

LANGURIINI : LANGURIIDAE (COLEOPTERA) OF THE HIMALAYAS

By

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ABSTRACT

The present paper deals with 19 species belonging to 7 genera of Languriini : Languriinae from hills of Himalayas, which includes three new records from India and some new records from different States of India.

The present study is based on the collection of Languriid materials from West Bengal, 1975, Meghalaya 1976, Assam 1976, Uttar Pradesh 1976, Kashmir 1976, and Nepal 1976 collected by Dr. W. Wittmer and Dr. C. Baroni. The materials belong to 19 species under 7 genera of the subfamily Languriinae which include three new records from India and some new records from difference states of India.

11. *Anadastus dohertyi* Arrow
12. *Anadastus* sp. nr. *dohertyi* Arrow...(i)
12. *Anadastus* sp. nr. *dohertyi* Arrow...(ii)
13. *Anadastus gratus* Gorham
14. *Anadastus parvulus* (Wiedemann)
15. *Anadastus nigriventris* (Motschulsky)
16. *Anadastus loricatus* Arrow
17. *Epilanguria tenuicornis* Fowler
18. *Pentelanguria elateroides* Crotch
19. *Languriophasma cyanea* (Hope)

Family LANGURIIDAE

Sub-family LANGURIINAE

Tribe Languriini (= Languriinae Arrow)

1. *Tetralanguria elongata* (F.)
2. *Tetralanguria cuprea* (Arrow)
3. *Doubledaya mouhoti* (Crotch)
4. *Caenolanguria assamensis* (Fowler)
5. *Caenolanguria birmanica* (Harold)
6. *Caenolanguria* spp.
7. *Anadastus vicinus* Arrow
8. *Anadastus filiformis* (F.)
9. *Anadastus amabilis* Arrow
10. *Anadastus wiedemanni* Gorham

1. *Tetralanguria elongata* (F.)

1801. *Trogosita elongata* Fabricius, *Syst. Eleuth.* 1 : 152.
1925. *Pachylanguria elongata* (Fab.) var. *tripunctata* (Wiedemann) Arrow *Fauna Brit. India Clavicornia : Erotylidae, Languriidae & Endomychidae*, London : 173.
1967. *Tetraianguria elongata* (F.) f. *tripunctata* (Wiedemann) : Chujo, *Ent. Basil.* 1 : 285.

Material : Meghalaya : 3 exs., Darugiri, Garo Hills, 450 m., 19.5.1976, Wittmer & Baroni ; 4 exs., Barapani old Rd., 1000 m., 14.5.1976, Wittmer & Baroni ; 1 ex.,

Umtyngor, Cherrapunjee, 16.5.1976, Wittmer & Baroni; 1 ex., Songsak, Garo Hills, 19.5.1976 Wittmer & Baroni; West Bengal; 1 ex., Jhepi, Darjeeling, 22.5.1976, Wittmer; 1 ex., Umg-Kalimpong, Darjeeling, 18.10.1975, Bhakta Bhadur; 1 ex., Darjeeling dist., 1277, Bhakta Bahadur; 1 ex.: Lava, Darjeeling dist., 2200 m., 7.8.1978, Bhakta B.; 1 ex., Kalimpong Umg, Balu Kop, 6.4.1977, Bhakta B.: Sikkim: 1 ex., Yartang, 400 m., 17.4.1978, Bhakta B.; 1 ex., Yoksam-Thing Ling, 1100 m., 8.4.1978, Bhakta B.; 2 exs., Rangeli River, 900 m., 15.4.1977, Bhahta B.

This species was recorded from Sikkim, West Bengal, Assam, Bangladesh, Burma, Malay Peninsula, Sumatra, Java and Borneo. We have recorded the species from Uttar Pradesh and Arunachal Pradesh (India), here it is being recorded first time from Meghalaya (India) and Nepal.

General appearance elongate, narrowed posteriorly, legs and antennae rather short, antennal club 4-jointed and well developed; eyes finely faceted; head and pronotum sparsely and finely punctured; elytra striate-punctate and apex separately rounded but slightly serrated. Head and antennae black; pronotum reddish with rounded black patches at centre of disk and lateral margins, sometimes black patch spread over the whole disk; elytra usually metallic blue, sometimes greenish or coppery; ventral surface red except for last ventrite which is black.

Length: 12-15 mm.

Remark: This species differs from *T. cuprea* (Arrow) by its hind angles of pronotum very acutely produced and closely applied to the shoulders.

