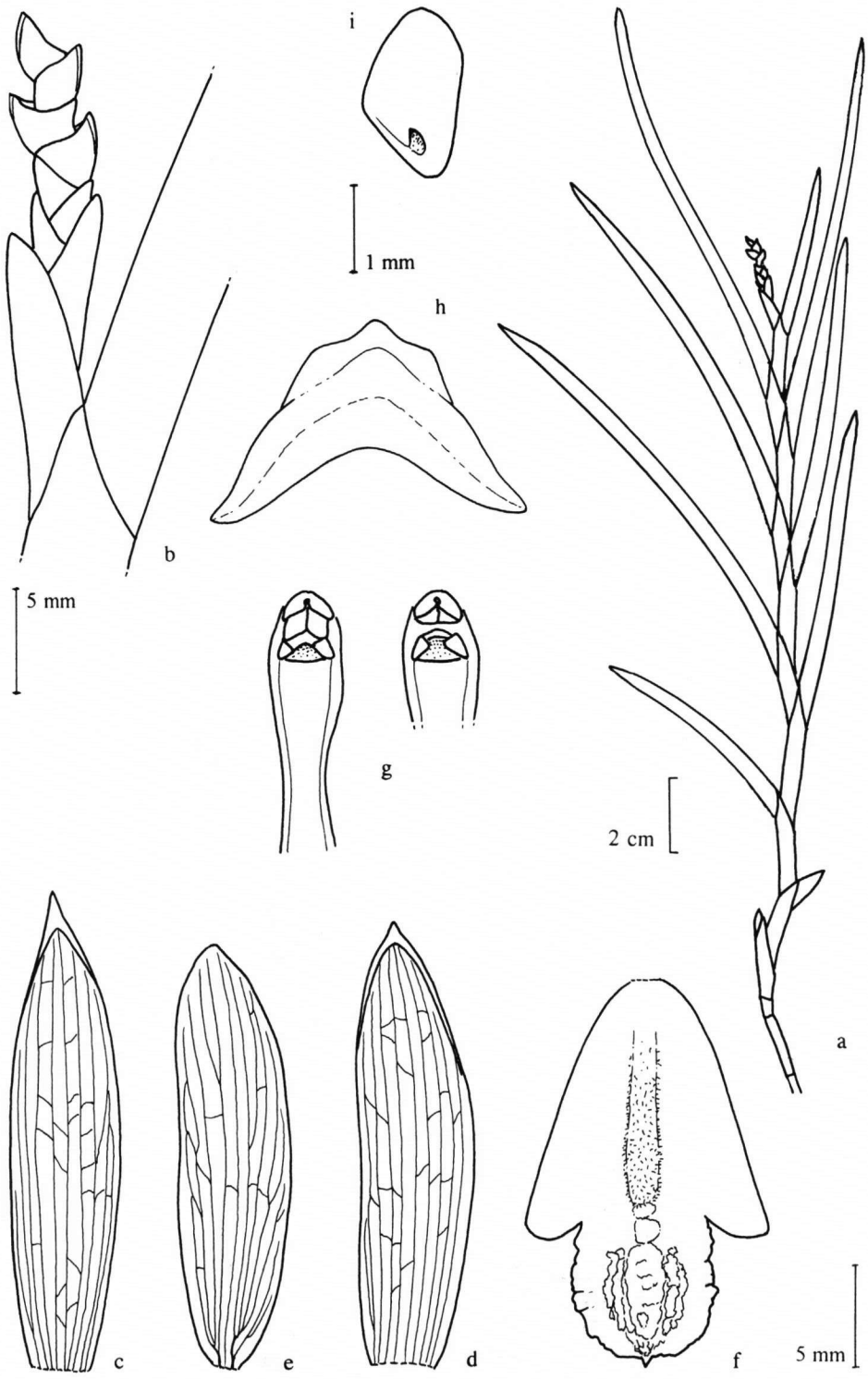


Fig. 41.

Kruizinga

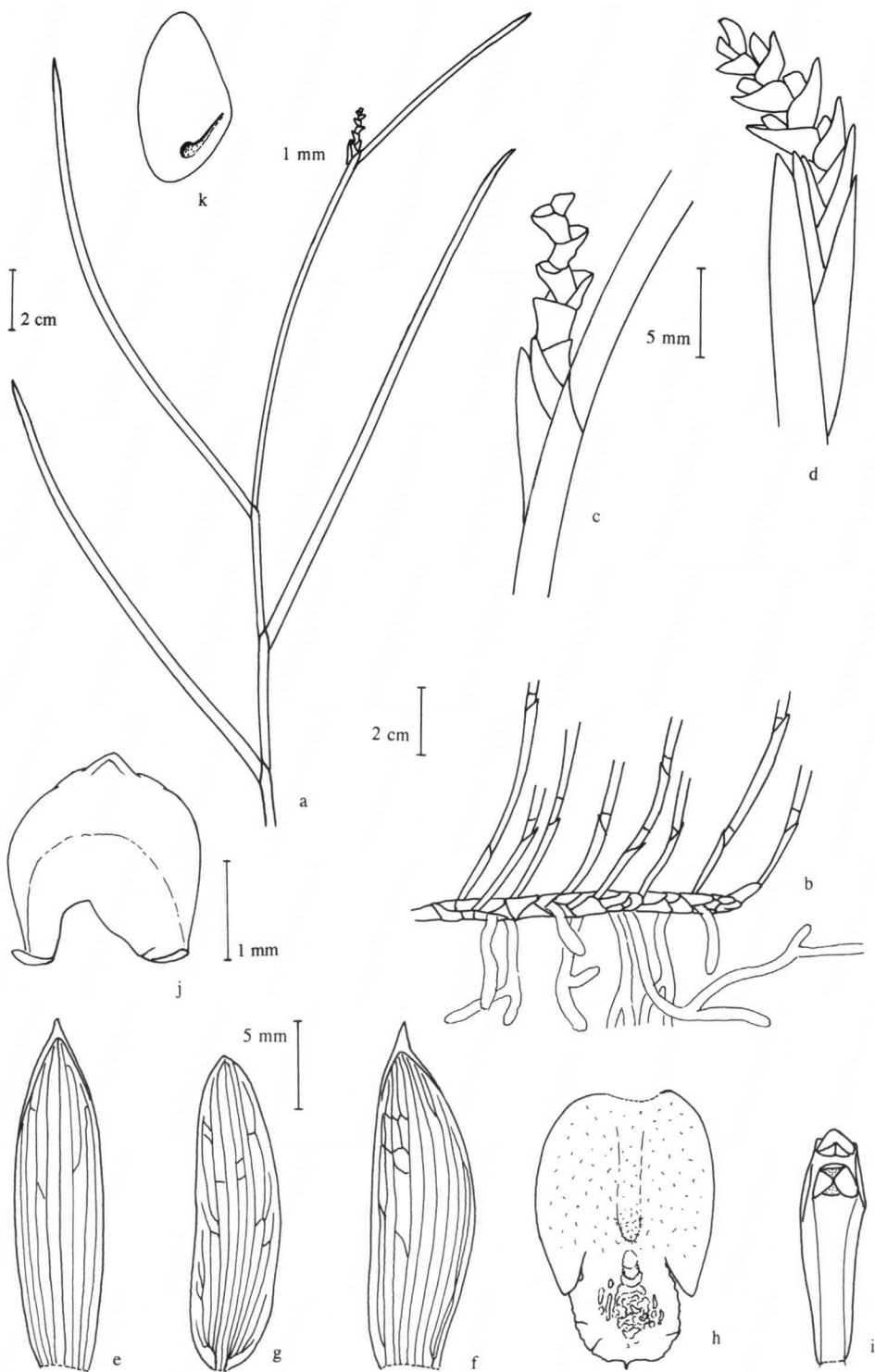


Fig. 42.

J.J. Smith

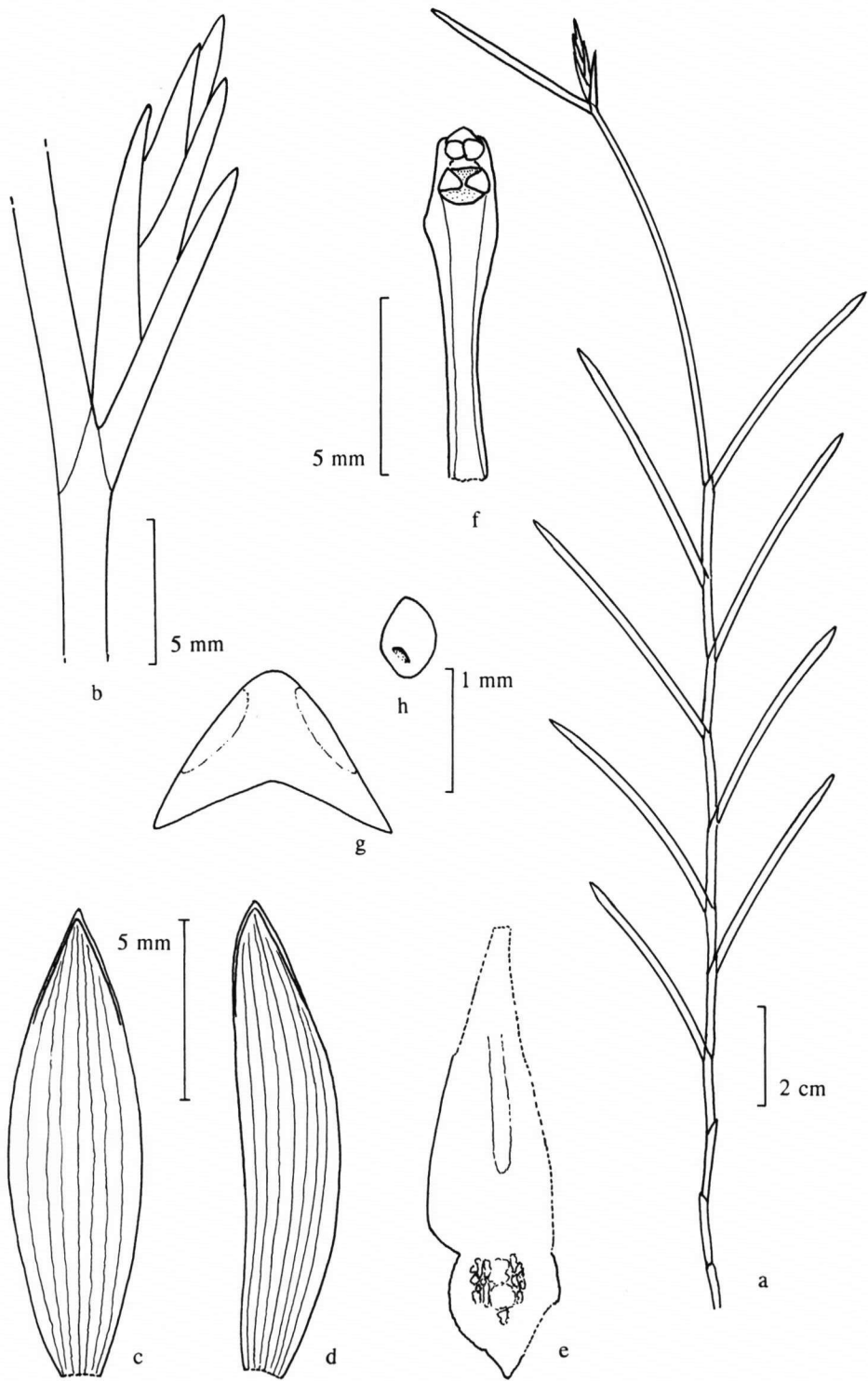


Fig. 43.

Kruizinga & de Vogel

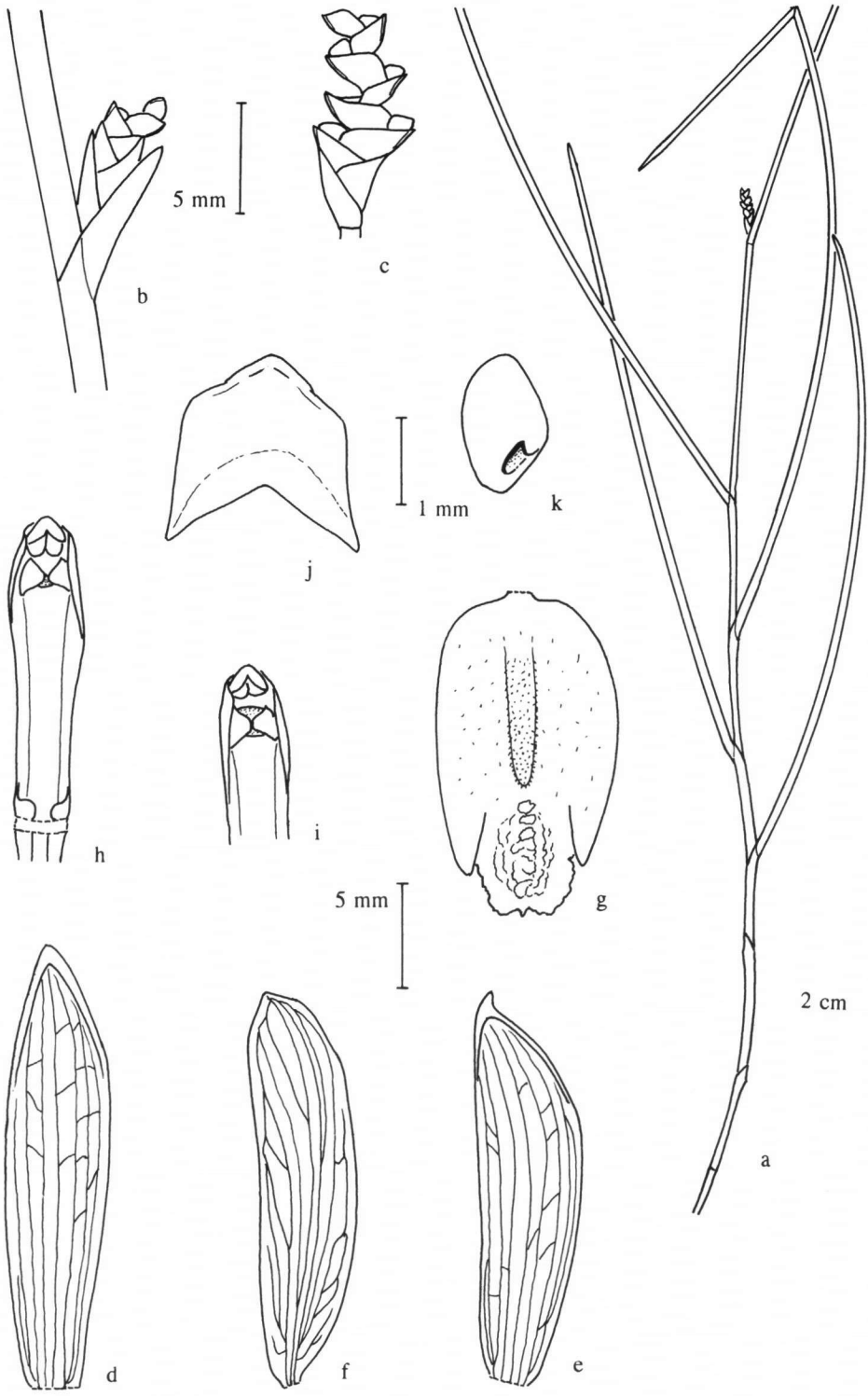


Fig. 44.

Kruizinga & de Vogel

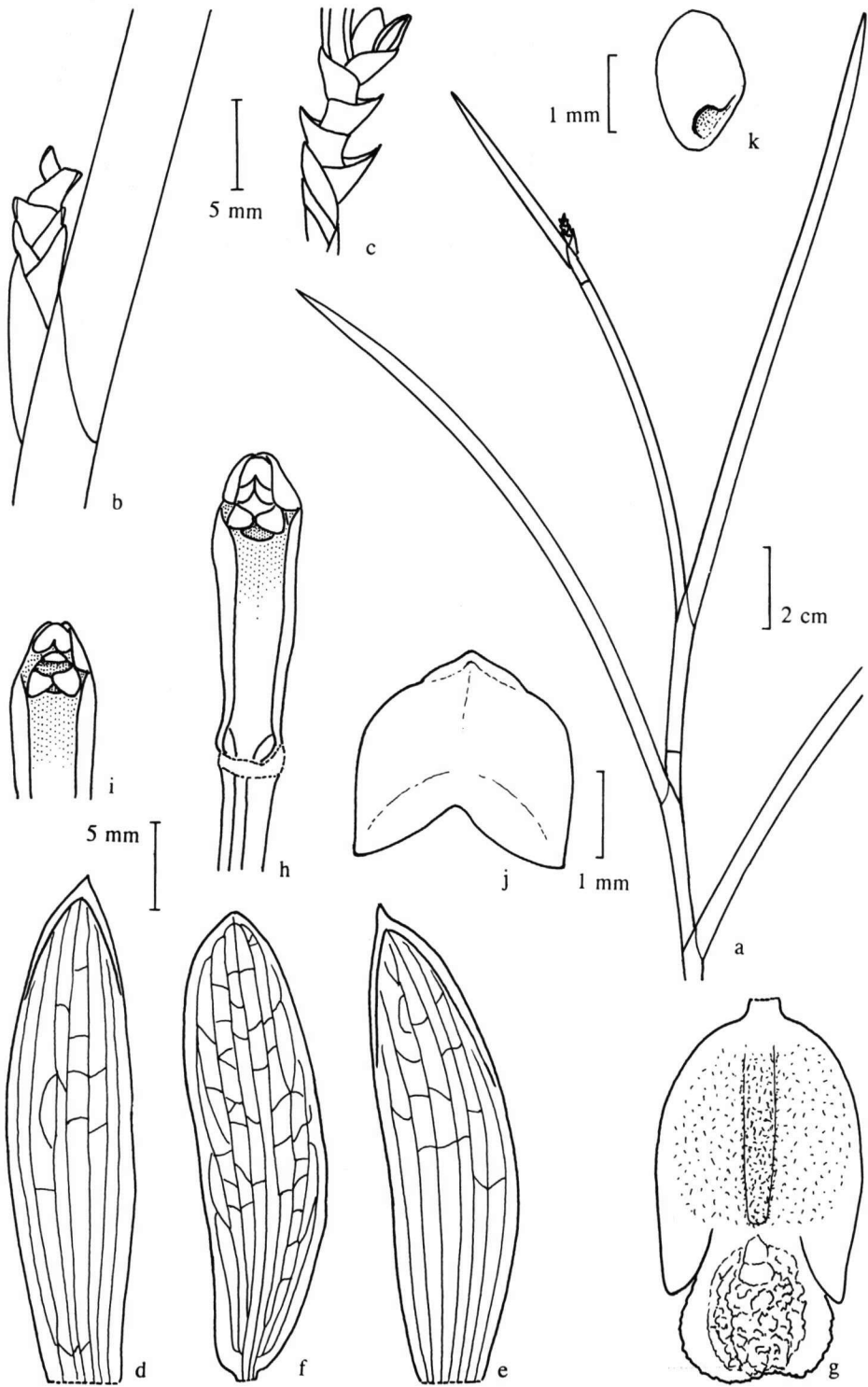


Fig. 45.

Kruizinga & de Vogel

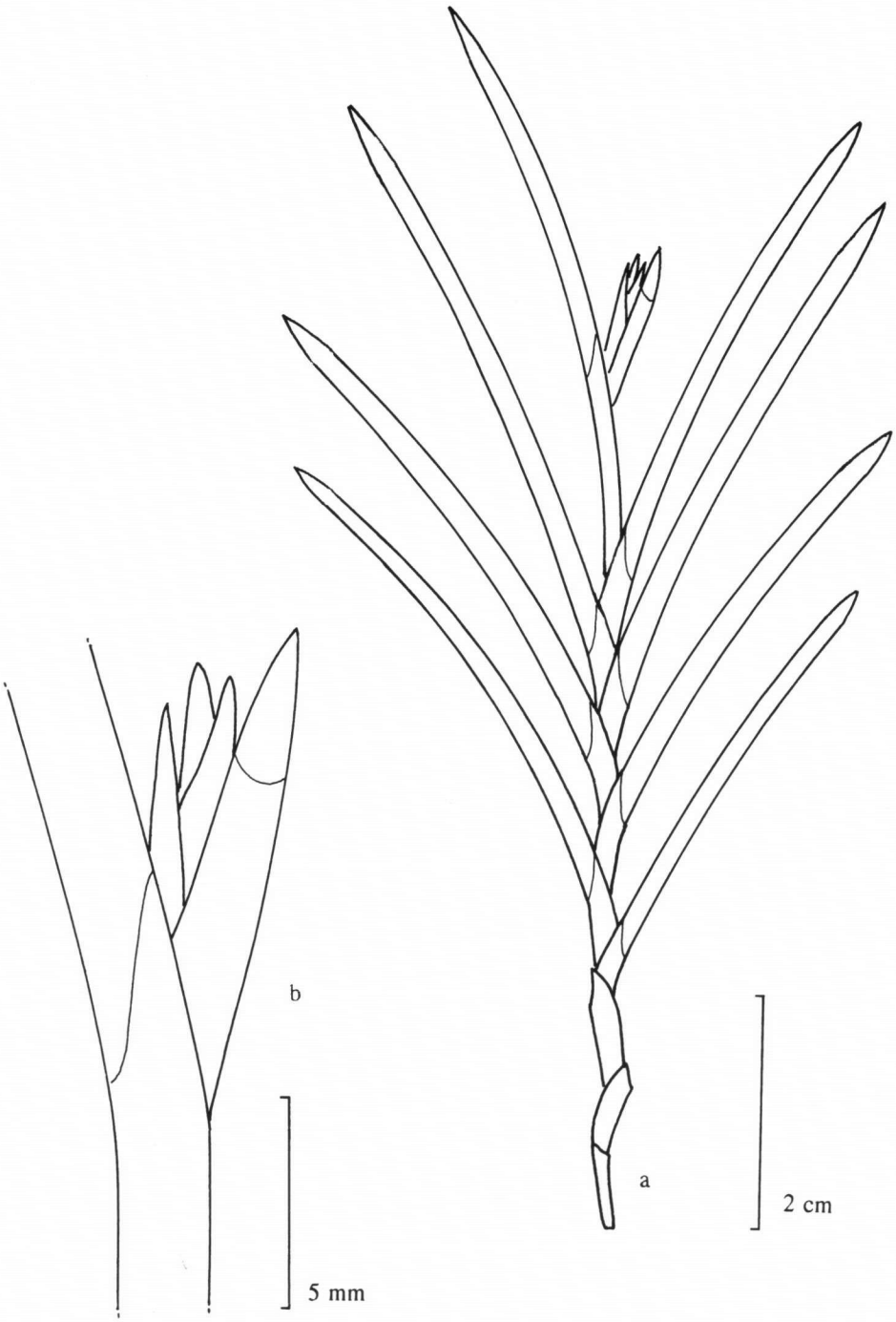


Fig. 46.

