

**ON A COLLECTION OF TRUE BUGS  
(INSECTA: HEMIPTERA) FROM RALAMANDAL  
WILDLIFE SANCTUARY, MADHYA PRADESH, INDIA**

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**ABSTRACT:** Present investigation deals with the Hemiptera fauna of the Ralamandal Wildlife sanctuary Madhya Pradesh, after a deep observation of the surveyed area of the WLS there were 34 species belonging to 30 genera under 12 families reported. All the species are new to RWLS.

**KEY WORDS:** Hemiptera, RWLS, Madhya Pradesh.

The state of Madhya Pradesh was created in 1956, total covering about 14.5% of the total area of India. The elevation is largely 305 to 610 m. As per records total forest area is 308,245 km<sup>2</sup> annual rainfall is 1800 mm and temperature is 22.5°- 25°C. Ralamandal WLS situated 15 km from Indore-Tillore road and covers 234.55 ha, notified as WLS of Madhya Pradesh in the year 1982 (Diwedi, 2003). Order Hemiptera is the one of the largest group with more than 35000 species of bugs from all over the world, Suborder Heteroptera being the largest group with more than 35000 species (Slater, 1982).

Detailed account on Hemiptera of central India was describe in the '*Fauna of British India*' Distant (1902, 1904 and 1906). Later on investigation on Order Hemiptera of Madhya Pradesh were done by Chandra (2008, 2009), Chandra et al. (2010, 2012) and Chandra, Kushwaha (2013, 2014a,b) and (Chandra et al. 2014).

These bugs were collected by sweeping over vegetation with a net. Some specimens found under stones, leaf axils and loose bark were collected by picking with forceps or small ones with a hairbrush dipped in spirit. Night collection was also carried out with using white cloth sheet and mercury bulb. The identification of specimens up to species level was done using reference collection present in ZSI, Jabalpur.

This observational survey deals with the study of 34 species belonging to 30 genera under 12 families of order Hemiptera reported first time from Ralamandal Wildlife Sanctuary.

**Abbreviation used:** VH-Very high; H-High; L-Low; R-Rare; VR-Very Rare; FRH-Forest Rest House; RWLS- Ralamandal Wildlife Sanctuary.

Table 1. List of Hemiptera studied from Ralamandal Wildlife Sanctuary, Madhya Pradesh.

S. No.	Scientific Name	WLS/NP/ Locality	Status	Date of Observation
	<b>Order: Hemiptera</b>			
	<b>Suborder: Heteropteroidea</b>			
	<b>Infraorder: Cimicomorpha</b>			
	<b>Superfamily: Cimicoidea</b>			
	<b>Family: Reduviidae</b>			
1	<i>Tribelocephala indica</i> (Walker)	RWLS/Water tank	H	18.vi.2013
2	<i>Ectomocoris cordiger</i> Stal	Near Museum wall	L	19.vi.2013
3	<i>Catantariar brevipennis</i> (Serv.)	Near Museum wall	L	19.vi.2013
4	<i>Prostemma carduelis</i> Dohrn	Village boundary	VH	20.vi.2013
5	<i>Ectrychotes dispar</i> Reuter	Water tank	H	21.vi.2013
6	<i>Oncocephalus annulipes</i> Stal	RWLS/FRH	L	22.vi.2013
7	<i>Prostemma carduelis</i> Dohrn	RWLS/Near Water tank	L	21.vi.2013
8	<i>Polididus armatissimus</i> Stal	RWLS/FRH	VH	22.vi.2013
9	<i>Scadra annulipes</i> Reuter	Village boundary	H	20.vi.2013
10	<i>Rhynocoris marginatus</i> (F.)	RWLS/FRH	L	22.vi.2013
	<b>Infraorder: Pentatomorpha</b>			
	<b>Superfamily: Lygaeoidea</b>			
	<b>Family: Lygaeidae</b>			
11	<i>Spilostethus pandurus militaris</i> (F.)	Near Museum wall	H	19.vi.2013
12	<i>Spilostethus hospes</i> (F.)	RWLS/Near Water tank	L	21.vi.2013
	<b>Superfamily: Pyrrhocoroidea</b>			
	<b>Family: Largidae</b>			
13	<i>Antilochus coqueberti</i> , (F.)	Near Museum wall	VH	19.vi.2013
	<b>Family: Phyllorhynchidae</b>			
14	<i>Dysdercus koenigii</i> (F.)	RWLS/Near Water tank	VH	21.vi.2013
	<b>Superfamily: Coreoidea</b>			
	<b>Family: Coreidae</b>			
15	<i>Serinettha abdominalis</i> (F.)	RWLS/FRH	L	22.vi.2013
16	<i>Anoplocnemis phasiana</i> (F.)	RWLS/Near Water tank	R	21.vi.2013
17	<i>Homocerus signatus</i> Walker	Near Museum wall	R	19.vi.2013
18	<i>Notobitus meleagris</i> (F.)	RWLS/FRH	R	22.vi.2013
	<b>Family: Alydidae</b>			
19	<i>Riptortus fuscus</i> (F.)	Village boundary	VH	20.vi.2013
20	<i>Leptocoris varicornis</i> (F.)	RWLS/FRH	VH	22.vi.2013
	<b>Superfamily: Pentatomoidea</b>			
	<b>Family: Plataspidae</b>			
21	<i>Megacopta cribraria</i> Hsiao and Ren	RWLS/Near Water tank	VH	21.vi.2013
	<b>Family: Cydnidae</b>			
22	<i>Aethus indicus</i> (Westwood)	Village boundary	VH	20.vi.2013
	<b>Family: Pentatomidae</b>			
23	<i>Antestiopsis cruciata</i> (F.)	RWLS/Near Water tank	H	21.vi.2013
24	<i>Eusarcocris ventralis</i> (Westwood)	RWLS/FRH	H	22.vi.2013
25	<i>Eusarcocris montivagus</i> Distant	Near Museum wall	R	19.vi.2013
26	<i>Eocanthocon furcellata</i> (Wolff)	Village boundary	R	20.vi.2013
27	<i>Halys dentatus</i> Fabricius	RWLS/FRH	VH	22.vi.2013
28	<i>Nezara viridula</i> Linnaeus	Village boundary	R	20.vi.2013
29	<i>Plautia fimbriata</i> Fabricius	RWLS/Near Water tank	R	21.vi.2013
30	<i>Acrosternum graminea</i> (F.)	RWLS/FRH	R	22.vi.2013
31	<i>Erthesina fullo</i> (Thunberg)	Village boundary	H	20.vi.2013
	<b>Family: Dinidoridae</b>			
32	<i>Cyclopelta siccifolia</i> (Westwood)	RWLS/FRH	L	22.vi.2013
	<b>Family: Scutelleridae</b>			
33	<i>Poecilocoris interruptus</i> (Westwood)	Near Museum wall	VR	19.vi.2013
34	<i>Chrysocoris purpureus</i> (Westwood)	RWLS/FRH	VR	22.vi.2013

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