2. *Tetralanguria cuprea* (Arrow)

1925. *Pachylanguria cuprea* Arrow, *Fauna Brit. India, Clavicornia: Erotylidae, Languriidae & Endomychidae* London: 176.
1945. *Tetralanguria cuprea* Villiers, *L'Abeille* 37: 285.

Material: West Bengal: 1 ex., Lopchu, Darjeeling, 1500 m., 9.5.1976, Wittmer; Uttar Pradesh: ~1 ex., Mussoorie, 1300-2000 m., 27.6.1976, Wittmer; Nepal: 1 ex., Liri-Thodung, 28.5.1976, Wittmer & Baroni; 2 exs., Pina-Lake, 2900 m., 30.5.1977, Wittmer; 1 ex., Pina Lake, 2370 m., 4.6.1977, Wittmer.

This species was recorded from Uttar Pradesh, Assam, Manipur, Sikkim (India) and Burma. Now, it is being first time recorded from Darjeeling district of West Bengal: India.

General appearance elongate, slender, narrowed anteriorly and posteriorly; head sparsely and coarsely punctured; antennae short, slender and with 4-jointed club; eyes finely faceted; pronotum slightly elongated, sparsely and finely punctured, hind angle acute but not producing or overlapping. The shoulder of elytra well developed, apex usually narrowed, truncate and serrate, striate-punctate, fine punctures on interstices; scutellum cordate with pointed apex and impunctate; head, pronotum and elytra deep black with copperish tinge both dorsally and ventrally; antennae black and legs reddish black.

Length: 10-11 mm.

Remarks: This species differs *T. humeralis* Arrow in shape of pronotum and antennal club.

3. *Doubledaya mouhoti* (Crotch)

1876. *Lauguriosoma mouhoti* Crotch *Cist. Ent.* 1 : 376.

1925. *Doubledaya mouhoti* (Crotch) : Arrow, *Fauna Brit. India, Clavicornia* : *Erotylidae, Languriidae and Endomychidae*, London : 202.

Material : Assam : 3 exs., Kaziranga, 75 m., 7-9.5.1976, Wittmer and Baroni ; Sikkim : 1 ex., Mangon, 2.9.1977, Bhakta B.

This species was recorded from Sikkim, Burma, Tenasserim, Indo-China, Malay Peninsula and Borneo. Now, it is being recorded first time from Assam (India).

General appearance shiny, elongate and narrowed posteriorly ; head moderately and finely punctured ; antennae slender and with 4-jointed club ; eyes finely faceted ; pronotum convex, slightly quadrate, moderately and finely punctured, hind angle acute ; elytra striate-punctate, punctures deep, shoulder prominent, apex truncate with pointed outer spine ; scutellum pentagonal with pointed apex and impunctate ; head, pronotum and elytra red except the tip of elytra which is black, antennae and legs black.

Length : 8 mm.-10 mm.

4. *Caenolanguria assamensis* (Fowler)

1886. *Languria assamensis* Fowler, *Trans. Ent. Soc.* London : 24.

1925. *Caenolanguria assamensis* (Fowler) : Arrow, *Fauna Brit. India, Clavicornia* : *Erotylidae, Languriidae and Endomychidae*, London : 240.

Material : Assam : 2 exs., Kaziranga, 75 m., 7-9.5.1976, Wittmer & Baroni ; Meghalaya : 1 ex., Darugiri, Garo Hills, 450 m., 19.5.1976, Wittmer & Baroni ; Himachal Pradesh : 1 ex., Katrain, 1450 m., 11.5.1977, Wittmer & Brancucci.

This species is widely distributed in India and also recorded from Burma. Now, it is being recorded first time from Himachal Pradesh and Meghalaya (India).

General appearance moderately small, elongate and shiny. Head sparsely and finely punctured ; antennae stout, moderately long, club 4-jointed and compact ; eyes moderately large and coarsely faceted ; pronotum transverse, convex, finely and sparsely punctured ; posteriorly narrowed and hind angle acute ; elytra with moderately developed shoulders, posteriorly narrowed, striate-punctate, apex separately rounded ; scutellum glabrous, impunctate, transverse and with pointed apex ; basal sternite without coxal lines. Head and pronotum red ; antennae, elytra and legs black.

Length : 7 to 8 mm.

Remark : This species differs from *C. birmanica* (Harold) by its antennae being slender.

5. *Caenolanguria birmanica* (Harold)

1879. *Languria birmanica* Harold, *Mitth. Munch Ent. Ver.* iii : 74.

