

NEW OR INTERESTING RECORDS OF LONGHORN BEETLES FAUNA OF PAKISTAN (COLEOPTERA: CERAMBYCIDAE)

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ABSTRACT: This paper is an updating of the knowledge of the Cerambycidae fauna of Pakistan. We include some species preserved in the collection of the Department of Zoology of Kotli University, Pierpaolo Rapuzzi (private collection) and Dmitry Kuleshov (private collection). We list 56 species of Cerambycidae from Pakistan and Azad Kashmir; 15 of them are listed for the first time for Pakistan and for others species we give new localities. One new record for Turkey is given. This paper is only a preliminary study on the composition of the Pakistani fauna of Cerambycidae. It is evident how rich should be this country and many new records and new species are expected. For each species we provide the reference of the original description and its type locality, the general distribution of the species is given according the most recent literature.

KEY WORDS: Cerambycidae, distribution, new records, Azad Kashmir, Pakistan, Turkey

Pakistan is a very large country, with a lot of different habitats from the alpine areas of the North to the desert of the South. Thanks to this high number of different habitats the biodiversity of Pakistan is one of the most interesting in the Palearctic area. The Cerambycidae is one of the largest family in the Coleoptera order.

Cerambycidae comprises more than 36000 species within 1500 genera in 8 subfamilies (Monné et al., 2017). The comprehensive systematic information of the Cerambycidae of Indian sub- continent was first attempted by Gahan in the 1906 (but his study missed subfamily Laminae). In this fauna, very few localities from Pakistan are mentioned. Later, Stebbing (1914) and Beeson (1941) reported the species with their biology and economic value of trees from Indian sub-continent. The taxonomy of Cerambycidae of Pakistan is poorly studied. Holzschuh (1974, 1981, 1982, 1983, 1984) described various new genus and new species from Pakistan. Recently, Kariyanna et al. (2017) updated checklist of longhorn beetles of India in which they listed 1536 species from India. In Pakistan, only two inventories were made by Chaudhry et al. (1966) and Hashmi & Tashfeen (1992). These inventories consist of economic values of Longhorn beetles of East and West Pakistan and checklist respectively. Hashmi & Tashfeen (1992) did not include those species which Holzschuh described from Pakistan. They listed 49 species of Cerambycidae from Pakistan.

MATERIALS AND METHODS

The study area expanded from Sindh, Balochistan, Khyber Pakhtoon Khwa and Azad Kashmir. In Sindh Province, the specimens were collected from out of city Karachi, Steel town which is link between rural areas of lower Sindh. The desert area of Tharparkar was studied after rainfall and collected specimens on lights. The village Sheikh Bhirkio, District Tando M Khan, Sindh. In Khyber Pakhtoon Khwa Province, specimens mainly confined from mountain areas of Malamjabba, Swat; Samarbagh, Timergarah, Lower Dir; Sheikh Badin National Park, Dera Ismail Khan. Only one specimen was confined from Zanginawad, Nushki, Balochistan, and two specimens from Ziarat, Balochistan. In Azad and Jammu Kashmir, mostly specimens collected from District Kotli, and Rawalakot. All specimens light attracted, therefore visits were made on lights on street bulb, petrol pumps and arrange mercury bulb with light trap. The specimens were killed in ethyl acetate and studied under Zoom Stereo Microscope Trinocular, SZM 405 for identification of morphological characters. Habitus photographs were taken from Nikon D7000 and 60mm lens. The identified specimens were deposited in the Zoological Museum, Federal Urdu University of Arts, Sciences & Technology, Karachi and personal collection of first two authors.

RESULTS

We list 56 species of Cerambycidae from Pakistan belonging to 6 different subfamilies.

15 species are recorded for the first time for Pakistan:

- Prionus vartianorum* Fuchs, 1967
Zoodes compressus (Fabricius, 1787)
Molorchus baiocchii (Rapuzzi & Sama, 2012)
Xylotrechus smeii (Laporte de Castelnau & Gory, 1841)
Coptops aedificator (Fabricius, 1793)
Batocera horsfieldi (Hope, 1839)
Exocentrus (Pseudocentrus) dalbergiae Fischer, 1932
Pterolophia wittmeri Breuning, 1975
Glenea quatuordecimmaculata (Hope, 1831)
Glenea afghana Breuning, 1871
Glenea spilota Thomson, 1860
Eunidia apicemaculata Breuning, 1939
Blepephaeus arrowi Breuning, 1935
Blepephaeus nepalensis (Hayashi, 1981)
Nupserha rotundicollis Breuning, 1950

1 species is recorded for the first time for Turkey:

- Molorchus baiocchii* (Rapuzzi & Sama, 2012)

Acronyms

- CPR: Pierpaolo Rapuzzi private collection (Prepotto, Italy).
 CDK: Dmitry A. Kuleshov private collection (Tomsk, Russia).
 ZMFUUP: Zoological Museum Federal Urdu University (Kotli, Pakistan).
 ZACP: Zubair Ahmed private collection (Kotli, Pakistan).

Subfamily PRIONINAE Latreille, 1802

Prionii Latreille, 1802. *Hist. Nat. Crust. Ins.*, 3: 212.

Tribe ACANTHOPHORINI Thomson 1864

Acanthophorini Thomson, 1864, *Syst. Ceramb.*: 289; 473.

Genus Anthracocentrus Quentin & Villiers 1983

Anthracocentrus Quentin & Villiers, 1983, *Annl. Soc. ent. Fr. (N.S.)*, 19 (1): 82. Type species: *Acanthophorus arabicus*: Thomson, 1877 (by original designation).

***Anthracocentrus rugiceps* (Gahan, 1894)**

Acanthophorus rugiceps Gahan, 1894. *Ann. Mag. Nat. Hist. Lond.* (6), 14: 223. Type loc.: "India (Bombay?)".

Distribution: Iran, Pakistan, India (Löbl & Smetana, 2010).

Material examined: Pakistan, Sindh Province, District Tharparkar, Twon Mithi, 22.VII.2014, 2 ex. male and female (ZACP); District Jamshoro, 18.VIII.2017, 1 ex. female., (ZMFUUP).; 1 female: Sindh prov., Tharparkar district, Mithi, 3.VIII.2007 (CPR); 1 female: idem, 12.VII.2008 (CPR); 2 males and 8 females: idem 22.VI-8.X.2009 (CPR); 1 male: idem, 7.V.2011 (CPR); 1 male: idem, 8.VI.2010 (CPR); 1 male and 5 females: idem, 9-21.IX.2009 (CPR); 2 males and 7 females: idem, 20.V.2014 (CPR); 4 males and 1 female: Sindh prov., Tharparkar district, Naukot, 3.VII-9.VIII.2008 (CPR); 1 male: idem, 18.VI.2009 (CPR); 2 males and 10 females: idem, 26.V.2014 (CPR); 5 males and 6 females: Sindh prov., Tharparkar district, Umerkot, 03.VII-19.IX.2008 (CPR); 1 male and 1 female: idem, 24-25.VII.2009 (CPR); 1 female: Karachi env., 20.V.2014 (CPR).

Tribe MACROTOMINI Thomson, 1860

Macrotomini Thomson, 1860, *Essai Class.Ceramb.*: 290, 312

Genus Anomophysis Quentin & Villiers, 1981

Anomophysis Quentin & Villiers, 1981. *Annales de la Société Entomologique de France*, Paris (N. S.) 17 (3): 361, 362, 374. Type species: *Prionus spinosus* Fabricius, 1787 (by original designation).

***Anomophysis plagiata* (Waterhouse, 1884)**

Macrotoma plagiata Waterhouse, 1884. *Ann. Mag. Nat. Hist. Lond.* (5), 14: 376-387. Type loc.: "North India".

Distribution: Afghanistan; Pakistan; India; Nepal (Löbl & Smetana, 2010); Sri Lanka; Myanmar; Laos (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, Village Bal Damas, 17.VIII.2017, 4 ex., (ZMFUUP); 2 females: Kashmir, Bagh, 27.VI.2008 (CPR); 1 male, 1 female: Kashmir, Muree, 4.VII.2013 (CPR); 1 female: Kashmir, Rawalakot, 20.VII.2014 (CPR); 1 female: Swat, Hata, 17.VI.2008 (CPR); 1 female, 1 male: Swat, Shangla, 15.VII.2008 (CPR); 1 female: Swat, Ilam, 27.VII.2008 (CPR); 6 males, 4 females: Upper Dir, 18.VII.2008 (CPR); 1 male: NWFP, Chitral, 12.VIII.1999 (CPR); 4 males, 1 female: NWFP, Chitral, 24.VII.2011 (CPR); 1 male, 2 females: Azad Kshmir, District Kotli, village Bal Damas, VI.2017 (CDK).

