

### SUMMARY

A comprehensive account of the Muscid fauna of Uttarakhand is consist 22 species under 11 genera of 4 subfamilies from this State, and 6 species are recorded for the first time. Keys and diagnostic characters to the identification of families, genera and species are reported here. Among the 22 species are reported here, three species viz., *Hydrotaea cilifemorata* Emden, *Myospila bina brunneiofemorata* Emden and *Stomoxys pullus* Austen are confined to India. 7 species restricted in

the boundary of Oriental Region, 4 species upto Palaearctic Region, and rest extend their range of distribution beyond the Oriental and Palaearctic Regions.

### ACKNOWLEDGEMENTS

I wish to express my thanks to the Director, Zoological Survey of India, for the necessary facilities and encouragement. Thanks are also due to Dr. A.K. Hazra, Scientist 'E' (Retd.) for kindly going through the manuscript and making useful suggestions.

### REFERENCES

- Emden, F.I. Van, 1965. The Fauna of India and the adjacent countries, Diptera, Muscidae, 7(1) : 647 pp. Govt. of India, New Delhi.
- McAlpine, J.F and D.M. Wood (eds.) 1989. Manual of Nearctic Diptera, Vol. 3. Research Branch, Agriculture Canada, Monograph 32.
- Mitra B. and Parui, P. 1995. Studies on Muscidae (DIPTERA) Fauna of Bay Islands. *J. Andaman Sci. Assoc.*, 11(1 & 2) : 79-81.
- Mitra, B. 2000. Diptera : Muscidae, *In* : Fauna of Tripura, *State Fauna ser.*, 7(3) : 261-269, Zoological Survey of India, Kolkata.
- Mitra, B. 2003. Diptera : Muscidae, *In* : Fauna of Sikkim, *State Fauna ser.*, 9(3) : 401-411, Zoological Survey of India, Kolkata.
- Mitra, B. 2004. Diptera : Muscidae, *In* : *Fauna of Manipur, State Fauna ser.*, 10(2) : 503-508, Zoological Survey of India, Kolkata.
- Mitra, B., Sharma, R.M. and Parui, P. 2005. Inventory of the True flies (DIPTERA) of the Thar desert. *Rec. zool. Surv. India*, 104(1-2) : 147-155.
- Mitra, B. 2006. Diptera : Muscidae, *In* : Fauna of Arunachal Pradesh, *State Fauna ser.*, 13(2) : 355-367, Zoological Survey of India, Kolkata.
- Mitra, B., Ahmed, S. and Sharma, R.M. 2006. A Checklist of House-flies (Diptera : Muscidae) of North east India *Uttar Pradesh. J. Zool.*, 26(1) : 83-89.
- Mitra, B. 2006. Diptera : Muscidae, *In* : *Fauna of Nagaland, State Fauna ser.*, 12 : 193-197. Zoological Survey of India, Kolkata.
- Pont, A.C. 1977. Family Muscidae. *In* : M.D. Delfinado and D.E. Hardy (eds). *A Catalogue of Diptera of the Oriental region*, 3 : 451-523. Univ. Hawaii Press, Honolulu.
- Pont, A.C. 1986. Family Muscidae, pp. 57-215. *In* : Süos, A. & L. Papp (eds.) *Catalogue of the Palaearctic Diptera*, Vol. II, Hungarian Natural History Museum, Budapest.
- Skidmore, P., 1985. *The biology of the Muscidae of the world. Series entomologica*, 5 : 29, xiv + 550p. Junk, Dordrecht.
- Shinonaga, S. and Singh, M.M. 1994. Muscidae of Nepal (Diptera), I. Muscinae, Stomoxyinae and Phaoniinae. *Jpn. J. Sanit. Zool.*, 45 (supp.) : 99-177.
- Vockeroth, J.R. 1972. A review of the World genera of Mydaeinae, with a revision of the species of New Guinea and Oceania (Diptera : Muscidae), *Pacif. Insects. Monogr.*, 29 : 1-34.



Rec. zool. Surv. India : 111(Part-2) : 75-88, 2011

## ON A COLLECTION OF INSECTA : COLEOPERA : CERAMBYCIDAE AND CURCULIONIDAE (BRACHYDERINAE AND OTIORRHYNCHINAE) FROM UTTARAKHAND

P. MUKHOPADHYAY

Zoological Survey of India, M-Block, New Alipore,  
Kolkata-700 053

### INTRODUCTION

The members of the family Cerambycidae are commonly known as longicornia or Longicorn beetles. It includes 35,000 species under 4,000 genera in 11 subfamilies from the world (Lawrence, 1982). The number of species known to occur in the Indian region over 1,200. Of which 490 species belong to the subfamily Cerambycinae and 720 species in the subfamily Lamiinae. Over 200 further species have been described since 1914. Of them about 156 species of Cerambycinae and 224 species of Lamiinae are found to attack trees, shrubs, woody climber, vians etc. (Beeson, 1941). Major workers on this family are Gahan (1906), Stebbing (1914), Beeson (1941), Breuning (1960-66).

The members of the family Curculionidae are commonly known as weevils and belongs to the superfamily Curculionoidea under the suborder Rhynchophora of the Order Coleoptera. Subfamily Otiorrhynchinae, Brachyderinae and Tanyrrhynchinae that are known from India (Marshal, 1916) belongs to the section Adelognathi which include short snouted weevils. The members of the subfamily Brachyderinae can be easily distinguished by its scrobes being lateral in position and the sublinear furrow curving downward in front of the eye. The members of the subfamily Otiorrhynchinae can easily be distinguished by its prothorax without post ocular lobes or vibrissae. Their members are found to occur in variable habitat and majority of them appear to feed in rotten wood, cambium of roots, stems, flowers, seeds and many of them are also found in soil as a root feeder. They are very economically important because they eat flower buds, seed, young fruits and also act as defoliators, leaf miners, stem and collar borers, wood borers etc. Major worker on this group are Schönherr, Boheman,

Gyllen & Fahreus (1833-1885), Lacordaire (1866), VonHarold (1871), G.A.K. Marshal (1916) etc.

Present study is based on the collection made by the different survey parties of Zoological survey of India including the earlier material present in the Coleoptera Section have also been included. Distributional data and synonymies of each species has also been given from published records as well as actual study of the specimens.

### SYSTEMATIC ACCOUNT (LIST OF TAXA)

Family CERAMBYCIDAE

Subfamily LAMIINAE

Tribe MESOSINI

Genus *Cacia* Newmann, 1842

Subgenus *Pericacia* Breuning

1. *Cacia (Pericacia) cretifera* (Hope)

Genus *Mesosa* Latreille, 1829

2. *Mesosa indica* (Breun)

Genus *Coptops* Serville, 1835

3. *Coptops aedificator* (F.)

Tribe XENOLEINI

Genus *Xenolea* Thomson, 1864

4. *Xenolea asiatica* (Pic.)

Tribe AGNIINI

Genus *Blepephaeus* Pascoe, 1866

5. *Blepephaeus nigrosparus* Pic.

Genus *Monochamus* Guerin-Meneville, 1826

6. *Monochamus bimaculatus* Gahan

Tribe BATOCERINI

Genus *Batocera* Castelnau, 1840

7. *Batocera rubus* (Linne)

