

late. Involucral bracts 4-5-seriate, outer 2-3, foliaceous, ovate or spatulate, inner glabrous, oblong, obtuse or subacute. Hermaphrodite flowers fertile; corolla tubular, glabrous, 4-dentate; anthers 4, yellow exserted, tailed, rotundate at tips; filaments glabrous; style-arms short, hemispherical, truncate. Pistillate flowers fertile; corolla cylindrical, sparsely glandulose, 3-dentate; style-arms linear, rotundate at apex, papillose. Achenes cylindrical, ribbed, short-beaked, glabrous, slightly glandulose at apex.

Lower leaves 6.5-9 cm. long, 1.2-2.3 cm. wide; petioles 0.5-2 cm. long. Upper ones 1.7-4.5 cm. long, 0.3-0.7 cm. wide; petioles 3-4 mm. long. Heads 5-7 mm. in diam. Invol. 5 mm. long; outer bracts 3-6 mm. long. Corolla of ♂ flower 2 mm. long; filaments 0.5 mm. long, anthers 1 mm. long; corolla of ♀ 1.5 mm. long. Achenes 2.5 mm. long (beak 0.3-0.4 mm. long).

Kweichow: Lung-chai-ting, Kiensi, at side of stream, Y. Tsiang 8804 (type! in the herbarium of National Central University, Nanking), Aug. 31, 1930. "Herbaceous, 2 feet, leaf green, flowers yellow"; border of Kwangsi, Tan-ling, Tieshan, alt. 500 m., in light woods, Y. Tsiang 7006, Sept. 8, 1931. "Herb, flowers yellow".

This species is in § *Conyzoides*, characterized by tapering or rounded bases, short-petioles and narrow shapes of the leaves. Otherwise it will be *trachelifolium* Less.

Hieracium Tsiangii Chang, sp. nov.

Herba perennis ad 6.2 dm. alat, Caulis gracilis, erectus, viridis basi sæpe violaceus, glaberrimus, apice sæpissime paniculato-ramosus. Folia omnia chartacea, supra viridia, subtus purpurea, sparse puberula; basalia oblongo-vel subtriangulo-ovata, cordata, irregulariter crenata, remoti-denticulata, acuminata, subtrinervia, longo-petiolata; caulina similaria, petiolis brevioribus; suprema late lanceolata vel lanceolata, longe acuminata vel attenuata, crenato-vel simpliciter denticulata, brevipetiolata. Capitula multiflora, mediocria; pedunculis tenuibus, sæpe sparse glandulis, rarissime eglandulis, squarrosis. Involucra subcampanulata. Squamæ irregulariter imbricatæ, ciliatæ, exteriores lineari-lanceolatæ vel linearæ, obtusiusculæ. Flores ligulati, apice 5-dentati, purpurei, dentibus haud pilosis; antheræ lutæ, basi sagittatæ; styli rami filiformes, exserti.

Receptaculum planum, alveolatum. Achænia (matura non visa) columnaria, apice truncata, glabra, 10-costata. Pappus 2-3-serialis radiis simplex subfragilis luteoalbidus.

Folia basalia 8-10 cm. longa, 3.5-4.5 cm. lata; petioli 1-6.5 cm. longi. Folia caulina 9-12 cm. longa, 2.5-5 cm. lata; petioli 1-6.5 cm. longi. Capitula 2 cm. diametro. Involucrum 8 mm. longum. Ligula 1 cm. longa, 2 mm. lata; tubus 5 mm. longus. Stylus 11 mm. longus. Antheræ 5.8 mm. longæ, filamenta 2.5 mm. longa. Pappus 7 mm. longus. Achæmium 1.7 mm. longum.

Herbs perennial, up to 6.2 dm. high. Stem gracile, erect, green, usually violaceous at base, glabrous, usually paniculate-branched near the top. Leaves all chartaceous, green above, purple below, slightly puberulent; the basal leaves oblong- or subtriangular-ovate, cordate, irregularly crenate, remote-denticulate, acuminate, subtrinervious, long-petiolate; the stem ones similar, with shorter petioles; the upper broad lanceolate or lanceolate, long acuminate or attenuate, crenate or simple-denticulate, short-petiolate. Heads many-flowered, of medium size; peduncles slender, usually sparse-glandulose, rarely glandless, bracteate. Involucre subcampanulate. Bracts irregularly-imbricate, ciliate, outer linear-lanceolate or linear, obtuse. Flowers ligulate, 5-dentate at apex, purple, dents not pilose; anthers yellow, sagittate at base; style-arms filiform, exserted. Receptacle flat, alveolate. Achenes (mature not seen) columnar, truncate at apex, glabrous, 10-ribbed. Pappus 2-3-seriate, radiate, simple, subfragile, yellowish-white.

