

Zhejiang (浙江): Xuexi (雪栖), S. Y. Zhang (章绍尧) 972。

2. 三裂假福王草 新种

Paraprenanthes multiformis Shih, sp. nov.

Affinis speciei praecedenti, quae foliis indivisis et caulibus et ramis glabris distinguitur.

Planta annua. Caulis solitarius, 40—90 cm altus, basi 4 mm in diametro, superne paniculato-ramosus, ramis gracilibus, villis multicellularibus noduliformibus obtectis. Folia basalia ignota; folia inferiora mediaque triangulato-vel ovato-hastata vel longe cordata, 6—8 cm longa, 5—6 cm lata, trilobata vel tripatita, lobis omnibus margine denticulatis vel apiculato-dentatis, apice acutis; folia superiora medijs similia, sed minora vel indivisa, triangulata, margine apiculato-denticulata; folia suprema indivisa, lanceolata, triangulato-lanceolata vel anguste elliptica, apice longe acuminata, margine apiculato-denticulata vel subintegrata; omnia longe petiolata, petiolis 3—10 cm longis, interdum late alatis, textura crassiuscula, utrinque aspera, strigoso-furfuracea. Calathidia numerosa, ad caulem et ramos in inflorescentiam paniculatam terminalem disposita. Involucrum cylindricum, calyculatum, 1 cm longum, c. 3 mm in diametro, post anthesin non ovoideum, phyllis 2(3)-seriatis, extimis minimis, lanceolatis, 1—2 mm longis, vix 1 mm latis, apice acutis, intimis longissimis, lineari-lanceolatis vel longe ellipticis, 1 cm longis, 1 mm latis, apice obtusis, omnibus glabris, pallide purpureis. Flosculi ligulati, rosei, c. 11 in numero, ligulis apice minute 5-fidis, tubis ad faucem sparse albo-pilosis. Achaenia atrata, fusiformia, crassiuscula, 4 mm longa, 0.8 mm lata, superne breviter attenuata, apice albida, erostrata, facie 6-costulata. Pappi setae 2-seriatae, 6.5 mm longae, obscure minute scabridae.

Hunan (湖南): Zhixian (芷县), in sylva, alt. 800m, 28 VI 1859, P. X. Tan (谭沛祥) 61587 (Typus, PE)。 Jiangxi (江西): sine loco, in sylva, Jiangxi Exped. (江西队) 656。 Sichuan (四川): Emeishan (峨眉山), ad marginem sylvae, alt. 600 m, Y. L. Chen (陈艺林) 006。 Fujian (福建): Shunchang (顺昌), in declivio alt. 500m, Zh. Y. Li (李振宇) 5209。

3. 箭耳假福王草 新种

Paraprenanthes sagittiformis Shih, sp. nov.

Affinis *P. auriculiformi* Shih, a qua foliis saltem basalibus lyrato-pinnatipartitis, basi sagittiforme semiamplexicaulis bene differt.

Herba perennis, rhizomate elongato, tenue, prostrato. Caulis erectus, 80 cm altus, superne anguste paniculato-ramosus, ramis gracilibus, glabris. Folia basalia lyrato-pinnatisecta, petiolata, petiolis 5 cm longis, lobis terminalibus triangulatis, 6 cm longis, 5.5 cm latis, lobis lateralibus 1-jugis, ellipticis, 1.5 cm longis, 1 cm latis, basi confluentibus; folia inferiora mediaque pinnatipartita, ambitu oblanceolata, lanceolata vel longe elliptica, 10—20 cm longa, 5—9 cm lata, sessilia, basi sagittiforme semiamplexicaulia, lobis terminalibus longe lanceolatis vel ellipticis, 7—9 cm longis, 1—2 cm latis, apice acuminatis, margine minute apiculato-denticulatis, lobis lateralibus (1)3—5-jugis, oppositis, oblique oppositis vel alternatis, rhombiformibus, oblique rhombiformibus, ellipticis vel long ellipticis, apice acutis, margine apiculato-dentatis veldenticulatis, supremis 2.5—4 cm longis, 1—2 cm latis, infimis minimis, auriculiformibus; folia superiora et suprema anguste linearia vel lineari-lanceolata, indivisa, minora, apice longe acuminata, margine minute apiculato-denticulata vel apiculata, basi cuneata, sessilia; omnia