Genus *Apriona* Chevrolat, 1852

8. *Apriona cinerea* Chevrolat

- Tribe APOMECCYNINI  
Genus *Ropica* Pascoe, 1858
9. *Ropica rufescens* (Pic.)  
Genus *Apomeccyna* Latreille, 1829
10. *Apomeccyna histrio* (F.)  
Tribe PTEROPLINI  
Genus *Sthenias* Castelnau, 1840
11. *Sthenias grisator* F.  
Genus *Pterolophia* Newmann, 1842  
Subgenus *Mimoron* Pic.
12. *Pterolophia (Mimoron) brevigibbosa* Pic.  
Subgenus *Pterolophia s.str.*
13. *Pterolophia (s.str.) occidentalis* (Schew)  
Genus *Desisa* Pascoe, 1865  
Subgenus *Desisa* Pascoe
14. *Desisa (s.str.) subfasciata* (Pascoe)
15. *Desisa (s.str.) plagiata* Breuning  
Tribe ACANTHOCININI  
Genus *Exocentrus* Mulsant, 1839  
Subgenus *Pseudocentrus* Fairmaire
16. *Exocentrus (Pseudocentrus) flemingiae* Fisher
17. *Exocentrus (Pseudocentrus) grcurae* (Fish.)
18. *Exocentrus (Pseudocentrus) dalbergiae* (Fish.)
19. *Exocentrus (Pseudocentrus) cudraminae* (Fish.)
20. *Exocentrus (Pseudocentrus) alboguttatus* (Fish.)  
Tribe DORCASHEMATINI  
Genus *Olenecamptus* Chevrolat, 1835
21. *Olenecamptus indianus* Thomson
22. *Olenecamptus bilobus* (F.)  
Tribe SAPERDINI  
Genus *Glenea* Newmann, 1842  
Subgenus *Glenea s.str.*
23. *Glenea (s.str.) maculata* (Hope)  
Subgenus *Stiroleneia* Aurivillius
24. *Glenea (Stiroleneia) spilota* (Thomson)  
Tribe CROSSOTINI  
Genus *Moechotypa* Thomson, 1864
25. *Moechotypa asiatica* (Pic.)  
Subfamily PRIONINAE  
Genus *Lophosternus* Guer., 1844
26. *Lophosternus hugelii* Redtenb.  
Subfamily LEPTURINAE  
Genus *Apioccephalus* Gahan, 1898  
*Apioccephalus licheneus* Gahan  
Subfamily CERAMBYCINAE  
Group ASEMINI  
Genus *Tetropium* Kirby, 1837
27. *Tetropium oreinum* Gahan
- Genus *Criocephalus* Mulsant, 1839
28. *Criocephalus unicolor* Mshl.  
Group OEMINI  
Genus *Xystrocera* Serv., 1869
29. *Xystrocera globosa* Oliv.  
Group CERAMBYCINI  
Genus *Aeolesthes* Gahan, 1890
30. *Aeolesthes holosericea* Fab.  
Genus *Diorthus* Gahan, 1891
31. *Diorthus simplex* White  
Genus *Derolus* Gahan, 1891
32. *Derolus mauritanicus* Buquet  
Group MYTHODINI  
Genus *Phyodexia* Pascoe, 1871
33. *Phyodexia concinna* Pascoe  
Group PURPURICENINI  
Genus *Purpuricenus* Latrielle, 1829
34. *Purpuricenus montanus* White  
Group PYRESTINI  
Genus *Erythrus* White, 1853
35. *Erythrus westwoodi* White  
Group CLYTINI  
Genus *Xylotrechus* Chevrolat, 1860
36. *Xylotrechus stebbingi* Gahan
37. *Xylotrechus subscutellatus* Chev.  
Genus *Perissus* Chevrolat, 1863
38. *Perissus fuliginosus* Chev.  
Genus *Caloclytus* Fairm., 1864
39. *Caloclytus annularis* F.  
Group EPIPEDOCERINI  
Genus *Epipedocera* Chevrolat, 1863
40. *Epipedocera affinis* Chev.  
Family CURCULIONIDAE  
Division ADELOGNATHI  
Subfamily BRACHYDERINAE  
Group BLOSYRIDES  
Genus *Blosyroides* Jek., 1875
1. *Blosyroides variegates* (Redtenbacher)  
Group TANYMECIDES  
Genus *Tanymecus* Schönh., 1826
2. *Tanymecus circumdatus* var. *rusticus* Gyll.
3. *Tanymecus agrestis* Fst.  
Genus *Dereodus* Schönh., 1826
4. *Dereodus polinosus* (Redt.)  
Genus *Astycus* Schönh., 1826
5. *Astycus lateralis* (F.)

Genus *Lepidospyris* Mshl., 1916

6. *Lepidospyris cretacea* Faust.  
7. *Lepidospyris demissa* Mshl.

Genus *Leptomias* Fst., 1866

8. *Leptomias angustatus* (Redt.)  
9. *Leptomias lituratus* (Redt.)  
10. *Leptomias curtus* Mshl.  
11. *Leptomias jekeli* Fst.  
12. *Leptomias bipustulatus* Fst.  
13. *Leptomias sulcicollis* Mshl.  
14. *Leptomias longulus* (Fst.)  
15. *Leptomias curvipes* Mshl.

Genus *Xylinophorus* Faust, 1885

16. *Xylinophorus strigifrons* Fst.

Genus *Pachynotus* Redt., 1848

17. *Pachynotus globulicollis* Redt.

Genus *Achlaenomus* Waterhouse, 1853

18. *Achlaenomus ebeninus* Waterhouse

## Subfamily OTIORRHYNCHINAE

## Group PHYLLOBIIDES

Genus *Myllocerus* Schönh., 1826

19. *Myllocerus setulifer* Desbr.  
20. *Myllocerus setulifer* Mshl.  
21. *Myllocerus setulifer* (Hbst.)  
22. *Myllocerus setulifer* Mshl.  
23. *Myllocerus setulifer* Mshl.  
24. *Myllocerus setulifer* Boh.  
25. *Myllocerus setulifer* Mshl.

Genus *Arrhines* Schönh., 1834

26. *Arrhines languides* Gyllenhal

## SYSTEMATIC ACCOUNT

## Family CERAMBYCIDAE

## Subfamily LAMIINAE

## Tribe MESOSINI

Genus *Cacia* Newmann, 1842

1842. *Cacia* Newmann, *Ent.*, **1** : 290 (Type *spinigera* Newmann).  
1864-65. *Cacia*, Pascoe, *Trans. Ent. Soc. Lond.*, (2)**3** : 106.  
1869. *Cacia*, Lacordaire, *Gen. Col.* **9** : 369, 374.  
1939. *Cacia*, Breuning, *Ent. Nov.*, 3rd *Supp.* **55** : 435-460.  
1951. *Cacia*, Gressitt, *Longicornia*, **2** : 421-424.  
1970. *Cacia*, Rendon & Breuning, *Pac. Ins. Monograph*, **24** : 19-21.

Subgenus *Pericacia* Breuning

1970. *Cacia (Pericacia)* Rendon & Breuning, *Pac. Ins. Monograph*, **24** : 19-20.

*Cacia (Pericacia) cretifera* (Hope)

1831. *Lamia cretifera* Hope, *In Grey. Zool. Misc.*, 27.  
1865. *Cacia incensa* Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** : 112, note.  
1939. *Cacia crucifera* Breuning, *Ent. Nov.*, 3rd *supp.* **55** : 459.  
1970. *Cacia (Pericacia) cretifera* (Hope), Rendon & Breuning, *Pac. Ins. Monograph*, **24** : 19-20.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun : Nakronda, 2.viii.1936, 6682/H4, FRI, Deh.; 1 ex., Dehradun 23.vi.1934, 6683/H4, FRI, Deh.

*Distribution* : India : Uttarakhand (Dehradun), Himalaya, Assam, Andaman Island.

*Elsewhere* : Southern Asia, Indochina, Laos, Tenasserim, South China, Myanmar.

*Remarks* : This species first time recorded from this state.

Genus *Mesosa* Latreille, 1829

1829. *Mesosa* Latreille, *In Cuvier, Regne Anim. Ins.* **2**(2) : 124 (Type : *curculionoides* Linne).  
1829. *Mesosa*, Castelnau, 1840. *Hist. Nat. Col.* **2** : 463.  
1869. *Mesosa*, Lacordaire, *Gen. Col.*, **9** : 369, 378.  
1939. *Mesosa*, Breuning, *Ent. Nov.*, 3rd *Supp.* **55** : 403-09.  
1970. *Mesosa*, Rendon & Breuning, *Pacific Insect Monograph*, **24** : 11-16.

*Mesosa indica* (Breun.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun : Lachiwala, 1.vii.1930, 6684/H4, FRI.; 1 ex., Lachiwala 12. vii. 1929, 6685/H4, FRI Deh.

*Distribution* : India : Ostindien, Uttarakhand.

*Remarks* : The species is first time recorded from this state, though reference not seen.

Genus *Coptops* Serville, 1835

1835. *Coptops* Serville. *Ann. Soc. ent. Fr.*, **4** : 64 (Type : *aedificator* F.).  
1840. *Coptops*, Castelnau, *His. Nat. Col.*, **2** : 466.  
1864. *Coptops*, Thomson, *Syst. Nat.*, 371.  
1864-65. *Coptops*, Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** : 96, 116.  
1869. *Coptops*, Lacordaire, *Gen. Col.*, **9** : 369, 384.  
1933. *Coptops*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 338-44.  
1951. *Coptops*, Gressitt, *Longicornia*, **2** : 430-32.  
1970. *Coptops*, Rendon & Breuning, *Pac. Ins. Monograph*, **24** : 28-30

*Coptops aedificator* (F.)

