

### 17. Validation of *Youngia sericea* C. Shih (Asteraceae)

*Youngia sericea* C. Shih, **sp. nova.** — [*Youngia sericea* C. Shih, Acta Phytotax. Sin. 33(2): 185. 1995, nom. inval. (Art. 37.1).]

Validating description: under *Youngia sericea* C. Shih, Acta Phytotax. Sin. 33(2): 185. 1995.

Type: China. Xizang: Zayü, Mt. Karwar-kar-boo, Tsa-wa-rung, 3400 m, 09.1935 C.-W. Wang 66254 (P, holotype, isotype A).

Paratype: China. Xizang: Zayü, in declivitate glareosa, alt. 3300 m, 21.06.1973 Qinghai-Xizang Expedition 73-273 (PE).

This species name was first published with two types simultaneously designated. Here the name is ascribed and should be therefore attributed to Chu Shi who coined the epithet, wrote the Latin description and definitely accepted this name in his publications (Shi 1995, 1997).

### 18. Validation of *Epipactis atromarginata* Seidenf. (Orchidaceae)

*Epipactis atromarginata* Seidenf., **sp. nova.** — [*Epipactis atromarginata* Seidenf., Opera Bot. 114: 22. 1992, nom. inval. (Art. 37.6).] — [*Arthrochilium atromarginatum* Seidenf. in Szlach., Orchidee (Hamburg) 54(5): 588. 2003, nom. inval. (Art. 37.6).]

Validating description: under *Epipactis atromarginata* Seidenf., Opera Bot. 114: 22. 1992.

Type: Vietnam, prov. Gialai Kontum, Kon Ha Nung, 15.05.1985 L. V. Averyanov LX-VN 1975 (124) (LE!, holotype; isotype HN?).

The name *Epipactis atromarginata* Seidenf. was invalidly published with two housing institutions for the type collection that is precluded by Art. 37.6 (Seidenfaden 1992). This name validated here is to be attributed to the late Dr. Gunnar Seidenfaden (Art. 46.2).

### References

- Kirpicznikov, M. E. 1964: *Cephalorrhynchus* Boiss. — In: Bobrov, E. G. & Tzvelev, N. N. (eds), *Flora of the USSR* 29: 338–351. Academy of Sciences of the USSR Publishing House, Moscow & Leningrad. (in Russian)
- McNeill, J., Barrie, F. R., Burdet, H. M., Demoulin, V., Hawksworth, D. L., Marhold, K., Nicolson, D. H., Prado, J., Silva, P. C., Skog, J. E., Wiersema, J. H. & Turland, N. J. (eds.) 2006: International Code of Botanical Nomenclature (Vienna Code) adopted by the Seventeenth International Botanical Congress Vienna, Austria, July 2005. — *Regnum Vegetabile* 146: I–XVIII + 1–568.
- Seidenfaden, G. 1992: The Orchids of Indochina. — *Opera Bot.* 114: 1–502.
- Shih, C. 1995: New species of the Chinese *Compositae*. — *Acta Phytotaxon. Sin.* 33(2): 181–197. (in Chinese)
- Shih, C. 1997: *Compositae (Cichorioideae)* Kitam.). — In: Ling, Y. & Shih, C. (eds.), *Flora Reipublicae Popularis Sinicae* 80(1): 1–342. Science Press, Beijing. (in Chinese)

simis, lanceolatis, 7—8 mm longis, 1 mm latis, apice acutis vel obtusis, dorso glabris, juxta apicem corniculatis, intus hirtellis. Achaenia immatura. Pappus albus 5 mm longus.

**Sichuan** (四川): Kangding (康定), in valle, alt. 3200 m, 1982-07-30, K. Y. Lang (郎楷永) 754; *ibid.*, in valle, alt. 3600 m, 1963-07-20. K. J. Kuan et W. T. Wang (关克俭与王文采) 788 (Typus, PE); *ibid.* 1934-07-11, Z. S. Liou (刘振书) 684; *ibid.* alt. 3300 m, inter frutices, K. Y. Lang (郎楷永) 650.

#### 4 娟毛黄鹤菜 新种

**Youngia sericea** Shih, sp. nov. — *Youngia gracilipes* auct. non (Hook. f.) Babcock. et Stebbins: Y. C. Tang in C. Y. Wu, Fl. Xizangica 4:965. 1985, p. p.

Herba rosularia perennis, 3—6 cm alta, radice verticali. Caulis principalis inconspicuus, e basi breviter et graciliter ramosus, omnino, vel sub calathidia densius sericeus. Folia basalia, vel subbasalia, ambitu oblanceolata vel longe elliptica, 1—3.5 cm longa, 0.4—1.5 cm lata, utrinque crispato-pubescentia, pinnatipartita, lobis lateralibus 4—5-jugis, oppositis vel obliquis, anguste triangularibus, late falcatis, apice acuminatis, margine fere integris vel latere 1-dentatis, lobis terminalibus longe ellipticis, longe triangularibus vel orbicularibus, apice acutis, rotundatis obtusisve. Calathidia 5—9 in numero, in rosula foliorum inconspicue corymboso-disposita. Flosculi 9 in numero, ligulati flavi, tubis glabris. Involucrum campanulatum, 1 cm longum, cujus phylla 4-seriata, extrema externaque longe ovata usque ad lanceolata, 2—3 mm longa, circiter 1 mm lata, apice obtusa vel acuta, intima internaque lanceolata, 1 cm longa, 1.4 mm lata, apice acuta vel obtusa, margine albo-membranacea, intus glabra, omnia sub fructu nigro-viridia, extus adpresso-crispato-albo-sericea. Achaenia nigra, costis 14, inaequalibus, spinulosis, apice truncata, erostrata. Pappus albus, 6 mm longus.

Ex affinitate *Y. gracilipidi* (Hook. f.) Babcock. et Stebbins., a qua differt involucri phyllis extus sparse albo-sericeis.

**Xizang** (西藏): Zayü (察隅), in declivitate petrosa, alt. 3400 m, 1935-09, C. W. Wang (王启无) 66254 (Typus, PE); *ibid.*, in declivitate glareosa, alt. 3300 m, 1973-06-21, Qinghai-Xizang Exped. (青藏队) 73-273 (Typus, PE).

#### 5 戟裂黄鹤菜 新种 图 2:1

**Youngia hastiformis** Shih, sp. nov.

Ex affinitate *Y. wilsonii* Babcock. et Stebbins, e ea differt segmentis terminalibus foliorum hastatis.

Herba annua. Caulis erectus, 27 cm altus, superne corymboso-ramosus, omnino glaber, basi 1 mm in diametro. Folia inferiora mediaque pauca, 2—3 in numero, ambitu elliptica, 4.5 cm longa, 1.5 cm lata vel lanceolata, 5.5 cm longa, 2 cm lata, pinnatisecta vel lyrato-pinnatisecta, segmentis terminalibus triangularibus vel hastatis, segmentis lateralibus triangularibus 1—3-jugis, oppositis vel alternatis vel obliquis, omnibus apice acutis vel acuminatis, margine integris, utrinque glabris; folia superiora linearia, utroque acuminata,