

with the inner phyllaries 4–13 mm long, glabrous or glandular, sometimes conspicuously crested at the apex; the outer phyllaries glabrous, about 1/8–1/10 as long as the inner ones. Corolla ca. 5–22 mm long, with a short tube. Achenes terete, often prominently compressed, with 12–15 unequal ribs (the lateral ribs often distinctly stronger than the others). Pappus white, caducous. Chromosomes $n = 8$.

Type: *Y. lyrata* (Thunb.) Cass. (lectotype, designated here by Sennikov) = *Y. japonica* (L.) DC.

The lectotype of *Youngia* is formally designated here, because the earlier designation, *Y. japonica* (Babcock & Stebbins 1937), is not an original element.

No recent revision is available, and the treatment here follows Babcock & Stebbins (1937) with additions and corrections from the later literature (Babcock 1939; Babcock & Stebbins 1943; Hu 1969; Lauener 1976; Shih 1997).

***Youngia* sect. 1. *Cineripappae* Sennikov, sect. nova.**

Plantae perennes rhizomate crasso horizontali. Folia radicalia oblanceolata, margine sinuata, pilosa. Achenes 3–4 mm lg., costis lateralibus duabus plus minusve latis, ventralibus in numero ad 5. Pappus coloratus.

Perennials with a developed rhizome. Caudical leaves oblanceolate with sinuate margins, pilose. Fruits 3–4 mm long, with two broad lateral and up to five ventral ribs. Pappus coloured.

Type: *Y. fuscipappa* Thwaites.

Species: *Y. cineripappa* (Babc.) Babc. et Stebb., *Y. fuscipappa* Thwaites, *Y. stebbinsiana* S.-Y.Hu (syn. *Y. gracilis* (Hook. f. et Thoms. ex Clarke) Babc. et Stebb., non Miq. 1861), *Y. nilgiriensis* Babc.

***Youngia* sect. 2. *Paleaceae* Sennikov, sect. nova. — [*Y. sect. Mesomeris* Babc. et Stebb., Carnegie Inst. Washington Publ. 484: 26. 1937, nom. inval. (Art. 36.1)].**

Plantae perennes rhizomate crasso horizontali. Folia radicalia oblanceolata, margine sinuata, pilosa. Achenes 3–4 mm lg., costis lateralibus duabus plus minusve latis, ventralibus in numero ad 5. Pappus albus.

Perennials with a developed rhizome. Caudical leaves oblanceolate, dentate to runcinate-pinnatifid, pilose. Fruits 3–4 mm long, with two broad lateral and up to five ventral ribs. Pappus white.

Type: *Y. paleacea* (Diels) Babc. et Stebb.

Species: *Y. paleacea* (Diels) Babc. et Stebb., *Y. pilifera* C.Shih, *Y. kangdingensis* C.Shih, *Y. yilingii* C.Shih, *Y. nujiangensis* C.Shih, *Y. hastiformis* C.Shih, *Y. lanata* Babc. et Stebb., *Y. fusca* (Babc.) Babc. et Stebb., *Y. mairei* (Lévl.) Babc. et Stebb.

***Youngia* sect. 3. *Pinnatifidae* Sennikov, sect. nova.**

Plantae perennes rhizomate crasso horizontali. Folia radicalia oblanceolata, runcinato-pinnata vel pinnatifida, glabra. Achenes 3–4 mm lg., costis lateralibus duabus plus minusve latis, ventralibus in numero ad 5. Pappus albus.

Perennials with a developed rhizome. Caudical leaves oblanceolate, runcinate-pinnatifid or pinnately parted, glabrous. Fruits 3–4 mm long, with two broad lateral and up to five ventral ribs. Pappus white.

Type: *Y. henryi* (Diels) Babc. et Stebb.

Species: *Y. wilsonii* (Babc.) Babc. et Stebb., *Y. prattii* (Babc.) Babc. et Stebb., *Y. henryi* (Diels) Babc. et Stebb., *Y. terminalis* Babc. et Stebb., *Y. blinii* (Lévl.) Lauener (syn. *Y. setigera* (Scott) Babc. et Stebb., nom. illeg. superfl.).

***Youngia* sect. 4. *Youngia*.**

— *Youngia* sect. *Hieraciella* Babc. et Stebb., Carnegie Inst. Washington Publ. 484: 25. 1937, nom. inval. (Art. 36.1).

Annuals or biennials, or short-lived perennials with a poorly developed caudex. Caudical leaves oblanceolate, lyrate-pinnatifid, pilose. Fruits 2–3 mm long, with two narrow lateral and three ventral ribs.

Species: *Y. heterophylla* (Hemsl.) Babc. et Stebb., *Y. bifurcata* Babc. et Stebb., *Y. rosthornii* (Diels) Babc. et Stebb., *Y. longipes* (Hemsl.) Babc. et Stebb., *Y. szechuanica* (Söderb.) S.-Y.Hu (syn. *Y. scaposa* Chang ex Babc. et Stebb.), *Y. japonica* (L.) DC. [incl. *Y. formosana* (Hayata) Hara, *Y. lyrata* (Thunb.) Cass. (syn. *Y. pseudosenecio* (Vaniot) C.Shih), *Y. longiflora* (Babc. et Stebb.) C.Shih], *Y. rubida* Babc. et Stebb., *Y. erythrocarpa* (Vaniot) Babc. et Stebb.

Taxa newly excluded from Youngia s. l.

1. *Youngia* sect. *Cyanoglossa* S.-W.Liu et T.-N.Ho, Acta Phytotaxon. Sin. 39(6): 553. 2001.

Type: *Y. cyanea* S.-W.Liu et T.-N.Ho.

Youngia cyanea S.-W.Liu et T.-N.Ho, Acta Phytotaxon. Sin. 39(6): 554, fig. 1(4–6). 2001.

Type: China. Qinghai: Yushu, Jiangxigou, Jianga, river banks, alt. 3700 m, 22.07.1980 Z.-D. Wei 21708 (HNWP, holotype).

Distribution: China (Qinghai).

Youngia zhenduoi S.-W.Liu et T.-N.Ho, Acta Phytotaxon. Sin. 39(6): 554, fig. 1(1–3). 2001.

Type: China. Qinghai: Yushu, Jiangxigou, Xialaxiu, on moist slopes, alt. 3600 m, 09.1980 Z.-D. Wei 22222 (HNWP, holotype).

Distribution: China (Qinghai).

Two species of this small group recently described from Qinghai (Liu & Ho 2001) were attributed to the genus *Youngia* from which they decidedly differ in the colour of flowers (blue, not reddish-yellow) and the structure of achenes (with 4–6 ribs only as described in the protologue). These characters match the subtribe *Lactucinae* much better than *Crepidinae* s. l., and this section is referable to *Chaetoseris* C.Shih, a small segregate genus of *Lactuca* s. l. (N. Tzvelev, pers. comm.).

2. *Crepis racemifera* Hook. f., Fl. Brit. Ind. 3: 397. 1882. — *Hieracioides racemifera* (Hook. f.) O.Kuntze, Rev. Gen. Pl. 1: 346. 1891. — *Youngia racemifera* (Hook. f.) Babc. et Stebb., Univ. Calif. Publ. Bot. 18: 229. 1943. = *Faberia racemifera* (Hook. f.) Sennikov, **comb. nova**.

Type (Babcock & Stebbins 1943): India. Sikkim: “Luchoung (Lachung), J. D. Hooker 6 (K, holotype; isotype K).