1792. *Coptops aedificator* F., *Ent. Syst.*, **1**(2) : 279.  
1877. *Coptops bidens* Wollast., *Col. S. Helena*, P. 210.

1792. *Coptops fusca* Ol., *Encycl. Ma'th. Ins.*, 7 : 210.  
 1835. *Coptops parallela* Serv., *Ann. Soc. ent. Fr.*, 4 : 64.  
 1872. *Coptops quadristigma* Fähr., *Ofvers. Vet. Akad. Forhandl.*, 29(2) : 30.

*Material examined* : 1 ex., India : Dehradun : Jhaira, 1.x.1929, 6687/H4, FRI, Deh.

*Distribution* : India : Uttarakhand (Dehradun), Ostindien.

*Elsewhere* : Africa, Madagascar, Bauritius, Bourbon, Sir Lanka.

#### Tribe XENOLENINI

##### Genus *Xenolea* Thomson, 1864

1864. *Xenolea* Thomson, *Syst. Cer.*, 91 (Type : *collaris* Th.)  
 1872. *Xenolea*, Lacordaire, *Gen. Col.*, 9 : 460.  
 1934. *Xenolea*, Matsushita, *J. Fac. Agric. Hokk.*, 44(2) : 356.  
 1934. *Xenolea*, Philip, *J. Sci.*, 72 : 135.  
 1950. *Xenolea*, Breuning, *Longicornia*, 1 : 272, fig. 1.  
 1951. *Xenolea*, Gressitt, *i.e.* : 447.

##### *Xenolea asiatica* (Pic.)

1924. *Aeschopalaea siatica* Pic., *Echange*, 41 : 16.  
 1894. *Xenolea tomentosa* v. *asiatica*, Gahan, *Trans. Ent. Soc. Lond.* : 483.  
 1938. *Xenolea asiatica*, Gressitt, *Lingn. Sci. J.*, 17 : 158.  
 1950. *Xenolea asiatica*, Breuning, *Longicornia*, 1 : 274.  
 1939. *Xenolea tomentosa asiatica* Gressitt, *Lingn. Sci. J.*, 18 : 69; 1951, *i.c.* 447.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun : Ramgarh, 11.vi.1931, 6608/H4, Dr. B.N. Chopra; 1 ex., Dehradun, Ramgarh, 13.vi.1931, 6609/H4, Dr. B.N. Chopra; 1 ex., Dehradun, Ramgarh, 5.vi.1931, 6610/H4, Dr. B.N. Chopra.

*Distribution* : India : Uttarakhand.

*Elsewhere* : North Vietnam, China, Japan, Laos, Singapore, Indonesia.

*Remarks* : This species is recorded here for the first time from India (Uttarakhand).

#### Tribe AGNINI

##### Genus *Blepephaeus* Pascoe, 1866

1866. *Blepephaeus* Pascoe, *Proc. Zool. Soc. Lond.*, (3)3 : 249 (type : *Succinctor* Chev.).  
 1869. *Blepephaeus*, Lacordaire, *Genl. Col.*, 9 : 339.  
 1943. *Blepephaeus*, Breuning, *Nov. Ent. 3rd Supp.*, 116-117 : 355-364.  
 1951. *Blepephaeus*, Gressitt, *Longicornia*, 2 : 377-379.

##### *Blepephaeus nigrosparsus* Pic.

1925. *Blepephaeus nigrosparsus* Pic Eclarge.

*Material examined* : 1 ex., India : Uttarakhand : Haldwani : Chakrata range, 14.vi.1930, 6613/H4, Dr. B.N. Chopra.

*Distribution* : India : Uttarakhand (Haldwani).

*Elsewhere* : South China.

*Remarks* : This species is found to attack *Clerodendron infortunatum* in this state.

##### Genus *Monochamus* Guerin-Meneville, 1826

1826. *Monochamus* Guerin-Meneville, *Dict. Class. Hist. Nat.*, 9 : 186 (type : *sutor* F.).  
 1913. *Monochamus*, Reitter, *Fauna. Germ.*, 4 : 54-55.  
 1943. *Monochamus*, Breuning, *Nov. Ent. 3rd Supp.*, pp. 123-128, 441-456.  
 1951. *Monochamus*, Gressitt, *Longicornia*, 2 : 390-396.  
 1970. *Monochamus*, Rondon & Breuning, *Paci. Ins. Monograph*, 24 : 134-136.

##### *Monochamus bimaculatus* Gahan

1888. *Monochamus bimaculatus* Gahan, *Ann. Mag. Nat. Hist.*, (6)2 : 260.  
 1943. *Monochamus bimaculatus*, Breuning, *Nov. Ent. 3rd Supp.*, P. 435.  
 1951. *Monochamus bimaculatus*, Gressitt, *Longicornia*, 2 : 393.  
 1970. *Monochamus bimaculatus*, Rondon & Breuning, *Paci. Ins. Monograph*, 24 : 135.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun : Lachiwala, 4.vii.1937, 6637/H4, FRI, Deh.; 1 ex., Dehradun : Lachiwala, 3.vii.1937, 6638/H4, FRI, Deh.

*Distribution* : India : Uttarakhand (Lachiwala), Sikkim.

*Elsewhere* : Southern & Eastern Asia, Laos, Myanmar, Siam.

*Remark* : This species is recorded for the first time from this state.

#### Tribe BATOCERINI

##### Genus *Batocera* Castelnau, 1840

1840. *Batocera* Castelnau, *Hist. Nat. Col.*, 2 : 479 [Type : *Cerambyx rubus* L.].  
 1858. *Batocera*, Thomson, *Arch. Ent.*, 2 : 447.  
 1866. *Batocera*, Pascoe, *Trans. Ent. Soc. Lond.*, (3)3 : 259-261.  
 1869. *Batocera*, Lacordaire, *Genl. Col.*, 9 : 354.  
 1951. *Batocera*, Gressitt, *Longicornia*, 2 : 407-409.  
 1970. *Batocera*, Rondon & Breuning, *Paci. Ins. Monograph*, 24 : 142-145.

##### *Batocera rubus* (L.)

1758. *Cerambyx rubus* L., *Syst. Nat.*, ed. 10 : 390.  
 1775. *Lamia rubus* F., *Syst. Ent.*, P. 77.

1778. *Lamia stigma* Voet., *Cat. Col.*, **2** : 15, Pl.13, fig. 54.  
 1914. *Batacera albofaciata* Stebbing, *Ind. For. Ins.*, P.366. f. 244.  
 1940. *Batacera rubus* (L.) : Gressitt, *Lign. Sci. J.* **19 B** : 8.  
 1970. *Batacera rubus*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 144.

*Material examined* : Not examined.

*Distribution* : India : Bihar, W.B., Assam, Himalaya, Uttarakhand (Dehradun).

*Elsewhere* : Southern & Eastern Asia, Laos, Baluchistan.

#### Genus *Apriona* Chevrolat, 1852

1852. *Apriona* Chev., *Rev. Mag. Zool.*, (2)**4** : 414 (Type : *Lamia germari* Hope).  
 1860. *Apriona*, Thomson, *Class. Cer.*, 78.  
 1866. *Apriona*, Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** : 259, 272.  
 1872. *Apriona*, Lacordaire, *Genl. Col.*, **9** : 354-356.  
 1933. *Apriona*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 337.  
 1951. *Apriona*, Gressitt, *Longicornia*, **2** : 409-410.  
 1970. *Apriona*, Rondon & Breuning, *Pact. Ins. Monograph*, **24** : 141-142.

#### *Apriona cinerea* Chevrolat

1852. *Apriona cinerea* Chevrolat, *Rev. Zool.* (2)**4** : 416.

*Material examined* : Not examined.

*Distribution* : India : North India, Uttarakhand (Dehradun, Almora).

