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New species and records of *Lasioserica* and *Gynaecoserica* from China (Coleoptera, Scarabaeidae, Sericini)

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Abstract. Two new species of Sericini are described from China: *Gynaecoserica motuoensis* Liu and Ahrens, sp. n. and *Lasioserica guangxiana* Liu and Ahrens, sp. n. A checklist of the Chinese species as well as new records are given for *Lasioserica* Brenske, 1896 and *Gynaecoserica* Brenske, 1896. The examination of the new material revealed five new country records: *Gynaecoserica nahangensis* Ahrens & Fabrizi, 2009, *G. namtamaiensis* Ahrens & Fabrizi, 2009, *Lasioserica tricuspis* Ahrens, 2000 and *L. kubani* Ahrens 2000 (China) as well as *Lasioserica meghalayana* Ahrens, 1999 (Vietnam).

Key words: Beetles, chafers, *Lasioserica*, *Gynaecoserica*, China, new species, new records.

INTRODUCTION

In the course of the revision of the material of Sericini from China a recent series of paper was published on the genera *Gastroserica* Brenske, 1897, *Neoserica* Brenske, 1894, and *Tetraserica* Ahrens, 2004 (Ahrens et al. 2014a–c, Liu et al. 2011, 2014a–e, 2015). In continuation of this work, we present here the results on the genera *Lasioserica* and *Gynaecoserica*, which have been revised previously by Ahrens (1996) and Ahrens & Fabrizi (2009), and to which a number of supplemental notes have been released (Ahrens 1999a,b, 2000, 2004, 2005, Ahrens & Fabrizi 2011, 2016, Liu et al. 2014b). This study comprises in major part the revision of the unidentified material housed in Chinese natural history collections. Apart from a number of new and interesting records this material contains also two new species described herein.

MATERIAL & METHODS

The terminology and methods used for measurements, specimen dissection and genital preparation follow Ahrens (2004). Data from specimens examined are cited in the text with original label contents given in quotation marks, multiple labels are separated by a "/". Descriptions and illustrations of new taxa are based on the holotype specimen if not otherwise stated, while the variation of specimens is given separately under "variation". Male genitalia were glued to a small pointed card and photographed in both lateral and dorsal view using a Zeiss AxioCam HRc mounted on a Zeiss Stereo Discovery.V20 stereo-microscope. In the Automontage software a number of single focussed images were combined in order to obtain an entirely focussed image. The resulting images were subsequently digitally edited.

The authors of the new names are Wan-Gang Liu and Dirk Ahrens (art. 50.1 of ICZN).

Abbreviations used in the text for collection depositories are as follows:

BPBM	Bernice P. Bishop Museum, Honolulu, USA;
CP	collection Petr Pacholátko, Brno, Czech Republic;
CASH	collection André Skale, Hof/Saale, Germany;
HBUM	Museum of Hebei University, Baoding (Hebei Province) China;
ISNB	Institut Royal des Sciences naturelles de Belgique, Brussels, Belgium;
IZAS	Institute of Zoology, Chinese Academy of Sciences, Beijing, China;
MZUF	Museo Zoologico "La Specola", Università di Firenze, Italy;
NMPC	National Museum (Natural History), Prague, Czech Republic;
SYUG	Sun Yat-Sen University, Guangzhou, China;
ZFMK	Zoologisches Forschungsmuseum A. Koenig, Bonn, Germany.

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NEW SPECIES

Gynaecoserica motuoensis Liu & Ahrens sp. n.

Type material examined. Holotype: ♂ "[China] Xizang, Motuo, 80k, 2100m, 2011-VIII-19/ LW-1134" (IZAS).

Description. Length 5.5 mm, length of elytra 4.1 mm, width 2.9 mm. Body oblong, dorsal surface dark brown to dark green, antenna yellowish brown, dorsal surface dull, densely erectly setose.

