

# CONTRIBUTIONS TO THE DICOTYLEDONOUS PLANTS OF TAIWAN (2)

FU-YUAN LU\*

**[Abstract]**: Described as new taxa to Taiwan are 6 new species, 3 new varieties, 2 genera and 3 species of new record. Besides, the existence of two noteworthy species of *Jasminum*, which were formerly treated as uncertained ones, has also been confirmed here.

## 臺灣雙子葉植物新見(二)

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本文中記述台灣雙子葉植物之新分類群計有：六新種，三新變種，二新記錄屬及三新記錄種。此外，對山秀英屬中之二未定種亦予以確認。彼等之學名及新擬之中名如次

⊃新種及新變種：

- 1 灰葉懸鈎子, *Rubus arachnoideus* Y. C. Liu et F. Y. Lu (薔薇科)
- 2 和平懸鈎子; *Rubus hopingensis* Y. C. Liu et F. Y. Lu (薔薇科)
- 3 宜蘭懸鈎子, *Rubus ilanensis* Y. C. Liu et F. Y. Lu (薔薇科)
- 4 小檉葉懸鈎子, *Rubus parvialariiifolius* Hay. var. *laxiflorus* Y. C. Liu et F. Y. Lu (薔薇科)
- 5 清水懸鈎子, *Rubus pseudoacer* Makino var. *flexuosus* Y. C. Liu et F. Y. Lu (薔薇科)
- 6 尾葉懸鈎子, *Rubus urophyllus* Y. C. Liu et F. Y. Lu (薔薇科)
- 7 玉里懸鈎子, *Rubus yuliensis* Y. C. Liu et F. Y. Lu (薔薇科)
- 8 台灣土當歸, *Aralia taiwaniana* Y. C. Liu et F. Y. Lu (五加科)
- 9 瑞里繁縷, *Stellaria monosperma* D. Don var. *taiwaniana* Y. C. Liu et F. Y. Lu (石竹科)

⊃新記錄屬：

- 1 六翅木屬, *Berrya* Roxb. (田麻科)
- 2 鱗蕊藤屬, *Lepistemon* Bl. (旋花科)

⊃新記錄種：

- 1 六翅木, *Berrya ammonilla* Roxb. (田麻科)
- 2 小地耳草, *Hypericum laxum* Koidz. (金絲桃科)

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**Rubus yuliensis** Y.C. Liu et F.Y. Lu, *sp. nov.*

Suffrutex. Ramuli pilosi aculeate, aculeis gracilibus, recurvis, 4mm. longis. Folia chartacea, late cordato-orbicularia, 5-8cm. longa, 4.5-9cm. lata, leviter 5-loba, apice acuta vel obtuse, basi cordata, margine serrulata; lobo terminali 1.7-3.5cm. longo, 1.5-3.5cm. lato, basi 5 nervia, costis venis et venulis subtus prominente reticulate elevatis, supra glabra vel ad nervos sparse hirsuta, subtus dense albo tomentosa et hirsuta; petiolis 5-8cm. longis dense hirsutis aculeatisque; stipulis ca. 1.2cm. longis, valde laciniatis, laciniis linearibus 8mm. longis, extus glabris intus hirsutis. Racemi axillares, 3-5-flori; pedunculis ultimis 4cm. longis, pedicelis ca. 5mm. longis, pedunculis pedicelisque dense hirsutis, aculeatis, bracteis late ovatis, laciniatis, extus puberululis intus glabris. Calyces cupulati, extus tomentosi hirsutisque, intus tomentosi, lobis ovato-oblongis, margine integeris, apice 1-3-aristatis. Petala orbicularia, utrinque glabra 5mm. longa. Receptaculus dense pilosus, carpellis glabris, stylis ca. 7mm. longis.

Hab.: Chin-sue Farm, Yuli, Hwaiien Hsien. Leg.: F.Y. Lu et C.H. Ou 1260 (NCUF, Aug. 6, 1972).