Kruizinga

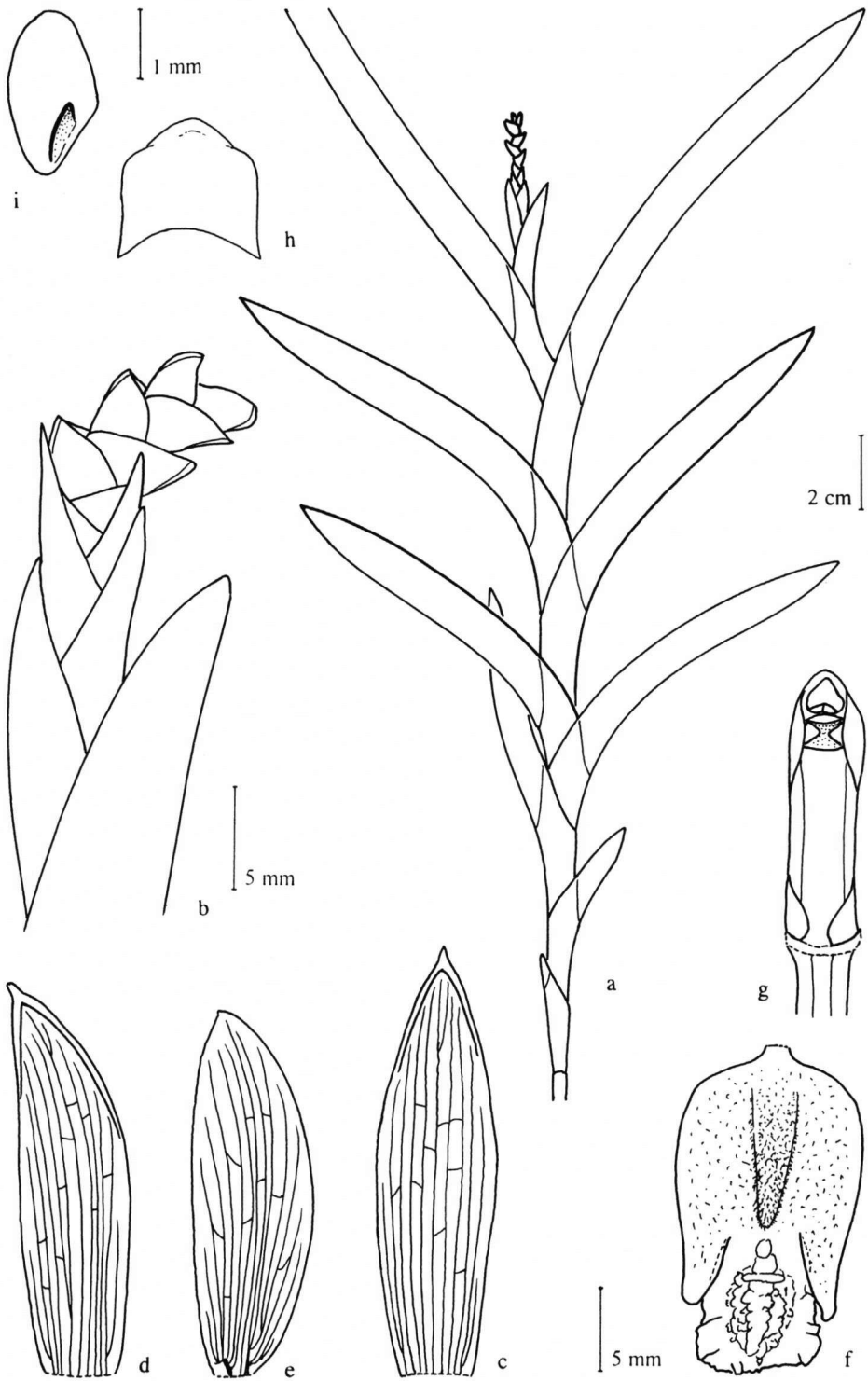


Fig. 47.

Kruizinga & de Vogel

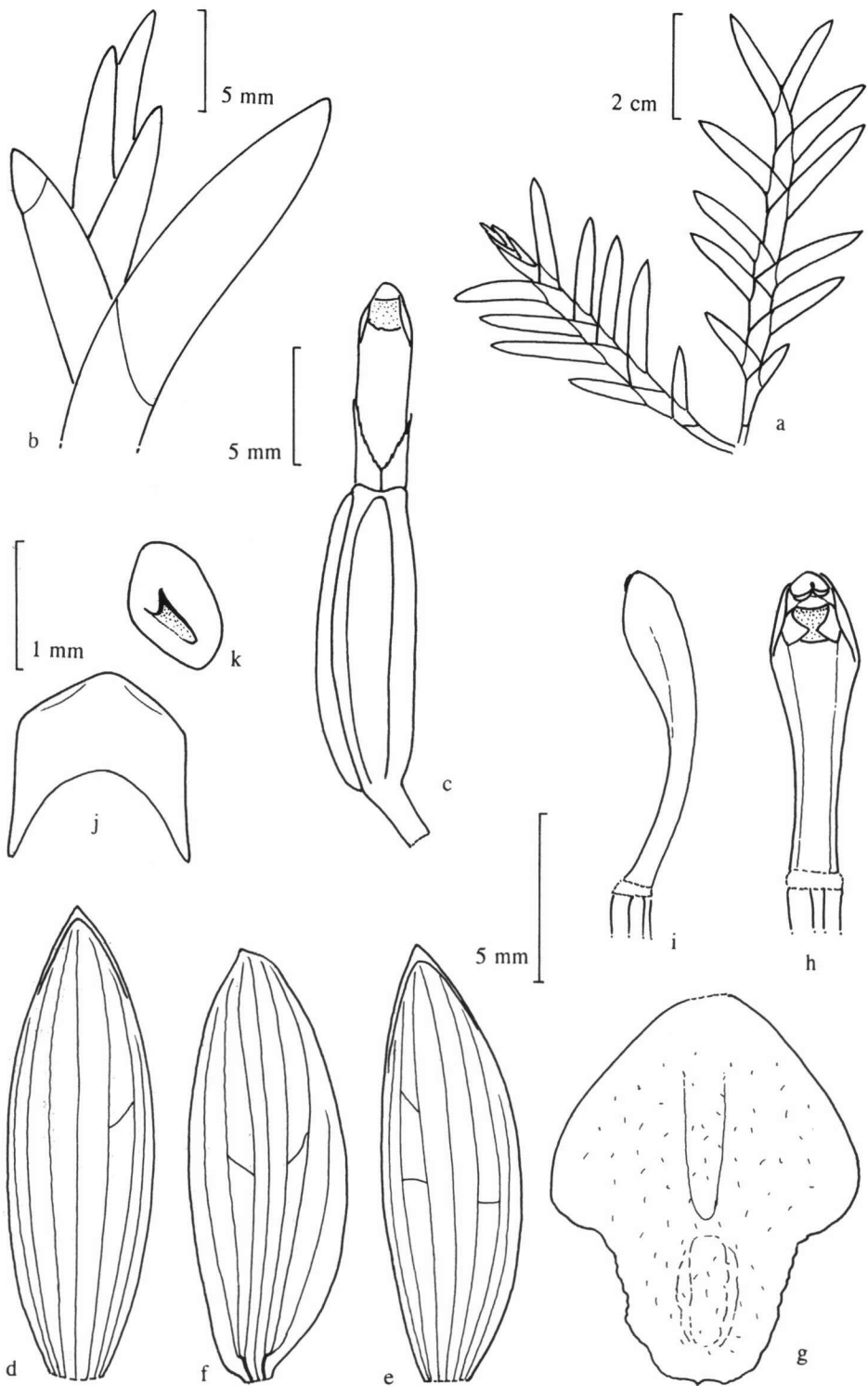


Fig. 48.

Kruizinga & de Vogel

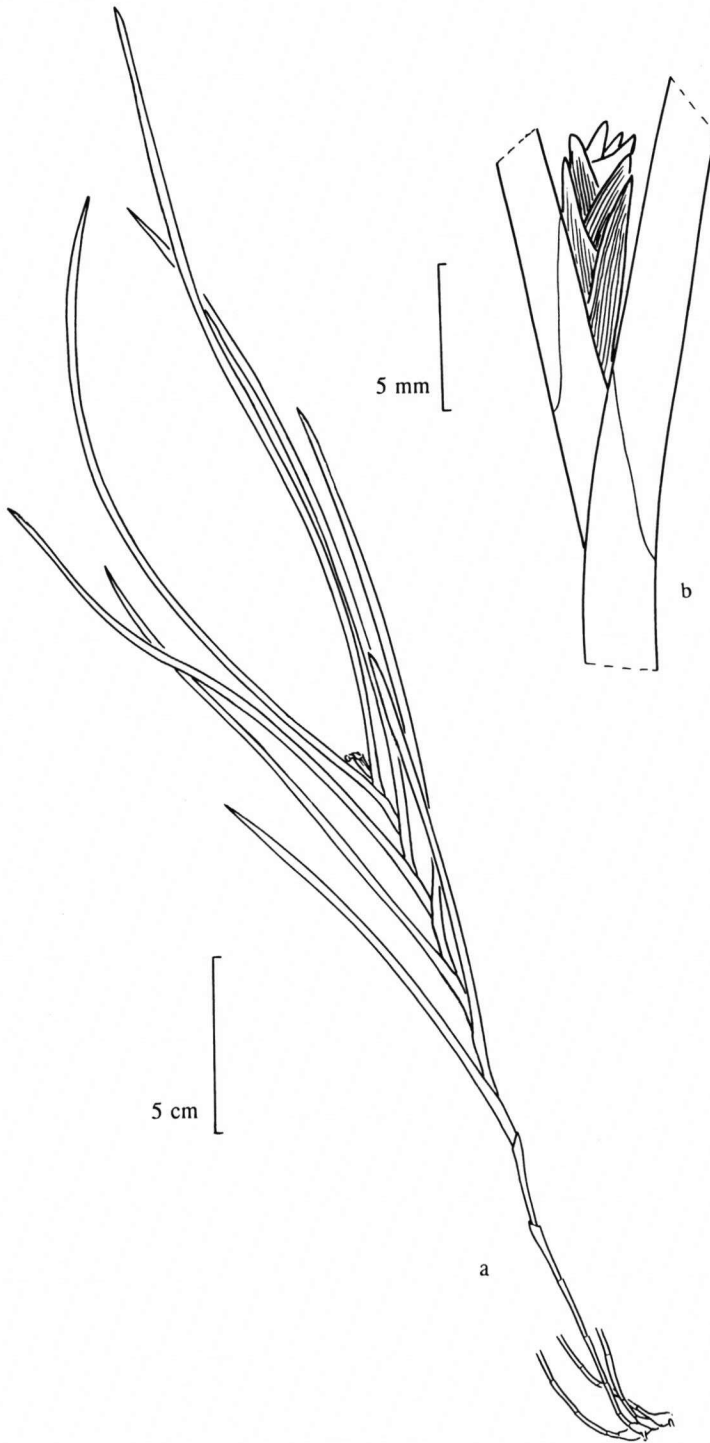


Fig. 49.

Kruizinga & de Vogel

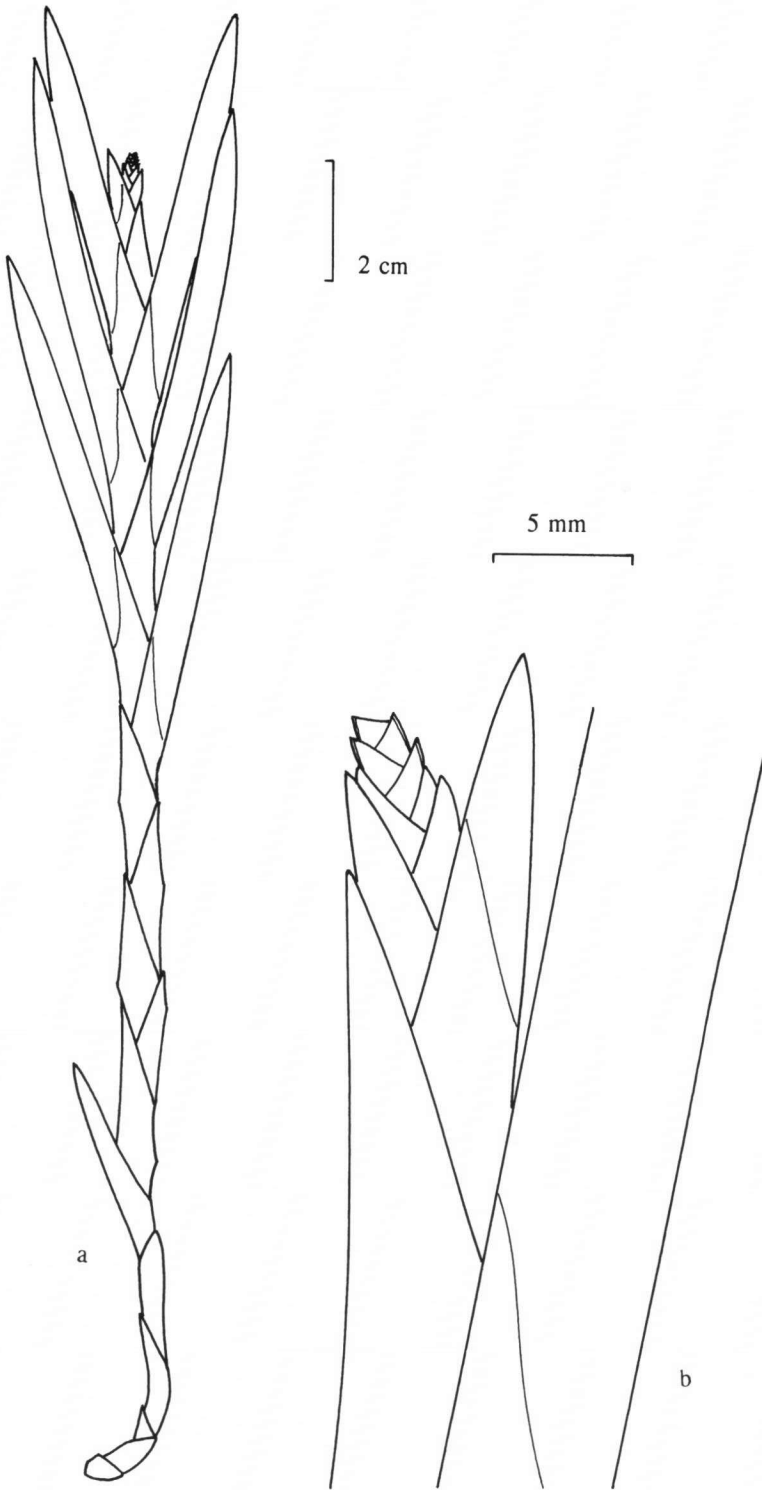


Fig. 50.

Ridley

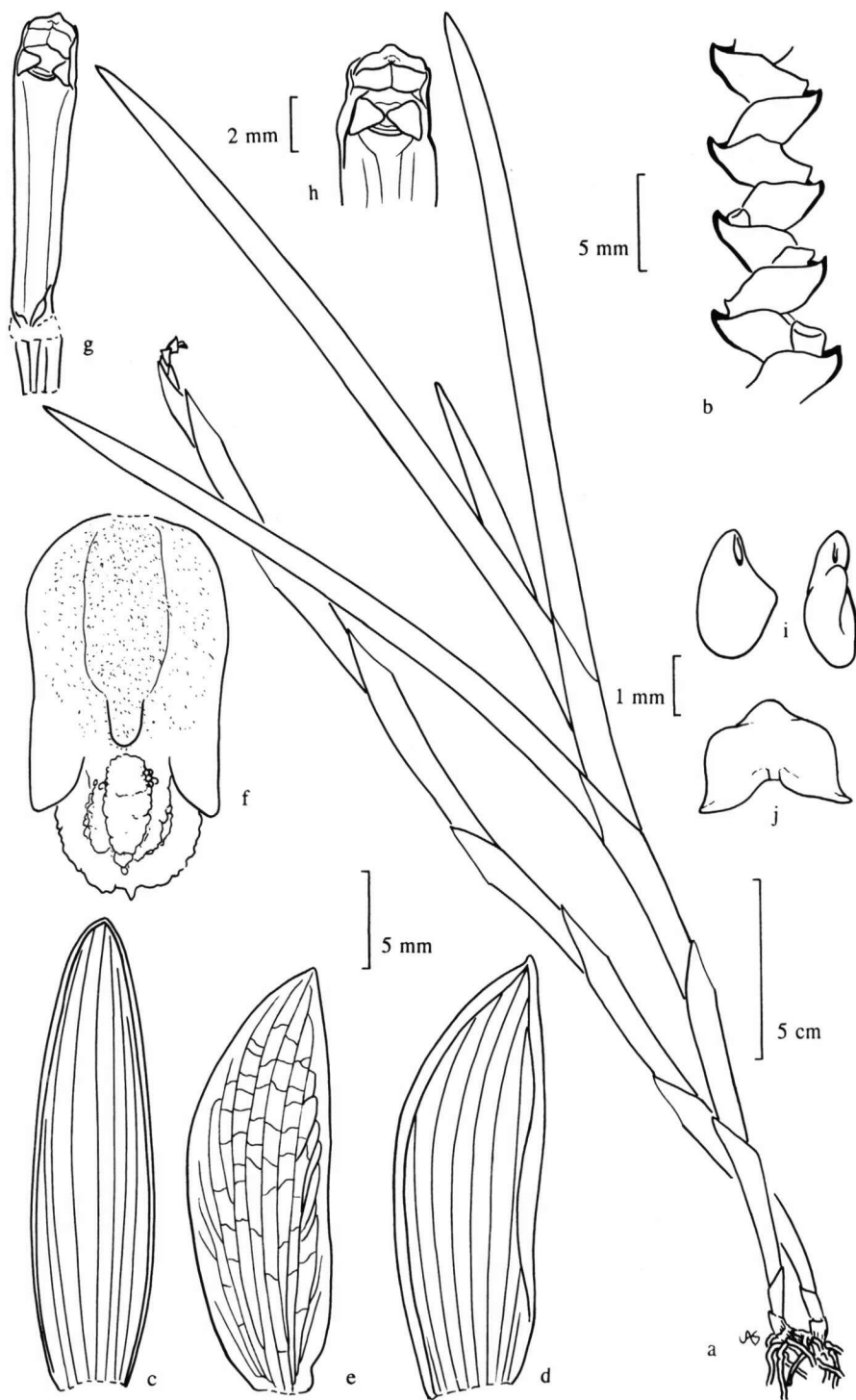


Fig. 51.

Kruizinga & de Vogel

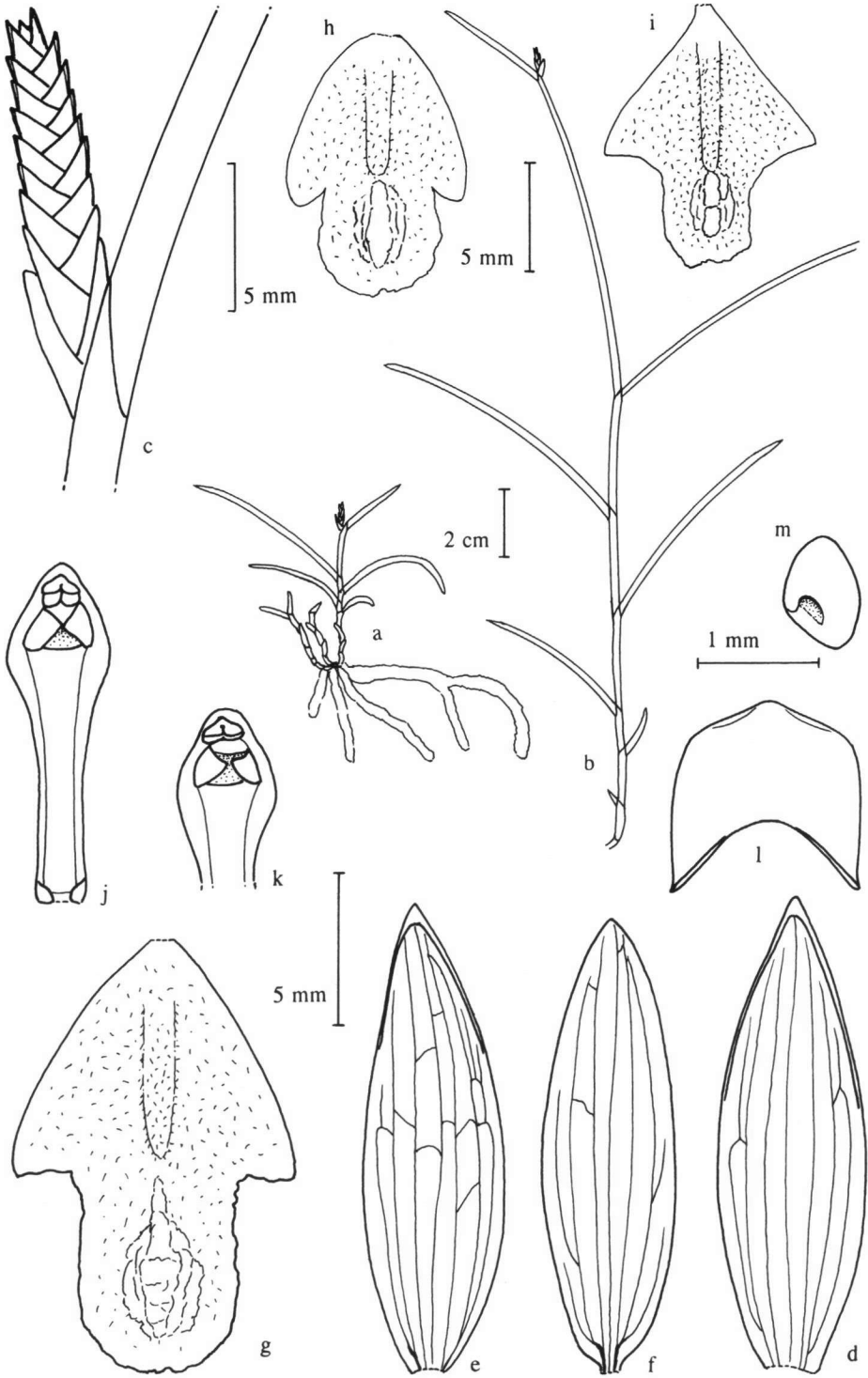


Fig. 52.

Ridley

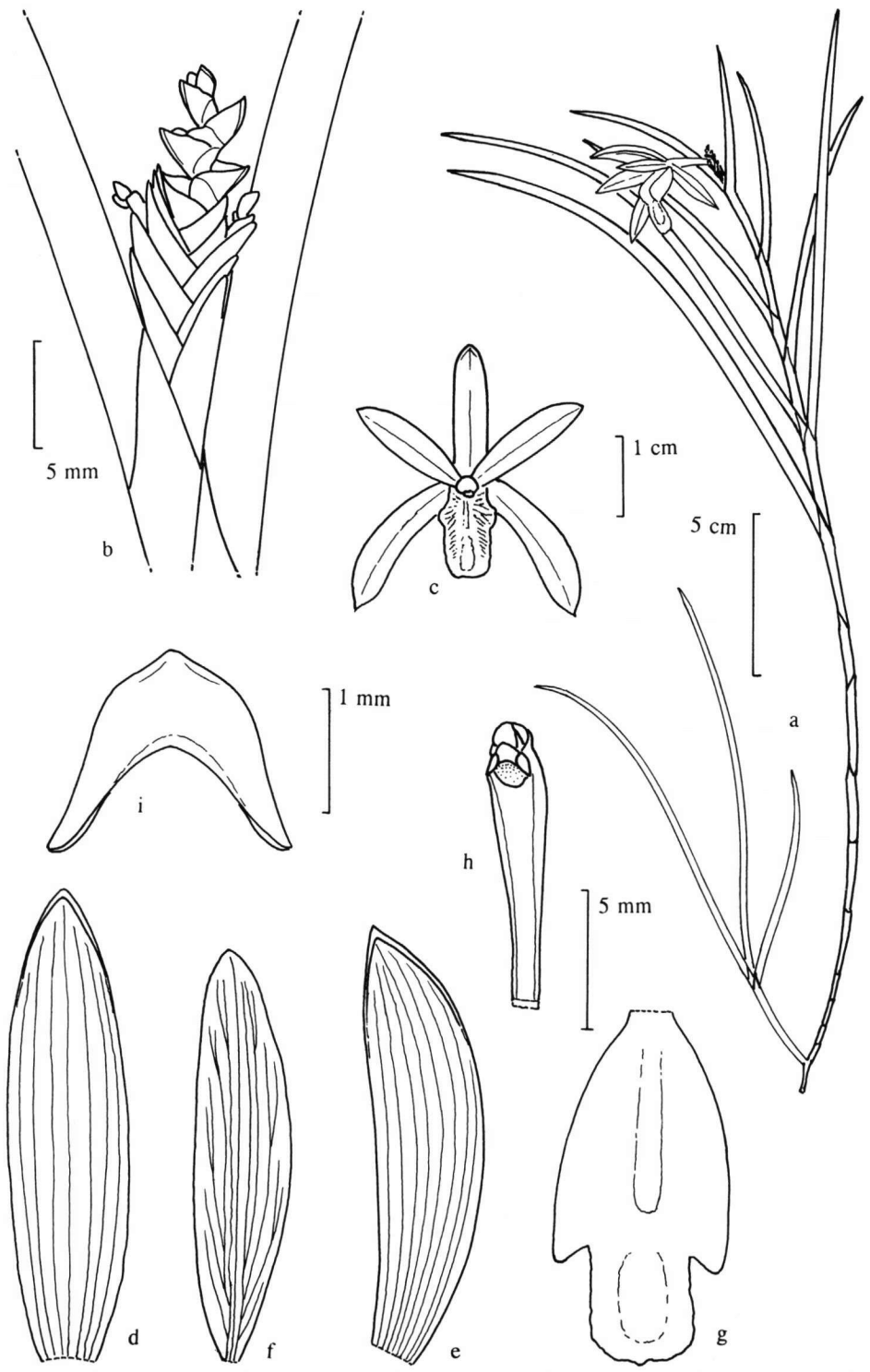


Fig. 53.

