

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.