Tribe PRIONINI Latreille, 1804

Prioniens, *Prionii* Latreille, 1802, *Hist. Nat. Crust. Ins.*, 3: 212.

Genus Dorysthenes Vigors, 1826

Dorysthenes Vigors, 1826. *The Zoological Journal*, London 2: 514. Type species: *Prionus rostratus* Fabricius, 1793 (Monotypic).

Subgenus *Lophosternus* Guérin-Méneville, 1844

Lophosternus Guérin-Méneville, 1844. Insectes. Paris, J. B. Baillère 7: 209. Type species: *Lophosternus Buquetii* Guérin-Méneville, 1844 (Monotypic).

***Dorysthenes (Lophosternus) hügeli* (Redtenbacher, 1848)**

Cyrtognathus hügeli Redtenbacher, 1848. *Hügel's Kashmir* (4), 2: 550, pl. 28, fig. 1. Type loc.: "India: Jammu and Kashmir".

Distribution: Afghanistan; India; Kashmir; Pakistan; Nepal (Löbl & Smetana, 2010); China (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 15.VIII.2017, 4 ex., (ZMFUUP); District Rawalakot, Airport road, 4.VII.2017, 6 ex., coll. Zubair; 6 males and 2 females: Swat prov., Shangla, 13-27.VII.2008 (CPR); 2 males and 2 females: Swat prov., Ilan, 6.VII.2008 (CPR); 1 male: Swat, Mingora, 11.VII.2008 (CPR); 3 males: Kashmir, Rawalakot, 20.VII.2014 (CPR); 1 male and 1 female: idem, 19-21.VII.2009 (CPR); 1 female: Kashmir, Bagh, 22.VI.2008 (CPR); 3 males: idem, 15.VII.2009 (CPR); 3 males: Punjab, Islamabad, Pir Sohawa, 4-6.VIII.2009 (CPR); 7 males: idem, 27.VI.2013 (CPR); 1 male and 2 females: Punjab, Rawalpindi distr., Muree, Angori, 1.VIII.2009 (CPR); 2 males: idem, 4.VII.2013 (CPR); 14 males and 2 females: NWFP, Malkandi distr., Naran vill., 9.VII.2009 (CPR); 1 male: NWFP, Mansehra distr., Saidu Sharif vill., 17.VII.2008 (CPR); 2 males: NWFP, Upper Dir distr., Dir env., 10.VIII.2008 (CPR); 1 male and 1 female: Balochistan, Khuzdar 1-12.VII.2008 (CPR); 2 males, 2 females: Azad Kashmir, district Kotli, village Bal Damas, VI.2017 (CDK).

Genus *Prionus* Geoffroy, 1762

Prionus Geoffroy, 1762 Hist. Ins. Paris, 1: 198 (maintained by ICBN, 1994, Opinion 1754). Type species: *Cerambyx coriarius* Linnaeus, 1758 (Latreille designation, 1810).

***Prionus corpulentus* Bates, 1878**

Prionus corpulentus Bates, 1878. *Proceed. of the Scientific Meetings of the Zool. Soc. of London*: 720. Type loc.: "Pakistan: Punjab, Muree".

Distribution: Pakistan, India, Nepal (Kariyanna et al., 2017).

Material examined: 1 male: Pakistan, NE Balakot, Balakot valley, env. Shogran, 2750 m., 18-31.VII.1999 (CPR); 5 males and 2 females: Kashmir, Muree, Changla Gali, 15.VI.2008 (CPR); 2 males: idem, 10-15.VII.2008 (CPR); 30 males: Kashmir, Rawalakot, 25.VI-21.VII.2009 (CPR); 6 males: idem, 20.VII.2014 (CPR).

***Prionus elegans* Demelt, 1972**

Prionus elegans Demelt, 1972. *Entomologische Blätter für Biologie und Systematik der Käfer* 68 (2): 89. Type loc.: West-Pakistan, Provinz. Swat, Gabral-Tal, 15 km nördlich Kalam.

Distribution: Pakistan (Löbl & Smetana, 2010).

Material examined: 1 female: NWFP, Malkandi distr., Naran vill., 9.VII.2009 (CPR); 1 male: NWFP, Chitral, 24.VII.2011 (CPR); 3 males: Swat, Malamjabba 29.VI.2013 (CPR).

***Prionus evae* Demelt, 1972**

Prionus evae Demelt, 1972. *Entomologische Blätter für Biologie und Systematik der Käfer* 68 (2): 89. Type loc.: West-Pakistan, Provinz. Swat, Gabral-Tal, 15 km nördlich Kalam.

Distribution: Pakistan (Löbl & Smetana, 2010).

Material examined: 2 males: NWFP, Upper Dir, 10.VIII.2008 (CPR); 1 female: Swat, Ilam, 20.VI.2008 (CPR); 1 female: Swat, Shangla, 23.VII.2008 (CPR).

***Prionus vartianorum* Fuchs, 1967**

Prionus vartianorum Fuchs, 1967. *Ann. Naturh. Mus. Wien*, 70: 431. Type loc.: Afghanistan, Paghman 30 km NW Kabul.

Distribution: Afghanistan (Löbl & Smetana, 2010); Pakistan (**new record**).

Material examined: 1 male: Balochistan, Knuzdar, 18.VII.2008 (CPR); 1 male: Balochistan, Ziarat, 20.VII.2008 (CPR); 1 female: Kashmir, Rawalakot, 24.VII.2009 (CPR).

Subfamily LEPTURINAE Latreille, 1802

Lepturetae Latreille, 1802, *Hist. Nat. Crust. Ins.*, 3: 218.

Tribe LEPTURINI Latreille, 1802

Lepturetae Latreille, 1802, *Hist. Nat. Crust. Ins.*, 3: 218. Type Genus: *Leptura* Linné, 1758.

Genus *Anastrangalia* Casey, 1924

Strangalia (*Anastrangalia*) Casey, 1924. *Memoirs on the Coleoptera*, Lancaster 11: 280. Type species: *Leptura sanguinea* LeConte, 1859 (by original designation).

***Anastrangalia rubriola* (Bates, 1878)**

Leptura rubriola Bates, 1878. *Proceedings of the Scientific Meetings of the Zoological Society of London* [1878]: 720. Typ. loc.: Muree (Pakistan).

Distribution: Afghanistan; India; Nepal; China; Pakistan (Löbl & Smetana, 2010).

Material examined: 1 female: Kashmir, Changla Gali, 2.VII.2008 (CPR).

Subfamily SPONDYLIDINAE Audinet-Serville, 1832

Spondyltii Audinet-Serville, 1832. *Annales de la Société Entomologique de France*, Paris (1) 1: 123.

***Arhopalus tibetanus* (Sharp, 1905)**

Criocephalus tibetanus Sharp, 1905. *The Transactions of the Entomological Society of London* [1905]: 159. Type loc.: Tibet.

Distribution: Nepal, Pakistan, Tibet (Löbl & Smetana, 2010).

Material examined: 1 male: Kashmir, Muree, 30.V.2008 (CPR); 1 male: Kashmir, Changla Gali, 15.VI.2008 (CPR); 2 males and 1 female: Kashmir, Rawalakot, 20-27.VII.2009 (CPR); 1 female: Swat, Mingora, 15.VII.2008 (CPR); 1 male: Sindh, Thatta distr., Jhrik, 28.VI.2009 (CPR).

Note: The locality of Sindh looks improbable.

Subfamily APATOPHYSEINAE Lacordaire, 1869

Apatophysides Lacordaire, 1869. *Histoire Naturelle des Insectes. Genera des Coléoptères ou exposé méthodique et critique de tous les genres proposés jusqu'ici dans cet ordre d'insectes.. Famille des longicornes (suite)*. Paris. *Librairie Encyclopédique de Roret*. 9 (1): 234.

