

INSECTA : COLEOPTERA : HISTERIDAE

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(With 1 Figure.)

The present paper deals with the material collected from and around Namdapha National Park, Tirap district, Arunachal Pradesh. Specimens were collected from dungs of various animals, decaying wood and under bark of dead trees. Altogether 54 examples belonging to 18 species of 12 genera under 5 subfamilies have been reported here. One species, *Trypeticus namdaphaicus* has been described as new. 3 species namely, *Apobletes marginicollis* Lewis, *Atholus duodecimstriatus* Schm, and *Hypocaccus sinae* Marseul are new record for India.

Selected references, specimens examined and geographical distribution have been mentioned under individual species. Types and all other materials are deposited in the collection of Zoological Survey of India, Calcutta.

LIST OF SPECIES

Family : HISTERIDAE

Subfamily : HOLOLEPTINAE

1. *Hololepta elongata* Erichson

Subfamily : TRYPETICINAE

2. *Trypeticus namdaphaicus* sp. nov.

Subfamily : HISTERINAE

3. *Apobletes planidorsum* Bickhardt

4. *Apobletes marginicollis* Lewis

5. *Platylister cambodjensis* (Marseul)

6. *Platylister strialis* (Marseul)

7. *Platysoma confucii* Marseul

8. *Pachylister chinensis* (Quensel)

9. *Hister* sp. nr. *scissifrons* Marseul

10. *Hister* sp.

11. *Atholus duodecimstriatus* Schrank
12. *Atholus* sp. nr. *philippinensis* Marseul
Subfamily : SAPRININAE
13. *Saprinus* sp. nr. *chalcites* Illiger
14. *Hypocaccus sinae* Marseul
Subfamily : DENDROPHILINAE
15. *Paromalus babaulti* Cooman
16. *Paromalus teibodae* Marseul
17. *Paromalus* sp. nr. *babaulti* Cooman
Subfamily : ABRAEINAE
18. *Acritus pascuarum* Cooman

SYSTEMATIC ACCOUNT

Family : HISTERIDAE

Subfamily : HOLOLEPTINAE

Genus 1. *Hololepta* Paykull

1. *Hololepta elongata* Erichson

1834. *Hololepta elongata* Erichson, in Klug, *Jahrb. Ins.* p. 92.
 1853. *Ho olepta elongata*, Mars. *Mon.*, p. 190, t. 4, f. 6.
 1913. *Hololepta elongata*, Bickhardt, *Rec. Indian Mus.*, 8 : 121.

Material examined : 4 exs., Zero camp, 8.v.1981 ; 2 exs, Namdapha, 21.iv,1981 ; 1 ex, Gibbonland, 30.iv.1981, S. Biswas coll.

Distribution : The species occurs in India and Malayan Archipelago. In India the species was recorded from Kobo and Sadiya of N. E. Assam and now it is being recorded from Namdapha, Tirap district, Arunacnal Pradesh. Specimens have been collected under bark of rotten wood.

Genus 2. *Trypeticus* Marseul

2. *Trypeticus namdaphaicus* sp. nov.

