

ADDITION TO MANTODEA (INSECTA) FAUNA OF ARUNACHAL PRADESH

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Previous records of a very poorly explored state of Arunachal Pradesh indicate the existence of only 12 genera and 16 species (not 20 species as mentioned in Mukherjee *et al.*, 1995). Here two more species, namely, *Creobroter apicalis* and *Tenodera fasciata*, are added as new records from the state. During this study, a total of 16 examples of mantids were brought from Arunachal Regional Station of Zoological Survey of India to the headquarters in Kolkata.

Family: Hymenopodidae

Subfamily: Hymenopodinae

Tribe: Hymenopodini

Creobroter apicalis Saussure 1869 (Image 1^w)

Material examined: 1 female, 16.x.2004, Ganga Lake, coll. G. Srinivasan.

Remark: This species is recorded for the first time from this state.

Family: Mantidae

Subfamily: Mantinae

Tribe: Polyspilotini

Tenodera aridifolia (Stol., 1813)

Material examined: 1 male, 15.ix.2002, Mipi, Dibang Valley, Anini district, N. Tahar & party, iv/86; 1 male, 18.viii.2001, ZSI Colony, coll. P.T. Bhutia, iv/3233; 1 male, 16.x.2002, ZSI Colony, Shankie Valley, Dist. Papunpare, coll. N. Tahar, iv/3389; 1 male, 30.iv.1992, ZSI Colony, coll. P.T. Bhutia, iv/3337; 1 male, 13.xi.2004, ZSI Quarters, coll. G. Srinivasan; 1 female, 08.ii.2002, ZSI Colony, coll. P.B. Thapa, iv/3877.

Remark: This species is very common in northeastern India at lower altitudes.

Tenodera fasciata (Olivier, 1792) (Image 2^w)

Material examined: 1 male, 16.xi.2002, ZSI Complex (n.c.), Papunpare district, coll. P.B. Thapa & Party, iv/3482; 1 ex. (broken specimen), 24.v.2002, ZSI Colony, coll. P.T. Bhutia, iv/3206.

Remark: The presence of deep reddish transverse costal veins is characteristic to this species. It is recorded for the first time from Arunachal Pradesh.

Subfamily: Paramantinae

Tribe: Paramantini

Hierodula patellifera patellifera (Serville, 1839)

Material examined: 1 male, 11.xi.2004, ZSI Quarters, coll. G. Srinivasan; 1 female, 24.v.2002, ZSI Colony, coll. P.T. Bhutia, iv/3205.

Remark: Tip of mandibles black. Inner face of fore femur orange yellow. Prosternum with a pair of transverse black band; mesosternum with a pair of nipples. Fore coxa a little longer than metazona, without verrucose patch, with 4-5 whitish, stout, tubercular, premarginal spines and few spinules and this area (internally) cream white along length; trochanter white. In fore wing costal, sub-costal and transverse veins yellow; rest of costal area green; stigma pale yellow. Subgenital plate and adjacent two sternites black. *Hierodula saussurei* Kirby and *H. bipapilla* (Serville) are now treated as synonym of *H. patellifera patellifera* (Serville, 1839) (Ehrmann, 2002).

Tribe: Mantini

Statilia maculata (Thunb.) 1784

Material examined: 1 male, 17.v.2002, ZSI Colony, coll. P.T. Bhutia, iv/2921; 1 male, 14.viii.2002, ZSI Colony, coll. P.T. Bhutia, iv/3236; 1 male, 18.v.2002, ZSI Colony, coll. P.T. Bhutia, iv/2942; 1 male, 18.v.2002, ZSI Colony, coll. P.T. Bhutia, iv/2943; 1 female, 11.xii.2004, ZSI Quarters, coll. G. Srinivasan.

Remark: Only 1 male and 1 female has black line in front of claw groove and the line is in continuation with the black line along internal spines.

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ACKNOWLEDGEMENT

The authors are thankful to the authorities of the Department of Zoology, Presidency College, Kolkata, Regional Station of Zoological Survey of India at Arunachal Pradesh and the Director, Zoological Survey of India, Kolkata.

^w See Image 1 (*Creobroter apicalis*) & Image 2 (*Tenodera fasciata*) in the web supplement at www.zoosprint.org

