

Further data on the distribution of Himalayan Sericini from the collection of the Naturkundemuseum Erfurt (Insecta: Coleoptera: Scarabaeidae) with description of a new *Xenosericica* from West-Nepal

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Abstract

The present paper examines the material collected by the Naturkundemuseum Erfurt in the last years during the expeditions to Nepal. The new record data on the distribution of 36 species of the Himalayan Sericini found are given, and one new species, *Xenosericica matthiasi* sp. n. is described as new.

Zusammenfassung

Die vorliegende Arbeit untersucht das vom Naturkundemuseum Erfurt auf den letzten Expeditionen in Nepal gesammelte Material. Es werden die neuen Fundortdaten der 36 nachgewiesenen Arten aufgelistet und im Kontext der Gesamtverbreitung diskutiert, eine weitere Art wird neu beschrieben: *Xenosericica matthiasi* sp. n.

Key words: Nepal, Pakistan, chafers, new record data, *Xenosericica*

Introduction

The taxonomy and distribution of Himalayan Sericini have been revised and reviewed in several previous works (AHRENS 1995a – 2006, AHRENS & SABATINELLI 1996). In addition, many new species have been subsequently described from Nepal, the eastern Himalaya, and the mountains of Yunnan and Myanmar (AHRENS & FABRIZI 2009, 2011).

In the course of a six weeks internship in the Zoological Research Museum A. Koenig (ZFMK), J. S. had an opportunity to examine additional material of the Naturkundemuseum Erfurt (NME). The results of the study of these specimens are presented here.

Material and methods

For identification, genitalia of all male specimens were dissected and glued on a carton attached to the specimen. The principal terminologies and methods used for measurements, specimen dissection and genital preparation are described in detail in AHRENS (2004). The examined material is cited with the original label contents given in quotation marks, multiple labels are separated by a “/”. The species are referred here in alphabetical order. All specimens are deposited in the Naturkundemuseum Erfurt (NME).

New records

Amiserica costulata (Frey, 1969)

Material examined. 3 ex. “Nepal Mechi/Taplejung, 32km NE Taplejung, way before Gyabla, 2410m 27°34'58"N, 87°52'17"E, 8.5.2003, leg. A.Weigel” (NME).

Amiserica krausei Ahrens, 2004

Material examined. 2 ex. “Nepal P: Karnali D: Jumla Bhiunaula, N29°23'50”, E82°09'08”, 2770m NN. Hoffmann #49” (NME), 1 ex. “Nepal P: Bagmati D: Lalitpur, Kathmandu valley, Sundarijal wooded slope, 1425m N27°45'46”, E85°25'68”, 11.6.2011 leg. J. Küßner, #67” (NME), 1 ex. “Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700–2400m 11.06.2007 leg. J. Weipert” (NME).

Chrysoserica stebnickae Ahrens, 2001

Material examined. 1 ex. “Nepal, P Narayan/ D: Chitwan 7 km NW Sauraha, 180 m, (20000 lakes) N27°36'44”, E84°26'34”, 07.VII.2009, leg. A. Kopetz (community forest)” (NME).

***Gynaecoserica varipennis* ssp. *varipennis* (Moser, 1916)**

Material examined. 1 ex. “Nepal Mechi/Taplejung 20km NEE Taplejung, env. Phumphe, 1850m 27°24'28"N, 87°51'46"E 24.5.2003 leg. A. Weigel" (NME), 2 ex. „Nepal P: Mechi D: Taplejung, 20–15km E Taplejung, Phumphe to Khesewa 1900–2200m, 27°22'30"N, 87°48'54"E, 25.V.2003, decidous forest, leg. A. Weigel“ (NME).

***Lasioserica maculata* ssp. *maculata* (Brenske, 1894)**

Material examined. 7 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39'44", E81°20'54", 2000m, 27./28.VI.2009 leg. A. Kopetz #35" (NME), 3 ex. “Nepal, P: Seti/D: Bajhang, 26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30", E81°21'24", 2200m, 25.VI.2009 leg. A. Kopetz terrace fields #31" (NME), 1 ex. “Nepal, P: Seti/D: Bajhang, way Ghatganga, Khola SW Shima (N29°43'16", E81°23'04") to NE Shima (N29°44'51", E81°23'04"), 2000–2300m, 19.VI.2009 leg. A. Kopetz riverside #21" (NME), 2 ex. „Nepal P: Seti/ D: Bajhang, 12 km NE Chainpur, Talkot Gad S of Talkot, N29°36'17", E81°17'54", 1400m, 16.VI.2009 leg. A. Kopetz #11“ (NME), 1 ex. „Nepal P: Seti/ D: Bajhang, 12 km NE Chainpur, Talkot Gad S of Talkot, N29°36'17", E81°17'54", 1400m, 28.VI.2009 leg. A. Kopetz riverside #37“ (NME).

