

Short Communication

First record of *Tridrepana obscura* Watson, 1957 (Drepanidae: Lepidoptera) from India

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ISSN (Online): 2581-8686

ISSN (Print) : 0375-1511

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Abstract

Tridrepana obscura Watson, 1957 is reported for the first time from India. Description, diagnosis, and images of habitus and male genitalia are provided.

Keywords: Drepanidae, First record, India, Lepidoptera

Introduction

Genus *Tridrepana* Swinhoe, 1895 was erected for the inclusion of four species: *T. albonotata* (Moore, 1865), *T. sadana* (Moore, 1865), *T. xanthoptera* (Hampson, 1893) and *T. vira* (Moore, 1865). Warren (1922) cited the generic name *Iridrepana* (an erroneous subsequent spelling for *Tridrepana*) and subsequently designated *Drepana albonotata* Moore as type species of the genus. To date, 46 species and 26 subspecies of *Tridrepana* have been recorded worldwide (Song *et al.*, 2011), with 11 species from India (Joshi *et al.*, 2020; Singh *et al.*, 2022).

In the present manuscript, we report *Tridrepana obscura* Watson, 1857 from Great Nicobar, which represents the first record of the species from India. Images and genitalia of adults are provided. The specimens are deposited at the National Zoological Collections, Zoological Survey of India, Kolkata.

Systematic Account Genus *Tridrepana* Swinhoe, 1895

- 1895. *Tridrepana* Swinhoe, *Trans. ent. Soc. Lond. 1895 (1): 3*, Type species: *Drepana albonotata* Moore, 1879
- 1917. Konjikia Nagano, Bull. Nawaent. Lab. 2: 39, Type species: Drepana crocea Leech, [1889]
- 1922. *Iridrepana* (misspell.) Warren, In Seitz, *Macrolepid.* World, 10: 464

Tridrepana obscura Watson, 1957 (Figures 1-3)

1957. Watson, Bull. Brit. Mus. (Nat. Hist.) Ent. 4:447

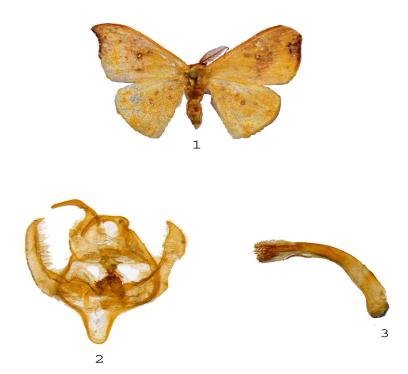
Material examined: India, A & N Island, Great Nicobar, 1♂ East-West road, 08.xi.2018; 1♂ Gobindnagar, 05.xi.2018; 1♂ Galathea NP, 03.xi.2018, K.C. Gopi & Party leg. (NZCZSI).

Diagnostic characters: Adults. Forewing apically falcate with a discocellular white small spot; hindwing with diffused postmedian black spot. Male genitalia, with uncus bifurcate medially into a pair of tapered, divergent, down curved arms, each arm with basoventral ridge and few short spines basodorsally; valva tapering towards apex; anellus forming almost complete ring round base of aedeagus, divided ventromedial, aedeagus bent strongly near apex, vesica spinose.

Taxonomic notes: The species can be distinguished from *T. albonotata* (Moore, 1865) by the smaller cell spot; easily distinguished by the more strongly pectinate antennae in females. The species occurs in two forms, a yellow form and a pale brown form (Watson, 1957).

Distribution: India (Great Nicobar Island) (present study), *Elsewhere*: Java, Bali, Sumatra (Watson, 1957).

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Figures 1-3. *Tridrepana obscura* 1. Adult, 2. Male genitalia, 3. Aedeagus.

Acknowledgements

We thank Dr. Dhriti Banerjee, Director, Zoological Survey of India and former Director Dr. Kailash Chandra (ZSI) for necessary permissions and facilities; to Dr C. Sivaperuman, Scientist-E and Officer in Charge, and staff and research scholars of Andaman and Nicobar Regional Centre (ZSI, ANRC), for the logistic support during the Nicobar expedition in 2018. We thank the forest officials of the Great Nicobar Island for granting permission and providing necessary facilities during the field collections cum survey.

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