Kruizinga & de Vogel

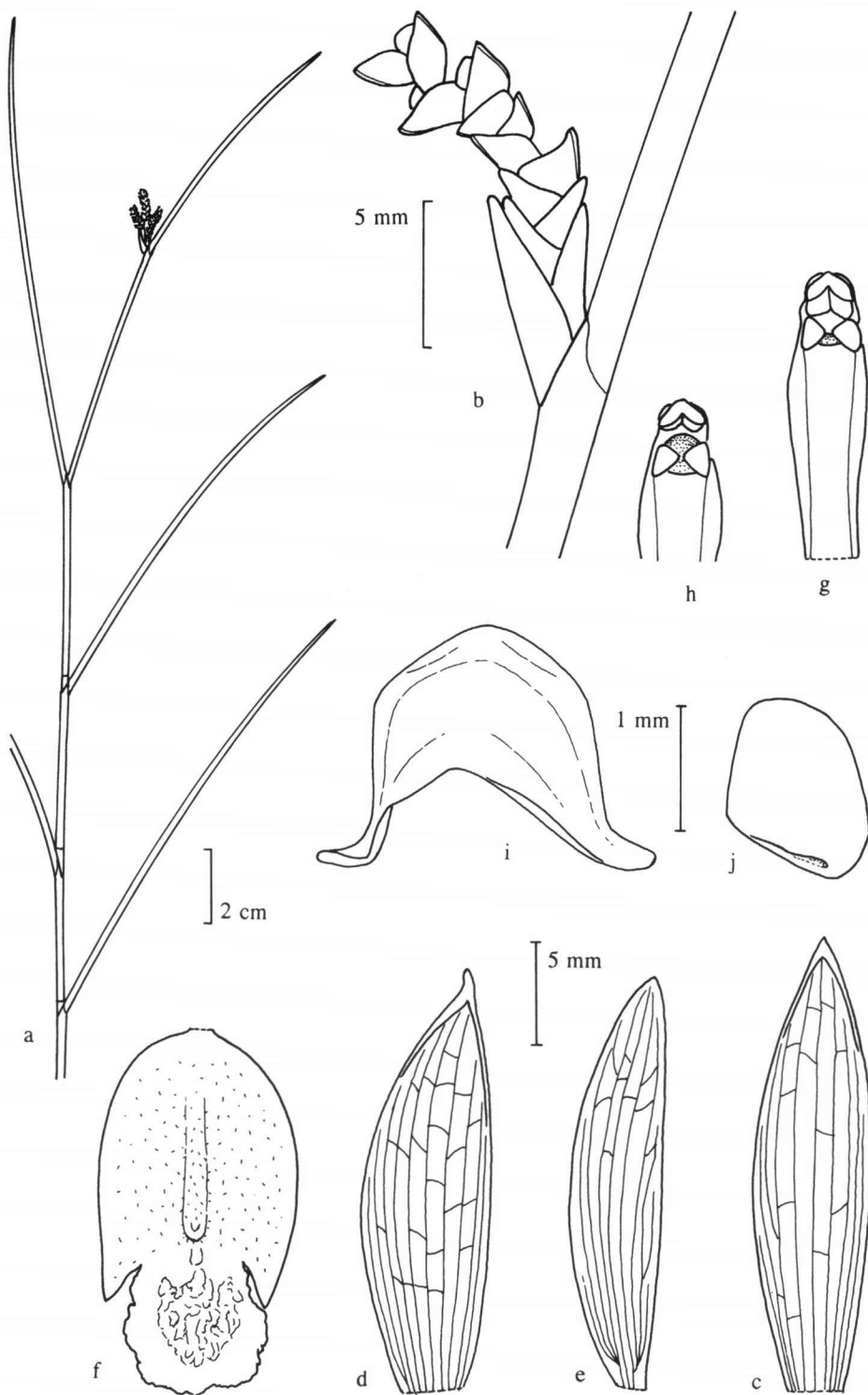


Fig. 54.

J.J. Smith

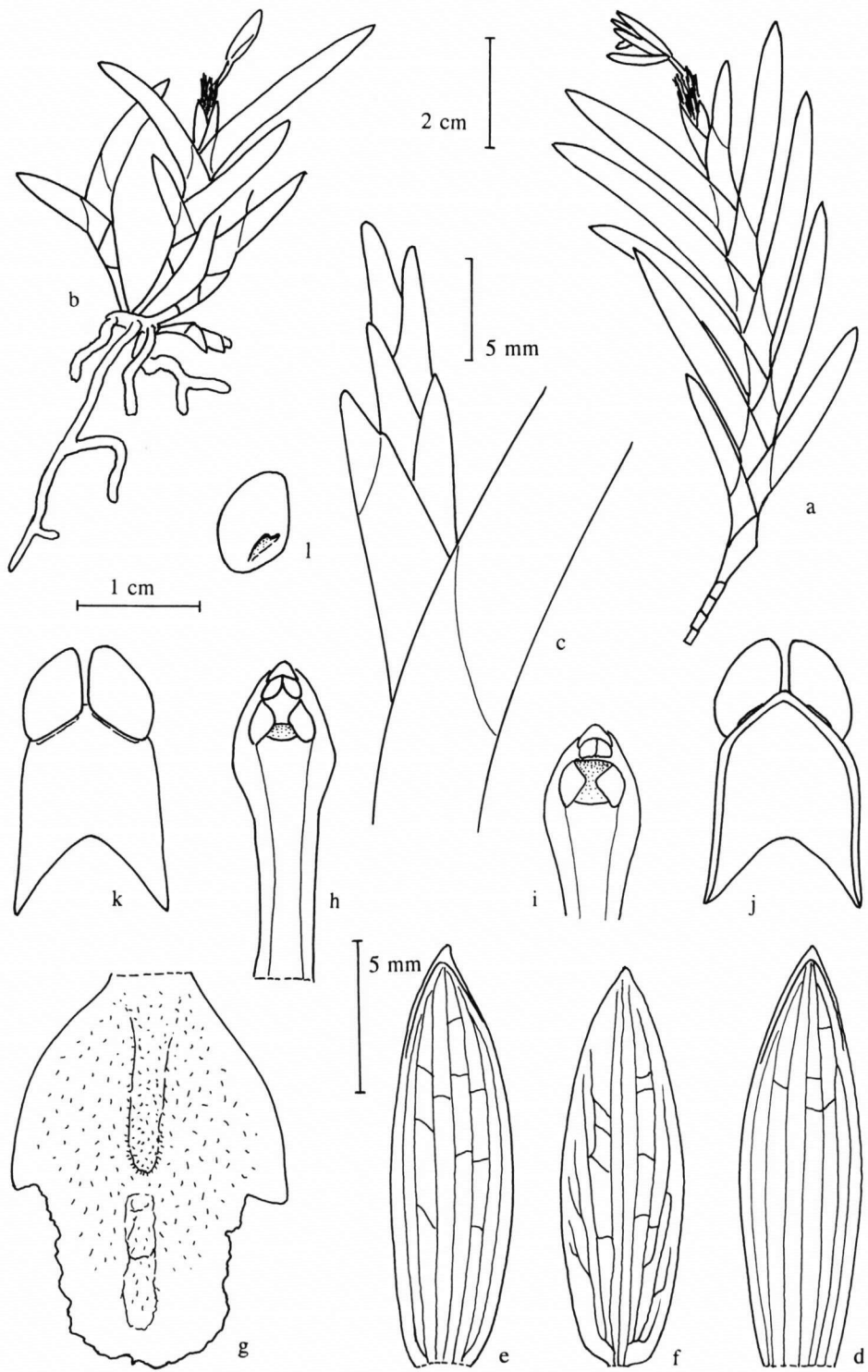


Fig. 55.

Seidentf.

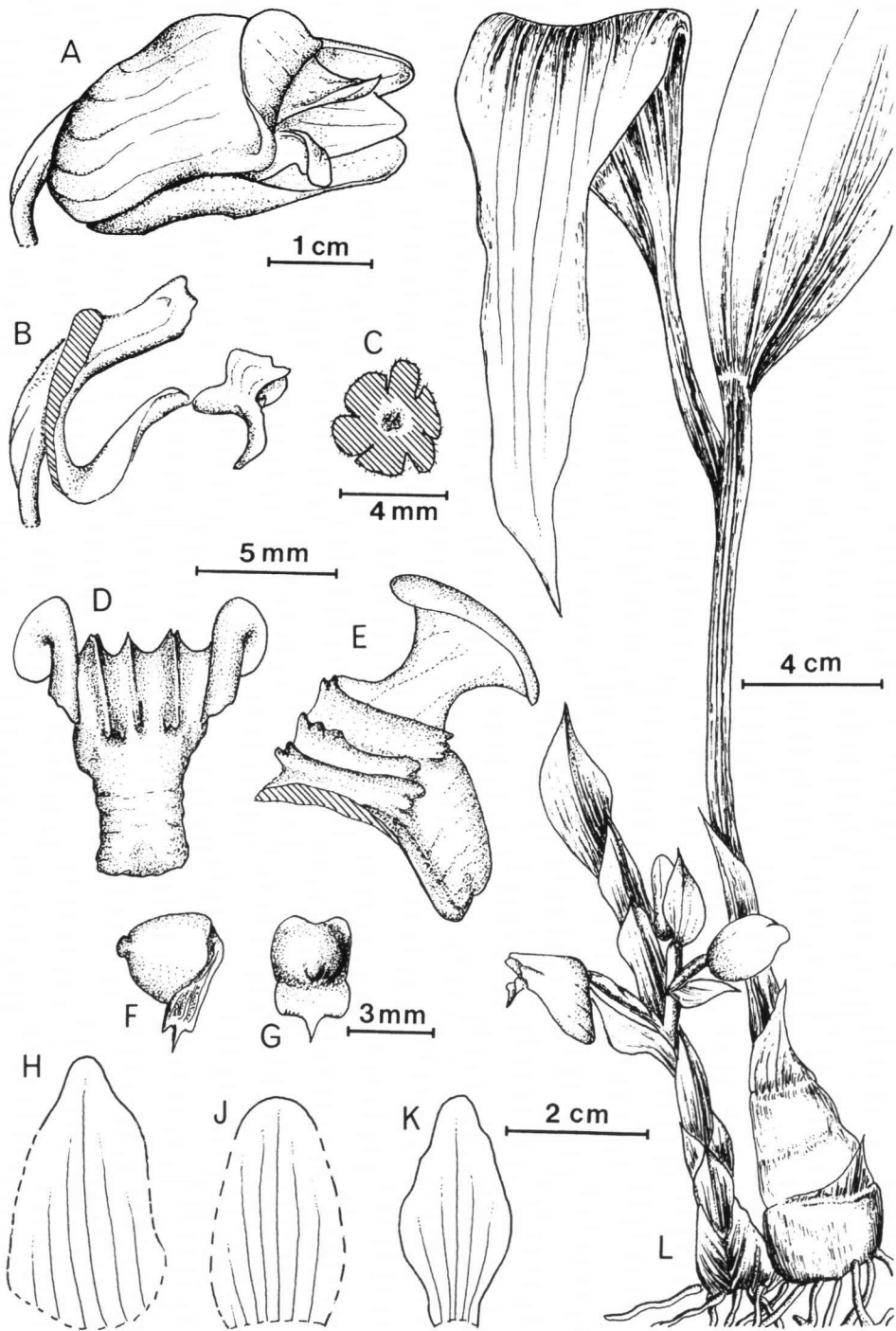


Fig. 56.

Lindley

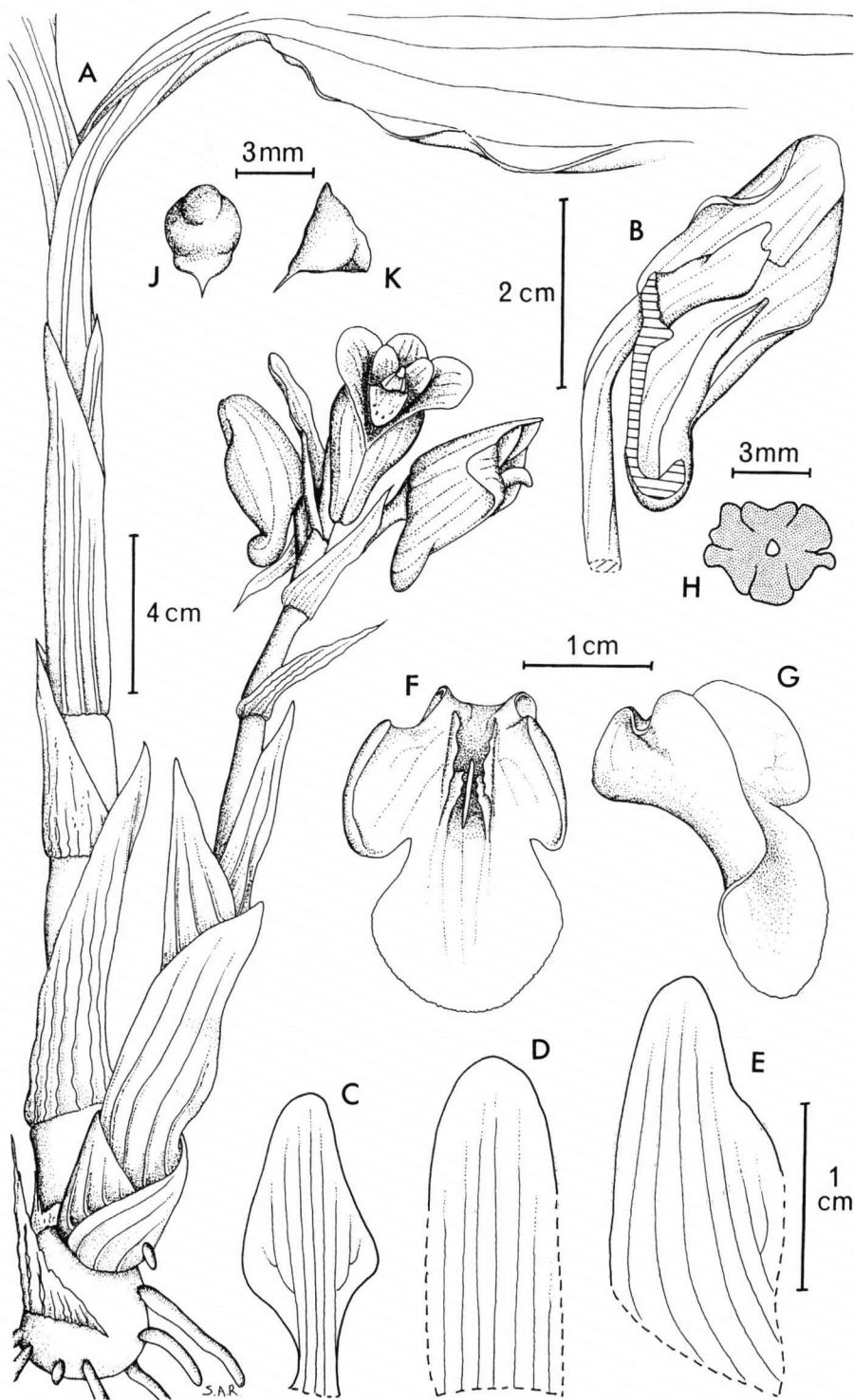
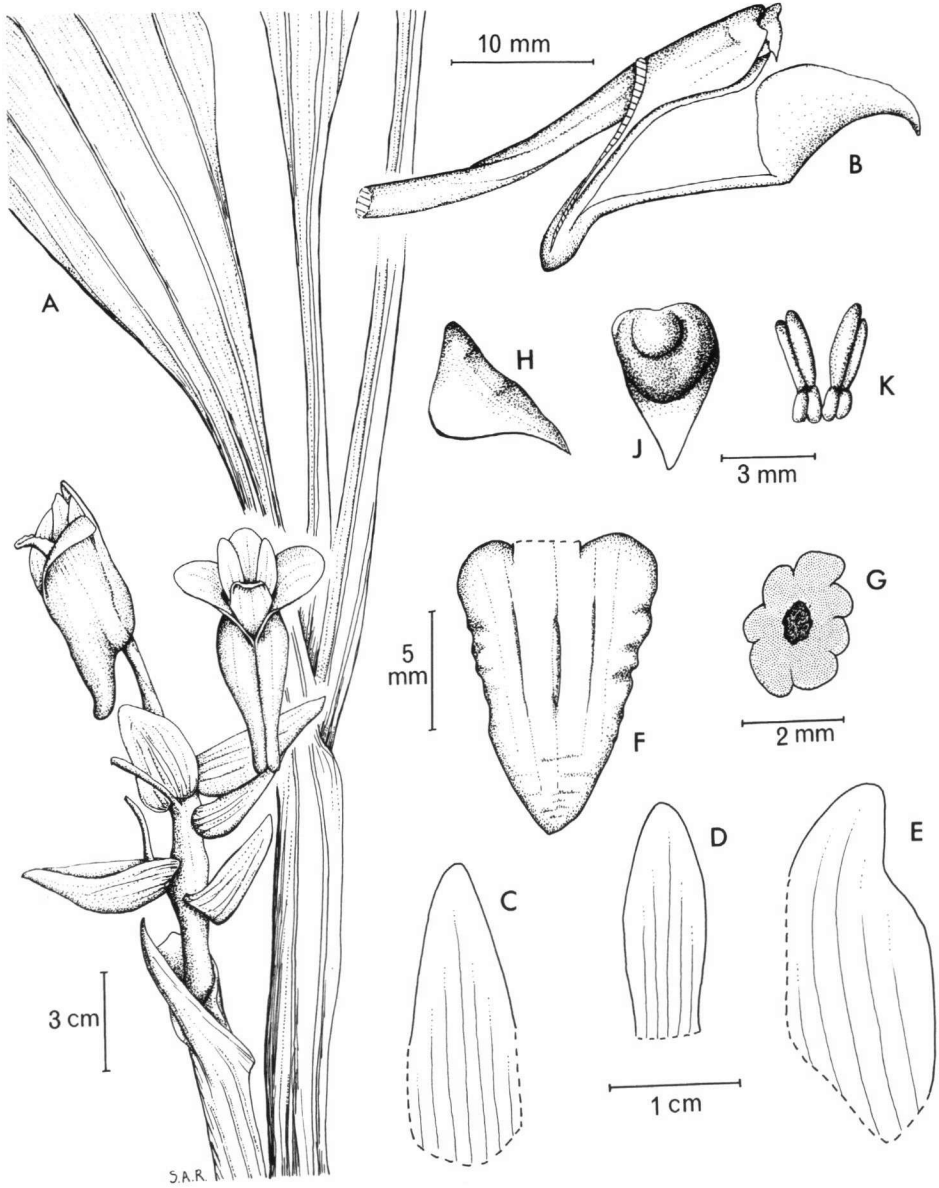


Fig. 57.

Rchb. f.



S.A.R.

Fig. 58.

Kraenzl.

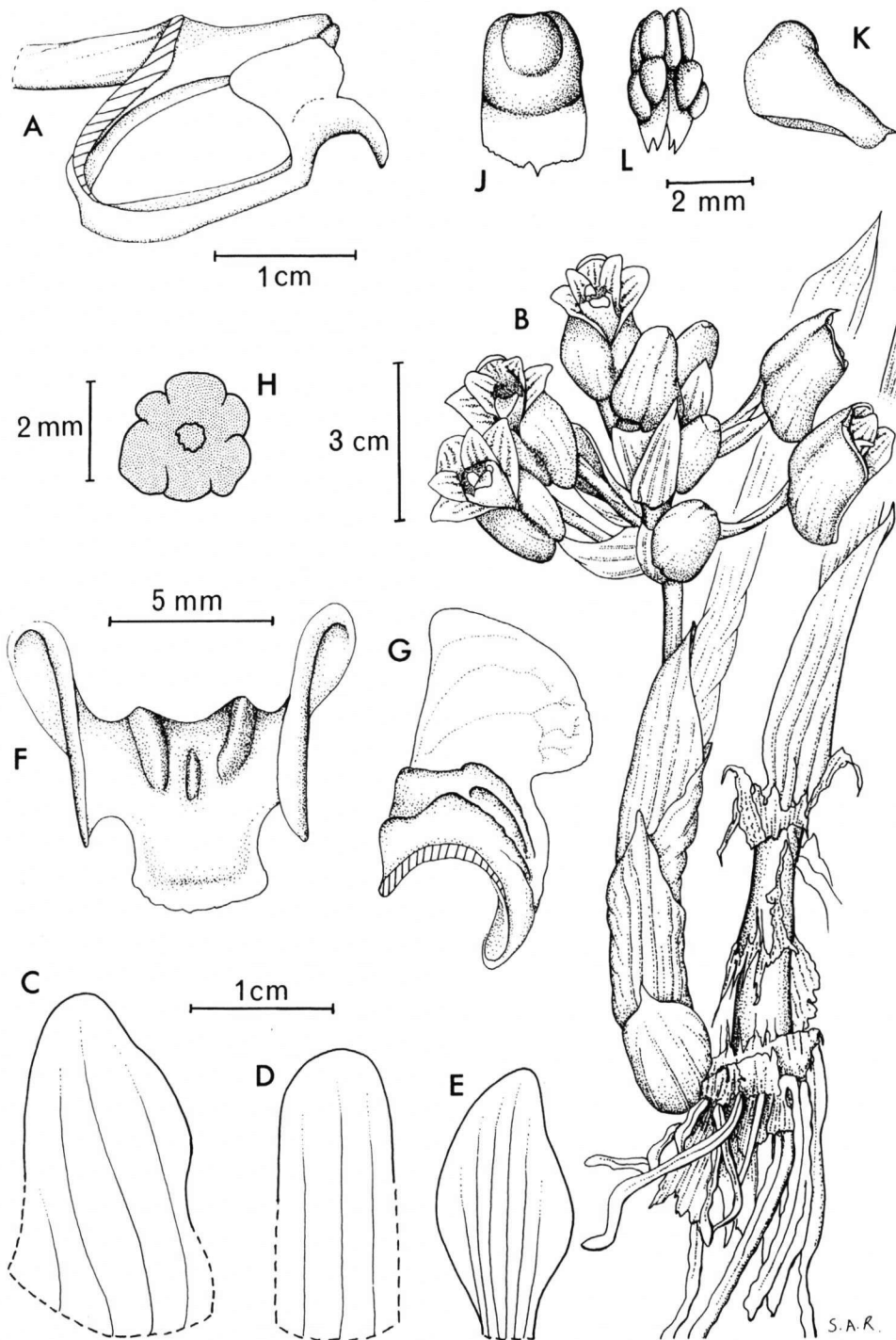


Fig. 59.

(Guillaumin) Seidenf.