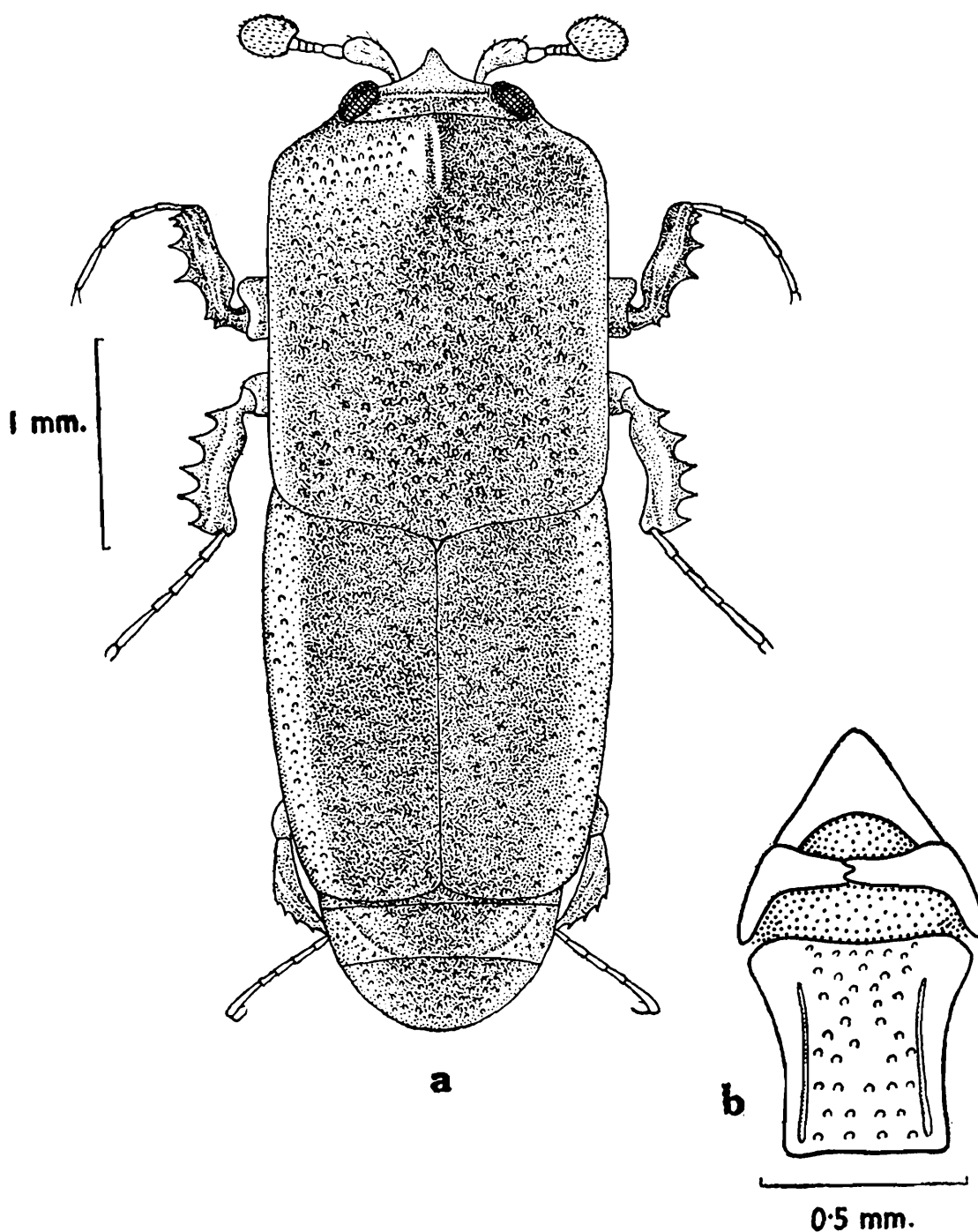
(Figs. 1a. b)

Body (Fig. 1a) elongate, cylindrical, blackish-brown, shining, legs and antennae rusty brown.

Length 4.85 mm, breadth 1.75 mm.

Head finely and rather sparsely punctate with a fine microreticulation, epistome concave, triangular apically. Antennal scape large, with long hairs ; antennal club lighter, subcircular, tomentose.

Pronotum 2,2 times as long as broad, with a short antero-median ridge, parallel sided and narrowed anteriorly, broadly emarginate medially, coarsely and densely punctate, fine punctures sparsely intermixed laterally and anteriorly, marginal stria complete, a little finely marked anteriorly, posterior margin angularly drawn out towards scutellum.



Text-fig. 1. *Trypeticus namdaphaicus* sp. nov. : a. Dorsal view ; b. Head and prothorax, Ventral view.

Elytra 1.1 times as long as broad, as wide as pronotum at base and a little wider towards middle, puncturation finer and sparser than on pronotum. Scutellum minute, indistinct.

Propygidium moderately long, puncturation moderately coarse and dense. Pygidium convex, puncturation slightly denser than on propygidium.

Prosternum flat, bistrate, striae nearly parallel but not united apically, posterior margin slightly sinuate.

Mesosternum depressed, covered with sparse elongate punctures intermixed with fine punctures; median projection long, blunt and apically straight, marginal stria interrupted anteriorly. Meso-metasternal suture indistinct, median line on metasternum deep and long, metasternum with fine sparse punctures.

First abdominal ventrite rather densely punctate. Legs paler than body; front tibiae with 5 teeth, middle ones with 5 teeth, and hind tibiae with 4 spinules at outer margin.

This species resembles *T. nemorivagus* Lewis but can be distinguished by its prothorax longer than elytra, pronotum with short antero-median ridge; epistome elongate, apex dorsally recurved and not bifid; marginal striae on prosternum interrupted apically (Fig. 1b).

Holotype : Zero camp, 8.iv.1981, S. Biswas coll.

Paratypes : 4 exs, data same as holotype; 1 ex, 40th Mile camp, (Chiria camp). 24.iv.1981, S. Biswas coll. All types are deposited in the Zoological Survey of India, Calcutta. (Reg. No. 1052-1057/H4 A).

