

The *Curcuma* Cultivar Registry I.

J. LEONG-ŠKORNIČKOVÁ AND A.K. NURA

Singapore Botanic Gardens, 1 Cluny Road, 259269 Singapore

E-mail: jana_skornickova@nparks.gov.sg

nura_abdul_karim@nparks.gov.sg

Introduction

This is the inaugural list of *Curcuma* cultivar names accepted by the Singapore Botanic Gardens, which acts as the International Cultivar Registration Authority for the genus *Curcuma*.

The list provides the name of the registered cultivar, SBG cultivar registration number under which the standard portfolio is accessioned and lodged at the Gardens' Herbarium (SING), the hybridiser, the parentage as provided by the hybridisers, and basic diagnostic features of the cultivar extracted from the standard portfolio, which consists of registration form, herbarium specimen number and a photograph, unless otherwise stated under additional information. The colour images of the inflorescence and flowers are provided. Colours indicated in the descriptions follow RHS Colour Chart (1995).

List of Cultivars

'Blue Andaman' – SBG R#001 **Annop Ongsakul, Sulee Nursery**
cv. of probably *C. petiolata*

DESCRIPTION: *Rhizome* pale yellow inwards. *Leaf* ca 47 × 20 cm, green; *midrib* green. *Inflorescence peduncle* ca 18 cm, *spike* ca 22 × 7 cm; *basal bracts* ca 25-42, recurved, uniform yellow-green (145B); *coma bracts* 10-12, wider than basal bracts, flat, uniform violet (85B). *Flower* uniform orange-yellow (21A). *Additional information*: Flowering period June – August. **Fig. 1A**

'Blue Moon' – SBG R#002 **Chiangmai Setcon Co. Ltd**
cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 20 × 5 cm, green; *midrib* green. *Inflorescence peduncle* ca 25 cm, *spike* ca 15 × 5 cm; *basal bracts* ca 8-9, rounded, uniform yellow-green (145A); *coma bracts* ca 5-7, slightly acute, erect, uniform violet (84D) with green tip.

Flower white with violet labellum (83A). **Fig. 1B**

‘Blue Sky’ – SBG R#003

Golden Lotus Nursery

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 23 × 4.5 cm, green; *midrib* red. *Inflorescence peduncle* ca 28 cm, *spike* ca 10 × 4 cm; *basal bracts* ca 6, rounded, uniform yellow-green (144B); *coma bracts* ca 8-9, pointed, erect, violet (85C) with yellow-green tip (144A), base paler yellow-green (144D). *Flower* white with violet labellum (86A). **Fig. 1C**

‘Blushing Crown’ – SBG R#004

Chiangmai Setcon Co. Ltd

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 30 × 6 cm, green; *midrib* green. *Inflorescence peduncle* ca 49 cm, *spike* ca 16 × 5.5 cm; *basal bracts* ca 9, rounded, uniform yellow-green (146D); *coma bracts* 8-11, acute, erect, almost white, turning pale purple (76C), tip with large brown patch above and yellow-green below (148C) with marging of tip red-purple (61C). *Flower* violet (81A). *Additional information*: Opens white, turns a nice pink with age and bracts become more lax. **Fig. 1D**

‘Blushing Star’ – SBG R#005

Chiangmai Setcon Co. Ltd

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 21 × 6 cm, green; *midrib* green. *Inflorescence peduncle* ca 35 cm, *spike* ca 16 × 6 cm; *basal bracts* c.11-12, rounded, uniform green (143C); *coma bracts* ca 11-13, erect, white when young, mature light red-purple (65B) with darker red-purple patch (65A) and yellow-green tip (144B). *Flower* with violet labellum (83A). *Additional information*: White changes to pale pink with age. **Fig. 1E**

‘Cambodian Scarlet’ – SBG R#006

Golden Lotus Nursery

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 25 × 4.5 cm, green; *midrib* green. *Inflorescence peduncle* ca 13.5 cm, *spike* ca 15 × 5

