

CONFIRMATION OF *RAGADIA CRISILDA* (HEWITSON 1862) (LEPIDOPTERA: SATYRINAE) AND *MATAPA CRESTA* (EVANS 1949) (LEPIDOPTERA: HESPERIINAE) IN WEST BENGAL, INDIA

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Introduction

Ragadia crisilda and *Matapa cresta* are recorded from Buxa Tiger Reserve (26.73 N; 89.61 E) and (26.72 N; 89.60 E) Alipurduar district, West Bengal, India. A single individual of *Ragadia crisilda*, (Fig.1) sitting on a leaf was observed and photographed on 17th November, 2020, at Jayanti riverbed, Buxa Tiger Reserve (26.73 N; 89.61 E). The next day, on 18th November, the authors again spotted a single individual at the same spot sitting on the ground in the shade. It was observed for a few seconds before it disappeared in the bushes.

The authors diligently searched for it for the next three days but couldn't find any at that location. The species is previously recorded in the literature from Assam, Meghalaya, Sikkim, Arunachal, NE in India and also found in Myanmar and Bhutan (Varshney & Smetacek, 2015; Kehimkar, 2016).

Another single individual of *Matapa cresta* (Fig.2) was found puddling on wet riverbed in the afternoon on 16th November, 2020 at Guye Nala area of Buxa Tiger Reserve ((26.72 N; 89.60 E). The previous distribution of the

species lies from Sikkim to NE India and also in Andaman (Varshney & Smetacek, 2015; Kehimkar, 2016). Both the species were photographed using a DSLR camera (Model no: Canon 80D) with 55-250mm kit lens, and Digitech DFL-210T PRO-C flash. The presence of the *R. crisilda* and *M. cresta* in Buxa Tiger Reserve is not very unusual as the place is very close to Bhutan and Sikkim and since both are known to be a low elevation species (Kehimkar, 2016). This record confirms the presence of *Ragadia crisilda* and *Matapa cresta* in West Bengal.

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References

- Kehimkar, I. 2016. Butterflies of India. Bombay Natural History Society, Mumbai. xii + 385 pp.
- Varshney, R.K and P. Smetacek (Eds.). 2015. A Synoptic Catalogue of the Butterflies of India. Butterfly Research Centre, Bhimtal and Indinov Publishing, New Delhi. ii + 261 pp., 8 pl.



Fig.1: *Ragadia crisilda*



Fig 2: *Matapa cresta*