

**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 oblanceolate-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,oblanceolate;anther linear about 1.1 cm long

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

8. Staminodes clawed,linear;anther saggitate,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. Ligule 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 label- lum;ovary glabrous

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

11. Flowers yellow;stamen longer than the label- lum; ovary hairy

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

10. Ligule 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 oblanceolate, 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*