

## Family 40. AMARYLLIDACEAE

### Revision:

Geerinck, DJL. 1993. *Amaryllidaceae*. Flora Malesiana series 1, 11: 353-373.

### 1. *Crinum* Linnaeus

***Crinum asiaticum*** L., Sp. Pl. (1753) 292; --Merr., Fl. Manila (1912) 147; EPFP 1 (1922) 210; --Geerinck, Fl. Males. ser. 1, 11 (1993) 359, Fig. 1. --Types from India, Malabar Coast and Sri Lanka in LINN.

Indian Ocean Isls (Cocos Is, Mascarenes), India, Myanmar, Thailand, Laos, Cambodia, Vietnam), Sumatra, Peninsular Malaysia, Singapore, Borneo (Brunei, Sarawak), the Philippines, N Sulawesi, Java, Madura, Timor, Moluccas (Ambon, Seram), New Guinea (Merauke, Sepik, Milne Bay), Bismarck Arch., Solomon Isls, NW Australia, New Caledonia, Pacific Isls (Guam, Carolines, Marshalls, Fiji, Samoa).

LUZON, MINDORO, PALAWAN, MINDANAO. Along sandy seashores, sometimes planted inland.

***Crinum gracile*** E Meyer in C Presl, Rel. Haenk. 1 (1827) 120; Naves, Novis. App. (1880) 255; --Baker, Handb. Amaryll. (1888) 81; --Merr., EPFP 1 (1922) 210; --Geerinck, Fl. Males. ser. 1, 11 (1993) 361. --Type: Haenke. Luzon.

*Crinum cumingii* Baker, Gard. Chron. 2 (1881) 72; Handb. Amaryll. (1888) 81; --Vidal, Phan. Cuming. Philip. (1885) 152; Rev. Pl. Vasc. Filip. (1886) 275. --Type: Cuming 1382.

Sumatra (Palembang), Philippines, New Guinea.

LUZON: Nueva Ecija, Laguna, MINDORO, MINDANAO. Primary lowland forests.

### Cultivated species:

***Crinum latifolium*** L., Sp. Pl. (1753) 291; --Merr., Fl. Manila (1912) 148; EPFP 1 (1922) 210; --Steiner, Philip. Ornament. Pl. (1960) 137; --Geerinck, Fl. Males. ser. 1, 11 (1993) 361.

Native to tropical Asia. Cultivated as an ornamental and perhaps escaped.

***Crinum zeylanicum*** L., Syst. ed. 12 (1767) 236; --Merr., Fl. Manila (1912) 148; EPFP 1 (1922) 211; --Geerinck, Fl. Males. ser. 1, 11 (1993) 361.

Native to tropical Africa and Asia. Cultivated as an ornamental and subnaturalized.

### 2. *Curculigo* Gaertner

***Curculigo capitulata*** (Lour.) Kuntze, Rev. Gen. Pl. (1891) 703; Elmer, LPB 5 (1913) 1645; --Merr., EPFP 1 (1922) 213; --Geerinck, Fl. Males. ser. 1, 11 (1993) 367, Fig. 5 a; --Molineria capitulata (Lour.) Herbert, Amaryll. (1837) 84; --Backer & Bakh.f., Fl. Jav. 3 (1968) 209; --Leucojum capitulatum Lour., Fl. Cochinch. (1790) 199. --Type: unknown.

*Molineria recurvata* (Dryand.) Herbert, Amaryll. (1837) 84; --*Curculigo recurvata* Dryand. In Aiton, Hort. Kew., ed. 2, 2 (1814) 253; --Naves, Novis. App. (1880) 253; --Elmer, LPB 5 (1913) 1645.

*Curculigo glabra* Merr., PJS 2 c (1907) Bot. 267; EPFP 1 (1922) 213. --Type: Merrill 5750, Mindoro.

Nepal, India, Bangladesh, Sri Lanka, Taiwan, Thailand, Sumatra, Peninsular Malaysia, Singapore, Java, Philippines, Sulawesi, Moluccas (Halmahera; Talaud; Ternate; Ambon), New Guinea, Manus Is, Solomon Isls, Australia, Hawaii.

BATANES, LUZON: Mountain Province, Benguet, Laguna, Quezon, Sorsogon, POLILLO, ALABAT, MINDORO, NEGROS, BILIRAN, LEYTE, PANAY, MINDANAO, SIARGAO. Forests and thickets, chiefly at low and medium altitudes, ascending to 1800m.

**Curculigo erecta** Laut., Bot. Jahrb. 50 (Aug. 1913) 304; --Geerinck, Fl. Males. ser. 1, 11 (1993) 367, Fig. 5b. --Type from New Guinea.  
E Sumatra, N Philippines, New Guinea (Irian Jaya).  
LUZON.