Genus *Protapatophysis* Semenov & Schegoleva-Barovskaya, 1936

Protapatophysis Semenov & Schegoleva-Barovskaya, 1936. *Entomologičeskoe Obozrenie* 26 (1-4) [1935]: 66, 84. Type species: *Apatophysis kashmiriana* Semenov, 1901 (by original designation).

***Protapatophysis vartianae* (Heyrovsky, 1971)**

A. (Protapatophysis) vartianae Heyrovsky, 1971 - *Bull. Soc. ent. Mulhouse*, 3: 81. Loc. Typ.: NE Pakistan, pr. Swat, valley de Gabral, 15 km Nord de Kalava.

Distribution: Pakistan; (?) India (Danilevsky, 2011).

Material examined: 4 males: Kashmir, Muree, 19.V-15.VI.2008 (CPR); 1 male: Kashmir, Rawalakot, 26.VI.2009 (CPR); 1 male: Kashmir, Bagh, 10.VII.2008 (CPR); 13 males and 1 female: Kashmir, Changla Gali, 3.VI-2.VII.2008 (CPR); 5 males: Kashmir, Muree, Ayoubia, 3.VI.2009 (CPR).

***Protapatophysis* cfr. *montana* (Gahan, 1906)**

Apatophysis montana Gahan, 1906, Fauna British India, Col., 1: 71. Type loc.: "Western Himalaya, between Gilgit and Nagy (W.M.Conway)".

Distribution: Pakistan (Danilevsky, 2011).

Material examined: 2 males: Swat, Shangla, 28.VII.2008 (CPR).

Subfamily CERAMBYCINAE Latreille, 1802

Cerambycinae Latreille, 1802, *Hist. Nat. Crust. Ins.*, 3: 211.

Tribe OEMINI Pascoe, 1869

Oemini Pascoe, 1869. *The Transactions of the Entomological Society of London* 3 (3) 6: 147. Type Genus: *Oeme* Newman, 1840.

Genus *Hypoeschrus* Thomson, 1864

Hypoeschrus Thomson, 1864. *Mémoires de la Société Royale des Sciences de Liège* 19: 249. Type species: *Stenocorus strigosus* Gyllenhal, 1817 (by original designation).

***Hypoeschrus indicus* Gahan, 1906**

Hypoeschrus indicus Gahan, 1906, *Fauna British India*, Col., 1: 105. Type loc.: India: Karachi; Calcutta; Belgaum (Pakistan, India).

Distribution: India, Iran, Taiwan, Pakistan, Baluchistan, United Arab Emirates, Nepal, Sri Lanka, Afghanistan, (Kariyanna et al., 2017).

Material examined: 1 male: Sindh, Thar distr., Naukot, 21.VI.2009 (CPR); 1 female: Sindh, Sanghar distr., Khipro Hatoongo vill., 22.III.2012 (CPR).

Tribe XYSTROCERINI Blanchard, 1845

Xystrocera Blanchard, 1845, *Hist. Ins.*, 2: 147. Type Genus: *Xystrocera* Serville, 1834.

Genus *Xystrocera* Serville, 1834

Xystrocera Serville, 1834, *Ann. Soc. ent. Fr.*, 3: 69. Type species: *Cerambyx globosus* Olivier (Thomson, 1864 des.).

***Xystrocera globosa* (Olivier, 1795)**

Cerambyx globosus Olivier, 1795, *Ent.*, 4, n° 67: 27. Loc. typ.: Java : env. de Batavia.

Distribution: Egypt; China; Israel; Japan; Nepal; Pakistan; South Korea; Taiwan (Löbl & Smetana, 2010); India; Sri Lanka; Myanmar; Thailand; Malay Peninsula; Java; Madagascar; Celebes; Philippines; Mauritius; Hawaii; Australia; Puerto Rico (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 3 ex. (ZMFUUP); 2 males: Sindh, Karachi, 22.II.2008 (CPR); 1 male: Kashmir, Bagh, 18.VII.2008 (CPR).

Tribe HESPEROPHANINI Mulsant, 1839

Hesperophaninae Mulsant, 1839, *Long. France* : 61. Type Genus: *Hesperophanes* Mulsant, 1839.

Genus *Zoodes* Pascoe, 1867

Zoodes Pascoe, 1867. *Ann. Mag. Nat. Hist.* (3), 19: 319. Type species: *Stromatium maculatum* White, 1855 (original designation).

***Zoodes compressus* (Fabricius, 1787)**

Callidium compressum Fabricius, 1787. *Hafniae*, Proft 1: 153. Type loc.: Siam (Thailand).

Distribution: India; Thailand; Iran; United Arab Emirates (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: 3 females: Sindh, Thar distr., Mirpurkhas, 27-29.V.2008 (CPR); 1 male and 1 female: idem, 19.VI.2007 (CPR); 6 males and 2 females: Sindh, Mithi env., desert, 8.VI.2010 (CPR); 1 male and 1 female: Sindh, Thatta, 9.VII.2009 (CPR).

Genus *Stromatium* Serville, 1834

Stromatium Serville, 1834, *Ann. Soc. Entomol. France*, 3(1): 80. Type species: *Callidium barbatum* Fabricius, 1775 (monotypy).

***Stromatium barbatum* (Fabricius, 1775)**

Callidium barbatum Fabricius, 1775, *Syst. Entomol.*: 189. Type loc.: India: Tranquebar.

Distribution: Bhutan; Nepal; Pakistan; Yemen (Löbl & Smetana, 2010); New Holland; Myanmar; Bourbon; Madagascar; Bangladesh; Sri Lanka; Australia (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VIII.2017, 3 ex. (ZMFUUP); Sindh Province, Karachi, Steel town, 30.VI.2013, 4 ex. (ZMFUUP); 1 male and 3 females: Sindh, Thar desert, Umarnot, 22.VI.2007 (CPR); 21 males and 15 females: Sindh, Thatta distr., Jhirk vill., 28.VI-11.VII.2009 (CPR); 3 males and 3 females: Sindh, Thatta distr., Mithi vill., 10-28.VI.2009 (CPR); 1 female: idem: 8.VI.2010 (CPR); 2 males and 3 females: Sindh, Thatta distr., Naukot, 25.VI.2009 (CPR); 4 males and 6 females: Sindh, Thatta, Jhirk, 11-26.VII.2009 (CPR); 1 male and 1 female: Sindh, Thatta, Jhirk, 7-26.VII.2009 (CPR); 1 female: Sindh, Thar desert, Mirpurkhas, 19.VI.2007 (CPR); 7 males and 4 females: Swat, Shangla, 27.VI-27.VII.2008 (CPR); 8 males and 7 females: Swat, Ilam, 20.VII.2008 (CPR); 2 females: Swat, Upper Dir 11.IX.2011 (CPR); 2 males: Punjab, Muree-Angori, 23.VII.2010 (CPR); 1 male and 1 female: Punjab, Islamabad, 12.VI.2008 (CPR); 1 male: Punjab, Aziz Abad, 20.VII.2008 (CPR); 1 female: Salt Range, E of Munars 32°40'49"N 72°37'35"E, 830 m., 22.X.2011, ex larva *Acacia* sp., emerged 12.VIII.2013, D. Baiocchi leg. (CPR); 1 female: Kashmir, Bagh, 15.VII.2010 (CPR); 2 males: Kashmir, Punchkot, 20.VII.2010 (CPR); 3 males: Kashmir, Rawalakot, Azad, 28.VII.2008 (CPR); 1 female: Kashmir, Pulandari, 16.VII.2010 (CPR); 2 males and 1 female: Balochistan, Khuzdar, 12.VII.2008 (CPR); 1 male: Balochistan, Dadab, 6.VII.2008 (CPR); 1 female: NWF, Abbottabad, Thandiyani, 15.VII.2008 (CPR); 1 male, 2 females: Azad Kashmir, district Kotli, village Bal Damas, VI.2017 (CDK).

Tribe CERAMBYCINI Latreille, 1802

Cerambycini Latreille, 1802, *Hist. Nat. Crust. Ins.*, 3: 211. Type Genus: *Cerambyx* Linné, 1758.

