

## (II)

### RECENT RECORD OF *LIMENITIS RILEYI* TYTLER, 1940 (INSECTA: LEPIDOPTERA: NYMPHALIDAE: LIMENITIDINAE) FROM UPPER DIBANG VALLEY, ARUNACHAL PRADESH, INDIA

*Limenitis rileyi* Tytler, 1940 (The Tiger Mimic Admiral) is known to occur in south-eastern Tibet in China, Myanmar and northern Vietnam, having a flight period from June to August between altitudes 1,600-2,400m within its distributional range (Monastyrskii and Devyatkin, 2000; Huang, 2003; Shizuya *et al.*, 2011). It has only been reported once from India, with one male specimen being collected on 19 July 1987 from Dri valley in Upper Dibang valley, Arunachal Pradesh at 1830m (Roy, 2017).

The author during the course of his surveys in Arunachal Pradesh from December 2011 to June 2015, recorded one individual of this species (Fig.1: a, b, c and d) on 12 August, 2012 in upper Dibang valley near Anini. An account of which is given below (Table 1).

The individual photographed can easily be overlooked as this species bears close resemblance with *Hestialis nama* (Nymphalidae), which also occur in the area. The recent finding is the first record of a live individual of this species from Arunachal Pradesh, India.



Fig. 1: *Limenitis rileyi* Tytler, 1940 on Anini-Mippi road, Upper Dibang valley, Arunachal Pradesh on 12 August 2012 (a & b: ventral view; c & d: dorsal view).

Table 1: Location and details of the habitat where currently sighting and habits of the species

Parameters	Details of sighting
Location and Coordinates	On Anini-Mippi Road, Debang Valley District, Arunachal Pradesh, 28°49'25"N & 95°52'59"E about 8-10 km from Anini towards Mippi.
Altitude, aspect, slope	~1660m; South-west; hilly~65°; Roadside
Time of the day	11:42hr; 12 August 2012; Sunny.
Habitat	Mixed sub-tropical broadleaf forest
Forest Type	2 B/1SI Sub-Himalayan Light Alluvial Semi-evergreen Forest (Champion and Seth, 1968).
Dominating tree species	<i>Castanopsis</i> sp., <i>Quercus</i> sp., <i>Rhus succeliana</i> ., <i>Exbucklandia populena</i> , <i>Cinamomum</i> sp., <i>Symplocos</i> sp., <i>Rubus ellipticus</i> , <i>Hedychium</i> sp., Bamboo- <i>Phyllostychus manaii</i> , etc.
Habit	This individual was observed sucking salts from a rock along a stream in an eroded mud patch during sunshine.
Morphological characters	Under hindwing ground colour of the individual had a strong reddish-brown tinge while its upper side was grey-white lacking reddish brown colour (Fig.1) that differentiates it from its congener, <i>Limentis mimica</i> (Poujade, 1885) found in adjoining N.Yunnan, China, and is similar to the specimen (male #982925) kept in the Natural History Museum, London.
Other species sharing the same habitat	Popinjay <i>Stibochiona nicea</i> ; Green Duke, <i>Euthalia sahadeva</i> .

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