#### Tribe APOMECCYNINI

#### Genus *Ropica* Pascoe, 1858

1858. *Ropica*, Pascoe, *Trans. Ent. Soc. Lond.*, (2)**4** : 247 (Type : *R. piperata* Pasc.).  
 1872. *Ropica*, Lacordaire, *Genl. Col.*, **9** : 580, 590.  
 1933. *Ropica*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 366.  
 1939. *Ropica*, Gressitt, *Lign. Sci. J.* **18** : 78.  
 1964. *Ropica*, Breuning, *Ent. Abh. Dresden.*, **30** : 357.  
 1970. *Ropica*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 47-50.

#### *Ropica rufescens* (Pic.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, Lachiwala, 12.v.1999, 6666/H4, FRI Deh; 1 ex., Dehradun : Lachiwala 6.v.1937, FRI, Deh.

*Distribution* : India : Uttarakhand (Dehradun).

*Elsewhere* : Sri Lanka.

*Remarks* : This species is recorded for the first time from India (Uttarakhand), though reference not seen.

#### Genus *Apomecyna* Latreille, 1829

1829. *Apomecyna*, Latreille, *In. Cuvier. Regne Anum.* ed. 2(V)**1** : 126. (Type : *A. histrio* F.).  
 1835. *Apomecyna*, Serville, *Ann. Soc. ent. Fr.* **4** : 77.  
 1840. *Apomecyna*, Castelnau, *Hist. Nat. Col.*, **2** : 491.  
 1860. *Apomecyna*, Thomson, *Ess. Cer.*, 43.  
 1865. *Apomecyna*, Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** : 141.  
 1872. *Apomecyna*, Lacordaire, *Genl. Col.*, **9** : 579-580.  
 1933. *Apomecyna*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 366.  
 1940. *Apomecyna*, Gressitt, *Phil. J. Sci.* **72** : 159-160.  
 1951. *Apomecyna*, Gressitt, *Longicornia*, **2** : 488.  
 1964. *Apomecyna*, Breuning, *Ent. Abh. Dresden*, **30** : 19-30.

#### *Apomecyna histrio* (F.)

1792. *Lamia histrio*, F., *Ent. Syst.*, **2** : 288.  
 1840. *Apomecyna histrio*, Castelnau, *Hist. Nat. Col.*, **2** : 40.  
 1868. *Apomecyna quadrifasciata*, Thomson, *Physis*, **2** : 59.  
 1918. *Apomecyna maculaticollis*, Pic, *Mel. Exot. Ent.*, **28** : 6.  
 1964. *Apomecyna histrio*, Breuning, *Ent. Abh. Dresden*, **30** : 21.

*Material examined* : 1 ex., India : Uttarakhand : Tehri Garhwal : Rishikesh : Muni Ki Reti, 03.ix.2002, S.K. Mandal.

*Distribution* : India : Arunachal Pradesh, Uttarakhand (Tehri Garhwal).

*Elsewhere* : Southern Asia, Sunda Islands, Malacca, Philippines, Japan, Laos.

*Remarks* : This species is recorded for the first time from this state.

#### Tribe PTEROLINI

#### Genus *Sthenias* Castelnau, 1840

1840. *Sthenias*, Castelnau, *Hist. Nat. Col.*, **2** : 466 (Type : *S. grisator* F.).  
 1860. *Sthenias*, Thomson, *Class. Cer.*, 38.  
 1865. *Sthenias*, Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** 140, 159.  
 1872. *Sthenias*, Lacordaire, *Genl. Col.*, **9** : 552, 563.  
 1951. *Sthenias*, Gressitt, *Longicornia*, **2** : 479-480.  
 1962. *Sthenias*, Breuning, *Ent. Arb. Mus. Frey*, **13** : 428-442.  
 1970. *Sthenias*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 68-69.

#### *Sthenias grisator* F.

1787. *Sthenias grisator*, F., *Mant. Ins.*, **1** : 136.  
 1792. *Sthenias grisator*, Ol., *Encycl. meth.*, **7** : 467.  
 1840. *Sthenias grisator*, Cast., *Hist. Nat. Col.*, **2** : 466.  
 1872. *Sthenias grisator*, Lacordaire, *Genl. Col.*, **9** : 564.

1914. *Sthenias grisator*, Fletcher., *South. Ind. Ins.*, P. 326, fig 182.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, Rajpur, 3.vii.1930, 6670/H4, FRI, Deh.; 1 ex., Dehradun, Rajpur, 9.vii.1930, 6671/H4, FRI, Deh.

*Distribution* : India : Kerala (Tranuebar), Uttarakhand (Dehradun : Rajpur).

*Remarks* : This species is recorded for the first time from this state.

#### Genus *Pterolophia* Newmann, 1842

1842. *Pterolophia*, Newmann, *Ent.* **1** : 370 (Type : *P. vitticollis* New.).

1895. *Pterolophia*, Gahan, *Ann. Mus. Civ. Genova*, **34** : 66.

1933. *Pterolophia*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 357.

1939. *Pterolophia*, Gressitt, *Lingn. Sci. J.* **18** : 71.

1965. *Pterolophia*, Breuning, *Ent. Arb. Mus. Frey.* **16** : 161-472.

1970. *Pterolophia*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 70-85.

#### Subgenus *Mimoron* Pic.

1970. *Pterolophia (Mimoron)* Pic. Rondon & Breuning, *Pac. Ins. Monograph*, **24** : 82-83.

#### *Pterolophia (Mimoron) brevegibbosa* Pic.

1925. *Pterolophia brevegibbosa* Pic., v. *brevigibbosa*. Pic., *Mel. Exot. Ent.*, **45** : 32.

1931. *Pterolophia gardneri* Schwarzer, *Senckenberg.* **13** : 71. Fig. 32.

1965. *Pterolophia (Mimoron) brevegibbosa*, Breuning, *Ent. Arb. Mus. Frey.* **16** : 433.

1970. *Pterolophia (Mimoron) brevegibbosa*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 83.

*Material examined* : 1 ex. India : Uttarakhand : Jhajra, 15.vii.1930, 6668/H4, FRI, Deh; 1 ex., Dehradun : Sherpur, 8.ix.1930, 6669/H4, FRI, Deh.

*Distribution* : India : Uttarakhand (Jhajra, Sherpur).

*Elsewhere* : Southeast Asia, Laos.

*Remarks* : This species is recorded here for the first time from India (Uttarakhand).

#### Subgenus *Pterolophia* (s. str.)

1970. *Pterolophia (s.str.)* Rondon & Breuning,, *Paci. Ins. Monograph*, **24** : 72.

#### *Pterolophia (s.str.) occidentalis* (Schew)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 17.ix.1930, 6678/H4, FRI, Deh.

*Distribution* : India : Uttarakhand.

*Remarks* : Reference not seen.

#### Genus *Desisa* Pascoe, 1865

1865. *Desisa* Pascoe, *Trans. Ent. Soc. Lond.*, (3)**3** : 163 (Type : *D. subfasciata* Pasc.).

1933. *Desisa*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 357, 364.

1939. *Desisa*, Gressitt, *Lingn. Sci. J.* **18** : 72.

1863. *Desisa*, Breuning, *Ent. Arb. Mus. Frey.*, **14**(1) : 177-186.

1970. *Desisa*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 86.

#### Subgenus *Desisa* Pascoe

1970. *Desisa (s.str.)* Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 86.

#### *Desisa (s.str.) subfasciata* (Pasc.)

1862. *Praonetha subfasciata* Pascoe, *J. Ent.*, **1** : 348.

1872. *Desisa subfasciata*, Lacordaire, *Genl. Col.*, **9** : 566.

1970. *Desisa (s.str.) subfasciata* (Pasc.) : Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 86.

*Material examined* : 2 ex., India : Uttarakhand : Dehradun, 17.ix.1930, 6641/H4, FRI, Deh.

*Distribution* : India : Uttarakhand.

*Elsewhere* : Southeast Asia, North Vietnam, Laos.

#### *Desisa (s.str.) plagiata* Br.

1963. *Desisa (s.str.) plagiata* Breuning, *Ent. Arb. Mus.* **14**(1) : 177-186.

*Material examined* : 2 ex., India : Uttarakhand : Dehradun : Barkat, 17.ix.1925, 6622/H4, 5.vi.1925, 6621/H4, FRI, Deh.

*Distribution* : India : Uttarakhand (Dehradun).

#### Tribe ACANTHOCININI

#### Genus *Exocentrus* Mulsant, 1839

1839. *Exocentrus*, Mulsant, *Col. Fr., Long.*, P. 152 (Type : *E. lusitanus* L.).

