

LEGENDS TO THE FIGURES

Fig. 1. *Coelogyne acutilabium* de Vogel. a. Inflorescence; b. flower; c. median sepal; d. lateral sepal; e. petal; f. lip; g. column (a–g: Bogor, cult. Hort. (from Sander & Co, St. Albans) s.n.; reconstruction from herbarium).

Fig. 2. *Coelogyne bruneiensis* de Vogel. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column; g. anther; h. pollinia (a–h: Leiden, cult. Hort. (de Vogel) 27697; a: alive; b–h: from spirit).

Fig. 3. *Coelogyne buennemeyeri* J.J. Smith. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column, front view (a–f: Bünnemeijer 5225 and 5500; reconstruction from herbarium).

Fig. 4. *Coelogyne dayana* Reichb. f. a. Plant; b. cross section through pseudobulb; c. median sepal; d. lateral sepal; e. petal; f. lip; g. column; h. anther; i. pollinia (a–j: Beaman s.n., III 1984; alive).

Fig. 5. *Coelogyne distans* J.J. Smith. a. Plant; b. median sepal, c. lateral sepal; d. petal; e. lip; f. column (a: Chin See Chung 2643; b–f: Bogor, cult. Hort. s.n., 1868; all from herbarium).

Fig. 6. *Coelogyne echinolabium* de Vogel. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column (a: Clemens 21639; b–f: Beccari s.n., 1868; all from herbarium).

Fig. 7. *Coelogyne hirtella* J.J. Smith. a. Plant; b. cross section through pseudobulb; c. median sepal; d. lateral sepal, with detail of top; e. petal; f. lip; g–i. column; j. cross section through ovary (a–j: C.L. Chan & M.Y. Wong s.n; alive).

Fig. 8. *Coelogyne judithiae* Taylor. a. Plant; b. young shoot with inflorescence; c. median sepal; d. lateral sepal, e. petal; f. lip; g. column (a–g: Jackman s.n., 1968; a: from slide, b: reconstruction from slide and spirit, c–g: spirit).

Fig. 9. *Coelogyne kaliانا* Cribb. a. Plant; b. flower; c. median sepal; d. lateral sepal; e. petal; f. lip, with detail of keels on the epichilium; g. column (a: van Balgooy 2053, reconstruction from herbarium and slide; b–g: Cribb 30, spirit).

Fig. 10. *Coelogyne latiloba* de Vogel. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column (a–f: Collenette A30; reconstruction from drawing and herbarium).

Fig. 11. *Coelogyne longibulbosa* Ames & C. Schweinf. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column (a–f: de Vogel 8485; from herbarium).

Fig. 12. *Coelogyne moultonii* J.J. Smith. a. Plant; b. bract; c. median sepal; d. lateral sepal; e. petal, f. lip; g. column; h. cross section through ovary; i. & j. anther; k. pollinia (a–k: Chan s.n.; alive).

Fig. 13. *Coelogyne odoardi* Schltr. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. detail of keel in back of lip; g. column; h. cross section through ovary; i. anther; j. pollinia (a–j: Lamb AL 906/88; from herbarium).

Fig. 14. *Coelogyne pholidotoides* J.J. Smith. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column; g. anther; h. pollinia (a: Lamb & Chan 602/86; b–h: Leiden, cult. Hort. (de Vogel) 27628; from spirit material).

Fig. 15. *Coelogyne radioferens* Ames & C. Schweinf. a. Plant; b. rhizome with pseudobulbs; c. cross section through pseudobulbs; d. median sepal; e. lateral sepal; f. petal; g. lip; h. & i. column; j. cross section through ovary; k. anther; l. pollinia (a–l: Beaman 7890; alive).

Fig. 16. *Coelogyne reflexa* J.J. Wood & C.L.Chan. a. Plant; b. cross section through pseudobulb; c. median sepal; d. lateral sepal; e. petal; f. lip and column, lateral view; g. & h. lip; i. & j. column; k. pollinia; l. cross section through ovary (a–l: Beaman 9047; alive).

Fig. 17. *Coelogyne rhabdombulbon* Schltr. a. Plant; b. pseudobulbs and inflorescence; c. cross section through pseudobulb; d. median sepal; e. lateral sepal; f. petal; g. lip; h. column; i. cross section through ovary (a–i: Chan s.n.; alive).

Fig. 18. *Coelogyne rochussenii* de Vriese. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column (a: TOC, cult. Hort. s.n., alive; b–f: Leiden, cult. Hort. 22096, spirit).

Fig. 19. *Coelogyne rupicola* Carr. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column; g. anther; h. pollinia (a: SF (Carr) 27793 in P; b–h: SF (Carr) 27793 in K; all from herbarium).

Fig. 20. *Coelogyne swaniana* Rolfe. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip; f. column; g. cross section through ovary; h. anther; i. pollinia (a–i: Chan S1/86, alive).

Fig. 21. *Coelogyne testacea* Lindley. a. Plant; b. median sepal; c. lateral sepal; d. petal; e. lip, with detail of keels on the epichilium; f. column (a–f: specimen unknown).

Fig. 22. *Coelogyne tomentosa* Lindley. a. Plant; b. pseudobulbs and inflorescence; c. median sepal; d. lateral sepal; e. petal; f. lip; g. column (a–g: Leiden, cult. Hort. 27056; plant alive, inflorescence and flowers in spirit).

Fig. 23. *Coelogyne velutina* de Vogel. a. Plant; b. pseudobulbs and inflorescence; c. flower; d. median sepal; e. lateral sepal; f. petal; g. lip, with detail of keels on the epichilium; h. lip, natural shape; i. column (a–i: Leiden, cult. Hort. 25835; plant alive, inflorescence and flowers in spirit).

Fig. 24. *Coelogyne venusta* Rolfe. a. Plant; b. cross section through pseudobulb; c. median sepal; d. lateral sepal; e. petal; f. lip; g. column; h. cross section through ovary; i. anther; j. pollinia (a–j: Chan 55/83, alive).

Fig. 25. *Ania angustifolia* Lindley. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Sørensen, Larsen & Hansen DB 5044 & 5169).

Fig. 26. *Ania borneensis* (Rolfe) Senghas. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. column; g. anther cap and two pollinia (a–g: Gibbs 3958).

Fig. 27. *Ania elmeri* (Ames) A. Hawkes ex Senghas. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap and one pollinium (a–h: Vanoverbergh 102).

Fig. 28. *Ania hongkongensis* (Rolfe) Tang & Wang. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. & g. lip; h. column; i. anther cap (a–f, h–i: Barretto 309; g: Wright 522).

Fig. 29. *Ania penangiiana* (Hook. f.) Summerh. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: How & Chun 70182).

Fig. 30. *Ania ponggolensis* A. Lamb in H. Turner. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column (a–g: Lamb 204/84).

Fig. 31. *Ania ruybarrettoi* S. Y. Hu & Barretto. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Hu 13098A).

Fig. 32. *Ania viridifusca* (Hook.) Tang & Wang ex Summerh. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. & i. anther cap, lateral and ventral view (a–i: Hennipman 3578).

Fig. 33. *Hancockia uniflora* Rolfe. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column and spur; h. anther cap (a–h: Pételot 3561).

Fig. 34. *Mischobulbum cordifolium* (Hook. f.) Schltr. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Hance 22317).

Fig. 35. *Mischobulbum crassum* H. Turner. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. & g. column, front view and lateral view (a–g: Burt & Woods B1609).

Fig. 36. *Mischobulbum longiscapum* Seidenf. in H. Turner. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Seidenfaden & Smitinand GT 9684; a: after a drawing and photographs commissioned by Seidenfaden).

Fig. 37. *Mischobulbum marmoratum* (J.J. Smith) H. Turner. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. column (a–f: Kjellberg 2939).

Fig. 38. *Mischobulbum megalanthum* Tang & Wang. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. column; g. anther cap; h. pollinia (a–h: Pantling 206).

Fig. 39. *Mischobulbum papuanum* (J.J. Smith) Schltr. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. & g. lip; h. column; i. anther cap; j. pollinia (a–f, h–j: Brass 3333; g: Clemens 1268).

Fig. 40. *Mischobulbum scapigerum* (Hook. f.) Schltr. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column, lateral view; h. column, front view with anther cap; i. pollinia (a–i: Gibbs 2884).

Fig. 41. *Mischobulbum wrayanum* (Hook. f.) Rolfe. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap; i. pollinia (a–i: Wray 4059).

Fig. 42. *Tainia bicornis* (Lindley) Reichb. f. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. & i. anther cap, dorsal and ventral view (a–i: Beddome s. n.).

Fig. 43. *Tainia dunnii* Rolfe. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column (a–g: To & Tsang 12246).

Fig. 44. *Tainia latifolia* (Lindley) Reichb. f. subsp. *elongata* (J.J. Smith) H. Turner. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Bakhuisen van den Brink 4390).

Fig. 45. *Tainia laxiflora* (Ito ex Makino) Makino. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Masamune s. n., 28 May 1925).

Fig. 46. *Tainia macrantha* Hook. f. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Metcalf 17571).

Fig. 47. *Tainia maingayi* Hook. f. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. column; g. anther cap; h. two pollinia (a–f: de Vogel 8455; g, h: Vermeulen & Duistermaat 911).

Fig. 48. *Tainia minor* Hook. f. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: Forrest 17652).

Fig. 49. *Tainia obpandurata* H. Turner. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. & g. lip; h. column; i. anther cap (a–f, h–i: Rahmat si Boeea 10356; g: de Wilde & de Wilde-Duyfjes 15863).

Fig. 50. *Tainia paucifolia* (Breda) J.J. Smith. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: S (Othman & Munting) 54360).

Fig. 51. *Tainia purpureifolia* Carr. a. Plant; b. median sepal; c. petal; d. lateral sepal; e. lip; f. column; g. anther cap (a–g: Carr 3150).

Fig. 52. *Tainia sessilifolia* Fraser. a. Leaf; b. inflorescence; c. flower; d. median sepal; e. petal; f. lateral sepal; g. lip; h. column; i. anther cap (a–i: Charlesworth s.n.).

Fig. 53. *Tainia speciosa* Blume. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. & g. lip; h. column; i. anther cap; j. one pollinium (a–f, h–j: van Beusekom & Phengklai 859; g: Brooke 8616).

Fig. 54. *Tainia trinervis* (Blume) Reichb. f. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column; h. anther cap (a–h: LAE (Howcroft) 64078).

Fig. 55. *Tainia vegetissima* Ridley. a. Plant; b. flower; c. median sepal; d. petal; e. lateral sepal; f. lip; g. column (a–g: Wray & Robinson 5314).

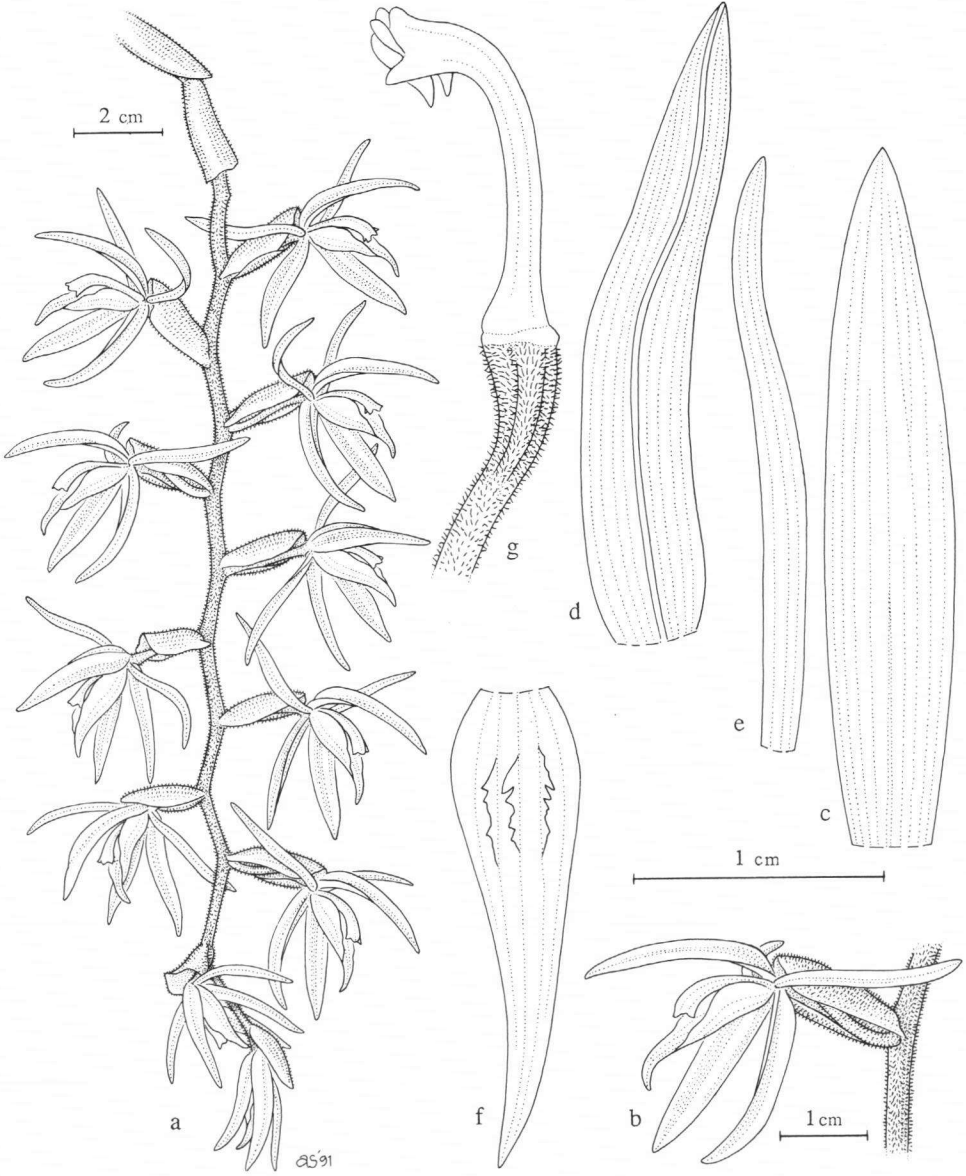


Fig. 1.

de Vogel



Fig. 2.

de Vogel

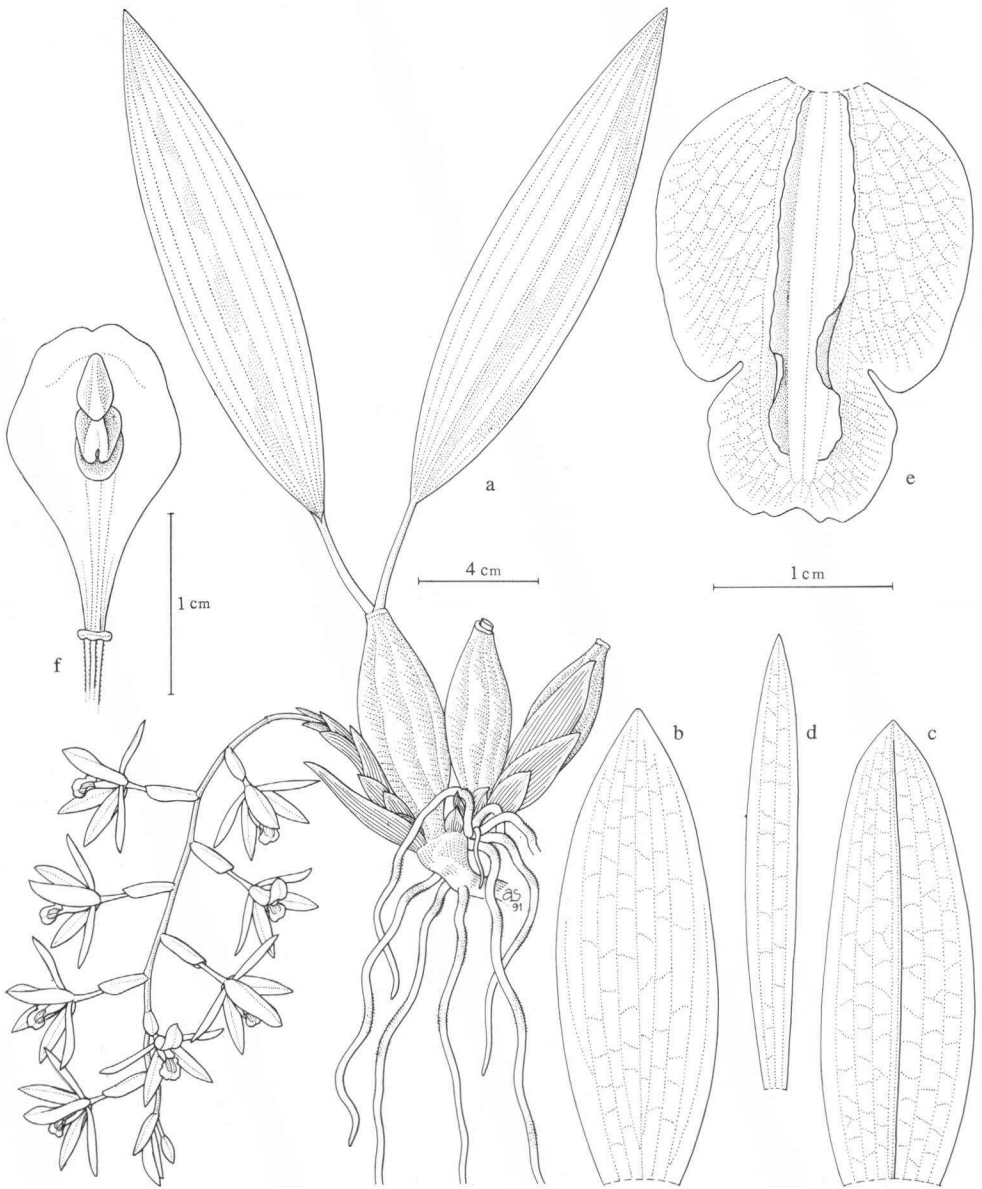


Fig. 3.

J.J. Smith

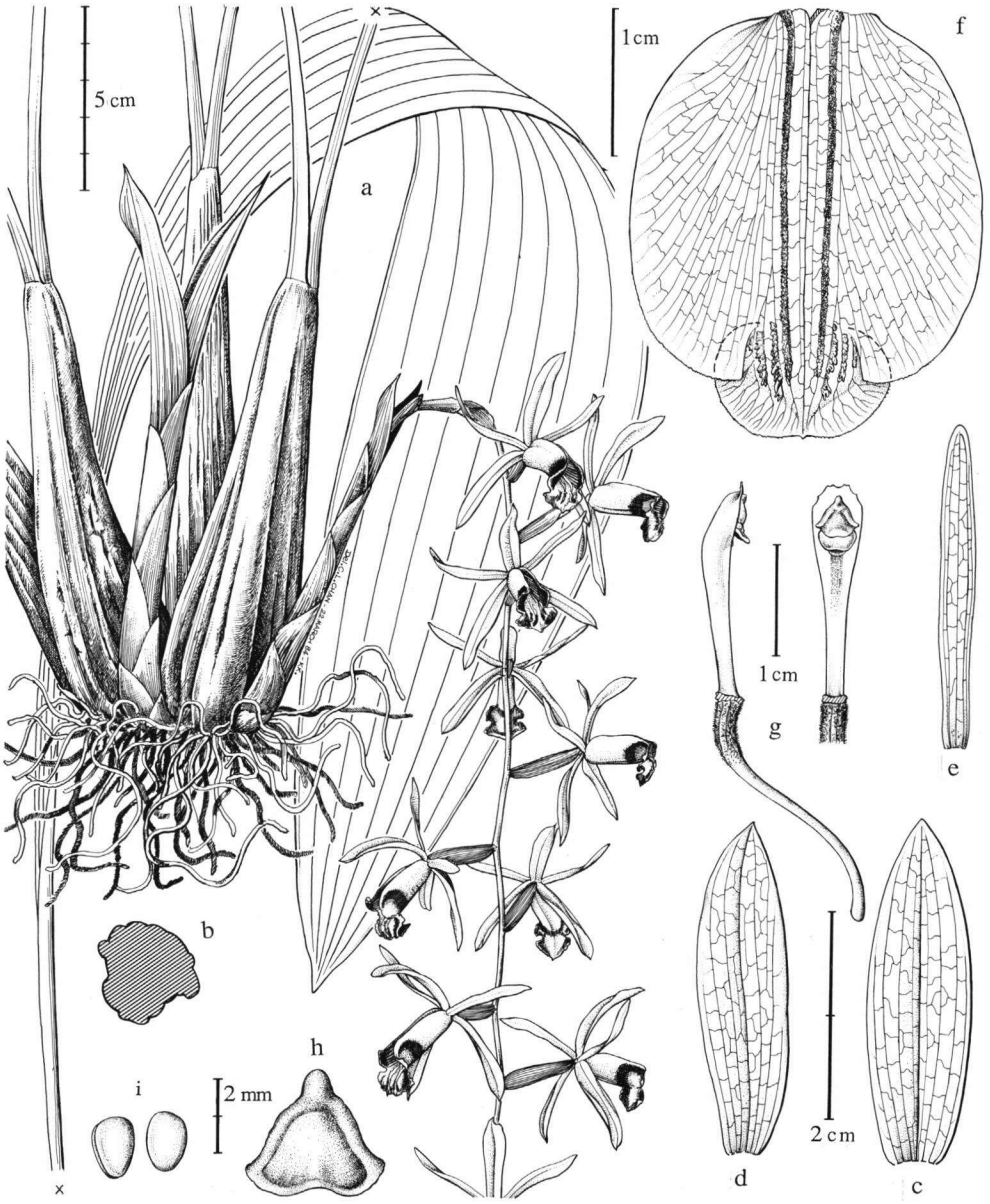


Fig. 4.

Reichb. f.

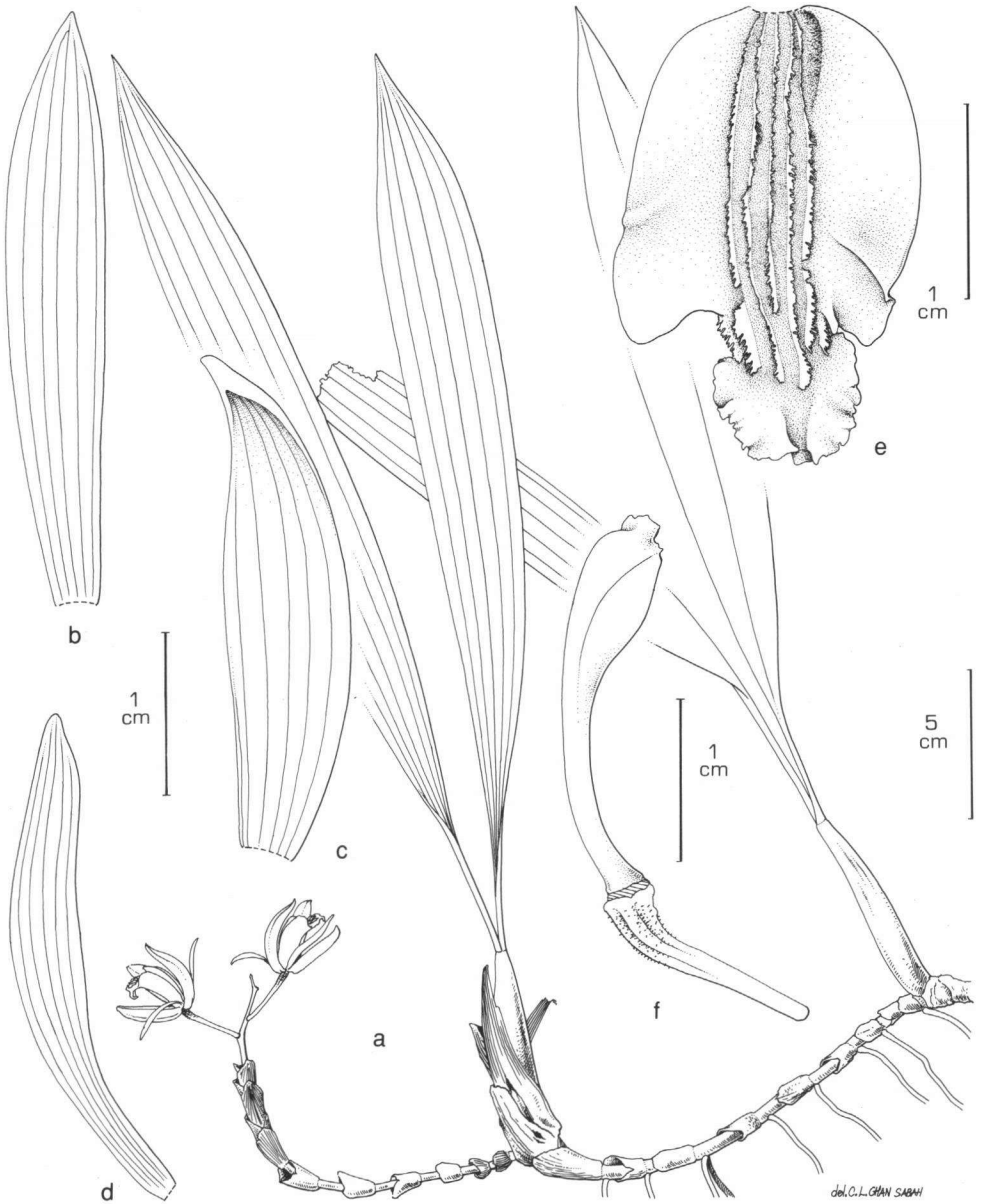


Fig. 5.