Subfamily : HISTERINAE

Genus : 3. *Apobletes* Marseul

3. *Apobletes planidorsum* Bickhardt, 1912

1912. *Apobletes planidorsum* Bickhardt, *Tijdschrift v. Entomol.* 55 : 219.

1913. *Apobletes planidorsum*, Bickhardt, *Rec. Indian Mus.*, 8 : 122.

Material examined : 2 exs, Zero camp, 8.iv.1981, 6 exs, Namdapha, 21.iv.1981, S. Biswas coll.

Distribution : The species was described from Borneo by Bickhardt and in 1913 he recorded the species for the first time in India from Sadiya, Assam. Now the species is being recorded for the first time from Namdapha, Arunachal Pradesh.

4. *Apobletes marginicollis* Lewis

1888. *Apobletes marginicollis* Lewis, *Ann. Mus. Civ. Stor. Nat. Genova* (2) 6 : 633.

Material examined : 1 ex, Deban, 28.iv.1981 ; 1 ex, Miao, 5.v.1981, S. Biswas coll.

Distribution : The species was described from Burma. This is the first time the species is recorded from India in Namdapha Wild Life Sanctuary in Arunachal Pradesh.

Genus : 4. *Platylister* Lewis5. *Platylister cambodjensis* (Marseul)

1864. *Platysoma cambodjensis* Marseul, *Abeille*, 1. p. 300.

1913. *Platysoma (Platylister) cambodjensis*, Bickhardt. *Rec. Indian Mus.*, 8 ; 122.

1973. *Platylister cambodje isis*, Therond, *Entomologica Basiliensia*, 1 : 169.

Material examined : 8 exs, Zero camp, 14.iv.1981, 3 exs, 21.iv.1981, S. Biswas coll.

Distribution : The species is known from Thailand, Vietnam, Formosa, Burma, Bhutan and India. In India it was recorded from Kobo, Rotung, Sadiya (N. E. Assam) and Andaman Island. Now it is being recorded from Namdapha Wild Life Sanctuary, Tirap district, Arunachal Pradesh.

6. *Platylister strialis* (Marseul)

1864. *Platysoma strialis* Marseul, *Abeille*, 1 : 301.

1898. *Platysoma suturale* Lewis, *Ann. Mus. Civ. stor. Nat. Genova*, (2) 6 : 634.

1973. *Platylister strialis*, Therond, *Entomologica Basiliensia*, 1 ; 169.

Material examined : 1 ex, Hornbill, 16.iv.1981, S. Biswas coll.

Distribution : The species was known from Celebes, Vietnam, Borneo, Sumatra, Sumba, Island, Nepal and Bhutan. This is the first time the species is recorded from India.

Genus : 5. *Platysoma* Leach7. *Platysoma confucii* Marseul

1857. *Platysoma confucii* Marseul, *Mon.*, p. 404, t. 11, fig. 9.

1890. *Platysoma confucii*, Schmidt, *Notes Lcyden Mus*, 12, p. 10.

1913. *Platysoma (s. str.) confucii*, Bickhardt, *Rec. Indian Mus.*, 8 : 123.

Material examined : 1 ex, Hornbill, 16.iv.1981, S. Biswas coll.

Distribution : The species occurs in Philippines, Sumatra, China, Burma, Sri Lanka and India. In India the species was known from Andaman Island and Kobo, Rotung and Sadiya in N. E. India. The species is now recorded from Namdapha Wild Life Sanctuary in Tirap district, Arunachal Pradesh.

Genus : 6. **Pachylister** Lewois

8. **Pachylister chinensis** (Quense) 1806

1806. *Hister chinensis* Quense, in Schonh., *Syn. Ins.*, 1, p. 88.

1807. *Hister dlstorsus* Illiger, *Mag.*, 6, p. 29.

1834. *Hister incisus* Erichson, in Klug, *Jahrb. Ins.* p. 34.

1904. *Pachylister chinensis*, Lewis, *Ann. Mag. Nat. Hist.*, (7), 14 : 146.

1971. *Pachylister chinensis*, Therond, *Ent. Scand. Suppl.*, 1 : 255.

Material examined : 1 ex, Deban, 7.iv.1981, S. Biswas coll.

Distribution : The species occurs in China and India. In India the definite locality record is not available. This is the first time the species is recorded from Namdapha Wild Life Sanctuary, Tirap district, Arunachal Pradesh.

Genus : 7. **Hister** Linnaeus

9. **Hister** sp.nr. **scissifrons** Marseul

Material examined : 1 ex, Zero camp, 9.iv.1981, S. Biswas coll.

10. **Hister** sp.

