

AN ANNOTATED CHECK-LIST OF ORTHOPTERA (INSECTA) FROM JAMMU & KASHMIR, INDIA

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ABSTRACT: A check-list of Orthoptera of Jammu & Kashmir including Ladakh has been provided, which includes 84 species pertaining to 58 genera under 8 families. The distribution records along with available district's records and other state in India have also been incorporated.

KEY WORDS: Orthoptera, Acrididae, Jammu and Kashmir, India

Jammu & Kashmir is located in Northern most of India enclosing an area 2,22,236 sq. km. It is situated mostly in the Himalayan mountains. It shares a border with the China to the north-east, the states of Himachal Pradesh and Punjab to the South. Jammu and Kashmir consist of three regions: Jammu, Kashmir Valley and Ladakh and is further divided in 22 districts. Jammu & Kashmir is home to several Valleys such as the Kashmir Valley, Tawi Valley, Chenab Valley, Poonch Valley, Sind Valley and Lidder Valley. The main Kashmir Valley is 100km. wide and 15, 520.30 sq.km. in area. Ladakh is famous for its unique Indo-Tibetan culture. The Jhelum river is the only major Himalayan river which flows through the Kashmir Valley. The Indus, tawi, Ravi, and Chenab are the major rivers flowing through the state. Jammu & Kashmir is home to several Himalayan glaciers, with altitude varying from 5,753metres (18,870ft.) above sea level. Siachen glacier is 70 km. long making it the longest Himalayan glacier. The vegetation of Jammu & Kashmir is distributed in three altitudinal zones : Tropical, Sub tropical and Alpine. In Alpine zone vegetation is mainly glassland, extending to the snow-line, and mixed with many herbs with beautiful flowers. In Ladakh, a cold desert stunted trees of *Juniperus religiosa* occur and besides a numbers of shrubby plants with cushion like habit occur.

The present work is an attempt to provide a check-list of Orthopteran fauna from Jammu & Kashmir. Only a little information on faunal diversity of Orthoptera of Jammu & Kashmir states has been published by the workers Uvarov (1936) reported some Orthoptera from Kashmir. Mishchenko (1950) studied some new species of Acrididae from Kashmir. Bhowmik (1971) studied three species of crickets from Jammu & Kashmir. Tandon & Shishodia (1976) recorded 19 species under 14 genera belonging to 2 families of Acridoidea from Jammu & Kashmir. Vasanth (1993) reported some species from Jammu & Kashmir. Mukherjee (1988) reported monster crickets *Schizodactylus monstrosus* (Drury) from river Basantar near Samba, Jammu. Schmidt (1998) for the first time recorded 40 species belonging 24 genera of Grylloidea from Africa, India and Nepal, of which 6 species belonging to 6 genera were from Jammu & Kashmir (India) and included the distribution of 2 species in Jammu & Kashmir. Mani (1968) reported 15 species of Orthoptera from Jammu & Kashmir including Ladakh. Mehta *et. al.* (2008) reported 9 species of Orthoptera from Ladakh. Kumar and Usmani (2016) described a new genus and species i.e *Chinabacris trisulcata* Kumar & Usmani, 2016 from Chinab River in Jammu & Kashmir.

A number of workers including Kirby (1914), Chopard (1969), Bhowmik (1969, 1985a,b,c), Shishodia & Hazra (1986), Shishodia & Tandon (1987, 1993, 2000, 2004), Shishodia & Mandal (1990), Hazra et. al. (1993, 1995), Shishodia (2000a,b,c, 2004a,b), Ingrish & Shishodia (1998), Shishodia & Kulkarni (2001), Shishodia et al. (2003), Shishodia & Barman (2004), Kulkarni & Shishodia (2005), Mandal et al. (2006, 2007) worked on the fauna of other states in India and included the distribution of some species in Jammu & Kashmir (including Ladakh).

A total of 84 species belonging 58 genera under 8 families of Orthopteran insects has been given below the table in which Acrididae (41), Pyrgomorphidae (07), Eumastacidae (06), Gryllidae (19), Trigonidiidae (02), Gryllotalpidae (01), Schizodactylidae (01) and Tettigoniidae (07), species are known from Jammu & Kashmir. This is the first comprehensive check-list on Orthopteran fauna Jammu & Kashmir including Ladakh, which is mainly based on identified specimens deposited in the National Zoological Collection, Kolkata and published information on the Orthoptera of Jammu & Kashmir.

Species Region wise with widely distributed

Jammu 23+1

Kashmir 32

Ladakh 7+1

Jammu & Kashmir 13

Jammu, Kashmir & Ladakh 2

Kashmir & Ladakh 2

Jammu & Ladakh 3

Species Region wise without widely distributed

Jammu 1

Kashmir 12

Kashmir & Ladakh 1

Jammu, Kashm & Ladakh 1

SYSTEMATIC ACCOUNT

Order ORTHOPTERA Suborder CAELIFERA Superfamily Acridoidea Family Acrididae Subfamily Acridinae

Acrida exaltata (Walker, 1859)

1859. *Truxalis exaltata* Walker, Ann. Mag. nat. Hist., 4 (3): 222.

1914. *Acrida exaltata*, Kirby, Fauna Brit. India, Orth.: 99.

1985. *Acrida exaltata*, Shishodia & Hazra, Rec. zool. Surv. India, 82 (1-4): 16.

Distribution: India: Jammu & Kashmir (Jammu : Dhanodi Nala, Pullin; Kashmir: Hunza; Udhampur: Dudder Nala, Katal Nala, Jhajjar Nala, Samroli Nala), Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Nagaland, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Iran; Pakistan; Saudi Arabia; South East Tibet; Sri Lanka; Yemen and West Aden.

Acrida lugubris Burr., 1902

1902. *Acrida lugubris* Burr., Trans. Ent. Soc. Lond.: 157, 170.

1914. *Acrida lugubris*, Kirby, Fauna Brit. India, Orth.: 112-113.

Distribution: India: Jammu & Kashmir (Kashmir: Hunza) and Tamil Nadu.

***Acrida indica* Dirsh, 1954**

1954. *Acrida indica* Dirsh, Bull. Soc. Found. Ler Entom., 38: 151.

1976. *Acrida indica*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2) : 60.

2006. *Acrida indica*, Mandal et al., State Fauna Series, 13: Fauna of Arunachal Pradesh, Part 2: 157.

Distribution: India: Jammu & Kashmir (Kashmir, Udhampur: Balli Nala), Arunachal Pradesh, Assam, Gujarat, Himachal Pradesh, Maharashtra and Pondicherry. **Elsewhere:** Afghanistan; Arabia; South East Iran; South East Tibet; West Aden and Yemen.

Subfamily Gomphocerinae

***Chorthippus indus* Uvarov, 1942**

1942. *Chorthippus (Chorthippus) indus* Uvarov, Eos. Madrid, 18: 98.

2010. *Chorthippus indus*, Singh, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 71.