J.J. Smith

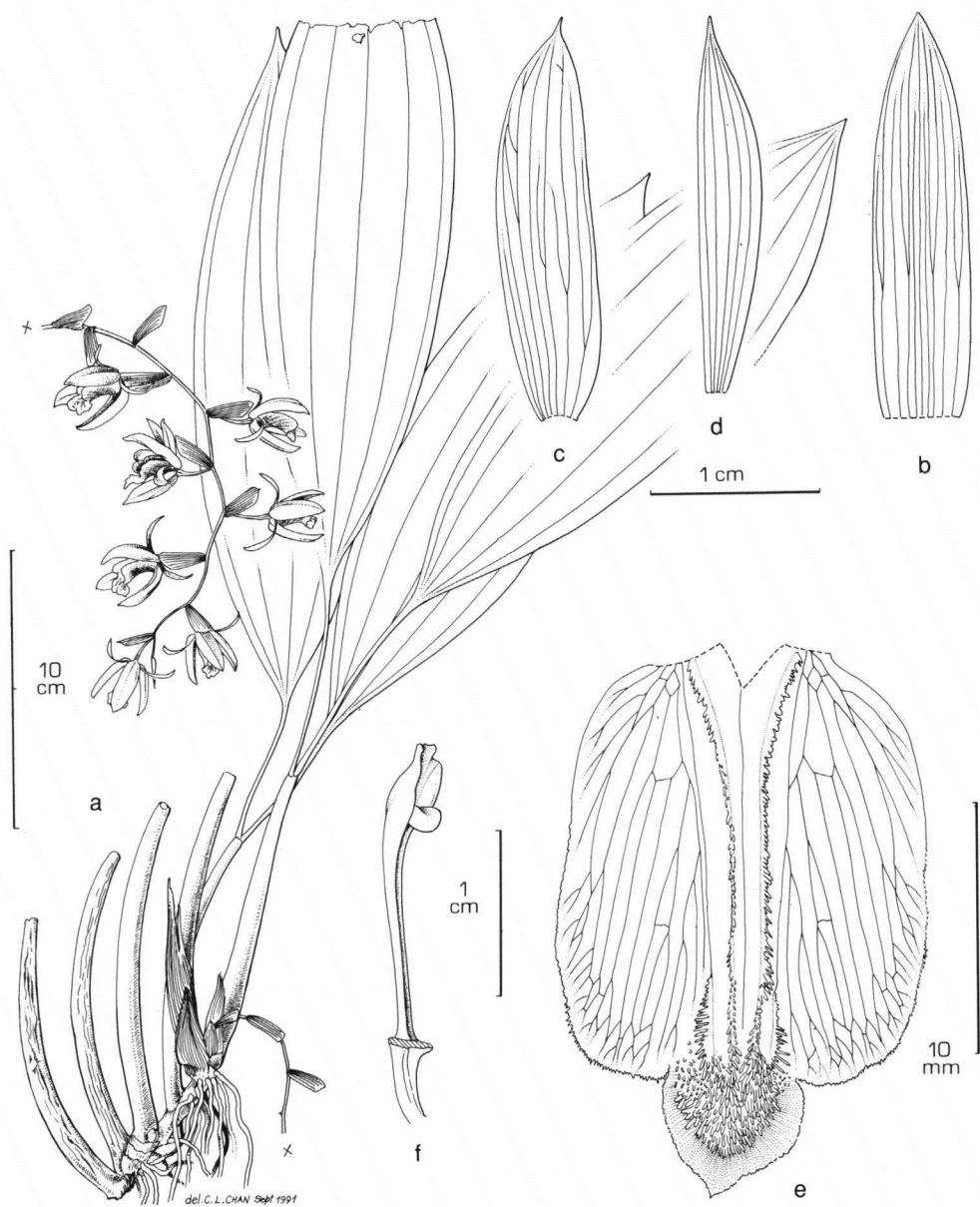


Fig. 6.

de Vogel

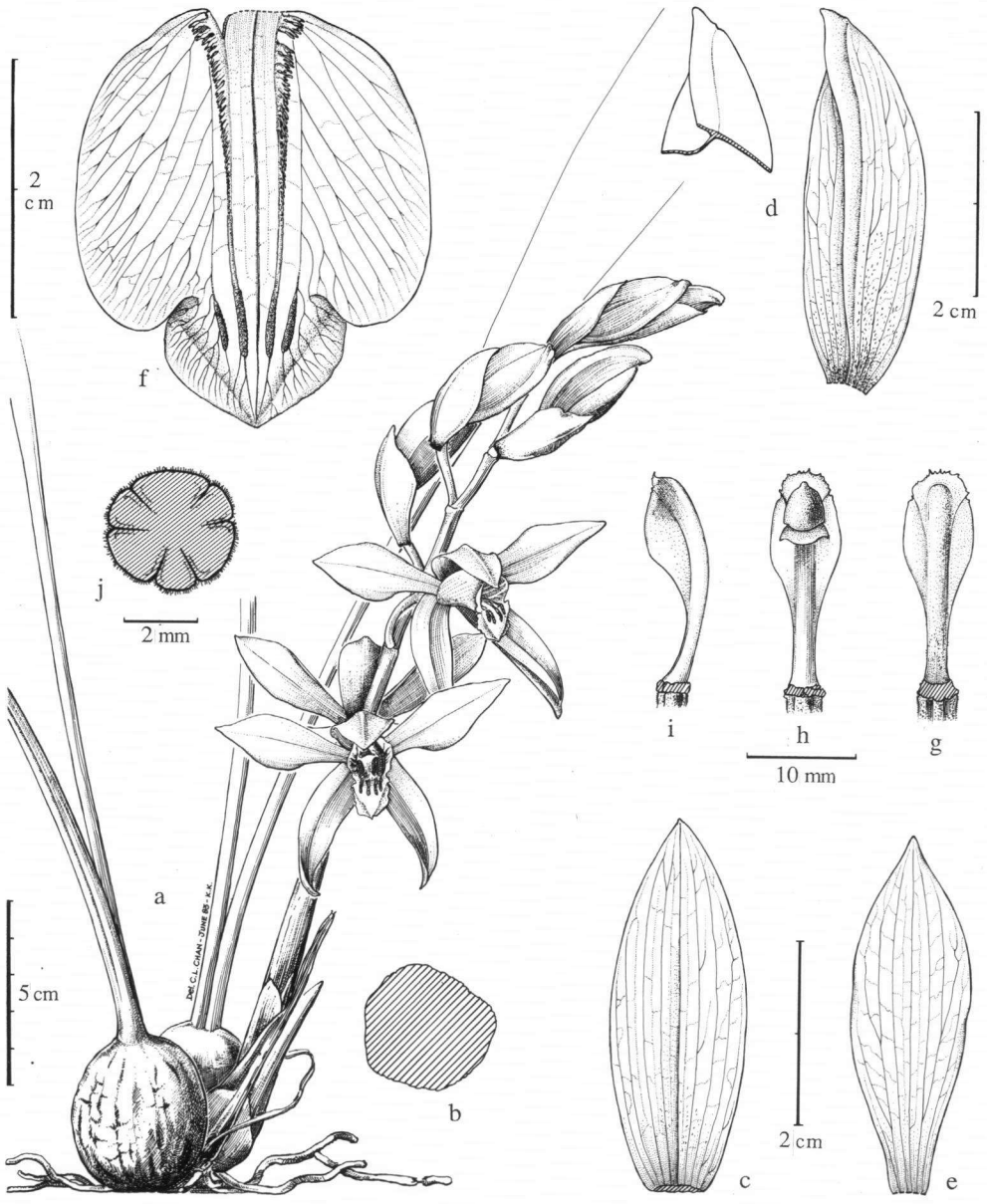


Fig. 7.

J.J. Smith

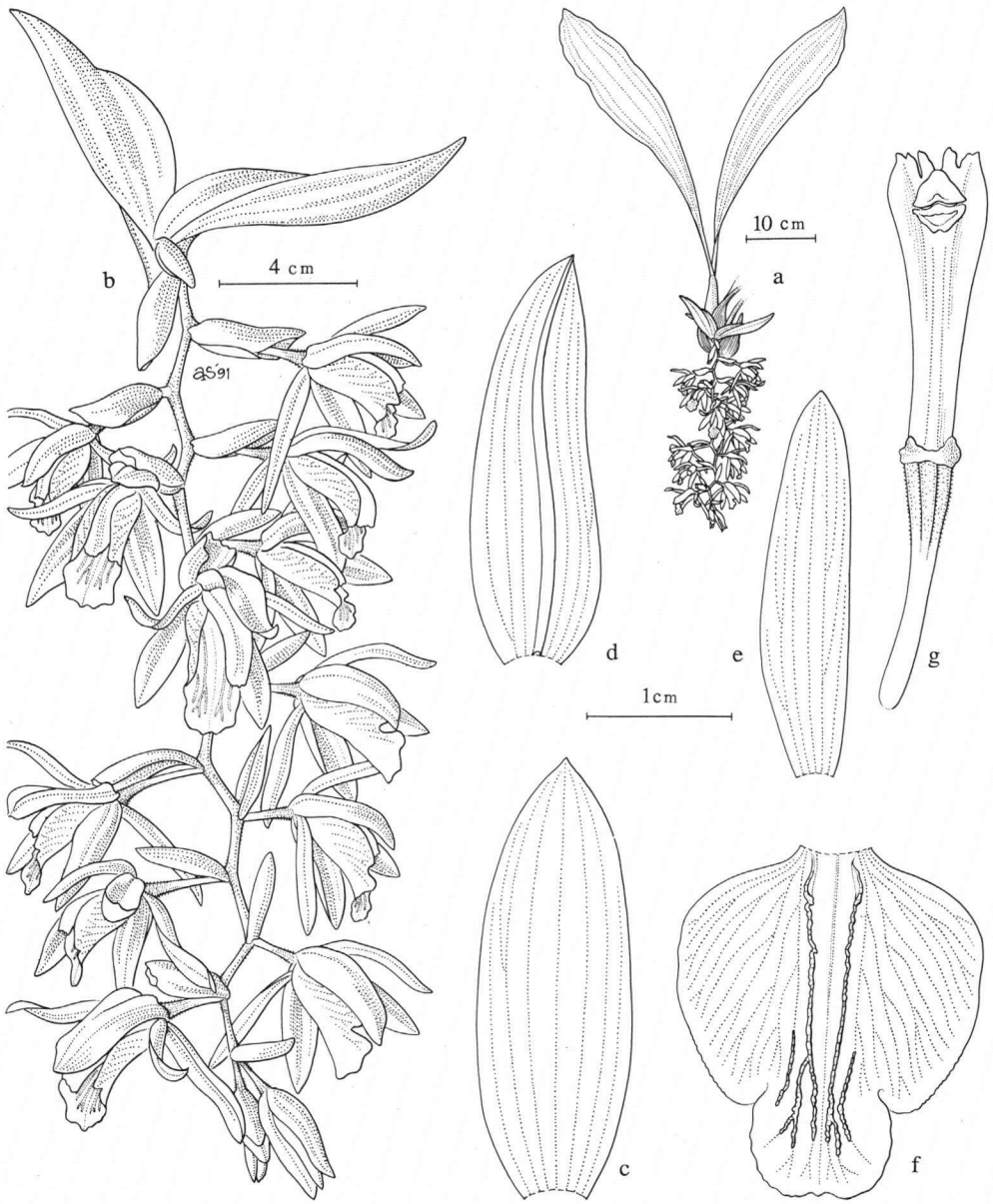


Fig. 8.

Taylor

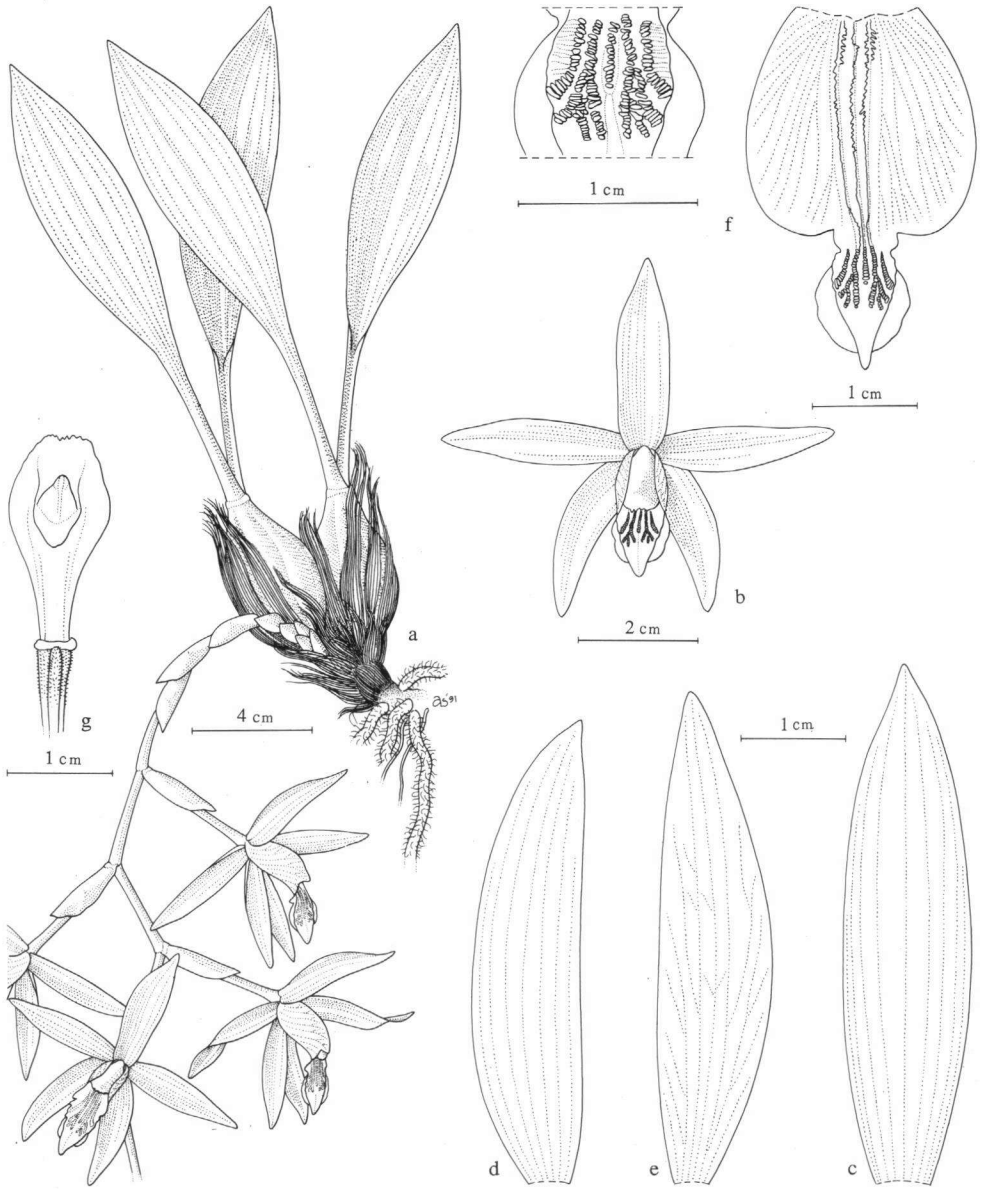


Fig. 9.

Cribb

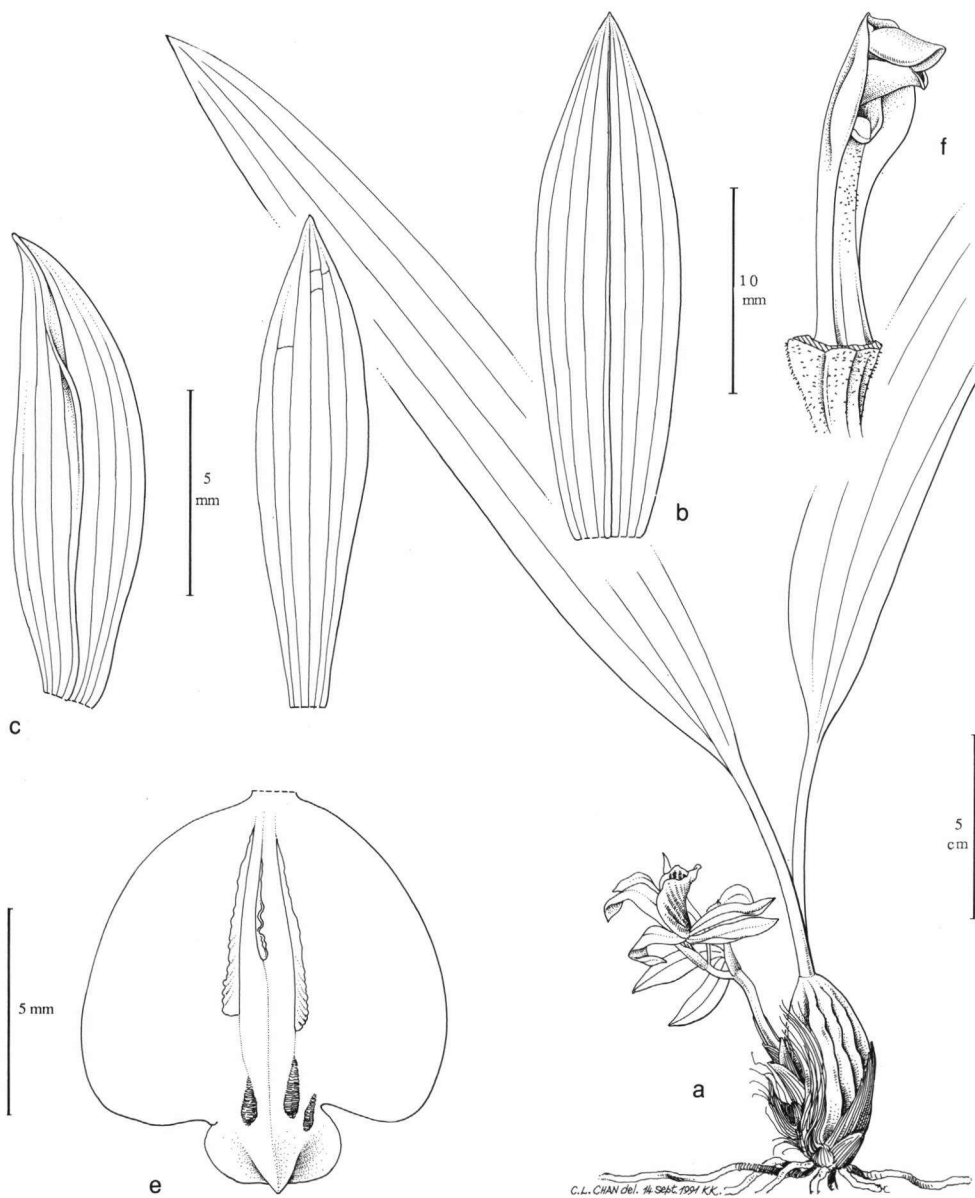


Fig. 10.

de Vogel

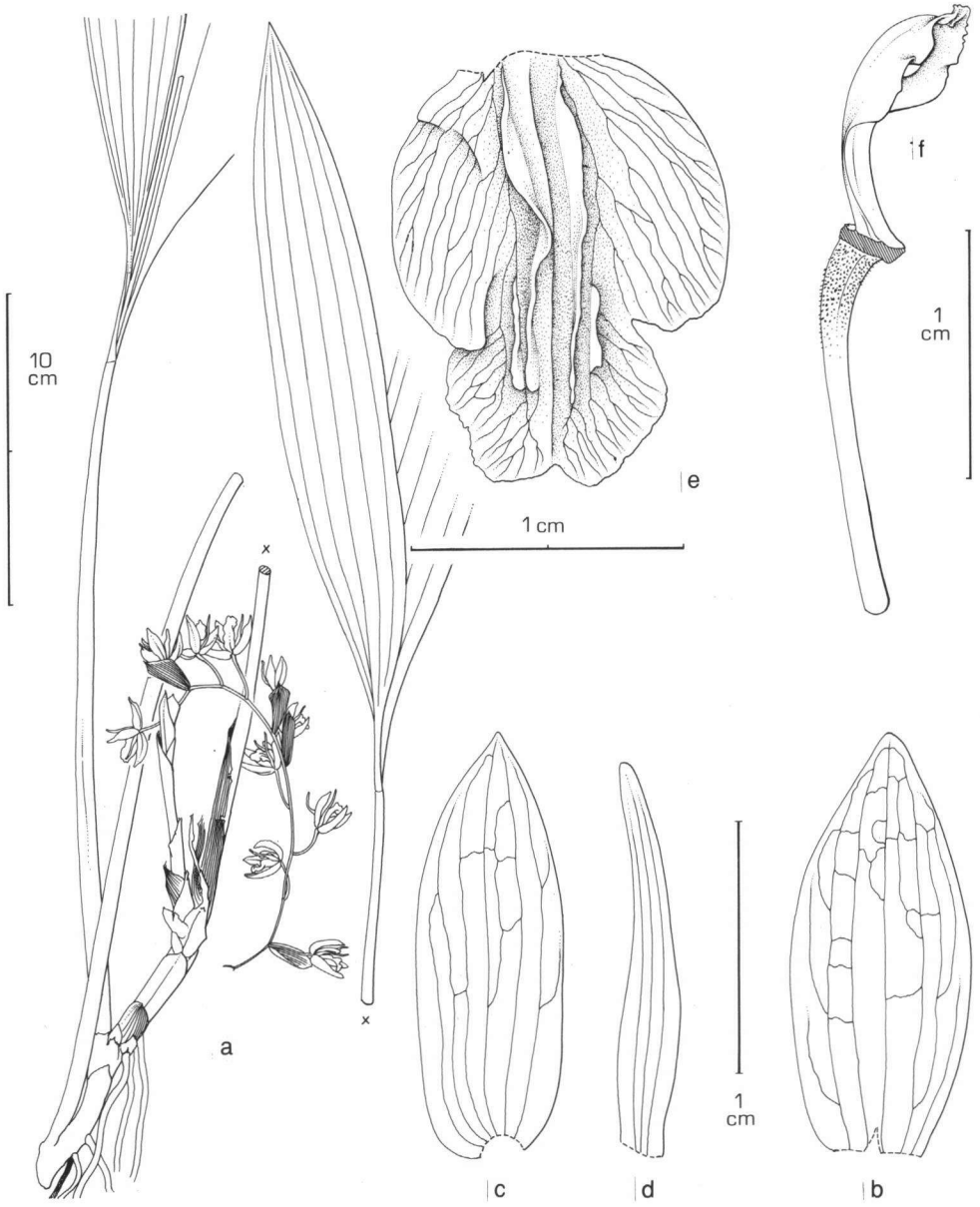


Fig. 11.

Ames & C. Schweinf.