***Lasioserica maculata* ssp. *jiriana* Ahrens, 1996 x ssp. *galadrielae* Ahrens, 1996**

Material examined. 3 ex. “Nepal P: Mechi D: Taplejung, 20–15km E Taplejung, Phumphe to Khesewa 1900–2200m, 27°22'30"N, 87°48'54"E, 25.5.2003, decidous forest, leg. A. Weigel" (NME).

Remarks. According to aedeagus morphology, the specimens found seem to belong to a hybrid form between *Lasioserica maculata jiriana* Ahrens, 1996 and *L. maculata galadrielae* Ahrens, 1996.

***Lasioserica nepalensis* Ahrens, 1996**

Material examined. 2 ex. “Nepal P: Seti D: Bajhang, way 20km NE Chainpur, Dogaira Khola, (N29°40'53" E81°20'44") to Dhalaun N29°42'06", E81°22'01" 1850–2600 18.VI.2009 leg. M. Hartmann, #17" (NME), 5 ex. “Nepal, P: Seti/D: Bajhang, 26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30",

E81°21'24", 2200m, 25.VI.2009 leg. A. Kopetz terrace fields #31" (NME), 9 ex. “Nepal, P: Seti/D: Bajhang, 26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30", E81°21'24", 2200m, 18.VI.2009 leg. A. Kopetz terrace fields #19" (NME), 2 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39'44", E81°20'54", 2000m, 27./28.VI.2009 leg. A. Kopetz #35" (NME), 1 ex. „Nepal P: Seti/ D: Bajhang, 12 km NE Chainpur, Talkot Gad S of Talkot, N29°36'17", E81°17'54", 1400m, 28.VI.2009 leg. A. Kopetz riverside #37“ (NME).

***Lasioserica silkae* Ahrens, 1996**

Material examined. 3 ex. “Nepal P: Mechi D: Taplejung, 20–15km E Taplejung, Phumphe to Khesewa 1900–2200m, 27°22'30"N, 87°48'54"E, 25.V.2003, decidous forest, leg. A. Weigel" (NME), 1 ex. “Nepal Mechi/Taplejung, 32km NE Taplejung, way before Gyabla, 2410m 27°34'58"N, 87°52'17"E, 8.V.2003, leg. A. Weigel" (NME).

***Maladera affinis* (Blanchard, 1850)**

Material examined. 4 ex. “Nepal P: Narayani D: Chitwan Sauhara hotel Riverside, 190m NN 26.6.–2.7.2011, LF N27°34'55", E84°29'58" leg. M. Hartmann, #54" (NME), 1 ex. “Nepal, Narayani Sauraha, Chitwan NP offenes Grassland Elephanten-Ges. e.4.2007, leg. J. Küßner" (NME), 2 ex. “Nepal, Narayani Dist. Chitwan, Sauraha vill. 160 m 27.3.5 N84.30E [GPS] env. 09., 17. VII.2009 NME Expedition" (NME), 1 ex. “Nepal, P: Narayani Chitwan, Gunganagar 9.5.2005, LF leg. D. Ahrens" (NME), 1 ex. “Nepal, P: Narayani Sauraha, Rapti Ufer LF, 150m NN, 16.-18.6.2007, leg. M. Hartmann 27°34'29"N, 84°29'55"E" (NME), 1 ex. “Nepal, P: Narayani, D: Sauraha, Rapti River nr. Hotel “Riverside”, N27°34'29", E84°29'55" 160 m NN 06.–08. VI.2009, leg. A. Kopetz, #66" (NME).

***Maladera cardoni* (Brenske, 1896)**

Material examined. 1 ex. “Nepal Prov. Mahakali 29°44'01"N, 80°46'00"E, Latinath Flußufer 1100m; 2.6.2005 leg. J. Weipert" (NME), 1 ex. “NW-Pakistan, Prov. Swat 71°90'1/35°70'B Madyan, 1400m, am Licht, 19.6.-4.7.1971, leg. C. Holzschuh" (NME).

***Maladera dierli* (Fery, 1969)**

Material examined. 4 ex. “Nepal, P: Seti/D: Bajhang,

26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30", E81°21'24", 2200m, 18.VI.2009 leg. A. Kopetz terrace fields #19" (NME).