Genus *Trirachys* Hope, 1842

Trirachys Hope, 1842. *Journal of Proceedings of the Entomological Society of London* 1841: 61. Type species: *Trirachys orientalis* Hope, 1842 (monotypic).

***Trirachys sartus* (Solsky, 1871)**

Pachydissus sartus Solsky, 1871, *Hor. Soc. Ent. Ross.*, 8: 150. Type loc.: "Ouzbekistan; vallée de Zaravschan, Samarkand".

Distribution: Afghanistan; Iran; Kyrgyzstan; Kazakhstan; Pakistan; Tadjikistan; Turkmenistan; Uzbekistan; China (Löbl & Smetana); India (Kariyanna et al., 2017).

Material examined: Pakistan, Balochistan, Ziarat, 2.VI.2016, 2 ex (ZACP); 1 male and 1 female: Swat, Mingora, 22.IV.2008 (CPR); 3 males and 2 females: Swat, Ilam, 12.IV-20.VI.2008 (CPR); 1 female: Swat, Sunder Singh, V.2008 (CPR); 1 female: Balochistan, Ziarat village, 2.VI.2016 (CDK).

Genus *Neoplocaederus* Sama, 1991

Neoplocaederus Sama, 1991, Boll. Soc. ent. ital., 123, 2: 123. Type species: *Plocaederus cyanipennis* Thomson, 1860 (original designation).

***Neoplocaederus pedestris* (White, 1853)**

Hammaticherus pedestris White, 1853. *Catalogue of the coleopterous insects in the collection of the British Museum*, London 7: 127. Type loc.: North India.

Distribution: India; Myanmar (Kariyanna et al., 2017).

Material examined: 1 male: Punjab, Gillait area near Patriata, 5.IX.2009 (CPR); 6 males and 1 female: Kashmir, Paras vill., VI.2011 (CPR); 1 male and 1 female: Swat, Upper Dir, 11.IX.2011 (CPR).

Genus *Tapinolachnus* Thomson, 1864

Tapinolachnus Thomson, 1864. *Mémoires de la Société Royale des Sciences de Liège* 19: 445. Type species: *Homalolachnus Lacordairei* Thomson, 1864 (by original designation and monotypic).

***Tapinolachnus cinerius* (Fabricius, 1793)**

Cerambyx cinereus Fabricius, 1792, *Ent. Syst.*, 1(2): 265. Type loc.: "Tranquebar" (East India).

Distribution: Arab Emirates; Afghanistan; Iran; Nepal; Pakistan; Yemen (Löbl & Smetana, 2010) India; Sri Lanka; Myanmar; Thailand; Java; Aden; Mauritius; West Africa; Laos; Vietnam (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 2ex. (ZMFUUP); Sindh Province, Karachi, Steel town, 12.VI.2013, 1 ex. (ZMFUUP); 1 male: Sindh, Thar desert, Sanghar, 12.V.2008 (CPR); 1 male: Sindh, Sanghar distr., Koonda vill., 11.V.2008 (CPR); 2 males and 2 females: Sindh, Thar desert, Mirpurkhas, 19.VI.2007 (CPR); 1 male and 4 females: Sindh, Thatta distr., Nauakot vill., 26.VI.2009 (CPR); 1 male: Sindh, Thar distr., Aachi Masjad vill., 7.III.2010 (CPR); 4 males and 8 females: Sindh, Mithi distr., desert, 8.VI.2010 (CPR); 1 male: Sindh, Thar desert, Umarnot, 22.VI.2007 (CPR); 3 males and 10 females: Sindh, Thatta distr., Jhirk vill., 31.VII.2009 (CPR); 2 females: Punjab, Burewala, Tath vill., 28.VI.2009 (CPR); 1 male: Kashmir, Muzuffarabad, 22.VI.2009 (CPR); 1 female: Kashmir, Faras, VI.2011 (CPR); 1 male: Swat, Upper Dir, 11.IX.2011 (CPR).

***Tapinolachnus intricarius* (Holzschuh, 1984)**

Diorthus intricarius Holzschuh, 1984, *Kol. Rund.*, 57: 145. Type loc.: Pakistan, Swat prov., Madyan.

Distribution: Pakistan (Löbl & Smetana).

Material examined: 2 males: Swat, Ilam, 26.VI.2008 (CPR); 1 male and 2 females: Hindukush Mts., Dir, 1700 m., 13-14.VII.1995, J. Klir leg. (CPR); 1 female: Azad Kashmir, district Kotli, village Bal Damas, VI.2017 (CDK).

Genus *Derolus* Gahan, 1891

Pachydissus (*Derolus*) Gahan, 1891: *Ann.Mag.Nat.Hist.*, 6, 7: 26. Type species: *D. arciferus* Gahan (original designation).

***Derolus iranensis* Pic, 1956**

Derolus mauritanicus subsp. *iranensis* Pic, 1956, *Echange*, 8 n° 543: 3. Type loc.: Iran: Granshar (= Iranshar).

Distribution: Afghanistan, Iran ; Pakistan (Löbl & Smetana, 2010).

Material examined: 4 males and 9 females: Sindh, Sanghar distr., Khipro, Hatoongo vill., 22.III.2012 (CPR); 2 males and 5 females: Sindh, Thar distr., Aachi Masjid vill., 17.III.210 (CPR); 4 femles: Sindh, Mithi, desert, 8.VI.2010 (CPR).

***Derolus* cfr. *iranensis* Pic, 1956**

Material examined: 1 female: Sindh, Sanghar distr., Khipro, Hatoongo vill., 22.III.2012 (CPR).

Note: body stouter and pronotum evidently shorter and larger than *D. iranensis*. Very likely a distinct species but we need other specimens to decide its status.

***Derolus pakistanus* Holzschuz, 1974**

Derolus pakistanus Holzschuh, 1974. *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 25 (3/4) [1973]: 81. Type loc.: Pakistan, Swat, Madyan.

Distribution: Pakistan (Löbl & Smetana, 2010).

Material examined: 1 male and 1 female: Swat, Shangla, 28.VI.2008 (CPR).

***Derolus discicollis* Gahan, 1906**

Derolus discicollis Gahan, 1906. *The Fauna of British India, including Ceylon and Burma*. Coleoptera. - Vol. I.: 136. Type loc.: Karachi (Pakistan).

Distribution: Iran; Pakistan (Löbl & Smetana, 2010); India (Kariyanna et al., 2017).

Material examined: 1 male: Sindh, Mithi distr., desert, 8.VI.2010 (CPR).

Tribe MOLORCHINI Mulsant, 1863

Molorchates Mulsant, 1863. *Annales de la Société Impériale d'Agriculture, d'Histoire Naturelle et des Arts Utiles de Lyon* 1862: 223. Type Genus: *Molorchus* Fabricius, 1792.

Genus *Molorchus* Fabricius, 1793

Molorchus Fabricius, 1793. *Entomologia systematica emendata et aucta*. Secundum classes ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. *Hafniae, C. G. Proft* 1 (2): 356. Type species: *Necydalis umbellatarum* Schreber, 1759 (designed by Bousquet, 2008).

***Molorchus sabatinelli* Rapuzzi & Sama 2018**

Molorchus sabatinelli Rapuzzi & Sama, 2018. *Mun. Ent. Zool.* Vol. 13, No. 1: 10. Type loc.: Pakistan, Swat, Bhurban.

Distribution: Pakistan (Rapuzzi & Sama, 2018).

Material examined: 1 male (Holotypus): NWFP, Bhurban, 33°56'54"N 73°27'17"E, 2060 m., 26.X.2011, ex larva *Pinus* sp., emerged 19.III.2012, D. Baiocchi leg. (Type locality) (CPR).

***Molorchus hederæ* Gardner, 1936**

Molorchus hederæ Gardner, 1936. *The Indian Forest Records (New Series), Entomology*, New Delhi 2 (4): 130. Type loc. Punjab (Kulu) (Pakistan).

Distribution: Pakistan; India (Löbl & Smetana, 2010).

Material examined: 3 males and 1 female: NWFP, Gharial, 33°55'18"N 73°26'18"E, 2035 m., 21-26.X.2011, ex larva *Rosa* sp., emerged 27.IV.2013, D. Baiocchi leg. (CPR); 2 males and 2 females: Punjab, Muree, Burban env., X.2011, ex larva *Pinus* sp., emerged 7.IV.2012, D. Baiocchi leg. (CPR); 2 male and 5

females: Kashmir, Gharial, 21.X.2011, ex larva *Rosa sp.*, emerged 22-23.III.2012, D. Baiocchi leg. (CPR).