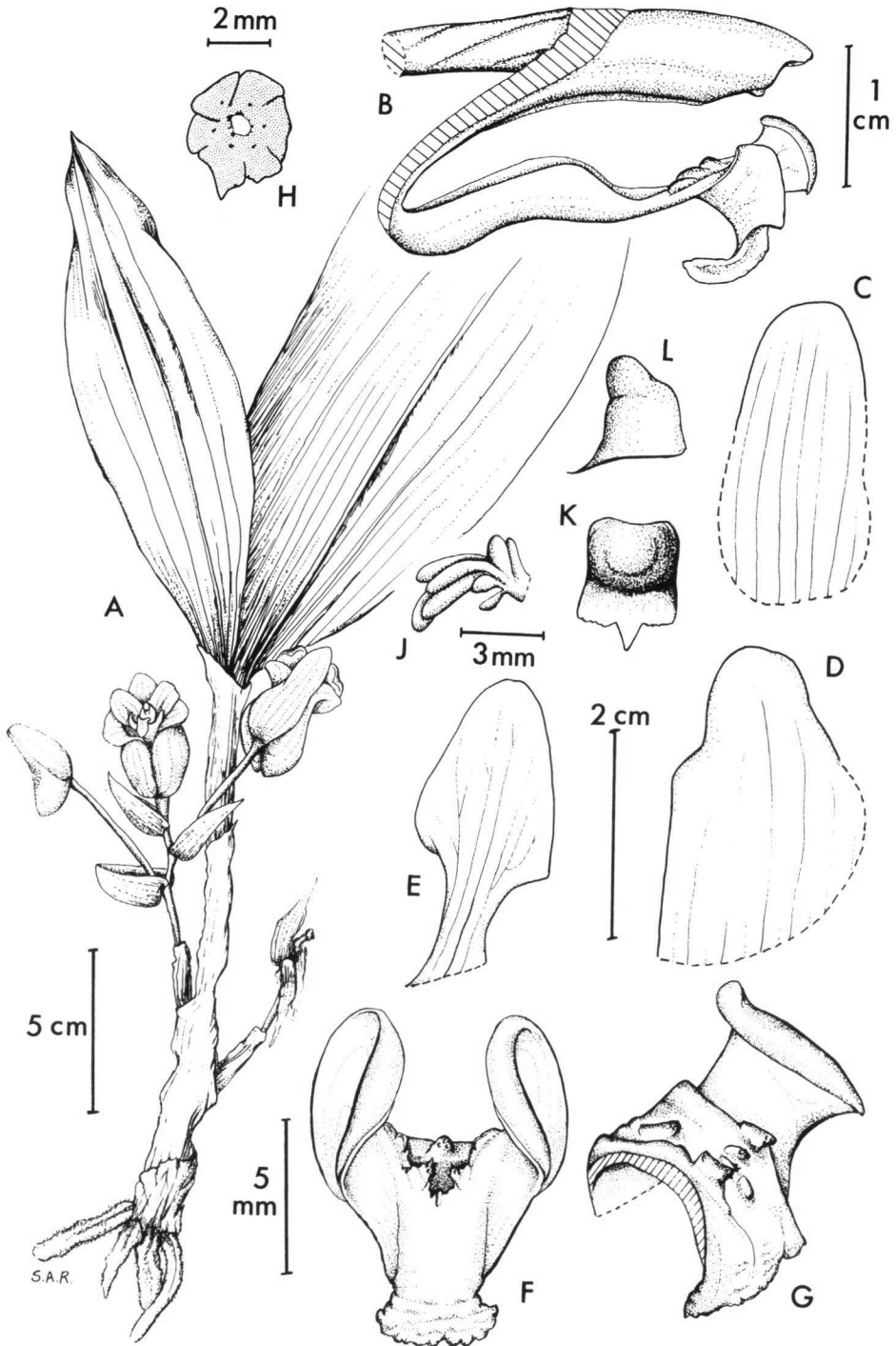


Fig. 60.

Blume

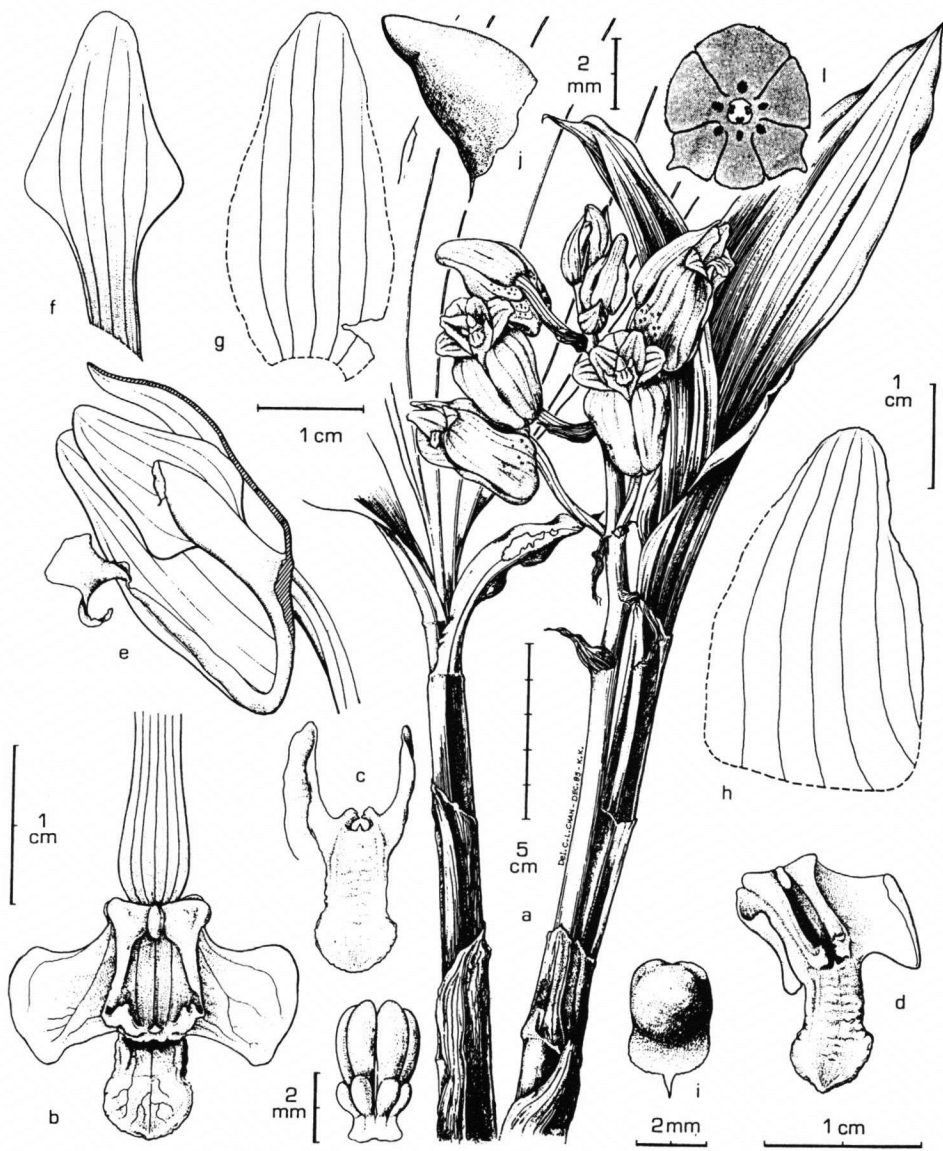


Fig. 61.

J.J. Wood & C.L. Chan

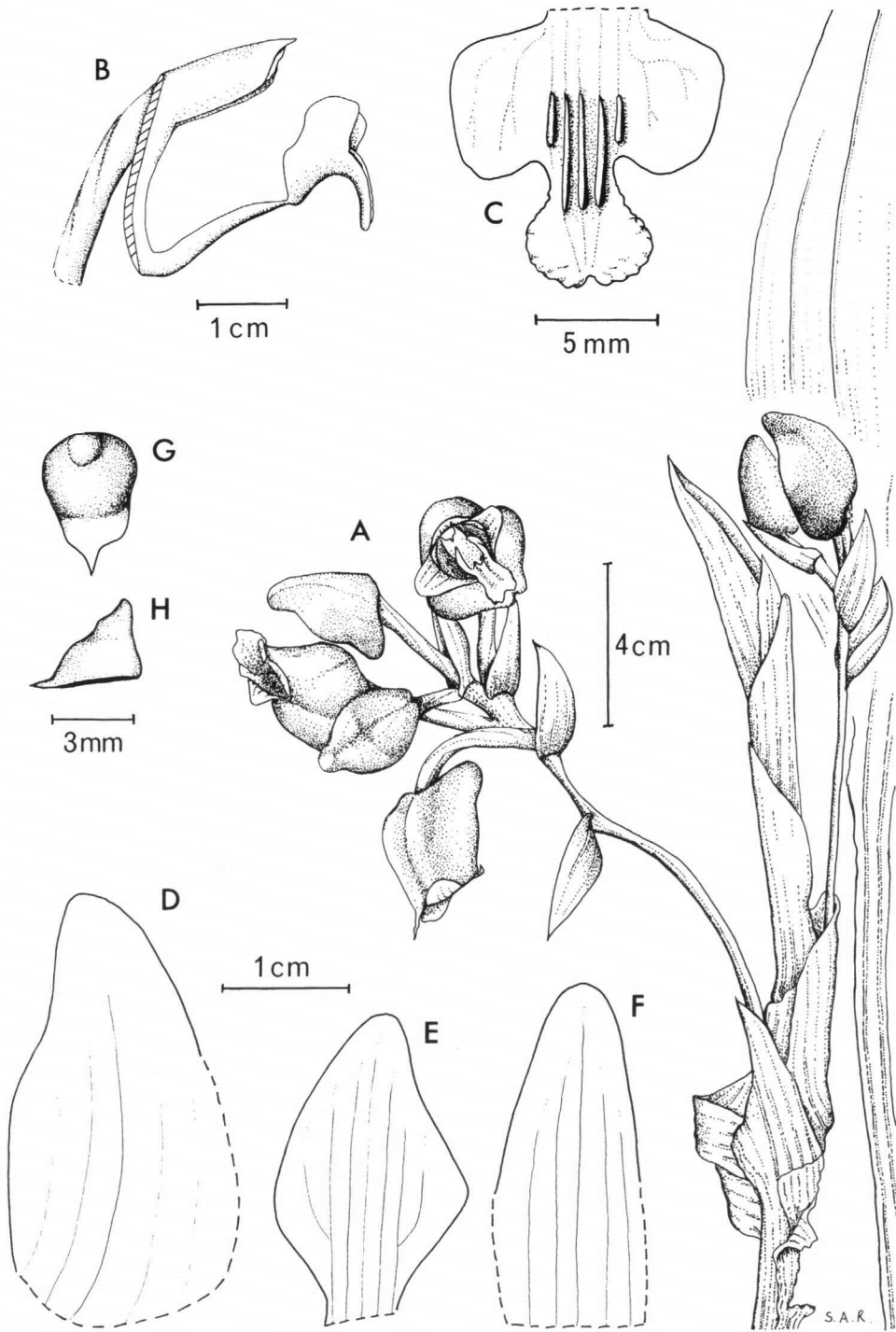


Fig. 62.

Linden & Cogn.

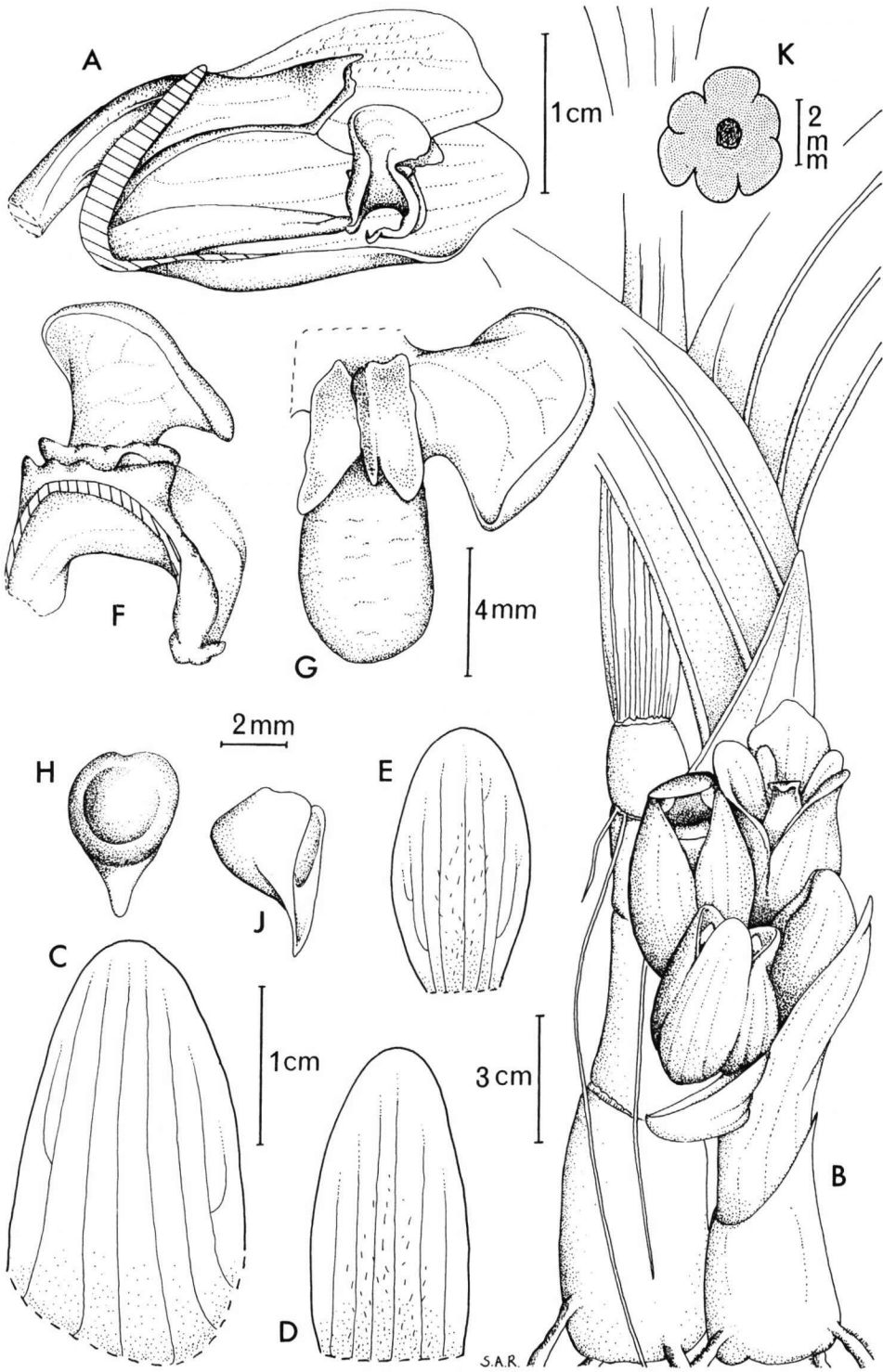


Fig. 63.

Hassk.

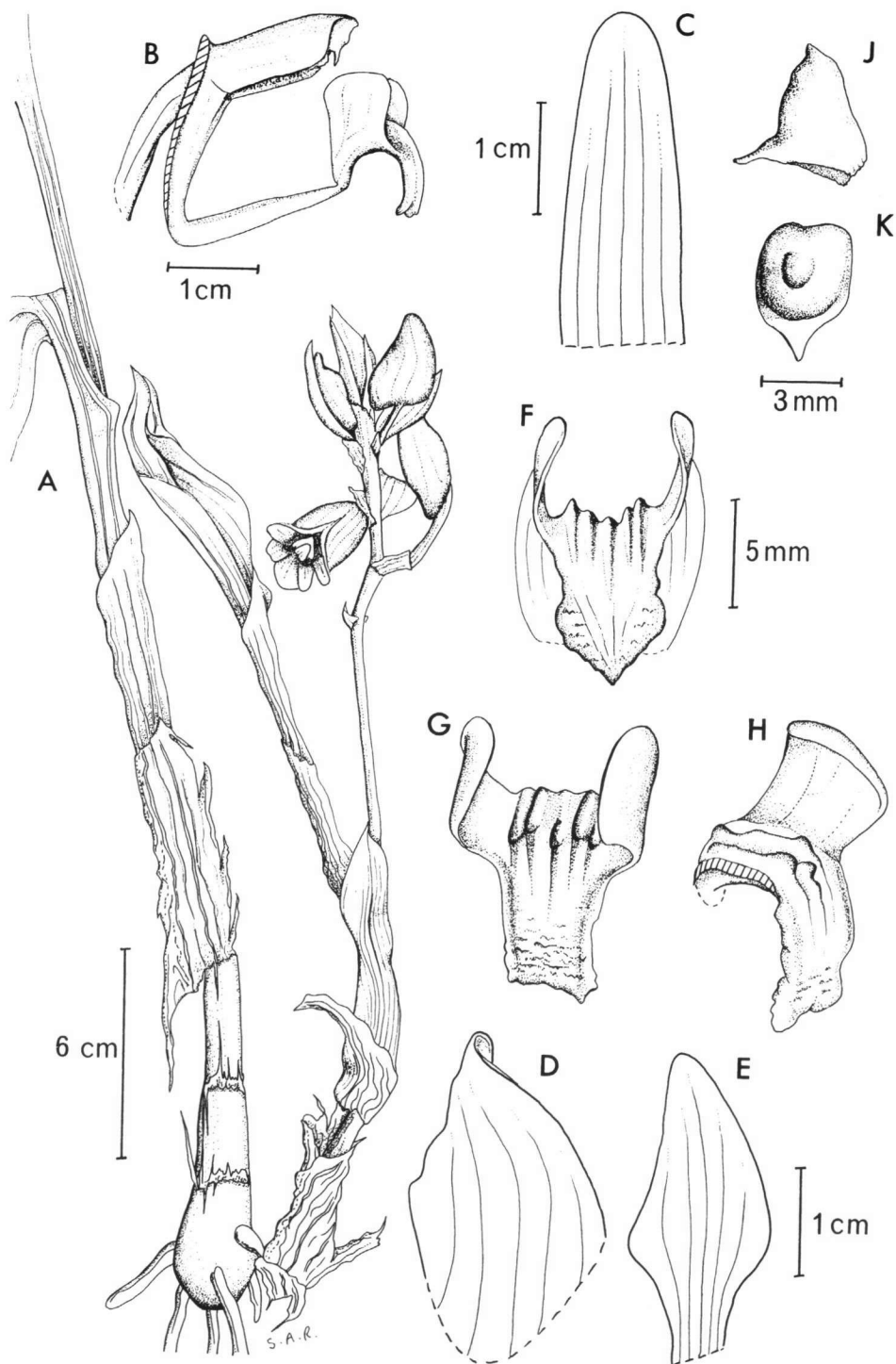


Fig. 64.

J.J. Smith

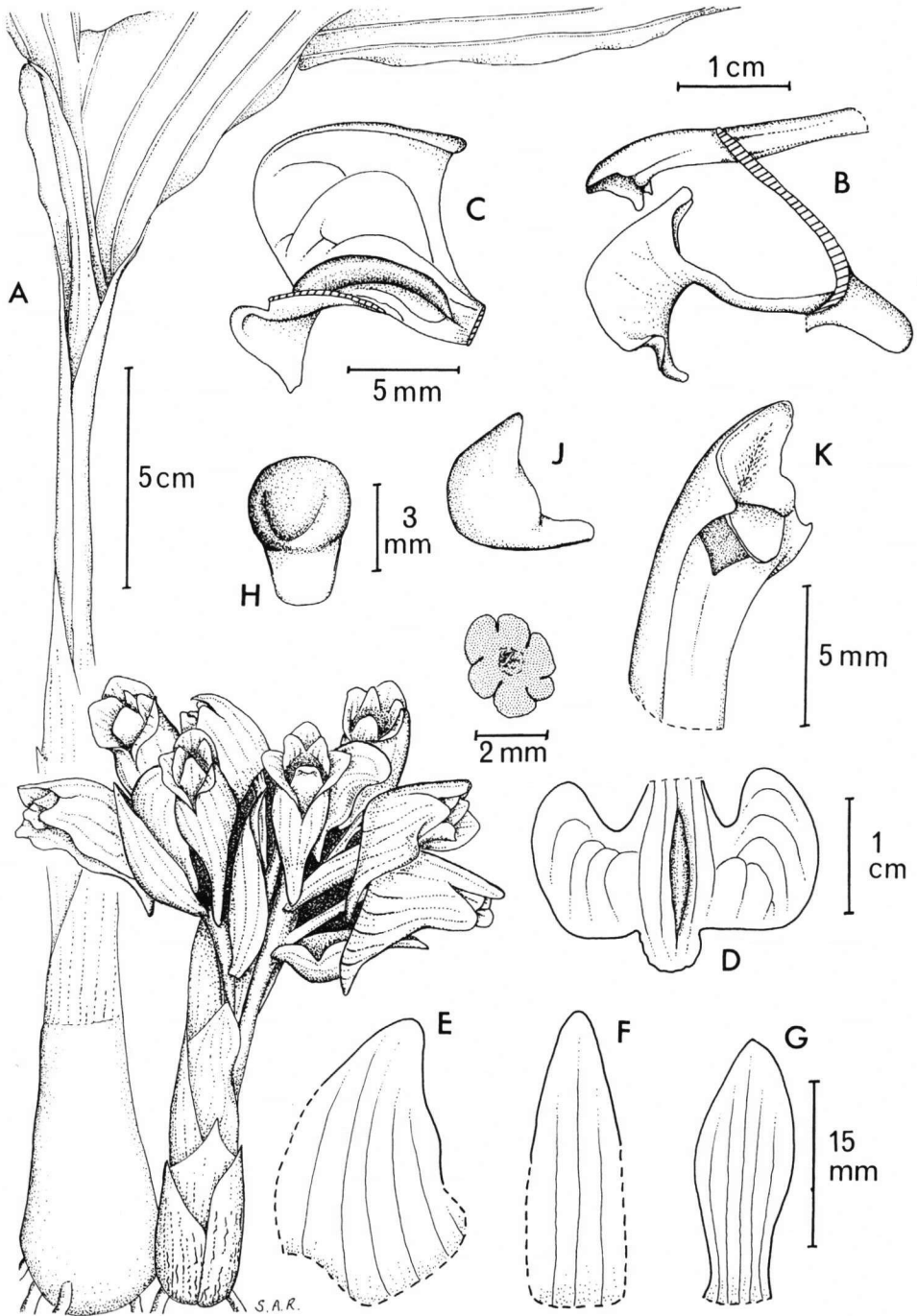


Fig. 65.

Lindley

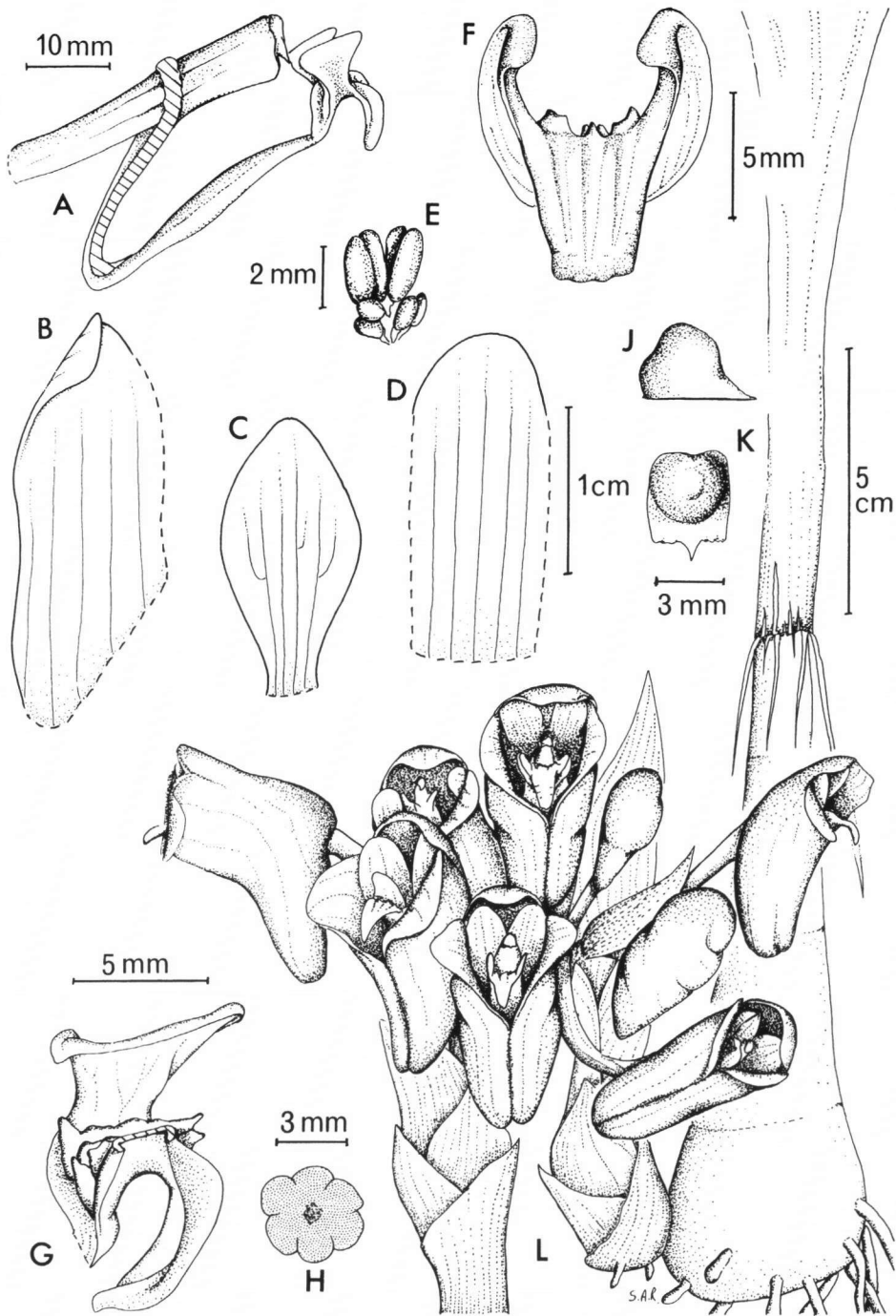


Fig. 66.

