filament c 3 cm long, glabrous, white; anther c 1 cm long, basal appendages 3-4 mm; anther-crest c 0.5 mm long; ovary 3-5x2.3 mm, glabrous, ovules many; stylodes linear, c 3 mm long.

Thailand.- NORTHERN: Chiang Mai (Doi Intanon, Doi Chiang Dao, Doi Suthep); widely cultivated.

Distribution.- India (type), widespread throughout tropical countries.

Ecology.- In open marshy ground, alt. 600-1100 m.

Vernacular.- Mahaahong (มะหาหอง) Krathaai hoen (กระเทยห้อง) (Central), Hoen kaeo (ห้องขาว), Hoen kham (ห้องห้ม) (Northern).


Leafy stem 1.5-2 m. tall. Leaves sessile; blades elliptic-oblong, 48-56 x 10-12 cm, the apex long acuminate, the base cuneate, the upper surface glabrous, the lower surface long white hairy; ligule membranous, oblong, c 5 cm long, hairy. Inflorescence sightly bent, from the lowest bract to the top 12 - 15 cm long; peduncle 2-3 cm long, bracts green, sparsely hairy, the lower bracts obovate or broadly elliptic, 4.5 - 5 x 4 - 4.5 cm, the apex rounded, rarely broadly acute; the upper bracts oblong, c 5x2.7 cm, the apex rounded; bracteoles white, hairy, folded, oblong, c 3x2 cm, the apex unequally 3-lobed. Flowers about 4 in each bract; calyx pale yellow, c 4.5 cm long, hairy,
Fig. 10. *Hedychium flavescens* - A: inflorescence; B: lower bract; C: upper bract; D: bracteole; E: flower; F: calyx and ovary; G: ovary and stylodes.
the apex bi- or tri-dentate; *corolla-tube* pale yellow, c 8 cm long, the lobes yellow, linear, c 3.8x0.5 cm, the apex of the dorsal lobe hooded, aristate, of the lateral lobes slightly hooded, blunt; *staminodes* yellow, elliptic-oblong or oblong, clawed, 4-4.5 x 1.2-1.4 cm, the apex rounded; *labellum* yellow, darker at the centre, obovate, c 4x3.2 cm, the apex bilobed; *stamen* : filament yellow, c 3.7 cm long; anther dark yellow, curved, c 1.5 cm long, basal appendages 3.4 mm, anther-crest not beyond the thecae; *ovary* c 4.3 mm, brownish hairy, ovules many; *stylodes* yellow, linear, c 3-5 mm. long.

Thailand.- NORTHERN : Mae Hong Son.

Distribution.- India (Himalaya, type).

Ecology.- Open area, cultivated as ornaments.

Vernacular.- Taa hoon lueang (ต้าห้วยหลีเวงศ์).

11. *Hedychium* aff. *aurantiacum* Wall. Fig.11

*Leaves* sessile; blades elliptic-oblong, 40-50x8-9 cm, the apex long acuminate to caudate, the base acute, the upper surface almost glabrous, the lower surface hairy; ligule oblong, 6-7 cm long, of the uppermost leaf shorter (only 3 cm), hairy, the apex acute. *Inflorescence*: spike 8-9 cm long, peduncle c 5 cm long; bracts imbricate, oblong 3-3.5 x 1.2 cm, densely hairy, the apex broadly acute to oblong; bracteoles tubular, c 2.2 cm long, hairy, the apex broadly acute. *Flowers* c 3 in each bract; *calyx* c 1.2 cm long, deeply divided along one side, densely hairy, the apex bifid; *corolla-tube* c 3.5 cm, the dorsal lobe c 2-3 cm long, the apex caudate, hooded, the lateral lobes c 2.0 cm, the apex acute; *staminodes* oblong-elliptic, 2.2-2.5 cm long, and 3 mm wide (at the widest); *labellum*