

***Pholcus qingchengensis* Gao, Gao & Zhu, 2002**

Gao, Y. Q., Gao, J. C., Zhu, M. S. 2002. Two new species of the genus *Pholcus* from China (Araneae: Pholcidae). *Acta zootaxon. sin.* 27(1): 74-77.

p. 75

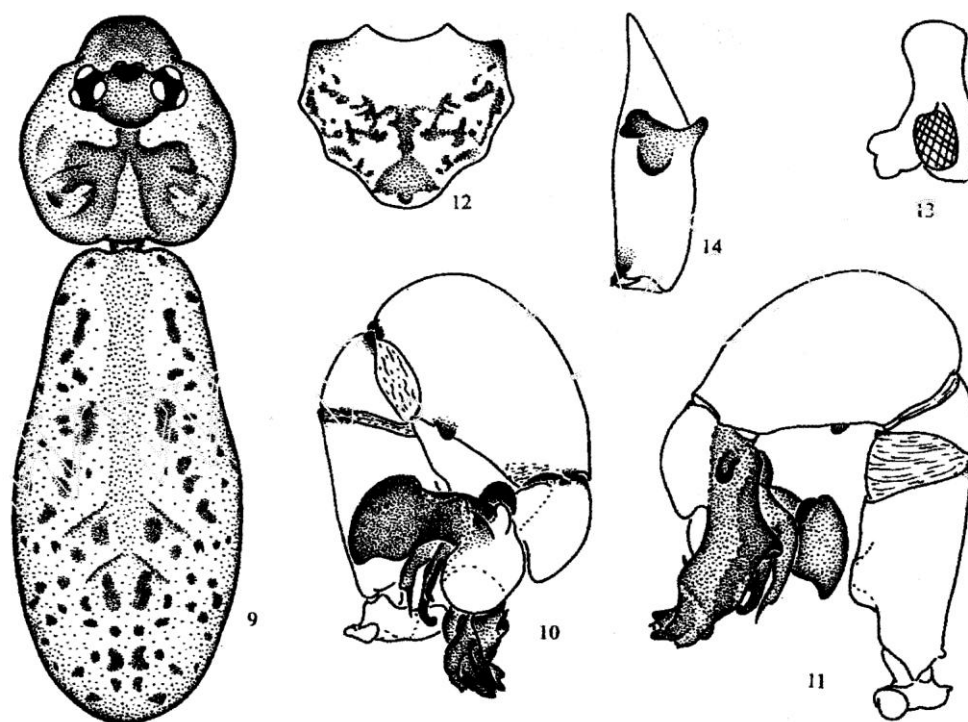
Pholcus qingchengensis sp. nov. (Figs. 9-14)

Holotype ♂, Mt. Qingcheng (103°30'N, 30°18'E), Dujiangyan City, Sichuan Province, 26 Oct. 1975; paratypes 1 ♂, same data as in holotype.

Etymology. The specific name refers to the type locality.

Diagnosis. The new species resembles *Pholcus guani* Song et Ren, 1994 in the shape of uncus of male palpal organ, but it can be distinguished from the latter by: 1) spur of trochanter of male palp shovel-shaped; 2) protarsus of male palpal organ with a nail-shaped projection; 3) median area of anterior surface of chelicera with two processes.

Male. Total length 4.77. Cephalothorax 1.26 long, 1.62 wide; abdomen 3.51 long, 1.71 wide. Carapace yellow, medial part of thorax with one pair of brownish patches. ALE, PLE and PME on a short stalk. Both eye rows recurved. AME 0.10, ALE 0.16, PME 0.14, PLE 0.16; AME-AME 0.08, AME-ALE 0.10; MOA 0.38 long, front width 0.26, back width 0.60. Chelicerae, labium and endites yellow. Sternum yellow with irregular yellowish brown spots. Legs yellow with brownish rings. Measurements of legs: I 45.20 (11.80 + 12.43 + 18.27 + 2.70); II 29.26 (7.83 + 7.56 + 12.34 + 1.53); III 8.99 (5.67 + 5.31 + 7.02 + 0.99); IV 25.56 (7.65 + 6.93 + 9.90 + 1.08). Leg formula 1, 2, 4, 3. Abdomen yellow, dorsum with many small brown spots. Uncus of male palpal organ axe-shaped, protarsus of male palpal organ with a nail-shaped projection prolaterally, spur of trochanter of male palp shovel-shaped.