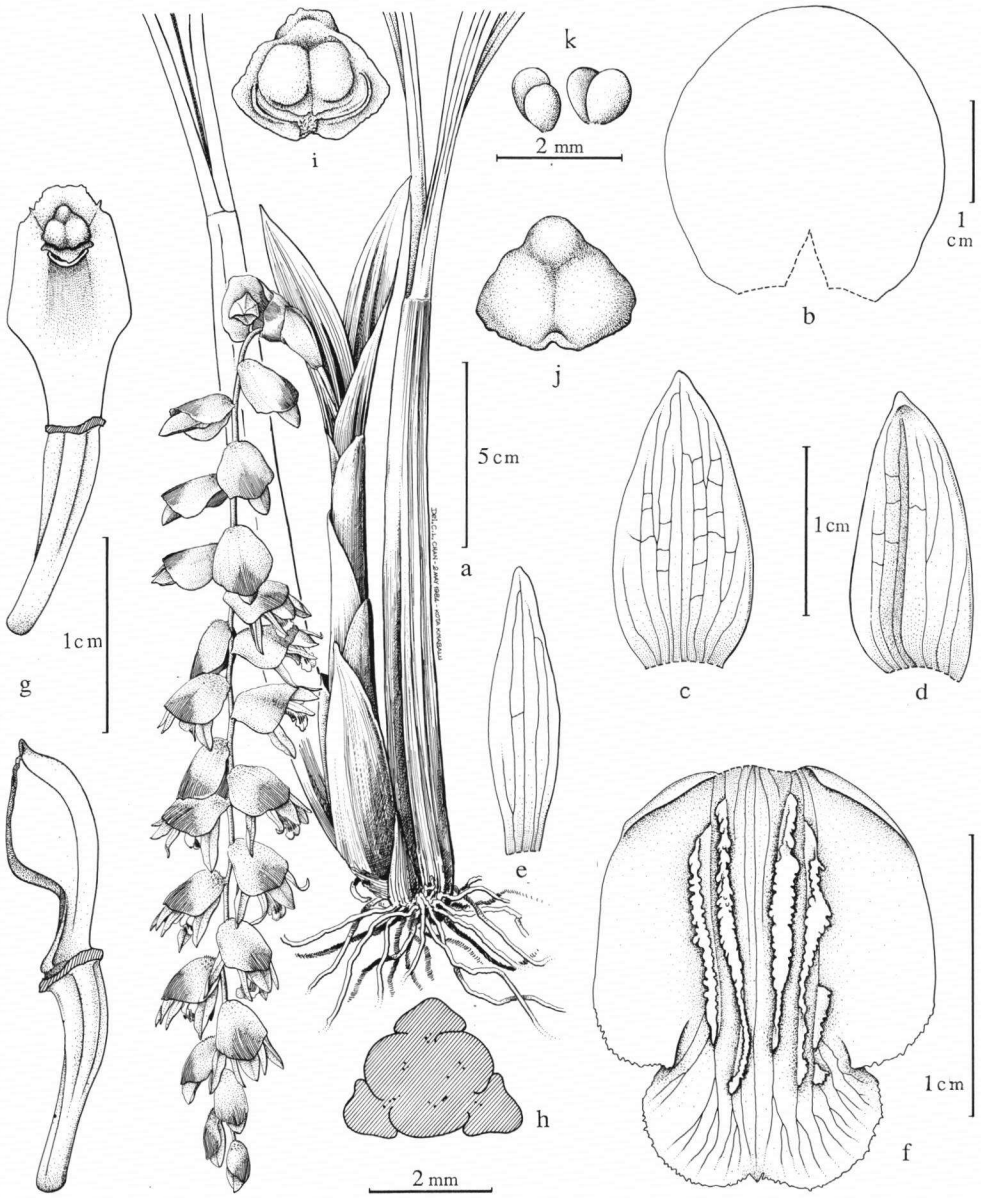


Fig. 12.

J.J. Smith

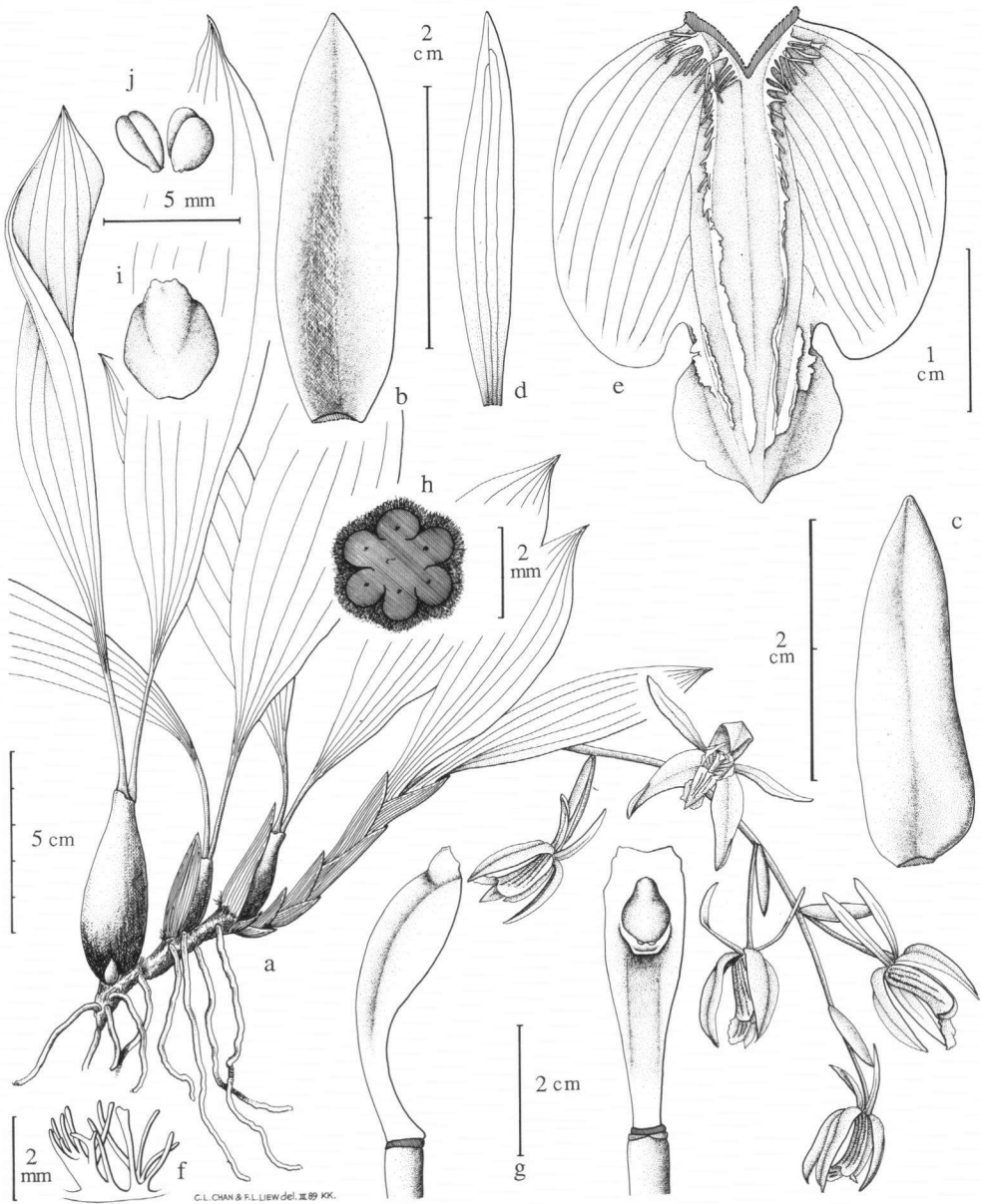


Fig. 13.

Schltr.



del. C. L. CHAN Oct-1991-SABAH

Fig. 14.

J.J. Smith

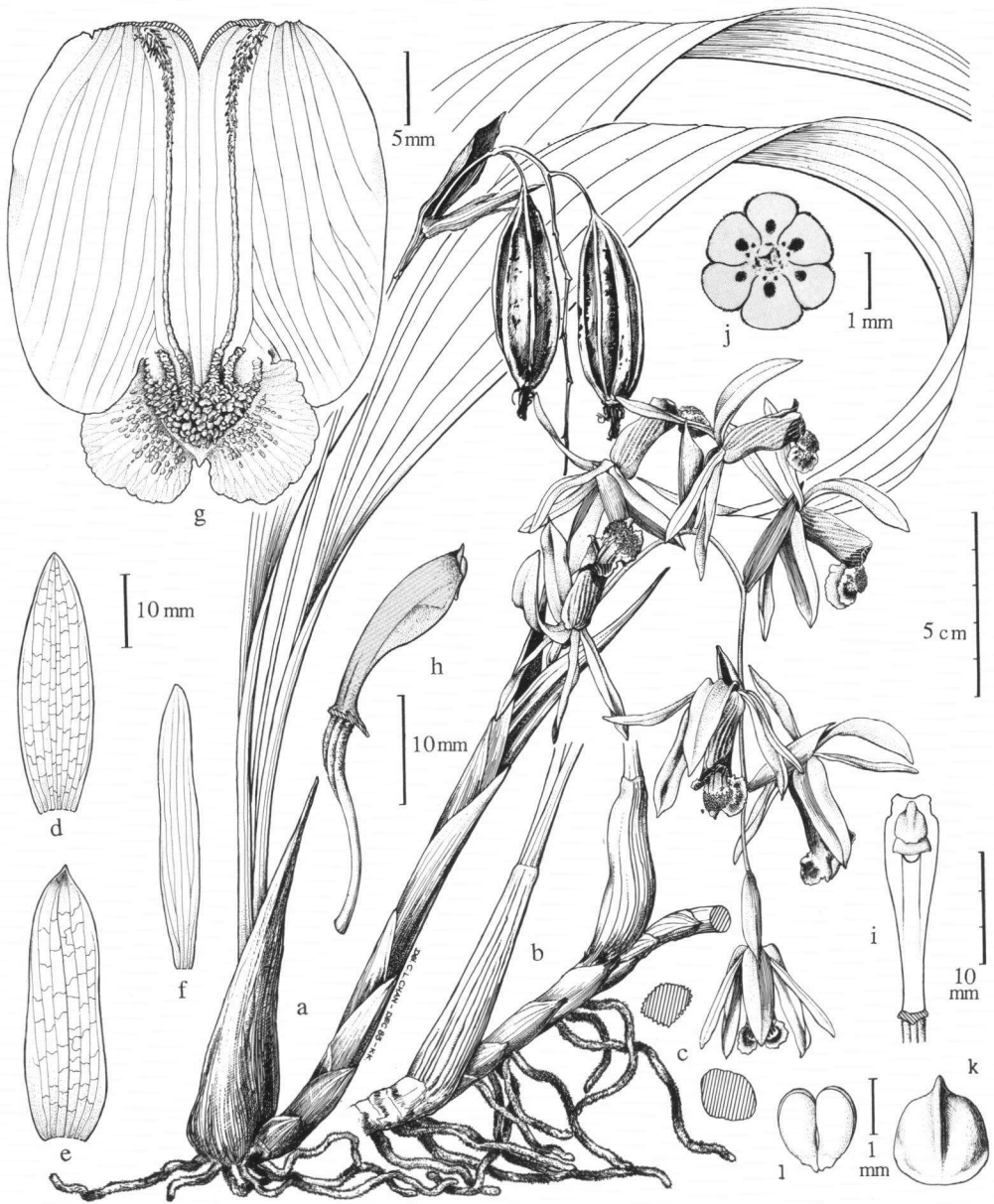


Fig. 15.

Ames & C. Schweinf.

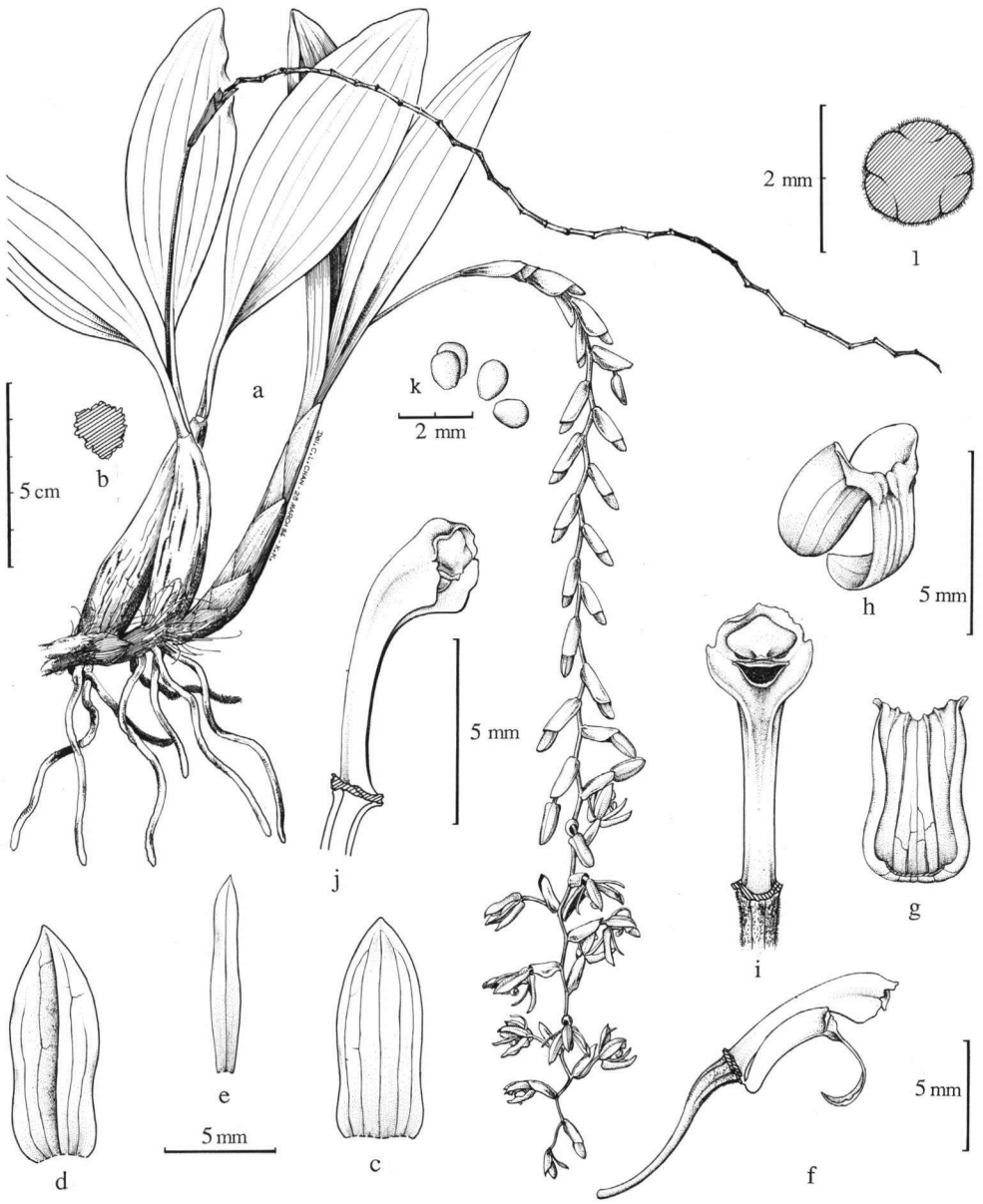


Fig. 16.

J.J. Wood & C.L. Chan

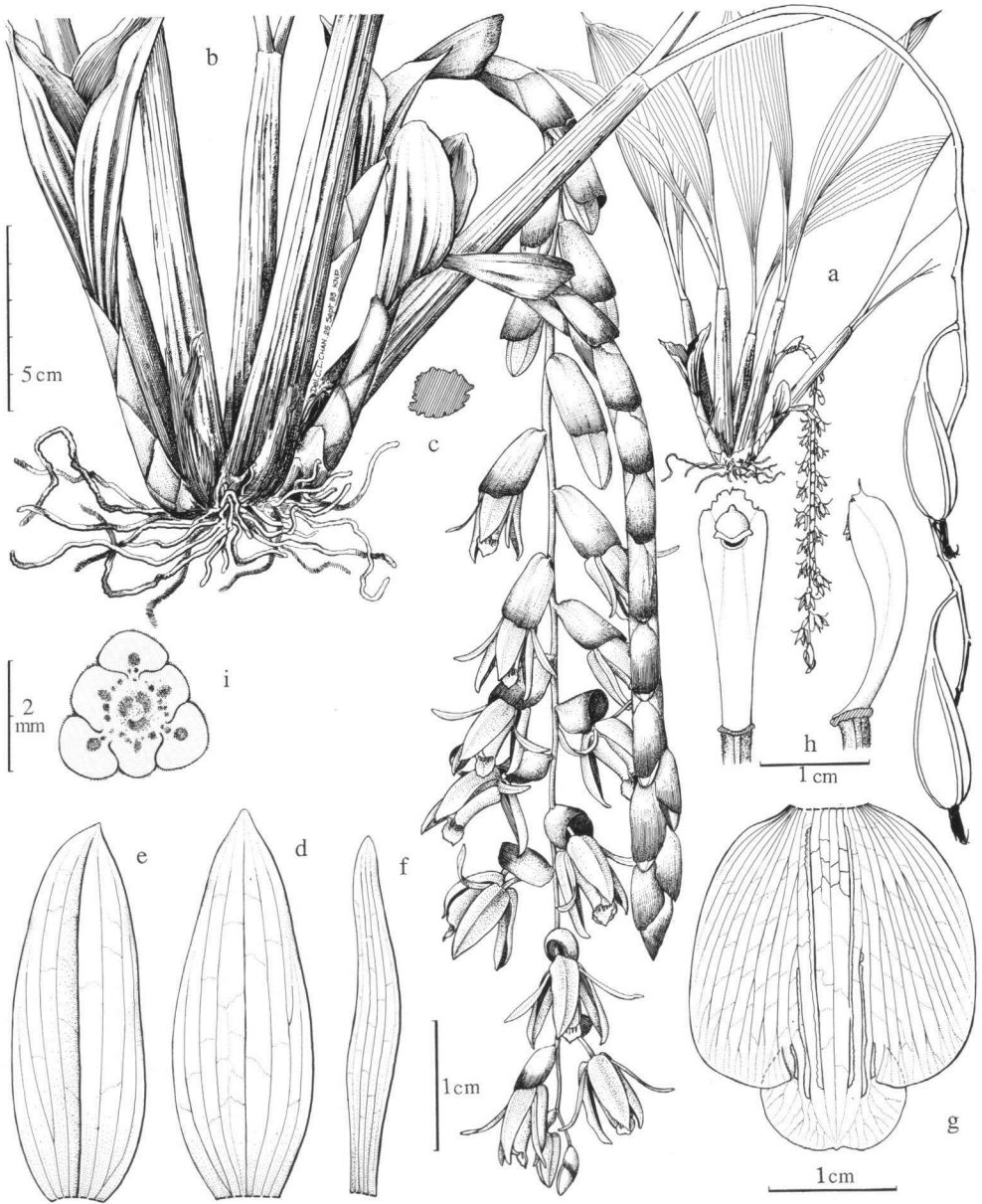


Fig. 17.

Schltr.

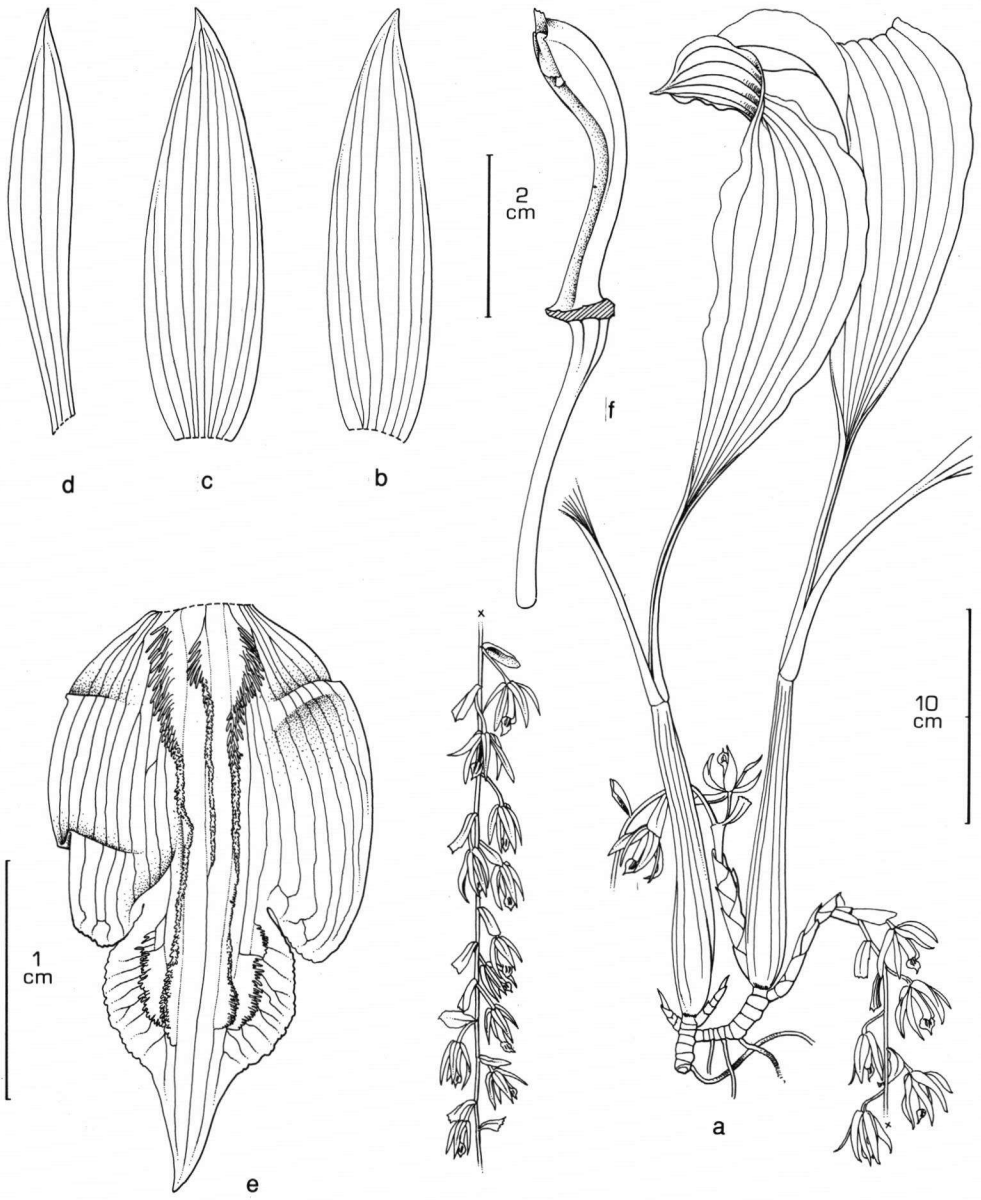


Fig. 18.

de Vriese

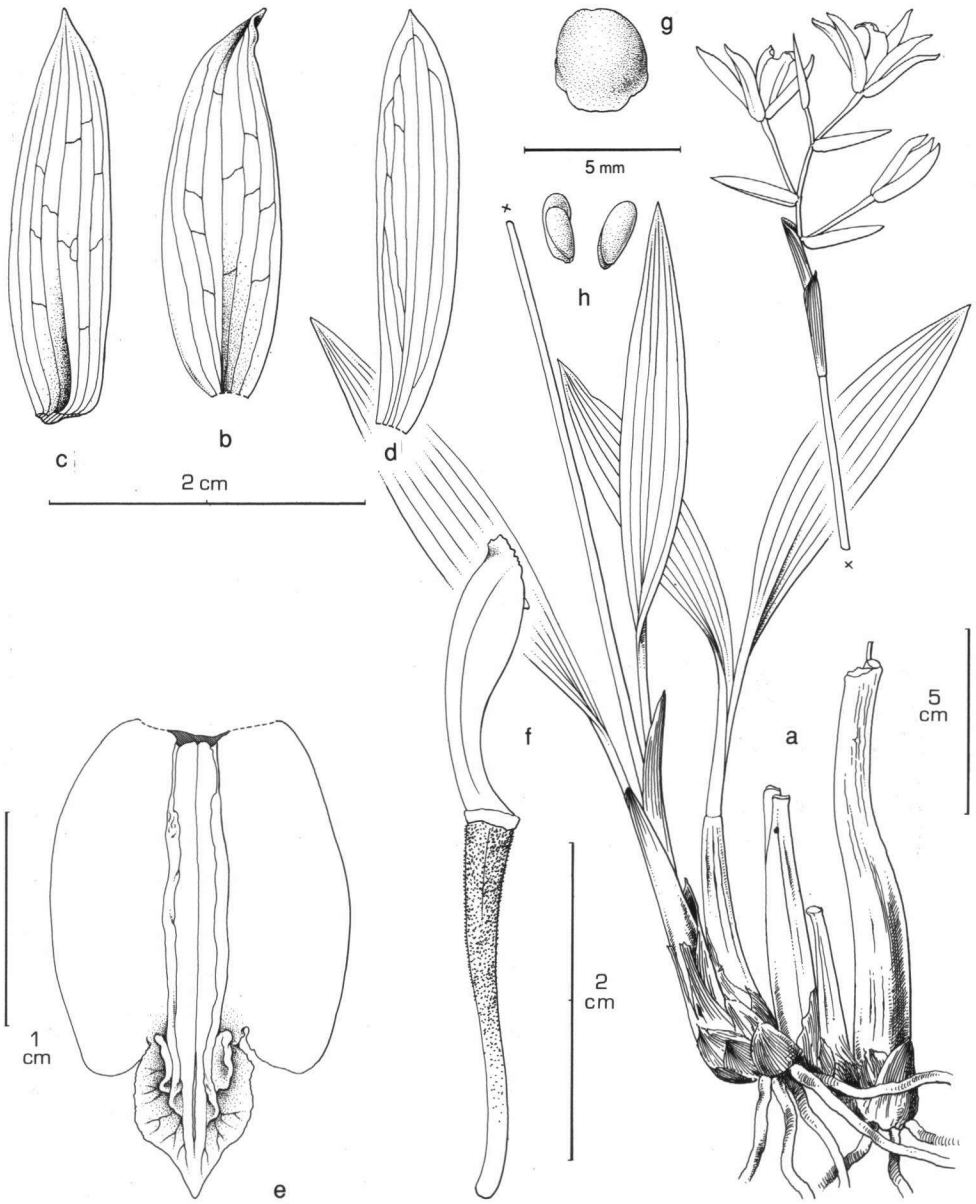


Fig. 19.