1925. *Caenolanguria birmanica* (Harold) : Arrow, *Fauna Brit. India, Clavicornia* : *Erotylidae, Languriidae and Endomychidae*, London : 241.

Material : Meghalaya : 1 ex., Songsak, Garo Hills, 19.5.1976. Wittmer & Baroni ; West Bengal : 1 ex., Darjeeling Umg—Kalimpong, 16.10.1975, Bhakta Bhadur ; Sikkim : 2 exs., Choka—Yoksam, 2100 m., 6.4.1978, Bhakta Bhadur.

This species was recorded from various places of India and also known from Burma and Penag. Now, it is being first time recorded from Meghalaya (India).

General appearance moderately large, elongate and shiny. Head sparsely and finely punctured; antennae slender, club 4-jointed and compact; eyes prominent and coarsely faceted; pronotum transverse and not so convex, sparsely and finely punctured and hind angle not very acute; elytra with moderately developed shoulder, slightly narrowed posteriorly, *striate-punctate*, *punctures* which are fine, less deep and not very close, apex separately rounded; scutellum small, glabrous, impunctate and transverse. Head and pronotum red, elytra and legs black.

Length : 5 to 7 mm.

Remark : The species differs from *C. assamensis* (Fowler) by its antennae being stout.

6. *Caenolanguria* spp.

Material : Sikkim : 1 ex., Reay Khola, S, Gahgtok, 17.4.1977, Bhakta B; 1 ex., Rangeli River, 200 m., 21.4.1977, Bhakta B; W. B. : 1 ex., Lava, Darjeeling 7.5.1978, Bhakta B.

General appearance elongate, parallel-sided, narrowed posteriorly and shiny. Eyes small and coarsely faceted. Antennae short and slender, 2nd joint short and others elongate. Elytral shoulder prominent and apices separately rounded.

Length : 5-10 mm.

7. *Anadastus vicinus* Arrow

1925. *Anadastus vicinus* Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 225.

Material : Uttar Pradesh : 3 exs., Mussoorie, 1300-2000 m., 1976, Wittmer.

This species was recorded from Burma and Siam. Now, it is being first time recorded from India.

General appearance moderately large, elongate and shiny. Head sparsely and finely punctured; antennae stout, club 4-jointed and compact; eyes moderately large and finely faceted; pronotum slightly transverse, convex, sparsely and finely punctured, hind angle acute and front angle rounded, large punctures are confined to basal margin; elytra with well-developed shoulder, *striate-punctate*, punctures deep, large and close, apices truncate; scutellum transverse, impunctate and apex pointed; head and pronotum red, antennal club black, elytra black with greenish tinge and legs red with black.

Length : 7.5 to 8 mm.

Remark : This species differs from *A. bombayensis* Arrow by its body being elongated and legs red with knees black.

8. *Anadastus filiformis* (F.)

1801. *Trogosita filiformis* F. *Syst. Eleuth. i* : 152.
1925. *Anadastus filiformis* F. : Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 216.

Material : Assam : 2 exs., Kaziranga, 75 m., 7-9.5.1976, Wittmer & Baroni.

This species was recorded from Burma, Siam, Tonkin, S. China, Japan, Philippines, Java and Borneo. Now it is being first time recorded from India.

General appearance moderately large, elongate, posteriorly slightly narrowed and shiny. Head moderately punctured and coarse; antennae slender, with 5-jointed, loose club; eyes fairly prominent and

moderately coarsely faceted ; pronotum nearly quadrate, convex, moderately punctured and coarse, basal margin prominent, hind angle acute and front angle rounded ; elytra elongate, posteriorly narrowed, with prominent shoulder, striate—punctate with deep punctures, apices truncate ; scutellum cordate, impunctate and pointed apex. Head, pronotum and elytra brick-red dorsally and ventrally ; legs and antennae except basal segments black.

Length : 7-8 mm.

Remark : This species is nearest to *Anadastus amabilis* Arrow and *A. dohertyi* Arrow but differs in the colour of elytra. The elytral colour of *A. amabilis* Arrow and *A. dohertyi* Arrow but differs in the colour of elytra. The elytral colour of *amabilis* Arrow and *dohertyi* Arrow black whereas in *flitarmis* (F.) the elytra is red.

9. *Anadastus amabilis* Arrow

1926. *Anadastus amabilis* Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 216.

Material : Sikkim : 1 ex., Rangeli River, 900 m., 15.4.1977, Bhakta B.

This species was known from Assam. Now it is being first time recorded from Sikkim.

