

9. *Hedychium coronarium* Koen.in Retz.Obs.3.73.1783; Smith, Exotic. Bot.ii.t.107.1805; Roscoe in Trans.Linn.Soc.8. 343.t.20,fig.6.1807; Roxb., Fl. Indica ed.1.1:9. 1820; Monandr. Plants.t.51.1828;Wall.in Hook. Kew Journ.Bot. V:325.1853;Horan.Monogr.: 24.1862. Bak.in Hook.f.Fl.Br. Ind.6:225.1892; Schum.in Pflanzenreich 4.46.44.1904. - Fig.9

Leafy stem 1-1.5 m.tall. **Leaves** sessile;blades oblong or oblong-lanceolate, 30-40x6-7 cm, the apex acuminate,the base cuneate,the upper surface glabrous, the lower surface long hairy; ligule membranous, c 3 cm long, hairy. **Inflorescence** erect,12-15 cm long;peduncle c 5 cm long; bracts green, glabrous except the apex and margins, the lower bracts broadly elliptic or ovate,shortly pointed, 5-6x4.5-4.8 cm,the upper bracts oblong, bluntly pointed 5-6x3-4.5 cm;bracteoles greenish-white,glabrous,folded, lanceolate,c 3-4x2-2.5 cm; the apex bifid. **Flowers** 4-5 in each bract;**calyx** greenish-white,c 4 cm long,glabrous except the apex,the apex 3-dentate ;**corolla-tube** c 9 cm long,white, the lobes linear,c 4x0.8 cm,the apex of the dorsal lobe hooded,aristate,of the lateral lobes slightly hooded, mucronate; **staminodes** white, lanceolate, c 4 x 2.5 cm, emarginate;**labellum** suborbicular, divided about one third of its length,c 5.2 x 5.5 cm, pure white with pale yellow blotch at the centre to the base ; **stamen** :

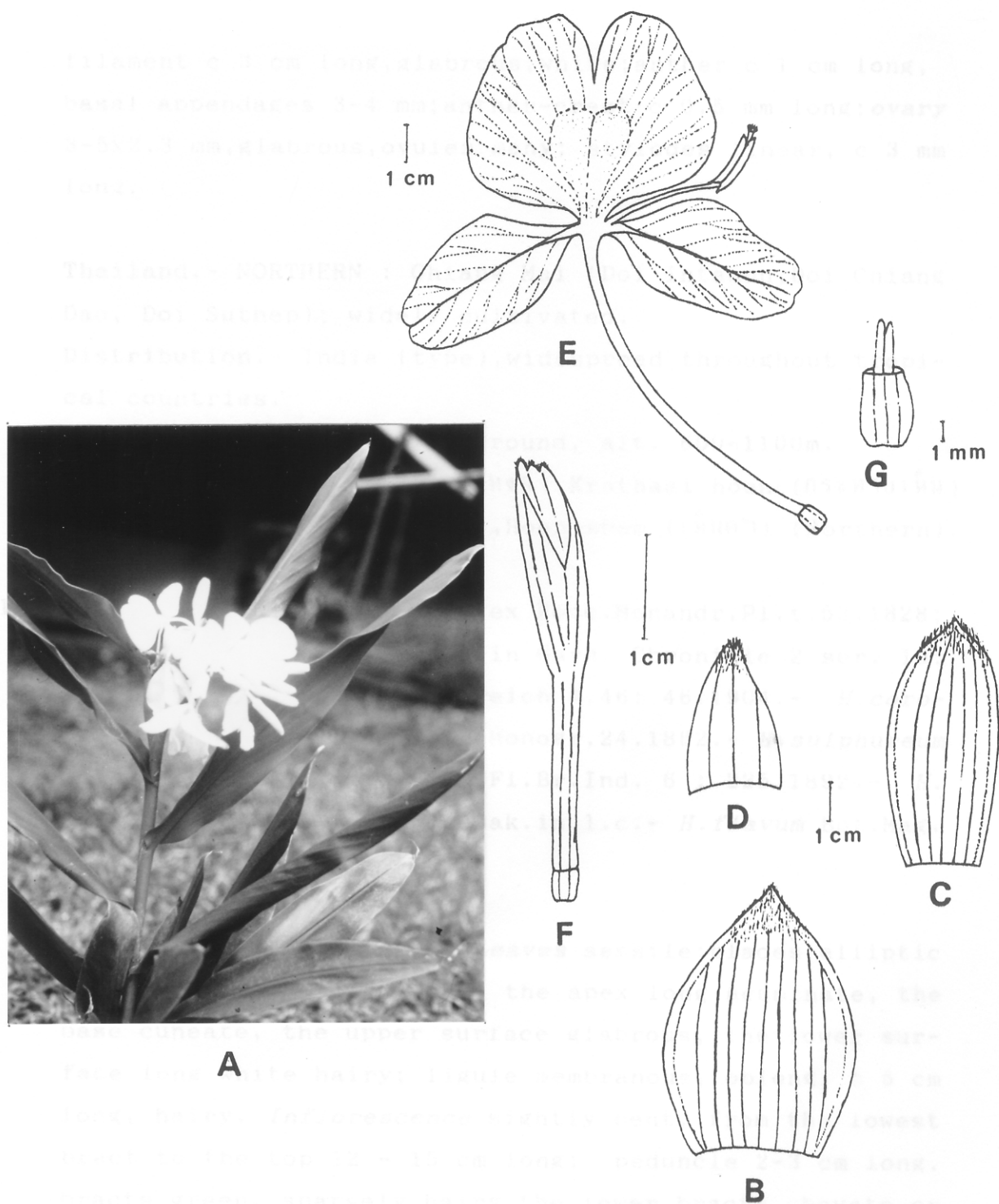


Fig.9. *Hedychium coronarium* - A: leaves and inflorescence; B: lower bract; C: upper bract; D: bracteole; E: flower; F: calyx and ovary; G: ovary and stylodes.

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. 600-1100m.

**Vernacular.**- Mahaahong (มหาหงส์) Krathaai hoen (กระต่ายเหิน) (Central), Hoen kao (เหินแก้ว), Hoen kham (เหินค้ำ) (Northern).