***Maladera insanabilis* (Brenske, 1894)**

Material examined. 7 ex. "Nepal Prov. Bheri D: Banke Nepalgunj Hotel Kitchen Hut 140m NN, N28°04'97", E81°38'56", on light 23.-25.6.2011 leg. M. Hartmann # 02" (NME), 1 ex. "Nepal, P: Narayani, D: Sauraha Hotel Riverside, 190 m NN 26.VI.-2. VII.2011, LF N27°34'55", E84°29'58" leg. M. Hartmann, #54" (NME), 1 ex. "Nepal, Prov. Bheri D: Banke, Nepalgunj Hotel Kitchen Hut 140 m NN, N28°04'97"E81°38'56", on light 23.-25.06.2011 leg. M. Hartmann #02" (NME).

***Maladera marginella* (Hope, 1831)**

Material examined. 1 ex. "Nepal, P Narayani Sauraha 7 km NW 180 m NN, 18.VI.2007 27°36'44"N, 84°26'34"E 20000 lakes, sal forest leg. M. Hartmann (NME), 2 ex. "Nepal P: Seti/ D: Bajhang way Talkot (N29°36'23", E81°18'04") to Chainpur (N29°33'04", E81°11'44") 1800-1200m, 29.VI.2009 leg. A. Kopetz riverside" (NME).

***Maladera simlana* (Brenske, 1902)**

Material examined. 1 ex. "Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700-2400m 11.06.2007 leg. J. Weipert" (NME), 1 ex. "Nepal Prov. Karnali 29°08'46"N, 82°05'42"E Tamti Umgebung 2700 m; 10.6.2007 leg. J. Weipert" (NME), 5 ex. "Nepal P: Karnali D: Jumla Jumla Hotel nr. airport, N29°16'E82°11', 2350m NN 22.6.2011, LF leg. M. Hartmann" (NME), 3 ex. „Nepal P: Seti/ D: Bajhang, 12 km NE Chainpur, Talkot Gad S of Talkot, N29°36'17", E81°17'54", 1400m, 16.VI.2009 leg. A. Kopetz #11" (NME) .

***Maladera siwalikiana* Ahrens, 2004**

Material examined. 9 ex. "Nepal P: Narayani D: Chitwan Sauhara Hotel Riverside, 190m NN 26.VI.-2. VII.2011, LF N27°34'55", E84°29'58" leg. M. Hartmann, #54" (NME), 3 ex. "Nepal, P: Narayani, D: Sauraha, Rapti River nr. Hotel "Riverside", N27°34'29", E84°29'55" 160 m NN 06.-08.VI.2009, leg. A. Kopetz, #66" (NME), 1 ex. "Nepal Narayani Dist. Chitwan Sauraha vill. 160m 27.3.5N 84.30E [GPS] env. 9.-17.VII.2009 NME Expedition" (NME), 3 ex.

"Nepal P: Narayani Sauraha, Rapti Ufer LF,150m NN, 16.-18.6.2007, leg. M. Hartmann 27°34'29"N, 84°29'55"E" (NME).

***Maladera thomsoni* (Brenske, 1894)**

Material examined. 14 ex. "NW-Pakistan, Swat Provinz 35°70'N 71°90'E, 1400m Madyan, 19.6.-4.7.1971 leg. C. Holzschuh" (NME).

***Maladera quinquidens* (Brenske, 1896)**

Material examined. 1 ex. "Nepal, Prov. Karnali Tamti bis Sukri Bheri-Khola-Tal 2700-2400 m 11.VI.2007 leg.: J. Weipert" (NME).

***Maladera weigeli* Ahrens, 2004**

Material examined. 1 ex. "Nepal, P: Seti/D: Bajhang, 26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30", E81°21'24", 2200m, 18.VI.2009 leg. A. Kopetz terrace fields #19" (NME).

***Microserica marginipes* (Brenske, 1896)**

Material examined. 3 ex. "Nepal P: Mechi D: Taplejung, 20-15km E Taplejung, Phumphe to Khesewa 1900-2200m, 27°22'30"N, 87°48'54"E, 25.V.2003, deciduous forest, leg. A. Weigel" (NME).

