

**Prenanthes pyramidalis** Shih, sp. nov.

A *P. racemiformis* Shih foliis margine integris vel subintegris et calathidiis numerosis, secus ramos et caulem in inflorescentiam paniculatam terminalem amplam laxè dispositis differt.

Planta perennis. Caulis solitarius, erectus, 0.75—1.85 m altus, basi 1 cm in diametro, superne paniculatim ramosus, omnino sparse multicellulari-noduliforme-hispidulus. Folia caulina inferiora mediaque indivisa, cordata, 8.5—14 cm longa, 6.5—12 cm lata, petiolata, petiolis ad 10 cm et ultra longis; folia superiora inferioribus mediisque similia vel longe vel late triangulato-ovata vel ovata, minora, basi truncata vel cuneata; folia in et sub inflorescentia paniculata parvissima, lanceolata vel elliptica, 1.5—3 cm longa, 0.4—0.9 cm lata, petiolis 3—5 mm longis; omnia acuminata, margine integra vel subintegra, neque apiculata neque denticulata vel sparssime denticulata vel obscure minute mucronulato-denticulata, utriusque multicellulari-noduliforme-hispidula. Calathidia numerosa, secus ramos et caulem inflorescentiam paniculatam terminalem amplam laxè formantia, sub anthesi nutantia vel erecta, pedicellis gracilibus, dense puberulis. Involucrum anguste cylindricum, 1.1 cm longum, 2 mm in diametro, calyculatum; cujus phylla 3-seriata, externa mediaque brevissima, late triangulata, 1.2 mm longa, vix 1 mm lata, apice acuta, interna longe elliptico-lanceolata, 5 in numero, 1 cm longa, 1.5 mm lata, apice acuta vel obtusa, dorso sparse puberula; omnia viridia. Flosculi ligulati, purpurei, 5 in numero. Corollae 1 cm longae, tubis 5 mm longis, ligulis 5 mm longis, apice truncatis, minute 5-fidis. Achaenia subteretia, obtuse pentagona, brunnea, 4 mm longa, aequicrassa, apice truncata. Pappi setae 2—3-seriatae, 7mm longae, minute scabrae, brunneae.

Sichuan (四川): Baoxing (宝兴), C. Pei (裴鉴) 8132, ad margines fruticis, alt. 1350 m, 24 VIII 1963, K. C. Kuan et W. T. Wang (关克俭与王文采) 2612 (Typus, PE); Emei Shan (峨眉山), idem (采集人同上) 1464; Tianquan (天全), idem (采集人同上) 2273。Gansu (甘肃): Wen Xian (文县), Z. Y. Zhang (张志英) 17456。Hupei (湖北): Xingshan (兴山), T. P. Wang (王作宾) 11940, L. Q. Chen (陈龙权) 2083。

本种与总序福王草相近,但头状花序多数,在茎枝顶端排成大型圆锥花序,叶全缘或几全缘,无锯齿亦无小尖头,或边缘有极稀疏的小锯齿,齿顶及齿缘有小尖头,容易区别。

**2. 总序福王草 新种****Prenanthes racemiformis** Shih, sp. nov.

Ex affinitate *P. tatarinovii* Maxim., differt foliis indivisis et calathidiis 9 in numero ad caulem inflorescentiam racemosam formantibus.

Planta perennis. Caulis solitarius eramosus, gracilis, 50 cm altus, basi circ. 3 mm in diametro, sparse hirtellus. Folia basalia longe petiolata, petiolis ad 18 cm longis, cordata vel ovato-cordata, 10 cm longa, 9.5 cm lata, apice acuta, margine inaequaliter triangulatim dentata; folia caulina media inferioraque basalibus similia, sed minora, opposita vel subop-

posita, apice acuta vel breve-acuminata; folia supera et suprema sub inflorescentia ovata vel late ovata, basi rotundata vel truncata; omnia utrinque aspera, ad nervos hirtella. Calathidia 9 in numero ad caulem inflorescentiam racemosam formantia. Involucrum anguste cylindricum, 1 cm longum, 2 mm in diametro, phyllis 2-seriatis, externis longe ovatis, 1.2 mm longis, vix 1 mm latis, internis 5 in numero, linearibus, 1 cm longis, 1 mm latis, apice obtusis, omnibus glabris, viridibus. Flosculi ligulati, 5 in numero, purpurei. Achaenia pallide flava, obtuse tetragona, 4 mm longa, apice truncata. Pappi setae pallide brunnea vel sordide flava, 6 mm longae, 2—3-seriatae, minute scabrae.