**Curculigo latifolia** Dryand. in Aiton, Hort. Kew. ed. 2, 2 (1811) 253; --Geerinck, Fl. Males. ser. 1, 11 (1993) 369, Fig. 5 c.  
Molineria latifolia (Dryand.) Herbert ex Kurz, Nat. Tijdr. Ned. Indië 27 (1864) 232; Backer & Bakh.f., Fl. Jav. 3 (1968) 209.  
Curculigo agusanensis Elmer, LPB 5 (1913) 1645; --Merr., EPFP 1 (1922) 213.—Type: Elmer 13584. Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong].  
Curculigo weberi Elmer, LPB 5 (1913) 1646; --Merr., EPFP 1 (1922) 214. --Type: Elmer 14304. Mindanao: Agusan del Norte prov., Mt Urdaneta [=Mt Hilong-hilong].  
Curculigo brevipedunculata Elmer, LPB 5 (1913) 1647; --Merr., EPFP 1 (1922) 213. --Type: Elmer 13164. Palawan, Mt Pulgar [=Thumb Peak].

**var. latifolia**

India, Burma, Thailand, Sumatra, Lingga, Peninsular Malaysia (Pahang), Borneo (Kalimantan; Sarawak; Sabah), Java, Philippines, Sulawesi.  
LUZON: Sorsogon, PALAWAN, BALABAC, PANAY, SAMAR, MINDANAO: Zamboanga; Lanao del Sur, Agusan del Norte (Mt Hilong-hilong). Lowland and medium altitude forests.

**Curculigo orchioides** Gaertn. Fruct. 1 (1788) 63, t. 16; --Elmer, LPB 5 (1913) 1645; --Merr., Sp. Blancoanae (1918) 100; EPFP 1 (1922) 213; --Geerinck, Fl. Males. ser. 1, 11 (1993) 370, Fig. 5 a. --Type: Unknown.  
Gethyllis acaulis Blanco, Fl. Filip. (1837) 260; ed. 2 (1845) 181; ed. 3, 1 (1877) 324.  
India, Thailand, Laos, Cambodia, Vietnam, Taiwan, Sumatra, Java, Borneo (Kalimantan), Philippines, Sulawesi, Lesser Sunda Isls (Sumba; Flores; Timor), Moluccas (Ambon), New Guinea, Misima Is.  
LUZON: Mountain Province, Pangasinan, Rizal, Sorsogon, MINDORO, SEMIRARA, PALAWAN, PANAY, BILIRAN, SAMAR, MINDANAO. Low to medium altitude grasslands, particularly kogonales type.

Eurycles Salisbury =Proiphys

**Hymenocallis** Salisbury

**Hymenocallis littoralis** (Jacq.) Salisb., Trans. Hort. Soc. 1 (1812) 338; --Merr., EPFP 1 (1922) 211; --Geerinck, Fl. Males. ser. 1, 11 (1993) 370, Fig. 5 a. S to C America. Cultivated and naturalized in tropical Africa, tropical Asia and the Pacific Islands. Bismarck Archipelago, Java, Philippines:  
LUZON. Cultivated around towns, occasional in waste places, along seashores and in moist sandy places at low altitudes.

**Hypoxis** Linnaeus

**Hypoxis aurea** Lour., Fl. Cochinch. (1790) 200; --Merr., EPFP 1 (1922) 214; --Geerinck, Fl. Males. ser. 1, 11 (1993) 370, f. 6. --Type from Vietnam.

China, India, Thailand, Cambodia, Vietnam, Sumatra, Peninsular Malaysia, Java, Philippines, Sulawesi, Flores, New Guinea (Irian Jaya).

LUZON: Mountain Province, Benguet, Nueva Ecija, MINDANAO: Lanao, Bukidnon. Grassland and other sunny places, medium and higher altitudes, ascending to 2300m.

### **Pancratium** Linnaeus

**Pancratium zeylanicum** L., Sp. Pl. (1753) 290; --Merr., Fl. Manila (1912) 148; EPFP 1 (1922) 212; --Geerinck, Fl. Males. ser. 1, 11 (1993) 363, Fig. 2. --Type: Probably from Sri Lanka, but perhaps of garden origin.

India, Sri Lanka, Peninsular Malaysia, Borneo (Pandarán), Java, Philippines (introduced), Sulawesi and Moluccas (Ambon, Gorontalo).

LUZON: La Union, Camarines, PALAWAN, BILIRAN. Coconut and abaca plantations, grasslands, thickets, also cultivated in gardens, altitude up to 600m altitude.

