

Supplementary material

A revised taxonomy for *Uvaria* (Annonaceae) in continental Asia

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Table S1. Morphological data matrix generated for characters described in Table 1

Character	Taxon																																
	u_lampon	u_calamis	u_curtisii	u_dac	u_grandifl	u_hamilto	u_lobbian	u_concav	u_macrop	u_cordata	u_mclurei	u_microc	u_narum	u_pierrei	u_rufa	u_semicar	u_spheno	u_boniana	u_lucida	u_chamae	u_micrant	c_wrayi	c_longipe	c_argente	u_hahnii	r_siamens	c_siamens	u_zeylani	e_ferrugin	e_cuneifo	u_pauciov		
1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	2	1	2	2	1	1	1	2	2	0	1	0	2	2	1	0	2	2	0	0	2	1	2	1	2	3	2	2	0	0	0	0	
3	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	1	1	1	1	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	
8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	1	0	1	1	1	1	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
10	0	1	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	0	1	0	0	*	0	0	0	0	0	1	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	
12	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	
13	1	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
14	0	1	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	
15	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	*	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	*	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	*	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	0	1	0	0	1	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	0	1	1	1	0	0	1	1	1	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	
24	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	*	*	1	1	0	1	1	1	*	0	1	1	1	1	
27	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	
30	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	
32	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	
34	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Character	Taxon																															
	u_lampon	u_calamis	u_curtisii	u_dac	u_grandifl	u_hamilto	u_lobbian	u_concav	u_macrop	u_cordata	u_mclurei	u_microc	u_narum	u_pierrei	u_rufa	u_semicar	u_spheno	u_boniana	u_lucida	u_chamae	u_micrant	c_wrayi	c_longipe	c_argente	u_hahnii	r_siamens	c_siamens	u_zeylani	e_ferrugin	e_cuneifo	u_pauciov	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	1	
4	0	1	1	1	0	0	1	2	2	0	0	0	2	2	1	2	1	2	1	1	1	2	2	2	1	2	1	2	2	2	2	
1	1	1	2	1	2	2	2	3	3	1	1	1	2	1	2	1	0	1	1	1	1	1	*	*	1	1	*	1	1	1	1	
2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	0	0	*	*	0	0	*	0	0	0	
3	1	1	2	2	3	1	1	1	3	1	1	1	1	1	1	1	1	1	2	2	1	1	*	*	1	1	*	1	1	0	0	
4	*	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	*	*	0	0	*	0	0	0	0	
5	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0	*	0	0	1	1	
6	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	*	1	0	1	1
7	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	0	2	2	0	0	*	*	1	1	*	1	1	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	1	0	0	0	0	0	0	
9	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	*	0	1	1	*	1	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

*, missing data

Table S2. Character indices for maximum-parsimony consensus topology in Fig. 2A

CI, consistency index; RI, retention index; RC, rescaled consistency index

Character	Range	Minimum steps	Tree steps	Maximum steps	CI	RI	RC
1	1	1	2	2	0.500	0.000	0.000
2	3	3	12	19	0.250	0.438	0.109
3	1	1	4	8	0.250	0.571	0.143
4	1	1	1	1	1.000	0.000	0.000
5	1	1	4	12	0.250	0.727	0.182
6	1	1	3	10	0.333	0.778	0.259
7	1	1	3	5	0.333	0.500	0.167
8	1	1	2	2	0.500	0.000	0.000
9	1	1	4	10	0.250	0.667	0.167
10	1	1	6	9	0.167	0.375	0.062
11	1	1	2	7	0.500	0.833	0.417
12	1	1	4	17	0.250	0.812	0.203
13	1	1	3	10	0.333	0.778	0.259
14	1	1	3	10	0.333	0.778	0.259
15	1	1	2	3	0.500	0.500	0.250
16	1	1	4	8	0.250	0.571	0.143
17	1	1	2	3	0.500	0.500	0.250
18	1	1	1	3	1.000	1.000	1.000
19	1	1	4	5	0.250	0.250	0.062
20	1	1	3	11	0.333	0.800	0.267
21	1	1	2	10	0.500	0.889	0.444
22	1	1	1	13	1.000	1.000	1.000
23	1	1	2	14	0.500	0.923	0.462
24	3	3	5	19	0.600	0.875	0.525
25	1	1	2	3	0.500	0.500	0.250
26	1	1	4	14	0.250	0.769	0.192
27	1	1	1	3	1.000	1.000	1.000
28	1	1	2	6	0.500	0.800	0.400
29	1	1	2	5	0.500	0.750	0.375
30	1	1	6	12	0.167	0.545	0.091
31	1	1	1	6	1.000	1.000	1.000
32	1	1	2	2	0.500	0.000	0.000
33	1	1	1	9	1.000	1.000	1.000
34	1	1	1	2	1.000	1.000	1.000
35	1	1	1	2	1.000	1.000	1.000
36	1	1	1	1	1.000	0.000	0.000
37	1	1	4	10	0.250	0.667	0.167
38	1	1	1	10	1.000	1.000	1.000
39	1	1	2	12	0.500	0.909	0.455
40	2	2	9	17	0.222	0.533	0.119
41	3	3	6	9	0.500	0.500	0.250
42	1	1	3	13	0.333	0.833	0.278
43	3	3	6	9	0.500	0.500	0.250
44	1	1	5	7	0.200	0.333	0.067
45	1	1	2	3	0.500	0.500	0.250
46	2	2	5	5	0.400	0.000	0.000
47	2	2	4	12	0.500	0.800	0.400
48	1	1	2	2	0.500	0.000	0.000
49	1	1	5	8	0.200	0.429	0.086

Character	Range	Minimum steps	Tree steps	Maximum steps	CI	RI	RC
50	1	1	1	3	1.000	1.000	1.000
51	2	2	3	3	0.667	0.000	0.000
52	1	1	2	2	0.500	0.000	0.000
53	1	1	1	2	1.000	1.000	1.000
54	1	1	1	2	1.000	1.000	1.000
55	1	1	1	1	1.000	0.000	0.000

Full list of material examined

Note: (fr.), fruiting specimen; (fl.), flowering specimen.

1. *Uvaria lamponga* Scheffer

INDIA. Andaman Islands: 1884, *Dr Kings Collector* 209 (BM); 1884, *Dr King's Collector s.n.* (BM, K, G).

INDONESIA. Java: Bogor, Plot XIV E, 19 Nov. 1902, *Merrill s.n.* (NY).

2. *Uvaria concava* Teijsmann & Binnendijk

INDIA. Andhra Pradesh: Salem District, off Nagalur, Periakalrayans, 1150 m, 5 July 1979, *Matthew* 23587 (fr.) (US). Assam: Gelaghat District, June 1891, *Mann s.n.* (fl.) (BM); Khasia Hills, 2000 ft, regio subtropico, *Hook.f. & Thomson s.n.* (fl.) (BM, E, K, TCD). Bihar & Orissa: Ayatpur, Puri District, 16 Apr. 1917, *Haines* 3707 (fl.) (ABD, K) (fl.). Karnataka: Hassan District, Yethinalla, Shiradi Ghat, 28 May 1969, *Saldanha* 13640 (fl.) (US); Hassan District, near Hettur, 21 Aug. 69, *Saldanha* 14566 (fr.) (US); Hassan District, 13 Mar. 1970, *Saldanha* 16583 (fl.) (US); Maharashtra: N. W. Ghats, Matquon Rai, May 1881, *Young s.n.* (fr.) (BM); southern Concan, *Law s.n.* (K). Sikkim: 800ft Mongpur Peak, 11 Aug. 1881, *King s.n.* (fr.) (G); Mongpur Peak, 3000 ft, 1 Dec. 1887, *Gamble* 28025 (fr.) (K); 1500 ft, 2 Oct. 1877, *King* 4935 (fl.) (BM, G, K). Tamilnadu: 5 Apr. 1909, Ganjam District, Kuncholy, 2000 ft, *Dawkins* 14218 (K); Goomsah Hills, *Beddome* 49 (fl.) (BM); Goomsah Hills, Tamilnadu 12 Dec. 1885, *Beddome* 52 (fl.) (BM); Kodaikanal District, Palni Hills, 800 m, 22 Mar. 1987, *Matthew* 48691 (fr.) (AAU); Kodaikanal District, Dindigul, 4 Aug. 1988, *Matthew* 53326 (fr.) (K); Ruschamdah Hills, above Kunadah, 3 June 1879, *Beddome* 51 (fl.) (BM); Ruschamdah Hills, 12 Dec. 1885 *Beddome* 50 (fl.) (BM).

THAILAND. South-eastern: Chonburi Province: Ban Buang, 68 m, 18 July 1966, *Phengkhlai* 1273 (fl.) (BKF); Sriracha, Pan sa-det, ~50 m, 17 Nov. 1946 *Din* 238 (fl.) (BKF); Chanthaburi Province: Khao Soi Dao, ~730 m, 10 June 1960, *Bunnak* 2 BKF no. 202 (fl.) (BKF).

MALAYSIA. Sabah: Sandakan Sep.–Dec. 1920 *Ramos* 1667 (fr.) (A). Sarawak: Gunung Sibis, Miri District, 29 Nov. 1966 *Tan & Wright* 27533 (fr.) (NY); Siargao 1 Apr. 1928, *Wenzel* 3208 (fr.) (NY).

INDONESIA. Java: Peutjang Island, 27 Mar. 1964, *Kostermans* 35A (fr.) (G); Peutjang Island, Ujung Kulon Reserve, 20 Dec. 1961, *Soepadmo* 304 (fl.) (C); Flores: Mbengen, south-eastern region of Western Province, 10 May 1965, *Kostermans* 22116 (fl.) (A, AAU, K, L).

PHILLIPINES. Luzon: Bataan Province; Lamao River, Mt Marivelos, Oct. 1903 Merrill 3301 (fr.) (NY); Benguet Subprovince, 1 May 1914, *Merrill* 9666 (fl.) (NY); Isabela Province, San Mariano, Feb.–Mar. 1926, *Ramos & Edano* 46784 (fr.) (NY); Laguno Province, Nov. 1915 *Ramos* 24059 (fr.) (NY); Leyte: Palo, Jan. 1906, *Elmer* 7365 (fr.) (NY); Mindanao: Siargao, Apr. 1919, *Ramos & Pascasio* 34447 (fl.) (NY).

3. *U. macropoda* Hook. f. & Thomson

SRI LANKA. Amparai District: east of Maha-Oya, 7 Apr. 1975 *Jayasuriya* 2110 (fl.) (K, L, US). Anuradhapura District: Ritigala Strict Natural Reserve, 1940 ft, 30 Sep. 1972, *Jayasuriya* 881 (–) (US); Ritigala Strict Natural Reserve, 1100 ft, 21 Jan. 1973, *Jayasuriya* 1077 (fr.) (US); Ritigala Strict Natural Reserve, 1400 ft, 8 Aug. 1973, *Jayasuriya* 1274 (fl.) (K, US). Badulla District: Diyaluma Falls, 520 m, 16 Nov. 1977, *Huber* 632 (US); Meda Oya, 29 Oct. 1971, *Jayasuriya* 396 (fl., fr.) (K, NY, US); Kandy District: Gannurowa Hill, Peradeniya Forest, 9 July 1978, *Meijer* 1704 (fr.) (L). Kurunegala District: Arankale, 21 Oct. 1973, *Waas* 228 (fl.) (K); Doluwa Kanda, 7.37N, 80.25E, 14 Feb. 1975, *Sumithraarachchi* DBS 645 (fl.) (US). Matale District: Diokandahena, near Dambulla, 250 m, 15 Oct. 1977, *Huber* 458 (fl.) (US); Dambulla Hill, 17 June 1932, *Simpson* 9783 (fl.) (BM). Polonnaruwa District: Ambamedilla, 60 m, 11 Oct. 1977, *Huber* 435 (fl.) (L); Thunmodera, 7 June 1974, *Waas* 582 (fl.) (US). Ratnapura District: Kalanne, on Embilipitiya–Rakwana road, 17 Oct. 1971, *Balakrishnan* NBK 908 (fr.) (US); Kalanne, 17 Oct. 1971, *Balakrishnan* NBK 906 (fl.) (US). Locality unknown; *s.coll.* CP. 2544 (fl., fr.) (BM, G, K, TCD); Ceylon 1600 ft, *Walker* 160 (fl.) (K).

4a. *U. grandiflora* Hornemann

SRI LANKA. Kandy District: Botanic Garden Peradeniya, 1 Dec. 1978, *Kostermans* 27199 (fl.) (G, L). Locality unknown: 23 Jan. 1909, *Fraser* 116 (fl.) (BM, US).

MYANMAR. Taninthari: Tavoy, ‘Hindoostan’ 18 Sep. 1827 *Wallich* 260/6485 (fl.) (BM); Tavoy, *Wallich* 6485b (BM); Tavoy, *Wallich* 6485c. Locality unknown: Apr. 1818 HBL *s.n.* (fl., fr.) (C); (BM); *Wallich s.n.* (fl.) (BM).

