

Round Headed Borers (Cerambycidae: Coleoptera) of Mizoram

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ABSTRACT

In this communication, report on Cerambycidae fauna of 9 species of 9 genera under 7 tribes of 2 subfamilies from this northeast Indian state of Mizoram is specified. Of them, 3 species were previously reported by [3] and so, 6 species are reported for the first time from this state. This communication is prepared on the basis of old collection present in National Zoological Collection (NZC) of Zoological Survey of India.

Keywords: Cerambycidae, India, Mizoram, New Record.

INTRODUCTION

Mizoram is a landlocked state in North East India whose southern part shares 722 long international borders with Myanmar and Bangladesh, and northern part share domestic borders with Manipur, Assam and Tripura and lies in between 21°56'N to 24°31'N, and 92°16'E to 93°26'E.

Mizoram has third highest total forest cover with innumerable timber plant species among the states of India. These timber plant species attracts large number of insect-pest or wood boring insects. Among these, the round-headed borer belonging to the family Cerambycidae of the order Coleoptera is one of the notorious group of insect pest due to their colossal damage to wood.

As regards to their economic importance nothing has been known from Mizoram. Present communication reports 9 species of 9 genera under 7 tribes of 2 subfamilies of the family Cerambycidae from this northeast Indian state of Mizoram. Of them, 3 species were previously reported by [3] and 6 species reported for the first time from this state. This communication is prepared on the basis of old collection present in National Zoological Collection (NZC) of Zoological Survey of India.

MATERIAL AND METHODS

The specimens were collected during faunistic surveys in Mizoram conducted by the Zoological Survey of India (1993-1995). The longhorn beetles were collected at night with the help of light trap and at the day time by sweeping and hand picking. Specimens were studied under Leica EZ4 HD binocular microscope for identification on morphological basis. Specimens were deposited in the National Zoological Collection of ZSI, Kolkata, India.

RESULTS AND DISCUSSION

Systematic Account
SUBFAMILY CERAMBYCINAE LATREILLE, 1802
Tribe Cerambycini Latreille, 1802

***Rhytidodera bowringii* White, 1853**

Material examined: 2 exs., Sairep, Lungeli district, dt. 20. iv. 1995 / 24. iv. 1995, Coll. T.P. Bhattacharyya & Party.
Distribution: India: Arunachal Pradesh and Mizoram

Elsewhere: China, Laos, Myanmar, Nepal, Thailand and Vietnam

Remarks: This species was reported earlier from Arunachal Pradesh [2]. **This is the first report of this species from Mizoram.**

Tribe Compsocerini Thomson, 1864

***Rosalia (Eurybatus) decempunctata* (Westwood, 1848)**

Material examined: 1 ex., Sairep, Lungeli district, dt. 23. iv. 1995, Coll. T.P. Bhattacharyya & Party.

Distribution: India: Mizoram, North India, Sikkim and West Bengal

Elsewhere: Bangladesh, Borneo, Indonesia and Java.

Remarks: This species was reported earlier from North India, Sikkim and West Bengal of India [1] and Assam [4]. **This is the first report of this species from Mizoram.**

Tribe Xystrocerini Blanchard, 1845

***Xystrocera festiva* Thomson, 1861**

Material examined: 1 ex., Seling, Aizwal district, dt. 16. ix. 1994 Coll. I.B. Dutta & Party.

Distribution: India: Arunachal Pradesh and Mizoram

Elsewhere: Borneo, China, Java, Karenee, Malaysia, Myanmar, Sumatra and Yunnan

Remarks: This species was reported from Arunachal Pradesh by [2]. **This is the first report of this species from Mizoram.**

SUBFAMILY LAMIINAE LATREILLE, 1825

Tribe Batocerini Thomson, 1864

***Batocera rufomaculata* (De Geer, 1775)**

Distribution: India: Arunachal Pradesh, Assam, Bihar, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tamil Nadu, Tripura and West Bengal.

Elsewhere: China, Comoros, East Turkey, Egypt, Iran, Israel, Lebanon, Madagascar, Mascarene, Nepal, Pakistan, Palearctic Oman, Syria and Yemen.

Remarks: This species was reported from Mizoram by [3].

Tribe Ceroplesini Thomson, 1860

***Thysia wallichii* (Hope, 1831)**

Material examined: 1 ex., S.C.R.H compound, Champhai district, dt. 4. iv. 1994 Coll. G.C. Sen & Party, 1 ex., Lungdal, Aizawl district, dt. 7. iv. 1994, Coll. G.C. Sen & Party

Distribution: India: Arunachal Pradesh, Assam, Bihar, Meghalaya, Nagaland, Sikkim, Uttar Pradesh and West Bengal.

Elsewhere: China, Indonesia, Iran, Laos, Malaysia, Myanmar, Nepal, Pakistan, Thailand and Vietnam

Remarks: This species is reported from Arunachal Pradesh, Assam, Bihar, Meghalaya, Nagaland, Sikkim, Uttar Pradesh and West Bengal by [5]. **This is the first report of this species from Mizoram.**

Tribe Mesosini Mulsant, 1839

***Coptops leucostictica* White, 1858**

Material examined: 1 ex., Sairep, Lungeli district, dt. 22. vi. 1995 Coll. T.P. Bhattacharyya & Party, 6 exs., Aibawk, Aizawl district, dt. 19. xi. 1995 Coll. M.S. Shishodia & Party

Distribution: India: Assam, Mizoram, Sikkim and West Bengal

Elsewhere: Cambodia, China, Indonesia, Laos, Malaysia, Myanmar, Thailand and Vietnam

Remarks: This species is reported from Assam, Sikkim and West Bengal by [5]. **This is the first report of this species from Mizoram.**

Tribe Monochamini Gistel, 1848

***Aristobia reticulator* (Fabricius, 1781)**

Material examined: 1 ex., Twanpui, Aizawl district, dt. 16. ix. 1993, Coll. N.E. Manna & Party dt. , 1 ex., Seling, Aizawl district, dt. 13. ix. 1994, Coll. I. B. Dutta & Party, 1 ex., Loc. Tungvel, Aizawl district, dt. 18. iv. 1994, Coll. M.S. Shishodia & Party, 1 ex., Aibawk, Aizawl district, dt. , 17. xi. 1995, Coll. M.S. Shishodia & Party.

Distribution. India: Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Sikkim and Tripura.

Elsewhere: Bangladesh, China, Laos, Myanmar, Nepal, Thailand and Vietnam

Remarks: This species was already reported from Mizoram by [3]. Present communication reports four specimens of NZC collection present in Zoological Survey of India, Kolkata.

***Blephephaeus succinator* (Chevrolat, 1852)**

Material examined: 1 ex., Lunglei, Lunglei district, dt. 11. vi. 1994. Coll. .K. Ghosh & M. Prashad

Distribution: India: Assam, Meghalaya, Mizoram, Sikkim and West Bengal.

Elsewhere: China, Indonesia, Laos, Malacca, Malaysia, Nepal, Taiwan, Thailand and Vietnam

Remarks: This species is reported from Assam, Sikkim, Meghalaya and West Bengal by [5]. **This is the first report of this species from Mizoram.**

***Pseudonemophas versteegi* (Ritsema, 1881)**

Distribution: India: Mizoram, Nagaland, Sikkim and West Bengal.

Elsewhere: Laos, Myanmar, Nepal, Subtropical China, Sumatra Island, Thailand and Vietnam.

Remarks: This species was reported from Mizoram by [3].

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