Figs. 9-14 *Pholcus qingchengensis* sp. nov.

9. male, dorsal view 10. left palp of the male, endo-lateral view 11. do., exo-lateral view 12. sternum of the male 13. trochanter of left male palp 14. left chelicera of the male, dorsal view

青城幽灵蛛,新种 *Pholcus qingchengensis* sp. nov. (图 9~14)

正模 ♂,副模 1 ♂,四川省都江堰市青城山,1975年10月26日。

鉴别特征 新种雄性触肢器的钩状突形状近似于关氏幽灵蛛 *Pholcus guani* Song et Ren, 1994,但有如下3点不同:1)雄性触肢转节距呈铲状,2)跗前突具一钉状突起,3)螯肢前面中部具2个突起。

新种的种名根据模式标本的采集地而拟定。

关键词 蜘蛛目,幽灵蛛科,幽灵蛛属,新种。

中图分类号 Q959.226

Zhang, F., Zhu, M.S. 2009. A review of the genus *Pholcus* (Araneae: Pholcidae) from China. *Zootaxa* 2037: 1-114.

p. 72

***Pholcus qingchengensis* Gao, Gao & Zhu, 2002**
(Fig. 40)

Pholcus qingchengensis Gao, Gao & Zhu 2002: 75, f. 9–14.

Diagnosis. This species resembles *P. qinghaiensis* in the shape of the palpal bulb, but can be distinguished from it by the shape of the tip of the procurus (Figs. 40E–F), by the shorter ventral apophysis of the trochanter (Fig. 40D), and by the appendix with a longer branch centrally (Fig. 40E).

Redescription. Male (holotype), total length 4.8: cephalothorax 1.3 long, 1.6 wide; abdomen 3.5 long, 1.7 wide. Leg I: 45.2 (11.8+0.9+11.5+18.3+2.7), tibia II: 6.9, tibia III: 4.8, tibia IV: 6.2; tibia I L/D: 68. Prosoma shape as in Fig. 40A. Carapace short, broad and almost circular, ochre, with brown butterfly-shaped marks broadly connecting to ocular area. Cephalic region raised, without brown longitudinal mark centrally, ocular area dark yellow. Clypeus 0.44, slightly ochre, without marks. Distance AME–AME 0.08. Diameter AME 0.10, ALE 0.16, PME 0.14, PLE 0.16. Chelicerae as in Fig. 40C, with pair of black apophyses distally, pair of unsclerotized thumb-shaped apophyses proximolaterally and two pairs of large unsclerotized rounded apophyses proximocentrally. Labium and endites light yellow. Sternum slightly ochre, with some irregular brown spots as in Fig. 40B. Femora, patellae and tibiae ochre, with dark rings, metatarsi and tarsi brown. Abdomen cylindrical, pale ochre, dorsum with numerous brown spots as in Fig. 40A. Venter pale brown, without marks. Palps as in Figs. 40E–F, bulb with axe-shaped uncus, appendix with a median branch, tibia of palp with a round tubercle prolaterally, femur with a small dorsal projection retrolaterally, trochanter with small ventral apophysis.

Distribution. Known from type locality only.

Material examined. CHINA: Sichuan, Dujiangyan City, Mt. Qingcheng, October 26, 1975, male holotype (MHBUS).