Lindley

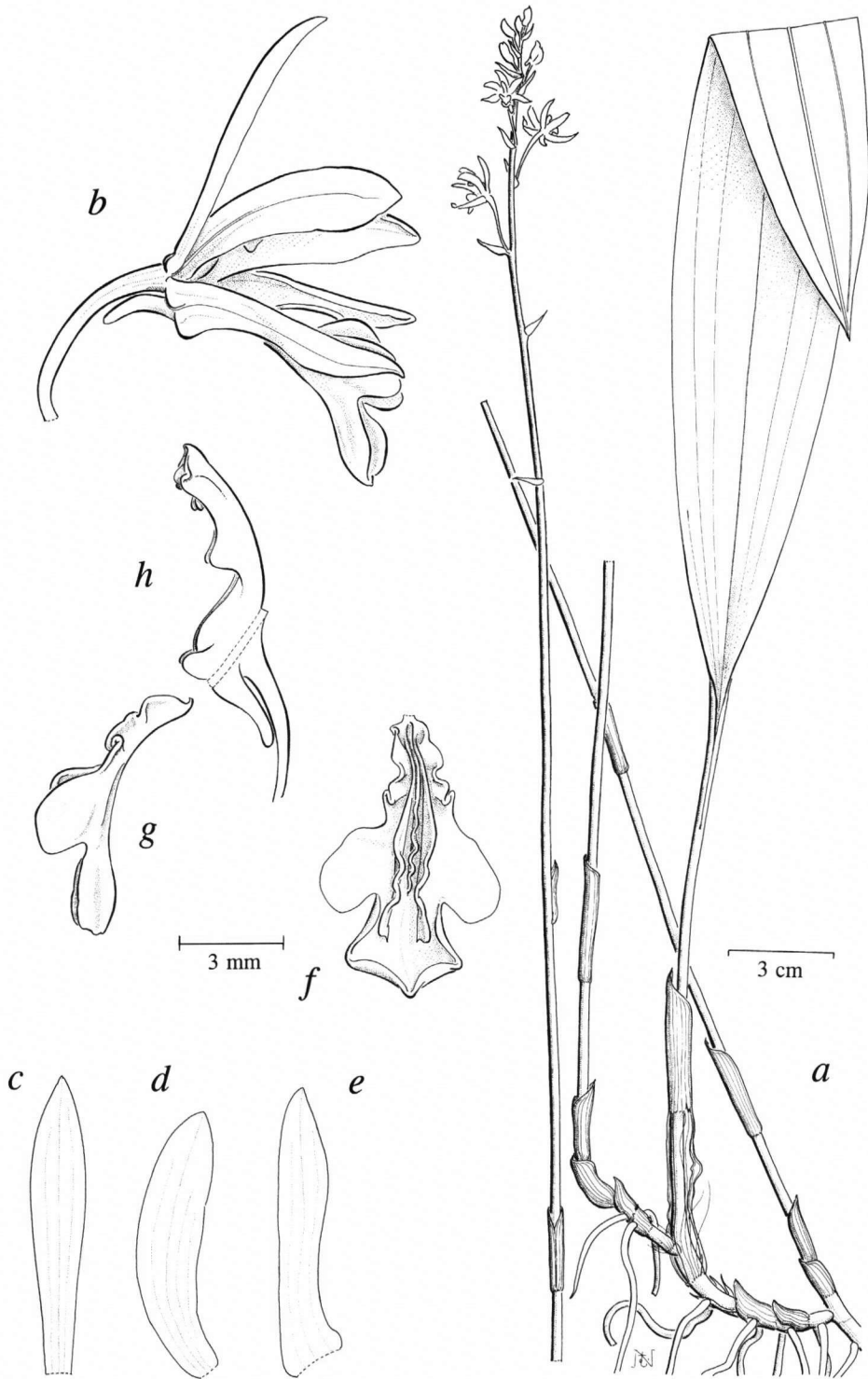


Fig. 67.

Hook. f.

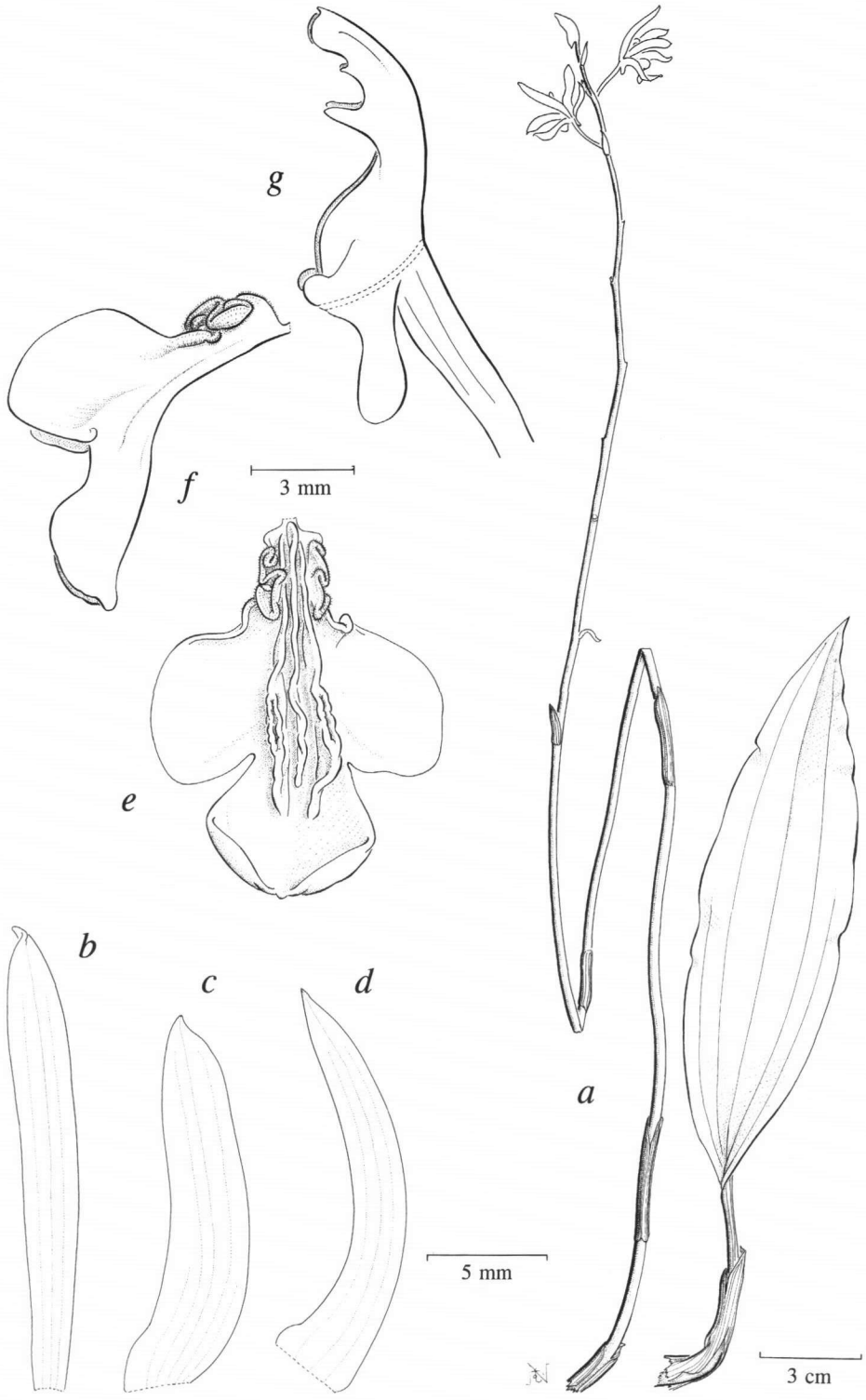


Fig. 68.

W. Burgh & de Vogel

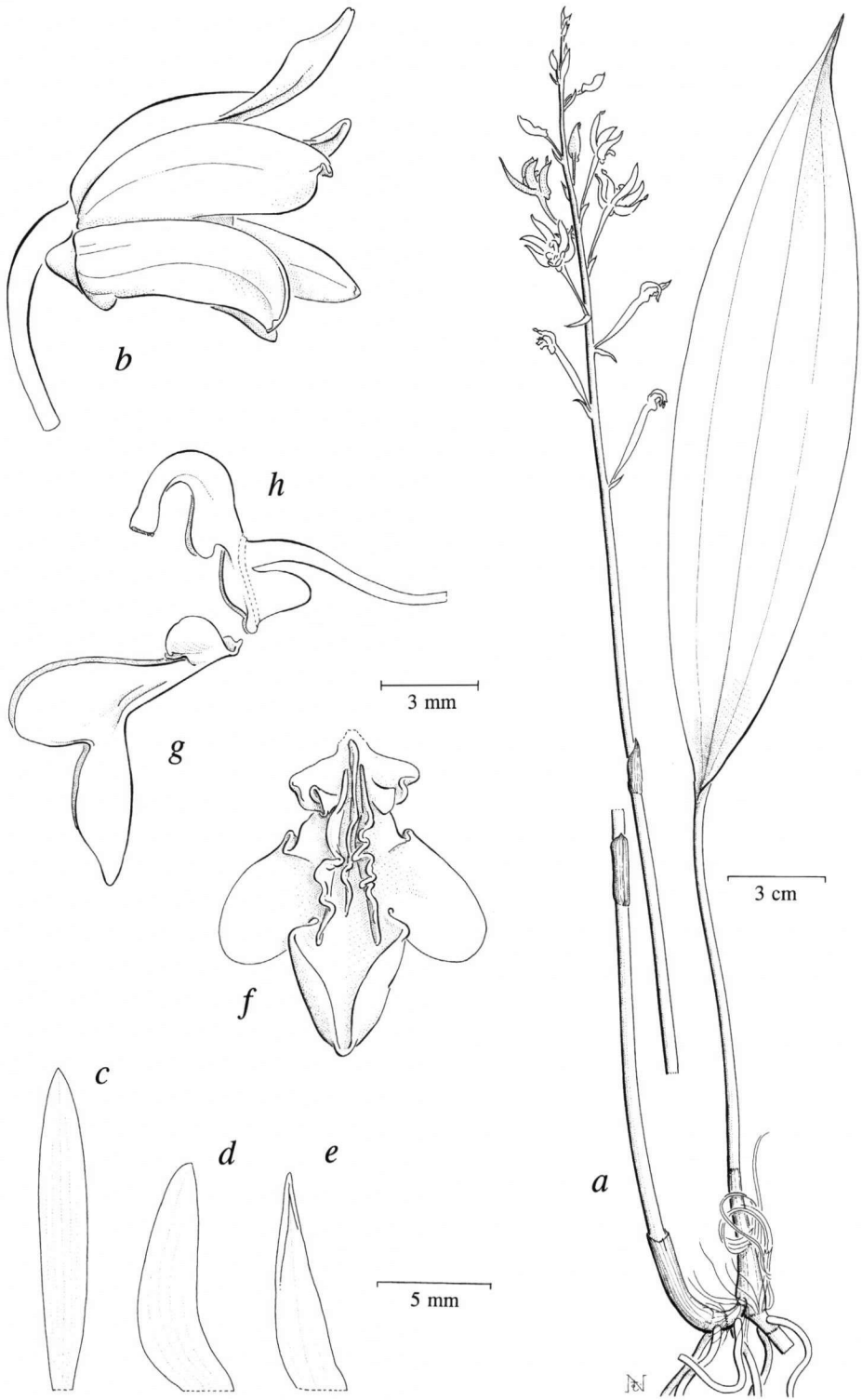


Fig. 69.

Blume

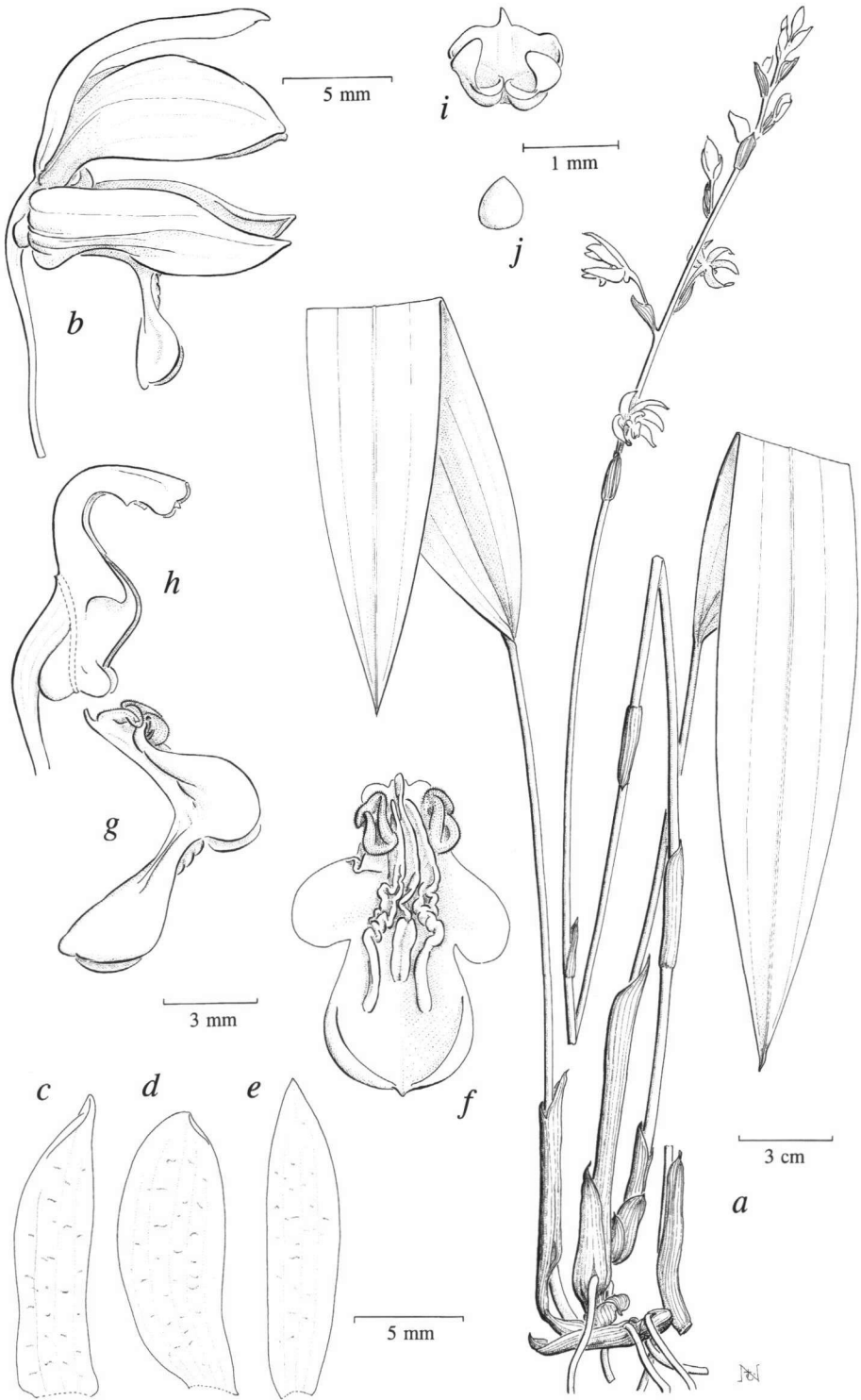


Fig. 70.

Carr

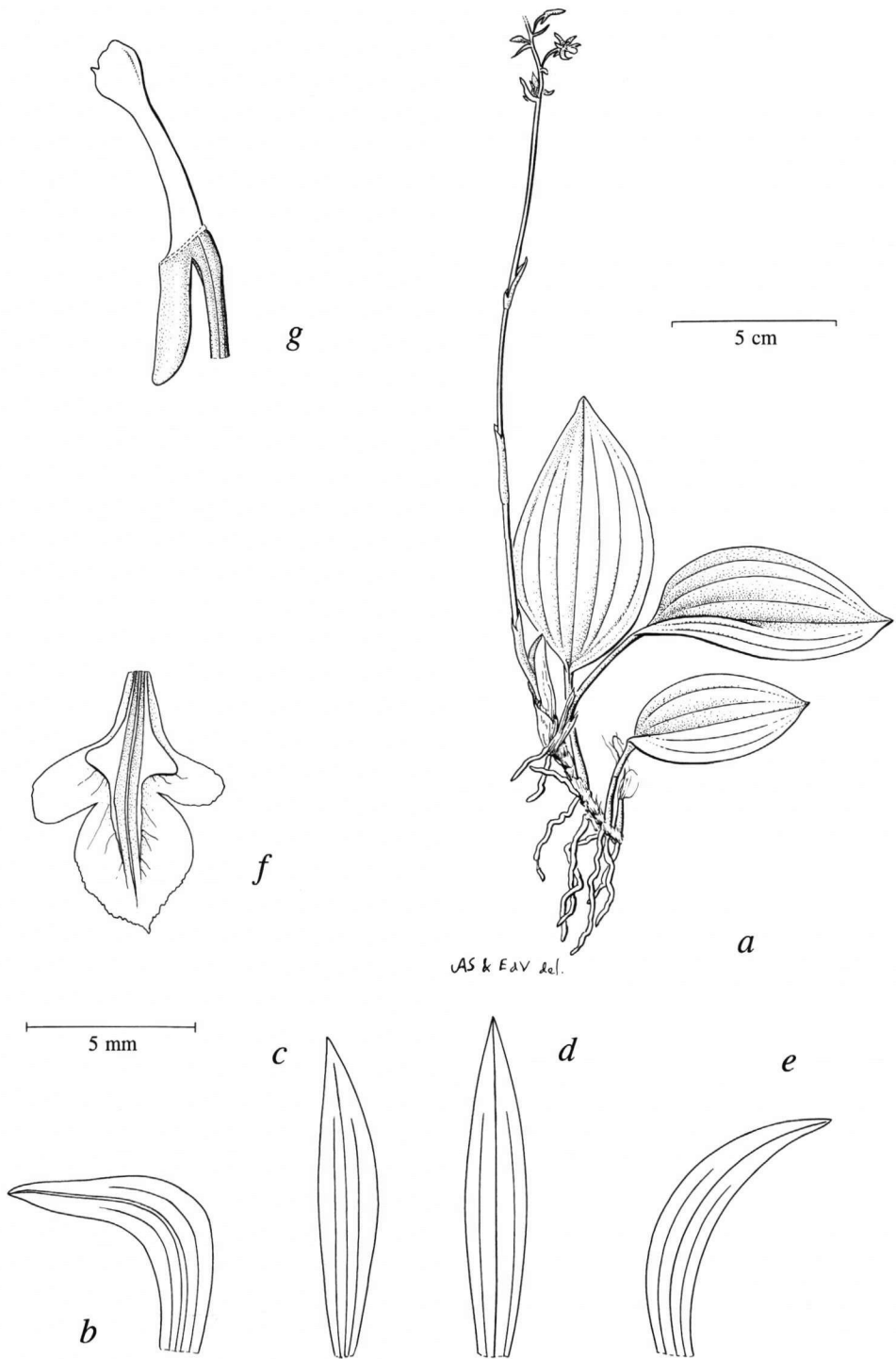


Fig. 71.

W. Burgh & de Vogel

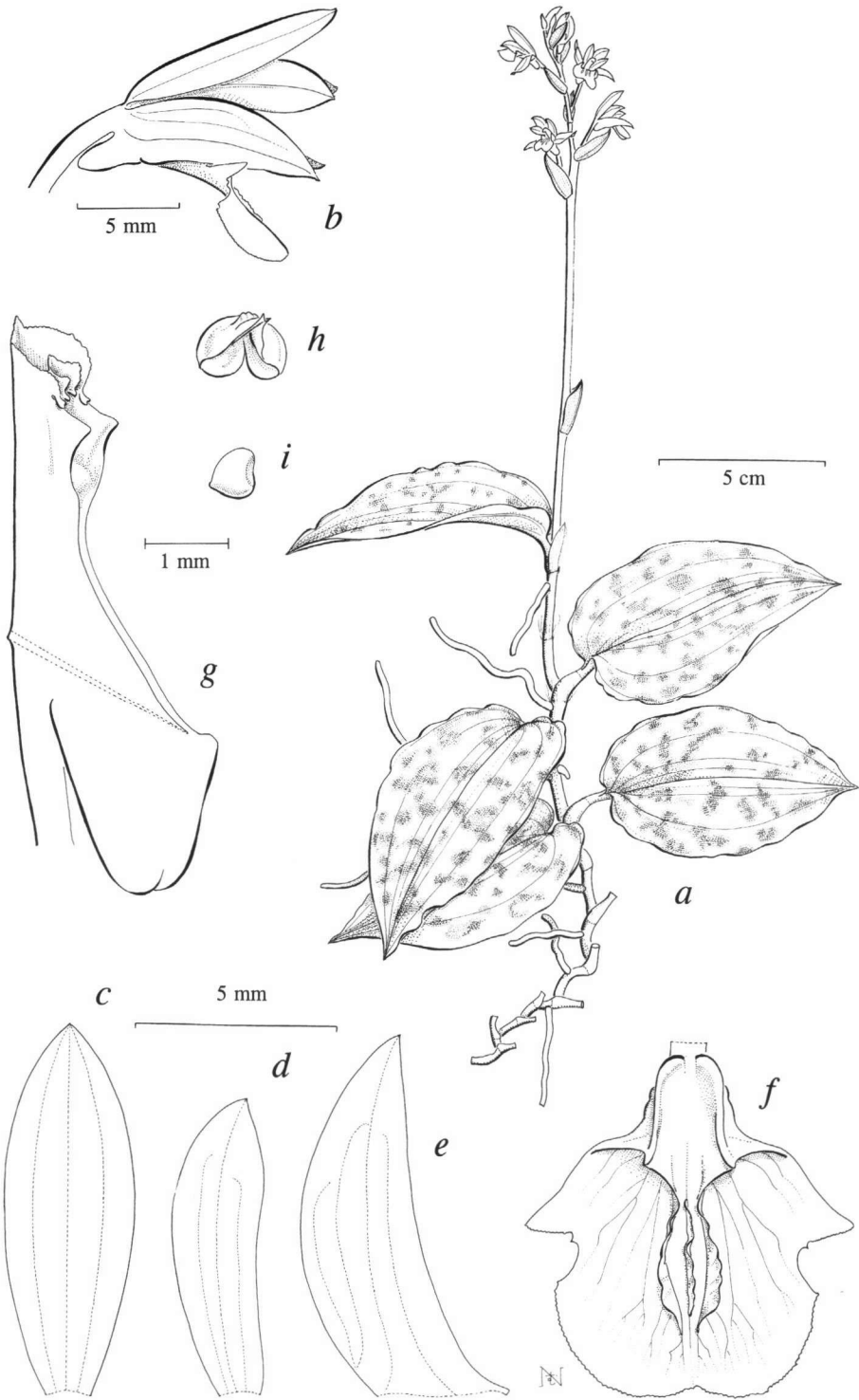


Fig. 72.