Labroclypeus subrectangular, widest at base, lateral margins weakly convergent, anterior angles strongly rounded, lateral border and ocular canthus producing a distinct blunt angle, margins weakly reflexed; anterior margin shallowly sinuate medially; surface weakly convex medially and shiny, finely and densely punctate, distance between punctures equal or less than their diameter, with dense and long, erect setae; frontoclypeal suture feebly incised, medially moderately curved; smooth area in front of eye approximately 1.5 times as wide as long; ocular canthus short and moderately slender, finely and densely punctate, with a short terminal seta. Frons shiny, posterior half dull, with fine, dense punctures, densely setose. Eyes moderately large, ratio of diameter/interocular width 0.64. Antenna yellow, with ten antennomeres; club yellow, with five antennomeres, as long as remaining antennomeres combined. Mentum weakly elevated and flattened anteriorly.

Pronotum moderately wide, widest shortly before base, lateral margins evenly convex and weakly convergent anteriorly, anterior angles strongly produced and sharp, posterior angles strongly rounded; anterior margin nearly straight, with a fine marginal line; basal margin without marginal line; surface with irregularly dense fine punctures, with dense and long, erect setae; anterior and lateral borders setose; hypomeron distinctly margined at base but not ventrally produced. Scutellum moderately long and wide, triangular, with fine dense punctures, medially narrowly smooth, with short adjacent setae in punctures.

Elytra elongate, widest in apical third, striae distinctly impressed, finely and densely punctate, intervals weakly convex, with fine, sparse punctures concentrated along striae, punctures with dense fine erect setae, interior apical angle of elytra with robust seta; epipleural edge fine ending at strongly curved external apical angle of elytra; epipleura sparsely setose, apical border without short microtrichomes.

Ventral surface dull, with fine and moderately dense punctures, densely setose; metacoxa glabrous, with a few strong adjacent setae laterally only; each abdominal sternite with indistinct transverse row of coarse punctures bearing short setae between fine, dense punctation, penultimate sternite apically with a very short shiny smooth sclerotized border, last sternite medially 1.3 times as long as penultimate one. Mesosternum between mesocoxae as wide as mesofemur, with irregularly scattered very strong setae. Ratio of length of metepisternum/metacoxa: 1/1.45. Pygidium strongly convex at apex, finely and densely punctate, with moderately broad smooth midline, surface dull, with numerous long setae.

Legs slender and long; femora dull, with two longitudinal rows of setae, finely and sparsely punctate; metafemur shiny, sharply margined anteriorly and without a submarginal serrate line, posterior margin weakly convex and glabrous, its external part only weakly widened in apical half and not serrate, internally very finely serrate, with a few long setae. Metatibia slender and long; evenly widened toward apex, ratio width/length: 1/3.2, dorsal margin sharply carinate; with two groups of spines, basal group shortly before half, apical group at three-quarters of metatibial length; basally with a few single, fine setae; external face longitudinally convex, with sparse, fine punctures, glabrous; ventral margin carinate and serrate, with three strong spines, the distal two more distant; medial face very finely and sparsely punctate and smooth, apex interiorly near tarsal articulation sharply and deeply truncate. Tarsomeres dorsally glabrous and impunctate, ventrally with sparse, short setae; metatarsomeres ventrally with a strongly serrate ridge, beside it with a subparallel, fine longitudinal carina; first metatarsomere little longer than following two tarsomeres combined and nearly twice as long as dorsal tibial spur. Protibia moderately long, bidentate, protarsal claws symmetrical, basal tooth of interior claw normally developed.

Aedeagus: Fig. 1A–C. Habitus Fig. 1D. Female unknown.

Diagnosis. *Gynaecoserica motuoensis* Liu & Ahrens sp. n. differs from all other *Gynaecoserica* species by the parameres being strongly bent dorsally behind the middle and widened on the left side having a baseward directed and sharply pointed process (Fig. 1B).

Etymology. Latin adjective in the nominative singular. The species is named according to its type locality, Motuo.

Lasioserica guangxiana Liu & Ahrens sp. n.

Type material examined. Holotype: ♂ "[China] Fulong, Fangcheng, Guangxi, 24.V.1999, 500m, leg. Zhang Guoqing, Yuan Decheng/ LW-110" (IZAS). Paratype: 1 ♂ "[China] Fulong, Fangcheng, Guangxi, 24.V.1999, 500m, leg. Zhang Guoqing, Yuan Decheng" (ZFMK).

Description. Length: 6.0 mm, length of elytra: 4.7 mm, width: 3.5 mm. Body oblong, dorsal surface dark brown, antenna brown, dorsal surface dull, pronotum and head with greenish shine, densely setose, with fine long and white, robust setae on elytra.