CHINA. Hong Kong: north of Mt Gough, 7 June 1873, *Lamont* 8 (fl.) (BM); 31 May 1894, *Bodinier* 828 (fl.) (E); 24 Jan. 1909, *Champion* 38 (fl., fr.) (BM, K) (fl., fr.); Apr. 1852, *Hance* 933 (fl., fr.) (BM); 12 Sep. 1898 *Henry s.n.* (fr.) (NY) (fr.); 31 May 1884, *Sampson s.n.* (fl.) (BM). Hainan Province: Kochow District, 5 May 1929, *Tsiang Ying* 2110 (fl.) (NY); Lam Ko District, Lin Fa Shan, 8 Aug. 1927, *Tsang* 399 (fr.) (E, NY, US); Ling Shui District, near Po T’eng (Bodeng), 1 Apr. 1932, *Liang* 61556 (fl., fr.) (NY); Ling Shui District, Po-T’eng (Bodeng), 300 m, 1 June 1935, *How* 72850 (fl.) (BM, A); Ling Shui District, Po T’eng Shi (Bodeng), 29 May 1932, *Fung* 20029 (fl.) (BM, E, NY, US); Man Ch’ung District, 13 Apr. 1932, *McClure* 20011 (fl.) (NY); Tingshuan, 24 Aug. 1930, *Liou* 7940

(fl.) (PE); Yaichow, 16 July 1933, *How* 71035 (fl.) (NY); 18 Dec. 1934, *Liang* 66428 (fl.) (NY); 60 m 10 Apr. 1922, *McClure* 8944 (fl.) (NY). Province unknown: 18 June 1936, *Lau* 27189 (fl.) (PE); Kouang–Teheou–Wan, 21 Oct. 1908, *Robert s.n.* (fl.) (NY, P).

LAOS. Louang Namtha Province: Mong Hsing, Haut, 1 May 1929, *Ward* 8928 (NY).

VIETNAM. Quangtri Province: Col d’Ailao, *Poilane s.n.* (VNM); Pio, 18 June 1924, *Poilane* 11049 (fl.) (VNM); Salung Pro, 31 Dec. 1940, *Poilane* 31254 (fr.) (P).

THAILAND. Nong Khai Province: Bang Yai, Phonpisai, 8 June 1963, *Adisai* 488 (fl.) (BKF); Chaiyaphum Province: Phu Khieo W.S., 14 June 1994, *Th. S et al.* (BKF). Eastern: Ubon Ratchatani Province: north-eastern botanic gardens, cultivated, 17 Oct. 1998, *Chalermglin & Meade* 98-10-17-3 (TCD). Prachuap Khiri Khan Province: Huai Yang Waterfall, south of Prachuap, 11.4N, 99.5E, 10 Feb. 1970, *van Beusekom* 2765 (fl.) (BKF, L). Krung Thep Maha Nakhon Province: private horticultural plot, 10 km north of Don Muang Airport, 18 Oct. 1998, *Meade & Chalermglin* 98-10-17-4 (–) (TCD). Chanthaburi Province: Khao Soi Dao, 13.0N, 102.15E, 250–300 m, 18 Dec. 1974, *Geesink* 7896 (fl.) (BKF); Khao Soi Dao, ~400 m, 13.00N, 102.15E, 10 Nov. 1969, *van Buesekom & Smitinand* 2096 (fl.) (BKF, L). Trat Province: Kao Saming, 24 Jan. 1927, *Put* 543 (fl., fr.) (BM); Kao Saming, 29 Jan. 1927, *Put* 584 (fl.) (BK); Kao Saming, 29 Jan. 1927, *Put* 586 (fl.) (BM); Salak Koh, Koh Chang, 12.0N, 102.4E, 50 m, 8 May 1974, *Geesink* 6620 (fl.) (L). Surat Thani Province: Ban Kawp Kep, ~10 m, 13 Apr. 1927, *Allan/Kerr* 13319 (fl.) (BK, BM); Kao Noi, Ko Samui, 28 June 1966, *Sakol* 1147 (fl.) (BK); Kao Song, Ta Chana, Surat, 8 July 1966, *Sakol* 1248 (fl.) (BK). Krabi Province: Nong Khon, 15 Aug. 1964, *Sangkachand* 1026 (fl.) (BKF, L); Trang Province: Khao Chong, 82 m, 8 Jan. 1966, *Bunnab* 284 (fl.) (BKF); Khao Chong, 20 Dec. 1965, *Bunnab & Sukkri* 239 (fl.) (BKF, E); Khao Chong, 15 km east of Trang, 7.3N, 99.45E, 2 m, 13 Nov. 1990, *Larsen* 41299 (fl., fr.) (AAU, BKF, PSU); Khao Chong, 2 Feb. 1969, *Phusomaeng & Punin* 48 (fl.) (BKF, C, L); Khao Chong, 2 Feb. 1969, *Samrong* 48 (fl.) (BKF). Songkhla Province: Hat Yai, 26 Dec. 1927, *Kerr* 13661 (fl.) (BK, BM); Khao Kho Hong, Hat Yai, 7.0N, 100.2E, 250 m, 30 Oct. 1990, *Larsen* 40936 (fl., fr.) (AAU, BKF, PSU); Khao Noi, Songkhla, 25–40 m, 23 Apr. 1979, *Congdon* 389 (fr.) (BKF); Songkhla, 9 Jan. 1966, *Smitinand* 11862 (fl.) (BKF); Ton Nga Chang, 200 m, 7.00N, 100.10E, 4 Oct. 1991, *Larsen et al.* 42126 (fl.) (AAU, BKF, PSU); *Niyomdham* 94649 (BKF). Province unknown: Khao Phut Thong Arboretum, 50 m, Dec. 1991, *Santisuk s.n.* (fl.) (BKF); *s.coll.* BKF 5302 (fl.) (BKF); *s.coll.* BKF 52461 (fl.) (BKF).

MALAYSIA. Kedah: east of Kuah, Palau Langkawi, 18 Dec. 1974, *van Balgooy* 2236 (fl.) (L). Kelantan; *Wray* 3352, 2-1889 (Sing.); 27 Oct. 1987 *T&P* 1147 (Sing.). Malacca: Brisu, sea level, June 1888, *Derry* 50 (fl.) (BM); Malacca, *Griffith s.n.* (fl.) (NY); Dec. 1889, *Henry* 326 (Sing.); Malacca, Dec. 1830, *Walker* (fl.) (BM); Pahang: Kuala Takam, 1 June 1917, *Evans s.n.* (fl.) (K); Taman Negara NP, track from Kenyam to caves, 27 Apr. 1975, *van Balgooy* 2547 (fl.) (L). Penang: Penang, June 1890, *Curtis* 234 (fl.) (AAU); Penang, May 1892, *Curtis* sn, (Sing.); Penang, *Porter s.n.* (fl.) (BM). Perak: Kuala Kangsa, 1892, *Ridley s.n.* (Sing.); Perak; Larut, Aug. 1883, *King* 4786 (fr.) (K, G); Perak, locality unknown, *Ridley* 12-1895 (Sing.); Perak, locality unknown, *Wallich s.n.* (fl.) (BM). Negeri Sembilan: Jelevu District, Pasoh Forest, 80–120 m, 21 May 1996, *Gardette* 1866 (–) (K, KEP, L, Sing.); Tanjong Sena, Rembau NS, 25 Apr. 1963, *Kasim Bin Rajab* 520 (fl.) (K).

INDONESIA. Sumatra: Kota Pinang, subdivision Laboehan Batoe, 25 May 1933, *Toroës* 4334 (fl.) (NY, MICH); Silo Maradja, Asahan, eastern coast, 1 June 1927, *Bartlett* 8413 (fl.) (MICH, NY, US); eastern coast, *Yates* 1379 (fl.) (NY); eastern coast, 23 July 1932, *Toroës* 3250 (fr.) (NY, MICH). Java: Jawa Barat; Bogor, 1 June 1904, *Backer s.n.* (fl., fr.) (U); Bogor, cult. in botanic gardens: XVI.E.5, 24 Nov. 1980, *Okada* 3368 (fl.) (NY); Bogor, cult. in botanic gardens, 1886/87, *Warburg* 1805 (fl.) (NY); Jampang Kulon, south of Sakabumi, western Java, 400 m, 16 Sep. 1985, *van Balgooy* 5147 (fl.) (L, U); locality unknown; *Blume s.n.* (fl.) (NY).

PHILLIPINES. Luzon: Rizal Province, Bosobo, 1 June 1906, *Ramos* 980 (fl.) (NY). Mindanao: Surigao Province, Mt Cantigao, 20 Mar. 1931, *Convocar* 130 (fl.) (NY); Misamis Province, Mt Malidang, 1 May 1906, *Mearns* 4777 (fl.) (NY). Palawan; 31 May 1906, *Foxworthy* 42885 (fl.) (NY); Panay Island, 11.03N, 122.06E, 200 m, 8 Aug. 1987, *Varadarajan* 1571 (fr.) (NY).

4b. *U. grandiflora* Hornemann var. *flava* (Teijsm. & Binn.) Sinclair

THAILAND. Chonburi Province: Nong Khum, Siracha tasert, 25 m, 10 Nov. 1927, *Collins* 1680 (fl.) (BK); Toong Brong, Sattahip District, 4 Dec. 1971, *Maxwell* 71-765 (fl. petals white) (AAU, BK). Chanthaburi Province: northern Soy Mountain, Bong Nam Rawn District, 250 m, 5 May 1975, *Maxwell* 75-489 (fl.) (AAU, BK). Trat Province: Dong Ta Beng, Khao Sameng, 21 Oct 1946, *Dee* 191 (fl., petals white) (BKF). Songkhla Province: Muang District, Suan Dtoon Falls, 25 m, 11 Oct. 1984, *Maxwell* 84-312 (fl.) (BKF, PSU).

INDONESIA. Java: Jawa Barat; cult in Hort. Bog. XI-A-20, *Scheff* 206 (fl.) (L).

5. *Uvaria curtisii* King

THAILAND. Ranong Province: Khlong Kam Puan, 9.15N, 98.20E, 100 m, 1 May 1973, *Geesink and Santisuk* 5104 (fl.) (BKF, C, E, L, P).

SINGAPORE. Bukit Timah Forest Reserve, Kruing Path, 27 May 1953, *Sinclair* 39652 (K, L, Sing.).

6. *Uvaria dac* Pierre ex Finet & Gagnepain

VIETNAM. HayTay Province: Tu Phap, BaVi, 18 May 1940, *Petelot* 2645 (fl.) (HNIP, HNU, P). Kontum Province: Moray Sathay, Ha Thi, *Dung* 321 (HN, VNM); Gialai Kontum, Ha Thi, *Dung* 312 (HN); Galai Kontum, *Juc* 8 (HN); Moray Dakto, 4 Apr. 1978, *Dao* 212 (HN, VNM); Moray Dakto, 4 Apr. 1978, *Phiong* 458 (HN); Moray Dakto, *Phiong* 453 (HN, VNM); Dak Mon, Dak Loley, 28 Mar. 1978, Nguyễn Tiến Bân 214 (HCMC, HN); Daklong, Dakglei, *Nhan* 269 (HN); *T.D. Ly* 488 (VNM, HN). Dong Nai Province: near Chiao-shan, Bien-Hoa, 1875–1877, *Pierre* 1785 (fl.) (K, P).

LAOS. Saravane Province: Lao-Lao and Saravane Road, 17 Apr. 1927, *Poilane* 13254 (fl.) (P, VNM); Pa Toi Dong, 10 Apr. 1927, *Poilane* 13723 (fl.) (P).

CAMBODIA. Siem Reap Province: Angkor, June 1866, *Thorel s.n.* (fr.) (P). Kompong Speu Province: Hills near Chambok, 300 m, 8 June 1930, *Poilane* 17489 (fl., fr.) (VNM, K, P). Koh Kong Province: Chereer Mountain, Apr. 1870, *Pierre* 748 (fl., fr.) (K, P); Tamire Mountain, 800 m, May 1870, *Pierre* 748 (fl.) (K, P). Kampot Province: Camchay Mountains, 400 m, May 1874, *Pierre* 1459 (fl.) (A, K, VNM, P).

THAILAND. Nong Khai Province: banks of Mekong, 1866–1868, *Thorel* 9179 (fl., fr.) (P). Chaiyaphum Province: Dat Don near Chaiyaphum, 15.57N, 102.02E, 300–400 m 13 Aug. 1972, *Larsen* 31809 (L, AAU). Nakhon Ratchasima Province: Kaogai, 600–800 m, 18 Mar. 1965, *Kasem* 438 (fl.) (BK). Saraburi Province: Muang district, Sam Lahn forest, 100 m, 18 May 1974, *Maxwell* 74-509 (fr.) (AAU, BK); Muang District, Sahm Lahn Forest, 125 m, 30 Mar. 1974, *Maxwell* 74-218 (fl.) (AAU, BK, BKF); Sam Lahn, 14.3N, 101.10E, 100 m 18 May 74, *Geesink* 6777 (fr.) (L).

7a. *Uvaria hamiltonii* Hook. f. & Thomson

NEPAL. Chule Chuli, 26.48N, 81.42E, 1000 ft 28 May 69, *Williams* 249 (fl.) (BM); Ramnagou, Chilwan, 500 m, 1 Jun. 1994, *Wesche* 11209 (fl.) (BM, K); Soktim T.E. (Mai Khola) 26.48N, 87.55E, 1500 ft, 19 Apr. 1971, *Stainton* 6792 (fl.) (BM); Mai Khola (below Ilam), eastern Nepal, in Schima forest, 26.50N, 87.56E, 200 ft, 19 May 1971, *Stainton* 6860(fl.) (BM).

INDIA. West Bengal: cultivated in Calcutta Botanic Gardens, 1863, *Pierre* 3679 (fl.) (C, L, P); *Kurz s.n.* (fl.) (US); West Duars, Bengal, Tondou, May 1869, *Haines* 628 (fl.) (K); Athmallik; Andharikhol, 22 June 1937, *Mooney* 479 (fl.) (K). Tamil Nadu: Goonsam Hills near Kurching, 28 Feb. 1909, *Beddome* 46, 47 (fl.) (BM, Sing.); Kuicholy, 2000 ft, *Dawkins* 14219 (fl.) (K). Sikkim: Langkok, Mungpo, 2 June 1903, *Prain s.n.* (fl.) (US); Tani, *Beddome* 48 (fl.) (K); Terai, *Hooker*, f. 118 (fl.) (K); 1200 ft, 8 Oct. 1875, *King* 2350 (fr.) (L). Bihar & Orissa: mountains near Monghir/Munger, 26 May 1811, *Herb. Wallich* 6485E (fl.) (BM); Rajgoon, Angel District, 3 June 1917, *Haines* 3709 (fl.) (K).