(J.J. Smith) J.J. Wood

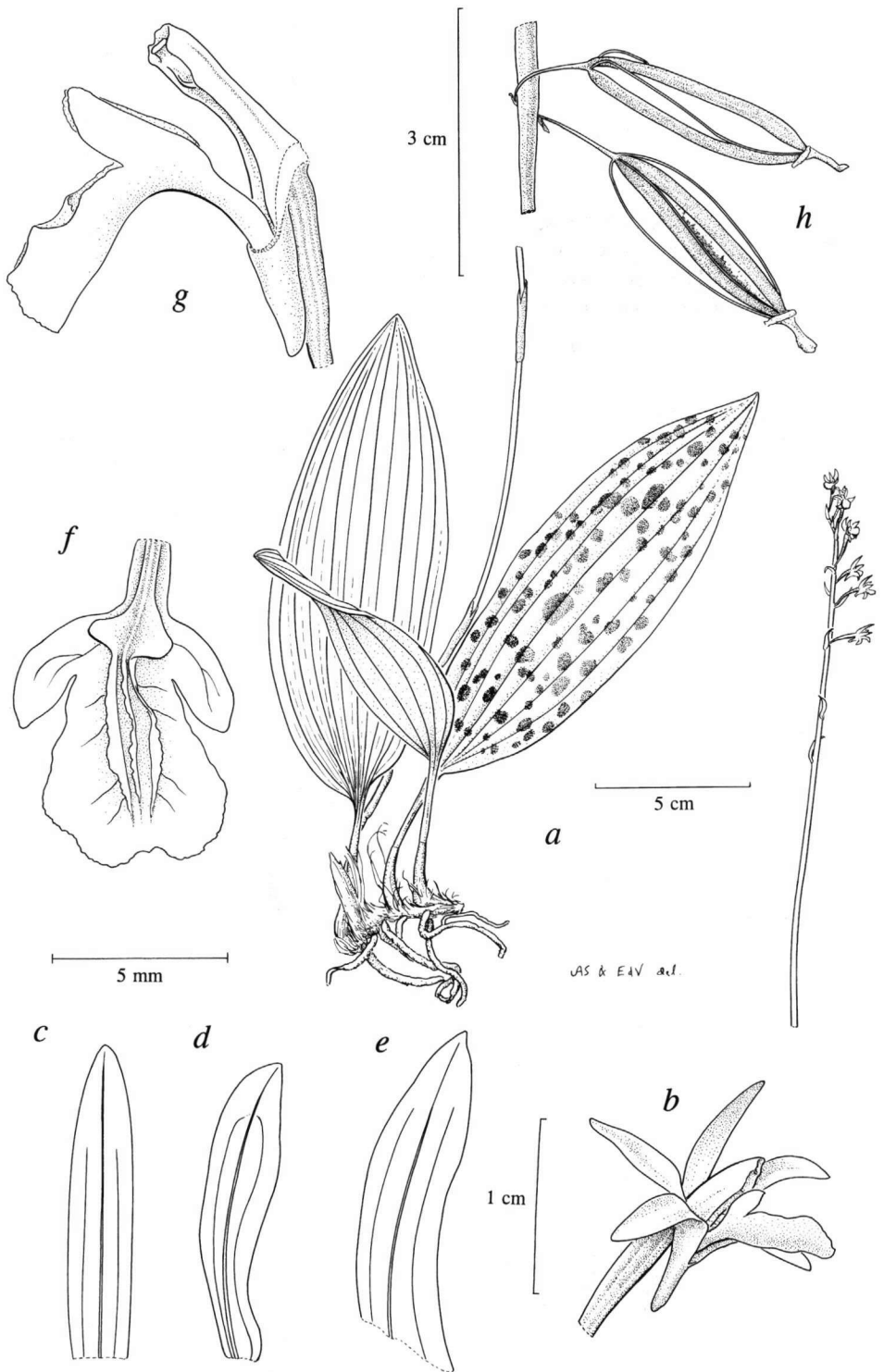


Fig. 73.

de Vogel

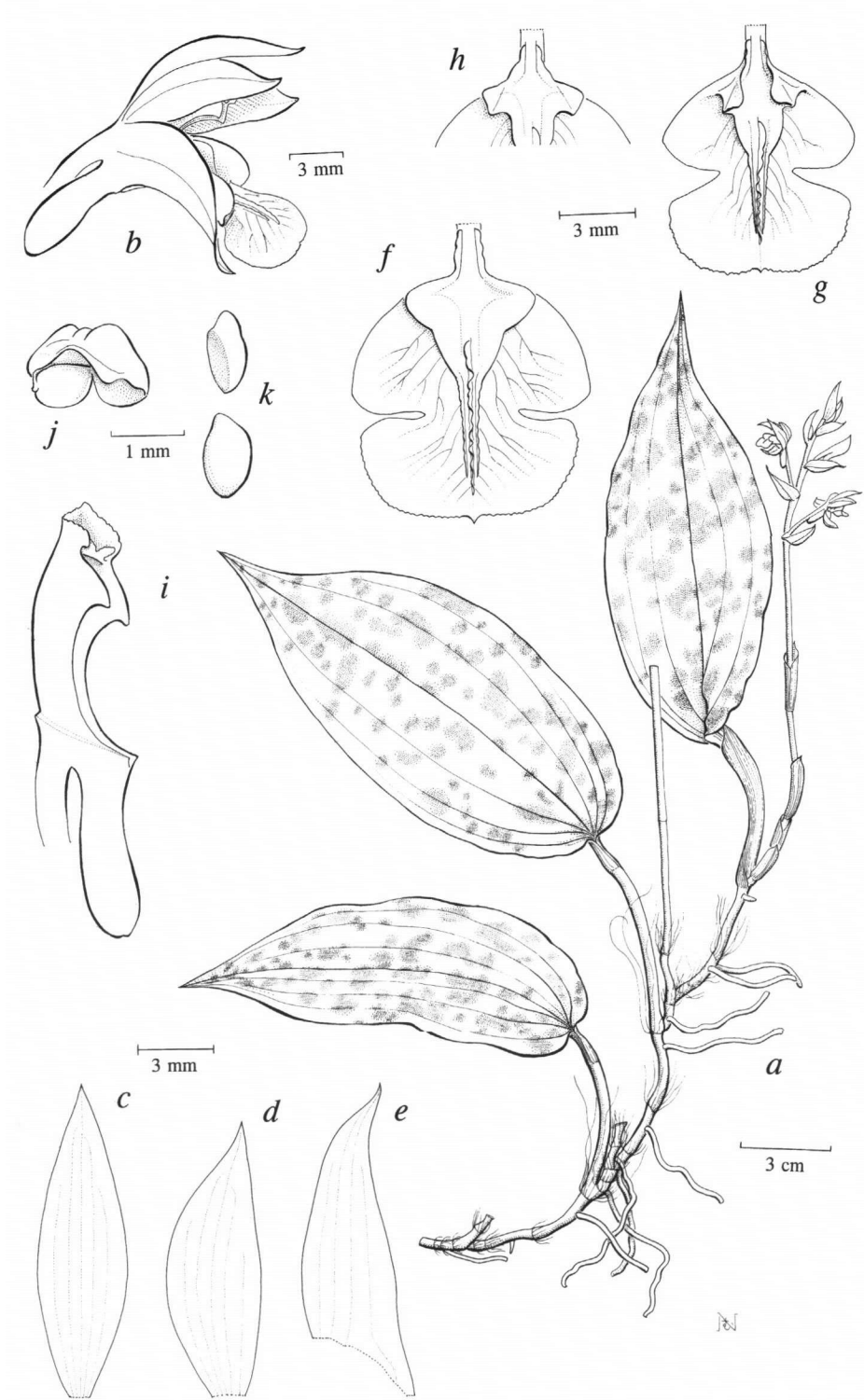


Fig. 74.

(Rolfe) Tang & Wang

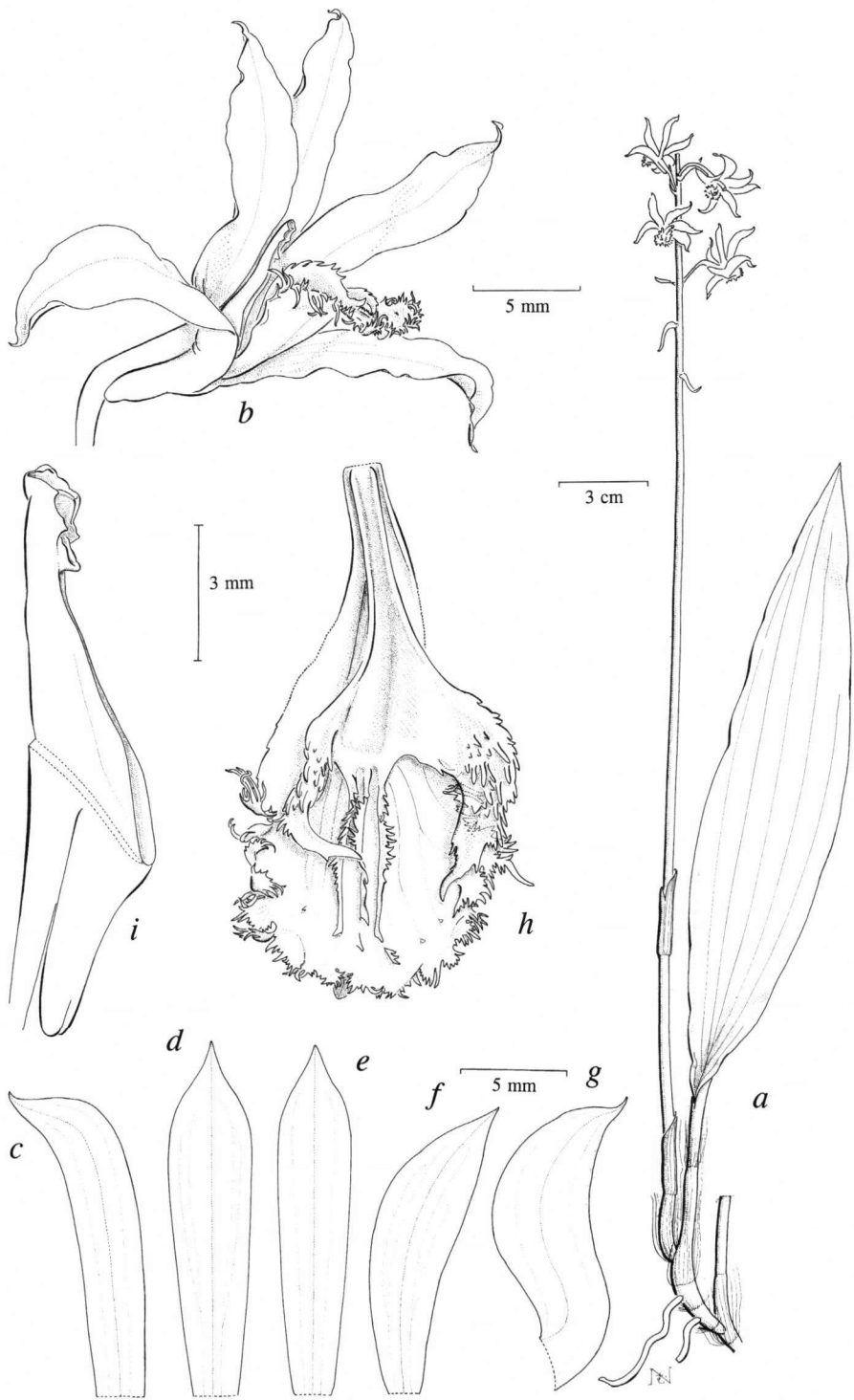


Fig. 75.

(Gagnep.) Seidenf.

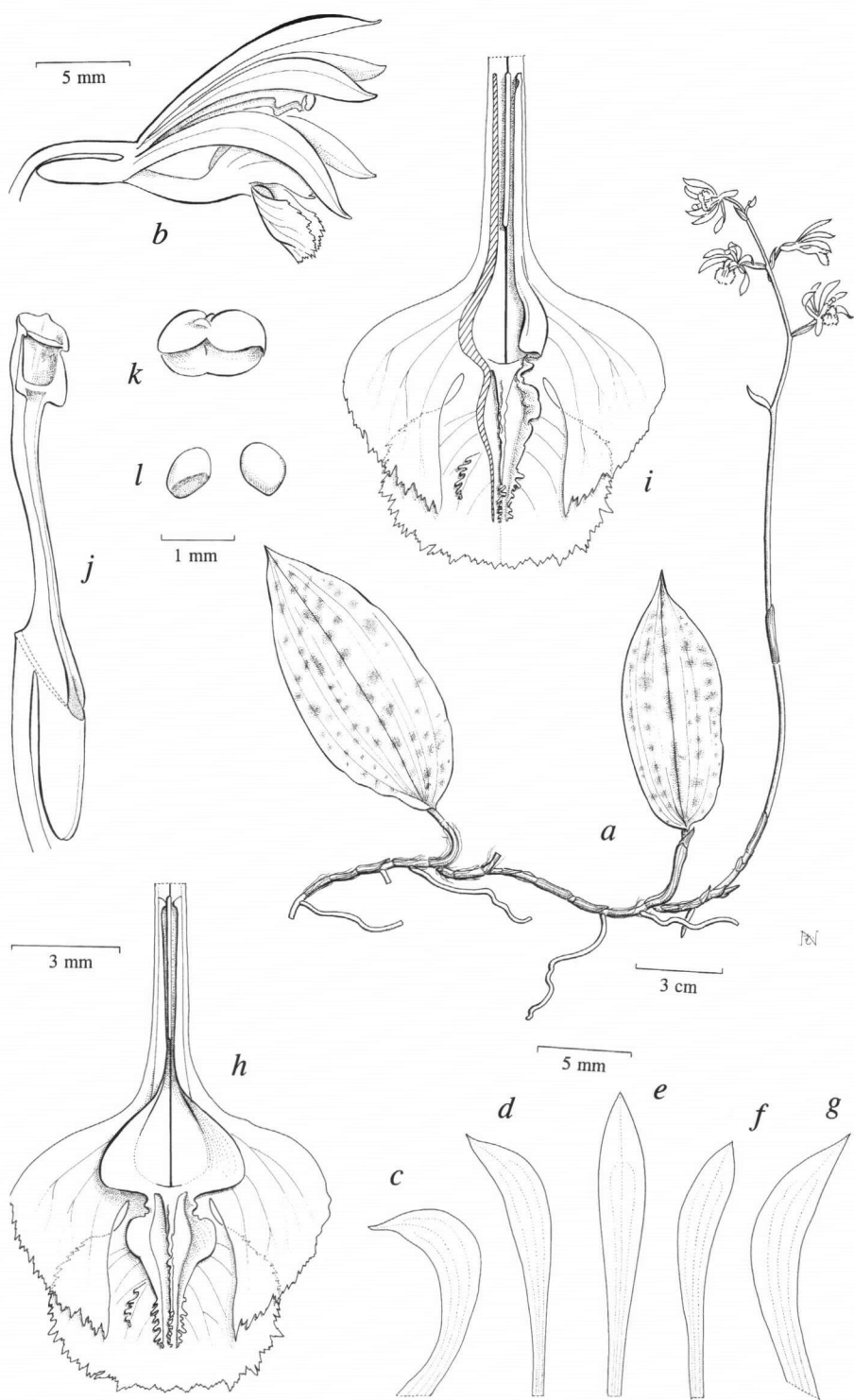


Fig. 76.

(Gagnep.) Seidenf.

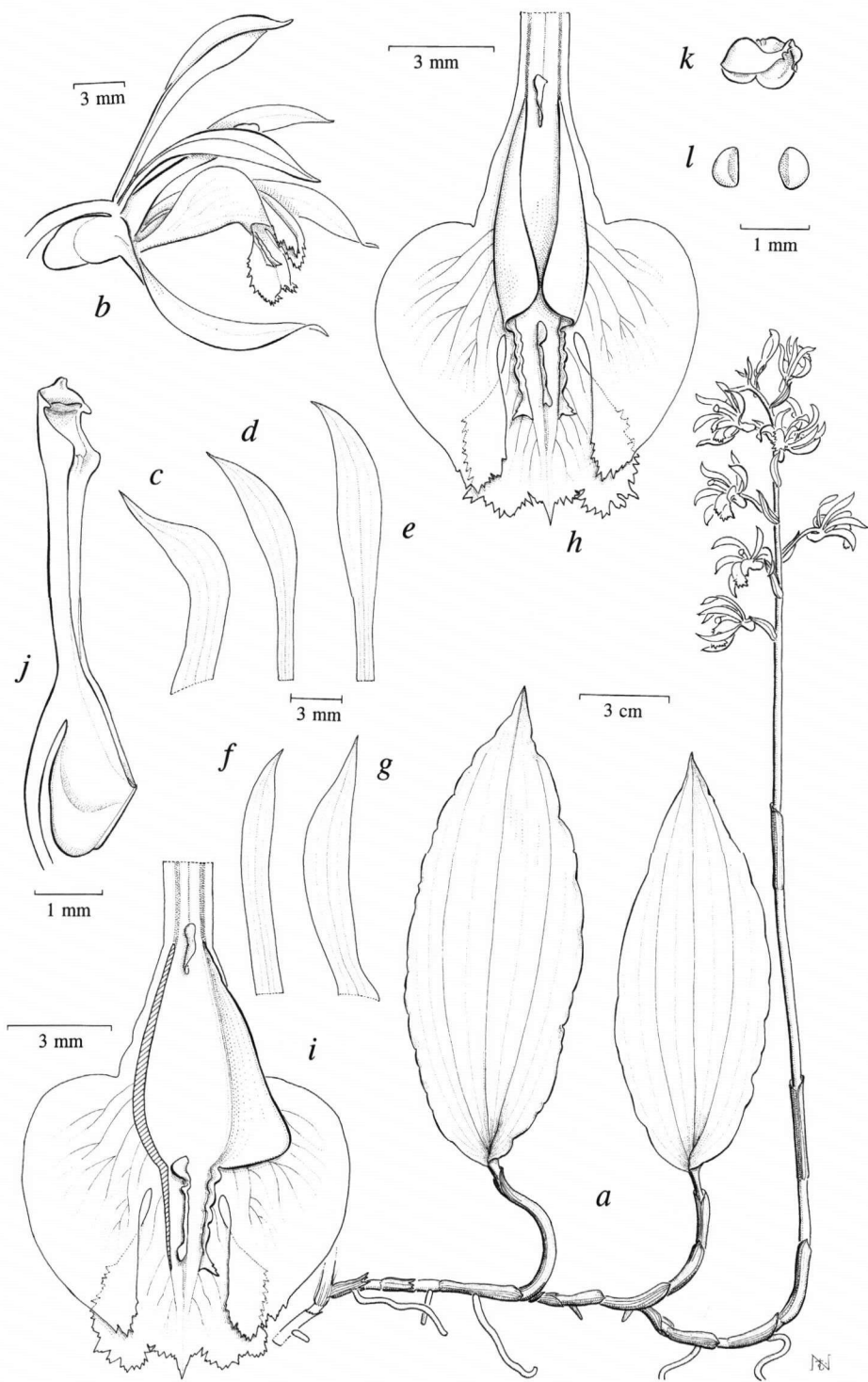


Fig. 77.

Hayata

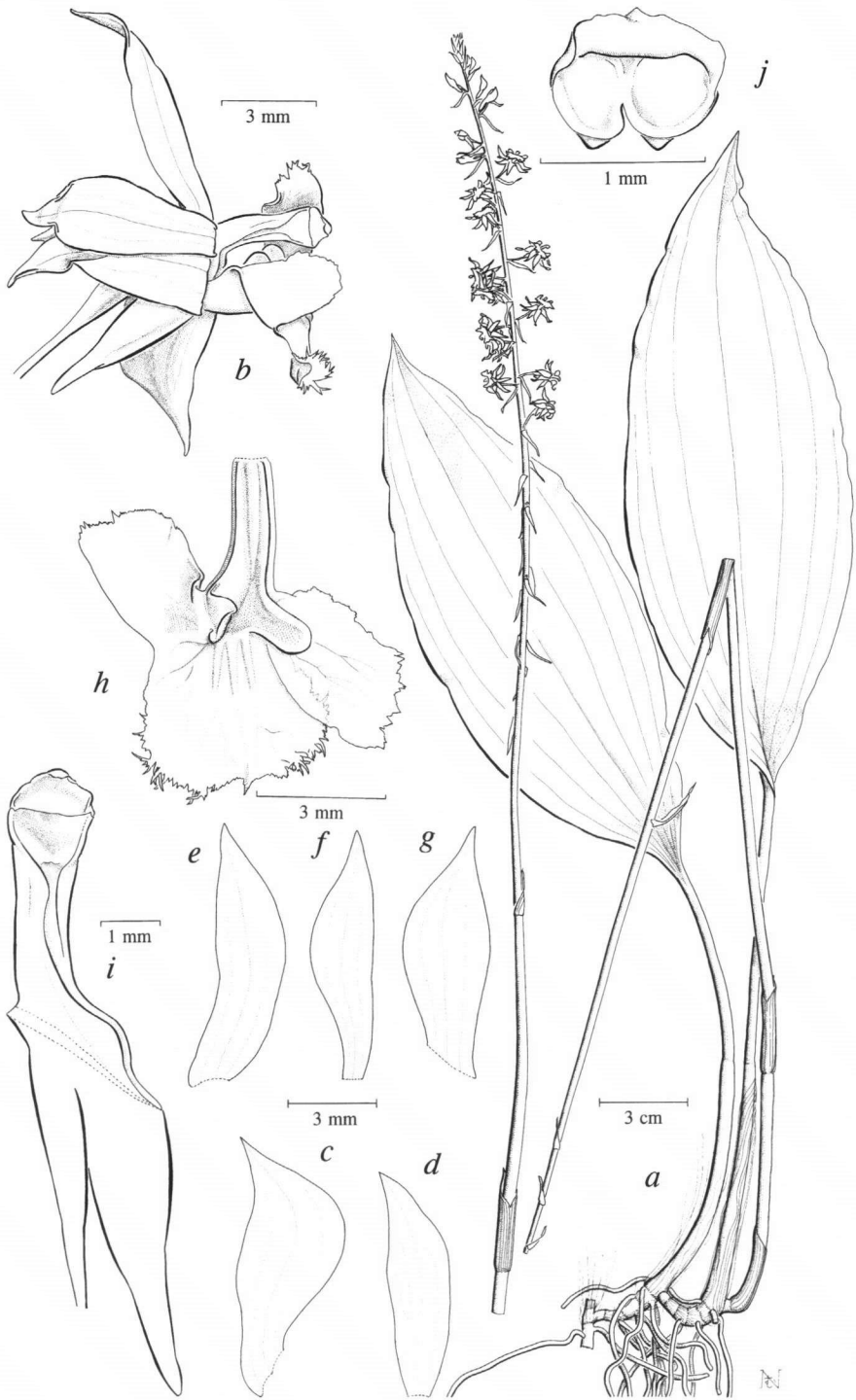


Fig. 78.

Blume

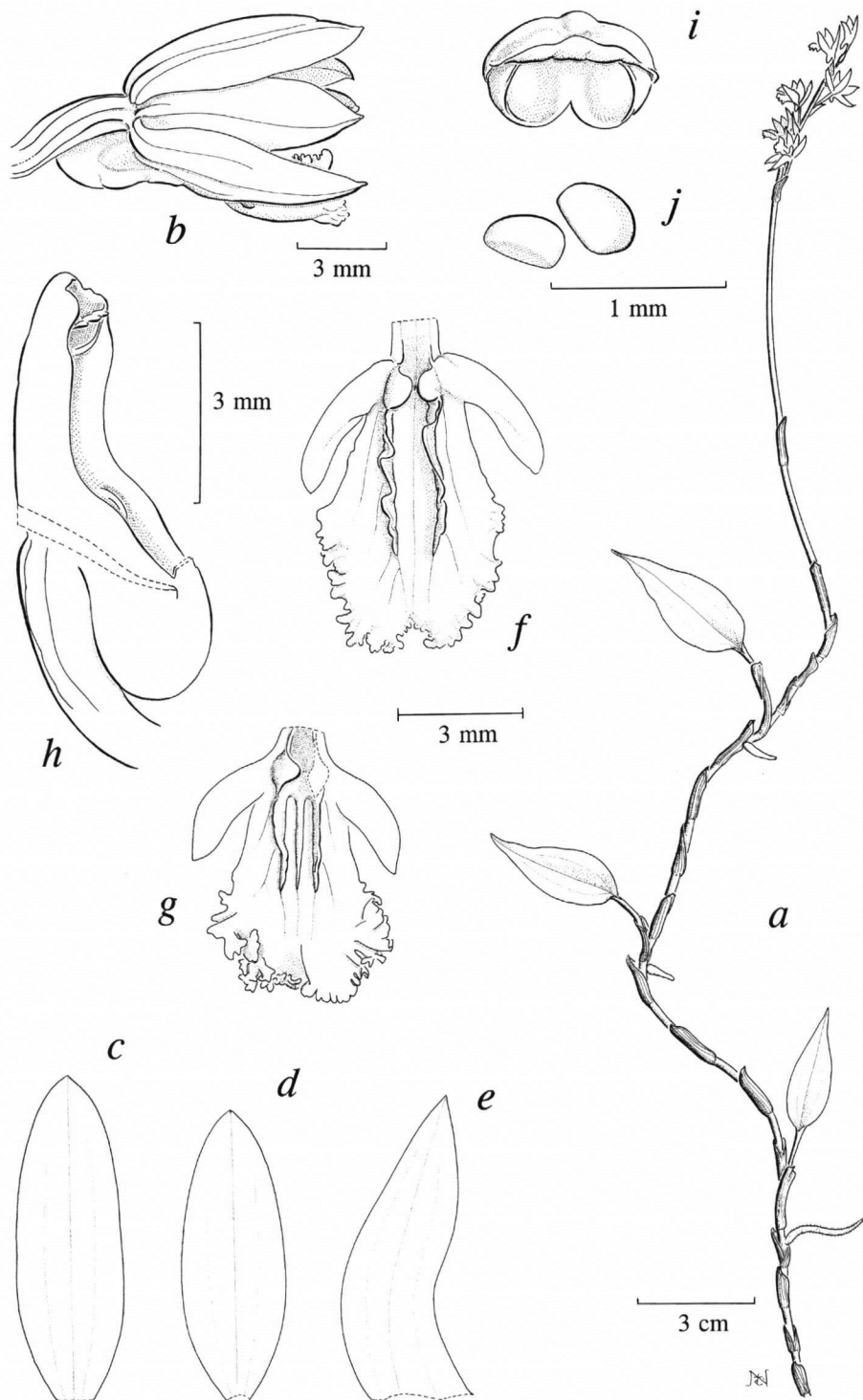


Fig. 79.