Labroclypeus subtrapezoidal, widest at base, lateral margins in basal half strongly convex and strongly convergent to moderately rounded anterior angles, lateral border and ocular canthus producing a distinct angle; anterior margin concavely sinuate, margins weakly reflexed; surface flat and shiny, finely and densely punctate, with dense and long erect setae; frontoclypeal suture weakly impressed and moderately curved; smooth area anterior to eye 3 times as wide as long; ocular canthus moderately long and narrow, finely and densely punctate, with a short terminal seta. Frons in posterior half dull, finely and densely punctate. Eyes large, ratio of diameter/interocular width: 0.8. Antenna with ten antennomeres, club in male with four antennomeres, twice as long as remaining antennomeres combined, all joints of same length. Mentum elevated and flattened anteriorly.

Pronotum widest at middle, lateral margins in basal half straight and subparallel, anteriorly moderately curved and convergent to weakly produced anterior and blunt anterior angles, posterior angles nearly right-angled; anterior margin weakly convex, with a fine marginal line; basal margin without marginal line; surface with dense and fine punctures each bearing either an short, adpressed or a longer, white seta; anterior and lateral borders sparsely setose; hypomeron carinate, basal margin of hypomeron weakly produced ventrally. Scutellum subtriangular, apex moderately rounded, with fine and dense punctures and setae, smooth on basal midline.

Elytra oblong, widest shortly behind middle, striae moderately impressed, with fine and dense punctures; intervals moderately convex, with fine and irregularly dense punctures concentrated along striae, impunctate areas appear darker, with sparse, short setae, on odd intervals with a few fine white setae; epipleural edge moderately strong, ending at strongly rounded external apical angle of elytra, epipleura densely setose, apical border chitinous, without a visible rim of microtrichomes (100x magnification).

Ventral surface dull, with large and dense punctures, sparsely setose, metacoxa only laterally with a few fine, adpressed setae. Abdominal sternites finely and densely punctate and minutely setose, each sternite with a distinct transverse row of coarse punctures each bearing a short, robust seta. Penultimate abdominal sternite with two widely separated tubercles. Mesosternum between mesocoxae as wide as mesofemur. Ratio of length of metepisternum/metacoxa: 1/1.37. Pygidium moderately convex and dull, with fine, dense punctures and fine, short setae, with wide impunctate midline.

Legs moderately slender and long; femora dull on ventral face, with two longitudinal rows of setae, finely and sparsely punctate; anterior edge of metafemur acute, with an adjacent serrate line, ventrally weakly widened ventrally in apical half but not serrate, dorsally serrate. Metatibia moderately slender and short, widest at apex, ratio width/length: 1/3.1, distinctly carinate dorsally, with one group of spines only at 7/8 of metatibial length, beside dorsal margin with a straight and continuously serrate line convergent with dorsal margin behind apical group of spines, between serrated line and dorsal margin finely punctate and with a few short setae; lateral face longitudinally convex, with dense and fine punctures, densely setose; ventral edge serrate, with four fine and long, equidistant spines, medial face finely and sparsely punctate and punctures with minute setae, apex interiorly near tarsal articulation weakly concavely truncate. Tarsomeres dorsally sparsely punctate and finely setose, ventrally with short, sparse setae; metatarsomeres ventrally with a strongly serrate ridge, laterally not carinate, first metatarsomere as long as the following two tarsomeres combined and nearly twice as long as dorsal tibial spur. Protibia short, bidentate, protarsal claws asymmetrical, basal tooth of inner claw somewhat lobiform and truncate at apex.

Aedeagus: Fig. 1E–G. Female unknown.

Diagnosis. The external morphology and the shape of parameres are similar to those of *L. brevipilosa* Moser, 1919. The new species differs significantly by the more flattened and more widened left paramere, and the straighter and longer right paramere which has externally a robust, lateral, tooth-like extension (Fig. 1E, F).

Variation. Length: 6.0–6.8 mm, length of elytra: 4.7–5.2 mm, width: 3.5–3.9 mm.

Etymology. Latin adjective in the nominative singular. The new species is named after its occurrence in the Guangxi province.