General appearance slender. elongate, parallel sided, posteriorly narrowed and shiny. Head sparsely and finely punctured ; antennae slender, club 5-jointed and not compact ; eyes not large, moderately faceted ; pronotum slightly wider than its length, convex, sparsely and finely punctured ; posteriorly narrowed, well developed basal

margin, hind angle acute and front angle rounded ; elytra with well developed shoulder, striate-punctate, punctures deep and not close, apices truncate ; scutellum transverse, impunctate and pointed at apex. Head, pronotum and basal segments of antennae red ; elytra dark metallic green ; antennal club and legs black.

Length : 6 mm.

This species is near to *dohertyi* Arrow but differs in their abdominal lines. In *dohertyi* Arrow, the abdominal lines are parallel, whereas in *amabilis* Arrow, the abdominal lines are divergent.

10. *Anadastus wiedemanni* Gorham

1896. *Anadastus wiedemanni* Gorh. *Ann. Mus. Civ. Genova xxxvi* : 271.

Material : Meghalaya : 1 ex., Songsok, Garo hills, 10.5.1976, Wittmer & Baroni.

This species was recorded from Burma and Meghalaya (Shillong) in India.

General appearance moderately large, elongate, parallel-sided, posteriorly narrowed and shiny. Head sparsely but coarsely punctured ; antennae moderately long, joint 3 longer than other joints, club 4-jointed and abrupt ; eyes fairly prominent and moderately faceted ; pronotum sparsely but coarsely punctured, slightly transverse, convex, hind angle nearly rectangular and front angle rounded ; elytra elongate, parallel-sided, posteriorly narrowed, well-developed shoulders, striate-punctate, punctures deep but not close ; scutellum transverse and impunctate. Head and pronotum red above and beneath ; elytra, antennal club and legs except the base and the abdomen black.

Length : 7 mm.

This species is near to *distinctus* Arrow and differs in their third joint of antennae and shape of the antennal club.

11. *Anadastus dohertyi* Arrow

1925. *Anadastus dohertyi* Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 216.

Material : West Bengal : 1 ex., Darjeeling, Thepi-Rinbick, 1300-1350 m., 18.5.1975, Wittmer.

General appearance small, elongate, parallel-sided and shiny. Head moderately punctured ; antennae slender and its club 5-jointed and compact ; eyes prominent but not large, finely faceted ; pronotum quadrate, convex, finely and sparsely punctured, a few large punctures on basal margin, lateral foveae moderately long and deep, front angle nearly rectangular, hind angle blunt and basal margin prominent ; elytra with well-developed shoulder, striate-punctate, punctures coarse but not close and apices distinctly truncate ; scutellum transverse and impunctate. Head and pronotum red dorsally ; elytra black with violet tinge ; antennae except basal segment and legs except base with trochanter black ; prosternum and mesosternum red, metasternum black ; abdomen red with scantily golden recumbent hairs ; Abdominal lines parallel and passing beyond the middle of the basal sternite and forming carinae.

Length : 5 mm.

Remark : It differs with *amabilis* Arrow in abdominal lines where it is divergent, but in *dohertyi* Arrow, the abdominal lines are parallel,

12. *Anadastus* sp. nr. *dohertyi* Arrow.....(i)

Material : West Bengal : 1 ex., Darjeeling, Jhepi, 1300-1400 m., 22.5.1975, Wittmer.

Remark : The specimen is 5 mm. in length, differs from *dohertyi* Arrow especially in abdominal lines, which are parallel, forming distinct carinae, passing beyond the middle of basal sternite but their apices slightly divergent.

12. *Anadastus* sp. nr. *dohertyi* Arrow.....(ii)

Material : Kashmir, : 1 ex., Yusmarg, 2300-2400 m., 5.7.1976, Wittmer.

Remark : This specimen is 5 mm. in length, very similar to *dohertyi* Arrow and above mentioned specimen differs in its antenna being totally black and also basal margin of pronotum, scutellum and ventral surface black.

13. *Anadastus gratus* Gorham

1896. *Anadastus gratus* Gorb. *Ann. Mus. Civ. Genova*, xxxvi : 274.

1925. *Anadastus gratus* Gorb. : Arrow, *Fauna Brit. India. Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 227.

Material : Sikkim : 1 ex., Rangeli River, 900 m., 15.4.1977, Bhakta B.

It was recorded from Burma. Now, it is being recorded first time from India.

