

## Family 38. LILIACEAE

### Revision:

Jessop, JP. 1979. *Liliaceae*. Flora Malesiana series 1,9: 189-235.

### 1. *Aletris* Linnaeus

***Aletris foliolosa*** Stapf, Trans. Linn. Soc. Ser. 2, 4 (1894) 240; --Jessop, Fl. Males. ser. 1, 9 (1979) 230, Fig. 18 a-d, 19.

*Liriope brachyphylla* Merr., PJS 2 c (1907) Bot. 266; EPFP 1 (1922) 206. --Type: Merrill 5710 (NY\*, US\*, iso). Mindoro: Mindoro Oriental prov., Mt Halcon, seepage slopes in open heath, altitude c. 2400m, Nov. 1906.

N Sumatra, Borneo (Sabah: Mt Kinabalu) and the Philippines.

MINDORO: Mindoro Oriental (Mt Halcon). *Liriope brachyphylla* Merr. is doubtfully reduced to this species by Jessop (1979).

***Aletris spicata*** (Thunb.) Franch., J. de Bot. 10 (1896) 199; --Merr., EPFP 1 (1922) 207; --Jessop, Fl. Males. ser. 1, 9 (1979) 232, Fig. 18e-g.

Japan, S China, Taiwan, N Philippines.

LUZON: Abra, Mountain Province, Benguet. Among grasses above (1000-) 1600-2300m, usually in pine forest, but often in open places. Fl. Jan-Dec.

### 2. *Asparagus* Linnaeus [Asparagaceae]

***Asparagus cochinchinensis*** (Lour.) Merr., PJS 15 (1919) 230; EPFP 1 (1922) 206; --Jessop, Fl. Males. ser. 1, 9 (1979) 216.

Korea, Japan, Ryukyu Isls, Taiwán, S China, Indochina, N Philippines.

LUZON: Benguet. Based on Loher 1928, probable from above 1200m.

Cultivated taxa:

*Asparagus officinalis* L.

*Asparagus plumosus* Baker

*Asparagus sprengeri* Regel

### 3. *Dianella* Lamarck [Xanthorrhoeaceae, Hemerocallidaceae]

***Dianella ensifolia*** (L.) DC, Red. Lil. 1 (1802) t. 1; --Merr., EPFP 1 (1922) 203; --Jessop, Fl. Males. ser. 1, 9 (1979) 207.

*Dianella revoluta* (*non* R Br.) Schauer; --Merr., EPFP 1 (1922) 203.

*Dianella caerulea* (*non* Sims.) Merr., PJS 2 c (1907) 266, *non* Sims. (1801); EPFP 1 (1922) 202.

*Dianella nemorosa* Lam., Encycl. 2 (1786) 276, nom. inval.; Tabl. Encycl. 2 (1792) 388, t. 250, nom. illeg; --Hatusima, Mem. Fac. Agr. Kagoshima Univ. 5 (1966) 59.

Africa, Madagascar, Himalayas, Myanmar, Thailand, Indochina, SW China (Yunnan), Hainan, Taiwán, Japan, throughout Malesia to Australia (Northern Territory; Queensland; New South Wales), Tasmania, New Zealand and many Pacific Isls.

LUZON: Ilocos Norte, Pangasinan, Mountain Province, Benguet, Nueva Vizcaya, Bataan, Bulacan, Rizal, Laguna, Quezon, Camarines, Sorsogon, POLILLO, CATANDUANES, MINDORO, PALAWAN, PANAY, NEGROS, LEYTE, JOLO,

MINDANAO, BUCAS GRANDE. Open grasslands to forests, from the lowlands c. 2200m. Fl. Jan-Dec.

**Dianella javanica** (Blume) Kunth, Enum. 5 (1850) 52; --Merr., EPFP 1 (1922) 203; --Jessop, Fl. Males. ser. 1, 9 (1979) 209, Fig. 9.

Throughout Malesia, also in New Caledonia and Ile de Pins, and Fiji Isls (Viti Levu). BATANES, LUZON: Ifugao, Mountain Province, Benguet, Zambales, Quezon, Camarines, Albay, MINDORO, MINDANAO: Davao. Open slopes, thickets, ravines, forest edges, exposed narrow ridge crests, edges of fumaroles and volcanic craters, streambanks, etc, locally common, altitude c. 1000-2400m. Fl. Jan-Dec.

#### 4. **Disporopsis** Hance

**Disporopsis fusco-picta** Hance, J. Bot. 21 (1883) 278; --Jessop, Fl. Males. ser. 1, 9 (1979) 219, Fig. 13.

*Disporum luzoniense* Merr., PJS 5 c (1910) Bot. 338; EPFP 1 (1922) 206.

S China, Taiwan, N Philippines.

LUZON: Mountain Province, Benguet. Mossy forest, altitude 1700-2500m. Also in secondary pyrogenous pine savanna.

*Disporum* Salisbury: no true representatives in the Philippines; =*Disporopsis*

#### 5. **Iphigenia** Kunth

**Iphigenia indica** (L.) A Kunth, Enum. 4 (1843) 213; --Merr., EPFP 1 (1922) 202; --Jessop, Fl. Males. ser. 1, 9 (1979) 198, Fig. 4.