Carr

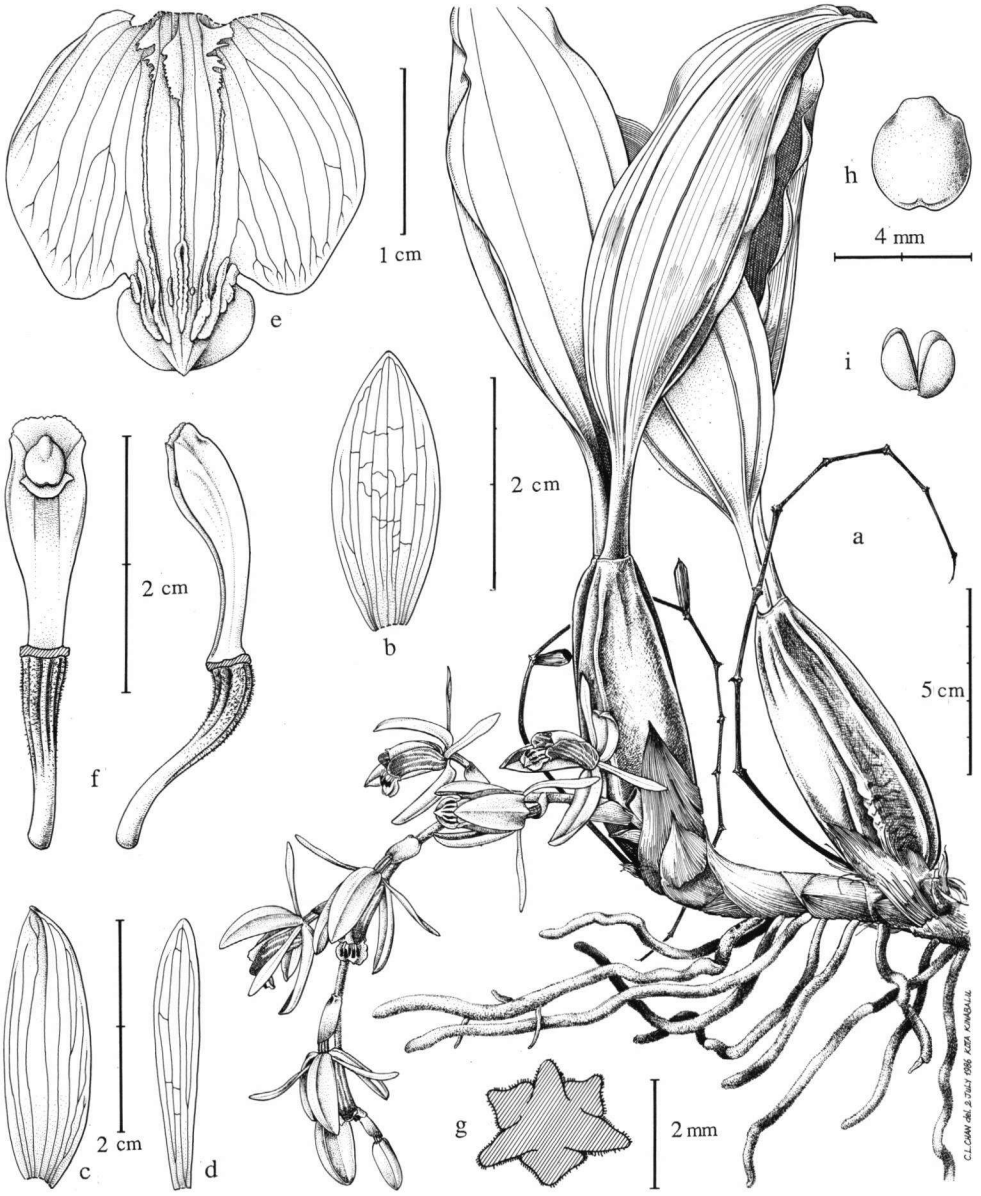


Fig. 20.

Rolfe

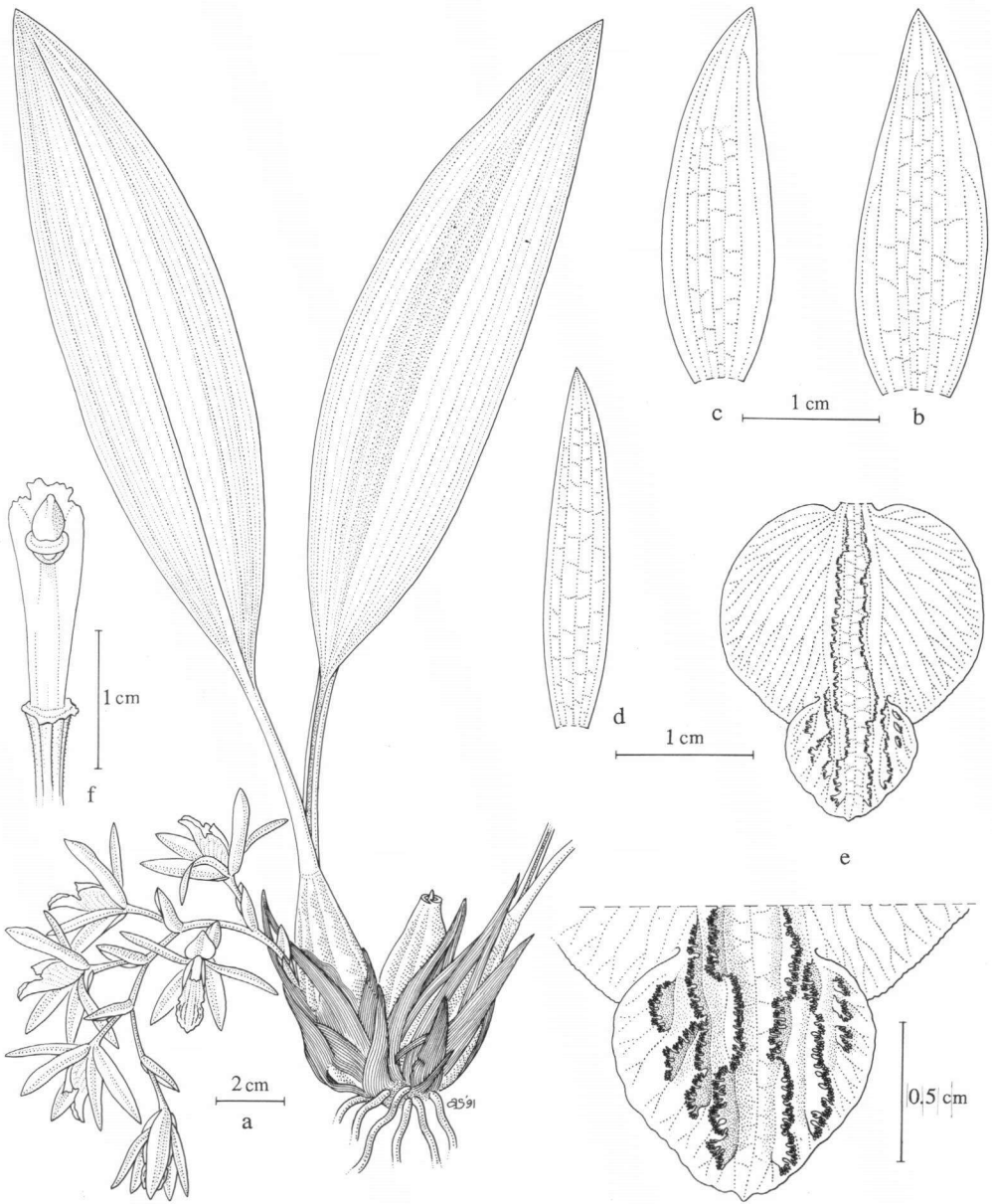


Fig. 21.

Lindley

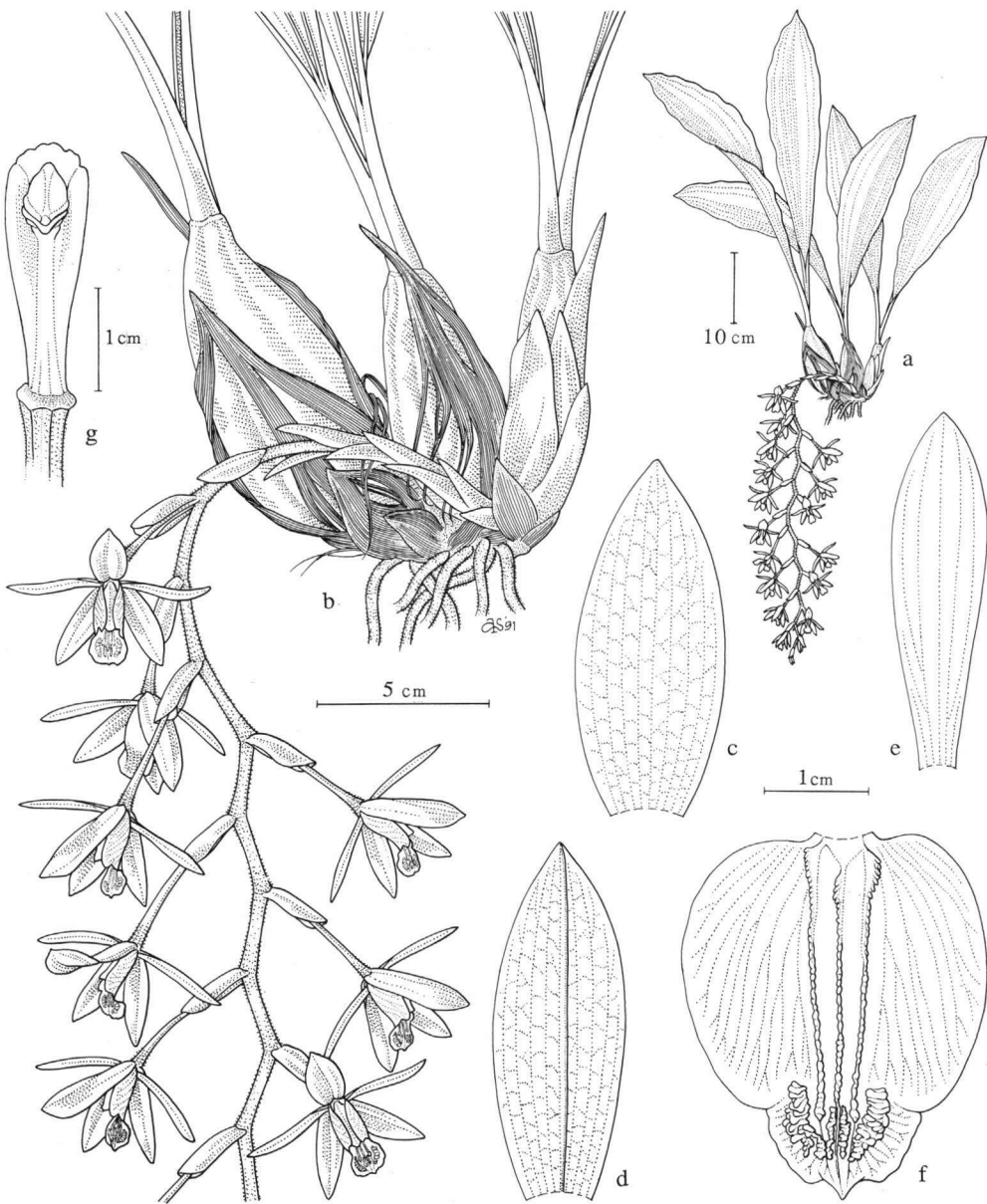


Fig. 22.

Lindley

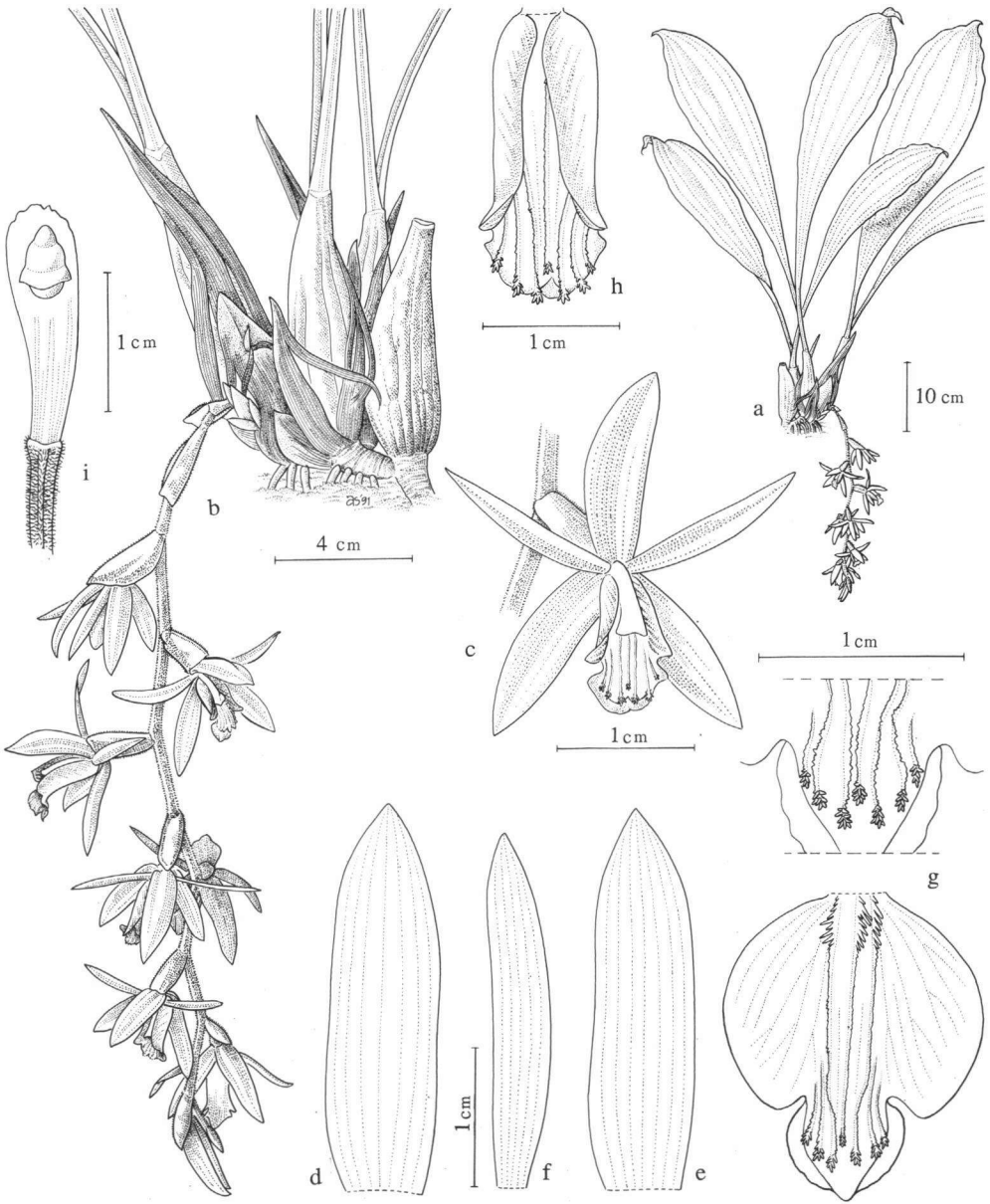


Fig. 23.

de Vogel

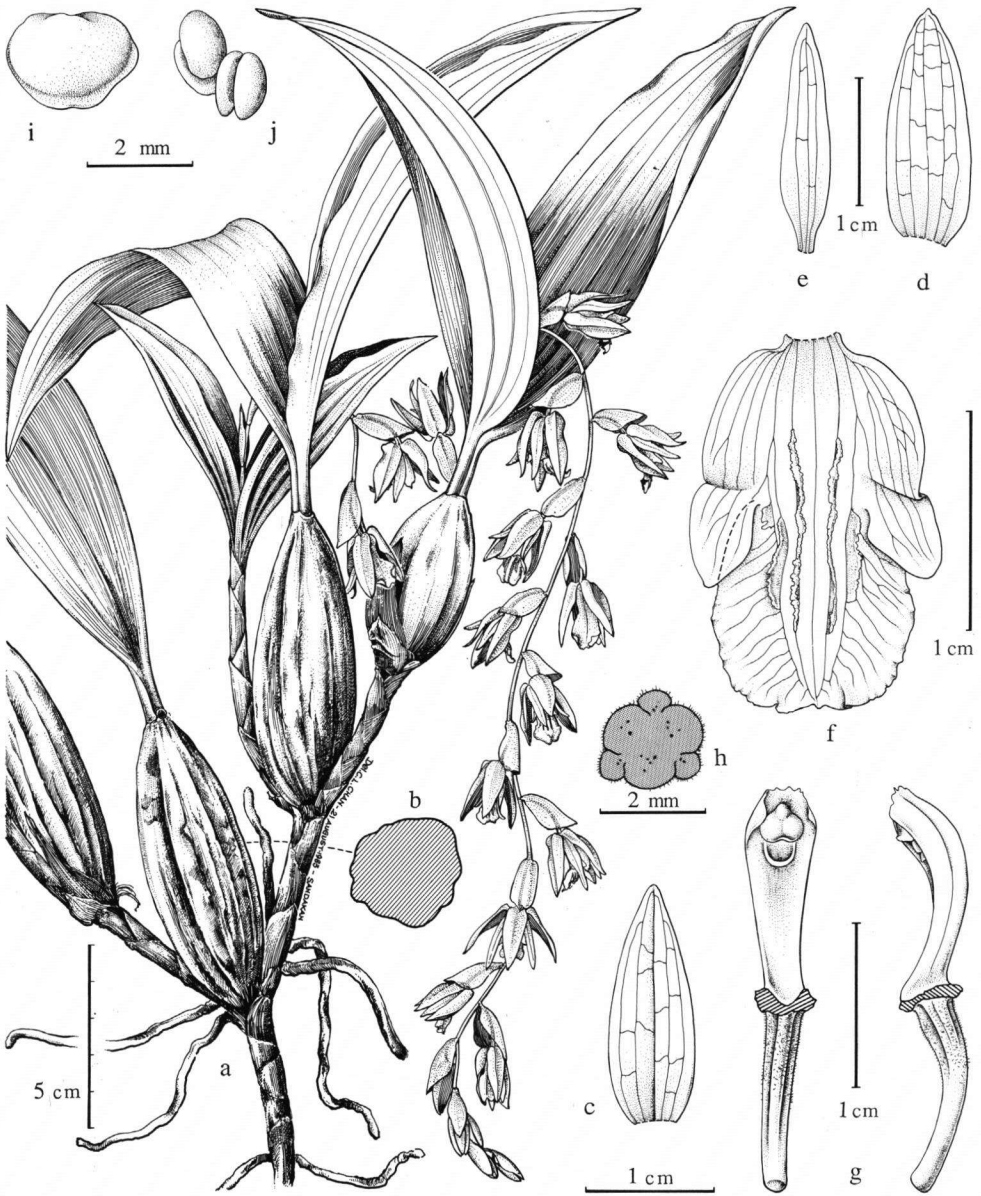


Fig. 24.

Rolfe

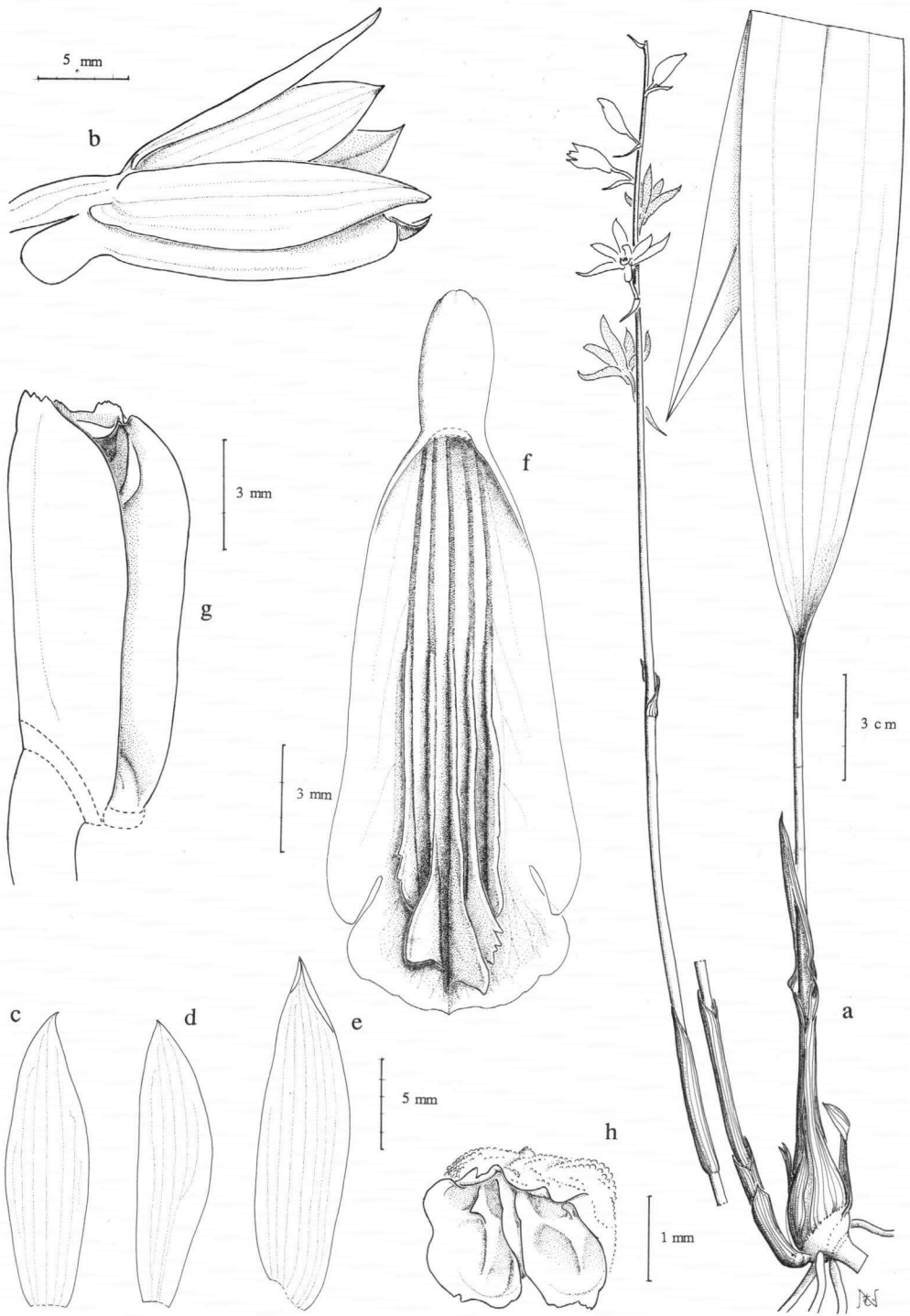


Fig. 25.