Material examined : 2 exs, Hornbill, 14.iv.1981, S. Biswas coll.

Genus : 8. **Atholus** Thomson

11. **Atholus duodecimstriatus** (Schrank)

1781. *Hister duodecimstristus* Schrank. *Faun. Inst. Austr.*, : 39.

1852. *Atholus duodecimstriatus* Thomson, *Scandin. Coleopt.* 4 : 230.

1860. *Hister quinuestriatus* Motschulsky, *Etud. Ent.*, 9 : 13.

1967. *Atholus duodecimstriatus*, Therond, *Ann. Soc. Ent. Fr. (N.S.)*, 3(4) : 1097.

Material examined : 3 exs, Hornbill, 14.iv.1981 ; 1 ex, Zero camp, 9.iv.1981 ; 2 exs, Chiria camp, 25.iv.1981, S. Biswas coll.

Distribution : The species was recorded from China, Japan, Mongolia, Siberia, Turkestan, Iran and Afghanistan. This is the first time the species is recorded from India.

12. *Atholus* sp. nr. *philippinensis* Marseul

Material examined : 2 exs, Zero camp, 8.iv.1981, S. Biswas coll.

Subfamily : SAPRINAE

Genus 9. *Saprinus* Erichson, 1834

13. *Saprinus* sp. nr. *chalcites* Illiger

Material examined : 1 ex, Hornbill, 14.iv.1981, S. Biswas coll.

Genus 10. *Hypocaccus* Thomson

14. *Hypocaccus* *sinae* (Marseul)

1862. *Saprinus sinae* Marseul, *Mon.* : 496, t.17, f.52.

1941. *Hypocaccus sinae*, Reichardt. *Faune de l'u. R. S. S.*, Hister : 312.

1969. *Hypocaccus sinae*, Therond, *Acta Mus. Morviae* 54 : 195.

Material examined : 1 ex. Deban, 7.iv.1981, 1 ex, Zero camp, 8.iv.1981, S. Biswas coll.

Distribution : The species was known from Australia, China and Sri Lanka. This is the first time the species is recorded from India in Namdapha Wild Life Sanctuary in Arunachal Pradesh.

Subfamily : DENDROPHILINAE

Genus 11. *Paromalus* Erichson

15. *Paromalus* *babaulti* (Cooman)

1935. *Microlomalus babaulti* Cooman, *Rev. Franc. Ent.*, 2 : 177.

1948. *Paromalus babaulti*, Cooman, *Notes Ent. Chin. Mus.*, Heude, 12 : 135.

1978. *Paromalus babaulti*, Therond, *Senckenbergiana biol.* 59(3-4) : 238.

Material examined : 3 exs, Zero camp, 8.iv.1981 ; 1 ex, Namdapha camp, 21.iv.1981, S. Biswas coll.

Remark : The species is known in India from Kashmir (Pahalgam). This is the first time the species is recorded from Namdapha Wild Life Sanctuary, Tirap district, Arunachal Pradesh.

16. *Paromalus* *teibodae* Marseul

1879. *Paromalus teibode* Marseul, *Ann. Mus. Civ. stor. Nat, Genova*, 14 : 278.

1913. *Paromalus teibodae*, Bickhardt, *Rec. India Mus.*, 8 : 125.

Material examined : 2 exs, Namdapha camp, 21.iv.1981, S. Biswas coll.

Distribution : The species was known from Java. This is the first time the species is recorded from India in Namdapha Wild Life Sanctuary in Tirap district, Arunachal Pradesh.

17. *Paromalus* sp.

Material examined : 2 exs, Namdapha camp, 21.iv.1981, S. Biswas coll.

Remarks : The specimens are larger in size and punctures on pronotum larger and rugulose at sides.

Subfamily : ABREINAE

Genus 12. *Acritus* Le Conte

18. *Acritus pascuaram* Cooman

1947. *Acritus pascuarum* Cooman, *Notes d'Entomologie chinoise*, 1(9) : 422, fig. I.

1976. *Acritus pascuarum*, Gomy, *Bull. Soc. Ent. France*. 81 : 362.

Material examined : 1 ex, Namdapha, 21.iv. 1981, S. Biswas coll.

Distribution : The species is known from China and India. In India it was recorded from Madarihat, Jalpaiguri district, West Bengal. This is the first time the species is recorded from Namdapha Wild Life Sanctuary, Tirap District, Arunachal Pradesh.

SUMMARY

Altogether 18 species under 12 genera of 5 subfamilies of Histerid beetles have been dealt with. One species, *Trypeticus namdaphaicus* has been described as new. Several species are new record to Arunachal Pradesh.

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