

17. *Hedychium* aff. *hirsutissimum* Holtt.- Fig.17

Leafy stem c 80 cm tall. *Leaves* sessile, blades elliptic-oblong, the apex acuminate, the base rounded or cuneate, the upper surface glabrous, the lower surface more or less pubescent; ligule membranous, ovate-oblong, 3-3.5x 1.5-2 cm, sparsely hairy, the apex rounded. *Inflorescence* from the lowest bract to the top c 13 cm long, lax-flowered; rachis visible, hirsute; peduncle c 5 cm long, bracts oblong, c 1-1.4 cm long, hairy, the apex rounded; bracteoles broadly ovate, c 1.2 cm long, hairy, the apex rounded. *Flowers* two in each bract; *calyx* c 1.6 cm long, hairy, the apex bifid; *corolla-tube* c 3 cm long, the lobes linear, the dorsal lobe c 3.8 cm long, the lateral lobes c 3.4 cm long; *staminodes* linear, or oblanceolate-linear, the apex narrowly obtuse, c 3.6 cm long, and c 0.5 cm wide (at the widest); *labellum* elliptic-oblong, c 3.2x1.9 cm, deeply divided lower than half; *stamen*: filament c 5.4 cm long, anther c 6 mm long, basal appendages c 1 mm long, anther-crest slightly beyond the thecae; *ovary* c 2x2 mm, densely hairy; ovules several; stylodes linear, c 3 mm long. *Fruit* not seen.

Notes.- This species is closely related to *H. hirsutissimum* Holtt. but differs by the following characters : (1) bracts and calyx shorter, (2) two flowers within each bract, (3) corolla-tube, staminodes and anther longer.



A

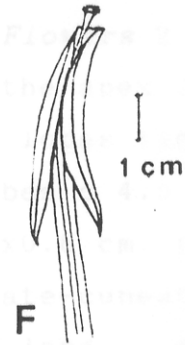
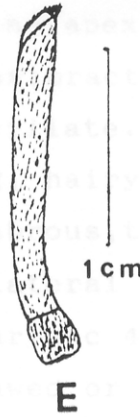
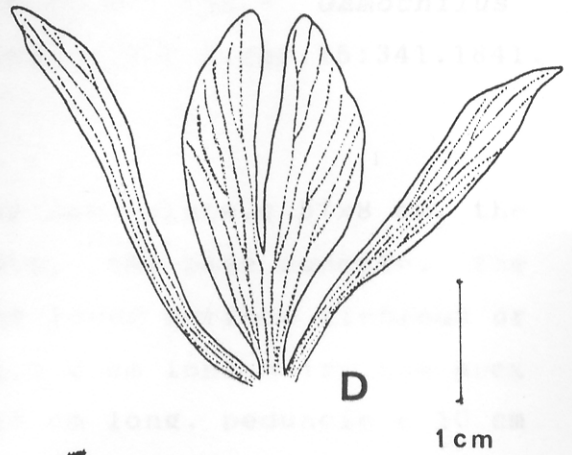
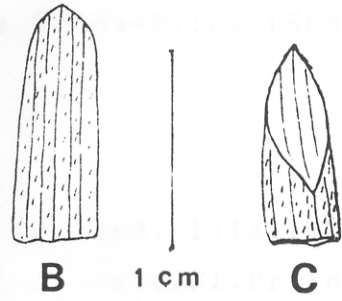


Fig.17. *Hedychium* aff. *hirsutissimum* Holtt. - A: specimen, Murata et. al. T-16946; B: bract; C: bracteole; D: labellum and staminodes; E: calyx and ovary; F: anther and stigma; G: ovary and stylodes.

Specimens examined.- Murata et.al.T-16946, Tak (Khao Pha Wo), alt.c 750 m, 23 July 1973.

Ecology.- On limestone hill.