A shrub, stems pilose and densely prickly, the prickles slender and somewhat recurved, about 4mm. long. Leaves chartaceous, broadly cordate-orbicular, 5-8cm. long, 4.5-9cm. wide, shallowly 5-lobed, obtuse or shortly acute at the apex, broadly cordate and 5-nerved at the base, serrulate, the terminal lobes 1.7-3.5cm. long, 1.5-3.5cm. wide, the midrib and veins raised and distinct beneath, petioles 5-8cm. long, densely hirsute and prickly; stipules about 1.2cm. long, deeply lacinate, the lace about 8mm. long, linear, glabrous without and hirsute within. Flowers 3-6 in axillary racemes, peduncles up to 4cm. long, pedicels about 5mm. long, densely hirsute and prickly, the bracts orbicular-ovate, lacinate, glabrous within and puberulent without. Calyx cupular, densely tomentose and hirsute without, tomentose within, the lobes oblong-ovate, entire, apex 1-3-bristled. Petals orbicular, 5mm. long, glabrous on both surfaces. Stamens numerous, filaments glabrous. Receptacles densely pilose, carpels glabrous, styles about 7mm. long.

Endemic, known only from the type collection.



Fig. 7 *Rubus yuliensis* Liu et Lu

Specimens examined:

Hwaiien Hsien: F.Y. Lu et C.H. Ou 1260 (Holotype in NCUF).

### *Aralia* Linn.

*Aralia taiwaniana* Y.C. Liu et F.Y. Lu, *sp. nov.*

*Aralia cordata sensu auct.* Taiwan, *non* Thunb.

Suffrutex perennis, erectus vel inclinatus. Ramuli fulvo-villosi demum glabri, haud aculeati. Folia alterna, pinnata vel bipinnata, 20–35cm. longa, pinnae 1–5, 3–5-foliolatis, foliolis petiolulatis, ovato-ellipticis, 5–12cm. longis, 3–6cm. latis, chartaceis, utrinque hispidis, duplicato-serrulatis, apice acutis, vel obtusis et cuspidatis, base oblique cordatis; petiolulis terminalibus 2–8cm. longis, lateralibus 0.3–4cm. longis. Umbellae ad apicem ramulorum, paniculatae, dense villosae, rachis ca. 10cm. longis, pedunculis 1.5–4.5cm. longis, pedicellatae, pedicellis 1–1.4cm. longis. Tubi calycium glabri, lobi calycium 5, trianguli, ca. 5mm. longi. Petala 5, alba. Baccae globosae, 3–3.5mm. in diametro, nigrae.

Hab.: Tsue-fong, Nantou Hsien. Leg.: F.Y. Lu et C.H. Ou 1507 (NCUF, Oct. 22, 1972).

A large perennial herb, stems unarmed, branchlets villose with brownish short hairs and becoming glabrate later. Leaves alternate, bipinnately to pinnately compound, 20–35cm. long, pinnae 1–5, each with 3–5 leaflets; leaflets petiolulate, ovate to elliptic, 5–12cm. long, 3–6cm. wide, chartaceous, hispid on both surfaces, duplicate-serrulate at the margin, the apex acute to obtuse and cuspidate, the base obtuse to oblique-cordate, terminal petiolules 2–8cm. long, lateral ones 0.3–4cm. long. Umbels many in a densely villose panicles, rachis about 10cm. long, peduncles 1.5–4.5cm. long, pedicels 1.0–1.4cm. long. Calyx-tubes glabrous, lobes 5, triangular, about 0.5mm. long, petals 5, whitish. Styles 5, 1.0–1.5mm. long, reflexed. Berrys globose, purplish black, 3–3.5mm. across.

Endemic, at medium to high altitudes in the central range of Taiwan.

Specimens examined:

Nantou Hsien: F.Y. Lu et C.H. Ou 1507 (Holotype in NCUF), 2909 (NCUF & TPCA)



Fig. 8 *Aralia taiwaniana* Liu et Lu

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