

3. *Scolopendra hardwickei* Newport (Image 2<sup>nd</sup>)

1844. *Scolopendra hardwickei*, Newport, *Ann. Nat.*, 13: 96.

1903. *Scolopendra subspinipes* var. *hardwickei*, Kraepelin, *Mitt. Mus.*, Hamburg, 20: 262.

**Material Examined:** 3 males & 2 females, 2.viii.03, Sundipenta, N-STR, Kurnool District, coll. S.M. Maqsood Javed.

**Distribution:** India, Sri Lanka, Sumatra (Indo-Malayan).

**Remarks:** First record for Nallamalais, Eastern Ghats. These are brilliantly coloured, banded specimens. Commonly known as Tiger Centipede.

Genus: *Cormocephalus* Newport, 1844

4. *Cormocephalus dentipes* Pocock, 1891 (Image 3<sup>rd</sup>)

1891. *Cormocephalus dentipes*, Pocock, *Ann. Nat.*, *Hist. Ser.*, 6,7: 221 (Type locality: Bengal, India).

1984. *Cormocephalus pseudonudipes*, Jangi & Dass, *J. Scient. Indl. Res.*, 43(2): 37.

**Material examined:** 1 female, 2.viii.03, Sundipenta, N-STR, Kurnool District, coll. K. Thulsi Rao.

**Distribution:** India: Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Himachal Pradesh, Meghalaya, Mizoram, Madhya Pradesh, Orissa, West Bengal, Uttar Pradesh and Uttaranchal.

**Remarks:** First record for Nallamalais, Eastern Ghats.

Tribe: Asanadini

Genus: *Asanada* Meinert, 1886

5. *Asanada maligii* Jangi & Dass, 1984 (Image 4<sup>th</sup>)

1984. *Asanada maligii* Jangi & Dass, *J. Scient. Indl. Res.*, 43 (2): 37-54. (Type locality: Nalagonda District, Andhra Pradesh)

**Material examined:** 1 female, 12.iv.03, Thummalabailu, N-STR, Prakasam District, coll. I. Shiva Rama Krishna.

**Distribution:** India: Andhra Pradesh and Maharashtra.

**Remarks:** First record for Nallamalais, Eastern Ghats.

Subfamily: Otostigminae

Tribe: Otostigmini

Genus: *Rhysida* Wood, 1862

6. *Rhysida lithobioides trispinosus* Jangi & Dass, 1984

1984. *Rhysida lithobioides trispinosus* Jangi and Dass, *J. Scient. Indl. Res.*, 43(2): 27-54. (Type locality: Hill behind Film Institute, Pune, Maharashtra).

**Material examined:** 1 female, 13.iv.03, Sundipenta, N-STR, Kurnool District, coll. K. Thulsi Rao.

**Distribution:** India: Maharashtra.

**Remarks:** Coxopleural process tipped with three spines. First record for Nallamalais, Eastern Ghats.

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## FAUNA OF PROTECTED AREAS - 17 SOME SPECIES OF PRAYING MANTIDS (INSECTA: MANTODEA) FROM NAGARJUNASAGAR-SRISAILAM TIGER RESERVE, ANDHRA PRADESH

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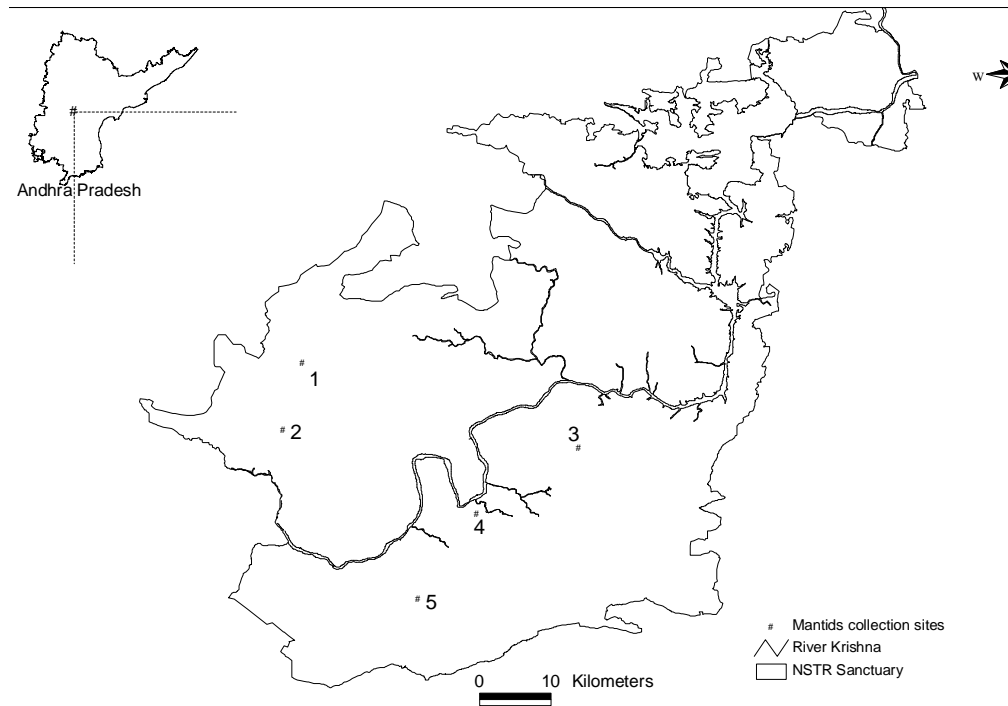
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### web supplement