Distribution: India: Jammu & Kashmir (Kashmir), Himachal Pradesh and Uttarakhand. **Elsewhere:** Baluchistan and Pakistan.

***Aulacobothrus luteipes luteipes* (Walker, 1871)**

1871. *Stenobothrus luteipes* Walker, Cat. Derm. Salt. Brit. Mus., 5 Suppl.: 82.

1971. *Dnopherula (Aulacobothrus) luteipes*: Jago, Proc. Acad. Sci. nat. Philad., 23 (8): 243.

2010. *Aulacobothrus luteipes luteipes*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 67.

Distribution: India: Jammu & Kashmir, Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Rajasthan, Sikkim, Tamil Nadu, Uttarakhand and West Bengal.

Elsewhere: Baltistan; Bangladesh; China; Europe; Japan; Myanmar; North America; Pakistan; Sri Lanka; Taiwan and Thailand.

***Aulacobothrus luteipes inferrus* (Bolivar, 1902)**

1902. *Aulacobothrus inferrus* Bolivar, Ann. Soc. ent. Fr., Paris, 70: 599.

1993. *Dnopherula (Aulacobothrus) luteipes inferrus*, Ingrisch, Ent. Scand, 24 (3): 325.

2010. *Aulacobothrus luteipes inferrus*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 67.

Distribution: India: Jammu & Kashmir, Assam, Bihar, Himachal Pradesh, Kerala, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Sikkim, Tamil Nadu and West Bengal.

Elsewhere: Bangladesh; China; Japan; Europe; Myanmar; North America; Pakistan and Sri Lanka.

Subfamily Oedipodinae

***Bryodema luctuosum indum* Saussure, 1884**

1884. *Bryodema inda*, Saussure, Mem. Soc. Geneve, 28 (9): 179, 181.

1914. *Bryodema inda*, Kirby, Fauna Brit. India, Orth.: 151.

2008. *Bryodema luctuosum indum*, Mehta et al., Proceeding of the International Conference Solan.

2010. *Bryodema luctuosum indum*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 89.

Distribution: India: Jammu & Kashmir (Ladakh, Chushul and vicinity) and Himachal Pradesh. **Elsewhere:** China; Southern Tibet to the Himalaya.

***Chinabaeris trisulcata* Kumar & Usmani, 2016**

2016. *Chinabaeris trisulcata* Kumar & Usmani, Turk. J. Zool. 40: 157-163.

Distribution: India: Jammu & Kashmir (Chinab River).

***Gastrimargus africanus africanus* (Saussure, 1888)**

1888. *Oedaleus (Gastrimargus) marmoratus* var. *africanus* Saussure, Mem. Soc. Phys. nat. Hist. Geneva, 30 (1): 39.

1995. *Gastrimargus africanus africanus*, Tandon et al., Fauna of Conservation Areas 7: Fauna of Kanha Tiger Reserve, Zool. Surv. India: 22.

2010. *Gastrimargus africanus africanus*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 90.

Distribution: India: Jammu & Kashmir (Jammu: Tawi, Pulin Nala, Puthi Khud Nala; Udhampur: Bali Nala, Duddar Nala, Jhajjar Nala), Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Himachal Pradesh, Madhya Pradesh, Meghalaya, Orissa, Rajasthan, Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Africa; Myanmar; Nepal; Pakistan; Saudi Arabia; Sri Lanka; Thailand; Tibet and Yemen.

***Gastrimargus africanus sulphureus* Bei-Bienko, 1951**

1951. *Gastrimargus sulphureus* Bei-Bienko, Oprel Faune USSR, 40: 580.

1982. *Gastrimargus africanus sulphureus*, Ritchie, Bull. Br. Mus. (Nat. Hist.). Ent., 44: 250.

2010. *Gastrimargus africanus sulphureus*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 91.

Distribution: India: Jammu & Kashmir (Kashmir), Himachal Pradesh and Uttarakhand.

Elsewhere: Mountains of Pakistan and Nepal.

***Gastrimargus marmoratus* (Thunberg, 1815)**

1815. *Gryllus marmoratus* Thunberg, Mem. Acad. Sci. St. Petersburg., 5: 232.

1910. *Gastrimargus transverses*, Kirby, Syn. Cat. Orth., 3: 226.

1982. *Gastrimargus marmoratus*, Ritchie, Bull. Br. Mus. nat. Hist. (Ent.), 44(4) : 262.

Distribution: India: Jammu & Kashmir (Ladakh: Mud Nyoma), Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Meghalaya, Nagaland, Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal. **Elsewhere:** Bangladesh; Borneo; Celebes; China; Hong Kong, Japan; Java; Korea; Lombok; Malayasia; Myanmar; Nepal; New Guinea; Philippines; Sulawesi; Sumatra; Taiwan; Thailand and Vietnam.

***Oedaleus senegalensis* (Krauss, 1877)**

1877. *Pachytylus senegalensis*, Krauss, Sber. Akad. Wiss. Wien., 76 (1): 56.

1914. *Oedaleus senegalensis*, Kirby, Fauna Brit. India, Orth., 1: 143.

1985. *Oedaleus senegalensis*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 78: 37.

Distribution: India: Jammu & Kashmir (Kashmir), Bihar, Delhi, Madhya Pradesh, Punjab, Rajasthan, Tamil Nadu, Uttarakhand and West Bengal. **Elsewhere:** Afghanistan; North Africa; Pakistan and Western U.S.S.R.

***Oedaleus abruptus* (Thunberg, 1815)**

1815. *Gryllus abruptus* Thunberg, Mem. Acad. Sci. St. Petersburg., 5: 233.

1981. *Oedaleus abruptus*, Ritchie, Bull. Br. Mus. Nat. Hist. (Ent.), 42 (3): 104-107.

1976. *Oedaleus abruptus*, Tandon & Shishodia, Newsl. Zool. Surv. India, 2 (2): 60.

1990. *Oedaleus abruptus*, Shishodia & Mandal, Rec. zool. Surv. India, 87 (1): 70.

Distribution: India: Jammu & Kashmir (Jammu: Tawi, Udhampur : Dudder Nala, Katal Nala, Nedal Nala, Bani Sangh Nala, Jhajjar Nala, Ladakh: Indus River Bank, Nyoma), Andhra Pradesh, Bihar, Chhattisgarh, Delhi, Goa, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Pondicherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; China; Indo-China; Myanmar; Nepal; Pakistan; Sri Lanka; Taiwan; Thailand and Vietnam.

***Oedipoda himalayana* Uvarov, 1925**

1925. *Oedipoda himalayana* Uvarov, Mission Babault Inde, Acrididae: 22.

1985. *Oedipoda himalayana*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No.78 : 37.

2006. *Oedipoda himalayana*, Thakur & Mattu, Zoo's Print Journal, 21 (4): 2225.

Distribution: India: Jammu & Kashmir (Kashmir, Ladakh), Himachal Pradesh and Uttarakhand. **Elsewhere:** Tibet.