Lindley

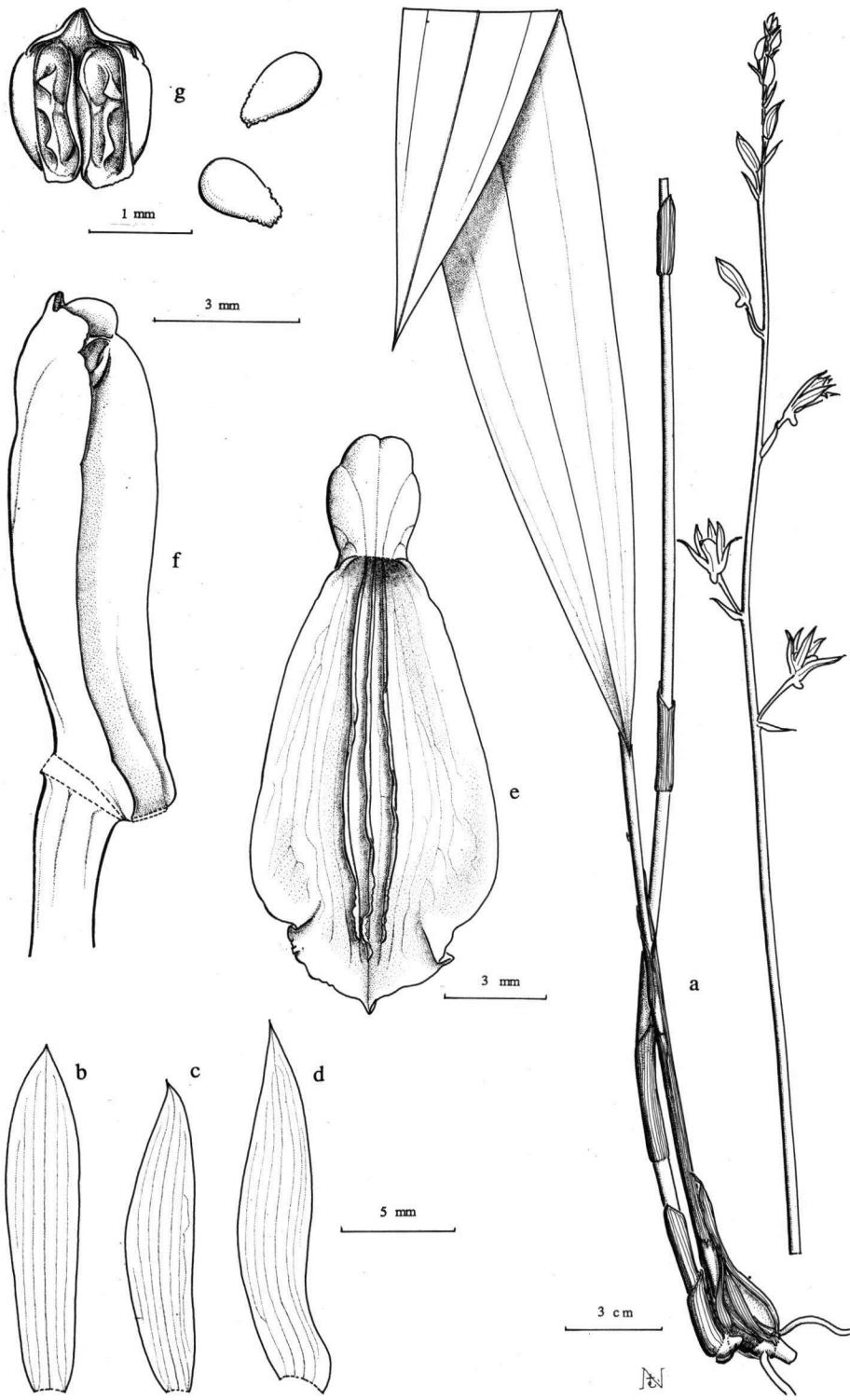


Fig. 26..

(Rolfe) Senghas



Fig. 27.

(Ames) *A. Hawkes ex Senghas*

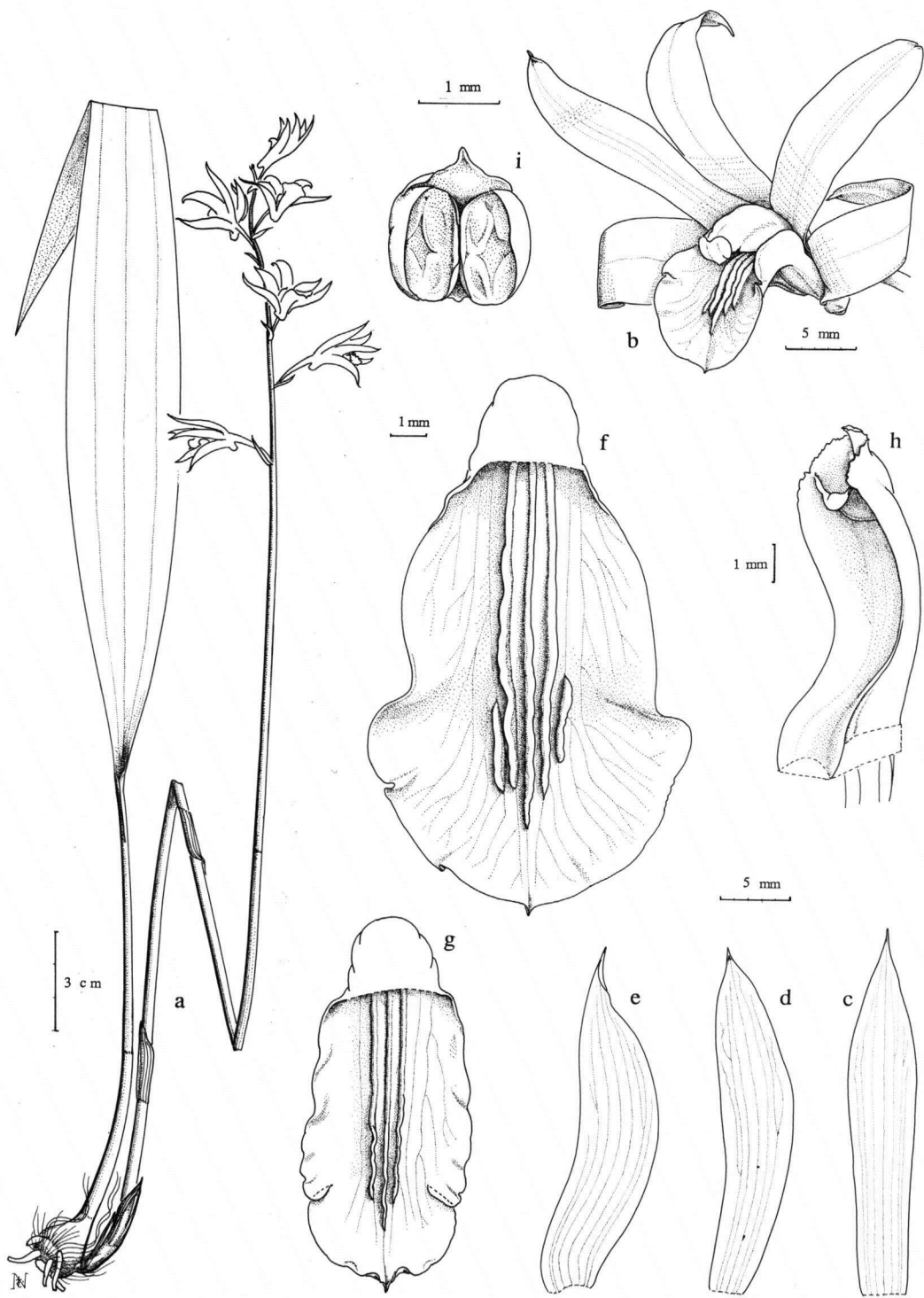


Fig. 28.

(Rolfe) Tang & Wang

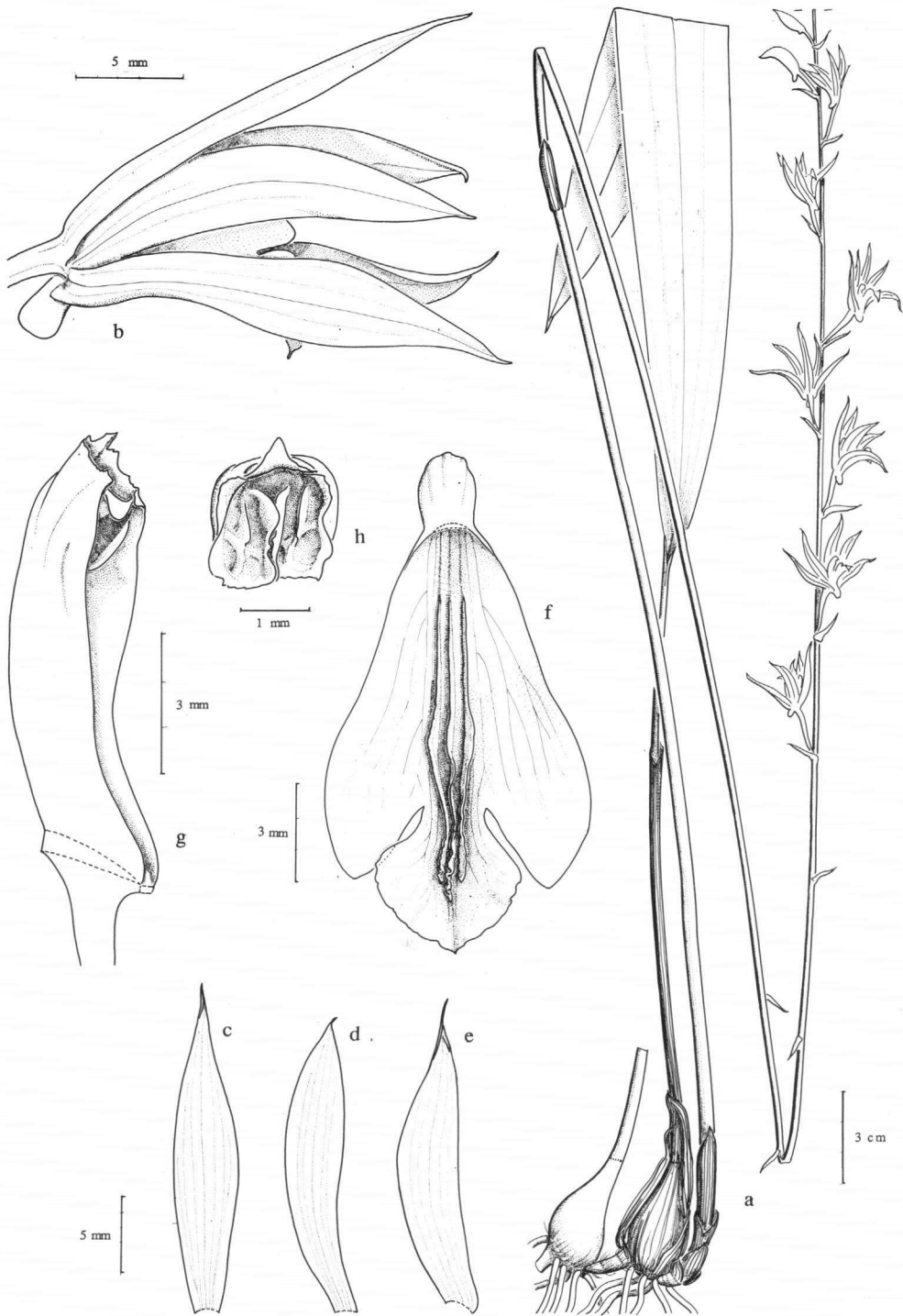


Fig. 29.

(Hook. f.) Summerh.

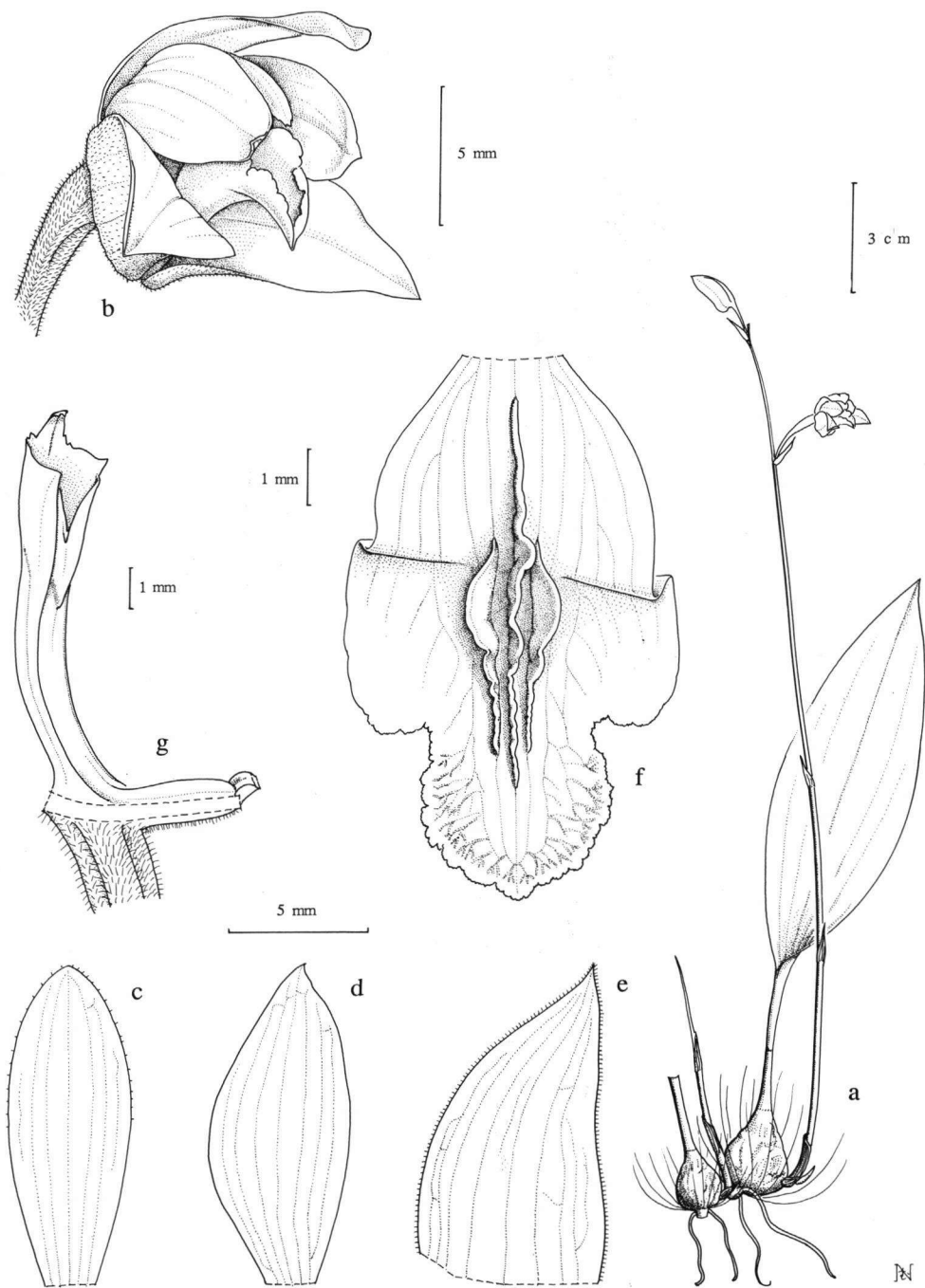


Fig. 30.

A. Lamb in H. Turner

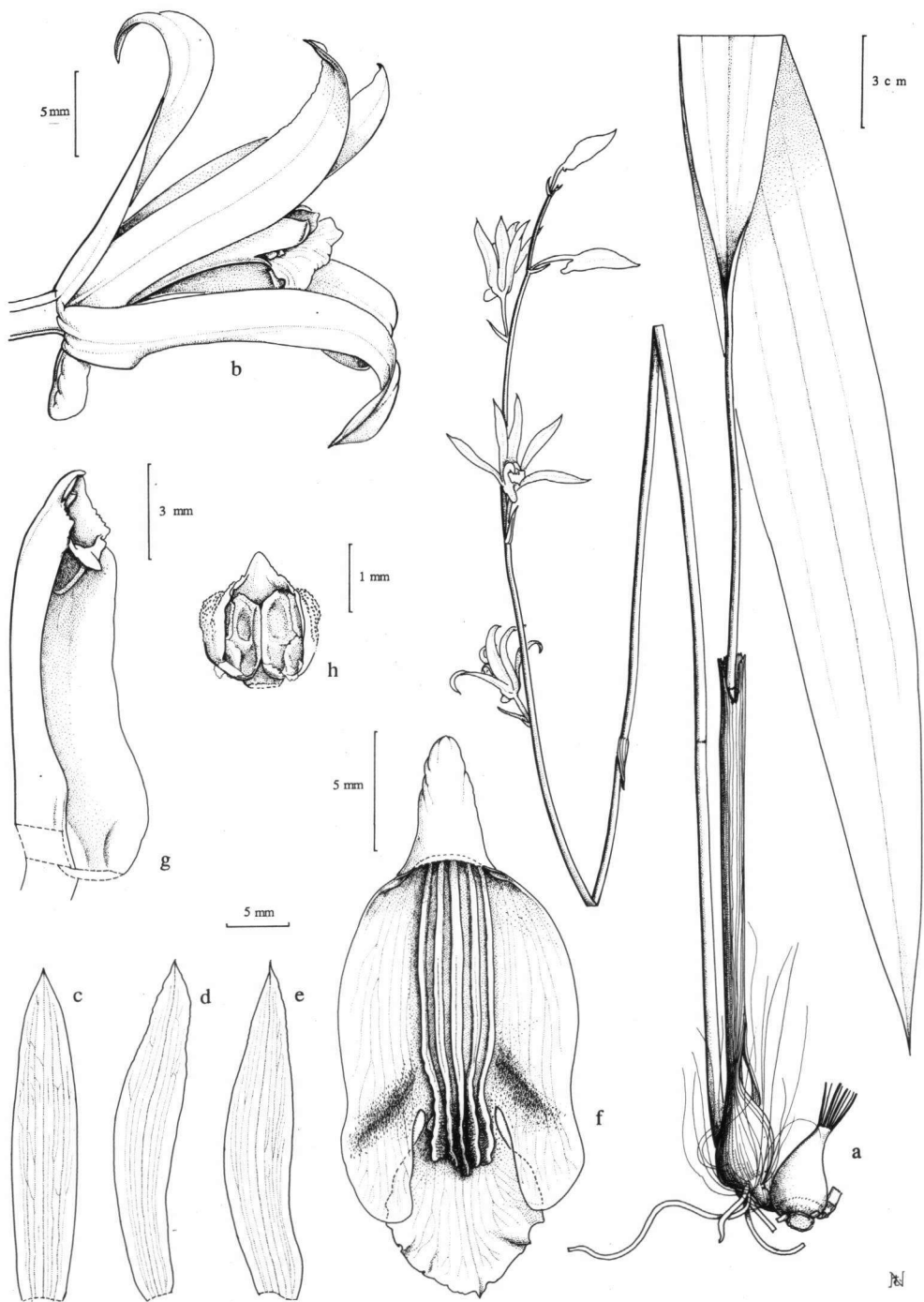


Fig. 31.

S. Y. Hu & Barretto

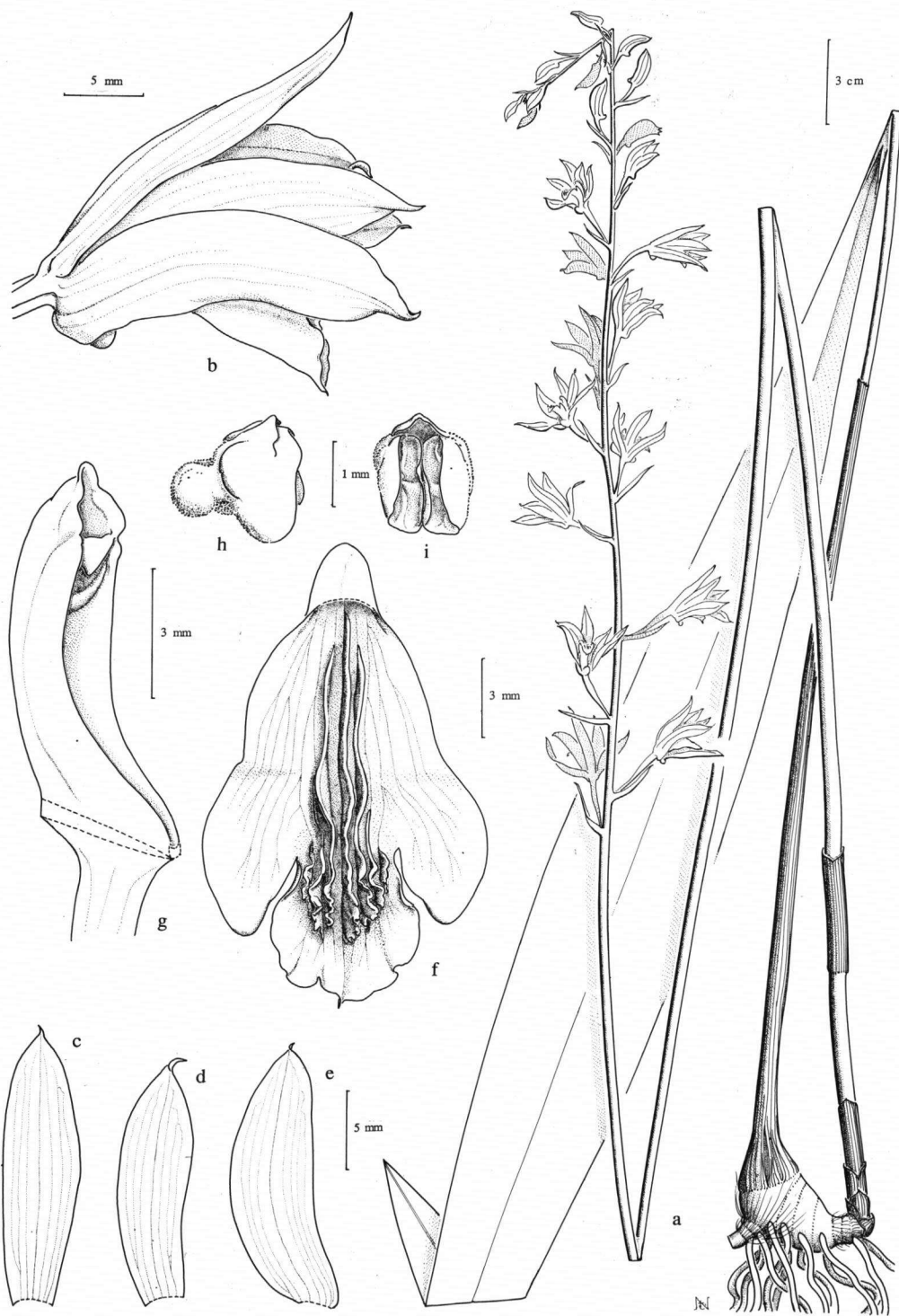


Fig. 32.

(Hook.) Tang & Wang ex Summern.