BANGLADESH. Dhaka: sea level, 25 Apr. 1869, *Clarke* 8438 (fl.) (K); 20 May 1873, *Clark* 20094 (fl.) (BM).

MYANMAR. Bago: Karen Chang Waterfalls, Taungoo District, 400 ft, 24 May 1925, *Dawkins* 1112 (fl.) (K). Mandalay: road to Meiktila, 3 Mar. 2009, *Prazer s.n.* (fl.) (G); Sakangyi Reserve, near Maymyo Plateau, 3500 ft, 25 Aug. 1912, *Lace* 5920 (fr.) (E, K); Shan Hills, Terai, 2000 ft, June 1888, *Collett* 832 (fl.) (K).

CHINA. Hong Kong: 1860–1864, *Pierre s.n.* (fl.) (BM, K, L, NY, P).

LAOS. Province unknown: Mong Hsing, Haut, May 1929, *Ward* 8928 (fl.) (NY).

VIETNAM. Ha Tay Province: Phap, near S'on Tay, 18 May 1940, *Petelot* 2645 (VNM); Mount BaVi, Ban Dao Khoi, 21 Apr. 1976, *Nguyễn Tiễn Bạ s.n.*, *Fl. Vietnamica* 19 (fl.) (HN); Mt BaVi, 23 Nov. 1976, *Ly s.n.*, *Fl. Vietnamica* 146 (HN). Hoa Binh Province: Lac Thuy, June 1964, *s.n.* (HN); Quang Nam-Da Nang Province: Hoi Na, 17 Aug. 1920, *Poilane* 1745 (fr.) (P). Province unknown: 25 May 1981, *s.coll.*, T. 895 (HN); Sa Van, 25 May 1962,

s.coll. (HN); Ho Na, 17 May 1964, *s.coll.* (HN); Chilang-Langson, 22 June 1963, *Sô* 1 (HN); *Ding s.n.*, *Fl. Vietnamica* 245 (HN); *s.coll.*, *Fl. Vietnamica* 1792 (HN).

THAILAND. Chiang Mai Province: Doi Chiang Dao, ~300m, 20 Oct. 1998, *Meade* 85 (fr.) (TCD).

INDONESIA. Java: cult. Hort. Bot. Bog. Java, Plots XVI E & XI A.56, 16 Nov. 1902, *Merrill s.n.* (–) (NY).

7a. *Uvaria hamiltonii* Hook. f. & Thomson var. *kurzii* King

THAILAND. Lampang Province: MaeSung, 170 m, 16 June 1926, *Winit* 1733 (fl.) (BK, BKF). Petchaboon Province: Lom Kao, Nam Nao, 600 m, 25 May 1951, *Smitinand* 560 (fl.) (BKF); locality unknown; Mi Song, 700 ft, 3 May 1912, *L.V.Phrao* 309 *Fl. Siam* 5142. (fl.) (BKF).

8. *Uvaria macclurei* Diels

CHINA. Hainan Province: Yik Tsok Mau, 18 May 1922, *McClure* 9697 (fl.) (E, A, BM, C, G, NY, P). Yunnan Province: Szemar, Tu Zey Mountains, Mengsi, Red River Valley near Vietnam border, *Henry* 12148 (fl.) (NY). Guizhou Province: Libo County, south-eastern Guizhou, 660 m, 26 May 1983, *Song Xianghou* 897 (fl.) (PE); 8 Aug. 1959, *coll.* 739 (fr.) (PE).

9. *Uvaria calamistrata* Hance

CHINA. Hainan Province: Ching Mai District, Ku Tung village, 26 July 1933, *Lei* 888 (fr.) (NY); Lam Ko District, Lin Fa Shan, 5 Aug. 1927, *Tsang* 339 (fr.) (PE, BM, E, L, NY, US); Ngai District; Fung Leng, 3 Sep. 1932, *Lau* 468 (fr.) (E, NY, BM); Wen-ch'ang District, near Shan Hoi village, 25 Aug. 1932, *Fung* 20430 (fr.) (NY); Yaichow, July 1933, *How* 71043 (fr.) (E, P); locality unknown, 18 July 1933, *Liang* 62151 (fr.) (E, NY); locality unknown, 11 Aug. 1933, *Wang* 33631 (fr.) (NY); locality unknown, 8 Oct. 1933, *Wang* 34503 (fr.) (NY). Hong Kong: Hong Kong Island, Wangchuck-Hang, 8 May 1941, *Taam* 2056 (fl.) (G, US); Hong Kong Island, *Lamont s.n.* (fr.) (BM); Hong Kong Island, *Hance* 7436 (fr.) (BM, K); Hong Kong, Sep. 1874, *Lamont* 12a (fr.) (BM); locality unknown, 10 Aug. 1881, *C. Ford s.n.* (fl.) (K); locality unknown, 23 May 1894, *Bodinier* 989 (fl.) (E, P); 9 June 1893, *C. Ford s.n.* (fl.) (P).

VIETNAM. Vinh Phu Province: Song Hoa, 2 Nov. 1905, *Castellini* 60, (fl.) (P); locality unknown; 29 Mar. 1980, *Nguyễn Tiên Bạ*n 94 (HN).

10. *Uvaria zeylanica* L.

SRI LANKA. Anuradhapura District: Ritigala, 13 July 1974, *Waas* 366 (fl.) (US). Colombo District: Welisara, 27 Nov. 1931, *Simpson* 8935 (fl., fr.) (BM). Galle District: Bona Vista near Galle, 10 m, 6 Nov. 1977, *Huber* 571 (fl.) (HBG); near Weligama, 1 Jan. 1980, *Kostermans* 28043 (fr.) (L). Jaffna District: Vaddakkachchi, Paranthan–Mullaitivu road, 17 Nov. 1970, *Kundu & Balakrishnan* 705 (fl., fr.) (US). Kalutara District: Kalutara, *Macrae* 216

(fl.) (NY); Velikanda, 6.37N, 80.0 E, 27 Oct. 1979, *Klackenberg* 239 (fl.) (NY); Yagirala, Kalutara, 100 m, 29 June 1975, *Waas* 1303 (fl.) (US). Puttalam District; Daluwa Village west of Puttalam Lagoon, 8 June 1972, *Maxwell & Jayasuriya* 823 (fl.) (NY). Locality Unknown: *Wallich* 6462a,b (fl.) (K, BM); 25 Jan. 1909, *Fraser* 179 (fl.) (BM, TCD); *Thwaites* C.P. 1030 (fl., fr.) (BM, K, TCD, US); *Joinville s.n.* (fl.) (BM).

INDIA. Kerala: Kotta Hill, Trirandrum, 18 March 1934, *Erlanson* 5578 (fl.) (NY).

11. *U. sphenocarpa* Hook. f. & Thomson

SRI LANKA. Anuradhapura District: Ritigala Strict Natural Reserve, 375 m, 21 Jan. 1973, *Jayasuriya* 1066 (fl.) (US); Ritigala Strict Natural Reserve, south of Na-Ulpota, western side, 8 Aug. 1973, *Jayasuriya* 1277 (fr.) (US). Galle District: near Kitugalle, 600 m, 24 Apr. 1980, *Kostermans* 28356 (fl.) (L); Sinharaja Forest, near Weddegalle, 150 m, Dec. 1978, *Kostermans* 27109 (fl.) (L). Matara District: between Deniyaya and Kotapola, 11 Nov. 1977, *Huber* 597 (fl.) (US). Puttalam District; Wilapattu NP, Dangaha Urinaya, Plot 32, sand dunes, 11 July 1969, *Wirawam* w32-20 (fl.) (US). Vavuniya District: Mullaitivu–Mankulam road, ~3 km from Mullaitivu, 24 June 1975, *Sumithraarachchi* DBS 805 (fr.) (US). Locality unknown: ex Hook.f. & Thoms. *s. coll.* (fl.) (L); *Champion s.n.* (K); *Thwaites* C.P. 1045 (fl., fr.) (BM, G, K, P, TCD, US); *Walker s.n.* (fl.) (K, TCD).

INDONESIA. Java: cult. in Hort. Bog., *s. coll.* (fl.) (L).

12. *Uvaria semecarpifolia* Hook. f. & Thomson

SRI LANKA. Galle District: Kannelliya forest near Hiniduma, 400 m, 1 Sep. 1974, *Kostermans* 25493 (fl., fr.) (G, L, P, US). Karunagala District: Weudakanda, 12 Aug. 1974, *Waas* 776 (fl.) (L). Matara District: north of Diyadawa Forest Reserve, 410 m, 11 Nov. 1977, *Huber* 602 (fl.) (L, US). Ratnapura District: forest south of Veddagala, Sinharaja, 4 Nov. 1977, *Huber* 556 (fl., fr.) (HBG, L, P). Locality unknown: Mar. 1846 *Thwaites* C.P. 244 (K); *Thwaites* C.P. 244 (fl., fr.) (BM, G, L, P, TCD); *Walker* 165 (fl.) (G); *Walker s.n.* (K).

13. *Uvaria narum* (Dunal) Bl.

SRI LANKA. Galle District: Kannelliya forest near Hiniduma, 8 May 1973, *Kostermans* 24753 (fl.) (L); Kannelliya forest near Hiniduma, 400 m, 7 Nov. 1977, *Huber* 588 (fl.) (US). Kalutara District: Pelawatte, sea level, 21 Jan. 1970, *Cramer* 2811 (fl.) (US). Ratnapura District: Ballancoda, *Walker* 175 (K). Location unknown: *Macrae* 77, 88 (fl.) (BM); *Thwaites* C.P. 1032 *pro pars* (fl.) (BM, NY); *Thwaites* C.P. 1032 (fl.) *pro pars* (K, NY, TCD).

INDIA. Goa: Chapora, 20 Nov. 1896, *Lapes* 37 (fl.) (LISU). Karnataka: near Mangalore, 21 Jan. 1909, *Hohenhacker* 332 (K); Mysore, *Buchanan s.n.* (fl.) (BM). Kerala: Calicut, 1 Jan. 1905, *Meebold* 721 (fl.) (G); Calicut, Jan. 1843, *Perrottet s.n.* (fr.) (P); Suckidy Coatay, near Calicut, Apr. 1846, *Wight* 18 (fr.) (K); Cranganore, Travancore, Sep. 1884, *Gamble* 14841 (fl.) (K); Travancore, sea level, 1 Jan. 1933, *Yeshoda* 425 (fl.) (NY); Nilghiri Hills, 1837–1838, *Perrottet* 40 (fl.) (G); Nilghiri Hills, *Perrottet* 17 (fl., fr.) (TCD); Nilghiri Hills, *Johnson s.n.* (fl., fr.) (TCD). Maharashtra: Chandawar, *Pai* 582 (fl.) (AAU); Dhareshurar, *Pai* 615 (fl., fr.) (AAU); southern Concan, *Dalzell s.n.*

(K); Chola Ghat, Concan, *Stocks s.n.* (fl., fr.) (K). Tamilnadu: Dindigul, *Wight s.n.* in *Wallich* 6473 a,b (fr.) (BM, K); Wamdory, *Beddome* 53 (fl.) (BM), Nagalur forests, Periakalarayans, 900 m, 11 Apr. 1980, *Matthew* 27464 (–) (L).

14. *Uvaria littoralis* Blume

SRI LANKA. Without locality, *Thwaites C.P.* 3527 (fl.) (BM, K, TCD); *Champion s.n.* (fl.) (K).

INDIA. West Bengal: Calcutta Botanic Gardens, cultivated, *Wallich* 6487a HBC (fl., fr.) (K).

MYANMAR. Taninthari: Tavoy district, banks of the Banchuang Road, 2 miles south of Paungdaw village, 14.0N, 98.3E, 275 m, 22 Aug. 1962, *Keenan* 1162 (fl.) (E, K); eastern bank of the Banchuang River, 2 miles north of Paungdaw village, Tavoy District, Tenasserim, ~14N, 98.30E, 800 ft, 1 Aug. 1961 *Keenan* 1256 (fl.) (E); Tavoy, *Roxburgh* 110 (fl.) (BM); Tavoy, *W. Gomez*, *Wall. Cat.* 6487d (fl.) (K); Tenasserim, 11 Jan. 1909, *Helper* 438 (fl.) (K); *Wallich* 987, 21 Sep. 1815 (fl.) (BM); *Roxburgh s.n.* (fl.) (BM). Bago: Toungoo, Donzayit, eastern bank of Sittang, 150 ft, 4 Aug. 1911, *Lace* 5386 (fl.) (K, E); Yowah, *Kurz* 58 (fr.) (K). Yangon: Nuigaladou, Rangoon, 4 Sep. 1932, *Parkinson* 14965 (fl.) (K); Rangoon, 1826, *Wall. Cat.* 6487c, (fl.) (K); 1826, *Wall. Cat.* 6487b (fl.) (K).

VIETNAM. Dong Nai Province: at Bao Chiang, near Bien Hoa, Aug. 1865, *Pierre* 178 (BM, C, K, P). Lam Dong Province: Dalat, *Poilane* 30328 (VNM). Province unknown: *Poilane* 215911 (fr.) (K, P).