***Molorchus baiocchi* (Rapuzzi & Sama, 2012)**

Glaphyra baiocchi Rapuzzi & Sama, 2012. *Munis Entomology & Zoology* 7 (2): 667. Type loc.: Iran, Mazandaran.

Distribution: Iran (Type locality); Turkey (Hakkari prov., 1 Km W Kolbaşı, 37°40'06"N 43°54'55"E, 15.V.2014, ex larva *Crategus sp.*, emerged 07.I.2015, P. Rapuzzi lgt.) **new record for Turkey; Pakistan (new record).**

Material examined: Kashmir, Gharial, 21.X.2011, ex larva *Rosa sp.*, emerged 6.IV.2013, D. Baiocchi leg. (CPR).

Tribe STENOPTERINI Gistel, 1848

Stenopteridae Gistel, 1848 Gistel, 1848. *Isis von Oken*, 1848 (9): [1-4]. Type genus: *Stenopterus* Illiger, 1804.

Genus *Kunbir* Lameere, 1890

Kunbir Lameere, 1890. *Comptes-Rendus des Séances de la Société Entomologique de Belgique, Bruxelles* 13 (4): ccxiii. Type species *Kunbir telephoroides* Lameere, 1890 (monotypic).

***Kunbir vartianorum* Holzschuh, 1974**

Kunbir vartianorum Holzschuh, 1974. *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 25 (3/4) [1973]: 88. Type loc.: Swat prov., Maydan, Pakistan.

Distribution: Pakistan (Löbl & Smetana, 2010).

Material examined: 1 male and 1 female: Swat prov., Mingora, Malamjabba, 30.V.20104 (CPR).

Tribe PURPURICENINI Thomson, 1860

Purpuricenini Thomson, 1860, *Ess. Class. Fam. Ceramb.*: 203. Type genus: *Purpuricen* Dejean, 1821.

Genus *Purpuricen* Dejean, 1821

Purpuricen Dejean, 1821, *Cat. Coléopt. Coll. Dejean*: 105. Type species: *Cerambyx kaehleri* Linnaeus, 1758, designated by Linsley (1962).

***Purpuricen* *montanus* White, 1853**

Purpuricen montanus White, 1853. *Catalogue of the coleopterous insects in the collection of the British Museum*, London 7: 138. Type loc.: Himalaya Mountains.

Distribution: Afghanistan; Pakistan; China (Löbl & Smetana, 2010); India (Kariyanna et al., 2017).

Material examined: 3 males and 1 female: Swat, Kalam, 2800 m., VI.1996 (CPR).

***Purpuricen* *kabakovi* Miroshnikov & Lobanov, 1990**

Purpuricen kabakovi Miroshnikov & Lobanov, 1990. *Vestnik Zoologii*, N°5: 15 Loc.Typ.: Afghanistan: Nuristan, SW Chanadar 2000 m.

Distribution: Afghanistan (Löbl & Smetana, 2010); [Kazakhstan (mistake)]; Pakistan ; India (Kariyanna et al., 2017).

Material examined: Pakistan, Khyber Pakhtoon Khwa, Dera Ismail Khan, 12.VII.2009; 1 female: Dagsu, VI.1991, Prepsl leg. (CPR); 1 male: Khyber Pakhtoon Khwa, Dera Ismail Khan, 18.VI.2009 (CDK).

***Purpuricenus indus* Semenov, 1908**

Purpuricenus indus Semenov, 1908. *Revue Russe d'Entomologie, Saint-Petersbourg* 7 [1907]: 261. Type loc.: Kashmir, Punjab (Pakistan).

Distribution: Afghanistan; Pakistan (Löbl & Smetana, 2010); India; Turkestan (Kazakhstan); Turkmenistan (the last two records are impossible for sure due to a mistake) (Kariyanna et al., 2017).

Material examined: 2 males and 2 females: Punjab, Sawat valley, VI.2009 (CPR).

Tribe CLYTINI Mulsant, 1839

Clytaires Mulsant, 1839, *Hist. Nat. Coléopt. France, Longic.*: 70. Type Genus: *Clytus* Laicharting, 1784.

Genus *Xylotrechus* Chevrolat, 1860

Xylotrechus Chevrolat, 1860, *Ann. Soc. entomol. France*, 3, 8: 456. Type species: *Clytus sartorii* Chevrolat, 1860 (Chevrolat, 1863 des.).

***Xylotrechus stebbingi* Gahan, 1906**

Xylotrechus stebbingi Gahan, 1906, *Fauna Brit. Ind., Col.*, 1: 244. Type loc.: North West Himalayas: Bashahr State (India); Tibet.

Distribution: India; China (Tibet); Nepal; Bhutan (Kariyanna et al., 2017); introduced in: France; Greece; Italy; Slovenia; Switzerland; Tunisia; Israel; Tajikistan; Pakistan (Löbl & Smetana, 2010).

Material examined: 1 male: Skardu distr., Skardu, 21-23.VI.2008, L. Latella lgt. (CPR); 1 female: Hindukush Mts., Dir, 1700 m., 13-14.VII.1995, J. Klir lgt. (CPR).

***Xylotrechus smei* (Laporte de Castelnau & Gory, 1841)**

Clytus smei Laporte de Castelnau & Gory, 1841, *Mon. Clytus*: 37, Tab. 8, fig. 46. Type locality: "Indes Orientales".

Distribution: India; Nepal; Bhutan; Afghanistan; Myanmar; Thailand; Tanzania (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: 1 female: Swat, Mayhazar, 13.V.2008 (CPR).

Tribe CALLICHRMATINI Swainson & Shukard, 1840

Callichrominae Swainson & Shukard, 1840. On the History and Natural Arrangement of Insects. *Longman, Brown, Green & Longman's Paternoster Row*, London: 293-294. Type Genus: *Callichroma* Latreille, 1817.

Genus *Osphranteria* Redtenbacher, 1850

Osphranteria Redtenbacher, 1850, *Densk. Wien. Akad.*, 1: 50. Type species: *Osphranteria suaveolens* (designated by Thomson, 1864).

***Osphranteria lata* Pic, 1956**

Osphranteria lata 1956, *Echange*, 8, n° 543: 3. Type loc.: Iran: 36 km nördl. Iranshahr, Hang d. Kalang, 900m, leg. Richter & Schäuuffele.

Distribution: Afghanistan; Iran (Löbl & Smetana, 2010); Pakistan (**new record**).

Material examined: 1 male and 1 female: Balochistan, Turbat, 8-19.IV.1993, S. Becvar leg. (CPR).

Subfamily LAMINAE Latreille, 1825

Lamiaries Latreille, 1825, Fam. Nat. Règne anim.: 401.

Tribe MESOSINI Mulsant, 1839

Mesosini Mulsant, 1839, Long. France, 1: 165. Type Genus : *Mesosa* Serville, 1835.

Genus *Coptops* Serville, 1835

Lachnia (*Coptops*) Serville, 1835. Ann. Soc. ent. Fr., 4: 64. Type species: *Lachnia parallela* Audinet-Serville, 1835 (= *Lamia aedificator* Fabricius, 1792) (monotypy).

***Coptops aedificator* (Fabricius, 1793)**

Lamia aedificator Fabricius, 1792, *Ent. Syst.*, 1 (2): 275. Type loc.: "India orientalis".

Distribution: Saudi Arabia; Taiwan; Yemen (Löbl & Smetana, 2010); India; Kenya; Madagascar; Mauritius; Reunion; Senegambien; Zimbabwe; Natal; Camerun; Sri Lanka; Uganda; Nigeria; Malawi; Gabon (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 3 ex., (ZMFUUP).

Tribe PTEROPLINI Thomson, 1860

Pteropliteae Thomson, 1860. Essai d'une classification de la famille des cérambycides et matériaux pour servir à une monographie de cette famille: 73. Type Genus: *Pteroplus* Lacordaire, 1830.

Genus *Pterolophia* Newmann, 1842

Pterolophia Newman, 1842. Entom 1: 370. Type species: *Mesosa* (?) *bigibbera* Newman, 1842 (original designation).