***Pseudosphingonotus savignyi* (Saussure, 1884)**

1884. *Sphingonotus savignyi* Saussure, Mem. Soc. Geneve, 28 (9): 198, 208.

1914. *Sphingonotus savignyi*, Kirby, Fauna Brit. India, Orth.: 155.

1985. *Pseudosphingonotus savignyi*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 78: 39.

Distribution: India: Jammu & Kashmir (Ladakh, Loma) and Himachal Pradesh. **Elsewhere:** Afghanistan; Central Asia; North Africa; Pakistan and Russia.

***Sphingonotus longipennis* Saussure, 1884**

1884. *Sphingonotus longipennis* Saussure, Mem. Soc. Phycs. His. Nat. Geneva, 28 (9): 197, 203.

1976. *Sphingonotus longipennis*, Tandon & Shishodia, Newsl. Zool. Surv. India, 2 (2): 61.

2003. *Sphingonotus longipennis*, Shishodia et al., State Fauna Series 9: Fauna of Sikkim, Part 2, Zool. Surv. India: 186.

Distribution: India: Jammu & Kashmir (Jammu, Udhampur : Dudder Nala), Andhra Pradesh, Arunachal Pradesh, Assam, Himachal Pradesh, Manipur, Punjab, Rajasthan, Sikkim, Uttarakhand and West Bengal. **Elsewhere:** Afghanistan; Africa; Bangladesh; Europe; Mongolia; North East Nepal and South East Tibet.

***Sphingonotus balteatus* (Serville, 1839)**

1839. *Oedipoda balteata* Serville, Ins. Orth.: 734.

1888. *Sphingonotus balteatus*, Saussure, Mem. Soc. Geneve, 30 (1): 78, 86.

1914. *Sphingonotus balteatus*, Kirby, Fauna Brit. India, Orth.: 157.

1976. *Sphingonotus balteatus*, Tandon & Shishodia, Newsl. Zool. Surv. India, 2 (2): 60.

Distribution: India: Jammu & Kashmir (Jammu: Motor Shed Nala; Kashmir ; Udhampur : Bini Sang Nala, Jhajjar Nala), Maharashtra. **Elsewhere:** Aden and Perim Island.

***Sphingonotus fallax* Mishchenko, 1937**

1937. *Sphingonotus fallax* Mishchenko, Eos, 12: 153.

1985. *Sphingonotus fallax*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No.78: 41.

Distribution: India: Jammu & Kashmir (Kashmir).

***Sphingonotus kashmirensis* Uvarov, 1925**

1925. *Sphingonotus kashmirensis* Uvarov, Mission Babault Inde, Acrididae: 18.

1985. *Sphingonotus kashmirensis*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 78: 41.

Distribution: India : Jammu & Kashmir (Kashmir). **Elsewhere:** Afghanistan.

***Sphingonotus indus* Saussure, 1884**

1884. *Sphingonotus indus* Saussure, Mem. Soc. Geneve, 28 (9): 204.

1914. *Sphingonotus indus*, Kirby, Fauna Brit. India, Orth.: 156.

1985. *Sphingonotus indus*, Shishodia & Hazra, Rec. zool. Surv. India, 82 (1-4): 18.

Distribution: India: Jammu & Kashmir, Uttar Pradesh and Himalayan Region.

***Sphingonotus rubescens* (Walker, 1870)**

1870. *Oedipoda rubescens* Walker, Cat. Derm. Salt. Brit. Mus.: 301.

1914. *Sphingonotus rubescens*, Kirby, Fauna Brit. India, Orth.: 155.

Distribution: India: Jammu & Kashmir (Ladakh: Leh). **Elsewhere:** Afghanistan; Africa; Asia and Europe.

***Trilophidia annulata* (Thunberg, 1815)**

1815. *Gryllus annulatus* Thunberg, Mem. Acad. Sci. St. Petersb., 5: 234.

1914. *Trilophidia annulata*, Kirby, Fauna Brit. India, Orth.: 149.

1976. *Trilophidia annulata*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 61.

Distribution: India: Jammu & Kashmir (Jammu, Udhampur, Ladakh : Mud Nyoma), Andhra Pradesh, Arunachal Pradesh, Bihar, Chhattisgarh, Delhi, Goa, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Borneo; China; Hong Kong; Japan; Java; Korea; Malaysia; Mongolia; Myanmar; Nepal; Pakistan; Philippines; Sarawak; Singapore; Sri Lanka; Sumatra; Taiwan; Thailand and Vietnam.

Subfamily Hemiacridinae

***Hieroglyphus nigrorepletus* Bolivar, 1912**

1912. *Hieroglyphus nigrorepletus* Bolivar, Trab. Mus. Nac. Cienc. Nat. Madr., 6: 56.

1973. *Hieroglyphus nigrorepletus*, Mason, Bull. Br. Mus. Nat. Hist. Ent., 28 (7): 526.

1993. *Hieroglyphus nigrorepletus*, Hazra et al., State Fauna Series 3: Fauna of West Bengal, Part 4, Zool. Surv. India: 312-313.

Distribution: India: Jammu & Kashmir (Kashmir), Assam, Bihar, Delhi, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Uttar Pradesh and West Bengal. **Elsewhere:** Bangladesh and Pakistan.

***Spathosternum prasiniferum* (Walker, 1871)**

1871. *Heteracris* (?) *prasinifera* Walker, Cat. Derm. Salt. Br. M., 5: 65.

1914. *Spathosternum prasiniferum*: Kirby, Fauna Brit. India, Orth.: 208.

1936. *Spathosternum prasiniferum prasiniferum*: Tinkham, Lingn, Sci. J., 15: 51.

1976. *Spathosternum prasiniferum prasiniferum*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 59.

Distribution: India: Jammu & Kashmir (Jammu, Udhampur: Jhajjar Nala, Dudder Nala, Siran Nala, Katal Nala, Puthi Khud Nala), Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Bihar, Chhattisgarh, Delhi, Goa, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttarakhand and West Bengal. **Elsewhere:** Bangladesh; Hainan; Myanmar; Nepal; Pakistan; South & East China; Sri Lanka; Thailand; Vietnam and West Malaysia.

Subfamily Oxyinae

Oxya hyla hyla Serville, 1831

1831. *Oxya hyla* Serville, Annl. Sci. nat., 22: 287.

1988. *Oxya hyla hyla*, Tandon, Rec. zool. Surv. India, 85 (1): 104.

Distribution: India: Jammu & Kashmir (Kashmir), Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Goa, Delhi, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Africa; Angola; Bangladesh; Cameroun; Chad; Congo; Central African Republic; Dahomey; Ethiopia; Fernandopo; Gabon; Gambia; Ghana; Guinea; Iran; Ivory Coast; Kenya; Liberia; Madagascar; Maldives Island; Mali; Malawi; Nepal; Niger; Nigeria; Pakistan; Rhodesia; Sao Thome; Senegal; Sierra Leone; Sudan; Sri Lanka; Tanzania; Uganda and Zambia.