1866. *Exocentrus*, Bates, *Ann. Mag. Nat. Hist.*, (3)**17** : 191.

1884. *Exocentrus*, Ganglbauer, *Best. Tab.* **7** : 692.

1933. *Exocentrus*, Matsushita, *J. Fac. Agric. Hokk.* **34**(2) : 389.

1939. *Exocentrus*, Gressitt, *Lingn. Sci. J.* **18** : 82.

1958. *Exocentrus*, Breuning, *Bull. Brit. Mus. Ent.*, **7**(5) : 211-328.

1970. *Exocentrus*. Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 181-187.

#### Subgenus *Pseudocentrus* Fairmaire

1970. *Exocentrus (Pseudocentrus)*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 185-187.

#### *Exocentrus (Pseudocentrus) flemingiae* Fisher

1932. *Exocentrus flemingiae* Fisher, *Ind. For. Res.*, **16** : 296-297.

1939. *Exocentrus rufiscapus* Pic., VII. *Inter. Congr. Ent.*, **1** : Sc. Syst., P. 344.

1958. *Exocentrus (Pseudocentrus) flemingiae*, Breuning, *Bull. Brit. Mus. Ent.*, **7**(5) : 299.

1970. *Exocentrus (Pseudocentrus) flemingiae*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 186.

*Material examined* : 2 ex., India : Uttarakhand : Dehradun : Lachiwala, 16.v.1929, 6645-46/H4, FRI. Deh.

*Distribution* : India : Bihar, Sikkim, Uttar Pradesh, Uttarakhand (Dehradun).

*Elsewhere* : North Vietnam, Laos.

***Exocentrus (Pseudocentrus) grcurae*** (Fish.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 3.vi.1929, 6639/H4, FRI. Deh. : 1 ex., Dehradun, 8.vii.1930, 6640/H4, FRI. Deh.

*Description* : India : Uttarakhand (Dehradun).

*Remarks* : Reference not seen.

***Exocentrus (Pseudocentrus) dalbergiae*** (Fish.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 16.ix.1930, 6650/H4, FRI. Deh.; 1 ex., Dehradun, 23.vii.1936, 6651/H4, FRI. Deh.

*Description* : India : Uttarakhand.

*Remarks* : Reference not seen.

***Exocentrus (Pseudocentrus) cudraminae*** (Fish.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 3.viii.1930, 6652/H4, FRI. Deh.; 1 ex., Dehradun : Jhajra, 30.vii.1930, 6653/H4, FRI. Deh.

*Distribution* : India : Uttarakhand (Dehradun, Jhajra).

*Reference* : not seen.

***Exocentrus (Pseudocentrus) alboguttatus*** (Fish.)

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 2.iii.1937, 6655/H4, FRI. Deh.

*Distribution* : India : Uttarakhand (Dehradun).

*Remarks* : Reference not seen.

Tribe DORCASHEMATINI

Genus ***Olenecamptus*** Chevrolat, 1835

1835. *Olenecamptus*, Chevrolat, *Mag. Zool.*, **5** : *Ins.*, pl. 134 (Type : *O. serratus* Chev.).

1866. *Olenecamptus*, Pascoe, *Trans. Ent. soc. Lond.*, (3) **3** : 259, 316.

1872. *Olenecamptus*, Lacordaire, *Genl. Col.*, **9** : 457-458.

1926. *Olenecamptus*, Schwarzer, *Senchenberg*, **8** : 287.

1951. *Olenecamptus*, Gressitt, *Longicornia*, **2** : 442-446.

***Olenecamptus indianus*** Thomson

1857. *Olenecamptus indianus*, Thomson, *Archives Ent.*, **1** : 192.

1872. *Olenecamptus indianus*, Lacordaire, *Genl. Col.*, **9** : 458.

*Material examined* : 2 ex., India : Uttarakhand : Dehradun : Lachiwala, 26.vi.1929, 6658-59/H4, FRI. Deh.

*Distribution* : India : Ostindien, Uttarakhand (Dehradun : Lachiwala).

*Remarks* : This species is recorded here for the first time from the state.

***Olenecamptus bilobus*** (F.)

1801. *Saperda biloba* F., *Syst. El.* **2** : 324.

1866. *Olenecamptus bilobus*, Pascoe, *Trans. Ent. Soc. Lond.*, (3) **3** : 316.

1970. *Olenecamptus bilobus*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 152.

*Material examined* : 1 ex., India : Uttarakhand : Tehri Garhwal. Rishikesh west, 31.viii.2002, S.K. Mandal.

*Distribution* : India : W.B., Uttarakhand (Tehri Garhwal : Rishikesh), Tamil Nadu, Kerala, Andaman Islands.

*Remarks* : This species is recorded here for the first time from Uttarakhand.

Tribe SAPERDINI

Genus ***Glenea*** Newmann, 1842

1842. *Glenea* Newm., *Etomologist*, **1** : 301 (Type : *Glenea novemguttata* Guerin).

1939. *Glenea*, Gressitt, *Lingn. Sci. J.*, **16** : 94.

1970. *Glenea*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 198-213.

Subgenus ***Glenea s.str.***

***Glenea (s.str.) maculata*** (Hope)

*Material examined* : 1 ex., India : Uttarakhand : Kumaon, Almora, 14.vi.1937, 6627/H4, FRI, Deh.; 1 ex., Dehradun, 2.viii.1924, 6628/H4, FRI. Deh.

*Distribution* : India : Uttarakhand.

*Remarks* : Reference not seen.

Subgenus ***Stirolene*** Aurivillius

***Glenea (Stirolene) spilota*** (Thomson)

1860. *Glenea (Stirolene) spilota* Thomson, *Classif. Ceramb.*, P. 58.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun, 25.vi.1929, 6625/H4, FRI. Deh.; 1 ex., Dehradun, 1.vi.1929, 6626/H4, FRI Deh.

*Distribution* : India : Uttarakhand (Dehradun).

*Elsewhere* : Indonesia (Java).

*Remarks* : This species is recorded for the first time from Uttarakhand.



## Tribe CROSSOTINI

Genus *Moechotypa* Thomson, 1864

1864. *Moechotypa* Thomson, *Syst. Cer.*, **55** : 368 (Type : *M. suffusa* Pascoe).  
 1872. *Moechotypa*, Lacordaire, *Gen. Col.*, **9** : 518.  
 1933. *Moechotypa*, Matsushita, *J. Fac. Agric. Hokk.*, **34** : 355.  
 1951. *Moechotypa*, Gressitt, *Longicornia*, **2** : 449-451.  
 1970. *Moechotypa*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 155-158.

*Moechotypa asiatica* (Pic.)

1903. *Hecyrda asiatica* Pic., *Echange*, **19** : 121.  
 1929. *Moechotypa asiatica*, Schwarzer, *Senckenberg*, **11** : 374.  
 1970. *Moechotypa asiatica*, Rondon & Breuning, *Paci. Ins. Monograph*, **24** : 157-158.

*Material examined* : India : Uttarakhand : Nagrasu in Rudraprayag Dist., 07.xi.2002, Dr. P. Mukhopadhyay, ex. on leaf.

*Distribution* : India : Assam, Uttarakhand (Nagrasu : Rudraprayag).

*Elsewhere* : Myanmar, China, Laos.

## Subfamily PRIONINAE

Genus *Lophosternus* Guer., 1844

1844. *Lophosternus* Guerin, *Icon. Regne Anim. Ins.* P. 209.  
 1844. *Cyrtosternus* Guer., *Icon. Regne Anim. Ins.* 210.  
 1869. *Cyrtognathus* (Part), Lacord, *Gen. Coleopt.*, **8** : 53.  
 1906. *Lophosternus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 9-13.

*Lophosternus hugelii* Redtenb.

1848. *Lophosternus hugelii* Redtenb. (*Cyrtognathus*). *Hugel's Kaschmir*, **4**(2) : 550, Pl. 28, fig. 1.  
 1906. *Lophosternus hugelii*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 11-12.

*Material examined* : 1 ex., India : Uttarakhand : Rudraprayag : Gaurikund, 28.iv.2004, S.K. Chakraborty & Party, ex. at light.

*Distribution* : India : Assam, North West Provinces, Punjab, Himachal Pradesh, Kashmir, Uttarakhand.

*Remarks* : This species is recorded here for the first time this state.

