

erotrata. Pappus albus, 7 mm longus.

**Qinghai** (青海): Da Qaidam (大柴达木), Da Qaidam Lake (大柴达木湖), ad lacum, alt. 3100 m, 1959-07-16, Gansu-Qinghai Exped. (甘青队) 334 (Typus, PE); Xiao Qaidam Lake (小柴达木湖), in palude, alt. 3160 m, 1959-07-15, Gansu-Qinghai Exped. (甘青队) 274; Mahai (马海), id. 211; Leng Hu (冷湖), ad lacum, alt 2790 m, id. 542; Xiao Qaidam Lake (小柴达木湖), alt. 3160 m, id. 295; Golmud (格尔木), in palude, id. 500; Qaidam Basin (柴达木盆地), alt. 2880 m, Qaidam Exped. (柴达木调查队) 108.

#### 10 长苞还阳参 新种 图 4:2

*Crepis pseudonaniforma* Shih, sp. nov.

Ex affinitate *C. naniformae* Babcock., e qua bene differt foliis ellipticis vel oblanceolatis.

Herba perennis, radice elongata, pauce brunneo-gemmata. Caulis solitarius, 17 cm altus, basi reliquiis petiolorum veterum brunneis. Folia inferiora mediaque petiolis inclusis 5—9 cm longa, 5—11 mm lata, elliptica vel oblanceolata, apice rotundata, mucronulata vel non mucronulata, margine raro dentata, in petiolos 3—5.5 cm longos cuneato-angustata; folia superiora et ea ad furcas ramorum inflorescentiae linearia vel oblanceolata, basi cuneata, sessilia vel fere sessilia, margine integra vel fere integra; folia in pedunculis minima, subulata, bracteiformia; omnia utrinque glabra. Calathidia 8—12 in numero, ad apicem ramorum et caulis inflorescentiam corymbosam formantia. Flosculi ligulati, 11 in numero, flavi, tubis glabris. Involucrum anguste cylindricum, 1.1 cm longum, cujus phyllis 4-seriatis, extremis externisque longe ovatis vel lanceolatis, 1.2—2 mm longis, 1 mm latis, apice acutis, intimis internisque anguste lineari-ellipticis, 1.1 cm longis, 1 mm latis, apice acutis vel obtusis, margine albo-membranaceis, intus glabris, omnibus extus glabris. Achaenia brunnea, fusiformia, 6 mm longa, costis 9, non spinulosis. Pappus albus, gracilis, 7 mm longus.

**Xinjiang** (新疆): Zhaosu (昭苏), 1957-08-14, K. C. Kuan (关克俭) 3501 (Typus, PE).

#### 11 天山还阳参 新种 图 5

*Crepis tianshanica* Shih, sp. nov.

Ex affinitate *C. flexuosae* (Ledeb.) Turcz., e ea differt involucris campanulatis, cujus phyllis extus albo-sericeis.

Herba perennis parva, radice gracili, pauce gemmata. Caulis erectus 3—5 cm altus, sparsim vel superne densius pubescens. Folia lyrato-vel fere lyrato-pinnatisecta, -pinnatipartita, ambitu lanceolata, utrinque sparsim pubescentia vel non pubescentia, petiolis pubescentibus vel non pubescentibus inclusis 2.5—4 cm longa, 0.5—0.8 cm lata, lobis lateralibus 3—4-jugis, oppositis, alternatis vel obliquis, ellipticis vel triangularibus vel rhomboideis vel irregulariter rhombideis, apice acutis, rotundatis vel obtusis, margine integris sed eis inferioribus minoribus dentiformibus; lobis terminalibus ellipticis, ovatis, hastatis vel saggitatis,

4-seriatis extremis externisque ovatis, elliptico-ovatis vel ellipticis, inaequilongis, usque ad 4 mm longis, 1.2 mm latis, apice acutis, intimis internisque lanceolatis, longe elliptico-lanceolatis, 1.1 cm longis, 2 mm latis, apice acutis vel obtusis intus glabris; omnibus extus glabris. Achaenia 5 mm longa, brunnea, costis aequalibus 10, spinulosis, apice truncata,



图 4 1. 草甸还阳参; 2. 长苞还阳参。(蔡淑琴绘)  
Fig. 4 1. *Crepis pratensis* Shih; 2. *C. pseudonaniiforma* Shih.