

Family 77. POLYGONACEAE

Revisions:

Danser, BH. 1927. *Die Polygonaceen Niederländisch-Ostindiens*. Bulletin du Jardin Botanique du Buitenzorg ser. 3, 8: 117-261.

Steward, AN. 1930. *The Polygonaceae of eastern Asia*. Contributions from the Gray Herbarium 5: 1-129.

Backer, CA & RC Bakhuizen van den Brink. 1963. *Polygonaceae*. Flora of Java 1: 219-226.

Liu, HY. 1996. *Polygonaceae*. in Huang, TC (ed.) Flora of Taiwan 2nd ed., 2 (1996) 294-315. (Genus Polygonum by CF Kuo, HY Liu and YP Yang).

1. Antigonon Endlicher

1. Antigonon leptopus Hook. & Arn., Bot. Beechy's Voy. (1841) 308; --Merr., Fl. Manila (1912) 188; --Liu, Fl. Taiwan 2nd ed., 2 (1996) 294.

Corculum leptopus (Hook. & Arn.) Stuntz, US Dept. Agr. Bur. Pl. Ind. Bull. 282 (1913) 86; --Merr., EPFP 2 (1923) 125.

Native to Mexico.

Corculum =Antigonon

Homalocladium (F Mueller) LH Bailey =*Muehlenbeckia*

2. Muehlenbeckia Meissner

1. Muehlenbeckia platyclada Meissn., Bot. Zeit. 22 (1865) 313; --Merr., Fl. Manila (1912) 188; EPFP 2 (1923) 125.

Homalocladium platycladum (F Muell.) LH Bailey, Gentes Herb. 2 (1929) 58.

3. Polygonum Linnaeus

1. Polygonum barbatum L., Sp. Pl. (1753) 362; --Merr., EPFP 2 (1923) 122; --RJ Johns, Fl. Pl. Papuaia 3 (1989) 51, 52, unnumbered Fig.; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 298.

Africa, Afghanistan, India, Himalayas, China, S Japan, Taiwan, throughout Malesia to New Guinea. N LUZON to MINDANAO. Open, inundated sites from sea-level to 1400m.

2. Polygonum caespitosum Blume, Bijdr. (1825) 532.

var. mearnsii (Elmer) AN Steward, Contrib. Gray Herb. 5 (1930) xxx; --*Polygonum mearnsii* Elmer, LPB 1 (1908) 289; --Merr., EPFP 2 (1923) 123.

LUZON: Benguet. Thickets, damp forests, alt. c. 2200m.

3. Polygonum chinense L., Sp. Pl. (1753) 363; --Merr., EPFP 2 (1923) 122; --RJ Johns, Fl. Pl.

Papuaia 3 (1989) 51, 52; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 298.

India, China, Japan, Taiwan, across Malesia to New Guinea and Bougainville. BATAN to MINDANAO. In thickets and forest margins, alt. 300-2400m.

4. Polygonum convolvulus L., Sp. Pl. (1753) 364; --Merr., EPFP 2 (1923) 122.

Widespread weed in temperate countries, introduced to the Philippines. LUZON: Benguet, altitude 1400m.

5. *Polygonum glabrum* Willd., Sp. Pl. 2 (1799) 447; --Merr., EPFP 2 (1923) 122; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 301.

Tropical and subtropical parts of Asia, Africa and the Americas. LUZON (Benguet). Near rice paddies and other open inundated sites, 1200-1800m.

6. *Polygonum hydropiper* L., Sp. Pl. (1753) 361; --Merr., EPFP 2 (1923) 122; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 302, pl. 146.

Temperate and subtropical regions of the N hemisphere, Australia. LUZON (Ifugao, Benguet). Open inundated sites such as old rice paddies, along streams, etc. 1200-2000m.

7. *Polygonum lanigerum* R Br., Prodr. (1810) 419; --Merr., EPFP 2 (1923) 123.