Checklist of Chinese species and new records of *Gynaecoserica* and *Lasioserica*

genus *Gynaecoserica* Brenske, 1896

Gynaecoserica Brenske, 1896: 154 (type species *Gynaecoserica pellecta* Brenske, 1896 by monotypy).
Chaetoserica Brenske, 1897: 355 (type species *Chaetoserica cymosa* Brenske, 1896 by monotypy).
Paragynaecoserica Khan & Ghai, 1982: 61 (type species *Paragynaecoserica pubescens* Khan & Ghai, 1982 by monotypy).

Gynaecoserica alma Ahrens & Fabrizi, 2009

Gynaecoserica alma Ahrens & Fabrizi, 2009: 1511.

Distribution. Yunnan.

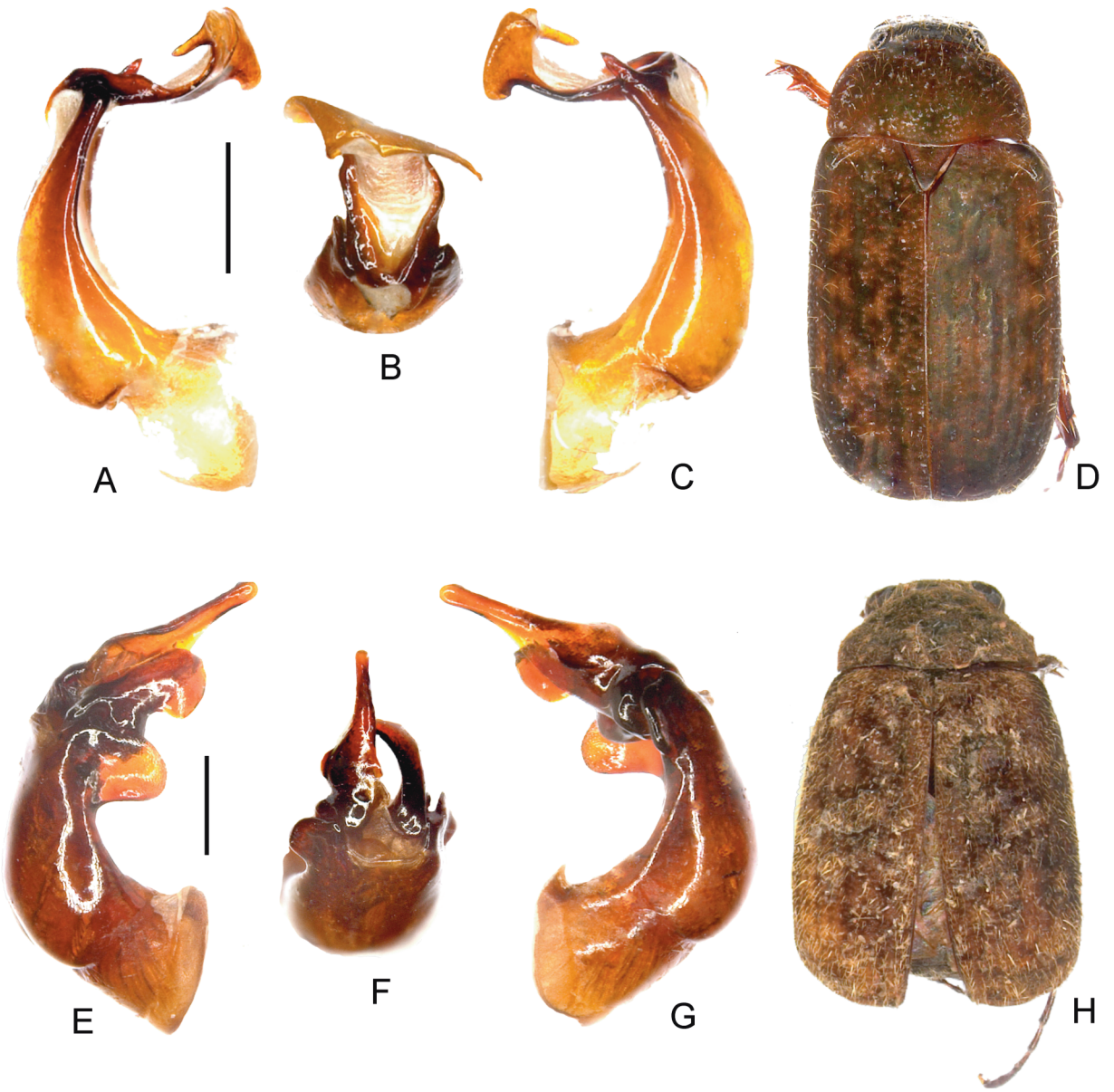

Fig. 1. A–D: *Gynaecoserica motuoensis* Liu & Ahrens sp. n. (holotype), E–H: *Lasioserica guangxiana* Liu & Ahrens sp. n. (holotype). A, E: Aedeagus, left side lateral view; C, G: Aedeagus, right side lateral view; B, F: Parameres, dorsal view; D, H: Habitus (not to scale). Scale: 0.5 mm.

***Gynaecoserica amara* Ahrens & Fabrizi, 2009**

Gynaecoserica amara Ahrens & Fabrizi, 2009: 1522.

Distribution. Yunnan.

***Gynaecoserica bocaki* Ahrens & Fabrizi, 2009**

Gynaecoserica bocaki Ahrens & Fabrizi, 2009: 1529.

Distribution. Yunnan.

***Gynaecoserica hani* Liu & Ahrens, 2014**

Gynaecoserica hani Liu & Ahrens, 2014: 160.

Distribution. Xizang (Tibet).

***Gynaecoserica lohitensis* Ahrens & Fabrizi, 2009**

Gynaecoserica lohitensis Ahrens & Fabrizi, 2009: 1555.

Distribution. Xizang (Tibet), northeastern India.

***Gynaecoserica nahangensis* Ahrens & Fabrizi, 2009**

Gynaecoserica nahangensis Ahrens & Fabrizi, 2009: 1567.

Material examined. 2 ♂♂ "Mengzhe, Xishuangbanna, Yunnan, 3.VII.1958, 891m, 1200m, leg. Meng Xuwu, Wang Shuyong" (IZAS).