THAILAND. Mae Hong Son Province: Mae Sarieng, 9 July 1966, *Prayad* 362 (BK); 18.45N, 98.0E, 400 m, 13 June 1973, *Geesink* 5926 (fl.) (AAU, C); Khun Yuam, 18.15N, 98.0E, 6–700 m, 6 Sep. 1974, *Larsen* 34209 (–) (AAU, L, P); Mae Sariang District, Mae Salah (Karen) Village, 20 Nov. 1994, *Maxwell* 94-1228, (BKF, CMU). Chiang Mai Province: 10 km west of Fang, 19.57N, 99.11E, 600 m, 23 July 1968, *Larsen* 2600 (fl.) (AAU, C); Doi Chiang Dao, near Ban Yang Pong Luang, 525 m, 29 Oct. 1989, *Maxwell* 89–1324 (fr.) (E); Doi Chiang Dao, southwestern foothills near Ranger Station, 250 m, 24 Oct. 1998, *Meade* 84 (fr.) (TCD). Chiang Rai Province: 450 m, 16 Sep. 22, *Winit* 774 (BK). Phayao Province: Muang District, 19.08 N, 99.45 E, Doi Luang NP, southern side, 29 Dec. 1998, *P. Sidisunthorn & S. Gardner* 9031 (CMU). Nan Province: Muang Pua, ~300 m, 1 Mar. 1921, *Kerr* 4965 (fr.) (BK, BM); Muang Pua (Nan), 300m, Mar. 1921, *Kerr* 4965 (BK). Lampang Province: Doi Kuhn Dahn NP, Mae Pry Station, 29 July 1994, *Maxwell* 94-817 (CMU). Tak Province: Khao Pha wo, ~70 km west of Tak, 700 m, 23 July 1973, *Murata* T-16889 (fl.) (L, KYOTO). Khampaeng Phet Province: Khlong Lan NP, 16.6N, 99.23E, 250 m, 21 Aug. 1995, *Parnell et al.* 95-352 (fl.) (TCD). Maha Sarakham Province: Ban Wan, 17 June 1932, *Lakshnakara* 958 (Herb. Kerr) (fl.) (BM). Chaiyaphum Province: Nam Phoeom, near weir, 16.2N, 101.45E, 600 m, 19 Oct. 1971, *van Buesekom* 4432 (fr.) (L); Phu Kieo Wildlife Sanctuary, 1 June 1995, *Santisuk s.n.* (BKF); Phu Kieo Wildlife Sanctuary, 8 Jan. 1996, *Wangprasert s.n.* (BKF). Nakhon Rachasima Province: Khao Yai NP, along Huyta Kon River, 6–800 m, 19 July 1973, *Murata* T 16329 (fl.) (L, KYOTO); Khao Yai NP, 20 Dec. 1962, *Phengkhlai* 601 (fr.) (L); Khao Yai NP, Khao Kieo (mountain), 14.45°N, 102°E, 5–600 m, 31 Oct. 1969, *van Buesekom* 1950 (fr.) (L). Krung Thep Maha Nakhon Province: Bankeng, Krabin, 25 m, 9 Nov. 1930, *Marcan* 2565 (fr.) (BM). Chonburi Province: Siricha District, Kow Kieo, 100 m, 17 May 1975, *Maxwell* 75-520 (BK). Trat Province: Ko Chang, 12.0N, 102.4E, 50 m, 8 May 1974, *Geesink* 6621 (fl.) (L). Chumpon Province: Siepyuan, 7 Sep. 1927, *Put* 985 (fl.) (BM, L); Sripzaan, 5 Sep. 1927, *Put* 938 (fl.) (BM, L); Siepyuan, 7 Sep. 1927, *Put* 985 (BK). Surat Thani Province: Klawng Nam Wing, 1100 m, 6 Mar.

1927, *Kerr* 12241 (fr.) (L, BM). Phuket Province: Ton Sai Wildlife Sanctuary, 300 m, 4 July 1979, *Niyomdham* 177 (fl.) (BKF, C L). Trang Province: Kao pad pa near Pathalung, 7.40N, 99.45E, 200 m, 15 June 1974, *Geesink* 7263 (fl.) (L). Satun Province: Thon Pliew, ~25 km north of Satun, 100 m, 6.54N, 100.09E, 28 Oct. 1993, *Larsen* 44107 (fr.) (AAU); Tarutao Island, 20 May 1969, *Chermisirivantha & Kasem* 1423 (BK). Province unknown: *TS* 8462 (BKF); *Sanan* 487 (BKF); Ban Wan Maddaham, 17 June 1932, *Lakshnakara* 958 (BK).

MALAYSIA. Malacca: *Griffiths s.n.* (fl.) (BM). Penang: Batu Fessinghi, 1 May 1966, *Stone* 6298 (fl.) (L); *Porter s.n.* (fl.) (BM); *Wallich* 6486 (fl.) (BM, K). Perak: Larut, 300–400 ft, Apr. 1884, *King* 5776 (fl.) (BM). Location unknown: *Maingay* 24, 1031 A (fl., fr.) (BM).

SINGAPORE. Bukit Timah, 1898, *Ridley s.n.* (Sing.); Changi, 21 Feb. 1891, *Ridley s.n.* (Sing.); Chan Chu Kang, 11 Jan. 1894, *Ridley s.n.* (Sing.); Chan Chu Kang, 1892, *Ridley s.n.* (Sing.); Changi, 1 Nov. 1890, *Ridley s.n.* (Sing.); Gardens Jungle, 22 Mar. 1909, *Ridley s.n.* (fl.) (BM); Juroak, 1893, *Ridley s.n.*, (Sing.); McRitchie jogging trail, 22 Oct. 1996, *Lai* LJ84 (Sing.); McRitchie Reservoir, southern side, 18 Nov. 1959, *Sinclair* 10151 (Sing.); Selitar, 29 Oct. 1889, *Ridley s.n.* (Sing.); Selitan, 4 Mar 1909, *Ridley s.n.* (fl.) (BM); Tampenis Road, 17 June 1890, *Ridley s.n.* (Sing.); location unknown; *Ridley s.n.* 1895 (Sing.).

INDONESIA. Java: locality unknown; *s. coll.* ‘*Uvaria littoralis* Bl.’ Bl. det, ex Herb. Bog. (fl.) (U). Borneo: locality unknown; ‘*Uvaria ovalifolia* Bl.’ *Teijsmann s.n.* ex Herb. Lugd. Bat. (fl.) (U); ‘*Uvaria littoralis* Bl.’ *Teijsmann s.n.* ex Herb. Lugd. Bat. (fl.) (U). Sulawesi: Salager, 20 May 1913, *van Leeuwen* 1690 (fl.) (U)}.

PAPUA NEW GUINEA. Bougainville, 16 Oct. 1930, *Kajewski* 2257 (Sing.); Lolorua, 30 m, 24 Feb. 1935, *Carr* 11497 (fl.) (NY)

15. *Uvaria microcarpa* Bentham

CHINA. Hainan Province: Ching Mai District; Pak Shik Ling and vicinity, Ku Tung Village, 7 Apr. 1933, *Lei* 510 (fl.) (NY); Lam Ko District, Na Chong Yuen village, 16 Dec. 1932, *Lei* 298 (fr.) (L, NY, Sing., US); Lam Ko-Chung Mai districts, Paak Shek Shan, 12 June 1928, *Tsang* 659 (fl.) (NY); district unclear; Dung Ka, 1700 ft, 17 Apr. 1909, *N.K. Chun* 43384 (fl.) (NY); Tun Shan Lim, Mangun, 5 Apr. 1932, *S.P. Ko* 52124 (fl.) (NY); Yaichow, 6 July 1933, *How* 70957 (fl.) (NY, US); Yaichow, *Liang* 62133 (fr.) (NY); locality unknown; 1600 ft, 17 Apr. 1909, *F.C. How & N.K. Chun* 70111 (fr.) (NY); 12 Jan. 1934, *C. Wang* 36481 (fr.) (NY); 22 July 1933, *C. Wang* 33223 (fl.) (NY); Nov. 1889, *Henry* 8012 (fl.) (E). Guandong Province: Canton (Guangzhou); Canton vicinity, 2 Oct. 1917, *Levine* 362 (fr.) (US); Canton vicinity, 5 Dec. 17, *Levine* 894 (fl.) (US); Guangzhou, 3 July 1981, *Yip* 383 (fr.) (L); Canton, *Hooker s.n.* (fl.) (E); Canton and surrounds, *Millet s.n.* (fl., fr.) (TCD); Canton, *Reeves s.n.* (fl.) (NY); Kao-Yao District; Ting, 8 Apr. 1922, *McClure* 8922 (fl.) (E); Tingwu Shan, 4 May 1928, *W.Y. Chun* 6259 (fl.) (E); Tingwu Shan, 29 July 1932, *S.Y. Lau* 20206 (fl.) (K, NY); Tingwu Shan, 7 May 1928, *W.Y. Chun* 6486 (fl.) (E); Lim Kong District, Tse Shaan near Tse Haai Tsuen, 5 Jan. 1932, *McClure* 638 (fr.) (NY); Pok Lo District, Loh-Fu Shan, 4000 ft, 31 Apr. 1932, *Tsui* 54 (fr.) (NY); Pok Lo District, Loh-Fu Shan, 100 m, 20 Apr. 1978, *K'tung* 5724 (–) (L); district unclear; Chung Shan, Ooi Tung, 26 Apr. 1931, *Tsang* 39 (fl.) (NY); Kochow, Tai-tseh-weh, Sing Tong, 700 m, 5 May 1929, *s. coll.* (fl.) (NY); Kochow, on the way to Kwang Tan, 12 Aug. 1928, *Tsiang Ying* 908 (fr.) (E); Sie-lung, Loting,

14 Sep. 1928, *Tsiang Ying* 1161 (fr.) (E); Sui Kai, Machung, 14 June 1935, *Siu Lu Nin* 125, (fl., fr.) (NY); Wu-King-Fu, 60 m west of Swatow, foothills of Lianhua Shan, 24.25N, 115.0E, Sep. 1899, *Dalziel s.n.* (fl., fr.) (E). Hong Kong: Hong Kong Island; Mt Victoria, May 1874, *s.coll.* 9, 898 (fl.) (L); 1850, *Champion* 39 (fl.) (K); *Champion s.n.* (fl.) (K); May 1853, *Hance* 932 (fl.) (BM); 16 June 1928, *Tsiang Ying* 608 (fr.) (E, NY); 1853-56, *Wright s.n.* (fl., fr.) (L, NY); *Ford s.n.* (fr.) (NY); 23 May 1894, *Thadinier* 890 (fl.) (E); Lantau Island; Tungchung-hang, 30 Sep. 1940, *Y.W. Taam* 1826 (fr.) (NY); Tai-O, 17 Aug. 1929, *Tsiang Ying* 3087 (fl.) (K, NY, PE); Tai-O, 17 Aug. 1929, *W.Y. Chun* 3087 (fl.) (NY); 25 Dec. 1927, *W.T. Tsang* 16578 (fr.) (NY); New Territories; Clear Water Bay, Tai-po-tsai, 31 May 1970, *Shiu Ying Hu* 10312 (fl.) (K); Ma On Shan, near village, 11 May 1968, *Ying Hu* 7288 (fl.) (PE). Guangxi Province: district unclear; Shap Man Taai Shan, Nam She Village, south-east of Shang-sze, Guandong border, 31 Oct. 1934, *Tsang* 24537 (fr.) (NY); She-feng DaShan, ~30 km south of Nanning, 2000 ft, 22 Oct. 1928, *Ching* 8146 (fr.) (L, NY, US).

VIETNAM. Bac Thai Province: Phan Me, *Petelot* 2678 (fr.) (VNM). Hoa Binh Province: Haie d'un village entre Hudong et Hoa Binh, 1 May 1936, *Petelot* 5800 (fl.) (US, P). Quang Ninh Province: Dam-ha, 5 July 1940, *W.T. Tsang* 29821 (fl.) (L, Sing.); Dam-ha, 9 Sep. 1940, *W.T. Tsang* 30247 (fr.) (C, E). Vinh Phu Province: Thuy dung, Phu-toc, 12 Aug. 1979, *Tram Lii-Sanh* 129 (fl.) (HN). Ha Tay Province: Mt Bavi, Son T'ay, 4 June 1940, *Petelot* 2641 (fl.) (VNM). Quang Tri Province: Trieu Hai, 6 May 1909, *Pirey* 64 (fl.) (P). Dac Lac Province: Chuan An, Dac Mil (on Lao Border), *Phuong* 973 (VNM). Province unknown: Ankhikmhinang, 10 May 1981, *Flora Vietnamica* 465 (fl.) (HN); 'Tonkin' *Bon* 5604 (fl.) (P); 'Annam', *Poilane* 13415 (VNM). Locality unknown: *Petelot* 5800 (fl.) (VNM); *Poilane* 21521 (fl.) (K, P); *Fl. Vietnamica* 8089 (fr.) (HN); *Fl. Vietnamica* 5856 (HN); *Fl. Vietnamica* 2165 (HN).

LAOS. Savannakhet Province: kilo 20 de la route a Guang Zu, 9 Jan. 1925, *Poilane* 11844 (fr.) (P); kilo 22 de la route a Guang Zu, 30 Jan. 1925, *Poilane* 11878 (fr.) (VNM, P); on road from Savannakhet to Quangtri, *Poilane* 12077 (fr.) (P).

16. *Uvaria rufa* Blume

INDIA. Nicobar Islands: Mus, Car Nicobar, sea level, 8 June 1974, *Nair* 1557 (fl.) (L).

