

青海省东南部茸足蚤属一新种记述*

(蚤目:细蚤科)

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近年从青海省获得二种茸足蚤。其一为半圆茸足蚤 (*Geusibia hemisphaera* Liu, Chen & Liu, 1981) 采自互助、循化和大通, 宿主为间颅鼠兔 (*Ochotona cansus*)。另一种采自青海省东南部, 经鉴定为新种, 兹记述如下:

假结实茸足蚤 (*Geusibia falsotorosa*), 新种(图1—4)。

鉴别特征 本新种形态较接近结实茸足蚤 (*G. torosa* Jordan, 1932) 下列特征可以区别: ♂ (1) VIII 腹板亚腹缘仅有一条骨化杆的遗迹。该腹板的端缘有一列扁而直的刺形鬃 18 根, 近端部有成丛的刺鬃 12 个; (2) 抱器可动突在中点以下向后方为圆形凸出; (3) IX 腹板前臂的基段后缘与结实茸足蚤较直者不同, 端缘钝圆。♀ (4) VII 腹板后缘具一大而圆的凹陷, 背叶短小呈尖锥形, 腹叶宽大圆凸, 远长于背叶; (5) 肛锥具端长鬃 1 根, 侧鬃 2 根较短(配模此鬃之一脱落)。(6) 受精囊较粗短, 尾部弯度较差, 长是中部宽的 2.5 倍。

种的记述

头 额突发达, 位于额缘中点以下; 额鬃列 5—7 根; 眼发达, 有凹陷; 眼鬃列 3 根; 下唇须: ♂ 可达前足基节约 3/5—3/4, ♀ 可达 4/5—9/10 处; 后头鬃的前两列为 5—7, 6—7 根。

胸 前胸栉刺 20—22 根, 背刺略短于或等于前胸背板; 后胸背板端小刺 2 个; 后胸后侧片 3 列鬃, 依次为 3—4, 3—4, 1—2 根。前足基节外侧鬃约 31—40 根; 前、中、后足胫节后缘的切刻依次为 5、7、7 个。后足第 I、II、III 跗节的端长鬃可达或超出下一节的末端。

腹 I—III 背板各具 3 列鬃, IV—VII 各 2 列。I—IV 背板各有端小刺 2 个。II—VII

* 承贵阳医学院黄贵萍同志绘图, 特此致谢。
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背板主鬃列最后1根鬃与气门平位,臀前鬃♂2,♀3根。

变形节

♂VIII背板圆峰状,遮盖于上抱器之外,具缘鬃和侧鬃共15根;VIII腹板端部有较弱的细纹区。抱器柄突长,自基部至末端逐渐狭窄。IX腹板后臂约中部后方膨大成小叶并生着小鬃4根;端部的前叶较狭小,具小鬃1根;后叶大而圆,其亚缘约4根小鬃中最上位者为亚刺形,腹缘另有小鬃3根。阳茎钩突(见图)。♀第VII腹板形状及变异(图2—3)。受精囊粗短。尾部弯度较差,与已知种显然不同。肛锥长为基宽约2倍。

标本记录

正模♂,体长3.2毫米,配模♀3.4毫米。副模1♂,体长3.3毫米,2♀♀,2.9—3.1毫米。由吴文贞于1982年5—6月采自青海省河南蒙古族自治县托业玛公社尕马滩,位于北纬34°42',东经101°25',海拔3510米,宿主间颅鼠兔。标本除一对副模存贵阳医学院外,其余存于青海省地方病防治研究所。

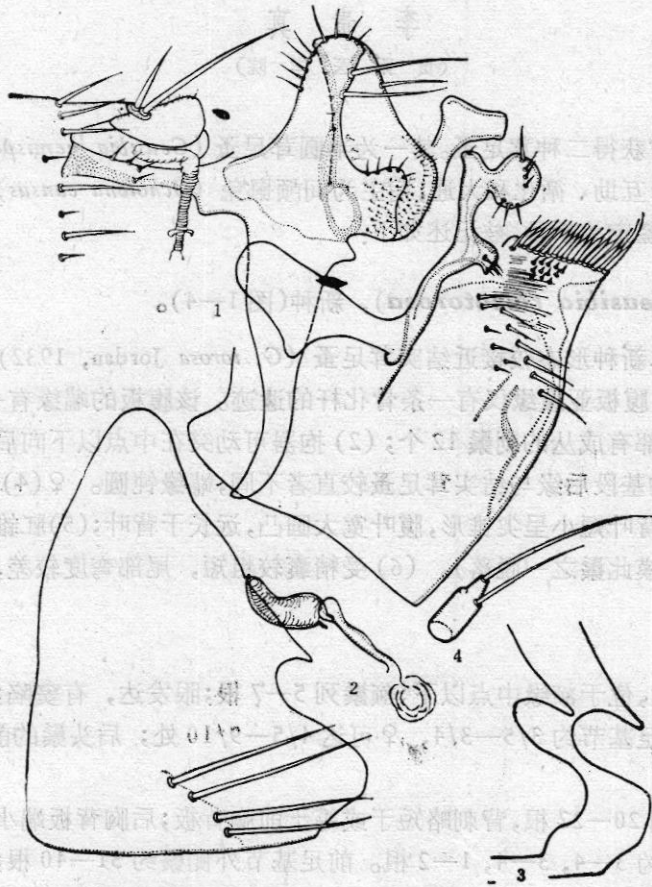


图1—4 假洁实茸足蚤

Figs. 1—4 *Geusibia falsatorosa*

1. ♂变形节,正模 (Modified segments of male, holotype);
2. ♀变形节,配模 (Modified segments of female, allotype);
3. ♀第7腹板的变异 (Variation of st. VII in female);
4. ♀肛锥,配模 (Anal stylet of female, allotype).

**A NEW SPECIES OF *GEUSIBIA* JORDAN, 1932 FROM
SOUTHEASTERN QINGHAI
(SIPHONAPTERA: LEPTOPSYLLIDAE)**

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Geusibia falsotorosa, sp. nov.

Diagnosis. The new species is allied to *G. torosa* Jordan, 1932, but with the following distinct characters: Male; (1) Sclerotized rod of VIII sternite vestigial, remains as a rudiment near the ventral margin. The prorimal margin has a row of spiniforms, about 18 flat and straight. (2) The posterior margin of the movable process of its clasper forms a round and convex below the middle; (3) Basisegment of posterior margin of IX sternite anterior arm is not more straight than that of *G. torosa*, with the proximal rounded. Female; (4) Apex of VII sternite with a large round sinus, of which the upper lobe is short and of a sharp cone, while the lower lobe, wide and round, being far longer than the upper one; (5) Anal stylet with one apical and two lateral bristles; (6) Spermatheca short and blunt, the length is 2.5 times the width at the middle, with a tail much less curved.

Type specimens: Holotype male, 3.2 mm in length. Allotype female, 3.4 mm in length, Paratype 1 male and 2 females being 3.3 and 2.9—3.1 mm long respectively. All the specimens were collected from *Ochotona cansus*, in Henan Mongolzu Zizhixian, Qinghai, 3510 m in altitude, May-June, 1982.

All type specimens are deposited in The Institute of Endemic Disease Control of Qinghai Province except one pair Paratype, deposited in Guiyang Medical College.