## Subfamily LEPTURINAE

Genus *Apiocephalus* Gahan, 1898

1898. *Apiocephalus* Gahan, *Ann. Mag. Nat. Hist.*, (7)**2** : 42.  
 1906. *Apiocephalus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 74.75.

*Apiocephalus licheneus* Gahan

1906. *Apiocephalus licheneus* Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 74-75.

*Material examined* : Not seen.

*Distribution* : India : Uttarakhand (Dehradun).

## Subfamily CERAMBYCINAE

## Group ASEMINI

Genus *Tetropium* Kirby, 1837

1837. *Tetropium* Kirby, *Fauna Boreali. Americana*, **4** : 174.  
 1850. *Tetropium*, Leconte, *J. Acad. Philad.*, (2)**2** : 34.  
 1860. *Tetropium*, Thomson, *Classif. Ceramb.* P. 258.  
 1869. *Tetropium*, Lacordaire, *Gen. Coleopt.* **7** : 208.  
 1906. *Tetropium*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 95-96.

*Tetropium oreinum* Gahan

1906. *Tetropium oreinum* Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 95-96.

*Mistribution* : India : North west Himalaya, Kashmir, Himachal Pradesh, Uttarakhand (Tehri Garhwal).

Genus *Criocephalus* Mulsant, 1839

1839. *Criocephalus* Mulsant, *Col. de France, Longic.*, P. 63 (Type : *C. rusticus* Linn.).  
 1869. *Criocephalus*, Lacordaire, *Gen. Coleopt.* **8** : 210.  
 1905. *Criocephalus*, Sharp, *Trans. Ent. Soc. Lond.*, P. 145.

*Criocephalus unicolor* Mshl.

1906. *Criocephalus unicolor*, Mshl., *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 97-98.

*Material examined* : 2 ex., India : Uttarakhand; Bhowali in Nainital District, 08.ix.2005, S.K. Chatter & party.

*Distribution* : India : Assam, Uttarakhand (Bhowali : Nainital).

*Elsewhere* : Japan.

*Remarks* : This species is recorded here for the first time from this state.

## Group OEMINI

Genus *Xystocera* Serv., 1869

1834. *Xystocera*, Serv., *Ann. Soc. ent. Fr.*, P. 69.  
 1869. *Xystocera*, Lacordaire, *Gen. Col.*, **8** : 229.  
 1906. *Xystocera*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 105-107.

*Xystocera globosa* Oliv.

1795. *Xystocera globosa*, Oliv. (*Cerambyx*), *Entom.*, **4**(No. 67) : 27, pl. 12, fig. 81.

1906. *Aystocera*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 106-107.

*Material examined* :

*Distribution* : India : W.B., Maharashtra, Karnataka, Uttarakhand (Mussoorie), Tamil Nadu, Assam.

*Elsewhere* : Sri Lanka, Myanmar, Siam, Malay Peninsula, Indonesia, Philippines, Egypt, Mauritius, Hawaiian Islands.

*Remarks* : This species is found to attack trees like Semul (*Bombax malabaricum*).

#### Group CERAMBYCINI

##### Genus *Aeolesthes* Gahan, 1890

1890. *Aeolesthes* Gahan, *Ann. Mag. Nat. Hist.*, (6)6 : 250 [Type : *A. aurifaber* White (*Hammatichorus*)].

1906. *Aeolesthes*, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 126-129.

##### *Aeolesthes holosericea* Fab.

1787. *Aeolesthes holosericea* F. (*Cerambyx*). *Mant. Ins.*, 1 : 135.

1865. *Pachydissus velutinus* Thomson, *Syst. Ceramb.*, P. 576.

1890. *Pachydissus similis* Gahan, *Ann. Mag. Nat. Hist.*, (6)5 : 52.

1899. *Neocerambyx holosericea* Cotes, *Ind. Mus. Notes*, I(No. 2) : 60, 89, pl. 5, fig. 3.

1906. *Aeolesthes holosericea*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 127-128.

*Material examined* : 1 ex., India : Uttarakhand : Uttarkashi F.R.H. Campus, 07.v.2002, S.K. Chakraborty, ex. at light.

*Distribution* : India : Uttarakhand (Uttar Kashi), N.W. India, Maharashtra, Tamil Nadu, Assam, Andaman & Nicobar Islands.

*Elsewhere* : Sri Lanka, Tenasserim, Siam, Malay Peninsula.

*Remarks* : This species has been recorded for the first time from this state.

##### Genus *Diorthus* Gahan, 1891

1891. *Diorthus*, Gahan, *Ann. Mag. Nat. Hist.*, (6)7 : 27 [Type : *D. simplex* White (*Hammatichorus*)].

1906. *Diorthus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 132-133.

##### *Diorthus simplex* White

1891. *Diorthus simplex*, White, *Cat. Col. Brit. Mus., Longic.*, P. 130.

*Material examined* : 1 ex., India : Uttarakhand : Mailani in Nainital District, 30.iv.2008, 14757/H4 R.H.; 1 ex., Srinagar : Paurigarhwal, 14.v.2002, S.K. Chakraborty

& party, ex. dusting.; 1 ex., Rajwala in Dehradun Dist., 20.v.2002, S.K. Chakraborty & party.

*Distribution* : India : W.B., Tamil Nadu, Uttarakhand (Mailani, Srinagar, Rajwala).

*Elsewhere* : Beluchistan, North Myanmar, Siam, Indonesia, Aden, Mauritius, W. Africa.

*Remarks* : This species has been recorded for the first time from this state.

##### Genus *Derolus* Gahan, 1891

1891. *Derolus* Gahan, *Ann. Mag. Nat. Hist.*, (6)7 : 26 (Type : *D. mauritanicus* Buquet).

1894. *Copnocerambyx* Reitter, *Ent. Nachr.*, 20 : 356.

##### *Derolus mauritanicus* Buquet

1840. *Derolus mauritanicus* Buquet (*Hammatichorus*), *Ann. Soc. ent. Fr.*, P. 295.

1906. *Derolus mauritanicus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 135-136.

*Material examined* : 3 ex., India : Uttarakhand : Jaknidhar in Tehri Garhwal Dist., 15.v.2002, S.K. Chakraborty & party, ex. dusting; 2 ex., Raiwala : Dehradun, 20.v.2002, S.K. Chakraborty & party.

*Distribution* : India : Uttarakhand (Jaknidhar, Raiwala).

*Elsewhere* : Beluchistan, Persia, Algeria, S. Europe.

*Remarks* : This species is recorded here for the first time from India (Uttarakhand).

#### Group MYTHODINI

##### Genus *Phyodexia* Pascoe, 1871

1871. *Phyodexia* Pascoe, *Ann. Mag. Nat. Hist.*, (4)8 : 273 (Type : *P. concinna* Pascoe).

1906. *Phyodexia*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 182-183.

##### *Phyodexia concinna* Pascoe

1871. *Phyodexia concinna*, Pascoe, *Ann. Mag. Nat. Hist.*, (4)8 : 273, pl. 3, fig. 2.

1906. *Phyodexia concinna*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, 1 : 183.

*Material examined* : Not seen.

*Distribution* : India : W.B., Assam, Uttarakhand (Mussoorie).

*Elsewhere* : Bhutan, Myanmar.

#### Group PURPURICENINI

##### Genus *Perpuricenus* Latrielle, 1829

1829. *Perpuricenus* Latr., *Regne Anim.*, ed. 2, 5 : 114 (Type *P. desfontainei* F.).

1846. *Gyclodera* White, *Stokess Voy., App.* **1** : 510.  
 1869. *Philagathes* (Thomson), Lacord. (in part), *Genl. Coleopt.* **9** : 176.  
 1906. *Perpuricenus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 184-186.

***Perpuricenus montanus* White**

1853. *Perpuricenus montanus*, White, *Cat. Col. Brit. Mus., Longic.*, **7** : 138.  
 1906. *Perpuricenus montanus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 186.

*Material examined* : Not seen.

*Distribution* : India : West Kashmir, Himalaya, Uttarakhand (Tehri Garhwal).

*Elsewhere* : Tibet.

Group PYRESTINI

Genus ***Erythrus*** White, 1853

1853. *Erythrus* White, *Cat. Col. Brit. Mus., Longic.*, P. 142 (Type : *E. championi* White).  
 1906. *Erythrus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 229-232.