Distribution. Yunnan, Vietnam.

Remarks. This species was originally described from northern Vietnam and is for the first time recorded for China.

G*ynaecoserica namtamaiensis* Ahrens & Fabrizi, 2009

Gynaecoserica namtamaiensis Ahrens & Fabrizi, 2009: 1569.

Material examined. 1 ♂ "Mt. Heishan, Longxin, Longling, Yunnan, 23-25.XII.2008, leg. Xu Jishan, Zou Zhenhua" (HBUM).

Distribution. Yunnan, Myanmar.

Remarks. This species was originally described from northern Myanmar (Burma) and is for the first time recorded for China.

***Gynaecoserica obliqua* Ahrens & Fabrizi, 2009**

Gynaecoserica obliqua Ahrens & Fabrizi, 2009: 1570.

Material examined. 1 ♂ "X-DA1628/ X-DA1628 China China: Yunnan prov., Mazhan env. Volcano Geological park, 1930 m 25°13.5'N, 98°30.0'E leg. J. Hajek & J. Ruzicka 6.VI.2007 Gynaecoserica sp China1" (ZFMK).

Distribution: Yunnan.

***Gynaecoserica yigongensis* Liu & Ahrens, 2014**

Gynaecoserica yigongensis Liu & Ahrens, 2014: 160.

Distribution: Xizang (Tibet).

genus *Lasioserica* Brenske, 1896

Lasioserica Brenske, 1896: 155 (type species *Serica nobilis* Brenske, 1894 by subsequent designation; Arrow 1946).
Orchiserica Miyake & Yamaya, 2001: 38 (type species *Lasioserica brevipilosa* Moser, 1919 by subsequent designation; Ahrens 2004).

***Lasioserica antennalis* Nomura, 1974**

Lasioserica antennalis Nomura, 1974: 83.

Distribution. Taiwan.

***Lasioserica beibengana* Liu & Ahrens, 2014**

Lasioserica beibengana Liu & Ahrens, 2014: 161.

Distribution. Xizang (Tibet).

***Lasioserica bipilosa* Ahrens, 1999**

Lasioserica bipilosa Ahrens, 1999: 70.

