

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^{''})

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^{''})

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



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