Basal leaves 8-10 cm. long, 3.5-4.5 cm. wide; petioles 1-6.5 cm. long. Stem leaves 9-12 cm. long, 2.5-5 cm. wide; petiole 1-6.5 cm. long. Heads 2 cm. in diam. Invol. 8 mm. long. Ligules 1 cm. long, 2 mm. wide; tube 5 mm. long. Style 11 mm. long. Anthers 5-8 mm. long; filaments 2.5 mm. lon. Pappus 7 mm. long. Achenes 1.7 mm. long.

Kweichow: Tze-min-an, Tuyun, 880 m., in densely shaded woods, Y. Tsiang 5667 (type! in the herbarium of National Central University, Nanking), July 7, 1930. "Herb, leaf deep green above, purple below, flowers blue".

This plant is in *Pseudostenotheca*. The heads are very similar to those of *H. holoeion* Max., from which it differs in its broad leaves. (Figure 4).

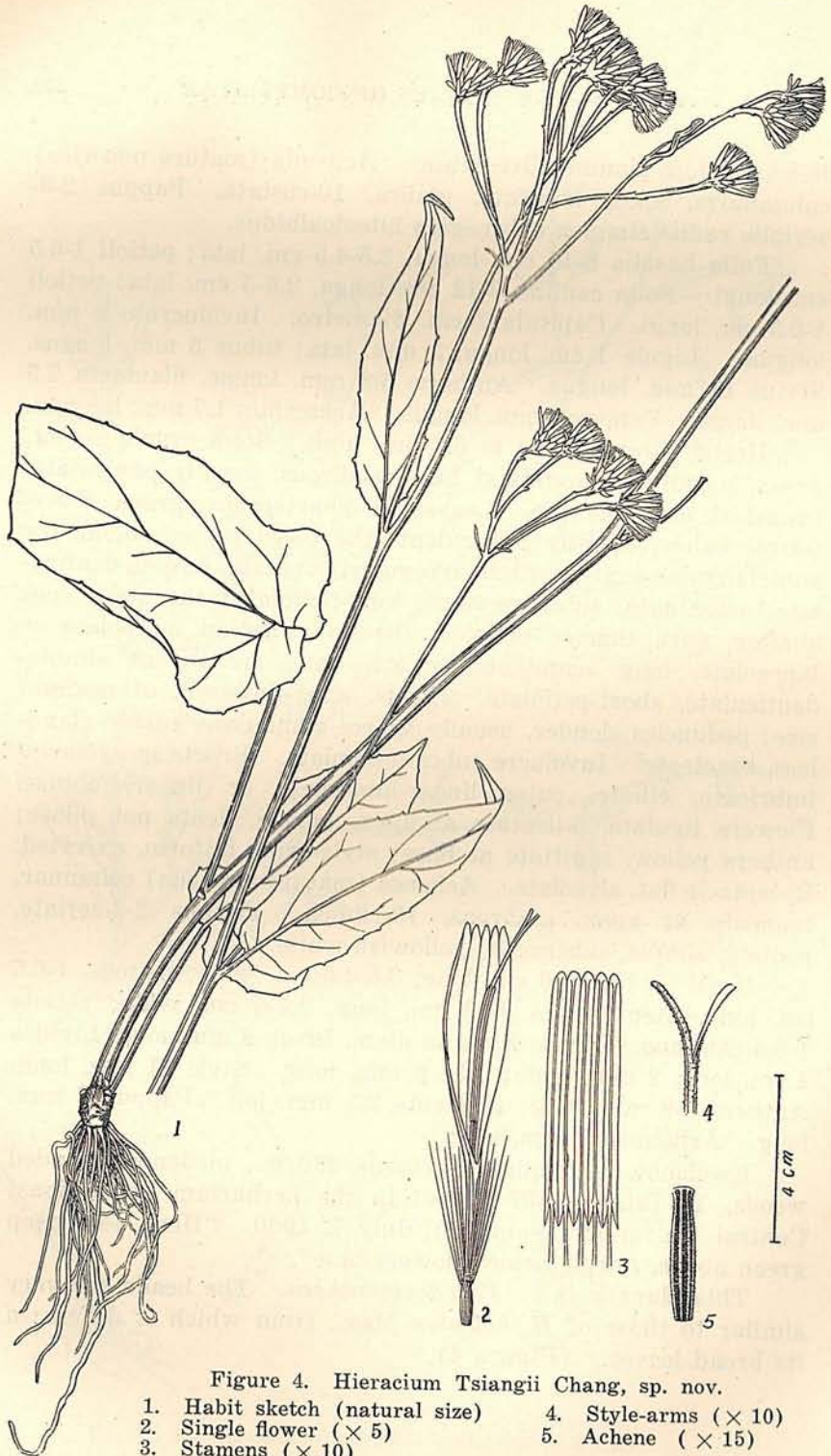


Figure 4. *Hieracium Tsiangii* Chang, sp. nov.

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| 1. Habit sketch (natural size) | 4. Style-arms ($\times 10$) |
| 2. Single flower ($\times 5$) | 5. Achene ($\times 15$) |
| 3. Stamens ($\times 10$) | |