General appearance small, elongate, parallel sided and shiny. Head not finely but sparsely punctured ; antennae slender and 4-jointed club ; pronotum quadrate, sparsely and slightly coarsely punctured, lateral foveae distinct, a few large punctures on basal margin, hind angle acute and front angle blunt. Elytra parallel-sided, slightly narrowed

posteriorly, well-developed shoulder, striate-punctate with deep but not close punctures, apices distinctly truncate ; scutellum cordate, impunctate ; legs slender. Head and pronotum red, antennae black except the basal segments, elytra black with greenish tinge, legs except base and trochanter black ; prosternum red, meso-and meta sternum black, abdomen red ; abdominal lines parallel and extended beyond the middle of the sternite.

Length : 5 mm. to 6 mm.

This species is somewhat similar to *vicinus* Arrow but unlike latter species legs mostly black.

14. *Anadastus parvulus* (Wiedemann)

1823. *Languria parvula* Wied. *Zool. Mag.* ii(1) : 47.

1925. *Anadastus parvulus* (Wied.) : Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 218.

Material : Assam : 1 ex., Kaziranga, 75 m., 7-9.5.1976, Wittmer & Baroni.

This species was recorded from Uttar Pradesh and S. India. Now, it is being recorded first time from Eastern India.

General appearance moderately large, elongate, slender, parallel-sided and shiny. Head sparsely but not finely punctured ; antennae rather short, club 4-jointed and compact ; pronotum quadrate, sparsely but not finely punctured, lateral foveae distinct, deep and nearly parallel, a few large punctures on basal margin, hind angle acute and front angle rounded ; elytra parallel-sided, with well-developed shoulders, striate-punctate, punctures deep but not close, apices distinctly truncate, sutural angle minutely spinose ; scutellum short, glabrous and impunctate ; abdominal lines absent. Head

and pronotum red, antennel club black but basal joints red, elytra deep blue, prosternum red, meso-and metasternum and abdomen black, legs black except the base of femur and trochanter.

Length : 7 mm.

This species differs with *rufiventris* (Fowler) in the colour of legs. In *rufiventris* (Fowler) legs pale whereas in *parvulus* (Wiedem.) black except the base of femur and trochanter.

15. *Anadastus nigriventris* (Motsch.)

1860. *Languria nigriventris* Motsch. *Schrenck's Reisen, Amurl.*, ii : 241.

1925. *Anadastus nigriventris* (Motsch.) : Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 224.

Material : Meghalaya : 1 ex., Umtyngor, Cherrapunjee, 16.5.1976, Wittmer & Baroni.

This species was recorded from Sri Lanka and India [locality not mentioned in the *Fauna*, Arrow (1925)].

General appearance moderately parallel-sided, elytra tapering posteriorly ; head and pronotum sparsely punctured, pronotum convex and transverse, elytral extremities truncated, eyes moderately large and finely faceted ; antennae slender, club 4-jointed and not compact ; sternite 1 with a pair of parallel abdominal lines. Head and pronotum red both dorsally and ventrally, elytra very dark blue, antennae and legs brown, abdomen and metasternum brownish red.

Length : 8 mm.

It differs from *A. cambodica* (Crotch) in the puncturation of head and pronotum. In *cambodica* (Crotch) head strongly punctured whereas in *nigriventris* (Motsch.) the head feebly punctured.

16. *Anadastus loricatus* Arrow

1925. *Anadastus loricatus* Arrow *Fauna Brit. India, Ceylon and Burma, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 213.

Material : West Bengal : 1 ex., Kalimpong Umg. 10.5.1977, Bhakta Bhadur.

It was earlier recorded from Sikkim. Now, it is being first time recorded from West Bengal.

General appearance elongate, somewhat parallel-sided and tapering posteriorly, moderately large and shiny. Head and pronotum sparsely and finely punctured ; lateral foveae parallel ; antennae slender, club 5-jointed, moderately broad and compact ; elytra striate-punctate, apex distinctly truncate ; basal sternite with a pair of parallel carinae extended beyond the middle of the segment. Head and pronotum deep brown with a black patch on anterior part of pronotum, antennae and legs black, elytra black with greenish tinge.

Length : 8 mm.

It differs from *A. capitatus* Gorham in the colour of pronotum. In *capitatus* Gorham, the pronotum uniformly red whereas in *Loricatus* Arrow, the pronotum with dark anterior patch.

17. *Epilanguria tenuicornis* Fowler

1908. *Epilanguria tenuicornis* Fowl. *Wytsman's Gen. Insect, Languriinae* p. 18, pl. ii, fig. 6.
1925. *Epilanguria tenuicornis* Fowl. : Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae and Endomychidae*, London : 250.