Material examined. 1 ex. "N. Vietnam, 1985, Tam dao, 3.-11.6. 900-1400m J. Jelinék leg." (NMPC), 4 ex. "N-Vietnam: Vinh Phu Prov. Tam Dao National Park, 950m, 5-12.VI.2010, L. Bartolozzi & S. Bambi legit (n° Mag. 2894)" (MZUF), 1 ex. "N-Vietnam Vinh Phuc Prov., vic. Tam Dao city, Tam Dao NP, 02.-5.V.2013, 21°27'N 105°38'E, 700-1000m, A. Skale" (CASH), 6 ex. "N-Vietnam Cao Bang Prov., vic. Tinh Tuc, Nui Pia Oac Nature Res., 13.V.2014, 22°36'50"N, 105°52'21"E 14-1800m leg. A. Skale" (CASH), 1 ♂ "X-DA3442 – Vietnam, N. Vietnam: Cao Bang Prov., Mt. Pia Oac, 1600-2000m (at light), 14-16.vi.2012, leg. L. Bartolozzi, S. Bambi, F. Fabiano, E. Orbach" (ZFMK), 1 ♀ "X-DA3441 – Vietnam, N. Vietnam: Cao Bang Prov., Mt. Pia Oac, 1600-2000m (at light), 14-16.vi.2012, leg. L. Bartolozzi, S. Bambi, F. Fabiano, E. Orbach" (MZUF).

Distribution. Vietnam.

***Lasioserica brevipilosa* Moser, 1919**

Lasioserica brevipilosa Moser, 1919: 332.

Material examined. 2 ex. „Coll. R.I.Sc.N.B. Chine/ Yunnan Fou/ Le Moult vendit" (ISNB), 1 ex. "China-Yunnan 28.5.-9.6.1994 Dali lgt. E. Kucera" (NMPC), 1 ex. (♂) "China-Yunnan 10.-15.6.1994 Lijiang lgt. E. Kucera" (NMPC), 1 ex. "China, W Yunnan prov., mts. 60Km E Tengchong, 2300m, 14.-19.v.2006 S. Murzin & I. Shokin leg." (CP), 3 ex. "China, W Yunnan prov., mts. 20km SW Baoshan, 2400m, 23.-25.v.2006, S. Murzin & I. Shokin leg." (CP), 4 ex. "China (Yunnan) Dali Bai Aut. Pref. Wuliang Shan, 9km SW Weishan, 2450-2500m, 25°10'14"N/ 100°14'22"E (sec. Oak/ pine for., beaten from trees and bushes) 13.VI.2007 D.W. Wrase [350]" (ZFMK), 1 ex. "China (Yunnan) Nujiang Lisu Aut. Pref. Nu Shan, 7km NNW Coajian 2420m 25°43'29"N/ 99°07'57"E (second. Pine forest with shrubs, litter, moss sifted) 11.VI.2007 D.W. Wrase [30]" (ZFMK), 1 ♂ "[China] Mts. Yulongshan, Lijiang, Yunnan, 4.VII.1962, leg. Song Shimei" (IZAS), 1 ♂ "[China] Mts. Yulongshan, Lijiang, Yunnan, 27,28.VI.1962, leg. Song Shimei" (IZAS), 1 ♂ "[China] Institue of Agricultural Sciences, Bijie, Guizhou, 20.VI.1978, leg. Yang" (IZAS), 1 ♂ "[China] Moxi, Luding, Sichuan, 19.VI.1983, 1500m,1600m, leg. Chen Yuanqing, Zhang Xuezhong, Wang Shuyong" (IZAS), 1 ♂ "[China] Yunnan, 2010-VIII-5, Dali, Cangshan, N:25.65140, E: 100.16907, H:2133m/ LW-1033" (IZAS), 1 ♂ "DA1424 China: Yunnan, Dali Bai Auton. Pref., Wuliang Shan, 9 km SW Weishan, 2450-2500 m/ oaks and pines, sifted 25°10'14"N, 100°14'22"E 13.VI.2007 leg. A. Pütz" (ZFMK), 1 ♂ "DA1425 China: Yunnan, Dali Bai Auton. Pref., Wuliang Shan, 9 km SW Weishan, 2450-2500 m/ oaks and pines, sifted 25°10'14"N, 100°14'22"E 13.VI.2007 leg. A. Pütz" (ZFMK), 1 ♀ "DA1423 China: Yunnan, Dali Bai Auton. Pref., Wuliang Shan, 9 km SW Weishan, 2450-2500 m/ oaks and pines, sifted 25°10'14"N, 100°14'22"E 13.VI.2007 leg. A. Pütz" (ZFMK),

Distribution. Sichuan, Guizhou, Yunnan.