***Microserica pruinosa* Ahrens, 1998**

Material examined. 1 ex. "Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700-2400m 11.06.2007 leg. J. Weipert" (NME), 1 ex. "Nepal, P: Karnali D: Mugu, Gorusingha N29°27'51", E82°02'03", 3300m NN, 15.VI.2011, leg. M. Hartmann pasture/medows & mixed forest, #23" (NME), 2 ex. "Nepal P: Karnali D: Jumla, Tamti, N Camp leg. M. Hartmann"29°08'46"N, 82°05'42"E, 2700m 10.06.2007, meadow leg. M. Hartmann" (NME).

***Microserica schulzei* Ahrens, 1998**

Material examined. 2 ex. "Nepal Prov. Bagmati Kathmandu, Shivapuri Conservation Area 1400-1500m 23.VI.2005, leg. J. Weipert" (NME), 1 ex. „Nepal P: Seti/ D: Bajhang, way 19km NE Chainpur (N29°39'44", E81°20'54") to Talkot (N29°36'23", E81°18'04"), 2000-1800m, 28.VI.2009 leg. A. Kopetz #36" (NME), 1 ex. „Nepal P: Seti/ D: Bajhang, 24 km NE Chainpur vic. Dhalaun N29°42'05", E81°22'04"), 2400-2600m, 26.VI.2009 leg. A. Kopetz #34" (NME).

***Nepaloserica jumlaica* Ahrens, 1999**

Material examined. 4 ex. “Nepal, Prov. Karnali Umgebung Churta 3000–3400m 4.6.2007 leg.: J. Weipert” (NME), 4 ex. “Nepal P: Karnali D: Jumla Churta, E bis Churta, 3500–3000m NN, 4.V.2007, leg. M. Hartmann” (NME), 2 ex. „Nepal P: Karnali Jumla D, Gotzhichaur valley forest camp, 2850m NN, 6.VI.2007, 29°11'54"N, 82°18'36"E, leg. M. Hartmann, LF+HF“ (NME), 3 ex. „Nepal, Prov. Karnali Churta Lager W bis Gotzhichaur Hochtal 3000–2800m 5.VI.2007 leg.: J. Weipert“ (NME).

***Oxyserica pygidialis* ssp. *pygidialis* Brenske, 1900**

Material examined. 2 ex. “Nepal Prov. Bagmati Kathmandu, Shivapuri Conservation Area 1400–1500m 23.6.2005, leg. J. Weipert” (NME), 1 ex. “Nepal Annapurna Mts., Kali Gandaki valley, Tuckuche Schotterbank, m.4.2007, leg. J. Küßner” (NME), 1 ex. “Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700–2400m 11.06.2007 leg. J. Weipert” (NME), 1 ex. “Nepal, P: Karnali, D: Jumla, ca. 3km NW, N29°19'20", E82°10'60", 2875m NN, leg. M. Hartmann 12.6.2011, #06" (NME), 1 ex. “Nepal, 60 km W Kathmandu, Trishuli Nadi, Schotterbank 25.IV.2007 leg. J. Küßner“ (NME), 8 ex. „Nepal P: Seti/ D: Bajhang way Talkot (N29°39'30", E81°18'04"), to N of Lokanda village (N29°39'30", E81°18'04"), 1400–2000m, 16.VI.2009 leg. A. Kopetz different forest #12“ (NME), 1 ex. „Nepal P: Seti/ D: Bajhang, 24 km NE Chainpur vic. Dhalaun N29°42'05", E81°22'04"), 2400–2600m, 26.VI.2009 leg. A. Kopetz #34" (NME), 5 ex. „Nepal P: Seti / D: Bajhang, way 19km NE Chainpur (N29°39'44", E81°20'54") to Talkot (N29°36'23", E81°18'04"), 2000–1800m, 28.VI.2009 leg. A. Kopetz #36“ (NME).

***Pachyserica gracilis* Ahrens, 2004**

Material examined. 1 ex. „Nepal P: Seti/ D: Bajhang way Sagu Bagar (N29°34'44", E81°13'44") to before Talkot (N29°36'17", E81°17'54"), 1300–1400m, 15.VI.2009 leg. A. Kopetz different forest #10" (NME), 1 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39'44", E81°20'54", 2000m, 27./28.VI.2009 leg. A. Kopetz #35" (NME), 1 ex. „Nepal P: Seti/ D: Bajhang way Talkot (N29°39'30", E81°18'04"), to N of Lokanda village (N29°39'30", E81°18'04"), 1400–2000m, 16.VI.2009 leg. A. Kopetz different forest #12" (NME).

***Pachyserica himalayensis* Ahrens, 2004**

Material examined. 1 ex. “India, West Bengalen Distr. Darjeeling, Kalimpong, Khani Busty, 23.4.1991 900m NN, leg. N. Dangal” (NME).