(J.J. Smith) Seidenf.

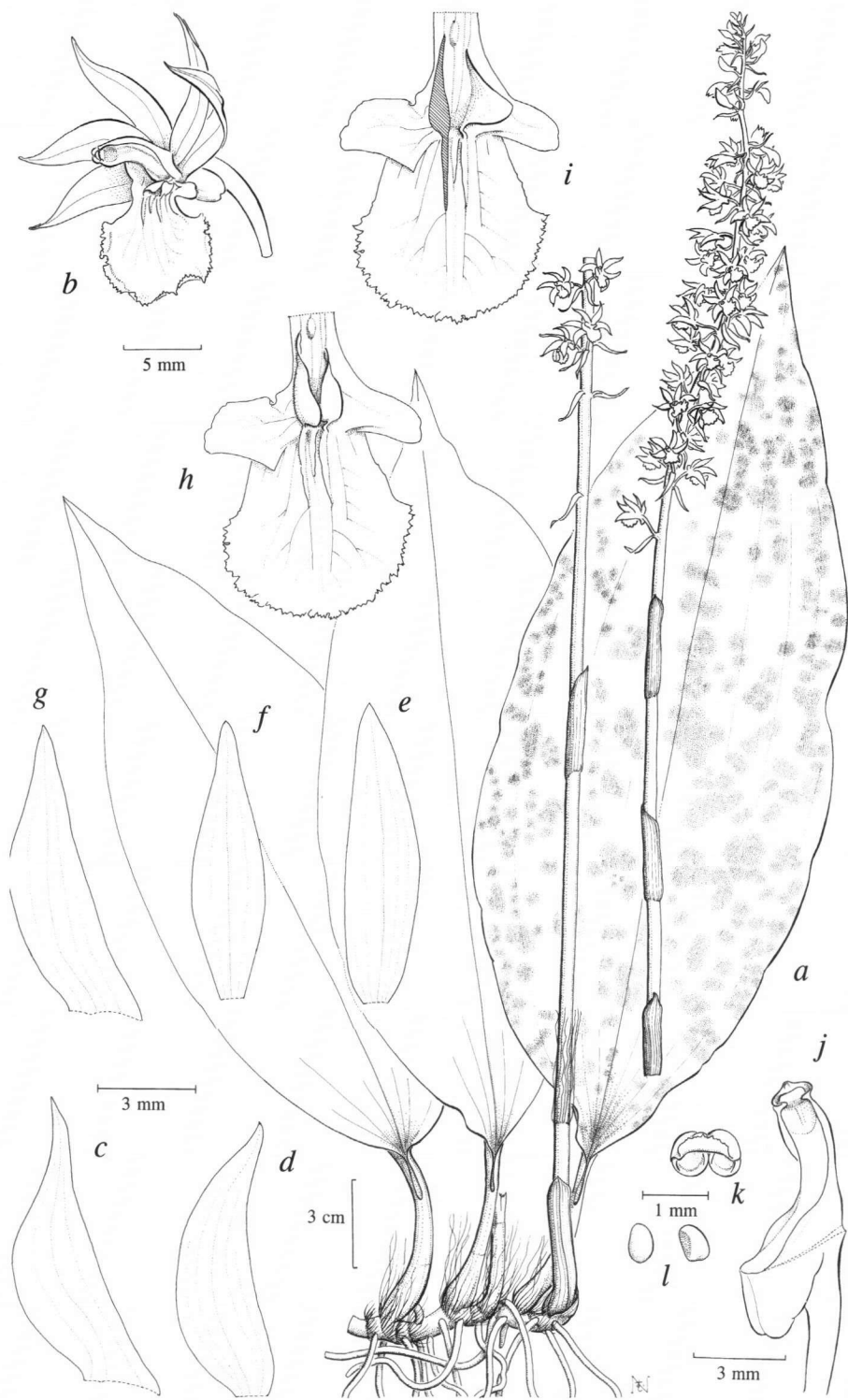


Fig. 80.

Rchb. f.

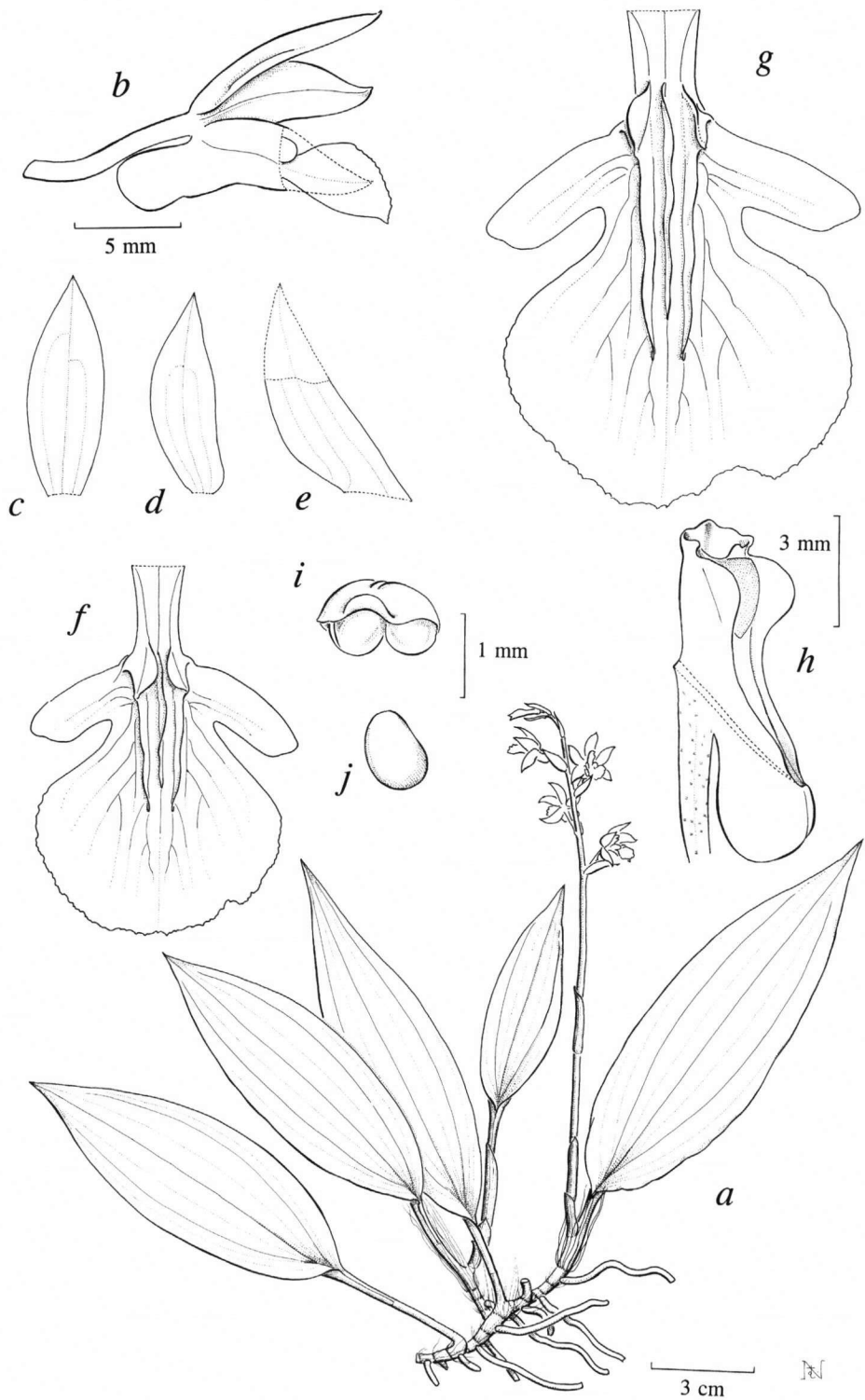


Fig. 81.

(Rchb. f.) Schltr.

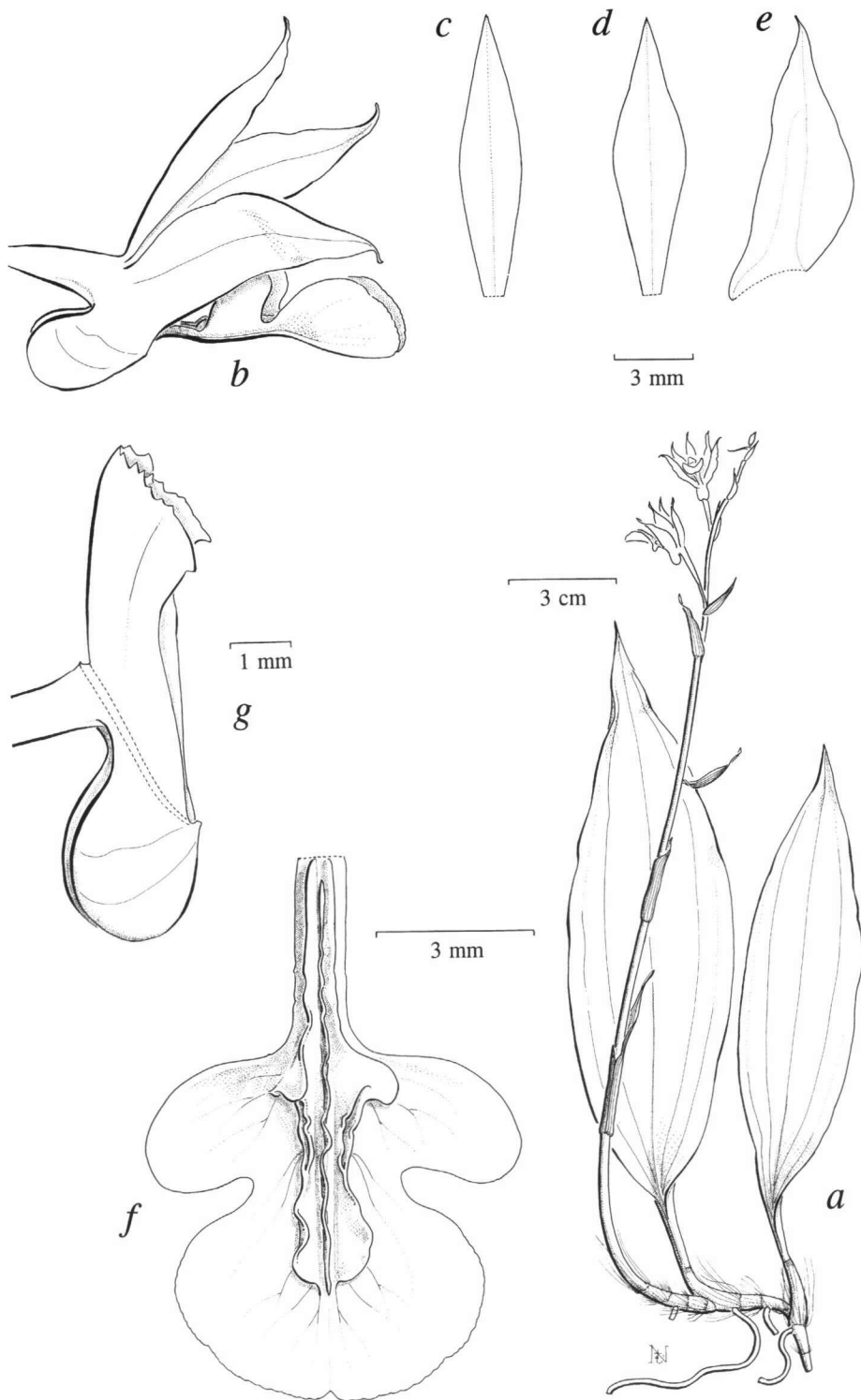


Fig. 82.

(Rchb. f.) Schltr.

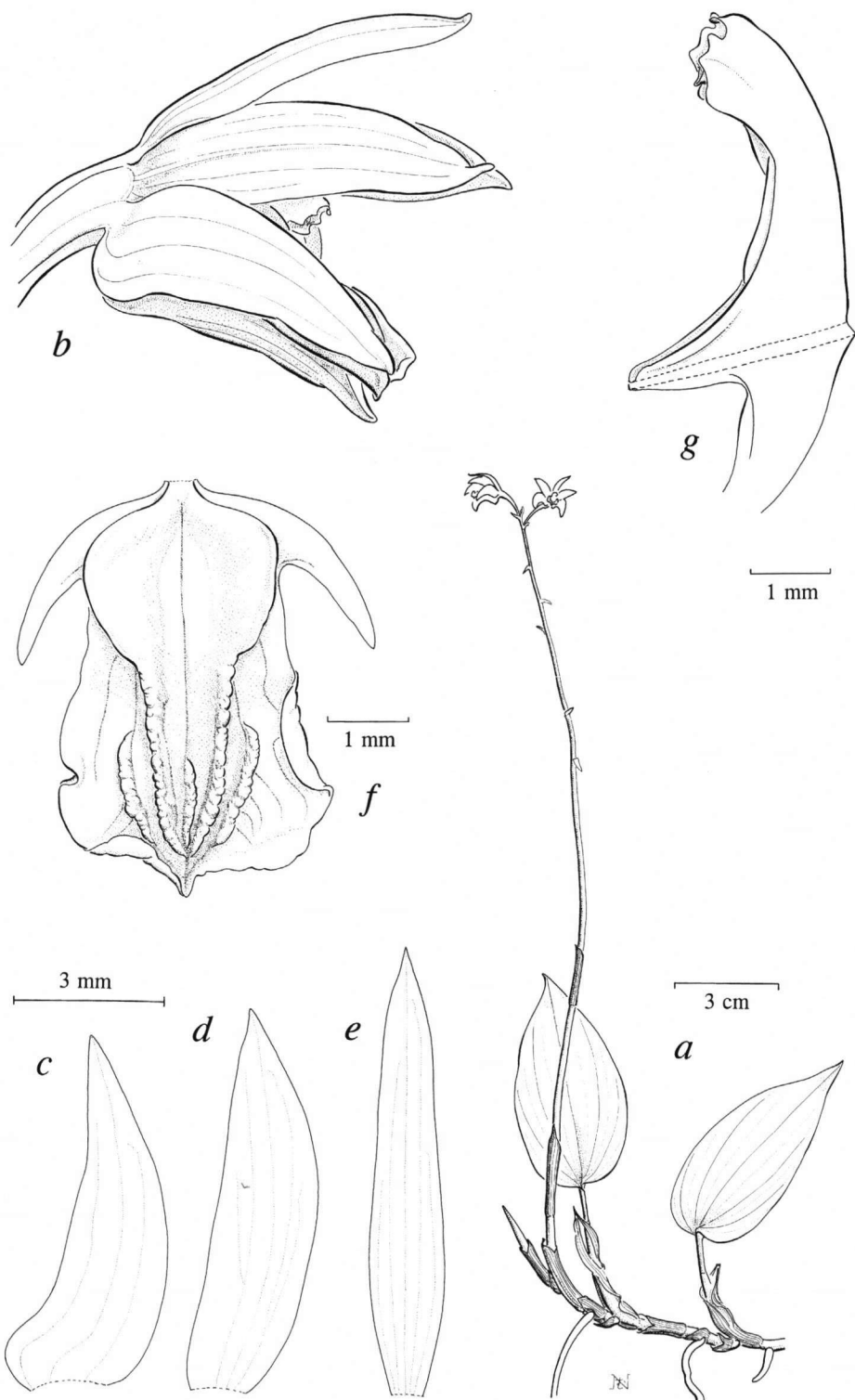


Fig. 83.

(Gagnep.) Tang & Wang

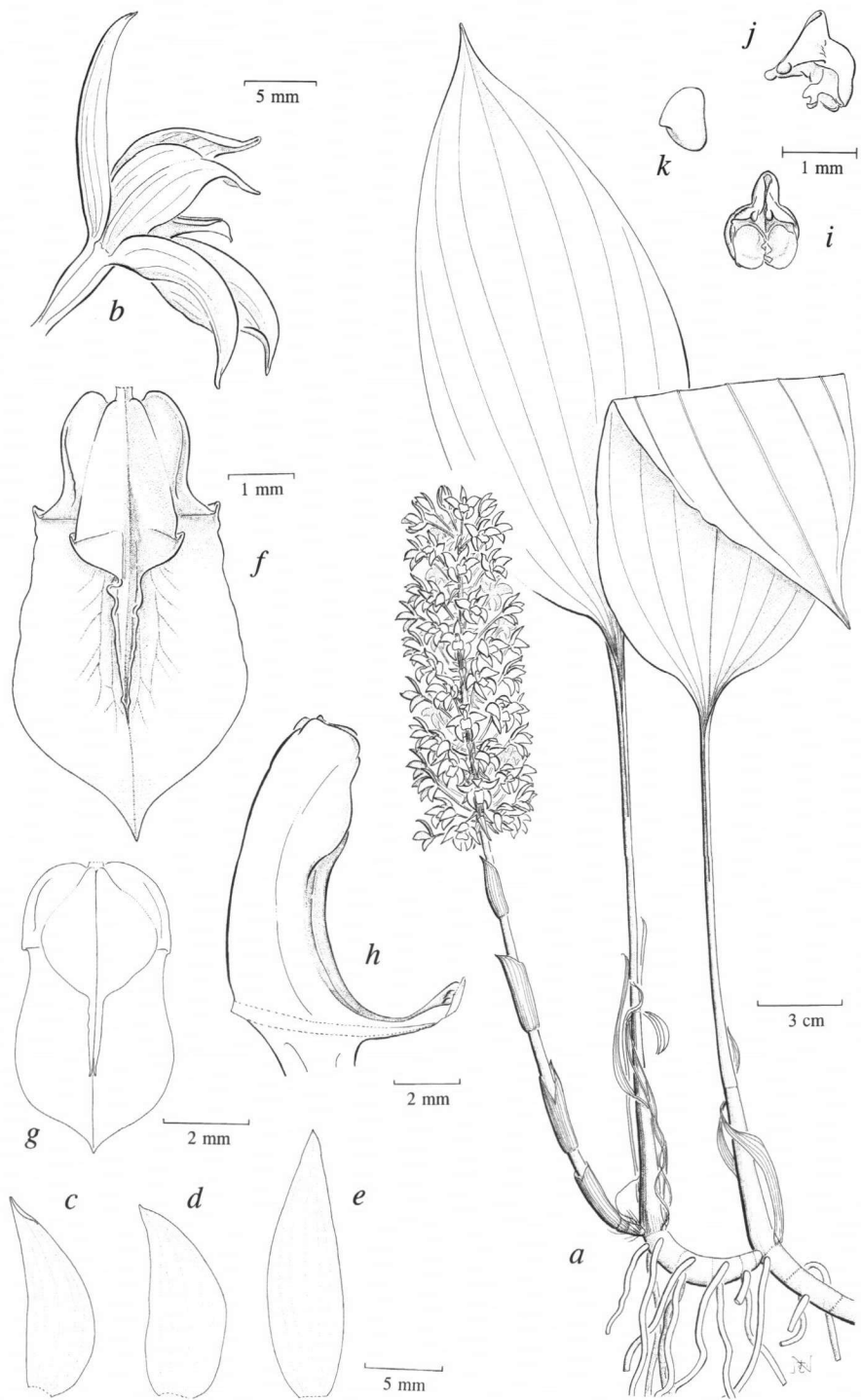


Fig. 84.

Blume

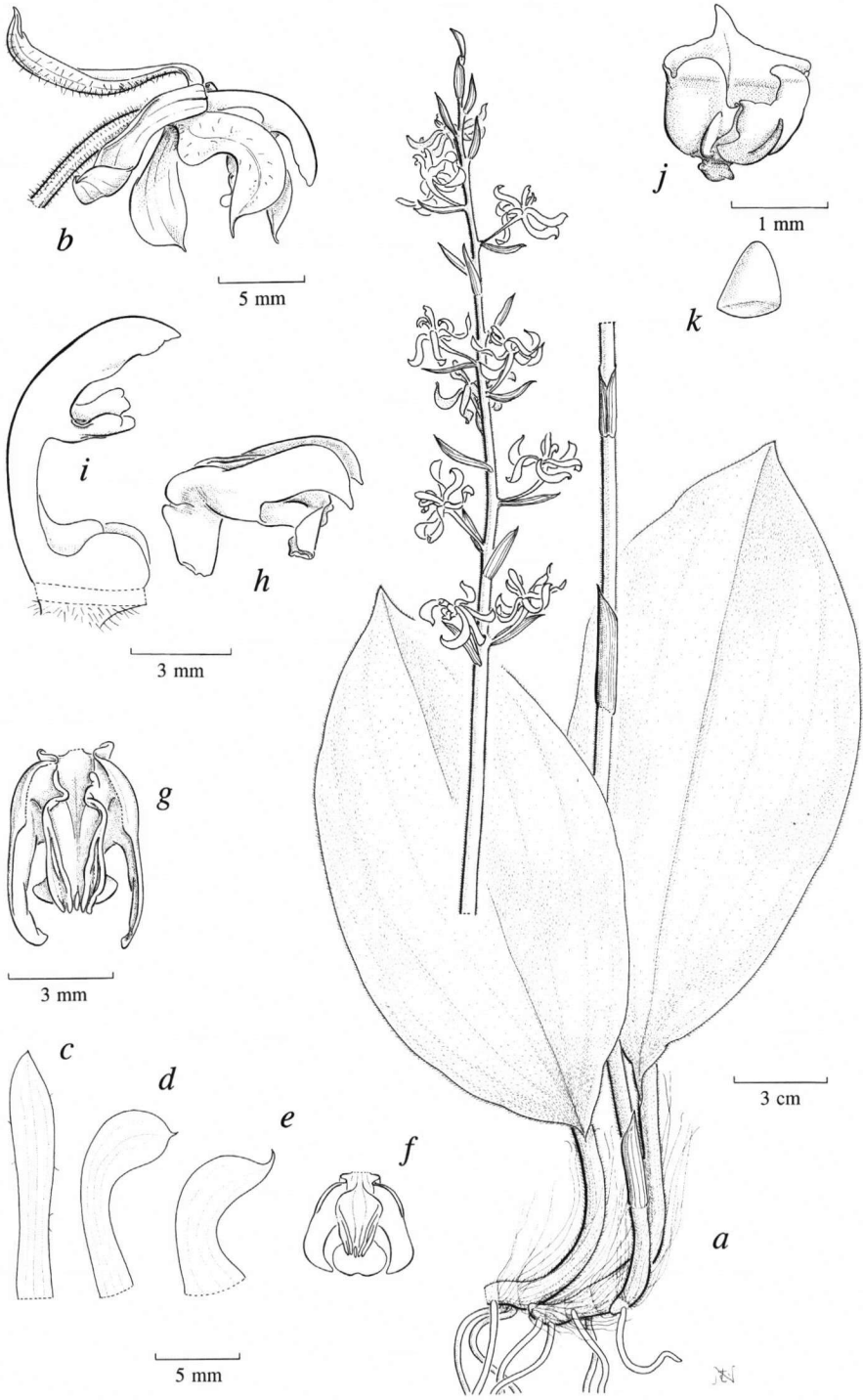


Fig. 85.

(Blume) Schltr.

INDEX

Numbers refer to page numbers; bold numbers refer to the main treatment; numbers with ° refer to pages with a distribution map, with * to pages with a line drawing; 'Pl.' with number refers to the colour plates. **Bold names** denote new taxa, *italics* are used for synonyms.