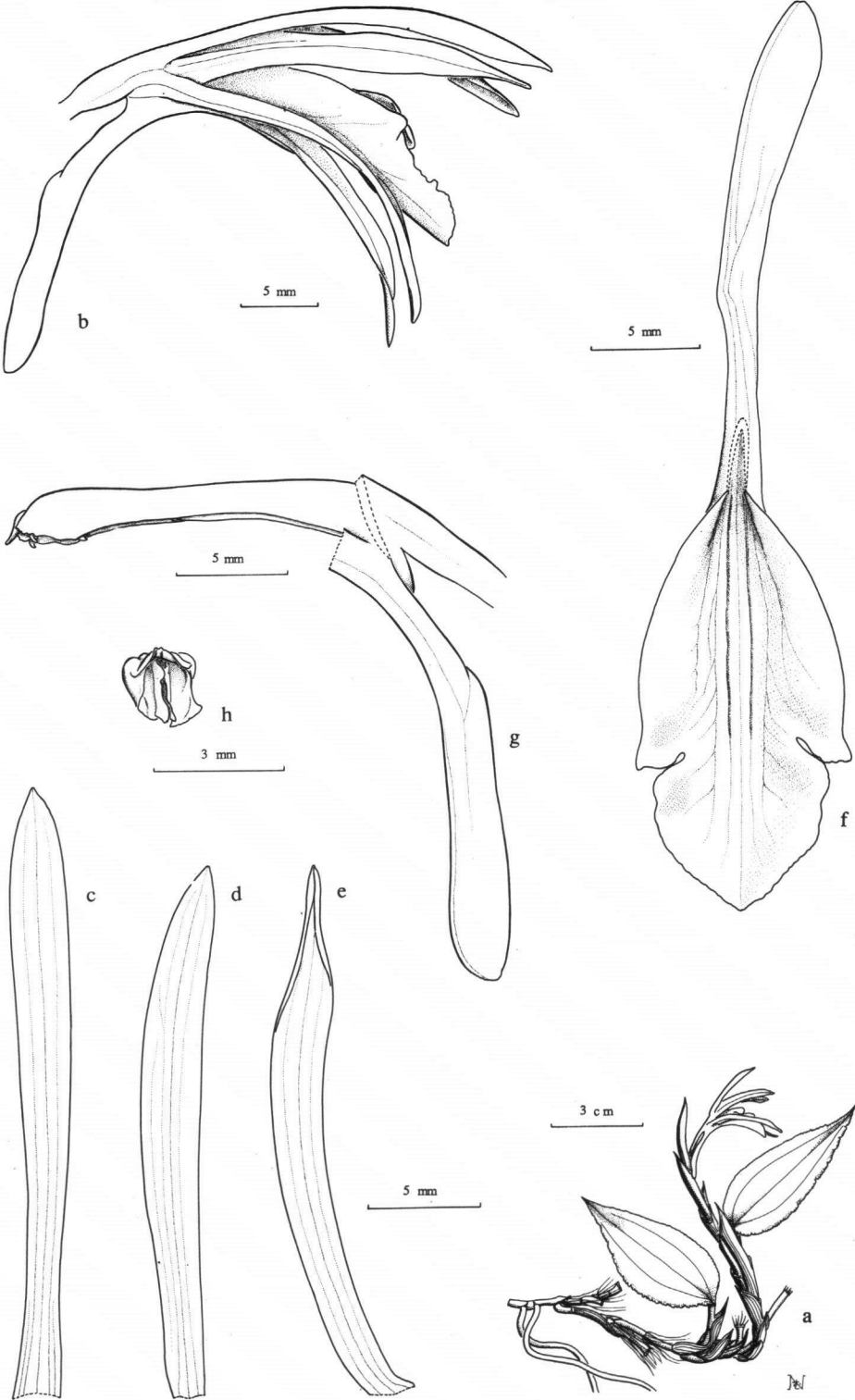
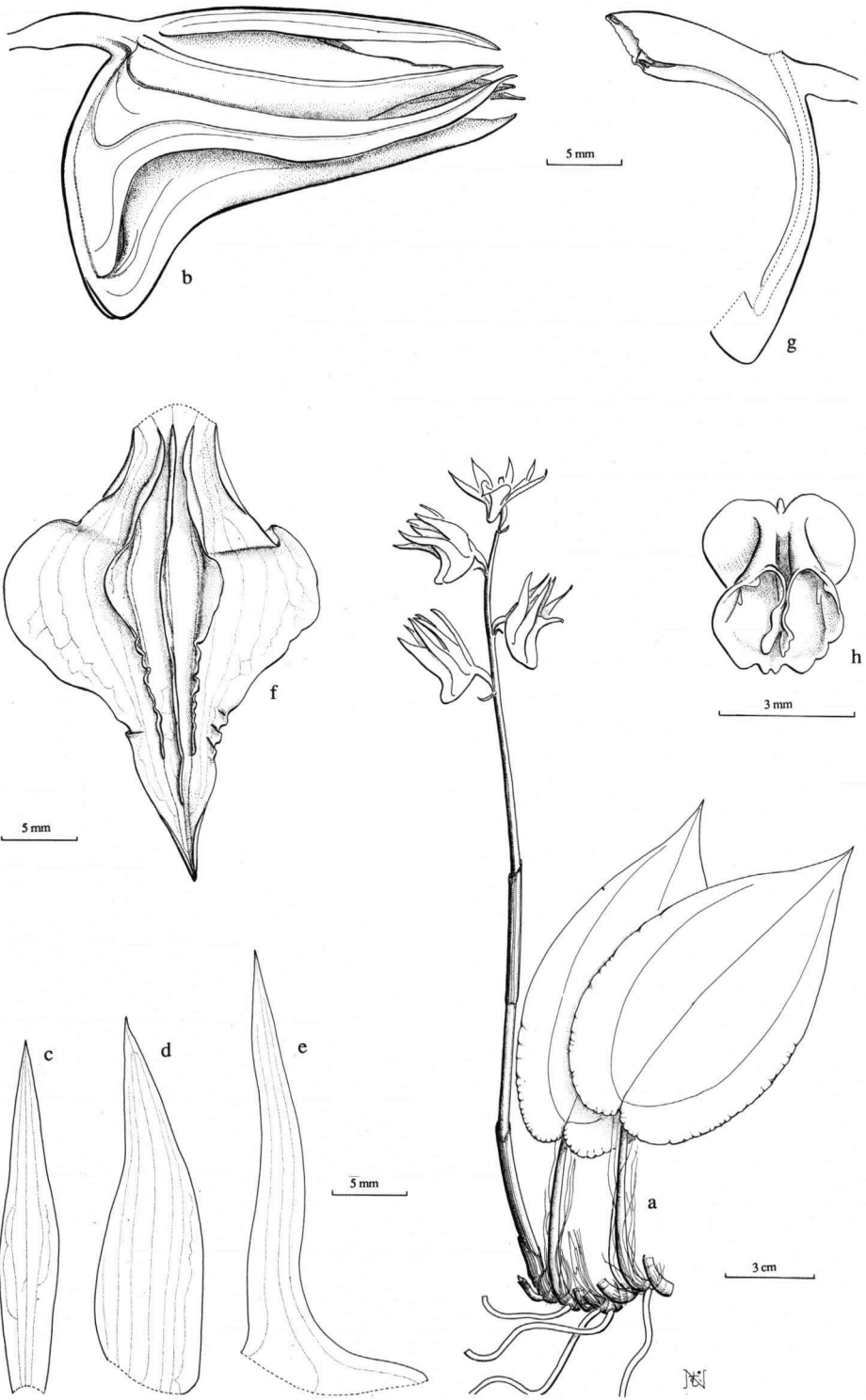


Fig. 33.

Rolfe



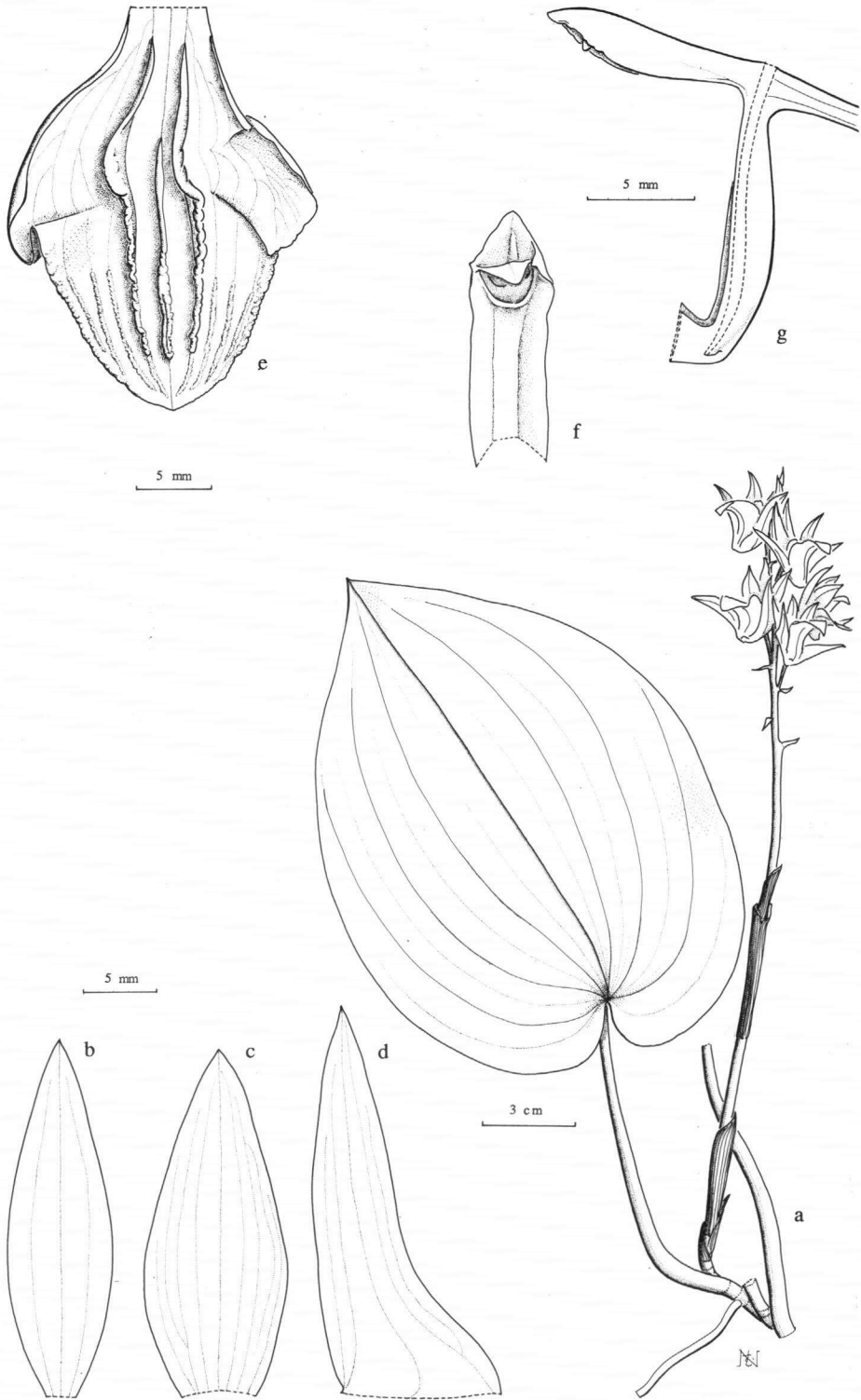


Fig. 35.

H. Turner

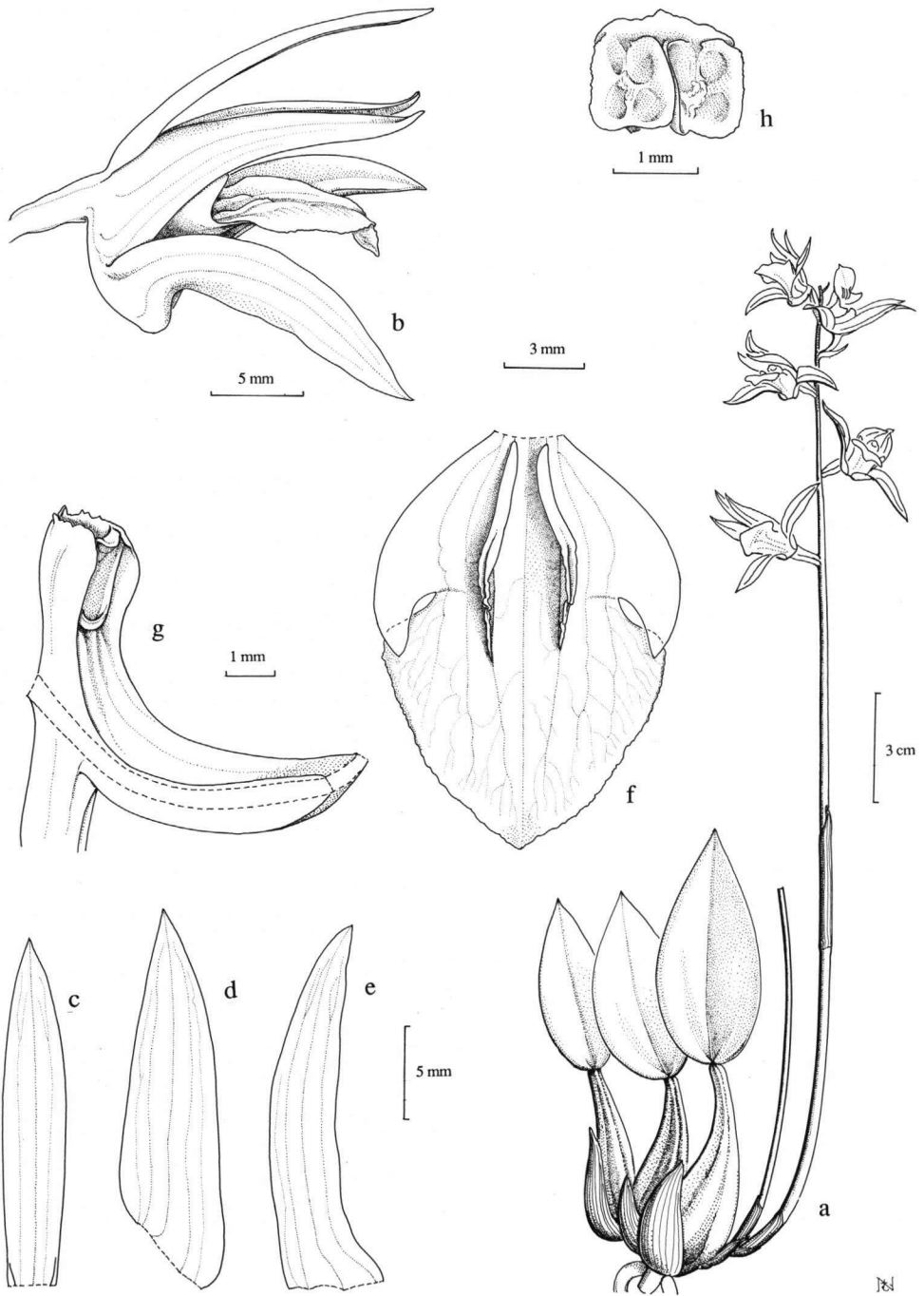


Fig. 36.

Seidenf. in H. Turner

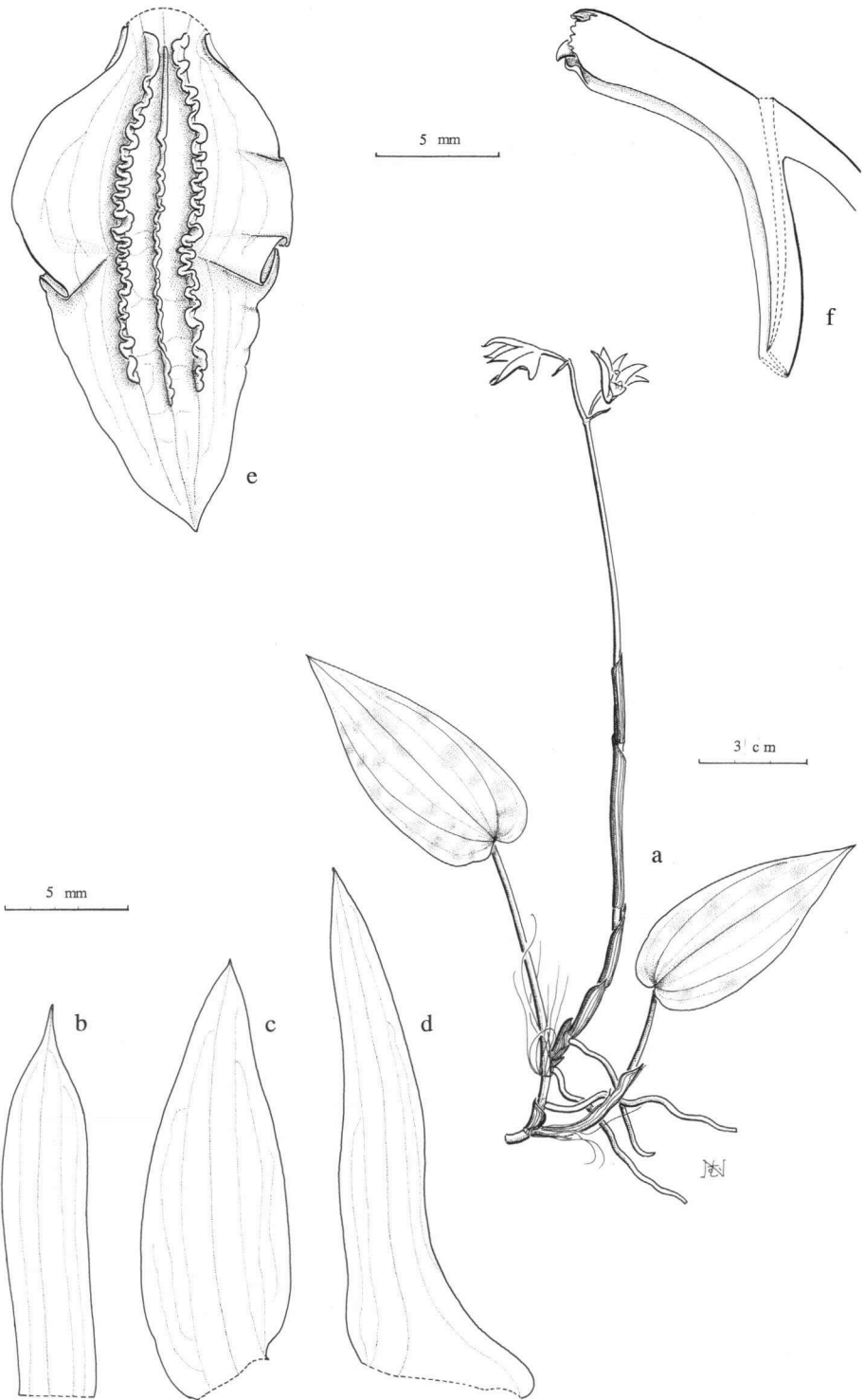


Fig. 37.

(J.J. Smith) H. Turner

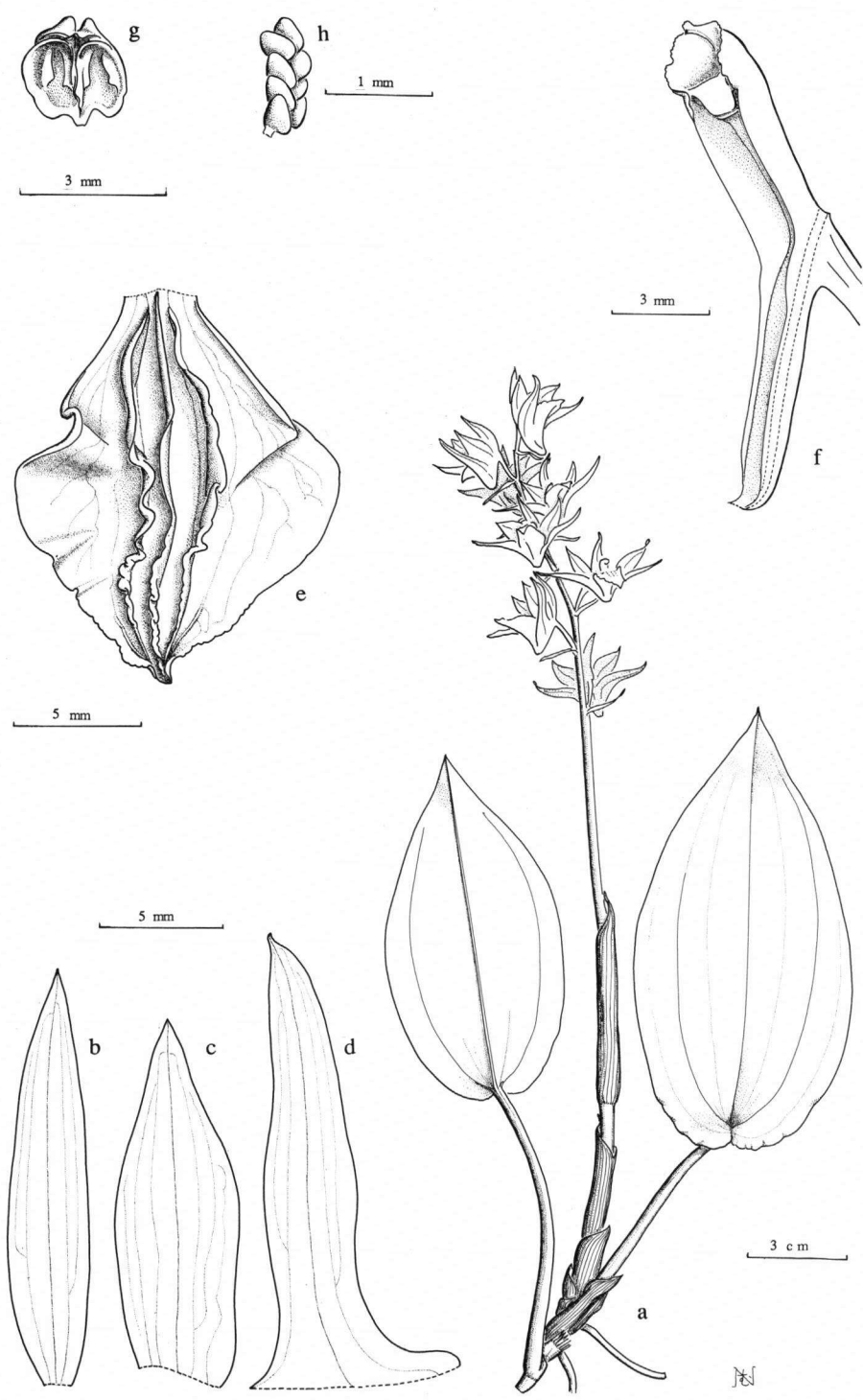


Fig. 38.

Tang & Wang

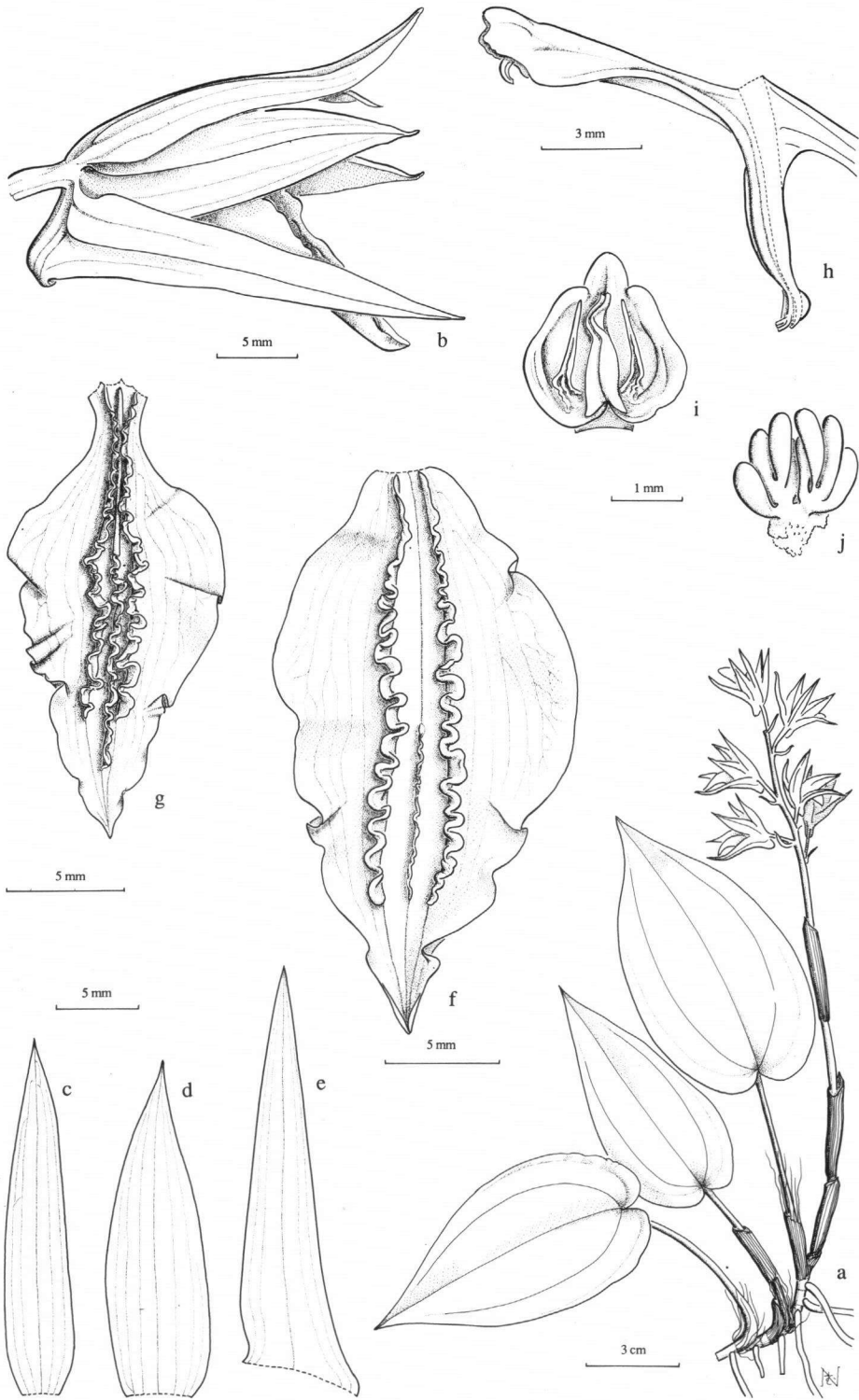


Fig. 39.

(J.J. Smith) Schltr.