***Erythrus westwoodi* White**

1853. *Erythrus westwoodi*, White, *Cat. Col. Brit. Mus., Longic.*, P. 143.  
 1906. *Erythrus westwoodi*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 231.

*Material examined* : Not seen.

*Distribution* : India : Himalaya, Uttarakhand (Almora), Manipur.

Group CLYTINI

Genus ***Xylotrechus*** Chevrolat, 1860

1860. *Xylotrechus* Chevr., *Ann. Soc. ent. Fr.*, P. 456 (Type : *X. sartorlli* Chevr.).  
 1906. *Xylotrechus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 241-245.

***Xylotrechus stebbingi* Gahan**

1906. *Xylotrechus stebbingi* Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 244.

*Material examined* : Not seen.

*Distribution* : India : North west Himalayas, Uttarakhand (Jaunsar, Nainital, Almora).

*Elsewhere* : Tibet.

***Xylotrechus subscutellatus* Chevr.**

1863. *Xylotrechus subscutellatus* Chevr., *Mem. Soc. R. Sci. de Liege*, **18** : 317.

1906. *Xylotrechus subscutellatus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. Cerambycidae*, **1** : 242-243.

*Material examined* : 2 ex., India : Uttarakhand Srinagar in Pauri Garhwal Dist., 14.v.2002 S.K. Chakraborty & party, ex. dusting; 1 ex., Rudraprayag. 29.ix.2004, P. Mukhopadhyay, ex. at light.

*Distribution* : India : W.B., Maharashtra, Tamil Nadu, Uttarakhand (Sri nagar, Rudraprayag).

*Remarks* : This species is recorded for the first time from this state.

Genus ***Perissus*** Chevrolat, 1863

1863. *Perissus*, Chevr., *Mem. Soc. R. sci. de Liege*, **18** : 262. (Type : *P. x-littera*).  
 1906. *Perissus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 254-259.

***Perissus fuliginosus* Chevr.**

1863. *Perissus fuliginosus*, Chevr. (*Amauraesthes*), *Mem. Soc. R. Sci. de Liege*, **18** : 328.  
 1906. *Perissus fuliginosus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 254.

*Material examined* : Not seen.

*Distribution* : India : Uttarakhand (Almora).

*Elsewhere* : Tibet.

Genus ***Caloclytus*** Fairm., 1864

1860. *Anthoboscus* Chevr. (in part), *Ann. Soc. ent. Fr.*, (3)**8** : 455.  
 1863. *Chlorophorus* Chevr, (nec. Robineau-Desvoidy), *Mem. Soc. R. Sci. de Liege*, **18** : 290.  
 1864. *Caloclytus* Fairm., in *Jacq du Val & Fairm., Gen. Coleopt. d' Europe*, **4** : 145, (Type : *C. speciosus* Schneid).  
 1906. *Caloclytus*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 260-270.

***Caloclytus annularis* Fab.**

1787. *Caloclytus annularis*, F. (Callidium), *Mant. Ins.*, **1** : 156.  
 1906. *Caloclytus annularis*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*, **1** : 261.

*Material examined* : 1 ex., India : Uttarakhand : Bhimtal in Nainital Dist., 15.iv.2002, S. Roy Chaudhury R.I.

*Distribution* : India : Northern India from north west to Assam, W.B., Bihar, Uttarakhand (Dehradun, Bhimtal).

*Elsewhere* : Myanmar, Siam, Northwards to China & Japan, Southwares Through Malayan Peninsula & Archipelago to New Guinea.

## Group EPIPEDOCERINI

Genus *Epipedocera* Chevrolat, 1863

1863. *Epipedocera*. Chevr., *Mem. Soc. R. Sci. de Liege*, **18** : 339 (Type : E. zona Chevr.).  
 1906. *Epipedocera*. Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. Cerambycidae*, **1** : 305-308.

*Epipedocera affinis* Chevr.

1863. *Epipedocera affinis*, Chevr. *Soc. R. Sci. de Liege*, **18** : 341.  
 1906. *Epipedocera affinis*, Gahan, *The Fauna of British India incl. Ceylon & Burma, Col. : Cerambycidae*. **1** : 307.

*Material examined* : 1 ex., India : Uttarakhand : Dehradun : New Forest, 7.viii.1990, 7965/H4, S.L. Mark.

*Distribution* : India : Tamil Nadu, Maharashtra, Uttarakhand (Dehradun).

*Remarks* : This species has been recorded for the first time from this state.

## Family CURCULIONIDAE

## Division ADELOGNATHI

## Subfamily BRACHYDERINAE

## Goup BLOSYRIDES

Genus *Blosyroides* Jek., 1875

1875. *Blosyroides* Jekel. *Col. Jekel.*, P. 157.  
 1916. *Blosyroides*, Marshall, *The Fauna of British India including Ceylon and Burma, Coleoptera : Rhynchophora : Curculionidae* : 38-44.

*Blosyroides variegatus* (Redtenbacher)

1848. *Blosyroides variegatus* Redt., *Hugel's Kaschm.*, **4** : 539.  
 1875. *Blosyroides interruptus* Jekel, *Col. Jekel.*, : 161.  
 1916. *Blosyroides variegatus* (Redt.) : Marshall, *The Fauna of British India including Ceylon and Burma.*, Coleoptera : Rhynchophora : Curculionidae : 40-41.

*Material examined* : Not examined.

*Distribution* : India : Kashmir, Uttarakhand (Mussoorie, 7000 ft).

## Group TANYMECIDES

Genus *Tanymecus* Schönh., 1826

1826. *Tanymecus* Schönh., *Disp. Meth.*, : 127.  
 1916. *Tanymecus*, Mshl. *The Fauna of British India including Ceylon and Burma, Coleoptera : Rhynchophora : Curculionidae* : 68-107.

*Tanymecus circumdatus* (wied.) var. *rusticus* Gyl.

1821. *Curculio circumdatus* Weidemann. *Germ. Mag.*, **4** : 156.  
 1834. *Tanymecus rusticus* Gyllenhal. *Schönh. Gen. Curc.*, **2** : 83.  
 1916. *Tanymecus circumdatus* var. *rusticus* Gyl. : Mshl., *The Fauna of British India including Ceylon and*

*Burma. Coleoptera : Rhynchophora : Curculionidae* : 91.

*Material examined* : Not examined.

*Distribution* : India : Bihar, Uttarakhand (Dehradun).

*Tanymecus agrestis* Fst.

1899. *Tanymecus agrestis* Faust. *Ann. Soc. Ent. Belg.* **43** : 394.  
 1916. *Tanymecus agrestis* : Mshl., *The Fauna of British India including Ceylon and Burma Coleoptera : Rhynchophora : Curculionidae* : 104-105.

*Material examined* : Not examined.

*Distribution* : India : Bihar, Uttarakhand (Sura bagh, Dehradun).

*Elsewhere* : Myanmar.

*Remarks* : Ventricle 5 of male of the species deeply bisinuate at apex.

Genus *Dereodus* Schönh., 1826

1826. *Dereodus* Schönh., *Disp. Meth.* : 125.  
 1916. *Dereodus* Mshl., *The Fauna of British India including Ceylon and Burma, Coleoptera : Rhynchophora : Curculionidae* : 118-125.

*Dereodus pollinosus* (Redt.)

1848. *Hypomeces pollinosus* Redtenbacher, *Hugel's Kaschm.*, **4** (pt. 2) : 545.  
 1891. *Dereodus himalayanus* Faust, *Stettin. Ent. Zeit.*, : 262.  
 1916. *Dereodus pollinosus* (Redt.); Mshl. *The Fauna of British India including Ceylon and Burma Coleoptera : Rhynchophora : Curculionidae* : 121.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Mussoorie, Almora, Dalmoti, Kumaon; Thano, Sabhawala and Thadiar, 7000, Dehradun), Punjab, Himachal Pradesh, Kashmir.

*Elsewhere* : Baluchistan, Nepal.

Genus *Astycus* Schonh., 1826.

1826. *Astycus* Schonh., *Disp. Meth.*, P. 129.  
 1916. *Astycus*, Mshl., *The Fauna of British India including Ceylon and Burma, Coleoptera : Rhynchophora : Curculionidae* : 128-152.

*Astycus lateralis* (F.)

