

**INSECTA : COLEOPTERA : LANGURIIDAE IN
WEST BENGAL, INDIA**

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INTRODUCTION

Arrow (1925) in Fauna of British India described one hundred and ten species under two sub families – Languriinae and Cladoxeninae of the family Languriidae. Sengupta & Crowson (1971) made several changes in classificatory system of the family Languriidae and transferred a number of genera from the family Cryptophagidae to Languriidae. The present paper deals with the species of the tribe Languriini and Cladoxenini from West Bengal. Arrow (1925) included thirteen species from West Bengal and recently Sengupta and Mukherjee (1977) added one more species *Basulanguria lavanica* Sengupta and Mukherjee from Lava, Darjeeling District of West Bengal. So far known, the chief habitat of Languriidae are bushes and foliages, and mostly occur in the foot hills of Himalaya, Eastern ghat and Nilgiri hills.

SYSTEMATIC ACCOUNT

Class	INSECTA
Order	COLEOPTERA
Superfamily	CUCUJOIDEA
Section	CLAVICORNIA
Family	LANGURIIDAE
Tribe	LANGURIINI (= Languriinae Arrow)

1. *Pachylanguria elongata* (F.)

1801. *Trogosita elongata* F. Syst. Eleuth, 1 : 152.

1925. *Pachylanguria elongata* (F.) : Arrow *Fn. Brit. India, Coleoptera, Clavicornia : Erot., Lang., & Endom.* : 173 74.

Material studied : 1 ex., Rangpu, Darjeeling Dist., 28.v.1974, J. K. Jonathan.

Distribution in West Bengal : Rangpu, Darjeeling Dist., (- Sengupta & Mukherjee, 1979).

Remarks : It can be recognised by its lower surface red, with the terminal segment dark (Arrow, 1925). ZSI reference collection possess eleven examples from different localities in India.

2. *Petralanguria variiventris* Kraatz

1899. *Tetralanguria variiventris* Kraatz, *Deutsche Ent. Zeitschr.* : 348.

1925. *Pachylanguria variiventris* Arrow, *Fn. Brit., India, Coleoptera, Clavicornia* : *Erot. Lang. & Endom.* : 174 75.

Material studied : 2 exs. Pashok, Darjeeling Dist., 3.vi.1930, S. L. Hora.

Distribution in West Bengal : Nurbong and Pashok, Darjeeling.

Remarks : It can be recognised by its lower surface without entirely red segments (Arrow, 1925). ZSI reference collection possess sixteen exs. collected from different localities in India.

3. *Pachylanguria collaris* Crotch

1876. *Pachylanguria collaris* Crotch. *Cist. Ent.* 1 : 377.

1925. *Pachylanguria collaris* Crotch : Arrow, *Fn. Brit. India, Coleoptera, Clavicornia* : *Erot., Lang., & Endom.* : 178.

Material studied : 17 exs., Mahanuddi valley, Nurbong, Darjeeling Dist., H. Stevens.

Distribution in West Bengal : Mahanuddi valley, Nurbong, Darjeeling dist.

Remarks : It can be recognised by its pronotum strongly transverse not narrowing from base to front margin (Arrow, 1925). ZSI reference collection possess seventeen examples collected from different localities in India.

4. *Doubledaya viator* White

1850. *Doubledaya viator* White, *Proc. Ent. Soc. Lond.*, : 13.

1925. *Doubledaya viator* White : Arrow, *Fn. Brit. India, Coleoptera, Clavicornia* : *Erot. Lang. & Endom.* : 187 88.

Material studied : 13 exs. Nurbong, Darjeeling, H. Stevens.

Distribution in West Bengal : Nurbong, Darjeeling.

Remarks : It can be recognised by its legs being very long, elytra strongly punctured (Arrow, 1925). ZSI reference collection possess thirteen examples collected from different localities in India.

5. *Doubledaya atripennis* Arrow

1925. *Doubledaya atripennis* Arrow, *Fn. Brit. India, Coleoptera; Clavicornia* : *Erot. Lang. & Endom* : 189-90.

Material studied : None represented in the reference collection.

Distribution in West Bengal : Darjeeling.

Remarks : It can be recognised by its elytra and abdomen black (Arrow, 1925). ZSI collection possess none.

6. *Doubledaya severini* Fowler

1893. *Doubledaya severini* Fowl. *Ann. Soc. Ent. Belg.* XXXVII : 74.

1925. *Doubledaya severini* Fowl. : Arrow, *Fn. Brit. India, Coleoptera; Clavicornia; Erot. Lang. & Endom.* 190 - 91.

Material studied : 1 ex., Kurseong, P. Braet.

Distribution West Bengal : Kurseong; Nurbong, Mahanadi Valley, Darjeeling.

Remarks : It can be recognised by its elytra being blue & abdomen red (Arrow, 1925). ZSI collection possess one example from Darjeeling in India.

7. *Doubledaya ustulata* Arrow

1925. *Doubledaya ustulata* Arrow, *Fn. Birt. India, Coleoptera; Clavicornia : Erot. Lang. & Endom.* : 191 - 92.

Material studied : None represented in the collection.