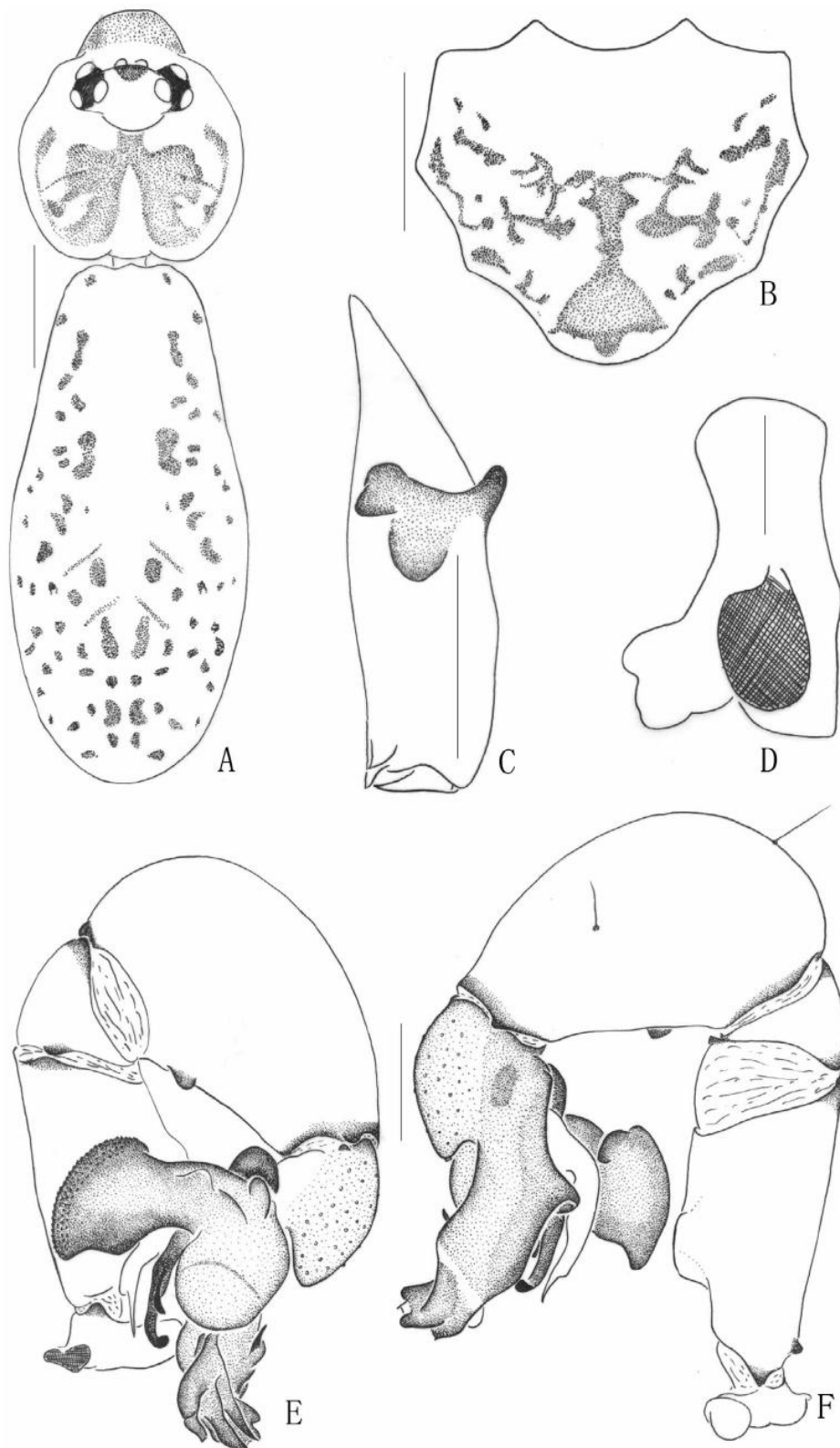


FIGURE 40. *Pholcus qingchengensis* Gao, Gao & Zhu, 2002 (illustrations modified from Gao, Gao & Zhu 2002). A. male body, dorsal view. B. male sternum, ventral view. C. male left chelicera, frontal view. D. trochanter of male left palp, retrolaterodorsal view. E. left palp, prolateral view. F. same, retrolateral view. Scale lines: 1.0mm (A), 0.5mm (B, C, E, F), 0.2mm (D).