Mantid fauna of India consists of over 160 species, included under some 68 genera (Mukherjee *et al.*, 1995). A couple of genera and species have since been synonymized in recent work (Ehrmann, 2002). It is apparent from the work recently published on Mantodea of India, that distribution records of most mantids is inadequate and that, much exploration is necessary in Eastern and Western Ghats to understand mantid diversity and distribution patterns. Since mantids are predatory insects with a very useful role in the ecosystems, it is necessary that a thorough survey of mantids is carried out in various parts of India.

We recently carried out a survey of mantids under All Taxa Biodiversity Inventory, in Nagarjunasagar-Srisailam Tiger Reserve 15°53'-16°43'N & 78°30'-79°28'E Andhra Pradesh. It is an area with more or less scrub vegetation (typical southern tropical mixed dry deciduous) and southern tropical moist deciduous forest types intermingled with scrub (Champion & Seth, 1968), with a rainfall of about 900-1000mm. The climate is generally hot and dry with maximum temperatures rising up to 45°C during May and dropping down to 8°C in December. This is only a preliminary report as a major survey of various other animals is being carried out and the activity will persist over a period of 2 years. So far 14 genera and 16 species of mantids are known from Andhra Pradesh (Mukherjee *et al.*, 1995).

Mantids were collected at various places using insect net or by hand-picking and were dry preserved using standard entomological techniques, at the Andhra Pradesh Forest Department's Field Museum (Eco-research and Monitoring Laboratories) in the headquarters of Nagarjunasagar-Srisailam Tiger Reserve at Sundipenta, Kurnool district. The specimens were identified with the help of keys given in Mukherjee *et al.* (1995) and are listed here. Asterisk (\*) indicates first record for Andhra Pradesh.



**Figure 1. The map showing Mantids collection sites in Nagarjunasagar-Srisailem Tiger Reserve**  
**1 - Farahabad (16°16'58"N, 78°41'14"E); 2 - Appapur (16°10'38"N, 78°40'14"E); 3 - Palutla (16°09'34"N, 79°24'86"E);**  
**4 - Sundipenta (16°48'17"N, 78°54'19"E); 5 - Peddacheruvu (15°58'20"N, 78°50'18"E)**

Family: Hymenopodidae  
 Subfamily: Hymenopodinae

1. *Creobroter laevicollis* (Saussure) (Image 1<sup>w</sup>)

Family: Liturgusidae  
 Subfamily: Liturgusinae

2. *Humbertiella* sp. \*

Remarks: No species of this genus is so far recorded from Andhra Pradesh)

Family: Mantidae  
 Subfamily: Schizocephalinae

3. *Schizocephala bicornis* (Linnaeus)\* (Image 2<sup>w</sup>)

Subfamily: Miomantinae

4. *Deiphobella laticeps* (Wood-Manson)\* (Image 3<sup>w</sup>)

Subfamily: Paramantinae

5. *Hierodula* cf. *tenuidentata* Saussure\* (Image 4<sup>w</sup>)

Remarks: No species of *Hierodula* is known from Andhra Pradesh.

Subfamily: Mantinae

6. *Tenodera* sp. (Image 5<sup>w</sup>)

Remarks: Nymph, close to *T. superstitiosa*\*. No species of *Tenodera* is known from Andhra Pradesh.

Subfamily: Amelinae

7. *Amantis* sp.

Family: Toxoderidae  
 Subfamily: Toxoderinae

8. *Toxoderopsis taurus* Wood-Mason\* (Image 6<sup>w</sup>)

Family: Empusidae

Subfamily: Empusinae

9. *Gongylus gongyloides* (Linnaeus) (Image 7<sup>w</sup>)

(Systematics and nomenclature as per Ehrmann, 2002).

It is clear from the above list that majority of the species reported here are first records for Andhra Pradesh. Since this report is based on collection of only two months (10 field visits), we are hopeful that rigorous surveys during different seasons will reveal additional species and thus add to the known distribution of Mantodea of India.

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\* See Images 1-7 in the web supplement at [www.zoosprint.org](http://www.zoosprint.org)