CAMBODIA. Pursat Province: Sre Ambel, 11 May 1928, *Poilane* 15282 (fl.) (VNM); Trassay, 12 Apr. 1928, *Poilane* 15067 (fl.) (NY, VNM); 27 June 1930, *Poilane* 17794 (VNM). Kampong-Chuang Province: Monts Kampong-Chuang, *Godefroy* 184 (fl.) (P). Kampong Cham Province: north of Nimot, 26 June 1928, *Poilane* 15356 (fl.) (VNM). Kampot Province: *Geoffray* 392 (fl.) (P); 21 Aug. 1919, *Poilane s.n.* (fl.) (VNM). Locality unknown: Jan. 1869, *Pierre* 655 (fl.) (P); May 1870, *Pierre* 655 (BKF); *Pierre* 655 (fl.) (VNM); 6 June 1878, *Harmand* 178 (fl.) (P); 2 June 1930, *Poilane* 17416 (fl.) (VNM).

LAOS. Viang Chaen Province: north of Nam Ngum Reservoir, 29 May 1955, *Talbot de Malahide* 15 (fl.) (BM); Vientiane, 31 May 1948, *Vidal* 588 (fl.) (VNM). Province unclear: Hung Kong, *Thorel s.n.* (fl.) (P); Kok Kheo, Phonthane, *Spire* 287 (fl.) (P).

VIETNAM. Kontum Province: 24 Apr. 1978, *Phuong* 604 (VNM). Gialai Province: Song Long Dakchat, 24 Apr. 1978, Nguyễn Tiễn Bản 604 (fl.) (HN). Tay Ninh Province: Cay Cong, Jan. 1867, *Pierre* 120 (fl.) (BM, C, VNM, P); Tay Ninh, mountains, 22 Jan. 1939, *Muller* 904 (fl.) (P, VNM). Dong Nai Province: Boa Chiang, July 1877, *Pierre* 1874 (fl.) (BM); Song Dinh, near Bien Hoa, 30 June 1919, *Poillane* 161 (fl.) (NY, VNM). Kien Giang Province: Phu Quoc Island, Raong Chiao, Mar. 1874, *Pierre* 1787 (BM, K, P holo); Phu Quoc Island, Feb. 1874, *Pierre* 655 (fl.) (P). Province unclear: ‘Cochinchine’ c. 1863, *Thorel* 897 (fl.) (P); Quang Phu, Dec Nong, 15 May 1979, Nguyễn Tiễn Bản 282 (fl.) (HN).

THAILAND. Chiang Mai Province: Chiangmai, 29 Apr. 1966, *Chersmirivathana* 534 (BK); Doi Suthep; 300 m, 30 May 1909, *Kerr* 660 (fl.) (BM, TCD); Doi Suthep, 3 May 1934, *Kerr* 18833 (BK); Doi Suthep, west of Mae Heeyah Nai Village, 18 Oct. 1989, *Maxwell* 89-777 (fl.) (E); Doi Suthep, 1100 m, 9 June 1949, *Soradet* 475 (fl.) (BKF); Doi Suthep, 1100 m, 10 June 1953, *Soradet* 475 (BKF); Chiang Mai University, 20 Aug. 1998, *Rattanayun & Santanachote* 5 (fl.) (CMU); Wat U-Mong, 6 Aug. 1999, *Tumersnis* 14 (CMU); Muang Petchabun, ~100 m, 30 Mar. 1922, *Kerr* 5719 (fl.) (BM); Muang Sam Sak, 200 m, 5 Apr. 1922, *Kerr* 5741 (fl.) (BK, BM, K, TCD). Udon Thani Province: Kud em, Phonpisai, Nong Khai, 4 June 1967, *Adisai* 456 (BK); Non Sang, 20 May 1968, *Bunchuai* 1638 (fl.) (L). Chaiyaphum Province: BKF no. 51506 (fl.) (BKF). Nakhon Ratchasima Province: Bam Chung Seng, 24 May 1933, *Mai Hoe* 222 (BK); Ban Chum Seng, 23 May 1929, *Nai Noe* 222 (fl.) (BM). Buriram Province: Huan Bak Dang, 20 May 1970, *BKF* 51506/coll. 126 (fl.) (BKF). Surin Province: Ban Jan Gual, *Hurlburt* 3 (fr.) (BKF). Roi Et Province: 150 m, 22 June 1969, *Smitinand* 10758 (fl, fr.) (L, BKF). Si Sa Ket Province: Kanthararun District, Chia Village, 27 Mar. 1949, *Ploenchit* 1571 (fl.) (BKF); Kantralak District, 13 Apr. 1970, *Sangkhachand* 247 (fl.) (BK). Ubon Ratchatani Province: ~200 m, 2 Mar. 1924, *Kerr* 8591 (fl.) (BM, BKF, C). Uthai Thani Province: Ban Rai, 18 July 1964, *Sangkhachand* 983 (fl.) (BKF, L). Phetchaburi Province: 31 Mar. 1926, *Kerr* 5719 (BK); 15 Jan. 1989, *Nanakorn* 88216 (fl.) (U). Prachaup Khiri Khan Province: Huey Hang Forest Reserve, 169–188 m, 22 Apr. 1901, *Laudxay* 40-107 (fl.) (KKU); Huoy Wa Toon, 10 m, 29 June 1924, *Winit* 661 (fl.) (BKF). Saraburi Province: Sahn Lahn Forest, Muang District, 300 m, 1 Apr. 1974, *Maxwell* 74-254 (fl.) (AAU, BK, BKF); Sahn Lahn Forest, 100 m, 30 June 1974, *Maxwell* 74-639 (fl, fr.) (AAU, BK, L). Krung Thep Maha Nakhon Province: Bangkok, Pekret, 16 Apr. 1922, *Marcan* 729 (fl.) (BM); *Vanpruk* 49 (fl.) (BKF); 1 July 1926, *Marcan* 2119 (fl.) (BM); 22 Apr. 1923, *Kerr* 6959 (fl.) (BM, BK). Prachaburi Province: Kabin District, 2 Mar. 1999, *Phengkklai* 6826 (fl., fr.) (BKF). Chon Buri Province: Siracha, Nawng Kaw, 30 Mar. 1923, *Kerr* 6776 (fl.) (BM, BK); Siracha west, 30 May 1930, *Collins* 1253 (BK); Siracha, 10 May 1920, *Kerr s.n.* BKF no. 13945 (fl.) (BKF); Siracha, *Collins* 105a (BM). Chanthaburi Province: Khao Phra Bat, 27 Aug. 1972, *Larsen* 32134 (fr.) (L); Makham, 9 May 1959, *Smitinand* 5777 (fl.) (BKF); Makham, 50–100 m, 9 Apr. 1959, *Sorensen et al.* 7233 (fl.) (BKF, C); Muang District, ~7 km west of Chanthaburi, 4 Apr. 1971, *Maxwell* 71-282 (fl.) (BK, L); 13 Apr. 1925, *Nai Noe* 59, (fl.) (BK, BM); Pong Nam Ron, 6 Sep. 1956, *Smitinand* 3499 (fr.) (BKF); west of Khao Soi Dao Tai, 28 Aug. 1972, *Larsen* 32164 (fr.) (AAU, L); Khao Soi Dao Tai, 12 June 59, *Sangkhachand* 7 (fl.) (BKF, L). Chumphon Province: Kaporá waterfall, Tha Sae, 27 May 1973, *Faray* 71 (fl.) (BK); Nam-Tok-Yai-Thai, 30 Apr. 1963, *Khantachai* 1023 (fl.) (BKF). Surat Thani Province: Bang Yai River, 4 June 1970, *Sakol* 1004 (BK); Bangbao, 100 m, 8 Aug. 1955, *Smitinand* 2901 (fr.) (BKF). Krabi Province: Tambon Kao Panom, 2 Apr. 1930, *Kerr* 18833 (fl.) (BM, C). Trang Province: 2 Apr. 1919, *Vanpruh* 620 (BKF); 30 Sep. 1924, *D. Bourke s.n.* (fl.) (BK);

Trang–Krabi road, 19 May 1984, *W.N.* 516 (fl.) (BKF). Satun Province: Amphoe Muang, 19 Apr. 1973, *Kasem* 1389 (BK). Songkhla Province: Bantom Island, Lake Songkhla, Satingpra, 26 May 1984, *Siriirugsa* 817 (fl.) (BKF); Had Yai District, Ban Klang, 6 June 1985, *Maxwell* 85-577 (fl.) (BKF, NY); Haad Yai District, base of Ko Nong, 10 m, 12 Aug. 1988, *Maxwell* 84-21 (fr.) (BKF). Pattani Province: Nong Chick, 21 July 1990, *Santisuk s.n.* (fl, fr.) (BKF); Yala Pattani, 50 m, 5 Sep. 1927, *Kerr* 7728 (fl., fr.) (BK, BM). Narathiwat Province: Bacho, 10 May 1961, *Sangkachand* 135 (BKF); Su Ngai Kolok, 10 Sep. 1985, *Niyomdham et al.* 952 (fl.) (AAU, C). Province not known: *Santisuk* BKF no. 95594. (BKF); south-eastern Thailand, *Dee* 1192 (BKF); 1 Apr. 1925, *Noe* 59 (C); *Collins* 197 (BM); *s.coll.* BKF 1192 (fl.) (BKF); *Sakol* 6070 (BK); Nom Maell, 18 May 1959, *Umpai* 87 (BK); Huan nam wing, Bua rai, 17 Apr. 1967, *Larsen* 285 (fl.) (BK).

MALAYSIA. Kuala Trengganu: Kuala Berok, Sungei Nerus, 18 Sep. 1955, *S.F.* 40879 (Sing.); Pahang: Aug. 1884, *Ridley s.n.* (fl.) (BM). Perak: *Scortechini* 1216 (fl.) (BM). Setul: near Batu Buuga, 1 Mar. 1910, *Ridley* 15001 (BM).

SINGAPORE. Botanic Garden 13 Apr. 1909, *Clemens* 22457 (fl.) (NY).

INDONESIA. Sumatra: Lampung Province; Bepisang, *Tiga Nemin* 4338 H.B. (fl.) (U); Larap, *Tarabangie* 4261 H.B. (fl.) (U); province unclear: *Teijsmann s.n.* (fl.) (K); Sumatra occidental, *Miquel Herb. s.n.* (fl.) (U). Java: Batavia; 1 Nov. 1904, *Backer s.n.* (fl.) (U); Brambesnan, 1 Dec. 1900, *Jensen s.n.* (C); Surabaya Oct. 1793, Aug. 1794, *Lahaie* 1772 (fl.) (P); locality unknown; *Blume s.n.* (fr.) (K, L, P); 1 Apr. 1920, *Bakhuizen s.n.* (fl.) (U); *Poivre s.n.* (fl.) (Herb. Juss. P); *Lahaye s.n.* (fl.) (Herb. Juss. P).

17. *Uvaria lobbiana* Hook.f. & Thomson

INDIA. Andaman Islands: 1884, *King's Coll.* 338 (fl.) (K).

THAILAND. Chumpon Province: Langsuan, ~90 m, 14 Feb. 1927, *Kerr* 11943 (BK); Ban Ha, Sep. 1927, *s.coll.* 9 (BK). Trang Province: Ampo Kao Kao, 5 Aug. 1929, *Rabil* 377 (fl.) (BM). Narathiwat Province: Bacho, 21 Apr. 1961, *Sangkachand* 76 (fl.) (BKF, C, K, L, P). Ranong Province: Kapoe, 15 Nov. 1965, *Sangkachand* 1128 (fl.) (BKF, C, P). Surat Thani Province: Nong Som, Ban Na, 9 Sep. 1927, *Put* 59 (fl.) (BM); 2 Mar. 1974, *Nimanong* 10 (fr.) (BKF, C, P); 18 Aug. 1875, *Prapat* 45 (fl.) (AAU, C, L, P). Phuket Province: Khao Pra Tao WRC, 29 Dec. 1983, *Fukuoka* T-35641 (fr.) (BKF).

MALAYSIA. Johore: Gunong Pulau F.R., 800 ft, 23 Sep. 1970, *Chan* FRI 17536 (fr.) (L); Palau Tioman 1300 ft, 7 May 1927, *Now* 1876 (Sing.). Kedah: Gunong Jerai, Kedah Peak, 1200 ft, 14 May 1969, *Stone* 8542 (fl.) (L). Melaka: 19 Jan. 1909, *Griffith s.n.* (BM, K, P, TCD); *Griffith s.n. E.Ind.Comp. no.* 434, 435 (fl.) (K); *Maingay* 1026 (fl., fr.) (K); 20 May 1866, *Maingay* (27) 1027, 1463 (fl.) (K, L); Bukit Bruang, April 1890, *Derry* 429 (L, Sing.); Sep. 1887, *Curtis* 1234 (Sing.). Negeri Sembilan: Pasoh FR, Jelebu District, 80–120 m, 9 May 1896, *Gardette* 1831 (fl.) (Sing). Pahang: Taman Nagara NP, ~100 m, 27/04/75, *van Balgooy* 2554 (fl.) (AAU, L); Penang: foot of hill, 1898, *Curtis s.n.* (BM); *Curtis* 841 (fl.) (AAU, K, Sing.); Moniat Road East, 18 Oct. 1951, *Sinclair* 39351 (Sing.); Govt. Hill Penang, 1000 ft, May 1896, *Curtis s.n.* (Sing.); Apr. 1888, *Curtis* 1408 (Sing.). Perak: Larut, Aug. 1883,

King 4787 (fl., fr.) (BM, K, L, Sing.). Selangor: Dec. 1896, *Ridley* 8217 (Sing). Terengganu: Ulu S. Trengan, near K. Petang, Ulu Terengganu 900 ft, 3 June 1968, *Cockburn* FRI 8439 (K, L, Sing.). Location unknown: *Maingay* 30 *pro pars* (fl., fr.) (K).