### **Proiphys** Herbert

**Proiphys amboinensis** (L.) Herbert, Appendix (1821) 42; --Geerinck, Fl. Males. ser. 1, 11 (1993) 366, Fig. 3, 4a-b; --Eurycles *amboinensis* (L.) Lindl. in Loud. Encycl. Pl. (1829) 242; --Merr., Fl. Manila (1912) 149; EPFP 1 (1922) 211.

Thailand, Philippines, Sulawesi, Lesser Sunda Isls (Bali, Timor), Moluccas (Ambon), New Guinea, Bismarck Archipelago.

LUZON: Cavite, Rizal, Laguna, MINDORO, PALAWAN. Seashores and rocky places, lowland secondary forests, often cultivated as an ornamental, apparently never far from human settlements and hence possibly introduced.

### **Cultivated species of non-Malesian Genera:**

**Amaryllis belladonna** L., Sp. Pl. (1753) 293; --Steiner, Philipp. Ornam. Pl. (1960) 136; --Geerinck, Fl. Males. ser. 1, 11 (1993) 371.

Native of South Africa.

**Eucharis amazonica** Linden ex Planch., **Illustr. Hortic. 28 (1881) 30**; --Geerinck, Fl. Males. ser. 1, 11 (1993) 371.

*Eucharis grandiflora* auct. *non* Planch. & Linden, Fl. des Serres i, 9 (1853-54) 255; --Merr., Fl. Manila (1912) 149; EPFP 1 (1922) 211.

Native of South America. Occurs in the Philippines only as a cultivated ornamental.

Amazon lily.

**Eucharis mastersii** Baker, Bot. Mag. (1885) pl. 6831; --Geerinck, Fl. Males. ser. 1, 11 (1993) 372.

*Eucharis grandiflora* auct. *non* Planch. & Linden, Fl. des Serres 1, 9 (1853-54) 255; --Steiner, Philip. Ornam. Pl. (1960) 137.

Native of Colombia.

**Hippeastrum mastersii** Baker, **xxxx**; --Geerinck, Fl. Males. ser. 1, 11 (1993) 372.

*Hippeastrum equestre* (Aiton) Herbert, xxx; --Steiner, Philipp. Orn. Pl. (1960) 137;  
Native of C America and West Indies.

***Hippeastrum reginae*** (L.) Herbert, xxx; --Geerinck, Fl. Males. ser. 1, 11 (1993) 372.  
*Hippeastrum miniatum* auct. non Herbert, Amaryll. Suppl. (1837) 31; --Merr., EPFP 1 (1922) 212.  
*Amaryllis atamasco* auct. non L., --Blanco, Fl. Filip. (1837) 254.  
Native of the neotropics.

LUZON: La Union, Rizal, Laguna, Quezon, PANAY, SIASI, MINDANAO. Cultivated for ornamental purposes, but apparently naturalized under coconut groves, etc.

***Hippeastrum reticulatum*** (L'Her.) Herbert, xxx; --Steiner, Philipp. Orn. Pl. (1960) 137; --Geerinck, Fl. Males. ser. 1, 11 (1993) 372.  
Native of Brazil.

***Polianthes tuberosa*** L., Sp. Pl. (1753) 316; --Merr., Fl. Manila (1912) 148; EPFP 1 (1922) 212.  
Native of the Neotropics. Cultivated for its fragrant flowers but nowhere naturalized in the Philippines. Tuberose or azucena.

***Scadoxus multiflorus*** (Martyn) Raf., xxx; --Geerinck, Fl. Males. ser. 1, 11 (1993) 373.  
*Haemanthus multiflorus* Martyn, xxx; --Steiner, Philipp. Orn. Pl. (1960) 137;  
Native of tropical Africa.

***Zephyranthes atamasco*** (Baker) Backer, xxx; --Steiner, Philipp. Orn. Pl. (1960) 138; --Geerinck, Fl. Males. ser. 1, 11 (1993) 373.  
Native of N America.

***Zephyranthes carinata*** Herbert, xxx; --Steiner, Philipp. Orn. Pl. (1960) 138; --Geerinck, Fl. Males. ser. 1, 11 (1993) 373.  
Native of S America.

***Zephyranthes rosea*** (Sprengel) Lindley, Bot. Reg. 10 (1824) t. 821; --Merr., Fl. Manila (1912) 147; --Steiner, Philipp. Orn. Pl. (1960) 138; --Geerinck, Fl. Males. ser. 1, 11 (1993) 373.  
*Atamasco rosea* (Sprengel) Greene, Pittonia 3 (1897) 188; --Merr., EPFP 1 (1922) 210.  
Native of Cuba.  
Widely cultivated as an ornamental in and about towns, sometimes persisting from previous cultivation but hardly naturalized.