Hebei (河北): Quinglong (青龙), sine leg. 1023 (Typus, PE).

本种与福王草 *Prenanthes tatarinovii* Maxim. 接近, 但以头状花序少数, 沿茎排成总状花序, 叶不分裂, 与后者不同。

### 3. 薯蓣叶福王草

*Prenanthes faberi* Hemsl. in Journ. Linn. Soc. Bot. **23**: 486, 1888; S. Y. Hu in Quart. Journ. Taiwan Mus. **20** (3—4): 303, 1967 — *Lactuca hemsleyi* Franch. in Journ. de Bot. **9**: 293, 1895.

四川: 李国凤 63167。

模式标本采自四川峨眉山。

### 4. 福王草 盘果菊(中国高等植物图鉴)

*Prenanthes tatarinovii* Maxim. in Mém. Acad. Pétersb. Sav. Étrang **9**: 474, 1859; Komar. in Act. Hort. Petrop. **25**: 788, 1907; Chang in Bull. Fan Mem. Inst. Biol. **5**: 322, 1934; Ling in Contr. Inst. Bot. Nad. Acad. Peip. **3**(4):200, 1935; Hand.-Mazz. in Act. Hort. Gothob. **12**: 350, 1938; Kirp. in Fl. URSS **29**: 265, 1964; S. Y. Hu in Quart. Journ. Taiwan Mus. **20**(3—4):304, 1967; 中国高等植物图鉴 **4**:695, 1975; H. Ch. Fu in Fl. Intramong. **6**: 310, 1982 — *Lactuca tatarinovii* (Maxim.) Franch. in Journ. de Bot. **9**: 293, 1895 — *Nabalus tatarinovii* (Maxim.) Nakai in Fl. Sylv. Kor. **14**: 166, 1923; Kitag. in Report. Inst. Res. Manch. 3: App. l. 460, 1937 — *Prenanthes tatarinovii* subsp. *shangtungensis* Stebbins in Herb.; S. Y. Hu in Quart. Journ. Taiwan Mus. **20**(3—4): 305, 1967.

吉林: 孔宪武 2282, 延边 1 队 479, 延边 2 队 426, 傅沛云 1334, 陈封怀 429、419、623, 刘慎谔 4239、3721。辽宁: 刘慎谔 1874, 陈封怀 2409。山东: 崔顺昌 111。河北: 周汉藩 40812, 杨朝广 586、1225、1444, 刘瑛 11323、11301、13537、13288、11304a, 夏纬瑛 2409、2411、2410, 王文采 2848、2691、2471、667, 崔友文 2214, 刘继孟 3462, 刘慎谔 4792, 王金维 274、256, 河北中草药普查队 858、552。山西: 夏纬瑛 1556、1662, 王作宾 3236、2600、3359, 包士英 602、870, 刘继孟 3986、3931, 刘鑫源 21467, 黄河队 2896, 关克俭和陈艺林 2682、2624、1100, E. D. Merrill 1322。河南: 刘继孟 5279, 河南队 2138, 无采集者 912。陕西: 刘继孟 10577, 郭本兆 830、564, 崔友文 10900, 王作宾 16216、19711、2034, 夏纬瑛 24、4701, 孔宪武 3604, 傅坤俊 3327、5686; 陕甘队 10788, 刘慎谔与钟补求 1250。甘肃: 李金喜 1456, 无采集者 72, 黄河队 5926, 王作宾 15102,