***Pterolophia* (s. str.) *holzshuhi* Breuning, 1975**

Pterolophia holzshuhi Breuning, 1975. *Entomologica Basiliensa* 1: 335. Type loc.: Pakistan, SWAT, Madyan.

Distribution: Pakistan (Breuning, 1975).

Material examined: 1 female: Punjab, Muree, Angori, 13.VII.2010 (CPR).

***Pterolophia* (s. str.) *wittmeri* Breuning, 1975**

Pterolophia wittmeri Breuning, 1975. *Entomologica Basiliensa* 1: 335. Type loc.: Buthan, Chimakoti.

Distribution: Buthan (Breuning, 1975), Pakistan (**new record**).

Material examined: 1 male: Kashmir, Kotli, 26.VI.2017, A. Zubair leg. (CPR); 1 male: Punjab, Salt Range, 830 m., E of Munasra, 34°40'49"N 73°37'35"E, 22.X.2011, ex larva *Acacia* sp., emerged 29.VI.2013, D. Baiocchi leg. (CPR).

Genus *Niphona* Mulsant, 1839

Niphona Mulsant, 1839, Hist. nat. Coléopt. France, Longic.: 169. Type species: *N. picticornis* Mulsant 1839 (Monotypy).

***Niphona indica* Breuning, 1938**

Niphona indica Breuning, 1938. Festschrift zum 60. Geburtstag von Professor Dr. Embrik Strand, Riga 4 [1937]: 238. Type loc.: Britisch Indien: Karachi (Pakistan).

Distribution: India; Pakistan; Arab Emirates; Oman; Iran; Afghanistan (Kariyanna et al., 2017).

Material examined: 1 female: Sindh, Tharparkar distr., Naukot, 26.V.2014 (CPR).

***Niphona fuscatrix* (Fabricius, 1793)**

Lamia fuscator Fabricius, 1793: Entomologia systematica emendata et aucta. Secundum classes ordines, genera, species adjectis synonymis, locis, observationibus, descriptionibus. *Hafniae*, C. G. Proft 1 (2): 291. Type loc.: Tranquarbarie (India).

Distribution: India; Pakistan; Mauritius (Kariyanna et al., 2017).

Material examined: 2 males: Sindh, Tharparkar distr., Naukot, 26.V.2014 (CPR); 1 female: idem, 4.VII.2008 (CPR); 1 male: Sindh, Hur, 9.VII.2008 (CPR); 1 male: Kashmir, Azad, Rawala kot, 23.VIII.2008 (CPR); 1 male and 3 females: Punjab, Salt Range, 830 m., E of Munasra, 34°40'49"N 73°37'35"E, 22.X.2011, ex larva *Acacia* sp., emerged 29.VI.2013 and 15.VI.2012, D. Baiocchi leg. (CPR); 1 female: Swat, Shangla, 27.VII.2008 (CPR).

Tribe MONOCHAMINI Gistel, 1848

Monochammidae Gistel, 1848. *Naturgeschichte des Thierreichs für höhere Schulen bearbeitet*. Type Genus: *Monochamus* Dejean, 1821.

Genus *Acalolepta* Pascoe, 1858

Acalolepta Pascoe, 1858. *The Transactions of the Entomological Society of London* (2) 4 (6-7): 247. Type species: *Acalolepta pusio* Pascoe, 1858 (monotypic).

***Acalolepta nivosa* (White, 1858)**

Monochamus nivosus White, 1858. *The Proceedings of the Zoological Society of London* 26: 409. Type loc.: Ceylon (Sri Lanka).

Distribution: India; Nepal; Pakistan; Sri Lanka (Kariyanna et al., 2017).

Material examined: 2 males and 2 females: Sindh, Thar distr., Naukot, 7.IX.2008 (CPR); 1 female: Sindh, Mithi, 22.VIII.2009 (CPR); 2 males: Sindh, Thar desert, Umarnot, 22.VI.2007 (CPR).

Genus *Cerosterna* Dejean 1835

Cerosterna Dejean, 1835. *Catalogue des Coléoptères de la Collection de M. le Comte Dejean*: 341. Type species: *Lamia gladiator* Fabricius, 1801 (= *Lamia scabrator* Fabricius, 1781) (designed by Thomson, 1864).

***Cerosterna scabrator* (Fabricius, 1781)**

Lamia scabrator Fabricius, 1781. Species insectorum exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin adiectis observationibus, descriptionibus. *Hamburgi et Kilonii*: Carol Ernest Bohnii 1: 224. Type loc.: India orientali.

Distribution: India; Mascarene Is. (Mauritius); Nepal; Pakistan (Kariyanna et al., 2017).

Material examined: 1 male: Swat, Ilan, 17.IX.2008 (CPR); 4 males and 1 female: Sindh, Thar distr., Naukot, 2-6.IX.2008 (CPR); 2 males and 2 females: Sindh, Thar distr., Mithi vill., 9.IX-8.X.2009 (CPR); 1 female: idem, 29.VII.2009 (CPR); 1 male: Sindh, Thar distr., Umerkot, 1.X.2008 (CPR); 1 female, Sindh, Tharparkar, 23.VII.2009 (CPR).

Genus *Cremnosterna* Aurivillius, 1920

Cremnosterna Aurivillius, 1920. *Arkiv för Zoologi, Uppsala* 13 (9): 372. Type species: *Monochamus carissimus* Pascoe, 1857 (by original designation).

***Cremnosterna plagiata* (White, 1858)**

Cerosterna plagiata White, 1858. *The Proceed. Of the Zool. Soc. Of London* 26: 403. Type loc.: "India".

Distribution: Pakistan (Löbl & Smetana, 2010) India; Myanmar (Kariyanna et al., 2017); China (Yunnan, Mengla county, NanBeng, Meng Ban town, 1-21.VI.2011, Coll. P. Rapuzzi).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 3 ex. (ZMFUUP); 2 males and 1 female: Punjab, Gilliat area near Patriata, Angori vill., 5.IX.2009 (CPR).

Genus *Anamera* Thomson, 1864

Anamera Thomson, 1864. *Mémoires de la Société Royale des Sciences de Liège* 19: 63. Type species: *Anamera albogettata* Thomson, 1864 (original designation and monotypic).

***Anamera gigantea* Breuning, 1935**

Anamera gigantea Breuning, 1935. *Folia Zool. Et Hydrobiol.*, Riga, 8: 66. Type loc.: India: Punjab.

Distribution: Pakistan (Löbl & Smetana, 2010); India (Kariyanna et al., 2017).

Material examined: Pakistan, Balochistan Province, Nushki, Zanginawad, 16.VI.2014, 1 ex. (ZMFUUP) Jan; 1 female: Karachi (CPR); 2 males: Sindh, Thatta distr., Jhirk vill., 4.VII.2009 (CPR).

Note: *Anamera gigantea* ssp. *iliyashenkoi* Jiroux, Garreau & Gurko, 2012 described from “Pakistan, province du Balochistan, est des monts Suleiman, vallée de Zhob” based on one male, differs from the nominal form according the white pubescence instead more or less yellowish. According the author further specimens are needed to state the real status of this Taxon (valid subspecies or simply color form) (Eric Jiroux, pers. comm.).

Genus *Blepephaeus* Pascoe, 1866

Blepephaeus Pascoe, 1866. *The Transactions of the Entomological Society of London* 3 (3): 291. Type species: *Monochamus succintor* Chevrolat, 1852 (original designation).

***Blepephaeus arrowi* Breuning, 1935**

Blepephaeus arrowi Breuning, 1935. *Folia Zool. Et Hydrobiol.*, Riga, 8: 70. Type loc.: India.

Distribution: India (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: Pakistan, Sindh Province, District Tharparkar, town Mithi, 4.VII.2017, 3 ex., coll. Zubair; Azad Kashmir, District Kotli, village Bal Damas, VI.2017 (CDK).

***Blepephaeus nepalensis* (Hayashi, 1981)**

Perihammus nepalensis Hayashi, 1981. *Bulletin of the Osaka Jonan Women's Junior College* 14: 13. Type loc.: Nepal: Adhabar, Terai Forest.

Distribution: Nepal (Löble & Smetana, 2010); Pakistan (**new record**).