- Acanthophippium** Blume 120
bicolor Lindley 122, 236*
chrysoglossum Schltr. 134
curtisii Rchb. f. 122, 123, 237*, Pl. 5c
 var. *albidum* Linden 133, 134
curtisii auct. 126
eburneum Kraenzl. 121, 124, 238*
gougahense (Guillaumin) Seidenf. 122, 125, 132, 239*
javanicum Blume 119, 121, 122, 126, 240*, Pl. 5d
javanicum auct. 130
lilacinum J. J. Wood & C. L. Chan 122, 127, 241*
lycaste Ridley 124
mantinianum Linden & Cogn. 122, 128, 242*
odoratum Aver. 125, 126
papuanum Schltr. 130, 131
parviflorum Hassk. 122, 129, 133, 134, 243*, Pl. 6a
parviflorum auct. 133
pictum Fukuy. 133, 134
ringiflorum Griff. 132, 133
simplex Aver. 131, 132
sinense Rolfe 131, 132
sinense auct. 125
splendidum J. J. Smith 122, 130, 244*, Pl. 6b
striatum Lindley 122, 131, 132, 245*, Pl. 6c
sylhetense Lindley 122, 132, 133, 246*, Pl. 6d
 var. *pictum* (Fukuy.) Hashim. 133
thailandica Seidenf. 125
unguiculatum (Hayata) Fukuy. 131, 132
vitiense L. O. Williams 130, 131
yamamotoi Hayata 133, 134
- Acanthophippium** 119, 120
Aglossorhyncha Schltr. 2, 3, 28, 34
Agrostophyllinae 18
Agrostophyllum Blume 1, 2, 3, 5, 18, 32, 34
 sect. *Agrostophyllum* 3, 4, 5
 sect. *Appendiculopsis* Schltr. 2–6, 7, 10, 18
 sect. *Dolichodesme* Schltr. 2–5, 28
 sect. *Eu-Agrostophyllum* Schltr. 3
 sect. *Oliganthe* Schltr. 3–5
bicuspidatum J. J. Smith 14
bicuspidatum auct. 13, 14
callosum (Blume) J. J. Smith 14
callosum Rchb. f. 14
celebicum Schltr. 13, 14
confusum J. J. Smith 13
costatum J. J. Smith 9, 10
 var. *concaum* Schltr. 9
- (*Agrostophyllum*)
elongatum (Ridley) Schuit. 5, 6, 9, 10, 11, 19, 181*, 182*, Pl. 1a, b
glumaceum Hook. f. 5, 6
graminifolium Schltr. 9, 11
 'haseltiana' 11
haseltii (Blume) J. J. Smith 9, 11
 'haseltii' (Blume) Rchb. f. 9
 'haseltii' (Wight) Rchb. f. 11
haseltii Rchb. f. 9, 11
javanicum Blume 1, 3, 5, 6
laterale J. J. Smith 2, 4–8, 10, 11, 12, 18, 183*, Pl. 1c
leytense Ames 6, 8, 17, 18
palawense Schltr. 9
planicaule (Wall. ex Lindley) Rchb. f. 11
reichenbachii J. J. Smith 14
 sp. 9, 17
stipulatum (Griff.) Schltr. 6, 7, 9, 13
 subsp. *bicuspidatum* (J. J. Smith) Schuit. 13, 14, 19, 185*
 subsp. *stipulatum* 13, 14, 18, 19, 184*, Pl. 1d
sumatranum Schltr. & J. J. Smith 6, 8–10, 15, 16, 17, 19, 186*, Pl. 2a
 var. *borneense* J. J. Smith 16
trifidum Schltr. 6, 9, 15, 16, 19, 187*
'*Agrostophyllum*' 13
Ancistrochilus 120
Ania maculata Thwaites 143
Anthogonium 120
'**Appendiculopsis**' 7
Appendicula Blume 1
callosa Blume 5, 13–15, 18
callosa auct. 13
elongata Ridley 9, 11
graminifolia Teijsm. & Binnend. 9, 11
haseltii Blume 5, 9, 11, 18
haseltii auct. 9
reflexa 2
stipulata Griff. 13
torta 2
Appendiculopsis (Schltr.) Szlach. 5, 18
bicuspidata (J. J. Smith) Szlach. 19
celebica (Schltr.) Szlach. 19
confusa (J. J. Smith) Szlach. 19
costata (J. J. Smith) Szlach. 19
 var. *conca* (Schltr.) Szlach. 19
elongata (Ridley) Szlach. 19
stipulata (Griff.) Szlach. 19
sumatrana (Schltr. & J. J. Smith) Szlach. 19
trifida (Schltr.) Szlach. 19

- Arethuseae 136
Aulostylis 120
Bletia 120
Bletiinae 120, 136, 137
Bletilla 120
Bromheadia Lindley 82
 sect. *Aporodes* Schltr. 80, 81, 83, 95
 sect. *Bromheadia* 80, 81, 83
 sect. *Eu-Bromheadia* 80
 alticola Ridley 83, 84, 85, 209*
 aporoides Rchb. f. 95, 98, 99, 115, 217*
 borneensis J. J. Smith 83, 84, 86
 var. *borneensis* 85, 87, 210*
 var. *longiflora* Scheindelen & de Vogel 83,
 85, 88, 211*
 brevifolia Ridley 97, 99, 218*, Pl. 4d
 ceciliae Kruizinga 98, 101, 219*
 coomansii J. J. Smith ex Kruizinga & de Vogel
 98, 102, 102, 220*
 crassiflora J. J. Smith 83, 85, 88, 212*
 devogelii Kruizinga 98, 102, 221*
 divaricata Ames & Schweinf. 83–85, 90, 213*
 ensifolia J. J. Smith 97, 103, 222*, Pl. 5a
 falcifolia Schltr. 115
 finlaysoniana (Lindley) Miq. 81, 83–85, 90,
 214*, Pl. 4b
 gracilis Kruizinga & de Vogel 96, 97, 104, 223*
 graminea Kruizinga & de Vogel 97, 105, 224*
 grandiflora Kruizinga & de Vogel 97, 106,
 225*
 humilis Kruizinga & de Vogel 97, 107, 226*
 latifolia Kruizinga & de Vogel 97, 107, 227*
 lohaniensis Kruizinga & de Vogel 97, 108,
 228*
 longifolia Kruizinga & de Vogel 97, 109, 229*
 palustris Lindley 83, 91
 var. *papuana* J. J. Smith 83, 91, 92
 var. *sylvestris* (Ridley) Holttum 91
 pandurata Scheindelen 94
 pendek de Vogel 84, 85, 93, 215*, Pl. 4c
 philippinensis Ames & Quisumb. 83, 85, 86
 pulchra Schltr. 83, 91, 92
 pungens Ridley 98, 102, 110, 230*
 rigida Ridley 115
 robusta Kruizinga & de Vogel 97, 110, 231*
 rupestris Ridley 83–85, 90, 94, 216*
 scirpoidea Ridley 96, 97, 111, 232*
 sp. 94, 115
 srilankensis Kruizinga & de Vogel 98, 112,
 233*
 sylvestris Ridley 83, 91, 92
 tenuis J. J. Smith 96, 97, 113, 234*, Pl. 5b
 truncata Seidenf. 98, 114, 235*
 venusta Hunt 83, 91, 93
Bromheadiinae 79
Bulbophyllum 28, 137
Cadetia 28
Calanthe 120
 sect. *Caulodes* 32
 sect. *Rhodochilus* 32
 chlorantha Gagnep. 155
 gougahensis Guillaumin 125
Cephalantheropsis 120
Ceratostylis Blume 2, 34, 35
Chilopogon 1, 3
Chitonochilus 1
Chrysoglossum Blume 135–138, 139
 sect. *Collabium* J. J. Smith 136, 140
 sect. *Discoglossum* J. J. Smith 136, 140
 sect. *Euchrysoglossum* J. J. Smith 136, 140
 aneityumense Ames 164
 assamicum Hook. f. 136, 140, 247*
 bicameratum J. J. Smith 151
 chapaense (Gagnep.) Tang & Wang 158
 chloranthum (Gagnep.) Tang & Wang 155
 cyrtopetalum Schltr. 144, 145
 delavayi (Gagnep.) Tang & Wang 156
 ensigerum W. Burgh & de Vogel 140, 142, 248*
 erraticum Hook. f. 136, 143
 formosanum Hayata 144, 146
 gibbsiae Rolfe 144, 146
 hallbergii Blatter 144, 146
 latifolium (Blume) Benth. & Hook. f. 168
 macrophyllum King & Pantl. 136, 168, 170
 maculatum (Thwaites) Hook. f. 136, 143, 146
 nebulosum (Blume) J. J. Smith 160
 neocaledonicum Schltr. 144, 146
 ornatum Blume 136, 139, 140, 143, 249*, Pl. 7a
 ornatum auct. 142
 papuatum (Schltr.) J. J. Smith 164
 pumilum J. J. Smith 161
 reticulatum Carr 140, 146, 250*
 robinsonii Ridley 154
 simplex (Rchb. f.) J. J. Smith 162
 sinense Mansfeld 140, 142
 sp. *Cumberlege* & *Cumberlege* 154
 vesicatum Rchb. f. 164
 vesicatum auct. 144
 villatum 172
 villosum Blume 136, 139, 140, 171
Claderia 79
Coelogyne 25
 caulescens Griff. 91
Coelogyneinae 136
Collabiinae Pfitzer 136, 137
Collabiopsis S. S. Ying 148, 149
 formosana (Hayata) S. S. Ying 148, 158
 uraiensis (Fukuyama) S. S. Ying 158
Collabium Blume 135–138, 140, 148
 acuticalcar W. Burgh & de Vogel 149, 150,
 251*
 aneityumense (Ames) Seidenf. 164
 annamense Gagnep. 173
 assamicum (Hook. f.) Seidenf. 140

(Collabium)

- balansae* (Gagnep.) Tang & Wang 154
bicameratum (J. J. Smith) J. J. Wood 150, 151, 252*
carinatum de Vogel 149, 152, 253*
chinense (Rolfe) Tang & Wang 150, 153, 254*
chloranthum (Gagnep.) Seidenf. 149, 155, 255*
delavayi (Gagnep.) Seidenf. 149, 156, 159, 256*
formosanum Hayata 149, 150, 158, 257*
formosanum auct. 156
nebulosum Blume 148, 149, 159, 258*, Pl. 7b
papuanum (Schltr.) Schltr. 164
pumilum (J. J. Smith) Seidenf. 149, 161, 259*
simplex Rchb. f. 149, 162, 260*
uraiense Fukuyama 149, 158, 159
vesicatum (Rchb. f.) Schltr. 149, 150, 164, 261*, 262*
wrayi Hook. f. 136, 173
Corybas 51
Cryptochilus Wall. 21, 34
bicolor (J. J. Smith) J. J. Smith 21, 57
'*Cryptoglottis*' 21
Cymbidieae 79, 80, 136
Cymbidiinae 79, 80
Cymbidium 79
Cyphochilus 1, 3
Cyrtopodiinae 79, 136
Dendrobieae 135, 136
Dendrobiinae 34
Dendrobium 28, 32
sect. *Calyptrichilus* 32
sect. *Oxyglossum* 22, 28, 32
sect. *Pedilonum* 32
vexillarius J. J. Smith 31
Dendrochilum 25
Diglyphis latifolia (Blume) Miq. 168
Diglyphosa Blume 135–138, 166
celebica (Schltr.) Schltr. 168, 169
elmeri Ames 168, 169
evrardii (Gagnep.) Tang & Wang 166, 167, 263*
latifolia Blume 166, 168, 264*, Pl. 7d
var. *celebica* Schltr. 168
macrophylla (King & Pantl.) King & Pantl. 168, 169, 170
Dilochia rigida (Ridley) J. J. Wood 115
Diplocaulobium 28
Earina Lindley 2, 3, 18, 34
Eleorchis 120
Epiblastus Schltr. 2, 22, 28, 31–35
 sciadanthus (F. Muell.) Schltr. 21
Epidendreae 135, 136
Epidendroideae 28, 136
Eria Lindley 22, 28, 34
sect. *Conchidium* 34
sect. *Lycastiformes* Kraenzl. 21, 22, 38
sect. *Ornithidiiformes* Kraenzl. 22, 38
agathodaemonis (J. J. Smith) Kraenzl. 40

(Eria)

- bifolia* (J. J. Smith) Kraenzl. 45
bulbophylloides C. Schweinf. 34
igneae Rchb. f. 34
karykouyensis Schltr. 34
ornithidioides Kraenzl. 21
'*ornithoides*' Kraenzl. 21
paradoxa Kraenzl. 21, 38, 54
tunensis Kraenzl. 57
versteegii (J. J. Smith) Kraenzl. 66
Eriinae 2, 31, 34
Eulophia 136
Eulophiinae 80
Gastrochis 120
Giulianetia Rolfe 2, 34
Glomera Blume 1, 2, 3, 32, 34
Glomerinae 1, 2, 3, 18, 34
Glossorhyncha Ridley 2, 28, 34
Grammatophyllum 79, 83
finlaysonianum Lindley 83, 91
Hancockia Rolfe 136, 137, 138
Hexalectris 120
Ipsea 120
Ischnocentrum Schltr. 2, 34
Malaxideae 135
Mediocalcar J. J. Smith 2, 21, 29°, 38
sect. *Brevicalcar* J. J. Smith 36, 38
sect. *Epicalcar* Schltr. 36, 38
sect. *Eu-Mediocalcar* Schltr. 36, 38
sect. *Eumediocalcar* J. J. Smith 36
sect. *Microcalcar* Schltr. 36, 38
abbreviatum Schltr. 66
abbreviatum auct. 52, 64
agathodaemonis J. J. Smith 27–31, 35, 38, 40, 41°, 42, 47, 62, 70, 72, 188*, Pl. 2b
albiccoccineum P. Royen 45
alpinum J. J. Smith 26, 41, 43
var. *spathipetalum* J. J. Smith 41
alpinum auct. 69
angustifolium Gilli 45
angustifolium Schltr. 66
angustum J. J. Smith 45, 47
arfakense J. J. Smith 25, 28–32, 39, 43, 44°, 189*
bicolor J. J. Smith 21, 38, 57, 59
bifolium J. J. Smith 24–26, 28, 30–32, 35, 39, 40, 42, 45, 46°, 190*, Pl. 2c
var. *validum* J. J. Smith 41
brachygenium Schltr. 71
brevissaccatum Schltr. 45, 47
bulbophylloides J. J. Smith 28, 30, 40, 47, 48°, 191*
cluniforme J. J. Smith, 67
compressicalcar J. J. Smith 45
congustum Schuit. 28, 30, 39, 40, 49, 60°, 192*
conicum J. J. Smith 56
crassifolium J. J. Smith 59, 61

(Mediocalcar)

- crenulatum J.J. Smith 24, 25, 28–31, 40, 48°, 49, 193*
decoratum Schuit. 23–28, 30–33, 39, 51°, 63, 194*, Pl. 2d
dependens J.J. Smith 41
diphyllum Schltr. 45
doctersii J.J. Smith 66
erectum Schltr. 45
erectum auct. 51
ericiflorum Schltr. 56, 57
filopedunculatum Gilli 45
geniculatum J.J. Smith 24, 25, 29, 31, 32, 40, 50, 52, 53°, 195*
kaniense Schltr. 57
latifolium Schltr. 28, 56
lawesii Schltr. 21, 68, 69
longipes Ridley 45, 47
luteococcineum Schltr. 41
minjense P. Royen 41
montanum Ridley 45, 47
monticola Schltr. 45
papuanum Rogers 43, 72
paradoxum (Kraenzl.) Schltr. 21, 22, 36, 40, 54
 subsp. *latifolium* (Schltr.) Schuit. 24–26, 29, 54, 56, 57°, 197*, Pl. 3a
 subsp. paradoxum 29, 30, 50, 54, 55°, 196*
 subsp. *robustum* (Schltr.) Schuit. 28, 29, 38, 44, 54, 57, 58°, 198*
ponapense Schltr. 57
pygmaeum Schltr. 23–25, 28–30, 38, 40, 59, 60°, 62, 199*
 var. *altigenum* Schltr. 59
retusum J.J. Smith 45
rigidulum Schltr. 64, 65
robustum Schltr. 57, 59
selebicum J.J. Smith 57, 59
sepikanum Schltr. 28, 64
seranicum J.J. Smith 69, 70
sigmoideum Schltr. 59, 61
sp. 72
stenopetalum Schltr. 57
stevenscoodei P. Royen 24, 25, 29, 30, 40, 53°, 61, 200*
subteres Schuit. 25, 26, 29, 39, 60°, 62, 201*, Pl. 3b
ternatense J.J. Smith 57
umboiense Schuit. 28, 32, 39, 48°, 52, 63, 202*
uniflorum Schltr. 24–26, 28–31, 40, 64, 65°, 203*, Pl. 3c
 var. *orientale* Schltr. 64
vanikoreense Ames 54
versteegii J.J. Smith 21, 22, 25, 30, 35, 36, 39, 40, 65, 66

(Mediocalcar versteegii)

- subsp. *amphigeneum* Schuit. 29, 66, 68°, 206*
subsp. *intermedium* Schuit. 24, 26, 28, 29, 31, 43, 66, 68°, 69, 207*, Pl. 4a
subsp. *versteegii* 26, 29, 66, 67°, 204*, 205*, Pl. 3d
subsp. *vulcanicum* Schuit. 29, 66, 68°, 70, 208*
viridicoccineum P. Royen 61
Mischobulbum Schltr. 136, 137, 138
Monandrae 120
Nephelaphyllum Blume 136, 137, 138
chinense Rolfe 154
papuanum Schltr. 164
Pachystoma 120
Pedilochilus 28
Phaius 120
Phajinae 120, 136
Pilophyllum Schltr. 135–138, 140, 170
 villosum (Blume) Schltr. 171, 265*, Pl. 7c
Pleurothalleae 135
Pleurothallis lilacina Lindley 27
Poaephyllum 1, 2, 3, 12
 hansenii J.J. Wood 2, 11
 trilobum J.J. Smith 2
Podochilinae 1, 2, 3, 5, 18, 34
Podochilus 1, 3
 callosus (Blume) Schltr. 14
 hasseltii (Blume) Schltr. 9
Polystachya 79
Polystachyae 79
Polystachyinae 79
Porpax Lindley 31, 34, 35
Restrepia elegans Karst. 27
Sarcostoma Blume 34
Sepalosiphon Schltr. 2, 34
Spathoglottis 120
Stolzia Schltr. 34
Tainia Blume 120, 136, 137, 138
 balansae Gagnep. 154
 chapaensis Gagnep. 158
 chinensis (Rolfe) Gagnep. 154
 delavayi Gagnep. 156
 evrardii Gagnep. 167
 maculata (Thwaites) Hook. f. 143
 papua (Schltr.) Gagnep. 164
 unguiculata Hayata 131
Thecostele alata (Rchb. f.) Par. & Rchb. f. 136, 173
Thunia 79
Thuniinae 79
Vandae 120, 136
Vandoideae 136

LEGENDS TO THE PLATES

Plate 1

- a. *Agrostophyllum elongatum* (Ridley) Schuit. Schuiteman, Mulder & Vogel 56, in situ. Papua New Guinea (Lake Kutubu). Photograph A. Schuiteman (collection Rijksherbarium, Leiden).
- b. *Agrostophyllum elongatum* (Ridley) Schuit. Leiden cult. (Schuiteman, Mulder & Vogel) 32276, from Papua New Guinea. Photograph A. Schuiteman (collection Rijksherbarium, Leiden).
- c. *Agrostophyllum laterale* J.J. Smith. Leiden cult. (Schuiteman, Mulder & Vogel) 933059, from Borneo, Sarawak. Photograph A. Schuiteman (collection Rijksherbarium, Leiden).
- d. *Agrostophyllum stipulatum* (Griff.) Schltr. subsp. *stipulatum*. Leiden cult. (de Vogel) 914700, from Borneo, Sarawak. Photograph A. Schuiteman (collection Rijksherbarium, Leiden).

Plate 2

- a. *Agrostophyllum sumatranum* Schltr. & J.J. Smith. Leiden cult. (Schuiteman, Mulder & Vogel) 933197, from Borneo, Sarawak. Photograph A. Schuiteman (collection Rijksherbarium, Leiden).
- b. *Mediocalcar agathodaemonis* J.J. Smith. Schuiteman, Mulder & Vogel 56, in situ, Papua New Guinea (Mt Kerewa). Photograph A. Schuiteman (collection Rijksherbarium, Leiden).
- c. *Mediocalcar bifolium* J.J. Smith. Reeve s.n., from Papua New Guinea. Photograph T.M. Reeve (copy in collection Rijksherbarium, Leiden).
- d. *Mediocalcar decoratum* Schuit. Leiden cult. (Jongejan) 30425, from Papua New Guinea. Photograph A. Schuiteman (collection Rijksherbarium, Leiden).

Plate 3

- a. *Mediocalcar paradoxum* (Kraenzl.) Schltr. subsp. *latifolium* (Schltr.) Schuit. Reeve 753, from Papua New Guinea. Photograph A. Schuiteman (collection A. Schuiteman).
- b. *Mediocalcar subteres* Schuit. Reeve 751, from Papua New Guinea. Photograph A. Schuiteman (collection A. Schuiteman).
- c. *Mediocalcar uniflorum* Schltr. Schuiteman 3, from Papua New Guinea. Photograph A. Schuiteman (collection A. Schuiteman).
- d. *Mediocalcar versteegii* J.J. Smith subsp. *versteegii*. Edinburgh cult. (Woods) 63419, from Papua New Guinea. Photograph Royal Botanic Garden, Edinburgh (copy in collection Rijksherbarium, Leiden).

Plate 4

- a. *Mediocalcar versteegii* J.J. Smith subsp. *intermedium* Schuit. Reeve 758, from Papua New Guinea. Photograph A. Schuiteman (collection A. Schuiteman).
- b. *Bromheadia finlaysoniana* (Lindley) Miq. Leiden cult. 25842 from unknown origin. Photograph J. Meijvogel (collection J. Meijvogel).
- c. *Bromheadia pendek* de Vogel. Leiden cult. (Wong) 27862, from Borneo, Brunei. Photograph B. Kieft (collection Rijksherbarium, Leiden).
- d. *Bromheadia brevifolia* Ridley. Leiden cult. (de Vogel) 914176, from Borneo, Sarawak. Photograph J. Meijvogel (collection J. Meijvogel).

Plate 5

- a. *Bromheadia ensifolia* J.J. Smith. Leiden cult. (de Vogel) 914912, from Borneo, Brunei. Photograph B. Kieft (collection Rijksherbarium, Leiden).
- b. *Bromheadia tenuis* J.J. Smith. Leiden cult. (de Vogel) 914310, from Borneo, Sarawak. Photograph B. Kieft (collection Rijksherbarium, Leiden).
- c. *Acanthephippium curtisii* Rchb. f. From Borneo, Sabah. Photograph S. Collenette (collection Royal Botanic Gardens, Kew).
- d. *Acanthephippium javanicum* Blume. From Borneo, Sabah. Photograph P. Cribb (collection Royal Botanic Gardens, Kew).

Plate 6

- a. *Acanthephippium parviflorum* Hassk. From plant cultivated in Cibodas Botanical Garden, Java. Photograph J. Comber (collection Royal Botanic Gardens, Kew).
- b. *Acanthephippium splendidum* J.J. Smith. From Papua New Guinea. Photographer not recorded (collection Royal Botanic Gardens, Kew).
- c. *Acanthephippium striatum* Lindley. Photograph P. Cribb (collection Royal Botanic Gardens, Kew).
- d. *Acanthephippium sylhetense* Lindley. Photograph P. Cribb (collection Royal Botanic Gardens, Kew).

Plate 7

- a. *Chrysoglossum ornatum* Blume. Leiden cult. (Vogel, Roelfsema & van Balgooy) 960235, from Peninsular Malaysia. Photograph A. Vogel (collection A. Vogel).
- b. *Collabium nebulosum* Blume. From West Java. Photograph J. Comber (copy in collection Rijksherbarium, Leiden).
- c. *Pilophyllum villosum* (Blume) Schltr. From East Java. Photograph J. Comber (copy in collection Rijksherbarium, Leiden).
- d. *Diglyphosa latifolia* Blume. From East Java. Photograph J. Comber (copy in collection Rijksherbarium, Leiden).



a. (Ridley) Schuit.



b. (Ridley) Schuit.



c. J. J. Smith



d. (Griff.) Schltr. subsp.



a. J.J. Smith

Schltr. &



b.

J.J. Smith



c.

J.J. Smith



d.

Schuit.



a. subsp. (Kraenzl.) Schltr.
(Schltr.) Schuit.



b. Schuit.



c. Schltr.



d. subsp. J.J. Smith



a. J.J. Smith
subsp. Schuit.



b. (Lindley) Miq.



c. de Vogel



d. Ridley



a.

J.J. Smith



b.

J.J. Smith



c.

Rchb. f.



d.

Blume



a. Hassk.



b. J.J. Smith



c. Lindley



d. Lindley



a.

Blume



b.

Blume



c.

(Blume) Schltr.



d.

Blume