Africa to India, China, Taiwan, southwards to Australia. LUZON: Ilocos Norte, Ifugao, Cagayan. Open wet sites, near streams, etc. at low to medium altitudes.

8. *Polygonum lapathifolium* L., Sp. Pl. (1753) 360; --RJ Johns, Fl. Pl. Papuasias 3 (1989) 51, 52. --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 304.

Temperate N hemisphere.

Russia, Mongolia, China, Korea, Japan, India, Philippines, Java, New Guinea.

9. *Polygonum decipiens* R Br., Prodr. (1810) 420; --RJ Johns, Fl. Pl. Papuasias 3 (1989) 51, 52; --
Polygonum minus Huds., Fl. Angl. (1762) 148; --Merr., EPFP 2 (1923) 123.

Polygonum minus Huds. ssp. *decipiens* (R Br.) Danser, Bull. Jard. Bot. Buitenz. 3, 8 (1927) xxx
Polygonum minus Benth., xxxxxx (1870) xxx, non Huds.

Europe, temperate and tropical Asia southward to Australia; introduced in N America. LUZON: Mountain Province, Benguet. In open wet sites, 1200-1500m.

10. *Polygonum nepalense* Meissn., Monog. (1826) 84; Wall., Cat. No. 1701; --RJ Johns, Fl. Pl. Papuasias 3 (1989) 51, 52; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 306.

Africa, C Asia, China, Korea, Japan, India, Nepal, Philippines, New Guinea.

11. *Polygonum orientale* L., Sp. Pl. (1753) 343; --Merr., EPFP 2 (1923) 123; --RJ Johns, Fl. Pl. Papuasias 3 (1989) 51, 52; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 306.

Europe, India, China, Japan, Taiwan, Malaysia, Java, the Philippines and Australia.

LUZON (Pampanga, Rizal), MINDANAO (Lanao, Bukidnon). Open wet sites at low and medium altitudes.

12. *Polygonum pedunculare* Wall., Cat. (1829) No. 1718, *nom. nud.*; --Meisn. in DC, Prodr. 14 (1857) 133; --Merr., EPFP 2 (1923) 123.

India to China, southward to Australia. LUZON (Benguet, Laguna), MINDORO, MINDANAO. Open wet lands, swamps, etc. at low and medium altitudes. In Benguet ascending to 1400m.

13. *Polygonum perfoliatum* L., Syst. ed. 10 (1759) 1005; --Merr., EPFP 2 (1923) 123; --RJ Johns, Fl. Pl. Papuasias 3 (1989) 51, 52; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 307.

India, China, Japan, Taiwan, Peninsular Malaysia, Java, Philippines, New Guinea.

LUZON (Cordillera Highlands), MINDANAO (Bukidnon). Sprawling over thickets in ravines, 1300-1600m.

14. *Polygonum plebeium* R Br., Prodr. (1810) 420; --Merr., EPFP 2 (1923) 124; --Kuo et al. in Liu,