SINGAPORE. Garden's Jungle, *Ridley* 9211 (fl.) (BM, Sing.); *Lobb s.n.* (fl.) (K).

INDONESIA. Java: Bogor, cult. in Bot. Bog., 1886–1887, *Warburg* 1803 (fl.) (NY). Sumatra: Atjeh Province, Gunung Leuser Reserve, 3.0N, 97.5E, 50–125 m, 16 July 1979, *de Wilde* 18767 (fr.) (L); Asahan, Silo Maradja, June 1927, *Bartlett* 8725 (fl.) (NY); Batong Singterry, *Korthals s.n.* (fl.) (L); Laboehan Batoe, Kota Pinang District, Si Mandi Angin, 16 May 1933, *Toceos* 4137 (fl.) (NY); Lampung; *Korthals s.n.* (fr.) (L); location unclear; *Korthals s.n.* (fl.) (L, NY). Kalimantan: East Kutai River, near Sengata and Mentoko rivers, East Kalimantan, 0.3N, 117.2E, alt. <300 m, 3 July 1989, *Leighton* 723 (fl.) (L); Sakoembang in Poeloe Lampe, *Korthals s.n.* (fl.) (L); western Koetai, near Liham Batoe Beng, central East Kalimantan, 40 m, 31 July 1925, *Endert* 2333 (fl., fr.) (L).

MYANMAR. Taninthari: Mergui, *Herb. Helfer/E.Ind.Comp. no. 440* (fl.) (K, P). Bago; Yomah, *Kurz* 64 (fr.) (K); Rangoon, 26 Jan. 1853, *McCalland s.n.* (fl.) (K); Rangoon, 1867–1868, *Maingay* 28 (fl.) (K). Locality unknown: 1827, *Wallich* 6487e (–) (BM, K).

18. *Uvaria vietnamensis* C.Meade

VIETNAM. Quang Nam Province: Ba Na, 25 km north-west of Đà Nẵng, 24 July 1923, *Poilane* 7326 (fr.) (E, P); May–July 1927, *J & M. S. Clemens* 3827 (fr.) (BM, NY, P, U) (CLV 27 V). Quang Tri Province: massif de la Mere et l'Enfant, 24 May 1923, *Poilane* 6699 (fr.) (P).

LAOS. Savannakhet Province: Savannakhet to Quang Fri road, 21 Jan. 1925, *Poilane* 11721 (fr.) (E, P). Champasak Province: summit of Hang Kohn Hill, southern tip of Khong Island, 20 Sep. 1998, *Maxwell* 98-1053 (fr.) (CMU).

THAILAND. Ubon Ratchatani Province: Soi Sawan Waterfall, 16 Oct. 1998, *Chalermglin & Meade* 98-10-16-03 (–) (TCD).

19. *Uvaria griffithii* L.L.Zhou, Y.C.F. Su & R.M.K.Saunders

THAILAND. Nakhon Si Thammarat Province: *Maxwell* 85-771 (BK, CMU). Pattani Province: Kao Kalakiri, 29 Mar. 1928, *Kerr* 14876 (L). Province unknown: *Larsen* 33141 (A).

MALAYSIA. Malacca: *W. Griffith s.n.* (K). Selangor: Kepong, *King's Collector* 5857 (K). Province unknown: *Herb. Hooker. s.n.* (K).

20. *Uvaria tonkinensis* Finet & Gagnepain

CHINA. Hainan: Tsat Cha Ling, Ch'ang-kiang District, 15 May 1929, *Lau* 1751 (fl.) (P, NY); Yaichow, June 1929, *How* 71129, (fr., fl.) (NY); 700 ft, June 1929, *How* 70607, (fl.) (NY); locality unclear: 1 Aug. 1929, *Wang* 33476, (fr.) (NY); 4 Aug. 1929, *Liang* 62397 (fr.) (NY).

VIETNAM. Son La Province: Montains Thinh Chau (H.N.), 28 Apr. 1884, *Bon* 2566 (fl., fr.) (P). Langson Province: near Thanh Nai, 11 May 1934, *Petelot* 6421, (fl.) (P, NY); locality unclear: Tonkin, Cho Ganh, 'bateaux calcaeris', 31 May 1919, *Petelot* 906, (fl.) (P).

LAOS. Vieng Chang Province: Kam Yuak, ~300 m, 24 Apr. 1928, *Kerr* 21257 (fl.) (L, P).

THAILAND. Ubon Ratchatani Province: Pu, 4 Mar. 1920, *Kerr s.n.* & 8607, (fl.) (BM, K, P).

21. *Uvaria boniana* Pierre ex Finet & Gagnepain

CHINA. Hainan: Shek Mang Tai Shan, 2 Aug. 1933, *Tso* 23506 (fr.) (NY); Taam-chau District, Tiu Lung Shan, 11 Sep. 1927, *Tsang* 815 (fl.) (NY); Wontungshan, 7 Aug. 1930, *Chun* 21983 (fr.) (NY); Yaichow, 21 Aug. 1933, *Liang* 62759 (fl.) (K, NY); 10 Oct. 1933, *Liang* 63446 (fl.) (NY); 13 June 1958, *Wei* 20501 (fr.) (PK); 2 Aug. 1933, *Wang* 33547 (fl.) (NY, P, PK). Guandong: Luo-fu Shan, 23 Sept. 1978, *K'tung* 78 (fl.) (L); Tang Lung Village, south-east of Shang-sze–Kwangtung border, 10 Aug. 1934, *Tsang* 23995 (fr.) (NY); 30 July 1934, *Tsang* 23823 (fl.) (NY); Ting Wu Shan, 26 Sep. 1963, *Ting* 1039 (fl.) (L); Wan Tong Shan, Ying Tak District, 24 June 1932, *Tsui* 387 (fr.) (K, NY, US); *Tsang* 14467 (fl.) (NY); Guangxi: Me-Kon, She-Feng Dar Shan, southern Nanning, 5 Nov. 1928, *Ching* 8440, (fr.) (NY).

VIETNAM. Ha-Tay Province: Ninh-Thai, 17 Sep. 1888, *Bon* 3956 (fl.) (P, G); Ninh-Thai, 11 Aug. 1889, *Bon s.n.* (fl.) (P). Quang Ninh Province: near Quang-Yen, May 1886, *Balansa* 4185 (fr.) (P, K). Province unknown: *Petelot* 6057 (fr.) (P); *Nguyễn Tiên Bân* 45 (fl.) (HN); *Nguyễn Tiên Bân* 116 (fr.) (HN).

22. *Uvaria flexuosa* Jovet-Ast

VIETNAM. Quang Tri Province: massif de la Mere et L'Enfant, May 1923, *Poilane* 6781 (fl.) (VNM, P).

23. *Uvaria pierrei* Finet & Gagnepain

VIETNAM. Baria-Vung Tau Province: Mont Dinh, Baria, June 1866, *Pierre* 1789 (fl.) (A, BM, K, P).

LAOS. Champasak Province: summit of Hang Kohn Hill, southern tip Khong Island, Khong District, 14 Sep. 1998, *Maxwell* 98-946 (fr.) (CMU).

CAMBODIA. Pursat Province: 'coastal forest, Pursat', June 1876, *Harmand s.n.* (fl.) (P); Pursat, June 1878, *Godefroy s.n.*, (fl.) (K, P). Kampong Cham Province: Campong Long, 1866–1868, *Thorel* 2063 (fl.) (P). Kandal Province: Pnam Penh, 24 May 1878, *Godefroy* 48 (fl.) (P). Location unknown: *Mangen s.n.* (fl.) (P).

THAILAND. Ubon Ratchatani Province: in cultivation, north-eastern botanic garden, Ubon Ratchatani, 17 Oct. 1998, *Meade* 98-10-17 (fr.) (TCD). Locality unknown: *s. coll.* BKF 5260 (fl.) (BKF).

24. *Uvaria micrantha* (A.DC) Hook.f. & Thomson

INDIA. Andaman Islands: South Islands, *Kurz s.n.* (fl.) (G, P); *Helper* 433 (fl.) (A, P).

MYANMAR. Taninthari. Amhearst, 1 Jan. 1809, *Wall Herb. Cat.* 6449 (fl.) (BR, K); Tavoy, 1 Jan. 1809, *Wall. Cat.* 6430, *W. Gomez* (fl.) (BM, Herb. Wall. K); Singkon, Mergui, 50 m, 3 June 1932, *Kerr* 21660 (BK).

VIETNAM. Thua Thien Hue Province: Hue, Aug. 1887, *Harmand* in *Pierre* 1837 (P). Ninh Thuan Province: Cana, 24 Oct. 1925, *Poilane* 12426 (fl.) (A, VNM). Dong Nai Province: Nui Chua Chan, 23 Aug. 1931, *Poilane* 19371, *Poilane* 19373 (VNM); Nui Chua Chan, 22 Aug. 1931, *Poilane* 19368 (VNM); Boa Chang, near Bien Hoa, Sep. 1867, *Pierre* 209 (P). Baria-Vung Tau Province: 1866, *Pierre* 209 (VNM). Ho Chi Minh City: Aug. 1864, *Lefevre* 332 (P). An Giang Province: Chao Doc, Aug. 1867, *Pierre* 209 (fl.) (A, NY). Location unknown: 2 July 1989, *Fl. Vietnamica* 592; 21 Aug. 1987, *Bo Hong Phuc Fl. Vietnamica* 280 (HN).

LAOS. Champasak Province: Khong District, Sahong Island, eastern side, along banks of Mekong River, 15 Oct. 1997, *Maxwell* 97-1184 (fl.) (CMU). Savannakhet Province: Ban That, 19 km from Savannakhet, 3 July 1929, *Poilane* 16375 (A, P).

CAMBODIA. Siem Reap Province: Pnom Bakheng, 6 June 1938, *Poilane* 27210 (A, VNM, P); Angkor, *c.* 1866, *Thorel* 989 (P). Kampong Cham Province: Vo Kra Van, north of Memot, 28 June 1928, *Poilane* 15367 (fl.) (A, VNM). Kampong Speu Province: 8 June 1930, *Poilane* 17488 (fl.) (A, NY). Kampot Province: Kampot, March 1874, *Pierre* 209 (P).

THAILAND. Uttaradit Province: Nakawn Dai, 200 m, 17 April 1922, *Kerr* 5862 (fl.) (BK, TCD). Nakhon Ratchasima Province: Bua Kao, Korat, 7 Nov. 1931, *Put* 4316 (BK). Sisaket Province: Kantarak District, Dongrak range, Chong Bat Lak, 600 m, 18 Aug. 1976, *Maxwell* 76-540, (fl., fr.) (BK). Phetchaburi Province: Kaeng Krachen NP, 500 m, 26 Aug. 1995, *Parnell et al.* 95-467 (fr.) (TCD). Prachuap Khiri Khan Province: Bangsaphan, 11.10N, 99.4E, 29 Dec. 1927, *Put* 1421 (fl.) (BK); Hua Hin, 1 Oct. 1927, *Collins* 1582 (fr.) (US); Huai Yang, 2 Oct. 1930, *Put* 3173 (BK). Chonburi Province: Siricha District, Kew Kiee, 150 m, 9 May 1975, *Maxwell* 75-396 (fl.) (BK); Sriracha, 1 Apr. 1920, *Kerr* 4151 (fl.) (BK, TCD); Siricha District, Khao Khieo, 200 m, 12 June 1976, *Maxwell* 76-390 (BK); Sattahip District, Toong Brong, 50 m, 10 June 1971, *Maxwell* 71-425 (fl.) (BK). Sa Kaeo Province: Aran Pratet, 15 Sep. 1930, *Put* 3137 (fr.) (BK, TCD). Chanthaburi Province: Bong Nam Rawn District, North Khao Soi Dow, 200 m, 6 May 1975, *Maxwell* (fl.) (BK). Surat Thani Province: Kaw Lao, 20 July 1927; *Kerr* 12966 (fl.) (BK, TCD); Ban Ha, 7 Sep. 1927, *Yuang* 23 (BK). Nakhon Si Thammarat Province: Khoa Luang NP, Ka Rom waterfall, Lau Saka, 5 Dec. 1972, *Santisuk* 303 (fr.) (BKF); Ko Tao, 15 April 1927, *Kerr* 12761 (–) (BK, L). Songkhla Province: Lem Son, alt. <50 m, 10 Apr. 1928, *Kerr* 15133, (fl.) (BK, L, TCD). Pattani Province: 50 m, *Kerr* 7843 (fl.) (BK); Yala Province: Banang Sata, 200 m, 31 July 1928, *Kerr* 7419 (BK).

MALAYSIA. Sarawak: 1 Nov. 1920, *Agama* 1081 (A).

INDONESIA. Bali: Tirladjaja Kusuma, 30 May 1964, *Diling* 1034 (fl.) (A). Kalimantan: East Kalimantan, KPC coal-mining company, Sangatta, 20 m, 14 Apr. 1995, *Kessler* 1180 (fl.) (TCD, L). Sumatra: Lampung, *Teijsmann* 4383 (fl.) (A).

PHILLIPINES. Busuanga: 1 Sep. 1922, *Ramos* 41225 (A, BK). Luzon: 1 Sep. 1916, *Elmer* 14397 (A, NY). Palawan: Bataraza Municipality, at Gamayon, 24 June 1994, *Soejarto et al.* 8551 (fl.) (A); Ibangley, Brookside Hill, Pagdanan Range, 40 m, 24 Apr. 1984, *Podzorski* SMHI 978 (fr.) (A); Takdua Zigzag, 35–40 km from Puerto Princesa, 30 July 1988, *Soejarto & Reynoso* 6242 (fr.) (A); Tatanoram, base of Mt Beaufort, Irawan River valley, Puerto Princesa municipality, 4 Apr. 1989, *Soejarto et al.* 6407 (fl.) (A, L, NY); Tatanoram, 4 Apr. 1989, *Podorski* SMHI 2171, SMHI 1866 (fl.) (L); TayTay, 1 May 1913, *Merrill* 9271 (fl.) (A, NY); Tawitawi: Sulu Province, 1 Aug. 1924, *Ramos & Edano* 44124 (fr.) (A, NY).