Oxya fuscivittata (Marschall, 1836)

1836. *Gryllus fuscovittata* Marschall, Ann. Wien. Mus. Vienna, 1 (2): 211.

1988. *Oxya fuscovittata*, Tandon, Rec. zool. Surv. India, 85 (1): 104.

Distribution: India: Jammu & Kashmir (Kashmir, Udhampur : Jhajjar Nala), Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Goa, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Pakistan and USSR (South West).

Oxya velox (Fabricius, 1787)

1787. *Gryllus velox* Fabricius, Mant. Ins., 2: 239.

1988. *Oxya velox*, Tandon, Rec. zool. Surv. India, 85 (1): 108.

Distribution: India: Jammu & Kashmir (Kashmir, Udhampur: Jhajjar Nala), Andhra Pradesh, Arunachal Pradesh, Bihar, Himachal Pradesh, Madhya Pradesh, Manipur, Maharashtra, Meghalaya, Rajasthan, Sikkim, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Balistan; Bangladesh; China; Myanmar; Pakistan; Singapore; Sri Lanka and Thailand.

Subfamily Catantopinae

Diabolocatantops innotabilis (Walker, 1870)

1870. *Acridium innotabile* Walker, Cat. Derm. Salt. Br. M., 4: 629.

1925. *Catantops innotabilis* Uvarov, Orth. Acrid.: 30.

2010. *Diabolocatantops innotabilis*, Shishodia, et al., Rec. zool. Surv. India, Occ. Pap. 314: 39.

Distribution: India: Jammu & Kashmir (Jammu: River Tawi; Udhampur: Dudder Nala, Bini Sangh Nala, Motor Shed Nala, Samroli Nala, Jhajjar Nala, Ladakh: Nyoma, Leh), Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Haryana, Himachal Pradesh, Karnataka, Kerala, Lakshadweep Island, Madhya Pradesh, Maharashtra, Meghalaya, Manipur, Nagaland, Orissa, Sikkim, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Borneo; Cambodia; China; Hong Kong; Indo-China; Japan; Java; Korea; Maldives Island; Malaysia; Myanmar; Nepal; New Guinea; Pakistan; Philippines; Sri Lanka; Sumatra; Tibet; Thailand and Yunnan.

Xenocatantops humilis humilis (Serville, 1839)

1839. *Acridium humile* Serville, Ins. Orth.: 662.

1953. *Xenocatantops humilis humilis* : Dirsh and Uvarov, Tijdschr. Ent., 96: 237.

Distribution: India: Jammu & Kashmir (Ladakh: Nyoma, Leh), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Bangladesh; Borneo; Indo-China; Java; Lombok; Malaysia; Myanmar; Nepal; New Guinea; Philippines; Sumatra; Sri Lanka; Thailand; Tibet; Vietnam and Yunnan.

***Dicranophyma babaulti* Uvarov, 1925**

1925. *Dicranophyma babaulti* Uvarov, Mission Babault Inde, Acrididae: 31.

1976. *Dicranophyma babaulti*, Tandon, Rec. zool. Surv. India, Occ. Pap. No. 3: 16.

Distribution: India: Jammu & Kashmir (Kashmir: Gond, Aug. 1914, M. Babault).

***Dicranophyma hingstoni* Uvarov, 1921**

1921. *Dicranophyma hingstoni* Uvarov, J. Bombay nat. Hist. Soc., 28: 73.

1976. *Dicranophyma hingstoni*, Tandon, Rec. zool. Surv. India, Occ. Pap. No. 3: 16.

Distribution: India: Jammu & Kashmir (Kashmir: Astor, 9000ft. 13.ix.1913 Capt. R.W.G. Hingston).

***Paraconophyma kashmiricum* Mishchenko, 1950**

1950. *Paraconophyma kashmiricum* Mishchenko, C. R. Acad. Sci. U. S. S. R. Moscow (N. S.), 72: 213.

1976. *Paraconophyma kashmiricum*, Tandon, Rec. zool. Surv. India, Occ. Pap. No. 3: 18.

Distribution: India: Jammu & Kashmir (Kashmir).

***Paraconophyma scabra* (Walker, 1870)**

1870. *Catoptenus scaber* Walker, Cat. Derm. Salt. Br. Mus., 4: 707.

2008. *Paraconophyma scabra*, Mehta et al., Proceeding of the International Conference Solan.

Distribution: India: Jammu & Kashmir, Ladakh : Nyoma Taklung (Leh), Bihar, Delhi, Himachal Pradesh, Karnataka, Manipur, Rajasthan, Tamil Nadu, Uttarakhand and West Bengal.

***Conophyma kashmiricum* Mishchenko, 1950**

1950. *Conophyma kashmiricum* Mistshenko, C. R. Acad. Sci. U. S. S. R. Moscow (N. S.) 72: 213.

1991. *Conophyma kashmiricum*, Balderson & Yin, Entomologist's Gazette, 42 (3): 195.

Distribution: India: Jammu & Kashmir (Kashmir).

***Conophyma mitchelli* (Uvarov, 1921)**

1921. *Conophyma mitchelli*, Uvarov, Ent. Mag., London, 57: 268-270.

1965. *Conophyma mitchelli*, Mishchenko, Fauna of Russia Orth.: 257.

Distribution: India: Jammu & Kashmir (Kashmir, Srinagar).

Subfamily Cyrtacanthacridinae

***Patanga succincta* (Johansson, 1763)**

1763. *Gryllus Locusta succincta* Johansson, Centuria Insectorum rariorum, Amoenitates Academicae, 6: 398.

1923. *Patanga succincta*, Uvarov, Ann. Mag. nat. Hist., 12 (9): 364.

2000. *Patanga succincta*, Shishodia, Rec. zool. Surv. India, 98 (1): 59.

Distribution: India: Jammu & Kashmir, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Himachal Pradesh, Lakshadweep Island, Maharashtra, Manipur, Meghalaya, Orissa, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.

Elsewhere: Australia; Borneo; China; Hainan Island; Japan; Java; Malaysia; Myanmar; Pakistan; Philippines; South Arabia; Sri Lanka; South East Asia; Sumatra and Taiwan.

***Cyrtacanthacris tatarica* (Linnaeus, 1758)**

1758. *Gryllus locusta tataricus* Linnaeus, Syst. Nat. (10th ed.): 432.

1923. *Cyrtacanthacris tatarica*, Uvarov, Bull. Ent. Res., 14: 39.

1976. *Cyrtacanthacris tatarica*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 60.

Distribution: India: Jammu & Kashmir (Jammu: Pulin Nala), Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Rajasthan, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal. **Elsewhere:** Africa; Bangladesh; Central America; Hainan; Indonesia; Madagascar; Mediterranean Region; Myanmar; Nepal;

Pakistan; Philippines; Red-Sea; Sahara; Saudi Arabia; Seychelles; Sri Lanka; South West Asia; Sumatra and Thailand.