Figure 1. *Curcuma* cultivars. For each, a side view of inflorescence, coma (top view) and flower (front view), is presented: A. ‘Blue Andaman’; B. ‘Blue Moon’; C. ‘Blue Sky’; D. ‘Blushing Crown’; E. ‘Blushing Star’; F. ‘Cambodian Scarlet’. (Photos: Koh Sin Lan, SBG).



cm; *basal bracts* ca 10-11, rounded, uniform yellow-green (144A); *coma bracts* ca 7, pointed, erect, purple (78B) with darker greyed-purple tip (183B). *Flower* white with violet labellum (83C). **Fig. 1F**

‘Cherry Princess’ – SBG R#007 **Chiangmai Setcon Co. Ltd**

cv. of unknown parentage

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 34 × 8.7 cm, green; *midrib* green. *Inflorescence peduncle* ca 35 cm, *spike* ca 10 × 4.5 cm; *basal bracts* ca 12, rounded, light yellow-green (144D) with darker yellow-green rim (144A); *coma bracts* ca 10-11, rounded, erect, purple at base (75A), paler at upper part (75B) with yellow-green tip (144A). *Flower* white with deep purple labellum (77A) fading to lighter purple (77B). **Fig. 2A**

‘Emerald Pagoda’ – SBG R#008 **Chiangmai Setcon Co. Ltd**

cv. of *C. harmandii*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 33 × 8 cm, green; *midrib* green. *Inflorescence peduncle* ca 42 cm, *spike* ca 16 × 6.5 cm; *basal bracts* ca 15, uniform green (143B); *coma bracts*, flatter and slightly longer than the basal bracts, uniform green (143C). *Flower* violet (83A). **Fig. 2B**

‘Lady Ann’ – SBG R#009 **Golden Lotus**

cv. of *C. alismatifolia*

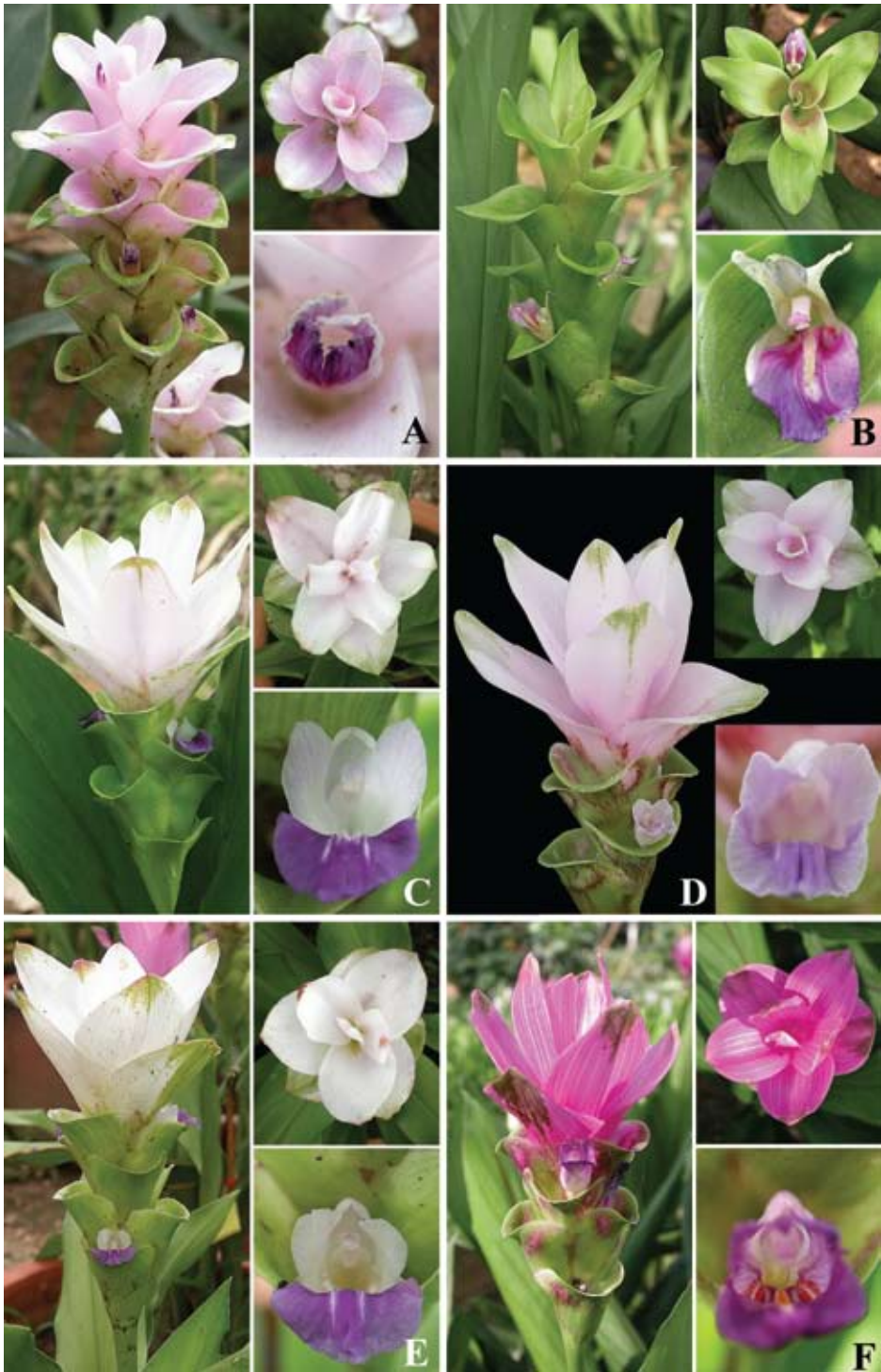
DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 26 × 5.5 cm, green; *midrib* green. *Inflorescence peduncle* ca 26 cm, *spike* ca 16.5 × 5 cm; *basal bracts* ca 10-11, rounded, uniform yellow-green (144B); *coma bracts* ca 11-14, pointed, narrow, erect, white to pale pink with red-purple tinge (73B) and light yellow-green tip (144C). *Flower* white with deep violet labellum (83A). **Fig. 2C**