textura tenuia utrinque glabra. Calathidia numerosa, ad caulem et ramos in inflorescentiam paniculatam terminalem disposita. Involucrum cylindricum, calyculatum, 1.1 cm longum, 2—3 mm in diametro, post anthesin non ovoideum, phyllis 2(3)-seriatis, extimis minimis, longe ovatis, 2—3 mm longis, vix 1 mm latis, apice acutis, intimis longissimis, lineari-lanceolatis, 1.1 cm longis, 1.7 mm latis, apice obtusis, omnibus glabris, viridibus. Flosculi ligulati, rosei, 8 in numero, ligulis apice minute 5-fidis, tubis ad faucem albo-pilosis. Achaenia atrata, fusiformia, crassiuscula, 4 mm longa, 0.8 mm lata, apice albida, non rostrata, facie 4—5-costulata. Pappi setae albae, 7 mm longae, 2-seriatae, obscure minute scabrae.

Yunnan (云南): Deqin (德钦), in sylva, alt. 2500—2700m, 22 VII 1940, K. M. Feng (冯国楣) 5706 (Typus, PE)。

4. 圆耳假福王草 新种

Paraprenanthes auriculiformis Shih, sp. nov.

Affinis *P. yunnanensi* (Franch.) Shih, a qua foliis basi auriculato-semiamplexicaulis bene differt.

Herba perennis, robusta. Caulis erectus, solitarius, basi 1 cm in diame., superne anguste paniculato-vel corymboso-paniculato-ramosus, ramis gracilibus, glabris. Folia basalia ignota; folia inferiora mediaque ambitu elliptica; pinnatipartita, 10—14 cm longa, 3.5—6 cm lata, sessilia, basi auriculato-semiamplexicaulia, lobis terminalibus lanceolatis, apice acutis vel breviter acuminatis, margine obscure minute apiculato-denticulatis, lobis lateralibus 2—3-jugis, ellipticis vel anguste triangulatis, apice acutis, margine obscure minute apiculato-denticulatis vel apiculatis; folia superiora et suprema sub inflorescentia minora; indivisa, triangulata, triangulato-hastata, sessilia; omnia utrinque glabra. Calathidia numerosa, ad caulem et ramos in inflorescentiam anguste paniculatam vel corymboso-paniculatam terminalem disposita. Involucrum cylindricum, calyculatum, 1 cm longum, 3 mm in diametro, post anthesin non ovoideum, Phyllis 2(3)-seriatis, extimis minimis, ovatis, 2 mm longis, 1 mm latis, intimis longissimis, lineari-lanceolatis, 1 cm longis, 2 mm latis, apice obtusis, omnibus glabris, purpureis. Flosculi ligulati, 10 in numero, purpurei, ligulis apice truncatis, minute 5-fidis, tubis ad faucem albo-pilosis. Achaenia fusiformia, crassiuscula, atrata, 3 mm longa, 1 mm lata, superne breviter attenuata, apice albida, rostrata, facie 4—5-costulata. Pappi setae 2-seriatae, 5.5 mm longae, albae, obscure minute scabridae.

Yunnan (云南): Menhai (勐海), in pratis declivium, VII 1936, C. W. Wang (王启无) 77343 (Typus, PE); sine loco accurato, T. N. Liou (刘慎谔) 14408。

5. 云南假福王草

Paraprenanthes yunnanensis (Franch.) Shih, comb. nov. — *Lactuca yunnanensis* Franch. in Journ. de Bot. 9: 264, 1895; S. Y. Hu in Quart. Journ. Taiwan Mus. 20 (1—2): 32, 1967.

云南: Minkwong 河谷, G. Forrest 8045, 8472.

6. 狭裂假福王草

Paraprenanthes longiloba Ling et Shih, sp. nov.

Affinis *P. yunnanensi* (Franch.) Shih, a qua foliorum lobis lateralibus 1-jugis, minoribus, subuliformibus, prope basin lobi terminalis dispositis bene differt.

Planta perennis. Caulis solitarius, erectus, robustus, superne paniculato-ramosus, ramis