Material examined: 1 male: Punjab, Muree, Angori, 23.VII.2010 (CPR); 3 males and 1 female: Punjab, Gilliat area, near Patriata, Angori vill., 5.IX.2009 (CPR).

Tribe EXOCENTRINI Pascoe, 1864

Exocentrinae Pascoe, 1864, *Trans. Ent. Soc. London* (3), 3: 6,9. Type genus: *Exocentrus* Dejean, 1835.

Genus *Exocentrus* Dejean, 1835

Exocentrus Dejean, 1835, *Cat. Coll. Col.*: 2: 339. Type species: *Callidium lusitanicus* Olivier, 1790 = *Cerambyx lusitanus* Linnaeus, 1767). (designed by Sama, 1993).

***Exocentrus (Pseudocentrus) dalbergiae* Fischer, 1932**

Exocentrus dalbergiae Fischer, 1932. *The Indian Forest Records (Series Entomology)*, Calcutta 16 (10) [1931]: 296, 310. Type loc.: India, United Provinces: Dehra Dun; Sherpur; Khairna, Naini Tal; Hardwar, Saharanpur; Jhajra; River Asan.

Distribution: India; Nepal (Löbl & Smetana, 2010); Pakistan (**new record**).

Material examined: Islamabad env., V.2011, G. Sabatinelli lgt. (CPR).

Tribe ANCYLONOTINI Lacordaire, 1869

Ancylonotides Lacordaire, Gen.Col., 9: 299, 301. Type Genus: *Ancylonotus* Castelnau, 1840.

Genus *Idactus* Pascoe, 1864

Idactus Pascoe, 1864. Journ. Entomol., 2: 273. Type species: *Idactus tridens* Pascoe, 1864 (Monotypy).

***Idactus paramaculicornis* Breuning, 1973**

Idactus paramaculicornis Breuning, 1973. *Annales de la Société Entomologique de France*, Paris (n. s.) 9 (3): 662. Type loc.: District du Sind (Pakistan).

Distribution: Pakistan (Löbl & Smetana, 2010).

Material examined: 4 males and 1 female: Sindh, Thar distr., Achi Masjid vill., 17.III.2010 (CPR).

Tribe BATOCERINI Lacordaire, 1869

Batocerides Lacordaire, 1862. *Histoire Naturelle des Insectes. Genera des Coléoptères ou exposé méthodique et critique de tous les genres proposés jusqu'ici dans cet ordre d'insectes.. Famille des longicornes* (suite): 353. Type genus: *Batocera* Dejean, 1835.

Genus *Apriona* Chevrolat, 1852

Apriona Chevrolat, 1852. *Revue et Magasin de Zoologie*, Paris (2) 4: 414. Type species: *Lamia Germarii* Hope, 1831 (designed by Thomson, 1864).

***Apriona cinerea* Chevrolat, 1852**

Apriona cinerea Chevrolat, 1852. *Revue et Magasin de Zoologie*, Paris (2) 4: 416. Type loc.: Indie or. Bor.: Almorah (India).

Distribution: India; Pakistan; Afghanistan (Löbl & Smetana, 2010).

Material examined: 1 male and 2 females: Swat, Mingora, VII.2007 (CPR); 2 males: Kashmir, Rawalakot, 19.VII.2009 (CPR); 1 male: Kashmir, Mansehra, 1.VII.2008 (CPR); Sindh, Thar distr., Naukot, 3.IX.2008 (CPR).

Genus *Batocera* Dejean, 1835

Batocera Dejean, 1835. *Catalogue des Coléoptères de la Collection de M. le Comte Dejean*: 341. Type species: *Cerambyx Rubus* Linné, 1758 (designed by Blanchard, 1845).

***Batocera rufomaculata* (Degeer, 1775)**

Lamia rufomaculata De Geer, 1775. *Mem. Ins.*, 5: 107. Type loc.: "India".

Distribution: Israel; Lebanon; Nepal; Oman; Pakistan; Syria; Turkey; China; Yemen; Egypt (Löbl & Smetana, 2010); India; Malaysia; Sri Lanka; Myanmar; Mauritius; East Africa; Madagascar; Puerto Rico; Barbados; Virgin Islands (Kariyanna et al., 2017).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 5 ex. (ZMFUUP); 2 males and 2 females: Swat, Mingora, VII.2007 (CPR); 2 males: Azad Kashmir, District Kotli, village Bal Damas, VI.2017 (CDK).

***Batocera horsfieldi* (Hope, 1839)**

Lamia horsfieldi Hope, 1839. *Proceed. of the Linnean Soc. of London*, 1: 42. Type loc.: "India: Assam".

Distribution: China; Buthan; India (Löbl & Smetana, 2010); Korea; Vietnam; Myanmar; Nepal (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 1 ex. (ZMFUUP); 2 males and 1 female: Swat, Bahrain, VII.2011 (CPR); 1 male: Kashmir, Rawalakot, 26.VI.2009 (CPR); NWFP, Mansehra distr., Sun, 25.VII.2008 (CPR); Tribal areas, Mohmand Agency, 18.VII.2017 (CDK).

Tribe EUNIDIINI Téocchi, Sudre & Jiroux, 2010

Eunidiini Téocchi, Sudre & Jiroux, 2010. Les Cahiers Magellanes (NS) 1: 13. Type Genus: *Eunidia* Erichson, 1843.

Genus *Eunidia* Erichson, 1843

Eunidia Erichson, 1843. Arch.Nsatargesch. 9(1): 262. Type species: *Eunidia nebulosa* Erichson, 1843 (monotypy).

***Eunidia apicemaculata* Breuning, 1939**

Eunidia apicemaculata Breuning, 1939. *Geburstage von Prof. Dr. Embrik Strand*. Riga, 5: 214. Type loc.: India: Uttaranchal, Nakraunda.

Distribution: India (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: 1 male: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 1 ex., (ZMFUUP).; 1 male: Punjab, Gilliat area, near Patriata, Angori vill., 15.VII.2009 (CPR).

Tribe APOMECEYININI Thomson, 1860

Apomecynitae Thomson, 1860. Essai d'une classification de la famille des cérambycides et matériaux pour servir à une monographie de cette famille: 66. Type Genus: *Apomecyna* Dejean, 1821.

Genus *Apomecyna* Dejean, 1821

Apomecyna Dejean, 1821, Catalogue de la Collection de Coléoptères de M. le Baron Dejean. Imprimerie Abel Lanoë, Librairie Crevot. Paris: 108. Type species: *Saperda alboguttata* Megerle, 1802 (= *Lamia histrio* Fabricius, 1792) (designated by Duponchel and Chevrolat, 1842).

***Apomecyna (s.str.) saltator* (Fabricius, 1787)**

Lamia saltator Fabricius, 1787. *Ann. Mag. N.H.*, (4), 12: 317. Type loc.: "ignota".

Distribution: Nepal; China; Japan; Pakistan; Taiwan (Löbl & Smetana, 2010); India; Sri Lanka; Vietnam; Laos (Kariyanna et al., 2017).

Material examined: Pakistan, Sindh Province, District Tharparkar, town Mithi, 14.VII.2015, 2 ex., coll. Zubair.; 3 males and 2 females: Sindh, Thar distr., Umerkot, 3.VII.2007 (CPR).

Tribe DORCASHEMATINI Thomson, 1860

Dorcaschemitae Thomson, 1860. *Essai d'une classification de la famille des cérambycides et matériaux pour servir à une monographie de cette famille*: 107. Type genus: *Dorcaschema* LeConte, 1852.

Genus *Olenecamptus* Chevrolat, 1835

Olenecamptus Chevrolat, 1835. *Magasin de Zoologie* 5: 1. Type species: *Olenecamptus serratus* Chevrolat, 1835 (designed by Thomson, 1864).

***Olenecamptus bilobus* (Fabricius, 1801)**

Saperda biloba Fabricius, 1801. *Bibliopoli Academici Novi*, Kiliae 2: 324. Type loc.: "Insulis Oceani Australis".

Distribution: China; Japan; Nepal; Pakistan; India; Taiwan (Löbel & Smetana, 2010); Java; Timor; Mayotte; Vietnam; Laos; Myanmar; Thailand; Sri Lanka; Malaysia; Indonesia; Philippines; Mauritius; Madagascar; Australia (Kariyanna et al., 2017).