‘Paloma Blanca’ – SBG R#010 **Golden Lotus, Nursery**

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 25 × 6.5 cm, green; *midrib* green. *Inflorescence peduncle* ca 22 cm, *spike* ca 14.5 × 6

Figure 2. *Curcuma* cultivars. For each, a side view of inflorescence, top view of coma and front view of flower, is presented: A. ‘Cherry Princess’; B. ‘Emerald Pagoda’; C. ‘Lady Ann’; D. ‘Paloma Blanca’; E. ‘Phudin Pink’; F. ‘Phudin Red’. (Photos: Koh Sin Lan, SBG).



cm; *basal bracts* ca 9-10, rounded, uniform green (143C); *coma bracts* ca 8-9, pointed, erect, very pale purple to almost white (76D), lower coma bracts with yellow-green tip (144C) on outer side, upper coma bract with red tips (47B) on outer side. *Flower* large, white with violet labellum (86B). **Fig. 2D**

‘Phudin Pink’ – SBG R#011

Chiangmai Setcon Co. Ltd

cv. of *C. alismatifolia* × *C. rhabdota*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* c. 32 × 10 cm, green; *midrib* green. *Inflorescence peduncle* c. 40 cm, *spike* c. 14 × 5.5 cm; *basal bracts* c.9, rounded, green (143B) with greyed-purple pattern (185B) and two greyed-purple patches (186D); *coma bracts* c.9-11, flatter than basal bracts, erect, light red-purple (69B) with yellow-green tip (146C) with greyed-purple stripe on outer side (185A). *Flower* red-purple (70A). **Fig. 2E**

‘Phudin Red’ – SBG R#012

Chiangmai Setcon Co. Ltd

cv. of *C. alismatifolia* × *C. rhabdota*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 39 × 12 cm, green; *midrib* red. *Inflorescence peduncle* ca 51 cm, *spike* ca 11 × 4.5 cm; *basal bracts* ca 8-12, rounded, green (143B) with two purple brown patches (184B); *coma bracts* ca 7-10, erect, red-purple (74C), veins white with yellow-green tip (148B). *Flower* deep violet (86A) fading to lighter violet (86C) with red stripes and yellow patch at middle of throat. **Fig. 2F**