***Schistocerca gregaria* (Forsk., 1775)**

1775. *Gryllus gregarius* Forskal, Descript; Anim. Ins.: 81.

1907. *Schistocerca gregaria*, Krauss, Akad. Wiss, Wien, Vienna, 71 (2): 12.

2007. *Schistocerca gregaria*, Mandal et al., Pictorial Handbook on India Shorthorned grasshopper Pests: 46.

Distribution: India: Jammu & Kashmir (Jammu), Assam, Bihar, Delhi, Gujarat, Haryana, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Sikkim and Uttar Pradesh. **Elsewhere:** Africa; Mediterranean Region; Nepal; Pakistan; Sri Lanka; South Europe; South & Central America and Western Asia.

Subfamily Eyprepocnemidinae

***Eyprepocnemis rosea* Uvarov, 1942**

1942. *Eyprepocnemis rosea* Uvarov, Ann. Mag. nat. Hist., 9 (11): 597.

1976. *Eyprepocnemis rosea*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 59.

Distribution: India: Jammu & Kashmir (Udhampur: Dudder Nala, Mandir Dasla Nala, Jhajjar Nala), Himachal Pradesh, Madhya Pradesh, Meghalaya and Uttaranchal.

Elsewhere: Bangladesh; Myanmar; Pakistan and Thailand.

Subfamily Calliptaminae

***Caloptenopsis glaucopsis* (Walker, 1870)**

1870. *Caloptenus glaucopsis* Walker, Cat. Derm. Salt. Br. Mus., 4: 702.

1950. *Caloptenopsis glaucopsis collina* Uvarov, Eos. Madrid. suppl.: 387, 394.

Distribution: India: Jammu & Kashmir (Kashmir), Andhra Pradesh, Bihar, Delhi, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Rajasthan, Tamil Nadu and Uttarakhand. **Elsewhere:** Iran and Saudi Arabia.

***Caloptenopsis liturifer* (Walker, 1870)**

1870. *Caloptenus liturifer*, Walker, Cat. Derm. Salt. Br. Mus., 4: 703.

1914. *Caloptenopsis liturifer*, Kirby, Fauna Brit. India, Orth.: 259-260.

Distribution: India: Jammu & Kashmir (Kashmir).

Family Pyrgomorphidae

***Atractomorpha crenulata* (Fabricius, 1793)**

1793. *Truxalis crenulata* Fabricius, Ent. Syst., 2: 28.

1861. *Atractomorpha crenulata*: Saussure, Annl. Soc. ent. Fr., 4: 475.

1914. *Atractomorpha crenulata*, Kirby, Fauna Brit. India, Orth.: 181.

1976. *Atractomorpha crenulata*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 58.

Distribution: India: Jammu & Kashmir (Udhampur: Jhajjar Nala), Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Gujrat, Haryana, Himachal Pradesh, Karnataka, Kerala, Lakshadweep Islands, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttaranchal, Uttar Pradesh and West Bengal. **Elsewhere:** Bangladesh; Cambodia; Laos; Malaya; Maldive Island, Myanmar; Nepal; Pakistan; Sri Lanka; Sumatra; South Vietnam and Thailand.

***Atractomorpha sinensis montana* Kevan & Chen, 1969**

1969. *Atractomorpha sinensis montana* Kevan & Chen, Zool. J. Linn. Soc., 48: 141.

1975. *Atractomorpha sinensis montana*, Kevan, Zool. J. Linn. Soc., 57 (2): 119.

Distribution: India: Jammu & Kashmir, Ladakh.

***Chrotogonus* (C.) *trachypterus trachypterus* (Blanchard, 1836)**

1836. *Ommexycha trachypterus* Blanchard, Annl. Soc. ent. Fr., 5: 618.

1976. *Chrotogonus* (*Chrotogonus*) *trachypterus trachypterus*, Tandon & Shishodia, Newsl. zool. Surv. India, 2 (2): 58.

Distribution: India: Jammu & Kashmir (Jammu), Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Madhya Pradesh, Maharashtra, Meghalaya, Orissa, Punjab, Rajasthan, Sikkim, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Iran; Nepal and Pakistan.

Aularches miliaris* (Linnaeus, 1758)**1758. *Gryllus (Locusta) miliaris* Linnaeus, Syst. Nat., (ed. X.): 432.1873. *Aularches miliaris*, Stal, Recens. Orth., i: 18.1914. *Aularches miliaris*, Kirby, Faun. Brit. India, Orth.: 168.1993. *Aularches miliaris*, Hazra et al., State Fauna Series 3: Fauna of West Bengal, Part 4: 291.**Distribution:** India: Jammu & Kashmir, Himachal Pradesh, Manipur, Meghalaya, Orissa, Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Bangladesh; Indonesia; Java; Kampuchea; Myanmar; Nepal; Pakistan; Sri Lanka; Thailand; Tibet; South Vietnam and West Malaysia.Aularches miliaris pseudopunctatus* Kevan, 1974**1974. *Aularches miliaris pseudopunctatus* Kevan, Eos, 48: 208.2001. *Aularches miliaris pseudopunctatus*, Ingrisch & Garai, Esperiana, 8: 761.**Distribution:** India: Jammu & Kashmir (Jammu: River Tawi; Udhampur: Jhajar Nala, Siaran Nala, Choe Nala, Dudder Nala).***Aularches punctatus* (Drury, 1773)**1773. *Gryllus (Locusta) punctatus* Drury, Exot. Ent.: 2.1914. *Aularches punctatus*, Kirby, Fauna Brit. India, Orth.: 169-170.**Distribution:** India: Jammu & Kashmir (Kashmir), Himachal Pradesh, Uttarakhand. **Elsewhere:** Java; Malaya; Nepal and Tibet.***Poeciloceris pictus* (Fabricius, 1775)**1775. *Gryllus pictus* Fabricius, Sys. Ent.: 289.1914. *Poeciloceris pictus*, Kirby, Fauna Brit. India, Orth.: 172.2000. *Poeciloceris pictus*, Shishodia, Rec. zool. Surv. India, 98 (1): 41.**Distribution:** India: Jammu & Kashmir, Andhra Pradesh, Assam, Bihar, Chhattisgarh (Bastar), Delhi, Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. **Elsewhere:** Afghanistan; Bangladesh; Nepal and Pakistan.**Superfamily Eumastacoidea****Family Eumastacidae****Subfamily Gomphomastacinae*****Gomphomastax kashmirica* Balderson & Yin, 1991**1991. *Gomphomastax kashmirica* Balderson & Yin, Entomologist's Gazette, 42 (3): 191.2008. *Gomphomastax kashmirica*, Usmani et al., Insecta Mundi, 33: 2.**Distribution:** India: Jammu & Kashmir (Ladakh: Tso-Morari).***Gomphomastax antennatus* Brunner, 1898**1898. *Gomphomastax antennatus* Brunner, Abh. Senckenb. Naturf. Ges., 24: 232.1914. *Gomphomastax antennatus*, Kirby, Fauna Brit. India, Orth.: 93.**Distribution:** India: Jammu & Kashmir (Kashmir).***Gomphomastax disparilis* Bolivar, 1930**1930. *Gomphomastax disparilis* Bolivar, Trab. Mus. Cienc. nat. Madrid, 46: 300.2010. *Gomphomastax disparilis*, Shishodia et al., Rec. zool. Surv. India, Occ. Pap. 314: 122.**Distribution:** India: Jammu & Kashmir (Kashmir).***Gomphomastax nigrovittata* Usmani, 2008**2008. *Gomphomastax nigrovittata* Usmani et al., Insecta Mundi, 33: 1, 2.2010. *Gomphomastax nigrovittata*, Shishodia et al., Rec. zool. Surv. India, Occ. Pap. 314: 122.**Distribution:** India: Jammu & Kashmir.***Phytomastax bolivari* (Uvarov, 1936)**1936. *Gomphomastax bolivari* Uvarov, Opuse. ent. Soc. Lond., 1 (10): 18.1991. *Gomphomastax kashmirica* Balderson & Yin, Entomologist's Gazette, 42 (3): 192.**Distribution:** India: Jammu & Kashmir (Kashmir, Ladakh: Tragbal Pass).