Sri Lanka, India to Thailand, S China, N Sumatra (Lake Toba), Java, Madura Is, Lesser Sunda Isls (Timor; Wetar), Philippines, New Guinea, Australia (Northern Territory; Queensland; West Australia).

LUZON: Rizal, Cavite, Laguna, MINDANAO: Bukidnon, Davao. Low and medium altitude grasslands. Rare or local.

#### 6. **Lilium** Linnaeus

**Lilium longiflorum** Thunb., Trans. Linn. Soc. 2 (1794) 333; --Merr., EPFP 1 (1922) 204.

China, Japan, Taiwan, N Philippines.

BATANES ISLAND GRP: Y'AMI and BATAN. Low altitudes, open grassy slopes.

**Lilium philippinense** Baker, Gard. Chron. (1873) 1141, Fig. 243; --Merr., EPFP 1 (1922) 204.

Taiwan, N Philippines. LUZON: Mountain Province, Benguet, Pangasinan. On steep grassy slopes in the pine region, altitude 1100-2300m. Fl. May; fr. Oct.

#### 7. **Liriope** Loureiro [Asparagaceae or Ruscaceae]

**Liriope graminifolia** (L.) Baker, J. Soc. Bot. 17 (1879) 499; --Merr., EPFP 1 (1923) 207; --Jessop, Fl. Males. ser. 1, 9 (1979) 225.

*Liriope muscari* Hatusima, Mem. Fac. Agr. Kagoshima Univ. 5 (1966) 62, non (Decne.) LH Bailey (1929).

Japan to S China (including Hongkong), Taiwan and the Philippines.  
BATAN, LUZON: Ilocos Norte, Benguet, MINDORO. Low altitude (in Batan) to c. 1400m in open slopes (in N Luzon).

### 9. *Ophiopogon* Ker [Asparagaceae or Ruscaceae]

***Ophiopogon caulescens*** (Blume) Backer, Handb. Fl. Java 3 (1924) 74; --Jessop, Fl. Males. ser. 1, 9 (1979) 226, Fig. 15, 16b.

*Ophiopogon malayanus* Ridley, J. Strait Branch Roy. As. Soc. 41 (1904) 34; EPFP 1 (1922) 207.

Continental SE Asia and W Malesia: Sumatra, Peninsular Malaysia, Langkawi, Java, Borneo (Sabah: Mt Kinabalu area), SW Philippines.

JOLO, based on Clemens 9374. Forested slopes, altitude c. 700m.

***Ophiopogon japonicus*** (L.f.) Ker in Curtis' Bot. Mag. (1807) t. 1063; --Merr., EPFP 1 (1922) 207; --Jessop, Fl. Males. ser. 1, 9 (1979) 227, Fig. 16a.

Japan, S China, Taiwan, Philippines.

LUZON: Mountain Province, Benguet, Nueva Ecija, Zambales, Pampanga, Laguna, Quezon, MINDANAO: Bukidnon, Davao (Mt Apo). Chiefly in the mossy forest, rather common in the Mountain Province, altitude 850-2400 (-2900) m. Fl. May-Jul; fr. Dec-Jan. Also a commonly cultivated garden plant in Malesia, especially for lining borders, but never flowering in the lowlands.

### 10. *Thysanotus* R Brown [Asparagaceae or Laxmanniaceae]

***Thysanotus chinensis*** Benth., Fl. Hongk. (1861) 372; --Merr., EPFP 1 (1922) 202; --Jessop, Fl. Males. ser. 1, 9 (1979) 211, Fig. 10 c.

S China (including Hongkong), N Vietnam, S Peninsular Thailand, Lesser Sunda Isls (Flores), Philippines, Sulawesi (Masamba), Moluccas (Aru Isls), New Guinea, Australia (Western Australia; Northern Territory).

LUZON: Ilocos Norte, Ilocos Sur, Pangasinan, Mountain Province, Benguet. Open grasslands at medium altitudes, grassy pine forest, ascending to 1600m, in the more seasonal parts of the archipelago.

### 11. *Tricyrtis* Wallich

***Tricyrtis imeldae*** Gutierrez, PJS 103 (1974 publ. 1975) 171, Fig. 1; --Jessop, Fl. Males. ser. 1, 9 (1979) 197, Fig. 3. --Type: PNH 108823 xxxxxxxx (PNH, holo). Mindanao: South Cotabato prov., MINDANAO: South Cotabato. Primary forest, along stream at c. 1300m. Fl. Aug.

#### **Cultivated:**

***Chlorophytum elatum*** [Asparagaceae or Agavaceae]

***Gloriosa superba*** L., Sp. Pl. (1753) 305; --Jessop, Fl. Males. ser. 1, 9 (1979) 193, Fig. 1, 2.

Tropical and S Africa, Madagascar, India to Indochina, Java (also Madura and Kangean Isls), Lesser Sunda Isls, S Sulawesi. In the Philippines in cultivation only as an ornamental plant.