***Pachyserica marmorata* (Blanchard, 1850)**

Material examined. 1 ex. “Nepal P: Karnali way Jumla Kot (N29°22'83", E82°04'50") to Hatsinja (N29°24'64", E82°01'17") 2840–2470m, 14.6.2011, leg. Küßner, #18" (NME), 1 ex. “Nepal Prov. Karnali 29°08'46"N, 82°05'42"E Tamti Umgebung 2700 m; 10.VI.2007 leg.: J. Weipert” (NME), 1 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39'44", E81°20'54", 2000m, 27./28.VI.2009 leg. A. Kopetz #35" (NME), 2 ex. “Nepal, P: Seti/D: Bajhang, 29km NE Chainpur, Ghatganga Khola, N29°44'51", E81°23'04", 2300m, 19.VI.2009 leg. A. Kopetz riverside #22" (NME), 3 ex. “Nepal, P: Seti/D: Bajhang, 26km NE Chainpur, vic. Shima village, Ghatganga Khola, N29°43'30", E81°21'24", 2200m, 18.VI.2009 leg. A. Kopetz terrace fields #19" (NME).

***Pachyserica nepalica* Ahrens, 2004**

Material examined. 2 ex. “Nepal Mechi/Taplejung 20km NEE Taplejung, env. Phumphe, 1850m 27°24'28"N, 87°51'46"E 24.V.2003 leg. A. Weigel" (NME).

***Pachyserica olafi* Ahrens, 2004**

Material examined. 1 ex. “Nepal P: Mechi D: Taplejung, 20–15km E Taplejung, Phumphe to Khesewa 1900–2200m, 27°22'30"N, 87°48'54"E, 25.V.2003, deciduous forest, leg. A. Weigel" (NME).

***Pachyserica pellingensis* Ahrens, 2004**

Material examined. 1 ex. “Nepal Mechi/ Taplejung 24km NE Taplejung, 1550m Sekathum, Camp 27°32'10"N, 87°48'29"E, 6.5.2003, leg. A. Weigel" (NME).

***Serica eberti* (Frey, 1969)**

Material examined. 1 ex. “Nepal P: Karnali Jumla D, Gotzhichaur valley forest camp, 2850m NN, 6.6.2007, 29°11'54"N, 82°18'36"E, leg. M. Hartmann, LF+HF" (NME), 1 ex. “Nepal P: Karnali D: Jumla, Syaule, N29°21'32" E82°05'59", 3260m NN 13.VI.2011, meadow, on light leg. M. Hartmann" (NME), 1 ex. “Nepal-Prov. Karnali Umgebung Churta 3000–3400m 4.VI.2007 leg.: J. Weipert” (NME), 1 ex. „Nepal Prov.

Karnali Gothichaur bis Lager W Churta; 30.V.2007 2800–3000m leg.: J. Weipert“ (NME).

***Serica guidoi* Ahrens, 1999**

Material examined. 1 ex. “Nepal P: Mechi D: Taplejung, 20–15km E Taplejung, Phumphe to Khesewa 1900–2200m, 27°22’30”N, 87°48’54”E, 25.V.2003, deciduous forest, leg. A. Weigel” (NME), 1 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39’44”, E81°20’54”, 2000m, 27./28.VI.2009 leg. A. Kopetz #35” (NME).

***Serica karnaliensis* Ahrens, 1999**

Material examined. 5 ex. “Nepal, Prov. Karnali Churta Lager W bis Gothichaur Hochtal 3000–2800m 5.6.2007 leg.: J. Weipert” (NME), 5 ex. “Nepal Prov. Karnali Umgebung Churta 3000–3400m 4.6.2007 leg.: J. Weipert” (NME), 7 ex. “Nepal Prov. Karnali 29°08’46”N, 82°05’42”E Tamti Umgebung 2700 m; 10.VI.2007 leg.: J. Weipert” (NME), 1 ex. „Nepal P: Karnali D: Jumla, Tamti, N Camp leg. M. Hartmann, 29°08’46”N, 82°05’42”E, 2700m 10.VI.2007, meadow leg. M. Hartmann“ (NME), 5 ex. „Nepal P: Karnali D: Jumla, Syaule, N29°21’32“ E82°05’59“, 3260m NN 13.VI.2011, meadow, on light leg. M. Hartmann” (NME), 3 ex. “Nepal P: Karnali D: Jumla Churta, E bis Churta, 3500–3000m NN, 4.5.2007, leg. M. Hartmann“ (NME), 1 ex. „Nepal P: Karnali Jumla D,Gotzhichaur valley forest camp, 2850m NN, 6.VI.2007, 29°11’54”N, 82°18’36”E, leg. M. Hartmann, LF+HF“ (NME).