- Fl. Taiwan 2nd ed., 2 (1996) 308.
Tropical and subtropical parts of Asia, Africa and Australia.
LUZON: Benguet, Cagayan, Isabela. Open sites along streams at low altitudes, ascending to 1400m in Benguet.
- 15. *Polygonum posumbu*** Buch.-Ham. in D Don, Prodr. Fl. Nepal. (1823) 71; --Merr., EPFP 2 (1923) 124; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 308.
India to Japan, southward to Java. LUZON (Mountain Province, Benguet), MINDANAO (Davao). Open wet sites, along trails, etc. 1400-1800m.
- 16. *Polygonum praetermissum*** JD Hook., Fl. Brit. Ind. 5 (1886) 47; --Merr., EPFP 2 (1923) 124; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 309.
N India, China, Korea, Japan, Ryukyus, Taiwan, the Philippines, Australia, Tasmania. LUZON (Benguet). Open swamps, along small streams, et., 1400-2000m.
- 17. *Polygonum pulchrum*** Blume, Bijdr. 11 (1826) 530; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 309. *Polygonum tomentosum* Willd., Sp. Pl. 2 (1799) 447, *non* Schrank, 1789; --Merr., Fl. Manila (1912) 187; EPFP 2 (1923) 124; --Pancho, Kalikasan 1 (1972) 104.
Persicaria pulchra (Blume) Soják, Preslia 46 (1974) 154.
Persicaria attenuata (R. Br.) Soják ssp. *pulchra* (Blume) KL Wilson, Kew Bull. 45 (1991) 629.
Africa to S China, throughout SE Asia.
Throughout the Philippines. In wet inundated sites such as ponds, irrigation ditches, shallow water swamps, lake margins, etc. at low altitudes. Sometimes gregarious.
- 18. *Polygonum punctatum*** Buch.-Ham. in D Don, Prodr. Fl. Nepal. (1823) 72; --Merr., EPFP 2 (1923) 124.
S Asia to Japan, southward to Java and New Guinea.
LUZON: Mountain Province, Benguet. Damp places, on hills, etc., altitude 1300-1800m.
Is this =*P. nepalense* Meissn.?
- 19. *Polygonum roettleri*** Roth, Nov. Sp. Pl. (1821) 205; --Merr., EPFP 2 (1923) 124.
India to China, Taiwan, and Malaya.
LUZON: Cagayan. Swampy sites at low altitude.
- 20. *Polygonum runcinatum*** Buch.-Ham. ex D Don, Prodr. Fl. Nepal. (1825) 73; --RJ Johns, Fl. Pl. Papuaia 3 (1989) 51, 52; --Kuo et al. in Liu, Fl. Taiwan 2nd ed., 2 (1996) 310.
India, S China, Taiwan, southwards to the Philippines, Indonesia to New Guinea.
- 21. *Polygonum strigosum*** R Br., Prodr. (1810) 420.
var. *benguetense* (Merr.) AN Steward, Contrib. Gray Herb. 5 (1930) xxx; --*Polygonum benguetense* Merr., PJS 10 c (1915) Bot. 301; EPFP 2 (1923) 122; --RJ Johns, Fl. Pl. Papuaia 3 (1989) 51, 52.
N Philippines, New Guinea.
LUZON: Benguet. Open wet sites, 1200-1500m.
- 22. *Polygonum virginiana*** L., Sp. Pl. (1753)
var. *apoense* (Elmer) xxxx; --*Tovara virginiana* (L.) Raf. var. *apoensis* (Elmer) AN Steward, Contrib. Gray Herb. 5 (1930) xxx; --*Sunania filiformis* (L.) Raf. var. *apoensis* (Elmer) Hara, xxxx; --*Polygonum apoense* Elmer, LPB 8 (1915) 2796; --Merr., EPFP 2 (1923) 121. --Type:
MINDANAO: Lanao, Davao (Mt Apo). Open glens in dense forests, 1000-2000m.

4. *Triplaris* Loefling ex Linnaeus

1. *Triplaris cumingiana* Fisch. & Mey. ex CA Mey., Mem. Acad. Petersb. ser. 6, Sc. Nat. 4 (1845) 148.

5. *Rumex* Linnaeus

1. *Rumex acetosella* L., Sp. Pl. (1753) 538; --Merr., EPFP 2 (1923) 121; --Liu, Fl. Taiwan 2nd ed., 2 (1996) 314.

Native of Eurasia, now widely distributed in the temperate parts of the N hemisphere.
LUZON: Mountain Province, Benguet. Common weed in temperate vegetable farms, altitude 1600-2400m.

2. *Rumex crispus* L., Sp. Pl. (1753) 335-Merr., EPFP 2 (1923) 121; --Liu, Fl. Taiwan 2nd ed., 2 (1996) 314.

Native of Eurasia, now widely distributed in the temperate parts of the N hemisphere.
LUZON: Mountain Province, Benguet. Common weed in temperate vegetable farms, altitude 1400-2400m.

Non-naturalized cultivated plants:

Coccoloba uvifera (L.) L., Syst. ed. K. 1007