***Gyabus fusiformis* (Bei-Bienko, 1949)**

1949. *Pachymastax fusiformis* Bei-Bienko, C. R. Acad. Sci. U. R. S. S. Moscow (N. S.), 64: 733.

2008. *Gyabus fusiformis* Özdikmen, Zootaxa, 1763: 68.

2010. *Gomphomastax nigrovittata*, Shishodia et al., Rec. zool. Surv. India, Occ. Pap. 314: 122.

Distribution: India: Jammu & Kashmir (Kashmir: West Ladakh, Indus River).

Suborder ENSIFERA
Superfamily Grylloidea
Family Gryllidae
Subfamily Gryllinae

***Acheta domesticus* Linnaeus, 1758**

1758. *Gryllus Acheta domesticus* Linne, Syst. Nat., 1: 428.

1969. *Gryllus domesticus*, Chopard, Fauna of India, Orth., 2 *Grylloidea*: 37.

1998. *Acheta domesticus*, Schmidt, J. Ent. Res. Soc., 1 (1): 42.

Distribution: India: Jammu & Kashmir (Kashmir, Srinagar), Chhattisgarh, Chandigarh, Delhi, Himachal Pradesh, Kerala, Maharashtra, Madhya Pradesh, Punjab, Rajasthan, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Pakistan.

***Gymnogryllus kashmirensis* Bhowmik, 1967**

1967. *Gymnogryllus kashmirensis* Bhowmik, Sci. & Cult., 33: 244-246.

1993. *Gymnogryllus kashmirensis*, Vasanth, Rec. zool. Surv. India, Occ. Paper No. 132: 32.

Distribution: India: Jammu & Kashmir (Jammu: Jhajjar Nala), Assam, Bihar, Goa, Gujarat, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Meghalaya, Pondicherry, Rajasthan, Tamil Nadu, Uttarakhand and West Bengal. **Elsewhere:** Indonesia (Java); Myanmar and South Vietnam.

***Gryllus bimaculatus* De Geer, 1773**

1773. *Gryllus bimaculatus* De Geer, Mem. Ins., 3: 521.

1969. *Gryllus bimaculatus*, Chopard, Fauna of India, Orth., 2 *Grylloidea*: 35.

1993. *Gryllus bimaculatus*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 69.

Distribution: India: Jammu & Kashmir (Kashmir : Gandharal, Gilgit), Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Chandigarh, Delhi, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Pondicherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal. **Elsewhere:** Africa; Malaysia; Mediterranean Region; Myanmar; Nepal; Pakistan; Singapore and Sri Lanka.

***Grylloides sigillatus* (Walker, 1869)**

1869. *Gryllus sigillatus* Walker, Cat. Derm. Salt, Brit. Mus., 1: 46.

1969. *Grylloides sigillatus*: Chopard, Fauna of India, Orth., 2 *Grylloidea*: 85.

1985. *Grylloides sigillatus*, Bhowmik, Rec. zool. Surv. India, 73: 46.

Distribution: India: Jammu & Kashmir (Jammu: Barwal Kathua), Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Malacca; Malaysia; Pakistan and Sri Lanka.

***Teleogryllus bicoloripes* (Chopard, 1969)**

1969. *Gryllus bicoloripes*, Chopard, Fauna of India, Orth., 2 *Grylloidea*: 49-51.

1993. *Teleogryllus bicoloripes*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 78.

Distribution: India: Jammu & Kashmir (Jammu), Meghalaya and Orissa. **Elsewhere:** Myanmar.

***Plebeogryllus guttiventris* (Walker, 1871)**

1871. *Gryllus guttiventris* Walker, Cat. Derm. Salt, Brit. Mus., 5 (Suppl.): 6.

1998. *Plebeogryllus guttiventris*, Schmidt, J. Ent. Res. Soc., 1 (1): 43.

Distribution: India: Jammu & Kashmir (Jammu: Tawi), Andhra Pradesh, Bihar, Chandigarh, Chhattisgarh, Delhi, Goa, Haryana, Himachal Pradesh, Karnataka, Kerala,

Madhya Pradesh, Maharashtra, Manipur, Orissa, Pondicherry, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Myanmar and Sri Lanka.

***Platygyrillus melanocephalus* (Serville, 1839)**

1839. *Gryllus melanocephalus* Serville, Histoire naturelle des insectes. In Ropert, Collection des Suits a Buffon. Orthopteres: 342.

1961. *Platygyrillus melanocephalus*, Chopard, Eos, Madr., 37: 276.

1985. *Platygyrillus melanocephalus*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 73: 29.

Distribution: India: Jammu & Kashmir (Kashmir: Srinagar, Paddar, Kishtrawar), Bihar, Chandigarh, Gujarat, Himachal Pradesh, Jharkhand, Madhya Pradesh, Orissa, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Bangladesh; Myanmar and Nepal.

***Velarifictorus aspersus* (Walker, 1869)**

1869. *Acheta aspersus* Walker, Cat. Derm. Salt. Br. Mus. Lond, 1: 39.

1964. *Velarifictorus aspersus*, Randell, Canad. Ent., 96: 1587.

1993. *Velarifictorus aspersus*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 37.

Distribution: India: Jammu & Kashmir (Jammu), Andhra Pradesh, Arunachal Pradesh, Assam, Chandigarh, Delhi, Karnataka, Kerala, Maharashtra, Meghalaya, Tamil Nadu, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Annam; Borneo; China; Java; Hong Kong; Malaysia; Myanmar; Philippines; Selangor; Singapore; Sri Lanka and Taiwan.