***Serica khaijiaris* Mittal, 1988**

Material examined. 1 ex. “Nepal P: Karnali D: Jumla Jumla Hotel nr. airport, N29°16’E82°11’, 2350m NN 22.6.2011, LF leg. M. Hartmann” (NME), 1 ex. “Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700–2400m 11.06.2007 leg. J. Weipert” (NME), 14 ex. “Nepal, P: Seti/D: Bajhang, 19km NE Chainpur, Losani Khola, N29°39’44”, E81°20’54”, 2000m, 27./28.VI.2009 leg. A. Kopetz #35” (NME), 8 ex. “Nepal, P: Seti/D: Bajhang, 29km NE Chainpur, Ghatganga Khola, N29°44’51”, E81°23’04”, 2300m, 19.VI.2009 leg. A. Kopetz riverside #22” (NME).

***Serica nepalensis* Frey, 1969**

Material examined. 1 ex. “Nepal Dhaulagiri Mts. upp. Marang Khola Vail, 28°29’50”N, 83°27’37”E, 2500–2700m, 16.5.2009 leg. J. Schmidt” (NME).

***Serica pommeranzi* Ahrens, 1999**

Material examined. 3 ex. “Nepal, Prov. Karnali Churta Lager W bis Gothichaur Hochtal 3000–2800m 5.6.2007 leg.: J. Weipert” (NME), 1 ex. “Nepal P: Karnali D: Jumla way Churchi Lagna (N29°28’10” E82°07’85”) to Bulbule (N 29°27’16” E82°08’11”), 3450–3250m NN 20.6.2011, riverdale leg. J. Küßner, #42” (NME).

***Serica thibetana* Brenske, 1897**

Material examined. 19 ex. “Nepal, Prov. Karnali Churta Lager W bis Gothichaur Hochtal 3000–2800m 5.VI.2007 leg.: J. Weipert” (NME), 1 ex. “Nepal Prov. Karnali Gothichaur bis Lager W Churta; 30.V.2007 2800–3000m leg.: J. Weipert” (NME), 1 ex. “Nepal Prov. Karnali 29°08’46”N, 82°05’42”E Tamti Umgebung 2700 m; 10.6.2007 leg.: J. Weipert” (NME), 2 ex. „Nepal P: Karnali D: Jumla, Syaule, N29°21’32“ E82°05’59“, 3260m NN 13.VI.2011, meadow, on light leg. M. Hartmann“ (NME), 1 ex. „Nepal P: Karnali D: Jumla way Churchi Lagna (N29°28’10“ E82°07’85“) to Bulbule (N 29°27’16“ E82°08’11“), 3450–3250m NN 20.VI.2011, riverdale leg. J. Küßner, #42“ (NME), 1 ex. „Nepal P: Karnali D: Mugu way Bulbule (N29°27’16“ E82°08’11“) to Chautha (N2925°70“ E82°6’87“) 3250–3240m, 21.VI.2011, leg. J. Küßner#45“ (NME), 1 ex. „Nepal P: Karnali Jumla D,Gotzhichaur valley forest camp, 2850m NN, 6.VI.2007, 29°11’54”N, 82°18’36”E, leg. M. Hartmann, LF+HF“ (NME), 1 ex. „Nepal Taplejung Fulbari Kharka 3–3100m 17.6.2011 leg. S.Tamang 27°26’27”N 87°47’07”E” (NME), 1 ex. “Nepal Prov. Karnali Tamti bis Surki Bheri Khola-Tal 2700–2400m 11.06.2007 leg. J. Weipert“ (NME).

***Sericania mela* Ahrens, 2004**

Material examined. 1 ex. “Nepal Manaslu Mts. S of Bara Pokhari 2000–2200m NN 29.6.2005, 28°15’N, 84°25’E, leg. J. Schmidt” (NME).

New Taxa

***Xenosericia matthiasi* sp. n.**

Type material examined. Holotype: ♂ "Nepal P: Seti D: Bajhang, 34km NE Chainpur, Ghatganga Khola, nr. Sapdule Dobhan N29°46’32" E81°25’24", 2950m 20.6.2009, leg. M. Hartmann, forest, #24" (NME). Paratype: 1 ♂ “Nepal Seti/Doti 20 km SSW Chainpur,

Khaptad-NP Tribeni, Lukause Khola/ N29°22'27", E81°08'14" 3000m, 02.VII.2009, river vall., leg. A. Weigel LF #43" (ZFMK).