PAPUA NEW GUINEA. Papua: Kangsia, 0 m, 2 Feb. 1935, *Carr* 11088 (fl.) (L, NY).

25. *Uvaria utteridgei* L.L.Zhou, T.C.F.Su & R.M.K.Saunders

THAILAND. Kanchanaburi Province: Three Pagodas Pass, 14–15 May 1946, *Kostermans* 428, (fl.) (L, K). Prachuap Khiri Khan Province: Khao Luang, ~400 m, 4 July 1926, *Kerr* 10814 (fl.) (K).

26a. *Uvaria argentea* Bl.

INDONESIA. Java, at Menes, Bantam, June 1823, *van Hasselt s.n.* (L); Java, Bantam, *Van Hasselt s.n.* (L).

26b. *Uvaria argentea* var. *bracteata* (Roxb.) C.Meade & J.Parn., *comb. et stat. nov.*

BANGLADESH. Silhet: *Roxburgh s.n.* (fl.) (BM); *F. Da Silva* in *Wall Herb. Cat.* 6468 (fl.) (BM, G, K, K-W, P).

CHINA. Yunnan: Fo-Hai, 1090 m, May 1932, *Wang* 74879 (fl.) (A).

MYANMAR. Taninthari: Tavoy, *W. Gomez* in *Wall Herb. Cat.* 6459 (fl.) (K, G).

THAILAND. Chiang Mai Province: Doi Chiang Dao, 700 m, 19.20N, 98.50E, 2 June 1969, *Geesink et al.* 5662 (fl.), (AAU, BKF, C, E, L). Chonburi Province: Ang Chang Nam, Kow Kieo Park, 300 m, 25 June 1971, *Maxwell* 75-658 (fl.) (L). Locality unclear: 1956, BKF S.n. 04083/Roy. *For. Dept. Herb. no.* 12878 (fl.) (BKF).

27a. *Uvaria wrayi* (King) L.L.Zhou, Y.C.F.Su & R.M.K. Saunders

CAMBODIA. Kampong Cham Province, north-west of Mimot, 5 July 1928, *Poilane* 15387 (P).

THAILAND. Chumpon Province: Tako, near Langsuan, 19 June 1924, *Put* 1748 (fl.) (K, L). Ranong Province: Khao Saideng, 400 m, 3 May 1964, *van Beusekom & Phengkhlai* 564 (fl.) (L). Phangnga Province: Khlong Nang Yon, 9.15N, 98.20E, 100 m, 30 Apr. 1973, *Geesink & Santisuk* 5062, (fl.) (BKF); north of Thung Maphrao, 50–100 m,

8.33N, 98.14E, 18 July 1968, *Larsen* 31150 (fl.) (AAU). Phatthalung Province: 7.20N, 100.05E, 23 Oct. 1989, *Larsen* 43944 (fl.) (AAU). Songkhla Province: Boripat Falls NP, Rattapoom, 100 m, 23 Oct. 1981, *Maxwell* 85-1001 (fl., fr.) (A).

MALAYSIA. Pahang: Jerantut, 11 Mar. 1992, *David* 105 (fl.) (P). Penang: 16 Oct. 1947, *Sinclair* S.F. 39341 (–) (Sing). Perak: Larut, 100 m, May 1883, *King* 4207 (P); 100 m, Oct. 1888, *Wray* 3283 (fl.) (Sing); 23 Sep. 1920, *Hanif* 14189 (fl.) (Sing).

INDONESIA. Sumatra: eastern coast, Mebang Moeda, Koealoe, 7 Sep. 1924, *Toreos* 1288 (fl.) (NY).

27b. *U. wrayi* var. *indochinensis* Jovet-Ast. (Jovet-Ast) C.Meade & J.A.N.Parnell, *comb. nov.*

VIETNAM. Haut Donai Province: near Blao, 13 Feb. 1933, *Poilane* 21930 (P); Haut Donai Province: near Blao agriculture station, 26 May 1933, *Poilane* 22517 (P).

***Uvaria* ‘Hahnii Group’ material examined**

28. *U. dasoclema* L.L.Zhou, Y.C.F.Su & R.M.K.Saunders

THAILAND. Kampeng Pet, Me Lamung, 8 June 1932, *Kerr* 6087 (K)

29a. *Uvaria ferruginea* Hook.f. & Thomson

BANGLADESH. Conulla Teela, 15 Sep. 1871, *Clarke* 14227A (fl., fr.) (K); Conulla Teela, 15 Sep. 1871, *Clarke* 14227B (fl., fr.) (BM)

MYANMAR. Taninthari: Meaday, *Buchanan-Hamilton s.n.* (fl.) (BM). Mandalay: near Pyinmana, 9 June 1927, *Parkinson* 6141 (fl.) (K).

29b. *U. ferruginea* var. *cherrevensis* (Finet & Gagnepain) C.Meade & J.Parnell, *comb. et stat. nov.*

CAMBODIA. Preah Vihear Province: Cherreo Mountains, Apr. 1870, *Pierre* 1790 (fl.) (A, C, L, NY, P).

THAILAND. Mae Hong Son Province: Mae Sa Liang, Ban Mae Hang (Mong Village) 300 m, 12 June 1994, *Palee* 193 (CMU). Chiang Mai Province: Awp Luang Gorge, off the Hod–Mae road, 29 Sep. 1989, *Maxwell* 89-1124 (fr.) (A); near Bo Luang, 400 m, 12 June 1973, *Geesink et al.* 5835 (fl.) (L); Doi Inthanon, eastern side, near Sop Aep, 800 m, 12 Dec. 1969, *van Buesekom & Phengkhilai* 2054 (fr.) (L); Doi Inthanon, Mae Klang waterfall, interior of Chom Thong, 30 Sep. 1971, *Murata et al.* T-15397 (fr.) (L); Doi Inthanon, along Me Klang River (RS-3), 30 July 1988, *Koyama* T-61621 (fr.) (A); Doi Inthanon, Nam Tok Mai Klang, 8 Nov. 1965, *Sangkhachand* 11 (BK); Doi Saget, southern part, Huay Hang Cry area, Bah Kiang Subdistrict, 450 m, 13 June 1990, *Maxwell* 90-625 (fl.) (A); Doi Suthep, eastern side, Wang Bua Bahn area, 500 m, 22 Aug. 1987, *Maxwell* 87-861 (fr.) (L); Doi Suthep, north-western slope, Mae Rim to Samoeng road, 13 Sep. 1997, *Suddee* 839 (fr.) (TCD); Doi Suthep, 30 Aug. 1921, *Kerr* 340 (fl.) (TCD); Doi Suthep, 6 May 1909, *Kerr* 636 (fl.) (BM, K, L, TCD). Chiang Rai Province: Muang Payoa, 11

July 1931, Put 3952 (BM, BK); Tak Province: along road 75 km north of Tak, northern District, 8 June 1968, *van Buesekom & Phengkhlai* 1063 (fl., fr.) (AAU, L); Doi Car, a hill ~40 cm west of Tak, 700 m, 22 July 1973 *Murata et al.* T 16804 (fl.) (L); Lansang NP, 400 m, 22 July 1973, *Murata et al.* T-16681 (fr.) (L). Sukothai Province: Sah Wahng Ah Rome Temple area, Muang Gow District, 9 June 1972, *Maxwell* 72-295 (BK). Nakhon Phanom Province: 1 May 1932, *Kerr* 21443 (fl.) (TCD). Chaiyapum Province: Chum Pae, 3–400 m, 11 Aug. 1972, *Larsen* 31688 (L). Nakhon Ratchasima Province: Ban Chum Seng, 26 May 1929, *Noe* 289 (BK); Ban Chum Seng, 21 Mar. 1930, *Put* 3068 (BK); Khao Yai NP, eastern part, Pak Thong Chai, 11 Aug. 1968, *Larsen* 3336 (AAU); Pirmai, 5 Aug. 1963, *Pradit* 810 (BK); Sakaerat ERS along Huai Krae stream, Pak Thong Chai, 400 m, 1 Nov. 1969, *van Buesekom & Charoenpol* 2003 (fr.) (L); Sakaerat ERS, 7 Dec. 1983, *Fukuoka & Ito* T-34886 (fr.) (L); Sakaerat ERS, along main road to compound, 14.29N, 101.55E, 18 Oct. 1998, *Meade* 98-10-18-02 (fr.) (TCD). Buriram Province: Amphoe Maung, 22 June 1984, *Sahol et al.* 6058 (BM). Roi Et Province: Kaset Wisai, Ban Nam Om, 9 June 1982, *Paisooksantivatana* y-1029-82 (BK). Ubon Ratchathani Province: Ban Sang Muang, Po Sai District, 7 Sep. 1997, *Suddee* 797 (fr.) (TCD). Kanchanaburi Province: Erawan, 1–300 m, 2 July 1974, *Larsen* 34015 (fr.) (L); Thung Yai NP, hills above ranger station, 14.19N, 99.12E, 29 Sep. 1998 (–) (TCD). Phetchaburi Province: Cha-am, *Paisooksantivatana* y-2375-89 (BK). Locality unknown: 1 May 1929, *Noe* 289 (fl.) (TCD, L)

30a. *Uvaria pauciovulata* Hook.f. & Thomson

THAILAND. Narathiwat Province: Waeng, 13 June 1970, *Smitinand* 10916 (fl.) (BKF).

MALAYSIA. Johore: Sungkai Kayn, eastern Johore, 19 Oct. 1936, *Kiah Sing.* field number 32128 (BM, Sing.). Kedah: Gunung Peali, below lower woods, Dec 1904, *Ridley* 12178, (Sing.). Penang: highlands, May 1886, *Curtis* 825 (–) (Sing.). Perak: Larut, 500–1000 ft, Oct. 1884, *King* 6748 (fl., fr.) (BM). Malacca: 14 June 1865, *Maingay* 1023 (fl.) (K); 27 May 1868, *Maingay* 3392 (fl.) (K). Selangor: Suryei Buloh, 10 May 1930, *Foxworthy* 17051, (Sing.). Locality unknown: *Maingay* 1023A (fl., fr.) (K).

SINGAPORE: Bukit Timah FR, tree number 347, 1 June 1939, *Ngadiman Sing.* field number 36432 (BM, K, Sing.); Bukit Timah FR, 2/5/1953, *Sinclair* 39578 (–) (Sing.); Sungkai Morai, 19 Dec. 1953, *Sinclair Sing.* field number 40179 (BM); Mandai Forest, Opp Jalan Lada Hitan, Lianes near water-edge, 15 Oct. 1996, *Lai* LJ74 (–) (Sing.).

30b. *U. pauciovulata* var. *scortechinii* (King) C.Meade & J. A.N.Parnell, *comb. et stat. nov.*

MALAYSIA *Perak*; *Scortechini* 1990 (fl.) (A, K); *Scortechini* s.n (fl.) (BM).

31a. *Uvaria hahnii* Sinclair

MYANMAR. Mandalay: Mayniyo Plateau, 1 Aug. 1913, *English* 39 (fr.) (K).

CAMBODIA. Siem Reap Province: Angkor, 1866–1868, *Thorel* 2102 (fl.) (P). Pursat Province: Svay Pak, 6 July 1965, *Martin* 246 (fr.) (P). Kampong Spoe Province: Pnom Tho ma So, near Ko Virk village, 2 May 1928, *Poilane*

15169 (fl.) (P). Kampot Province: Kamchay Mountains, 26 Feb. 1896, Hahn *s.n.* (fl., fr.) (P); Kampot, Mar. 1874, *Pierre 1786* (fl.) (P); Kampot, 13 Apr. 1904, *Geoffray 385* (fl.) (P). Locality unknown. *Pierre s.n.* ex Herb. *Hance 20172* (fl.) (BM).

LAOS. Savannakhet Province: between Savannakhet and Bouthat, 27 June 1929, *Poilane 16333* (fr.) (P); Bouthat, 30 June 1929, *Poilane 16351* (fl.) (Sing.)

THAILAND. Nong Khai Province: Chaiyaburi, 1 May 1932, *Kerr 21326* (fl.) (BM). Nakhon Phanom Province: Pu Wat, ~300 m, 16 May 1932, *Kerr 21498* (fl.) (BK, BM); Sisaket Province: Chong Bat Lak, Kantaralak District, 14.30N, 104.0E, 670 m, 11 Apr. 1976, *Maxwell 76-200* (fl.) (AAU, BK, L). Saraburi Province: Sahn Lahn, 150 m, 30 Mar. 1974, *Maxwell 74-224*, (fl.) (AAU, BK). Chonburi Province: Sattahip District, Toong Brong, 7 May 1972, *Maxwell 72-219* (fl.) (AAU, BK); Sriracha District, Khao Kieo, 350 m, 7 Apr. 1975, *Maxwell 75-366* (fl.) (AAU, BK, L); Sriracha District, Khao Kieo, 13.16N, 101.5E, 400 m, 18 Apr. 1976, *Maxwell 76-245* (fl.) (AAU, BK); Sriracha, Nong Nam Kro, 100 m, 5 Apr. 1920, *Kerr 4171* (fl.) (AAU, BK, BM, K). Rayong Province: Ban Pe, 19 Feb. 1930, *Put 2707* (fl.) (BK, E, K, TCD). Chanthaburi Province: Khao Phra Bat, north of Chanthaburi, 12.52N, 102.10E, 100 m 27 Aug. 1972, *Larsen et al. 32104* (fr.) (AAU). Trat Province: Khao Saming, 1 Apr. 1925, *Noe 53* (fl.) (BK, E, K, TCD).