***Gryllopsis falconneti* (Saussure, 1877)**

1877. *Grylloides falconneti* Saussure, Mem. Soc. Geneve, 25: 230.

1969. *Gryllopsis falconneti*, Chopard, Fauna of India, Orth., 2 Grylloidea: 70.

1993. *Gryllopsis falconneti*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 56.

Distribution: India: Jammu & Kashmir (Jammu), Madhya Pradesh, Maharashtra, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Pakistan and Sri Lanka.

***Turanogryllus jammuensis* (Bhowmik, 1967)**

1967. *Gryllopsis jammuensis* Bhowmik, Proc. Ind. Sci. Cong. Assoc. Benaras, Part B: 491.

1971. *Turanogryllus jammuensis*, Bhowmik, J. Bombay nat. Hist. Soc., 72 (2): 375.

1985. *Turanogryllus jammuensis*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 73: 43.

Distribution: India: Jammu & Kashmir (Jammu : Jhajjorkotli), Chandigarh, Himachal Pradesh, Tamil Nadu and Uttarakhand. **Elsewhere:** Pakistan.

***Loxoblemmus animae* Bhowmik, 1967**

1967. *Loxoblemmus animae* Bhowmik, Sci. & Cult., 33: 244.

1977. *Loxoblemmus animae*, Bhowmik, Rec. zool. Surv. India, 73: 24.

1998. *Loxoblemmus animae*, Schmidt, J. Ent. Res. Soc., 1 (1): 44.

Distribution: India: Jammu & Kashmir (Jammu, Udhampur and Jhajjar), Haryana and Uttar Pradesh.

***Loxoblemmus equestris* Saussure, 1877**

1877. *Loxoblemmus equestris* Saussure, Mem. Soc. Geneve, 25: 252.

1969. *Loxoblemmus equestris*, Bhowmik, Zoologischer Anzeiger, 182: 143-152.

1993. *Loxoblemmus equestris*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 47.

1998. *Loxoblemmus animae*, Schmidt, J. Ent. Res. Soc., 1 (1): 44.

Distribution: India: Jammu & Kashmir (Jammu: Jujjar; Udampur), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Madhya Pradesh, Manipur, Meghalaya, Orissa, Punjab, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** China; Celebes; Indonesia (Java); Japan; Malaysia; Myanmar and Sri Lanka.

***Loxoblemmus macrocephalus* Chopard, 1969**

1969. *Loxoblemmus macrocephalus* Chopard, Fauna of India, Orth., 2 Grylloidea: 130.

1993. *Loxoblemmus equestris*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 45.

Distribution: India: Jammu & Kashmir (Jammu, Jhajharkoli), Arunachal Pradesh, Assam, Himachal Pradesh, Uttarakhand and West Bengal.

***Landreva semialata* Chopard, 1928**

1928. *Landreva semialata* Chopard, Rec. Ind. Mus., 30: 20.

1969. *Landreva semialata* Chopard, Fauna of India, Orth., 2 Grylloidea: 146-147.

Distribution: India: Jammu & Kashmir (Kashmir: Punch; Nadar), Karnataka, Maharashtra and Tamil Nadu.

Subfamily Nemobiinae***Paranemobius pictus* (Saussure, 1877)**

1877. *Pseudonemobius pictus* Saussure, Mem. Soc. Geneva, 25: 67.

1984. *Paranemobius pictus*, Bhowmik, Bull. zool. Surv. India, 6 (1-3): 113.

Distribution: India: Jammu & Kashmir (Kashmir), Andhra Pradesh, Bihar, Chhattisgarh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Tamil Nadu and West Bengal.

Elsewhere: Sri Lanka.

***Pteronemobius fascipes* (Walker, 1869)**

1869. *Eneoptera fascipes* Walker, Cat. Derm. Salt. Brit. Mus., 1: 67.

1967. *Pteronemobius fascipes*, Chopard, Orth. Cat., 10: 169.

1993. *Loxoblemmus equestris*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 84.

Distribution: India: Jammu & Kashmir, Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Haryana, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Orissa, Sikkim, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** China; Indonesia (Java); Malaysia; Myanmar; Philippines; Singapore; Sri Lanka and Taiwan.

Subfamily Eneopterinae***Xenogryllus* sp.**

1890. *Xenogryllus*, Bolivar, Jorn. Sci. Lisboa, 1 (2): 232.

1998. *Xenogryllus*, Schmidt, J. Ent. Res. Soc., 1 (1): 50.

2007. *Xenogryllus*, Saini & Mehta, Bionotes, 9 (3): 77.

Distribution: India: Jammu & Kashmir (Jammu: Tawi), Himachal Pradesh and Madhya Pradesh.

***Euscyrthus hemelytrus* (Haan, 1842)**

1842. *Euscyrthus hemelytrus* Haan, Temminck Verhandl. Orth.: 213.

1985. *Euscyrthus hemelytrus*, Bhowmik, Rec. zool. Surv. India, Occ. Pap. No. 73: 68.

Distribution: India: Jammu & Kashmir, Andaman & Nicobar Islands, Assam, Kerala, Orissa, Tamil Nadu, Tripura, Uttarakhand and West Bengal. **Elsewhere:** Australia; Batavia; China; Japan; Java; Kuala Lumpur; Korea; Malaysia; Moluccas; Myanmar; North America; Philippines; Sri Lanka and Taiwan.

Subfamily Cacoplistinae***Cacoplistes rogenhoferi* Saussure, 1877**

1877. *Cacoplistes rogenhoferi* Saussure, Mem. Soc. Geneve, 25: 329.

1969. *Cacoplistes rogenhoferi*, Chopard, Fauna of India, Orth., 2 Grylloidea: 228-229.

1993. *Cacoplistes rogenhoferi*, Vasanth, Rec. zool. Surv. India, Occ. Pap. No. 132: 20.

Distribution: India: Jammu & Kashmir (Kashmir), Assam, Chandigarh and West Bengal. **Elsewhere:** Australia and Tonkin.

Family Trigonidiidae***Trigonidium cicindeloides* Rambur, 1839**

1839. *Trigonidium cicindeloides* Rambur, Faune Andal., 2: 39.

1998. *Trigonidium cicindeloides*, Schmidt, J. Ent. Res. Soc., 1 (1): 49.

Distribution: India: Jammu & Kashmir (Jammu: Tawi), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Chandigarh, Delhi, Goa, Himachal Pradesh, Karnataka, Lakshadweep, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Orissa, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Africa; Bhutan; China; Japan; Korea; Madagascar; Malaysia; Maldive Islands; Mauritius; Mediterranean Regions; Myanmar; Nepal; South Europe, Sri Lanka and Vietnam.

***Homoeoxipha lycoides* (Walker, 1869)**

1869. *Phyllopalpus lycoides* Walker, Cat. Derm. salt. Brit. Mus., 1: 71.