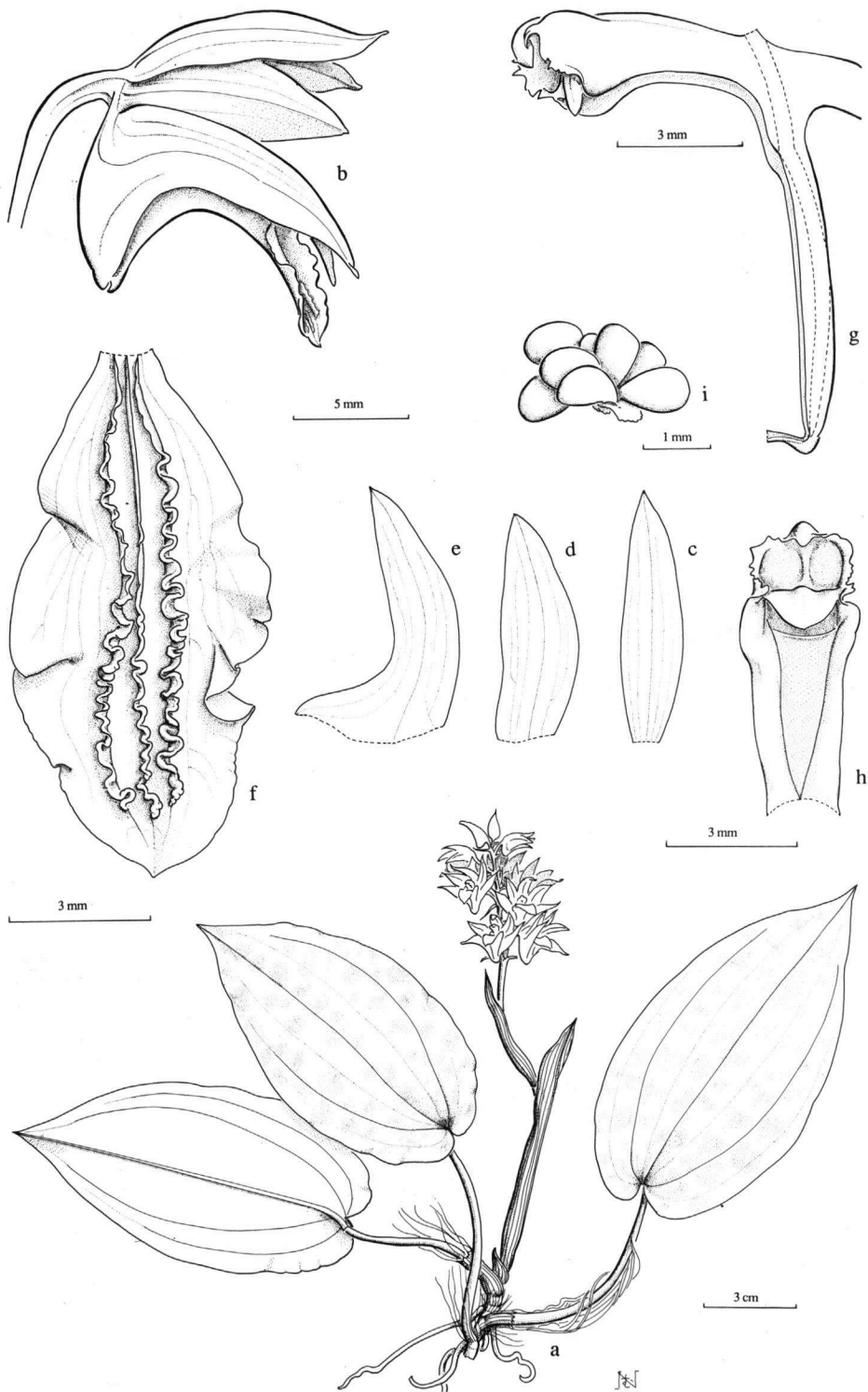


Fig. 40.

(Hook. f.) Schltr.

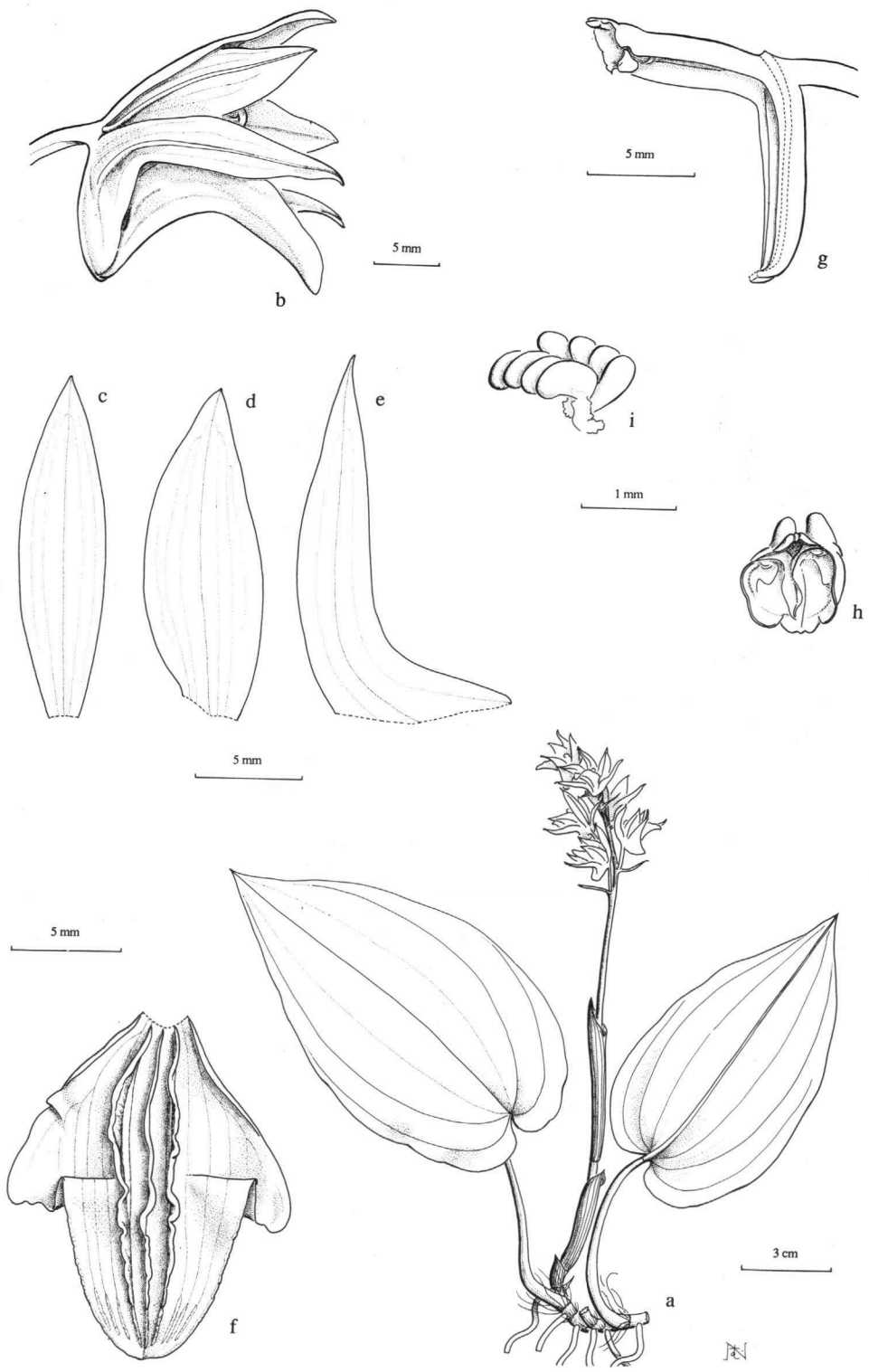


Fig. 41.

(Hook. f.) Rolfe

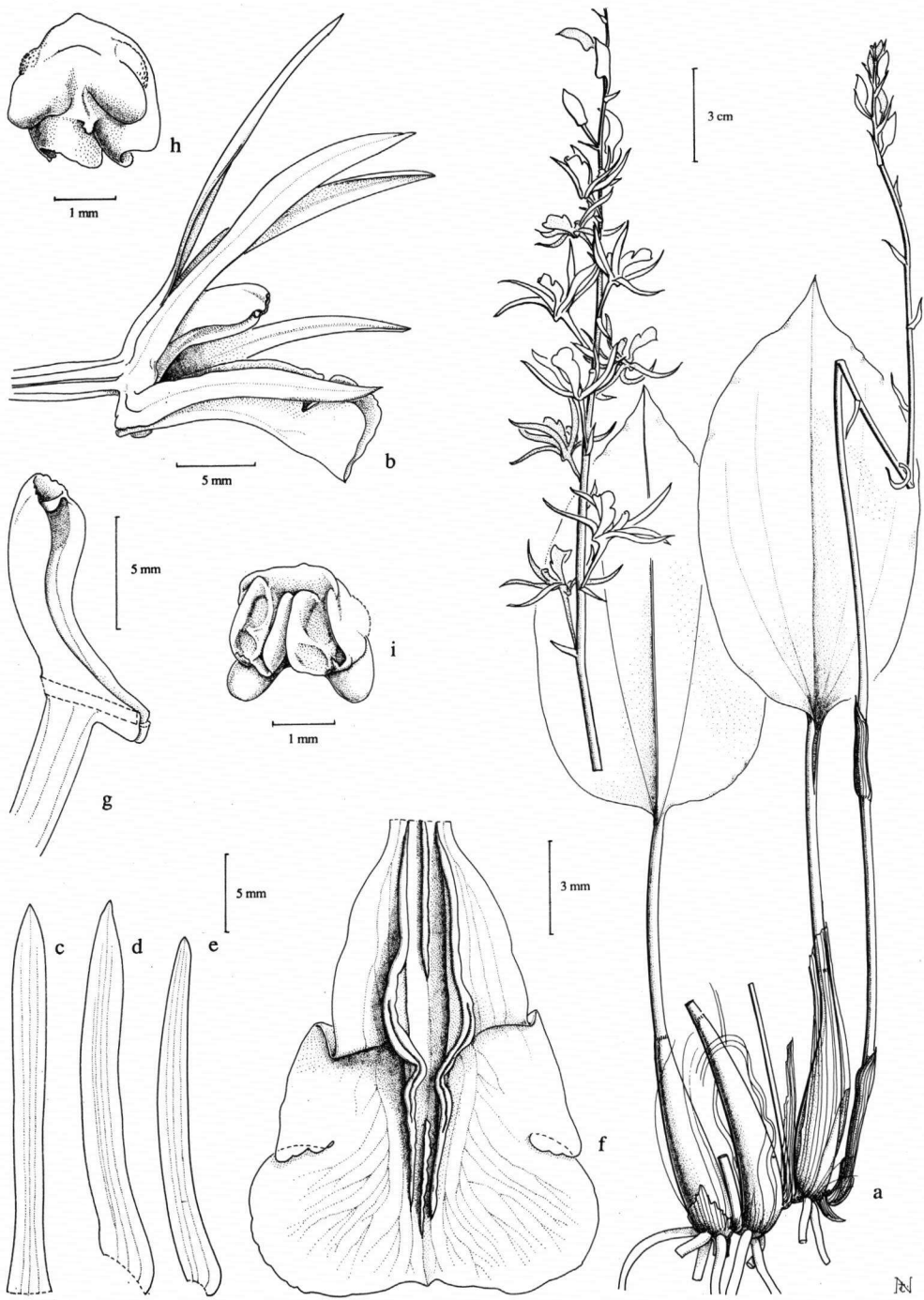


Fig. 42.

(Lindley) Reichb. f.

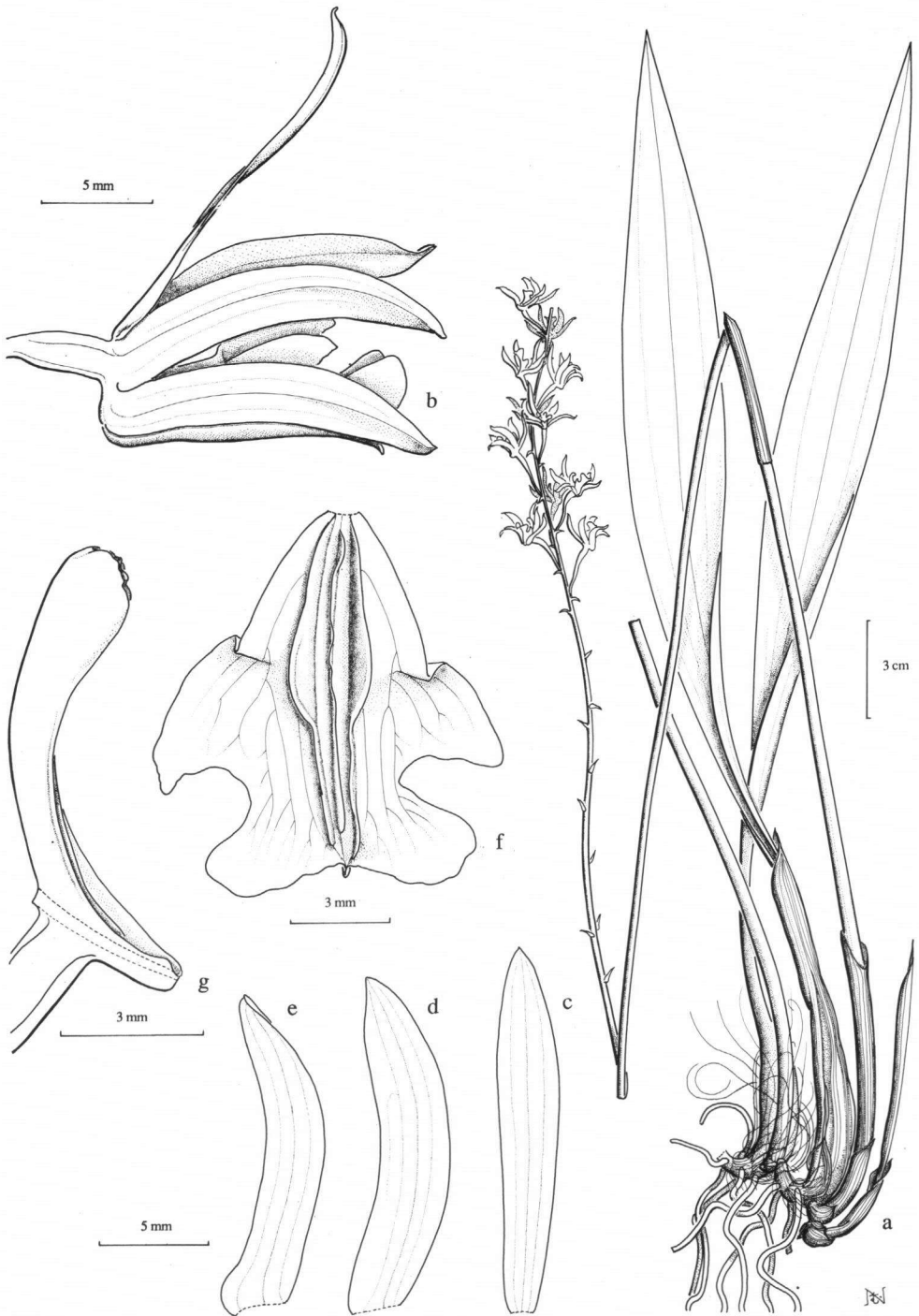


Fig. 43.

Rolfe



Fig. 44.

(Lindley) Reichb. f. subsp.

(J.J. Smith) H. Turner

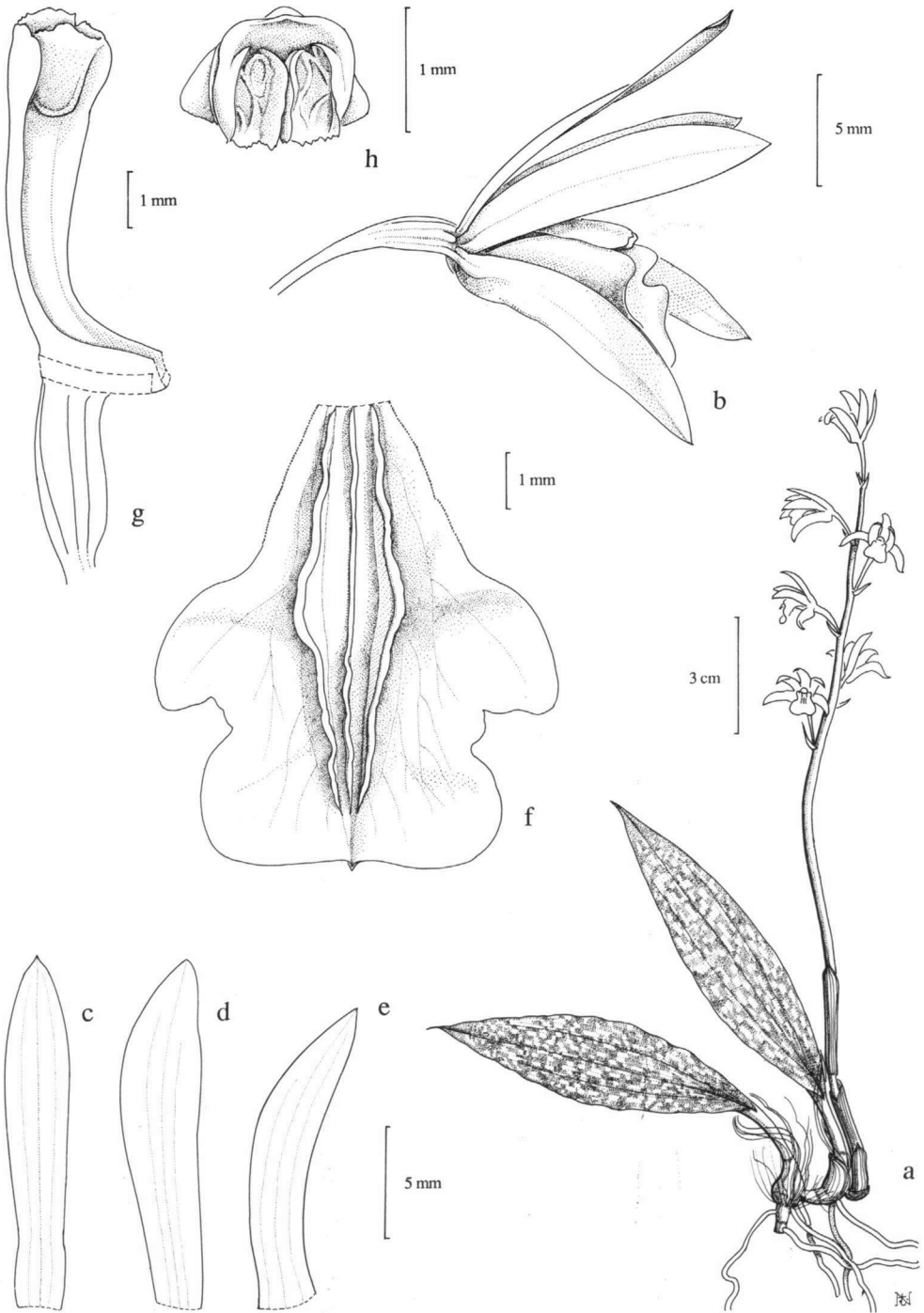


Fig. 45.

(Ito ex Makino) Makino

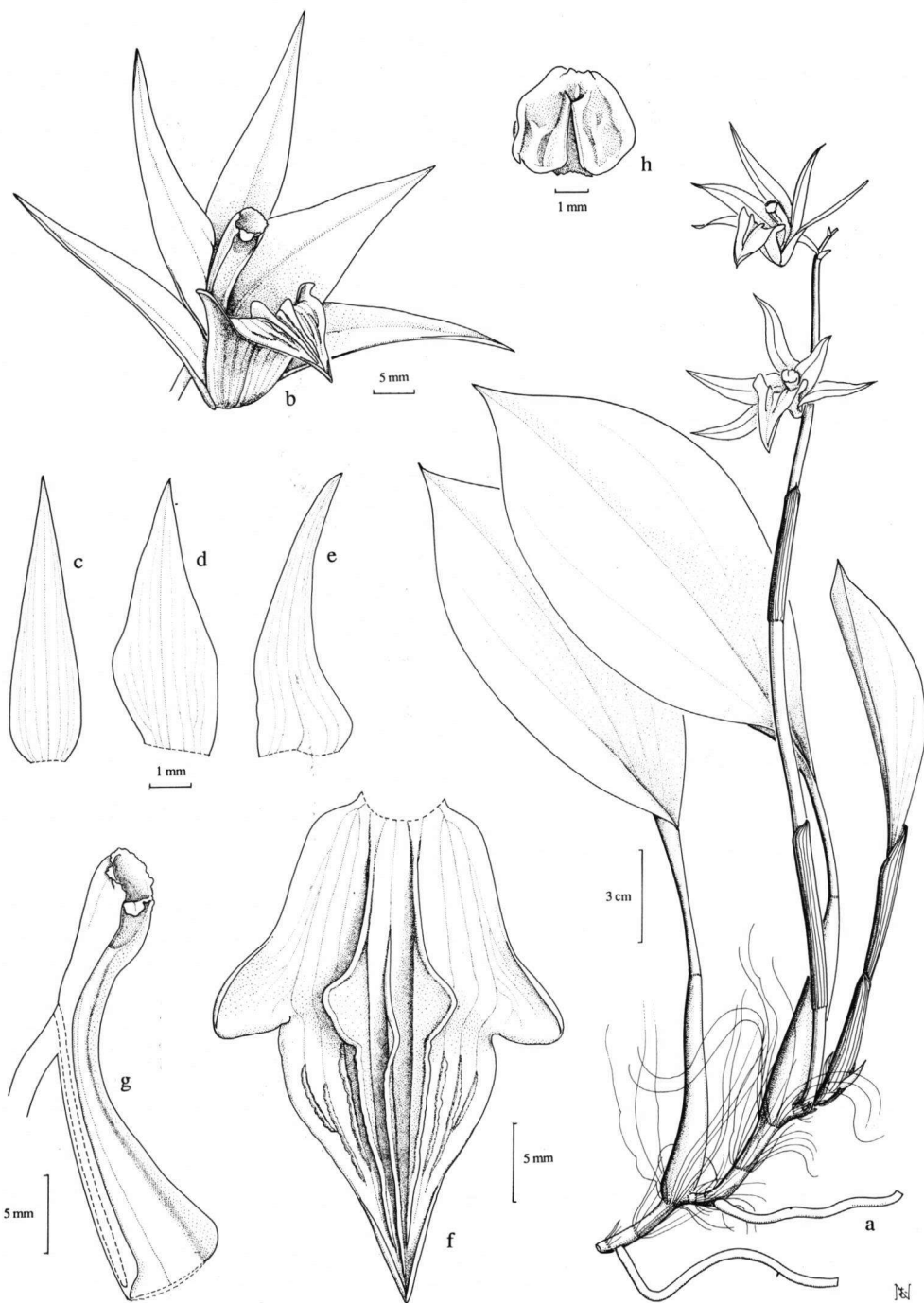


Fig. 46.

Hook. f.



Fig. 47.

Hook. f.

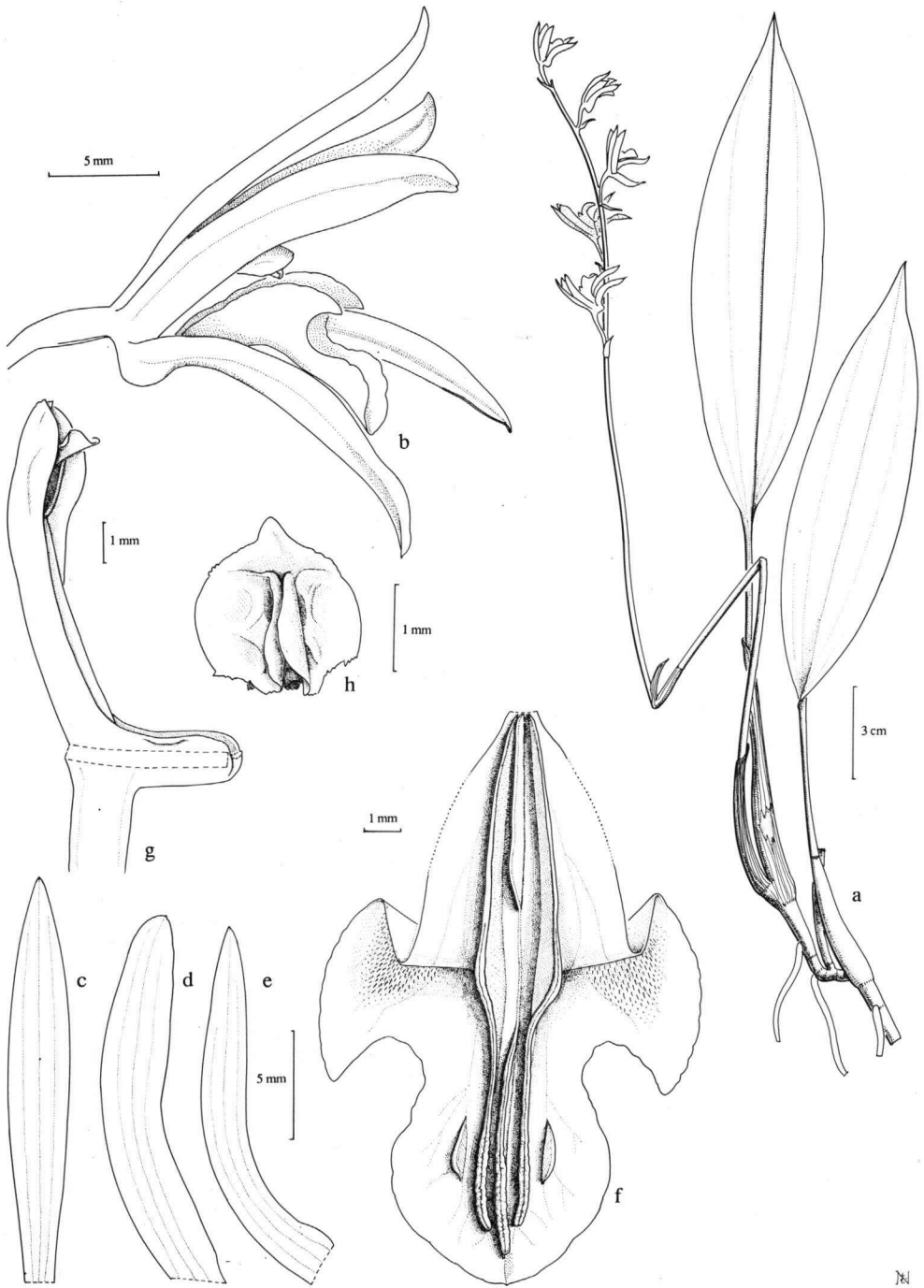


Fig. 48.