Distribution in West Bengal : Nurbong, Darjeeling.

Remarks : It can be recognised by its red, with the extremities of the elytra black (Arrow, 1925). ZSI collection possess none.

8. *Doubledaya ruficollis* (Kr.)

1899. *Cosmolanguria ruficollis* Kr., *Dautsche Ent. Zeitschr.* : 351.

1925. *Doubledaya ruficollis*, Arrow, *Fn. Brit. India Coleoptera, Clavicornia : Erot. Lang. & Endom.* : 196 - 97.

Material studied : 2 exs., Nurbong, Darjeeling, H. Stevens.

Distribution in West Bengal : Burbong, Darjeeling.

Remarks : It can be recognised by its club of the antennae being 3 - jointed and head dark (Arrow, 1925). ZSI reference collection possess two examples from Darjeeling in India.

9. *Doubledaya forcipata* Arrow

1925. *Doubledaya forcipata* Arrow, *Fn. Brit. India. Coleoptera, Clavicornia : Erot. Lang. & Endom.* : 201 - 202.

Material studied : None represented in the reference collection.

Distribution in West Bengal : Darjeeling.

Remarks : It can be recognised by its antennal club being with 4 - jointed (Arrow, 1925). ZSI collection possess none.

10. *Doubledaya mouhoti* (Crotch)

1876. *Languriosoma mouhoti*, Crotch, *Cist. Ent. i* : 379.

1925. *Doubledaya mouhoti* (Crotch) : Arrow, *Fn. Brit. India, Coleoptera, Clavicornia : Erot. Lang. & Endom.* : 202 - 203.

Material studied : 1 ex., Pedong, Darjeeling, A Dosgodinus.

Distribution in West Bengal : Pedong, Darjeeling.

Remarks : It can be recognised by its red, with the legs & tips of the elytra black (Arrow, 1925). ZSI collection possess one example collected from Pedong in India.

11. *Basulanguria lavanica* Sengupta & Mukherjee

1977. *Basulanguria lavanica* Sengupta & Mukherjee *Orient. Ins.* 11(1) : 1 - 4.

Material examined : 2 exs., Lava, Darjeeling, J. K. Jonathan.

Distribution in West Bengal : Lava, Darjeeling.

Remarks : It can be recognised by its small size, and slender, somewhat parallel-sided body and 15.00 mm. in length (Sengupta & Mukherjee, 1977). ZSI reference collection possess one Holotype & one Paratype.

12. *Anadastus longior* Arrow

1925. *Anadastus longior* Arrow, *Fn. Brit. India, Coleoptera, Clavicornia* : *Erot. Lang., & Endom.* : 214.

Material studied : None represented in the collection.

Distribution in West Bengal : Gopaldhara, Darjeeling.

Remarks : It can be recognised by its abdominal lines being divergent (Arrow, 1925). ZSI collection possess none.

13. *Anadastus bifasciatus* (Motsch.)

1860. *Languria bifasciata* Motsch, *Schrent's Reisen im Amrul.* II : 241.

1925. *Anadastus bifasciatus*, Arrow : *Fn. Brit. India, Coeloptera, Clavicornia, Erot., Lang., & Endom.* : 230 - 31.

Material studied : 2 exs., Suravisthan, Badkulla, 10 kms. away from Krishnagar, Nadia, on grass, 14.3.1982, D. N. Biswas.

Distribution in West Bengal : Bengal : Barway (Pere Cardon) – Arrow 1925, now in Bihar. But author recorded two examples from Suravisthan, Badkulla, Krishnagar in Nadia in West Bengal (Mukherjee & Biswas, in press).

Remarks : It can be recognised by its head being black & elytra not truncate (-Arrow, 1925). ZSI collection possess two examples from Badkulla in West Bengal in India.

14. *Caenolanguria birmanica* (Har.)

1879. *Languria birmanica* Har., *Mitth. Munch. Ent. ver.* III : 74.

1925. *Caenolanguria birmanica*, Arrow : *Fn. Brit. India, Coleoptera, Clavicornia* : *Erot. Lang. & Endom.* : 241 42.

Material studied : 4 exs., Gopaldhara, Darjeeling, 4720 ft., H. Stevens.

Distribution in West Bengal : Gopaldhara, Darjeeling.

Remarks : It can be recognised by its elytra being brown, with legs closely punctured lines (Arrow, 1925). ZSI collection possess four examples collected from Darjeeling in India.

Tribe *Cladoxenini* Sengupta & Crowson (= Cladoxininae, Arrow)15. *Bolerus lateralis* (Arrow)

1925. *Thellisellodes lateralis* Arrow, *Fn. Brit. India, Coleoptera, Clavicornia : Erot. Lang. & Endom.* : 247 - 58.

1968. *Bolerus ateralis*, (Arrow) : Sengupta, *J. nat. Hist.*, 2 : 463 - 475.

Material studied : None represented in collection.

Distribution in West Bengal : Gopaldhara, Darjeeling.

Remarks : It can be recognised by its body being very narrow, pronotum scarcely transverse (Arrow, 1925). ZSI collection possess none.

SUMMARY

The paper deals with the fifteen species of Languriidae from West Bengal.

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