

noduliformibus obtectis et forma foliorum.

15 绿春假福王草 新种

Paraprenanthes luchunensis Shih, sp. nov.

Species *P. prenanthoidi* (Hemsl.) Shih affinis, sed foliis omnibus divisis differt.

Herba annua, 50—100 cm alta. Caulis erectus, solitarius, superne corymboso- vel corymboso-paniculato-ramosus, ramis omnino villis multicellularibus noduliformibus vel villis multicellularibus noduliformibus capitellatis stipitatis obtectis. Folia radicalia et caulina inferiora lyrato-pinnatisecta, petiolata, petiolis, usque ad 11 cm longis, lobis terminalibus majoribus, lanceolatis, 9 cm longis, 2.5—3 cm latis, apice acuminatis, lobis lateralibus 1—2-jugis, ellipticis, apice obtusis vel acutis, mucronulatis, basi late confluentibus, omnibus margine integris vel apiculatis; folia media superioraque radicalibus et caulinis inferioribus similia, sed minora; omnia textura tenuia utrinque glabra. Calathidia numerosa, ad caulem et ramos in inflorescentiam corymbosam vel corymboso-paniculatam terminalem disposita. Involucrum cylindricum, 1.2 cm longum, 2 mm latum, phyllis 3—4-seriatis, extimis et exterioribus brevissimis, 2 mm longis, vix 1 mm latis, apice acutis, intimis interioribusque longissimis longe lanceolatis, 1.2 cm longis, 2 mm latis, apice acutis omnibus glabris. Flosculi ligulati, pallide rosei, 12 in numero. Achaenia atrata, 4 mm longa, superne breviter attenuata, apice albida, erostrata. Pappi setae albae, 5 mm longae, obscure minute scabridae.

Yunnan (云南): Luchun (绿春), alt. 1200 m, 1974-05-07, Exp. Luchun (绿春队) 460; Luchun (绿春), 1974-06-12, Exp. Luchun (绿春队) 1895 (Typus, PE).

16 长柄假福王草 新种

Paraprenanthes gracilipes Shih, sp. nov. — *Prenanthes gracilipes* Chang in sched.

Species *P. sororiae* (Miq.) Shih affinis, sed foliis utrinque villis multicellularibus noduliformibus sparse obtectis differt.

Herba annua, 60 cm alta. Caulis erectus, superne paniculato-ramosus, ramis gracilibus, glabris. Folia radicalia et caulina inferiora ignota; folia caulina media lyrato-pinnatisecta, petiolata, petiolis 3—13 cm longis, villis multicellularibus noduliformibus obtectis, lobis terminalibus majoribus, triangulato-hastatis vel fere late triangulatis, 8—10 cm longis 6—9 cm latis, apice breviter acuminatis, margine inaequaliter serratis, basi leviter hastatis, raro truncatis, lobis lateralibus 1-jugis, ellipticis 3—4 cm longis, 1.5—2.5 cm latis, apice acutis, margine serratis; vel folia caulina media interdum indivisa, triangulato-hastata, petiolata, petiolis 8 cm longis; folia superiora triangulato-lanceolata, 4.5 cm longa, 3 cm lata, petiolata, petiolis 1.5 cm longis, alatis, basi late cuneata, margine serrata; folia suprema longe elliptica, 3.5 cm longa, 0.6 cm lata, apice acuminata, basi cuneato-attenuata, sessilia; omnis utrinque villis multicellularibus noduliformibus sparse obtecta. Calathidia numerosa, ad caulem et ramos in inflorescentiam paniculatam disposita. Involucrum cylindricum, 9 mm longum, 2 mm latum; involucri phylla 4-seriata, extima et exteriora breviora, ovata vel lanceolata, 2—2.8 mm longa, 1 mm lata, apice acuta vel obtusa, intima et in-

teriora longiora, lanceolata, vel longe elliptica, 9 mm longa, 1.5 mm lata, apice obtusa; omnia extus pallide rosea, glabra. Flosculi ligulati, albi, 4 in numero. Achaenia immatura. Pappi setae albae, scabridae.

Sichuan (四川): Emei Mt. (峨眉山), in sylva, alt 2500 m, 1935-08-29, T. H. Tu (杜大华) 693 (Typus, PE).

17 南川花佩 新种 图 7

Faberia nanchuanensis Shih, sp. nov.

Ex affinitate *F. lanceifoliae* Anth., ab ea differt forma foliorum.

Herba perennis. Caulis solitarius, erectus, 34 cm altus, basi 2.5 mm in diametro, infra medium paniculato-ramosus, omnino glaber. Folia basalia numerosa, longe elliptica, 8—10 cm longa, 1—1.5 cm lata, apice breviter acuminata, basi in petiolos longos cuneato-angustata, petiolis 5—8 cm longis, margine sparsim obscure repando-serrulatis; folia caulina 6 in numero, apice acuminata vel longe acuminata, longe elliptica vel ea suprema longe linearia, ea infima petiolata, petiolis 6 cm longis, ea suprema sessilia, basi cuneato-angustata; omnia textura coriacea, glabra, laevia, subtus purpurea. Calathidia 12 in numero, paniculato-disposita. Involucrum in statu explanato late cuneatum, cujus phyllis 4-seriatis, obscure imbricatis, extremis externisque ovato-triangularibus vel longe ovatis, usque ad 5 mm longis, 1.5 mm latis, intimis internisque longe ellipticis, usque ad 1.3 cm longis, 1.5 mm latis; omnibus extus glabris, viridibus, apice acutis vel obtusis. Flosculi numerosi caerulei, ligulati. Achaenia immatura.

Sichuan (四川): Nanchuan (南川), prope fossas in locis humidis, 1957-06-28, J. H. Xiong et Z. L. Zhou (熊济华与周子林) 91698 (Typus, PE).

18 耳叶细莨苳 新种

Stenoseria auriculiformis Shih, sp. nov.

Species insignis foliis auriculiformi- vel codato-amplexicaulibus, a speciebus ceteris sinensibus bene distincta.

Herba annua, radicibus fibrosis numerosis. Caulis erectus, solitarius, 75 cm altus, basi 2 mm in diametro, superne corymboso-ramosus, ramis gracilibus, omnino glaber. Folia basalia sub anthesi emarcida; ea media petiolata, petiolis 3—9 cm longis, basi eorum auriculiformi-amplexicaulibus, lyrato-pinnatisecta vel -pinnatipartita, lobis lateralibus 1—2 jugis, ellipticis vel longe ellipticis, 0.7—2.5 cm longis, 0.8—1.8 cm latis, apice obtusis vel rotundatis, mucronulatis, margine integris vel paucoserrulatis, -apiculatis, lobis terminalibus triangularibus vel cordatis, 3—4 cm longis, 2.5—3 cm latis, apice acutis, mucronulatis, margine repandis, paucoserrulatis vel -apiculatis; ea media superioraque longe cordata vel -ovata, sessilia, basi valde cordato-amplexicaulia, margine integra, apice longe acuta; omnia textura tenuia, utrinque glabra. Calathidia numerosa, corymboso-disposita. Flosculi purpurei, 5 in numero, ligulatis. Involucrum anguste cylindricum, 8 mm longum, 2 mm in diametro, cujus phyllis 2-seriatis, externis brevissimis, longe ovatis, 1.8 mm longis, 0.8