Huber, B. A. 2011. Revision and cladistic analysis of *Pholcus* and closely related taxa (Araneae, Pholcidae). Bonner zool. Monographien 58: 1-510.

p. 448

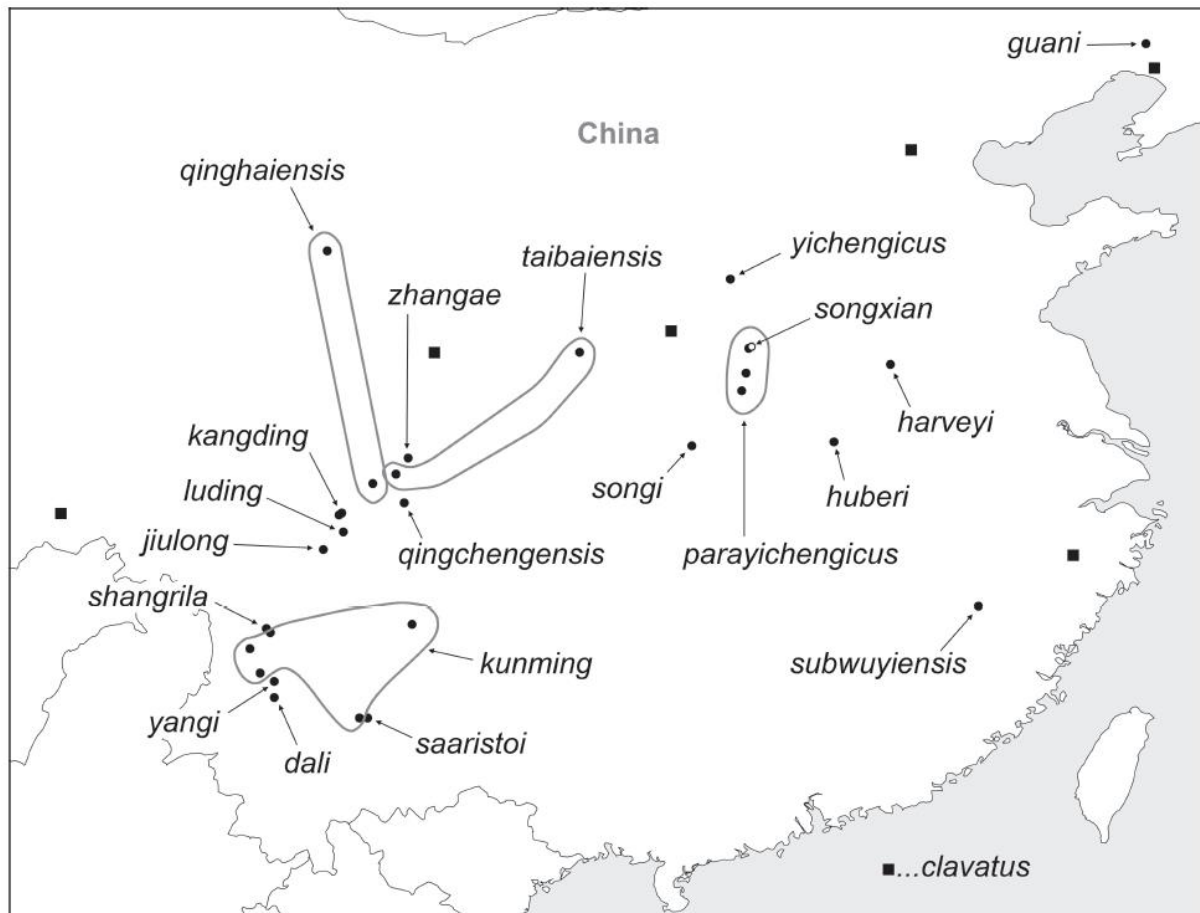


FIG. 2171. Known distribution of the *Pholcus yichengicus* species group.