Material examined: 1 male from Quetta's Museum without locality. Very likely collected in Balochistan (CPR).

Tribe SAPERDINI Mulsant, 1839

Saperdaires Mulsant, 1839, *Long. France*, 1: 181. Type genus: *Saperda* Fabricius, 1775.

Genus *Glenea* Newman, 1842

Glenea Newmann, 1842. *The Entomologist*, London 19: 301. Type species: *Saperda guttata* Guérin-Ménéville, 1831 (designed by Thomson, 1879).

***Glenea quatuordecimmaculata* (Hope, 1831)**

Saperda 14-maculata Hope, 1831. *Gray's Zoologica Miscellanea* 1: 28. Type loc.: Nepal (Nepal).

Distribution: India; Nepal; Buthan (Kariyanna et al., 2017); Pakistan (**new record**).

Material examined: 1 male: NWFP, Bhurban, 2060 m., 33°56'54"N 73°27'17"E, 26.X.2011, ex larva *Pinus* sp., emerged 3.V.2012, D. Baiocchi lgt. (CPR); 1 female: Punjab, Muree, Angori, 13.VII.2012 (CPR).

***Glenea afghana* Breuning, 1971**

Glenea afghana Breuning, 1971. *Bulletin de la Société Entomologique de Mulhouse* [mai-juin 1971]: 44. Type loc.: Afghanistan, Shogran.

Distribution: Afghanistan (Löbl & Smetana, 2010); Pakistan (**new record**).

Material examined: 1 female: Swat, Mingora, 11.VI.2008 (CPR).

Subgenus *Stirolenea* Aurivillius, 1920

Glenea (Stirolenea) Aurivillius, 1840. *Arkiv för Zoologi, Uppsala* 13 (9): 391. Type species: *Lamia Cantor* Fabricius, 1787 (by original designation).

***Glenea (Stirolenea) spilota* Thomson, 1860**

Glenea spilota Thomson, 1860. *Ess. Class. Ceramb.*: 2, 21. Type loc.: "India".

Distribution: India; Nepal (Kariyanna, 2017); Pakistan (**new record**).

Material examined: Pakistan, Azad Kashmir, District Kotli, village Bal Damas, 22.VII.2017, 1ex., (ZMFUUP); idem, VI.2017 (CDK).

Genus *Stibara* Hope, 1840

Stibara Hope, 1840: *The Proceedings of the Linnean Society of London* 1: 79. Type species: *Stibara tetraspilota* Hope, 1840 (designed by Thomson, 1864).

***Stibara tetraspilota* Hope, 1840**

Stibara tetraspilota Hope, 1840. *Proceed. of the Linnean Soc. of London*, 1: 79. Type loc.: "India: Assam".

Distribution: Nepal; India; Pakistan (Löbl & Smetana, 2010); Myanmar; Thailand; Laos; Vietnam (Kariyanna et al., 2017).

Material examined: Pakistan, Khyber Pakhtoon Khwa, Lower Dir, village Samar Bagh, 15.VIII.2013, 1 ex. (ZMFUUP); 4 males and 5 females: Kashmir, Punchkot, 20.VII.2010 (CPR); 1 female: Punjab, Islamabad, Rawal Dam, 2.VII.2009 (CPR); 1 male: Kashmir, Muzaffarabad, 15.VIII.2009 (CPR).

Genus *Nupserha* Thomson, 1860

Nupserha Thomson, 1860. *Essai d'une classification de la famille des cérambycides et matériaux pour servir à une monographie de cette famille*: 60. Type species: *Stibara cosmopolita* J. Thomson, 1860 (= *Saperda ustulata* Erichson, 1834).

***Nupserha rotundicollis* Breuning, 1950**

Nupserha rotundicollis Breuning, 1950. *The Indian Forest Records (New Series), Entomology* 7 (8) [1949]: 263. Type Loc. Shillong, Assam (India).

Distribution: Buthan; Nepal; India (Löbl & Smetana, 2010); Pakistan (**new record**).

Material examined: 1 male: Kashmir, Punchkot, 20.VII.2010 (CPR).

DISCUSSION

The present study is preliminary for a checklist of the Cerambycidae of Pakistan. It is based on species found recently from all over Pakistan including Azad Kashmir. The knowledge of Pakistani Longhorn Beetles is far to be well known. For this reason, it will be important to collect and study this family with modern and intensive projects of research.

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LITERATURE CITED

- Beeson, C. F. C.** 1941. The Ecology and Control of the Forest Insects of India and the Neighbouring Countries. Aswant Singh, The Vasant Press, Dehra Dun, ii + 1007 pp.
- Chaudhry, G. U., Chaudhry, M. I. & Khan, S. M.** 1966. Survey of insect fauna of forests of Pakistan. Final Technical Report. Biological Sciences Research Division, Pakistan Forest Institute. Peshwar. 167 pp.
- Gahan, C. J.** 1906. The fauna of British India, including Ceylon and Burma. Coleoptera. Vol. I. (Cerambycidae). C.T. Bingham, London, xviii + 329 pp.
- Danilevsky, M. L.** 2011. A review of genus *Protapatophysis* Semenov-Tian-Shanskij et Stschegoleva- Barovskaia, 1936 stat. nov. (Coleoptera: Cerambycidae: Apatophyseinae). Studies and Reports Taxonomical Series, 7 (1-2): 93-104.
- Hashmi, A. A & Tashfeen, A.** 1992. Coleoptera of Pakistan. Proceedings of Pakistan Congress of Zoology, 12: 133-170.
- Holzschuh, C.** 1974. Neue bockkafer aus Pakistan. Iran. Anatolien und Mazedonien (Coleoptera: Cerambycidae). Zeitschrift der Arbeitstgongchestratt Osterr. Entomologen, 25. Jg., 3/4: 81-100.
- Holzschuh, C.** 1981. Zwanzig neue Bockkäfer aus Europa und Asien. (Cerambycidae, Col.). Koleopterologische Rundschau, Wien, 55: 91-112.
- Holzschuh, C.** 1982a. Elf neue Bockkäfer aus Europa und Asien (Col.: Cerambycidae). Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen, 33 (3/4): 65-76.
- Holzschuh, C.** 1982b. Neue Bockkäfer aus Asien, vorwiegend aus dem Himalaya (Col., Cerambycidae). Koleopterologische Rundschau, Wien, 56: 147-157.
- Holzschuh, C.** 1983. Beschreibung von 22 neuen Clytini aus dem Himalaya (Coleoptera, Cerambycidae). Entomologica Basiliensa, 8: 369-397.
- Holzschuh, C.** 1984a. Beschreibung von 21 neuen Bockkäfern aus Europa und Asien (Cerambycidae, Col.). Koleopterologische Rundschau, Wien, 57: 141-165.
- Holzschuh, C.** 1984b. Beschreibung von 24 neuen Bockkäfern aus Europa und Asien, vorwiegend aus dem Himalaya (Coleoptera, Cerambycidae). Entomologica Basiliensa, 9: 340.
- Jiroux, E., Garreau, P. & Gurko, V.** 2012. Note concernant *Anamera gigantea* Breuning, 1935, et description d'une nouvelle sous-espèce originaire du Balochistan (Coleoptera, Cerambycidae, Lamiinae). Les Cahiers Magellanes, New Series, 7: 18-20.
- Kariyanna, B., Mohan, M., Gupta, R. & Vitali, F.** 2017. The checklist of longhorn beetles (Coleoptera: Cerambycidae) of India. Zootaxa, 4345 (1): 1-317.
- Löbl, I. & Smetana, A.** 2010. Catalogue of Palaearctic Coleoptera. In: Löbl, I. & Smetana, A. (Eds.), Vol. 6. Chrysomeloidea. Apollo books, Stenstrup, pp. 1-924.
- Monné, M. L., Monné, M. A. & Wang, Q.** 2017. General morphology, classification and biology of Cerambycidae. In: Wang, Q. (Eds.), Cerambycidae of the World: Biology and Pest Management. CRC Press, Boca Raton, FL, pp. 1-76.
- Stebbing, E. P.** 1914. Family Cerambycidae. In: Indian Forest Insects of economic importance. London, 268-385.