than the dorsal lobe, the apex acute; staminodes reddish-orange, clawed, the blade oblanceolate or obovate-cuneate, 1-1.6 x 1 cm, the claw c 1 cm long, the apex acute or mucronate, the margin irregularly dentate; labelium reddish-orange, distinctly clawed, the blade orbicular, c 1.5x1 to 2 x 2 cm, deeply divided; stamen: filament c 6 cm long, anther dark red, c 1 cm long, basal appendages c 3 mm long; anther-crest not beyond the thecae; ovary c 4 x 2.5 mm, densely long hairy, ovules many; stylodes linear, blunt, c 3 mm long.

Thailand: NORTHERN: Chiang Mai (Doi Chiang Dao, Doi Pui, Doi Suthep).

Distribution: India, Nepal (type), Burma, Indochina (Laos)

Ecology: In mixed deciduous or evergreen forest, alt. 1200-1500 m.

Vernacular: Khaa dong (กกน) (Northern).


- H. speciosum Wall. in Roxb. Ind. i. p.13, Cat. Herb. n.6550.- Fig.14

Leafy stem 1-2 m tall. Leaves sessile; blades elliptic-oblong, 40-50x10-11 cm, the apex caudate, the base acute cuneate, the upper surface glabrous, the lower surface long hairy; ligule oblong, 2-2.5 x 1.5 cm, hairy, the apex rounded. Inflorescence: spike 20-30 cm long, peduncle c 5 cm long, bracts folded, ovate-oblong, c 5 x 2.8 cm,
Fig. 14. *Hedychium gardnerianum* -  
A: specimen, Kerr 1305;  
B: bract; C: bracteole; D: inflorescence; E: calyx and ovary.
hairy near the apex and margins except apex, the apex acute; bracteoles tubular, c 2.6 x 1.8 cm, hairy, the apex bifid with long hairs. *Flowers* 4-5 in each bract; calyx hairy throughout, c 4.5 cm long, the apex 3-lobed; corolla-tube c 5.5 cm long, glabrous, the lobes linear, c 5 cm long, the lateral lobes a little shorter than the dorsal lobe; staminodes oblong-ovate, c 3.5 x 0.5 cm, the apex broadly acute; labellum suborbicular, shortly clawed, the claw 0.5-0.8 cm, the blade 2.5 - 3 cm, the apex shallowly bilobed; stamen: filament c 6 cm long, anther c 1.4 cm long, basal appendages c 3 mm; ovary c 2 mm long, densely hairy; stylodes linear, c 3 mm long.

**Thailand.** - NORTHERN: Chiang Mai (Doi Suthep).

**Distribution.** - India, Nepal (Himalaya, type).

**Ecology.** - In evergreen forest, alt. c 1600 m.

15. *Hedychnium forrestii* Diels in Notes Bot. Gard. Edin 5:304. 1912. - Fig.15

Leafy stem c 1 m tall. *Leaves* sessile; blades oblong, 40-50 x 7-8 cm, the apex caudate, the base acute and cuneate, the upper surface sparsely hairy, the lower surface white pubescent; ligule oblong, 1-2.5 cm long, densely hairy, the apex rounded, *Inflorescence*: spike 15-20 cm long, peduncle 2 - 4 cm long, rachis densely hairy; bracts not imbricate, folded, oblong, c 4.5 x 1.8 cm, hairy, the apex acute; bracteoles tubular, c 2.3 cm long, the apex bifid. *Flowers* about 4 in each bract; calyx c 3.5 cm long, hairy, the apex bifid, divided along one side; corolla-tube 5-6 cm long, glabrous, the lobes linear, the dorsal lobe c 4.2 x 0.2 cm, the lateral lobes c 3.8 x 0.2 cm; staminodes elliptic, c 3 x 1.5 cm, the apex rounded or broadly acute; labellum subor-