Material : Assam : 12 exs., Kaziranga, 75 m., 7-9.5.1976, Wittmer & Baroni ; 1 ex., Kaziranga, 76 m., 7-9.5.1976, Wittmer & Baroni.

This species is distributed almost all over India.

General appearance large, elongate, narrowed anteriorly and posteriorly and shiny. Head sparsely and not coarsely punctured ; antennae slender, club 3-jointed, not much dilated and rather inconspicuous ; eyes prominent and coarsely faceted ; pronotum quadrate but lateral margins rounded, convex, not coarsely but little densely punctured, basal margins with large punctures, lateral foveae not so deep but slightly parallel, hind angle acute and not produced and front angle rounded ; elytra not parallel-sided, shoulders not markedly developed, striate-punctate, punctures deep and not close, fine punctures on intervals, apices rounded separately ; scutellum depressed, transverse, impunctate and shiny. Head and pronotum red, antennae and legs black and elytra bluish black.

Length : 8 mm. to 11 mm.

It differs *depressa* (Gorham) in the shape of surface ; in *tenuicornis* Fowler the surface of the body is convex whereas in *depressa* (Gorham) the body flattened.

18. *Pentelanguria elateroides* Crotch

1876. *Pentalanguria elateroides*, Crotch : *Cist. Ent.* i : 380.
1925. *Pentelanguria elateroides* Crotch : Arrow *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae & Endomychidae*, London : 180.

Material : West Bengal : 1 ex., Darjeeling, Lopchu, 1500 m., 31.5.1975, Wittmer ; Bhutan : 1 ex., Chasilakha, 6425, 1978. Dorjee Khandu.

This species was recorded from Assam,

Sikkim, and West Bengal in India. Now, it is being first-time recorded from Bhutan.

General appearance large, elongate, not parallel-sided, narrowed posteriorly and shiny. Head strongly and coarsely punctured; antennae short, stout and with 5-jointed club, joint 3 comparatively longer than other joints, joints 8-10 strongly transverse; eyes lateral and finely faceted; pronotum elongate, longer than width, convex, strongly and coarsely punctured, lateral foveae short and not prominent, hind angle acute and produced behind the shoulder of elytra, and front angle rounded; elytra narrowed posteriorly, apices produced behind with sutural spines, with large and fine punctures, the large punctures arranged slightly in rows; scutellum glabrous, impunctate and pointed at apex. Head, pronotum and elytra coppery black; antennae and legs except base black; prosternum black; metasternum and abdomen red except the middle of metasternum, the last segment of abdomen and a large patch at the base of each sternite which is greenish black.

Length : 16 mm to 17 mm.

19. *Languriophasma cyanea* (Hope)

1835. *Languria cyanea* Hope, *Trans. Zool. Soc. Lond.* 1 : 94.

1925. *Languriophama cyanea* Arrow, *Fauna Brit. India, Clavicornia : Erotylidae, Languriidae & Endomychidae*, London : 204.

Material : West Bengal : 2 exs., Darjeeling, Mana Bhanjang, Sukhia Pokri, 9.6.1975, Wittmer; Uttar Pradesh : 1 ex., Mussoorie, 1300-2000 m., 27.6.1976, Wittmer; Nepal :

1 ex., Phulchoki, 2600 m. 11-14.6.1976, Wittmer & Baroni.

This species was recorded from Uttar Pradesh, Arunachal Pradesh & Nepal. Now, it is being recorded first-time from Darjeeling.

General appearance moderate, slender, parallel-sided, and shiny. Head sparsely and coarsely punctured; antennae slender, club 3-jointed and loose, 3rd to 7th elongate, 8th dilated, 9th triangular, 10th transverse and 11th ovate; eyes lateral, prominent and moderately faceted; pronotum long and narrowed at front and base, coarsely but very sparsely punctured, base with large close punctures, basal foveae absent, hind angle slightly acute and front angle rounded, elytra slender and parallel-sided with prominent shoulder, striate-punctate, with deep rows of punctures but not close, apices separately rounded; scutellum impunctate, ovate slightly pointed at apex and shiny; absence of abdominal lines. Head, pronotum and elytra black with greenish tinge; the lower surface, legs and antennae black.

Length : 6 mm. to 7 mm.

This species is near to *laeta* Arrow but unlike latter species; in *cyanea* pronotum blue whereas in *laeta* pronotum bright red.

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