

Key to the Species of *Curcuma* in Thailand

- | | |
|--|--|
| 1. Anther with spurs | 2 |
| 1. Anther without spurs | 22 |
| 2. Inflorescences central | 3 |
| 2. Inflorescences lateral or separated from the aerial shoots | 15 |
| 3. Coma bracts absent | 4 |
| 3. Coma bracts present | 8 |
| 4. Lower and upper leaf surfaces glabrous | 5 |
| 4. Lower leaf surface hairy at least on the main veins | 6 |
| 5. Ovary hairy | 28. <i>C. cf. stenochila</i>
(unk.5, Obchan s.n.) |
| 5. Ovary glabrous | 24. <i>C. cf. albiflora</i>
(unk.1 Max 72-409) |
| 6. Peduncle long, usually longer than 15 cm, labellum
suborbicular, about 1.6 x 1.7 cm | 30. <i>C. cf. sumatrana</i>
(unk.7, Chula s.n.) |
| 6. Peduncle short, rarely up to 10 cm, labellum elliptic, ovate or
obovate-oblong, 2-2.2 x 0.9 x 1.1 cm | 7 |
| 7. Leaf base cordate, bracts ovate, 3.5 x 2.0 cm | 18. <i>C. stenochila</i> |

7. Leaf base cuneate, bracts elliptic, 4 x 2-2.4 cm
6. *C. cochinchinensis*
8. Coma bracts whitish or greenish 9
8. Coma bracts pink or purple 10
9. Rhizome dark yellow to orange, strong smell, coma bracts
greenish white with pale purple at the apex, flower bracts light
greenish 10. *C. longa*
9. Rhizome yellow, coma bracts whitish, flower bracts light green-
yellowish 21. *C. viridiflora*
10. Leaves glabrous 11
10. Leaves pubescent 14
11. Blades narrow oblong, 26-31 x 6-8 cm 13. *C. plicata*
11. Blades elliptic-oblong 12
12. Leaf base cuneate 2.C. *amada*
12. Leaf base rounded or subcordate 13
13. Peduncle relatively long, 25-40 cm long 12. *C. petiolata*
13. Peduncle relatively shorter, 10-15 cm long 28. *C. sp.*
(unk. 4, Niyomdham 1246)
14. Both leaf surfaces pubescent 16. *C. sessilis*
14. Only lower leaf surface pubescent 4. *C. attenuata*
15. Rhizome inside dark yellow or orange 22. *C. xanthorhiza*
15. Rhizome inside pale yellow, blue or white 16
16. Leaf sheaths dark red throughout 15. *C. rubescens*
16. Leaf sheaths greenish, often tinted with red or purple 17

		4
17. Coma bracts absent		18
17. Coma bracts present		20
18. Flower bracts glabrous		19
18. Flower bracts hairy	26.C. cf. oligantha (unk.2, Somran s.n.)	
19. Labellum ovate-cuneate, ovary hairy	7. C. ecomata	
19. Labellum elliptic, ovary glabrous	27. C. aff. oligantha (unk.3, Max 75-413)	
20. Rhizome hardly developed, unbranched, white, blades narrow-oblong or linear with long acuminate apex, glabrous		21
20. Rhizome large, branched, pale yellow, blades elliptic-oblong, sparsely hairy on lower surface	23. C. zedoaria	
21. Labellum suborbicular, 1.0 x 1.1 cm, ovary long hairy	3. C. angustifolia	
21. Labellum oblong, 1.7 x 1.1 cm, ovary glabrous or sparsely hairy	20. C. trichosantha	
22. Coma bracts white		23
22. Coma bracts pink, purplish or none		24
23. Staminodes white	11. C. parviflora	
23. Staminodes purple	19. C. thorelli	
24. Blades linear or linear-oblong		25
24. Blades elliptic, elliptic-oblong or oblong		26
25. Coma bracts absent	17. C. sparganifolia	
25. Coma pink or purplish		27

26. Inflorescences relatively small, peduncle 9-18 cm long, spike
2-3 x 1-2 cm 8. *C. gracillima*
26. Inflorescence relatively large, peduncle 33-78 cm, spike 10-17
x 2-4 cm 1. *C. alismatifolia*
27. Coma bracts pink or purplish, flower bracts greenish,
purplish or greenish-brown 28
27. Coma bracts absent 29
28. Peduncle slender, 45-60 cm long or longer, staminodes oblong,
labellum obovate-oblong 30. *C. cf. sparganifolia*
(unk.6 Kerr 19483)
28. Peduncle 10-30 cm long, staminodes elliptic, labellum
cuneate-ovate 5. *C. aurantiaca*
29. Flower bracts orange, staminodes elliptic 14. *C. roscoeana*
29. Flower bracts dark green, staminodes linear 9. *C. harmandii*