1792. *Curculio lateralis* F., *Ent. Syst.*, **1**(2) : 454.  
 1892. *Astycus lateralis* var. *subacuminatus* Faust., *Ann. Soc. ent. Fr.* : 505.  
 1916. *Astycus lateralis*, Mshl., *The Fauna of British India including Ceylon and Burma, Coleoptera : Rhynchophora : Curculionidae* : 139-140.

*Material examined* : 2 exs., India : Uttarakhand : Tehri : Tehri Garhwal dist., 2.xi.2000, Dr. P. Mukhopadhyay & party.

*Distribution* : India : Widely distributed in India : Uttarakhand, Assam.

*Elsewhere* : Myanmar, Siam, Malaya Peninsula.

*Remarks* : This species is recorded here for the first time from Uttarakhand.

Genus *Lepidospyris* Mshl., 1916

1916. *Lepidospyris* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 153-156.

*Lepidospyris cretacea* Faust

1897. *Astycophobus cretaceus* Faust, *Deut. Ent. Zeit.*, : 348.

1916. *Lepidospyris cretacea* : Mshl., *The Fauna of British India including Ceylon and Burma*. Coleoptera : Rhynchophora : Curculionidae : 153-154.

*Material examined* : Not examined.

*Distribution* : India : Maharashtra, Uttarakhand (Kathgodam 1200" : Kumaon).

*Lepidospyris demissa* Mshl.

1916. *Lepidospyris demissa* Mshl., *The Fauna of British India including Ceylon and Burma*. Coleoptera : Rhynchophora : Curculionidae : 154-155.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Dehradun).

Genus *Leptomias* Fst., 1866

1866. *Leptomias* Faust, *Stettin. Ent. Zeit.*, : 132.

1916. *Leptomias* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 172-191.

*Leptomias angustatus* (Redt.)

1848. *Pachynotus angustatus* Redt., *Hugel's Kaschm.*, 4, pt. 2, P. 542.

1916. *Leptomias angustatus* Redt. : Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 177-178.

*Material examined* : Not examined.

*Distribution* : India : Kashmir, Uttarakhand (Mussoorie, 7000, Mundali, Jaunsar division, Dehradun).

*Leptomias lituratus* (Redt.)

1848. *Cneorhinus lituratus* Redt., *Hugel's Kaschm.* 4. Pt. 2, P. 543.

1916. *Leptomias lituratus* Redt. : Mshl., *The Fauna of British India including Ceylon and Burma* Coleoptera : Rhynchophora : Curculionidae : 179.

*Material examined* : Not examined.

*Distribution* : India : Kashmir, Uttarakhand (Mussoorie; Mandali; 9000, Jaunsar division, Dehradun).

*Leptomias curtus* Mshl.

1916. *Leptomias curtus* Mshl., *The Fauna of British India including Ceylon and Burma*. Coleoptera : Rhynchophora : Curculionidae : 180.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Dehradun).

*Leptomias jekeli* Fst.

1886. *Leptomias jekeli* Fst., *Stettin. Ent. Zeit.*, : 135.

1916. *Leptomias jekeli* : Mshl., *The Fauna of British India including Ceylon and Burma*. Coleoptera : Rhynchophora : Curculionidae : 181-182.

*Material examined* : Not examined.

*Distribution* : India : Punjab, Uttarakhand (Almora).

*Leptomias bipustulatus* Fst.

1897. *Leptomias bipustulatus* Fst., *Deut. Ent. Zeit.*, 342.

1916. *Leptomias bipustulatus* : Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 184.

*Material examined* : Not examined.

*Distribution* : India : Punjab, Uttarakhand (Kului, Thano and Lachiwala, Dehradun; Almora, 5500").

*Leptomias sulcicollis* Mshl.

1916. *Leptomias sulcicollis* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 187.

*Material examined* : Not examined.

*Distribution* : India : Punjab, Uttarakhand (Bhimtal, 4500' Kumaon).

*Leptomias longulus* (Fst.)

1897. *Parisomias longulus* Faust, *Deut. Ent. Zeit.*, : 345, note 3.

1916. *Leptomias longulus* : Mshl. *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 189-190.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Bagarkote, 8000', Kumaon).

Genus *Xylinophorus* Faust, 1885

1885. *Xylinophorus* Faust, *Deut. Ent. Zeit.*, : 177.

1916. *Xylinophorus* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 191-194.

*Xylinophorus strigifrons* Fst.

1897. *Xylinophorus strigifrons* Fst., *Deut. Ent. Zeit.*, 347.

1916. *Xylinophorus strigifrons* : Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 194.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Dehradun).

Genus *Pachynotus* Redt., 1848

1848. *Pachynotus* Redt., *Hugel's Kaschm.*, 4(2) : 541.

1916. *Pachynotus Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 201-202.

***Pachynotus globulicollis* Redt.**

1848. *Pachynotus globulicollis* Redt., *Hugel's Kaschm.* 4(1) : 541. Pl. 26, fig. 5.

1848. *Cneorhinus obscurus* Redt., *Hugel's Kaschim.* : 544.

1916. *Pachynotus globulicollis* Redt. : Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 201-202.

*Material examined* : Not examined.

*Distribution* : India : Kashmir, Uttarakhand (Mussoorie, 7000" Dehradun; Mandali, 9000", Jaunsar division; Bargarkote, 8000" Kumaon; Painsur, above Lohba, 8000" Garhwal).

Genus *Achlaenomus* Waterhouse, 1853

1953. *Achlaenomus* Waterhouse. *Trans. Ent. Soc. Lond.*, (2)2 : 178.

1916. *Achlaenomus*. Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 202-203.

***Achlaenomus ebeninus* Waterhouse**

1853. *Achlaenomus ebeninus* Waterhouse, *Trans. Ent. Soc.*, (2)2 : 179.

1916. *Achlaenomus ebeninus* : Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : P. 202-203.

Subfamily OTIORRHYNCHINAE

Group PHYLLOBIIDES

Genus *Myllocerus* Schonh., 1826

1826. *Myllocerus* Schonh., *Disp. Meth.*, : 178.

1916. *Myllocerus* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 291-352.

***Myllocerus setulifer* Desbr.**

1899. *Myllocerus setulifer* Desbrochers des Loges. *Ind. Mus. Notes.*, 4 : 111.

1916. *Myllocerus setulifer* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 312-313.

*Material examined* : Not examined.

*Distribution* : India : Uttarakhand (Dehradun).

***Myllocerus setulifer* Mshl.**

1916. *Myllocerus sabulosus* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 336-337.

*Material examined* : Not examined.

*Distribution* : India : Bihar, Uttarakhand (Karwapani, Dehradun), Tamil Nadu.

***Myllocerus transmarinus* (Hbst.)**

1795. *Curculio transmarinus* Herbst. *Kaf.*, 6 : 213, Pl. 75, f. 1.

1914. *Myllocerus transmarinus* : Stebbing, *Indian Forest Insects.* : 402.

1916. *Myllocerus transmarinus* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 337-338.

*Material examined* : Not examined.

*Distribution* : India : Punjab, Himachal Pradesh, Uttar Pradesh, Uttarakhand (Dehradun), West Bengal, Bihar, Madhya Pradesh, Maharashtra, Tamil Nadu.

***Myllocerus cardoni* Mshl.**

1916. *Myllocerus cardoni* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 339.

*Material examined* : Not examined.

*Distribution* : India : Bihar, West Bengal, Uttarakhand (Dehradun), Tamil Nadu.

***Myllocerus lefroyi* Mshl.**

1916. *Myllocerus lefroyi* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 340-341.

*Material examined* : Not examined.

*Distribution* : India : Bihar, Uttarakhand (Chandbagh, Dehradun), West Bengal.

***Myllocerus discolor* Boh.**

1834. *Myllocerus discolor* Boh., in *Schonh. Gen. cure.* 2 : 428.

1914. *Myllocerus discolor var variegates* Boh. : Stebbing, *Indian Forest Insects.* : 403.

1916. *Myllocerus discolor* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 348-349.

*Material examined* : Not examined.

*Distribution* : India : Punjab, Uttarakhand (Almora 5000" & Takula, Kumaon; Dehradun), Uttar Pradesh, West Bengal, Bihar, Orissa.

*Elsewhere* : Bangladesh.

***Myllocerus discolor var. uniformis* Mshl.**

1916. *Myllocerus discolor var uniformis* Mshl., *The Fauna of British India including Ceylon and Burma*, Coleoptera : Rhynchophora : Curculionidae : 349-350.

*Material examined* : Not examined.