31b. *Uvaria hahnii* var. *kontumiense* (T.B.Nguyen) C.Meade & J.Parn., *comb. et stat. nov.*

VIETNAM. Kontum Province: Kon plong, 16 Apr. 1978, *K.Dao 258* (fl.) (VNM); Moray Dak To, 3 Apr. 1978, *Ly 430* (fl.) (VNM); Moray Dak To, 4 Apr. 1978, *K.Dao 215* (fl.) (VNM).

32a. *Uvaria dulcis* Dunal

CAMBODIA. Pursat Province: Massif Pursat, between Ko Virk and La Kiang Chon, 9 May 1928, *Poilane 15260* (fr.) (VNM, US); Kom Nom, on road to Trassay, 26 Apr. 1928, *Poilane 15125* (VNM). Kaoh Kong Province: Sre Ambel, *Poilane 17410* (VNM). Locality unknown; 31 July 1929, *Béjeaud 47* (VNM).

LAOS. Viengchiang Province: Viengchiang, 6 July 1948, *Vidal 584* (VNM). Savanakheth Province: between LaoBao and Tchepon, 28 May 1927, *Poilane 13360* (VNM).

VIETNAM. Kontum Province: Dak Gley Village, on slopes of Dak Poko River, 600 m, 29 Mar. 1995, *Averyanov et al. VN 985* (fl.) (HN). Dak Lac Province: Easup, Krong Na, Buon Don, 16 Apr. 1987, *Nguyễn Tien Hiep 405* (HN). Lam Dong Province: Dalat, 1 Apr. 1932, *Squires 905* (fl.) (NY). Khanh Hoa Province: Nhatrang, 9 May 1922, *Poilane 3193* (fl.) (Ham, VNM, P); Ninh Hoa, 4 May 1922, *Poilane 3172* (VNM); Ninh Hoa, 13 Nov. 1922, *Poilane 5175* (VNM); Ninh Hoa, 9 June 1923, *Poilane 6832* (VNM); north of Ninh Hoa, 10 June 1923, *Poilane 6838* (VNM). Ninh Thuan Province: Ba Kan, 28 Feb. 1924, *Poilane 9789* (VNM, P); CaNa, 26 Dec. 1923, *Poilane 9342* (VNM); Phan Rang, 26 June 1919, *Poilane 108* (fl.) (Ham, VNM, P). Dong Nai Province: Bao Chiang near Bien Hoa, July 1877, *Pierre 1873* (BM, P); Bien Hoa, 24 Aug. 1931, *Poilane 19396* (VNM, P). Province unknown: Honguan,

11 May 1930, *Poilane* 17377 (fl.) (US); Snoi Dan, southern Vietnam, 26 July 1961, *Schmid s.n.* (fl., fr.) (P); *Pierre* 6/1864 (*s. loc.*), *Pierre* 385 (fl., fr.) (L, P, US).

THAILAND. Mae Hong Son Province: Ban Huai Sai, 12 km south of Mae Sariang, 18.06N, 97.55 E, 12 July 1968, *Larsen* 2381 (fr.) (L); Maesariang, 8 July 1966, *Prayad* 359, (fl., fr.) (BK). Chiang Mai Province: Bun Hay Hin Dahm area, Na Kau Ruah Subdistrict, 19 May 1992, *Maxwell* 92-225 (CMU); Doi Suthep, 300 m, *Kerr* 12 (fl.) (TCD); Doi Suthep, 300 m, 26 May 1909, *Kerr* 607 (fl.) (TCD); Doi Suthep, 4 May 1966, *Sukkri* 12 (fl.) (L); Doi Suthep, 27 Apr. 1966, *Chermairivathana* 530 (fr.) (BK); Doi Suthep, 27 Apr. 1966, *Chermairivathana* 537 (fr.) (BK); Doi Suthep, southern tip, Mae Heeyah Nai Village, Muang District, 400 m, 23 May 1988, *Maxwell* 88-509 (fl.) (L); Huay Din Dahm, Nahm Prae Subdistrict, Hahng Dong, 400 m, 29 Aug. 1987, *Maxwell* 87-899 (fr.) (L); Mae Rim–Sameng highway, 2 km, just north of Doi Suthep-Pui NP, 375 m, 7 Sep. 1989, *Maxwell* 89-1044 (fl.) (L); Mae Rim–Samung road, 7 Sep. 1989, *Pooma* 326 (CMU); Mae Rim, beside stream, 15 km north of Chiang Mai, 18.55N, 98.54E, 450 m, 15 July 1968, *Larsen* 2477 (fr.) (L); Mi Chim, Chiangmai, 600 m, 9 May 1921, *Kerr* 5402 (BK); Ob Luang NP, Chiang Hawt District, southern side of gorge at park HQ, near Mae Jam River, 14 July 1996, *Maxwell* 96-948 (CMU); Sahn Kahm Village, Chom Tong, 300 m, 9 Oct. 1989, *Kertkusol* 15 (fr.) (L); Wieng Hang, near Wat Glawng Lohm, 2 km west of Wieng Hang Toan, near Mae Haht (Karen) Village, *Maxwell* 95-335 (CMU). Chiang Rai Province: Ban Mai Pattana, Namng Bah Gaw Subdistrict, 450 m, 28 July 1988, *Maxwell* 88-926 (fr.) (L). Lamphun Province: 27 km north of Li, 78 km south of Lamphun, 410 m, 5 June 1963, *Merrill* 5457 (fl.) (L). Sukothai Province: Muang Gow District, near PraTahDueNahmDokSoGachana Temple, 6 Nov. 1971, *Maxwell* 71-746 (fl.) (BK). Sakon Nakhon Province: Phuphan NP, 300 m, 8 May 1997, *Pooma* 1628 (CMU); Punna Ni kom, 28 June 1932, *Lakshnakara* 1078 (BK); Chaiyaphum Province: Ban Lui Lai, 700 m, 15.40N, 102.0E, 25 May 1974, *Geesink et al.* 6940 (fl.) (L); Kang Keo, 28 Oct. 1965, *Sakol Suthisorn* 676 (BK). Surin Province: Kao Sawai, 18 May 1965, *Sakol* 251 (fl.) (BK). Sisaket Province: Kantralak District, 14 Apr. 1966, *Sangkhachand* 250 (fl.) (BK); Kantralak District, 28 Apr. 1966, *Sangkhachand* 285 (BK). Ubon Ratchathani Province: Ubon Ratchathani, 10 June 1932, *Lakshnakara* 884, (BK). Prachaup Khiri Khan Province: Pran, 50 m, 15 July 1926, *Kerr* 10990 (fl.) (BK); Awng Kau, 1 Oct. 1927, *D. Collins* 1581 (fr.) (BK). Nakhon Pathom Province: Mak Daahan, Lakawn Pasam, ~100 m, 14 May 1932, *Kerr* 21459 (BK). Nakhon Nayok Province: Nang Tae-Keai, 25 Mar. 1975, *Sutheesorn* 3240 (BK). Saraburi Province: Sahn Lahn, 125 m, 14 Apr. 1974, *Maxwell* 74-285 (fl.) (BK, L); Sahn Lahn Forest, 200 m, 14 July 1974, *Maxwell* 74-715 (fr.) (BK, L); Sahn Lahn Forest, 125 m, 26 July 1975, *Maxwell* 75-718 (fr.) (BK, L). Chon Buri Province: Sattahip district, Toong Brong, near sea level, 7 Oct. 1972, *Maxwell* 72-430 (fl.) (BK); Sattahip district, Toong Brong, near sea level, 23 June 1974, *Maxwell* 74-626 (fl.) (BK); Sattahip District, Toong Brong, 23 June 1974, *Maxwell* 74-626 (fr.) (L); (BK); Sriracha, 21 May 1926, *Collins* 1254 (fl., fr.) (BK, US); Sriracha, 13 May 1927, *Collins* 1508 (fl., fr.) (BK, US); Sriracha District, Khao Kieo, 200 m, 7 Apr. 1975, *Maxwell* 75-378 (BK); Sriracha district, Khao Kieo, 350 m, 31 Aug. 1975, *Maxwell* 75-952 (fr.) (BK); Hoop farang, near Sriracha, 1 July 1923, *Collins* 903 (BK); Wang Kenai, 10 m, 16 May 1927, *Marcan* 2214 (fl.) (BM, TCD). Province unknown; Doi Wang NP, eastern side, Mae Dtawn Nai Village area, 550 m, 19 June 1997, *Maxwell* 97-678 (CMU); locality unknown; 1 July 1924, *Marcan* 1798 (TCD).

INDONESIA. Java: Preanger sur Kadipateau, 10 Nov. 1904, *Hochreutiner* 2516 (fl.) (L); Samoeng, 11 Nov. 1911, *Leeunen* 364a (fl.) (L); Surabaya: 1 Jan. 1924, *Rant s.n.* (fl.) (L); 6 Mar. 1919, *Backer* 26572 (fl.) (L); Java c.

1796 *Lahaie s.n.* (fl.) (G); ‘Uvaria javana DC’, *Leschenault s.n.* (fl., fr.) (P); Java, 1816, *s.coll.* (fl.) (TCD). Madura: Bangkalan, 10–50 m, 21 Feb. 1915, *Backer* 18936 (fr.) (L); northern coast, hilly country, common, 10–150 m, 8 Mar. 1915, *Backer* 19942 (fr.) (L). Bali: Penginuman near Gilimanuk, western Bali, 5 m, 14 Oct. 1985, *van Balgooy* 5268 (fl.) (L). Sumbawa Nusa Tenggara: 5 km south of Bima, near Dessa, 70–80 m, 20 Feb. 1939, *Bloembergen* 3155 (fr.) (L). Buru: Insula Bourou, Sep. 1844, *Labillardière s.n.* (fl.) (TCD).

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MYANMAR. Taninthari: eastern Mergui, 150 m, *Kerr* 21608 (BK).

VIETNAM. Thua Thien-Hue Province: Da Nang, May–July 1927, *Clemens* 3131 (fl.) (NY); Da Nang, May–July 1927, *Clemens* 3447 (fl.) (NY); Hue, 29 Sep. 1921, *McClure* 793 (fl.) (A). Khanh Hoa Province: Nha Trang, 4–5 Feb. 1914, *Chevalier* 30452 (fl., fr.) (P); Nha Trang, 11 May 1929, *Neilsen* 606 (C).

CAMBODIA. Siem Reap Province: Angkor, 1875, *Harmand* 612, 621(fl.) (P). Pursat Province: Pursat, 11 June 1875, *Harmand* 298 (fl., fr.) (P).

THAILAND. Maha Sarakham Province: Kosum Phisai, 150 m, 1 May 1968, *Smitinand* 10445 (BKF, L). Khon Kaen Province: Khon Kaen, *Playarat s.n.* 7-91 (KKU). Surin Province: Tatoon, Ponkrok District, 7 June 1982, *Paisooksantivatna & Suthesorn* 906-82 (fr.) (BK). Prachuap Khiri Khan Province: Khao Luang, ~300 m, 3 July 1924, *Kerr* 10797 (fl.) (BK). Prachuap, 90 m, 13 July 1921, *Winit* 615 (BK); Prachuap, 120 m, 7 July 1921, *Winit* 667 (BK); Khao Luang, ~300 m, 6 July 1926, *Kerr* 10874 (fl.) (BK). Anthonng Province: Wat Glang, Muang District, Anthonng, 14 Aug. 1971, *Maxwell* 71-479 (fr.) (AAU, BK); Wat Glahng, Howa Pie, Muang District, 2 Apr. 1972, *Maxwell* 72-175 (AAU, BK); Wat Glahng, Hoa Pie, Muang District, 25 m, 31 May 1975, *Maxwell* 75-571 (AAU). Saraburi Province: Munam Sak, 40 m, 1 June 1923, *Kerr* 7033 (fl.) (BK, TCD); Ban Nwang Bua, 1 Oct. 1927, *Put* 1110 (BK). Krung Thep Province: outside front door of BKF, cultivated, Chatuchack, 8 Oct. 1998, *Meade* 76 (fl.) (BKF, TCD); Kasetstart University, cultivated, *Maxwell* 71-754 (BK); Bangkok, 15 Feb. 1932, *Put s.n.* (BK); Pknet, near Bangkok, 14 Oct. 1923, *Kerr s.n.* (fl.) (BK); near Bangkok, *Smyth* 647 (BK). Chonburi Province: Sriracha, 27 June 1920, *Kerr* 4308 (TCD). Chanthaburi province: Bong Nam Rawn District, northern Khao Soy Dow, 250 m, 6 May 1975, *Maxwell* 75-496. Krabi Province: Aranga, ~50 m, 12 May 1930, *Kerr* 19313 (BK). Nakhon Si Thammarat Province: Ban Bua Put, Ko Samui, 14 May 1928, *Kerr* 15727 (fl.) (BK, TCD). Songkhla Province: Bantom Island, Lake Songkhla, 0 m, 26 May 1984, *Sirirugsa* 818 (A); Khao Kho Hang, 6 Oct. 1988, *Larsen* 40277 (AAU). Pattani Province: Kok Po, <50 m, 5 Apr. 1918, *Kerr* 15067 (BK, K); Narathiwat Province: Nikhomwang, 7 May 1968, *Prayed* 1367 (BK); Amphoe Baco, 31 Dec. 1968, *Prayed* 1638 (fr.) (BK).