Hook. f.



Fig. 49.

H. Turner

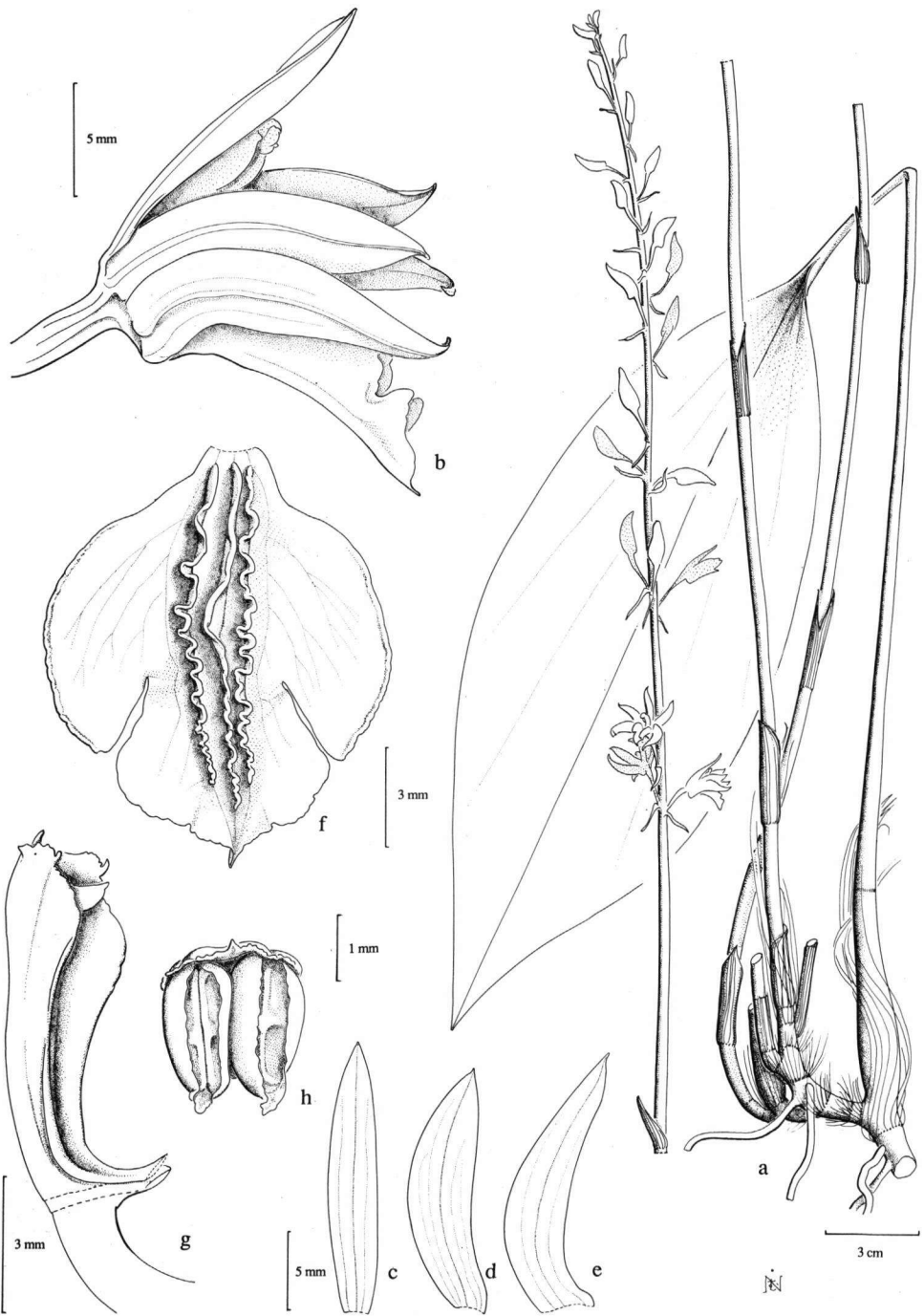


Fig. 50.

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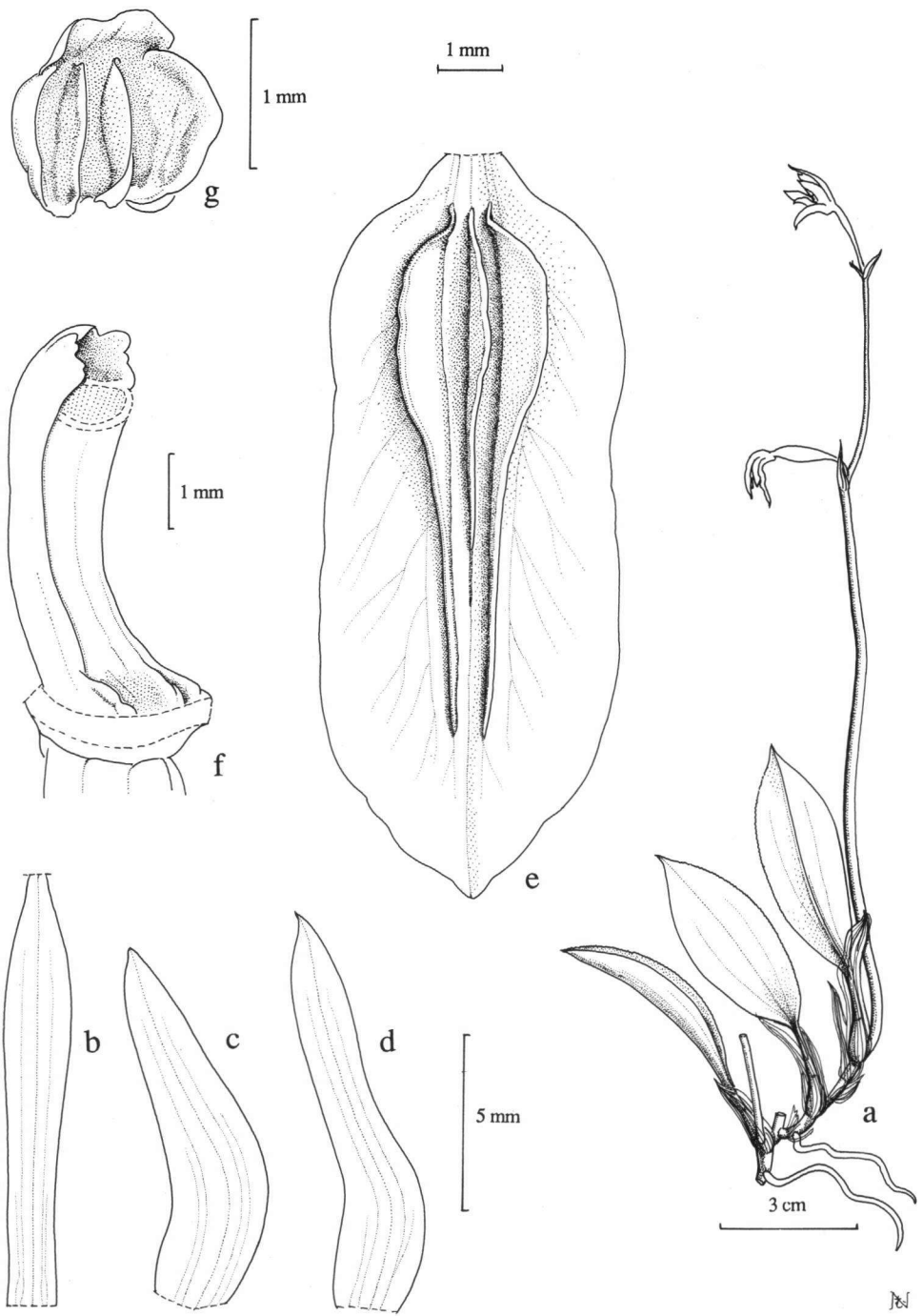


Fig. 51.

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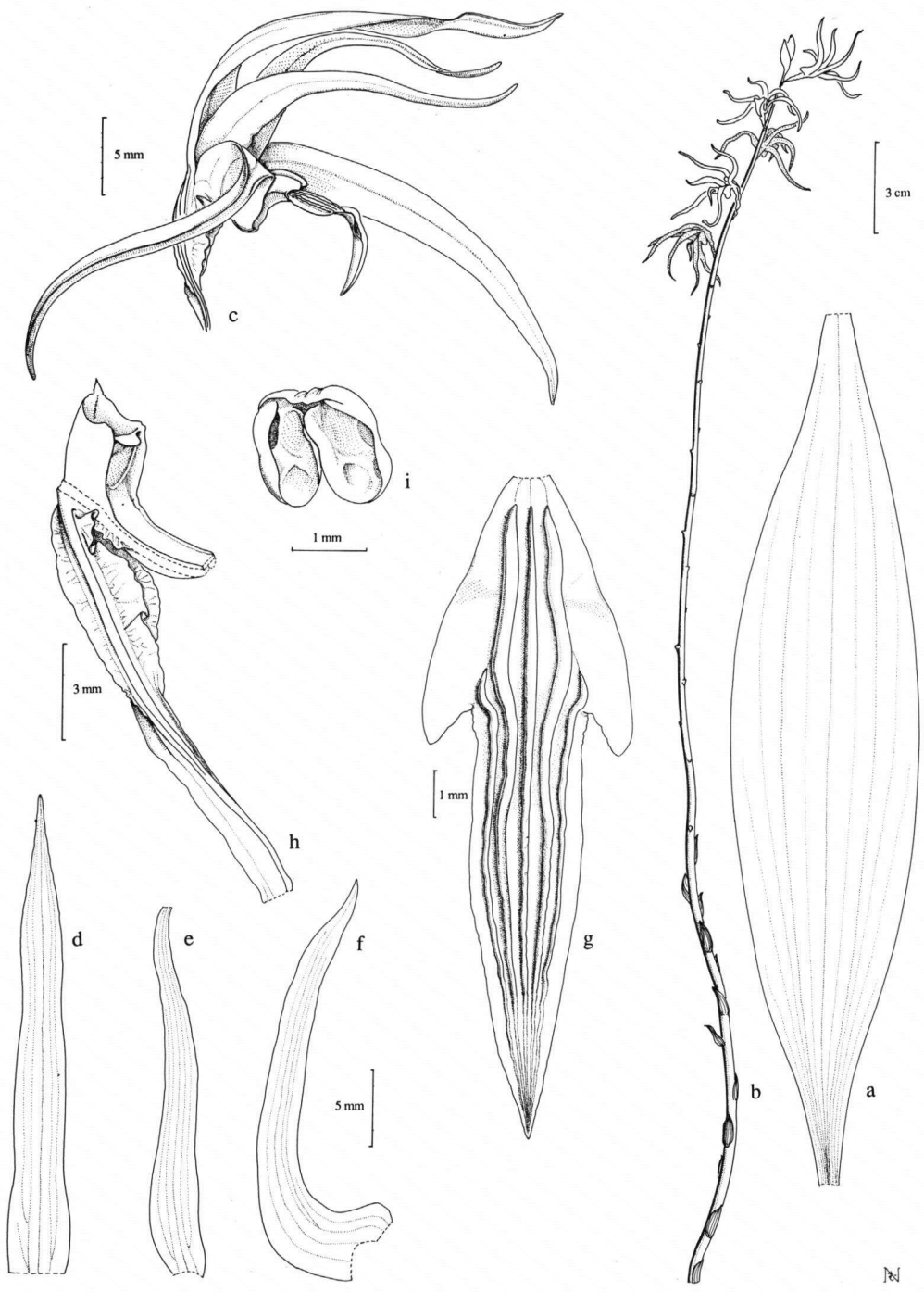


Fig. 52.

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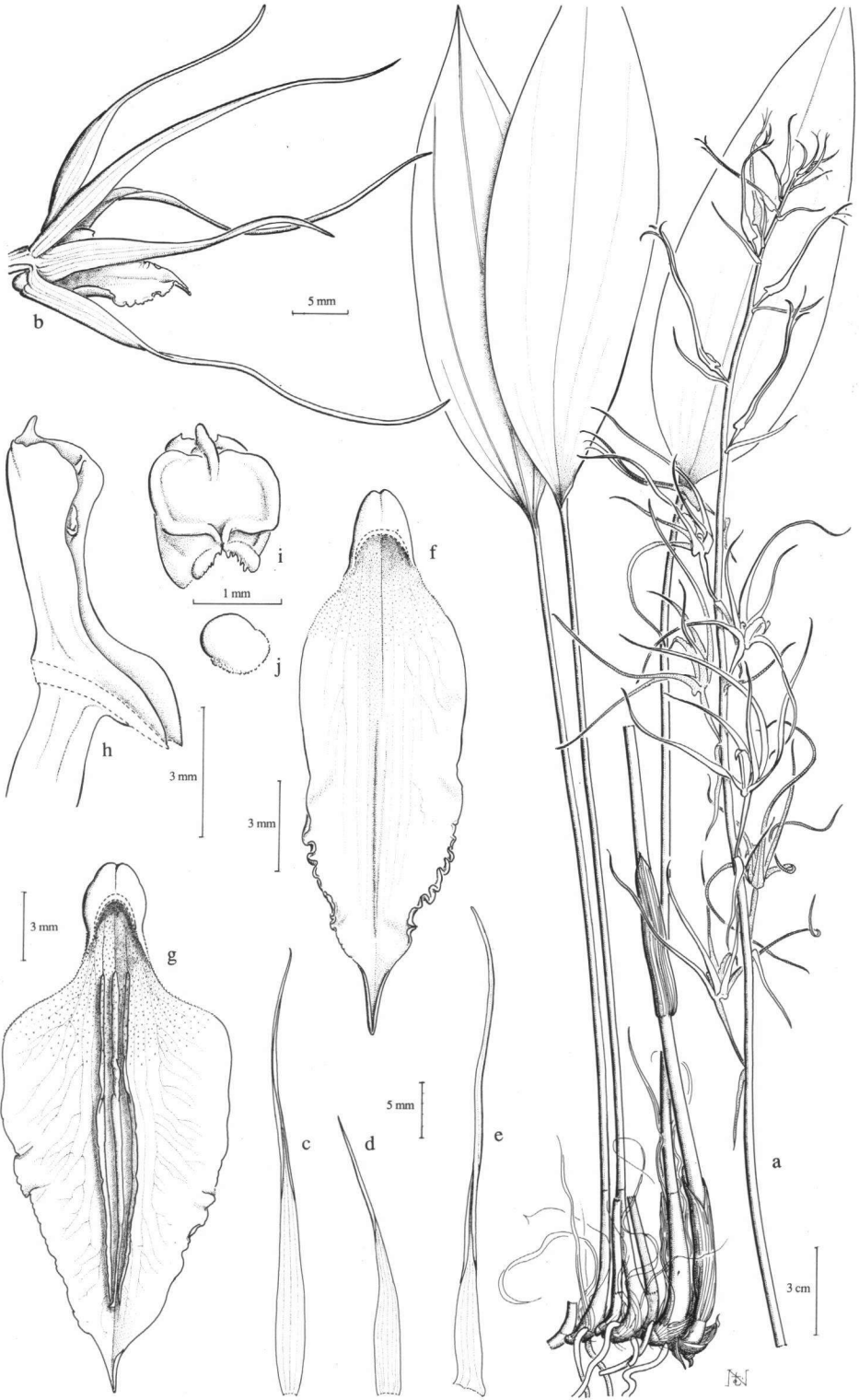


Fig. 53.

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Fig. 54.

(Blume) Reichb. f.

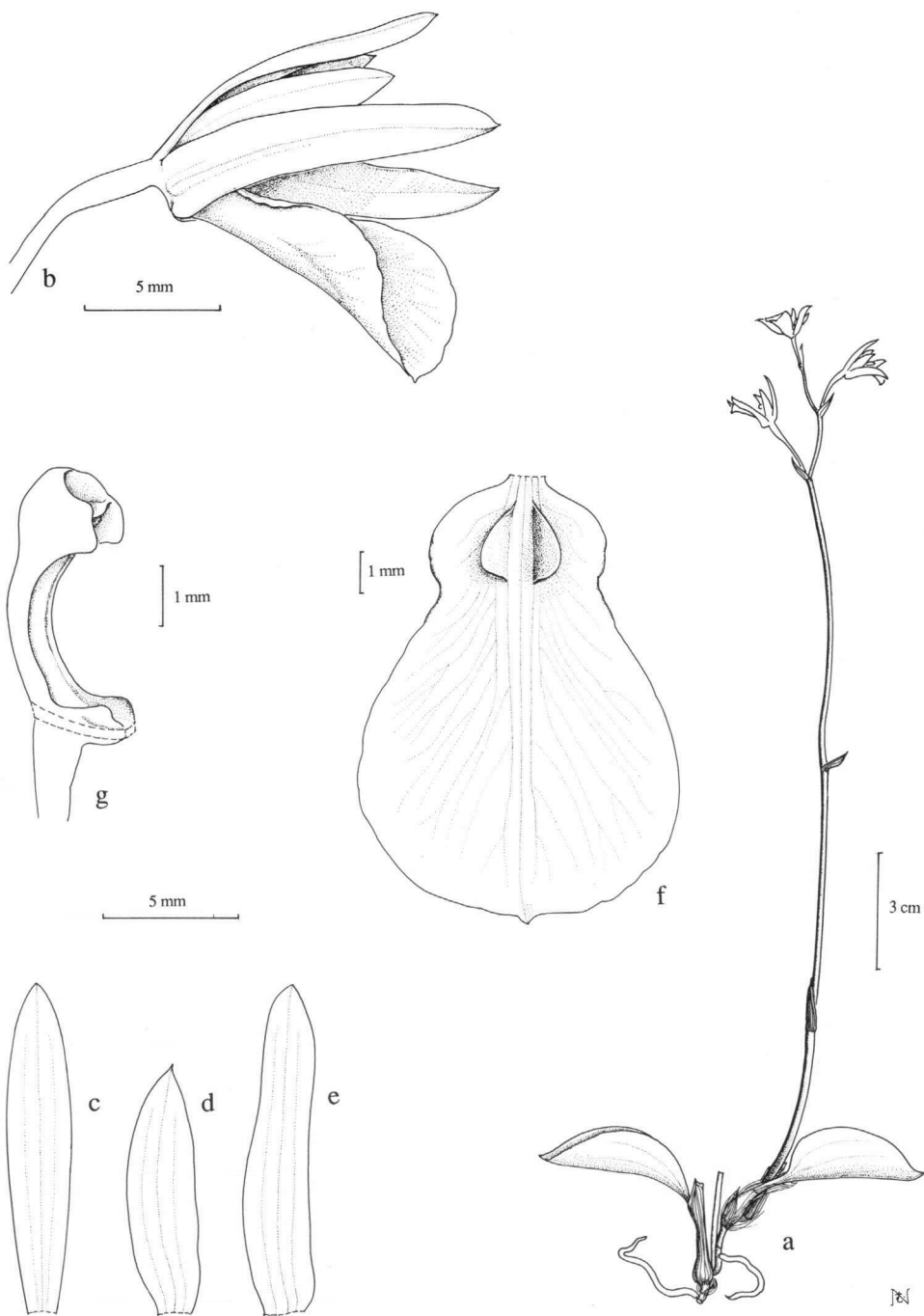


Fig. 55.

Ridley

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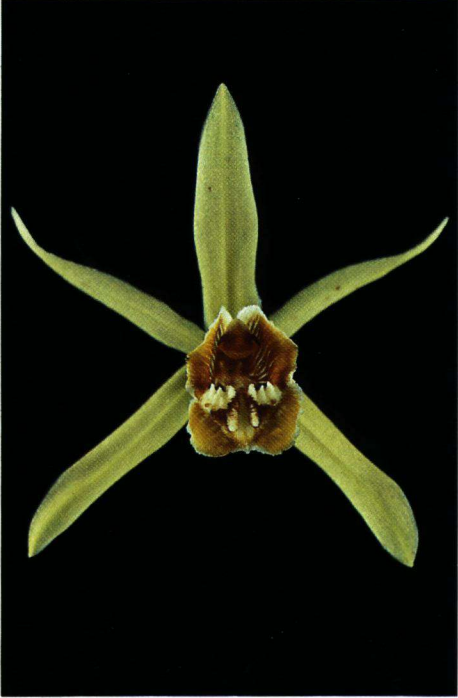
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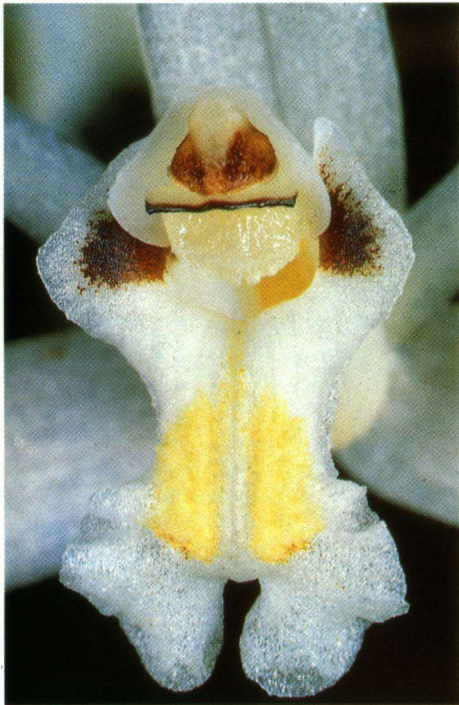
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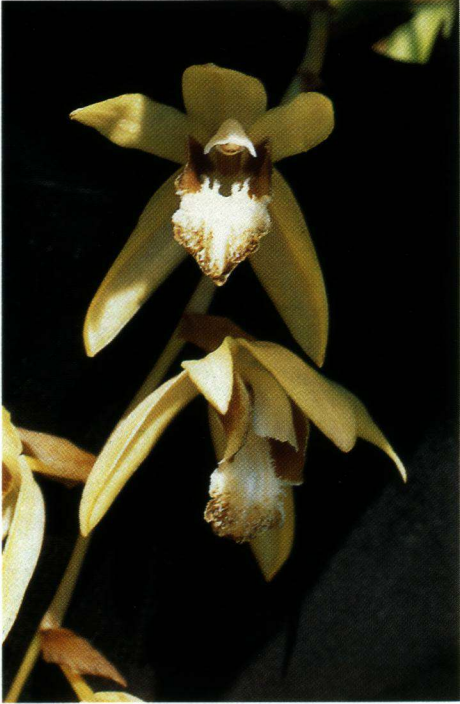
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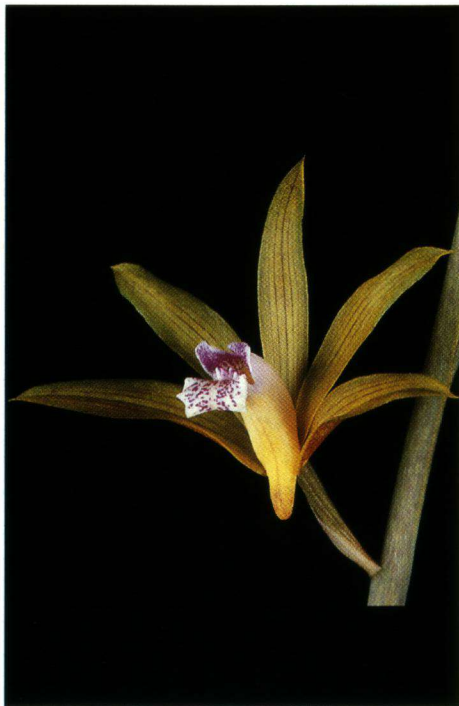
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d. A. Lamb in H. Turner (6)



a. S. Y. Hu & Barretto (7)



b. (Hk. f.) Schltr. (1)



c. H. Turner (3b)



d. Makino (4)



a. Hook. f. (6)



b. (Breda) J. J. Smith (9)



c. Carr (10)



d. Blume (12)