

**NEW RECORDS OF *CORANUS SIVA* KIRKALDY AND *LISARDA ANNULOSA* STAL FROM ANDHRA PRADESH, INDIA
(HEMIPTERA: REDUVIIDAE)**

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ABSTRACT: The paper presents two new records *viz.* *Coranus siva* Kirkaldy and *Lisarda annulosa* Stal of the family Reduviidae from Andhra Pradesh, India. Key to subfamilies, diagnostic characters, original references, distribution in India and abroad have been cited in the present paper.

KEY WORDS: Hemiptera, Reduviidae, Andhra Pradesh

Reduviidae are exclusively predaceous terrestrial Heteropteran bugs comprising of 6878 species and subspecies under 981 genera belonging to 25 subfamilies (Henry, 2009). Of which 465 species under 144 genera belonging to 14 subfamilies (Biswas & Mitra, 2011) are recorded from India. Being a voracious predator and larger in size than other predaceous terrestrial bugs, assassin bugs which is also polyphagous in nature consume a wider range of prey. The classification of the family has been mainly adopted after Ambrose (2006). The present paper deals with two species *viz.* *Coranus siva* Kirkaldy of Harpactorinae and *Lisarda annulosa* Stal of Salyavatinae, which are recorded as new from the state of Andhra Pradesh, India.

MATERIALS AND METHODS

This study is based on the materials collected by different survey parties of Zoological Survey of India during field surveys from the state of Andhra Pradesh in the year 1996-1997. The specimens are deposited in the National Zoological Collection of Zoological Survey of India, Hemiptera Section, Kolkata.

Measurement and photographs of the species were taken with the aid of Leica M 205A. All measurements are in millimetres.

RESULTS AND DISCUSSION

SYSTEMATIC LIST

Suborder **HETEROPTERA**

 Infraorder **CIMICOMORPHA**

 Family **REDUVIIDAE**

 Subfamily **HARPACTORINAE**

 Genus *Coranus* Curtis, 1833

Coranus siva Kirkaldy, 1891

 Subfamily **SALYAVATINAE**

 Genus *Lisarda* Stal, 1859

Lisarda annulosa Stal, 1874

SYSTEMATIC ACCOUNT

Key to the subfamilies of the family Reduviidae

1. Hemelytra with a quadrangular areolet or cell at interior area of corium near base of membrane.....HARPACTORINAE
 -. Hemelytra without a quadrangular areolet or cell at interior area of corium near base of membrane.....SALYAVATINAE

Subfamily HARPACTORINAE

Genus *Coranus* Curtis, 1833

1833. *Coranus* Curtis, Brit. Ent., 10: 453.

Coranus siva Kirkaldy, 1891 (Fig. 1)

1881. *Coranus spiniscutis* Reuter, Act. Soc. Sc. Fenn., 12: 275.

1904. *Coranus spiniscutis*: Distant, Fauna Brit. India, Rhynchota, 2: 381.

2006. *Coranus siva*: Ambrose, Zoos' Print Journ., 21 (9): 7.

Material examined: 1 ex., INDIA: Andhra Pradesh: Vizianagaram District: Bhogapuram, 5.XI.1997, coll. Dr. P. Mukhopadhyay and party.

Diagnostic character: Body brownish yellow to dark brown covered with hairs; corium blackish brown membrane bronzy blackish brown; connexivum yellowish brown spotted with blackish brown; abdomen beneath yellowish brown, its apex pitchy black; legs brownish yellow; bases and apices of tibiae, annulations to femora and apices of the tarsi pitchy black, extreme base of the tibiae with pale annulations.

Length: 9-10 mm.

Distribution: India: Andhra Pradesh (Vizianagaram), Chhattisgarh, Uttar Pradesh, Assam, Jharkhand, Meghalaya, West Bengal. Elsewhere: Myanmar.

Subfamily SALYAVATINAE

Genus *Lisarda* Stal, 1859

1859. *Lisarda* Stal, Ofv. Vet.-Ak. Forh., 16: 192.

Lisarda annulosa Stal, 1874 (Fig. 2)

1874. *Lisarda annulosa* Stal, En. Hem., 4: 83.

1904. *Lisarda annulosa*: Distant, Fauna Brit. India, Rhynchota, 2: 237.

2006. *Lisarda annulosa*: Ambrose, Zoos' Print Journ., 21 (9): 23.

Material examined: 1 ex., INDIA: Andhra Pradesh: E. Godavari District: Addatigala village, 6.IV.1996, coll. S.K. Chatterjee and T.P. Bhattacharjee.

Diagnostic character: Species brownish-yellow in colour; base and annulations to second joint of antennae, mottlings to hemelytra and abdomen, connexivum and legs brownish yellow; subocellate spots to connexivum, head beneath, sternum, a broad fasciae on each side of abdomen joining a spot on apical segment and a few smaller linear central spots dark reddish brown; tibiae and femora annulated with brownish yellow; femora with a spine on apex, anterior femora with a medial spine, spine to scutellum short and obtuse.

Length: 11 mm.

Distribution: India: Andhra Pradesh (E. Godavari), Chhattisgarh, Tamil Nadu. **Elsewhere:** China, Myanmar, Sri Lanka.

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Figures 1-2. 1. *Coranus siva* Kirkaldy, 2. *Lisarda annulosa* Stal.