Description. Length: 11.2 mm, length of elytra: 8.4 mm, width: 5.5 mm. Body oblong, dark reddish brown, elytral striae reddish, antenna yellow, dorsal surface dull, except a few short setae on elytra glabrous. Labroclypeus almost square, long and moderately wide, widest at base, lateral margins slightly convex and moderately convergent to weakly rounded anterior angles, lateral border and ocular canthus produce a distinct angle, margins weakly reflexed, anterior margin shallowly sinuate medially; surface flat and shiny, finely and not densely punctate, with a few long, erect hairs in coarser punctures behind the anterior margin; frontoclypeal suture distinctly incised and evenly curved; smooth area in front of eye approximately twice as wide as long; ocular canthus long and slender, very finely and sparsely punctate, with two fine terminal setae. Frons dull, with fine and sparse punctures and a few short setae at centre, behind the frontoclypeal suture and beside eyes with a few long erect setae. Eyes large, ratio of diameter/ interocular width: 0.8. Antenna yellowish brown, composed of ten antennomeres; club with three antennomeres, 1.5 times as long as the remaining antennomeres combined, weakly reflexed apically. Mentum convexly elevated anteriorly.

Pronotum moderately wide, widest at base, lateral margins slightly concave in posterior third, evenly curved and distinctly narrowed anteriorly, anterior angles very little produced and blunt, distinctly rounded in the tip, posterior angles blunt and moderately rounded, anterior margin convexly produced medially, broad marginal line complete, basal margin without marginal line; surface with moderately dense and fine punctures, on sides with microscopic setae in the punctures, otherwise glabrous; anterior and lateral borders densely setaceous; hypomeron distinctly carinate at base, not produced ventrally. Scutellum narrow and long, sharp at apex, with fine and dense punctures, glabrous.

Elytra oblong, widest in posterior third, striae distinctly impressed and finely and densely punctate, intervals flat and sparsely punctate, odd intervals with some fine setae; epipleural edge robust, ending at the strongly curved external apical angle of elytra, epipleura densely setaceous, apical border membranous, with a narrow rim of short microtrichomes.

Ventral surface dull, with large and dense punctures, sparsely and shortly setose, setae partly adjacent; metacoxa entirely covered with very fine, long adjacent setae; each abdominal sternite with a distinct transversal row of coarse punctures bearing short setae between fine and moderately dense punctation. Mesosternum between mesocoxae almost half as wide as mesofemur, with irregularly scattered fine setae. Ratio of length of metepisternum/ metacoxa: 1/ 1.27. Pygidium strongly convex, finely and moderately densely punctate, with a wide smooth and slightly impressed midline, punctures with sparse, long setae, otherwise only with minute setae, apical margin glabrous.

Legs very slender and long; femur with two longitudinal rows of hairs, finely and sparsely punctate; metafemur ventrally dull, sharply margined anteriorly and without a submarginal serrated line, posterior margin straight, with a few long setae medially, not widened externally in apical half and ventrally and dorsally not serrated. Metatibia very slender and long, abruptly widened at apex, ratio width/ length: 1/ 4.9, dorsally weakly carinate, with two groups of spines, the basal group of spines at first third, apical one at three quarters of metatibial length, basally with a few single fine spines in punctures; external face longitudinally convex, with very fine and sparse punctures; ventral margin very finely serrated, with four fine, equally spaced long setae, medial face with a few coarse punctures, apex interiorly near tarsal articulation concavely truncate. Tarsomeres dorsally smooth and glabrous, ventrally with evenly spaced, short setae; metatarsomeres ventrally with a strongly serrated ridge, and with a fine longitudinal carina immediately beside it; first metatarsomere slightly longer than the following tarsomere and one third of its length longer than the upper tibial spur. Prothibia long, bidentate, protarsal claws symmetrical, basal tooth of inner protarsal claw bluntly truncate apically. Aedeagus: Fig. 1A-C.

Diagnosis. The new species is very similar to *X. pindarensis* (Ahrens, 2000) in external morphology and shape of aedeagus, however, it differs distinctly by the apex of parameres being not reflexed outward but both parameres are evenly convergent.

Etymology. We dedicate this new species to its collector Matthias Hartmann (NME).