***Lasioserica dragon* Miyake & Yamaya, 2001**

Lasioserica dragon Miyake & Yamaya, 2001: 36.

Material examined. 1 ♂ "China N-Yunnan 27°08'N 100°14'E Yulongshan mts. 2900-3500m Baishui vill. Leg. D. Kral 7-12.VI.90" (NMPC), 1 ♂ "[China] Yunnan, Lijiang, Yulongxueshan, 2011-V-17, N: 27.013, E: 100.206, 2750m/ LW-1062" (IZAS).

Distribution. Sichuan, Yunnan.

***Lasioserica kuatunica* Ahrens, 1996**

Lasioserica kuatunica Ahrens, 1996: 25.

Material examined. 2 ex. "Kuatun, Fukien China 25.5.46 leg. (Tschung-Sen.") (NMPC), 1 ex. "Kuatun, Fukien China 20.6.46 leg. (Tschung-Sen.") (NMPC), 2 ex. "Kuatun (2300m) 27,40n.Br. 117,40o.L. J. Klapperich 26.5. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC), 1 ex. "Kuatun (2300m) 27,40n.Br. 117,40o.L. J. Klapperich 3.5. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC), 1 ex. "Kuatun (2300m) 27,40n.Br. 117,40o.L. J. Klapperich 28.5. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC), 1 ex. "Kuatun (2300m) 27,40n.Br. 117,40o.L. J. Klapperich 8.6. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC),1 ex. "Kuatun (2300m) 27,40 n.Br. 117,40o.L. J. Klapperich 10.6. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC), 1 ex. "Kuatun (2300m) 27,40n.Br. 117,40o.L. J. Klapperich 16.6. 1938 (Fukien)/ ex. Coll. V. Balthasar National Museum Prague, Czech Republic" (NMPC), 3 ex. "China, W Fujian, 3.-4.VI. Emei Feng, 1200-1500m 27°01'N 117°04E Jaroslav Turna leg., 2008" (ZFMK), 1 ♂ "[China] Datianping, Mts. Fengyangshan, Longquan, 15.VI.1980, leg. Zeng Xuesong" (IZAS), 1 ♂ "[China] Mt. Wuyanling, Taishun, Zhejiang, 28.VII-3.VIII.2005, leg. Ba Yibin" (HBUM).

Distribution. Zhejiang, Fujian.

***Lasioserica kubani* Ahrens, 2000**

Lasioserica kubani Ahrens, 2000: 8.

Material examined. 1 ex. "China (Yunnan) Dali Bai Aut. Pref. Wuliang Shan, 9km SW Weishan, 2450-2500m, 25°10'14"N/ 100°14'22"E (sec. Oak/ pine for., beaten from trees and bushes) 13.VI.2007 D.W. Wrase [350]" (ZFMK), 1 ♂ "[China] Yunnan, Caiyanghe, Yunpan, 2011-V-22, N:22.65119, E:101.09917, 1633m/ LW-1181" (IZAS), 1 ♀ "839478 Lasioserica sp THAI_DE09_1 Thailand L. Dembicky 23-30.4.2009 Pha Hom Pok Mt. Chiang Mai Prov. 20°02'35"N 99°08'45"E 1900-2000m/ 839478" (ZFMK).

Distribution. Yunnan, Thailand.

Remarks. This species was originally described from Thailand and is for the first time recorded from China.

***Lasioserica meghalayana* Ahrens, 1999**

Lasioserica meghalayana Ahrens, 1999: 224.

