biculbar, c 3.2 x 3.2 cm, the apex bilobed, the cleft c 0.8 cm; stamen: filament 4.5-5 cm long, anther c 1.2 cm long; ovary c 4 x 2 mm, densely long hairy; stylodes linear, truncate, c 5 mm long.

Thailand: NORTHERN: Mae Hong Son (Khun Yuam).
Distribution: Burma, South China (Yunnan, type), Indochina.
Ecology: In evergreen forest.

16. Hedychium aff. griffithianum Wall. — Fig. 16

Leafy stem c 60 cm tall. Leaves sessile, blades elliptic, rarely elliptic-oblong, 15-25 x 8-11 cm, the apex acuminate, the base cuneate, the upper surface glabrous, the lower surface densely hairy; ligule c 1.5 cm long, bilobed, hairy. Inflorescence lax-flowered, from the lowest bract to the top c 11 cm long; the rechis visible, glabrous; peduncle c 7 cm long; bracts oblong, c 2.5 x 0.5 - 0.8 cm, the apex rounded with dense hairs; bracteoles lanceolate, c 1.1 x 0.5 cm, the apex acute with dense hairs. Flowers only one in each bract; calyx c 3 cm long, the tube long hairy, the apex shallowly bilobed, densely long hairy; corolla-tube c 7.5 cm long; the lobes linear, c 2.5 x 0.2 cm; staminodes linear, c 2.5 x 0.2 cm; labellum divided to the base, each lobe elliptic-oblong, c 2.0 x 0.4 cm; stamen: filament c 2.8 cm long, anther c 0.5 cm long, basal appendages c 1 mm long; ovary c 3 x 1.5 mm long, densely hairy, ovules few; stylodes c 1.5 mm long, the apex truncate. Fruit not seen.

Notes: This species is closely related to H. griffithianum Wall. but differs by the following characters: (1) no glands on the leaf surfaces, (2) densely hairy on the lower leaf surface, (3) smaller and deeper divided labellum, (4) small anther.
Fig. 16. *Hedychium aff. griffithianum* - A: specimen, Beusekom and Phengklai 1348; B: bract; C: bracteole; D: flower; E: calyx and ovary; F: ovary and stylodes.
Specimens examined: Van Beusekom and Phengklai 1348, Chiang Mai (Doi Chiang Dao), alt. c 2050 m, 20 June 1968. Ecology.—On limestone ridge in evergreen forest.

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, 3-3.5 x 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 ob lanceolate-linear, the apex narrowly obtuse, c 3.6 cm long, and c 0.5 cm wide (at the widest); *labellum* elliptic-oblong, c 3.2 x 1.9 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 2 x 2 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.