Updated key to males of *Xenosericia* Ahrens, 2005:

- 1 Parameres with a symmetric basal appendage. 2
- 1' Parameres without a symmetric basal appendage. ***X. selaensis* Ahrens & Fabrizi, 2009**
- 2 Eyes small, ratio ocular diameter/interocular width: 0.64 – 0.5. Parameres apically sharply pointed. Metatibia moderately long, ratio width/ length: 1/ 3.75–3.9. 3
- 2' Eyes large, ratio ocular diameter/interocular width: 0.81. Parameres apically weakly rounded. Metatibia long, ratio width/ length ~ 1/ 4.9. 4
- 3 Dorsal surface reddish brown and dull. Antennal club distinctly longer than the remaining antennomeres combined. Wings fully developed. ***X. sindhensis* (Ahrens, 2000)**
- 3' Dorsal surface blackish and shiny. Antennal club as long as the remaining antennomeres combined. Wings reduced in length. ***X. brachyptera* Ahrens, 2005**
- 4 Parameres apically reflexed outward. ***X. pindarensis* (Ahrens, 2000)**
- 4' Parameres apically narrowed. ***X. matthiasi* sp. n.**

Discussion

AHRENS (2004b) has summarised the detailed distribution of Sericini in the Himalaya so far known, with detailed reference to the various regions along the East-West climatic gradient (including Indus-Himalaya, Punjab-Himalaya, Gharwal-Himalaya from Uttar Pradesh, West- Nepal, western central-Nepal, eastern central-Nepal, east-Nepal/west-Sikkim, east-Sikkim/ Bhutan, Assam-Himalaya to Tibetan Himalaya). Along the newly discovered species, the new records presented in this paper widely confirm the distributions stated there, except for *Maladera cardoni*, for which we found one new record from province Mahakali for West-Nepal. *Maladera cardoni* has been found so far in all regions in the Himalayan range except in West-Nepal. The genus *Xenosericia* was established based on a phylogenetic analysis of AHRENS (2005) and the species known so far are only patchily distributed in the Himalaya (AHRENS 2000c, 2005, AHRENS & FABRIZI 2009). The new species, *X. matthiasi*, from western Nepal closes the large gap between the occurrence in the Uttar Pradesh (*X. pindarensis*) and the Dhaulagiri Himal in central Nepal (*X. brachyptera*).

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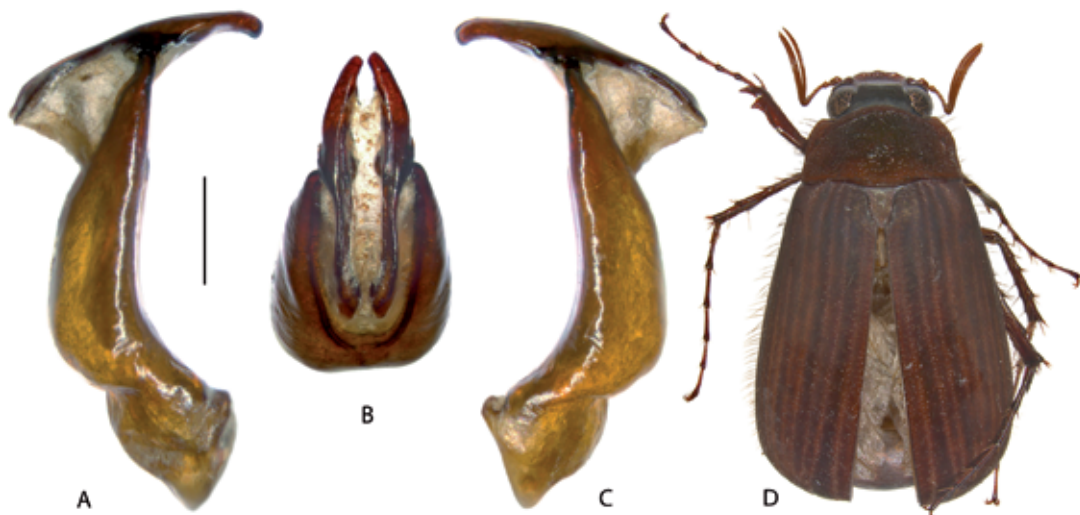


Figure 1. A–D: *Xenoserica matthiasi* sp. n. (holotype): **A** – aedeagus, left side lateral view; **B** – parameres, dorsal view; **C** – aedeagus, right side lateral view; **D** – habitus (not to scale). Scale bar = 0.5 mm.

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