1969. *Homoeoxipha lycoides*, Chopard, Fauna of India, Orthopt. 2 Grylloidea: 275.

1998. *Homoeoxipha lycoides*, Schmidt, J. Ent. Res. Soc., 1 (1): 48.

Distribution: India: Jammu & Kashmir (Jammu: Tawi), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Karnataka, Lakshadweep Islands,

Meghalaya, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal. **Elsewhere:** Australia; Bangladesh; China; Malaysia; Maldiv Islands, Myanmar; Nepal; Queensland; Perak; Singapore; Sri Lanka and Taiwan.

Superfamily Gryllotalpoidea

Family Gryllotalpidae

Gryllotalpa africana Beauvois, 1805

1805. *Gryllotalpa africana* Beauvois, Ins. Afr. Amer.: 229.

1936. *Gryllotalpa africana*, Chopard, Ceylon J. Sc., 20 (B): 19.

2000. *Gryllotalpa africana*, Shishodia, Rec. zool. Surv. India, 98 (3): 1.

Distribution: India: Jammu & Kashmir (Kashmir), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Delhi, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Meghalaya, Orissa, Pondicherry, Rajasthan, Tamil Nadu, Tripura, Uttarakhand, Uttar Pradesh and West Bengal. **Elsewhere:** Africa; Bhutan; Iran; Madagascar; Malaysia; Myanmar; Nepal; Pakistan; Singapore; Sri Lanka and South Spain.

Superfamily Schizodactyloidea

Family Schizodactylidae

Schizodactylus monstrosus (Drury, 1773)

1773. *Gryllus* (*Acheta*) *monstrosus* Drury, Illustrations of Natural History. Exotic Insects, according to their different genera, 2: 81.

1988. *Schizodactylus monstrosus*, Mukherjee, J. Bombay nat. Hist. Soc., 85 (2): 443-444.

2005. *Schizodactylus monstrosus*, Chandra and Gupta, Insect Environment, 11 (2): 56.

Distribution: India: Jammu & Kashmir (Jammu: Samba: Basantar River), Assam, Bihar, Chhattisgarh, Rajasthan and West Bengal.

Superfamily Tettigonioidea

Family Tettigoniidae

Ectadia pilosa Brunner, 1878

1878. *Ectadia pilosa* Brunner, Monographie der Phaneropteriden: 103.

1906. *Ectadia pilosa*, Kirby, Orth. Cat. Part I: 397.

1998. *Ectadia pilosa* Ingrisch, Tijdschr. Entomol., 141: 68.

Distribution: India: Jammu & Kashmir (Kashmir: Vienna Museum).

Phaneroptera (Phaneroptera) myllocerca Ragge, 1956

1956. *Phaneroptera myllocerca* Ragge, Proc. Zool. Soc. Lond., 127: 254.

2006. *Phaneroptera myllocerca*, Shishodia, State Fauna Series, 12: Fauna of Nagaland, Zool. Surv. India: 91.

Distribution: India: Jammu & Kashmir (Kashmir), Arunachal Pradesh, Himachal Pradesh, Sikkim and Uttarakhand. **Elsewhere:** China; Myanmar and Yunnan.

Conocephalus (Anisoptera) maculatus (Le Guillou, 1841)

1841. *Xiphidion maculatum* Le Guillou, Revue. Suisse Zool., 4: 294.

1980. *Conocephalus maculatus*, Pitkin, Bull. Br. Mus. nat. Hist. (Ent.), 41 (5): 344.

2010. *Conocephalus (Anisoptera) maculatus*, Shishodia et al., Rec. zool. Surv. India, Occ. Pap. 314: 283.

Distribution: India: Jammu & Kashmir, Andaman & Nicobar Islands, Arunachal Pradesh, Chhattisgarh, Himachal Pradesh, Kerala, Madhya Pradesh, Maharashtra, Manipur, Mizoram, Orissa, Sikkim, Tamil Nadu, Tripura, Uttarakhand and West Bengal. **Elsewhere:** Africa; Australia; Hong Kong; Indonesia; Java; Malaysia; Nepal; New Guinea; Philippines and Sierra Leone.

Ducetia japonica (Thunberg, 1815)

1815. *Locusta japonica* Thunberg, Mem. Acad. Sci. St. Petersburg. (Sci. Phys.), 5: 282.

1842. *Locusta (Phaneroptera) quinquenervis* Haan, Verh. Nat. ges. Ned. Overz. Bezitt., Zool (Ins.): 193.

1998. *Ducetia japonica*, Ingrisch & Shishodia, Mitt. Schweig. Ent. Ges., 71: 360.

Distribution: India: Jammu & Kashmir (Kashmir: Srinagar), Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh,

Maharashtra, Manipur, Meghalaya, Sikkim, Tamil Nadu and West Bengal. **Elsewhere:** Australia; Bangladesh; Borneo; China; Formosa; Hainan; Indo-China; Japan; Java; Kuala Lumpur; Myanmar; Nepal; New Guinea; Pakistan; Philippines; Selangor; Singapore; Solomon Island; Sri Lanka, South & East Asia; Thailand; Tibet and Tonkin.

Platycleis (Platycleis) kashmira (Uvarov, 1930)

1930. *Metriopectera kashmira* Uvarov, Ann. Mag. nat. Hist., 5 (10): 402.

1951. *Platycleis kashmira*, Ramme, Mitt. Zool. Mus. Berlin, 27: 259.

2010. *Platycleis (Platycleis) kashmira*, Shishodia et al., Rec. zool. Surv. India, Occ. Pap. 314: 324.

Distribution: India: Jammu & Kashmir (Kashmir: Sri Nagar: Perimahal, 5000ft, 10.X.1923).

Subfamily Pseudophyllinae

***Hyphinomos fasciata* Uvarov, 1921**

1921. *Hyphinomos fasciata* Uvarov, Jour. Bombay Nat. Hist. Soc., 28: 74.

1994. *Hyphinomos fasciata* Jin, Xiangbao & Xia, Jour. Orth. Res., 3: 30.

Distribution: India: Jammu & Kashmir (Ladakh: Dakar). **Elsewhere:** Eurasia; China; Xizang, Dakar (N. M. London).

***Metriopectera* sp.**

1838. *Decticus* (Metriopectera) Wesmael, Bull. Acad. Sci. Bruxelles, 5: 592.

Distribution: India: Jammu & Kashmir (Kashmir: Tragbal Pass) and Himachal Pradesh.

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Table. Name of families, No. of genera and No. of species of Orthoptera from Jammu & Kashmir.

S. No.	Name of families	No. of genera	No. of Species
1.	Acrididae	23	41
2	Pyrgomorphidae	4	7
3.	Eumastacidae	2	6
4.	Gryllidae	14	19
5.	Trigonidiidae	2	2
6.	Gryllotalpidae	1	1
7.	Schizodactylidae	1	1
8.	Tettigoniidae	7	7
	Total	57	84