Key to the species of *Hedychium* in Thailand

1. Lower leaf-surface glabrous

2. Ligules shorter than 3 cm long

3. Bracts glabrous, bearing one flower

4. Plant about 50 cm tall, rarely up to 1 m tall; bracts longer than calyx; labellum deeply divided

   ------ 1. *H. aff. hookeri*

4. Plant larger, 1-1.5 m tall; bracts shorter than calyx; labellum emarginate

   ------ 2. *H. ellipticum*

3. Bracts hairy, bearing 3-5 flowers

5. Calyx about twice as long as the bract; staminodes ob lanceolate-cuneate, about 4x 0.5-0.7 cm; anther about 5 mm long

   ---- 3. *H. aff. hirsutissimum* (Kerr 12540)

5. Calyx about the same length or slightly longer than the bract; staminodes linear, 2.5-3.2x0.2 cm; anther about 3 mm long

   ------ 4. *H. collinum*

2. Ligules 3 cm long or longer (up to 10 cm in *H. erythrostemon*)

6. Bracts large, 6-9x3-4 cm, glabrous

   ------ 5. *H. erythrostemon*

6. Bracts smaller, rarely up to 5 cm long, hairy

7. Spike compact, densely flowered; bracts lanceolate, densely brownish hairy

   ------ 6. *H. longicornutum*

7. Spike elongate, lax-flowered; bracts oblong, white hairy
8. staminodes distinctly clawed, oblongate; anther linear about 1.1 cm long

  -------- 7. H. gomezianum

8. Staminodes clawed, linear; anther sagittate, about 2 mm long.

  -------- 8. H. villosum

1. Lower leaf-surface sparsely hairy to hairy at least on the midrib

9. Bracts closely imbricate, rachis invisible

10. Liguie 3-5 cm long; bracts broad, 4-5 cm wide, glabrous or sparsely hairy; stamen shorter to slightly longer than the labellum, anther 1-1.5 cm long

11. Flowers white; stamen shorter than the labellum; ovary glabrous

  -------- 9. H. coronarium

11. Flowers yellow; stamen longer than the labellum; ovary hairy

  -------- 10. H. flavescens

10. Liguie 6 - 7 cm long; bracts narrow, about 1.2 cm wide, densely hairy; stamen about twice as long as the labellum; anther about 5 mm long

  -------- 11. H. aff. aurantiacum

9. Bracts not imbricate, rachis usually visible

11. Stamen shorter than the labellum

  -------- 12. H. spicatum

11. Stamen longer than the labellum

12. Labellum orbicular or suborbicular

13. Blades linear, lower surface hairy on the midrib; labellum deeply divided

  -------- 13. H. coccineum

13. Blades oblong or elliptic-oblong; lower surface densely hairy; labellum shallowly bilobed
14. Staminodes ob lanceolate, about 3.5 x 0.5 cm; labellum shortly clawed, sub-orbicular or slightly obovate, about 3x2 cm -------- 14. *H. gardnerianum*

14. Staminodes elliptic, about 3x1.5 cm; labellum not clawed, wider, about 3.2x 3.2 cm -------- 15. *H. forrestii*

12. Labellum otherwise

15. Anther 5-6 mm long

16. Bracts glabrous, except the apex, bearing one flower

-------- 16. *H. aff. griffithianum*

16. Bracts hairy, bearing 2 flowers

-------- 17. *H. aff. hirsutissimum* (Murata. T.-16946)

15. Anther 1 cm or longer

17. Bracts glabrous except the apex, about 3 x 1 cm; labellum entire, irregularly crenate or shallowly bilobed.

-------- 18. *H. speciosum*

17. Bracts appraised hairy, larger, about 4.5 x 2.5 cm; labellum deeply divided

-------- 19. *H. stenopetalum*

1. *Hedychium aff. hookeri* Clarke ex Bak.-Fig.1

Rhizome small. Leafy stem c 60 cm tall. *Leaves*: blades linear or elliptic-linear, (13-) 15-20 x 2-3.5 cm, the apex long acuminate, the base cuneate, both surfaces glabrous, petiole 2-5 mm long; ligule small, c 1 mm long. *Inflorescence* from the lowest bract to the top c 5 cm long; peduncle short; bracts not imbricate, oblong, 1.4 - 1.6 x 0.4 cm, glabrous; bracteoles tubular, c 7 mm long.