Material examined. 1 ♂ "[China] Cangyuan, Yunnan, 21.V.1980, 1300m, leg. Li Hongxing" (IZAS), 1 ♂ "[China] Yunnan, Caiyanghe, Yunpan, 2011-V-22, N:22.65119, E:101.09917, 1633m/ LW-1182" (IZAS), 1 ♂ "[China] Cangyuan, Yunnan, 17.V.1980, 1100m, leg. Li Hongxing " (IZAS), 1 ♂ "[China] Mandian (Forest), Nabanhe Nature Reserve, Jinghong, Xishuangbannna, Yunnan, 26.IV.2009, 746m, leg. Meng LZ" (IZAS), 1 ♂, 1 ♀ "[China] Mandian (Forest), Nabanhe Nature Reserve, Jinghong, Xishuangbannna, Yunnan, 16.V.2009, 753m, leg. Meng LZ" (IZAS), 6 ex. "N-Vietnam – Lao Cai province, Van Ban district: Van Ban Nature Reserve (at light) (1000m) – 23.-26.V.2011/ L. Bartolozzi, S. Bambi, F. Fabiano, E. Orbach leg. (Num. Magazzino 2909)" (MZUF), 1 ♀ "China: Yunnan Province, Tengchong, 3.-6.VI.2007 near long-distance bus station, 25°00.3'N, 98°29.3'E, 1625m, leg. J. Hajek & J. Ruzicka [Ch 10]/ individually collected under lights of streets adjacent to mixed forest (from sunset to midnight)/ X-DA1629" (ZFMK).

Distribution. Yunnan, Vietnam, Laos, India, Myanmar.

Remarks. This species is for the first time recorded for Vietnam.

***Lasioserica oblita* Ahrens, 1996**

Lasioserica oblita Ahrens, 1996: 26.

Material examined. 1 ♂ "DA1411 China: Yunnan, Dehong Dai Aut. Pref., mountain range 31 km E Luxi, 2280/ m, secnd. pine forest with old decid. trees, litter sifted, 24°29'31"N, 98°52'58"E 3.VI.2007, A. Pütz/ X-DA1411" (ZFMK), 1 ♀ "DA1410 China: Yunnan, Dehong Dai Aut. Pref., mountain range 31 km E Luxi, 2280/ m, secnd. pine forest with old decid. trees, litter sifted, 24°29'31"N, 98°52'58"E 3.VI.2007, A. Pütz/ X-DA1411" (ZFMK), 1 ♀ "China Yunnan, Nujiang Lisu Aut.Pref., Nu Shan, 7 km NNW Coajian, 2420 m, second. pine forest with shrubs, litter, bark sifted, 25°43'29"N, 99°07'57"E, leg. A. Pütz 11.VI.2007/ DA1413" (ZFMK).

Distribution. Yunnan, Myanmar.

Remarks. The species was already recorded for China by Ahrens (2005).

***Lasioserica pacholatkoi* Ahrens, 2000**

Lasioserica pacholatkoi Ahrens, 2000: 17.

Distribution. Xizang (Tibet), Bhutan.

***Lasioserica tricuspis* Ahrens, 2000**

Lasioserica tricuspis Ahrens, 2000: 11.

Material examined. 1 ♂ "Defu, Napo, Guangxi, 18.VI.2000, 1350m, leg. Chen Jun" (IZAS)

Distribution. Guangxi, Laos, Thailand.

Remarks. This species was originally described from northern Thailand and Laos and is for the first time recorded for China.

***Lasioserica tuberculiventris* Moser, 1915**

Lasioserica tuberculiventris Moser, 1915: 118.

Material examined. 1 ex. (♂) "China W Sichuan Kangding 2500 m Rejsek 16.6.1995" (ZFMK), 1 ex. (♂) "Mt. Omei Szechuan, China VII-13-32 Franck coll./ F.C. Hadden Collection" (BPBM), 3 ex. "China: N-Yunnan Baiyungshan (Bai Railing Mts.) 2400 m Yong Ren, VII-2003 leg. Ying et al." (ZFMK), 2 ♂♂, 2 ♀♀ "[China] Shiping, Fengdu, Sichuan, 2,3.VI.1994, 610m, leg. Zhang Youwei" (IZAS), 1 ♂, 1 ♀ "[China] Moxi, Luding, Sichuan, 19.VI.1983, 1600m, leg. Chen Yuanqing, Wang Shuyong" (IZAS), 2 ♂♂, 2 ♀♀ "[China] Shiping, Fengdu, Sichuan, 2.VI.1994, 610m, leg. Zhang Youwei" (IZAS), 1 ♂ "[China] Mt. Leigongshan, Guizhou, 15.VII.1983, leg. Chen Zhenguang, No. En-045848" (SYUG).

Distribution. Shandong, Sichuan, Guizhou, Yunnan.

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