‘Pitcha Pink’ – SBG R#013

**Supranee Kongpitchayanond,
Pitcha Nursery**

cv. of *C. aurantiaca*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 64 × 17 cm, green; *midrib* green. *Inflorescence peduncle* ca 30-42 cm, *spike* ca 19-22 × 6.5-8 cm; *basal and coma bracts* similar in shape ca 60, bracts at base of the inflorescence light green with light red-purple edges (74C), middle bracts light green at lower half and light red-purple (74C) at upper part gradually changing into entirely light red-purple (74C) bracts at the top

Figure 3. *Curcuma* cultivars. For each, a side view of inflorescence, top view of coma and front view of flower, is presented: A. ‘Pitcha Pink’; B. ‘Snowball’; C. ‘Sulee Sunrise’; D. ‘Sulee Sunshine’; E. ‘Sunrise’; F. ‘Wipada White’. (Photos: Koh Sin Lan, SBG).



of inflorescence. The pink colour fades with age to 74D. *Flower* light yellow-orange (14C) with darker labellum (14A). *Additional information*: Seasonal June – October. **Fig. 3A**

‘Snowball’ – SBG R#014

**Supranee Kongpitchayanond,
Pitcha Nursery**

cv. of *C. parviflora*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 27.5 × 9 cm, green; *midrib* green. *Inflorescence peduncle* ca 19 cm, *spike* ca 5.5-7 × 5-7 cm; *basal and coma bracts* similar, white with green tip (137C). *Flowers* present only as sterile white remnants. *Additional information*: This cultivar is formed by a ball of multiple sterile inflorescences. Seasonal June – October. **Fig. 3B**

‘Sulee Sunrise’ – SBG R#015

Annop Ongsakul, Sulee Nursery

cv. of *C. cordata* × *C. auratiaca*

DESCRIPTION: *Rhizome* pale yellow inwards. *Leaf* ca 65 × 27 cm, green; *midrib* green. *Inflorescence peduncle* ca 35-45 cm, *spike* ca 22-30 × 7-9 cm; *basal bracts* ca 25-55, recurved, greyed-orange (171C) with green veins; *coma bracts* ca 9-12, larger and flatter than basal bracts, light red-purple (69A) at base with green veins. *Flower* uniform orange-yellow (23A). *Additional information*: Flowering period June – August. **Fig. 3C**

‘Sulee Sunshine’ – SBG R#016

Annop Ongsakul, Sulee Nursery

cv. of unknown parentage

DESCRIPTION: *Rhizome* pale yellow. *Leaf* ca 55 × 19 cm, green; *midrib* green. *Inflorescence peduncle* c. 28-36cm, *spike* ca 25-27 × 5.5-6.5 cm; *basal bracts* ca 21-35, recurved, base pale green with upper half coloured (42B); *coma bracts* ca 7-9, broader than basal bracts, uniform light purple (78C). *Flower* uniform orange-yellow (21C) with median band (21A). *Additional information*: Flowering period June – August. **Fig. 3D**

‘Sunrise’ – SBG R#017

Golden Lotus Nursery

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 214 × 5 cm, green; *midrib* green. *Inflorescence peduncle* ca 29 cm, *spike* ca 16 × 5.5 cm; *basal bracts* ca 8-10, rounded, uniform green (143C); *coma bracts* ca 10-12, pointed, flatter than basal bracts, erect, white tinged with pink, tip reddish (60A). *Flower* white with deep violet labellum (83A) with white longitudinal line. **Fig. 3E**

‘Wipada White’ – SBG R#018

Chiangmai Setcon Co. Ltd

cv. of *C. alismatifolia*

DESCRIPTION: *Rhizome* information not recorded. *Leaf* ca 40 × 8 cm, green; *midrib* red. *Inflorescence peduncle* ca 50 cm, *spike* ca 17.5 × 6.5 cm; *basal bracts* ca 9-13, rounded, uniform pale yellow-green (144B); *coma bracts* ca 10, erect, very pale purple (76D) with pale green tip (143C). *Flower* white with deep violet labellum (83A). **Fig. 3F**