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A Compendium on the  
Faunal Resources of  
**NARMADA RIVER BASIN**  
in Madhya Pradesh

KAILASH CHANDRA  
R.M. SHARMA  
PRAVEEN OJHA

ZOOLOGICAL SURVEY OF INDIA

**OCCASIONAL PAPER No. 310**

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**A Compendium on the Faunal Resources of  
Narmada River Basin in  
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*Edited by the Director, Zoological Survey of India, Kolkata*



सत्यमेव जयते

**Zoological Survey of India  
Kolkata**

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## 1. INTRODUCTION

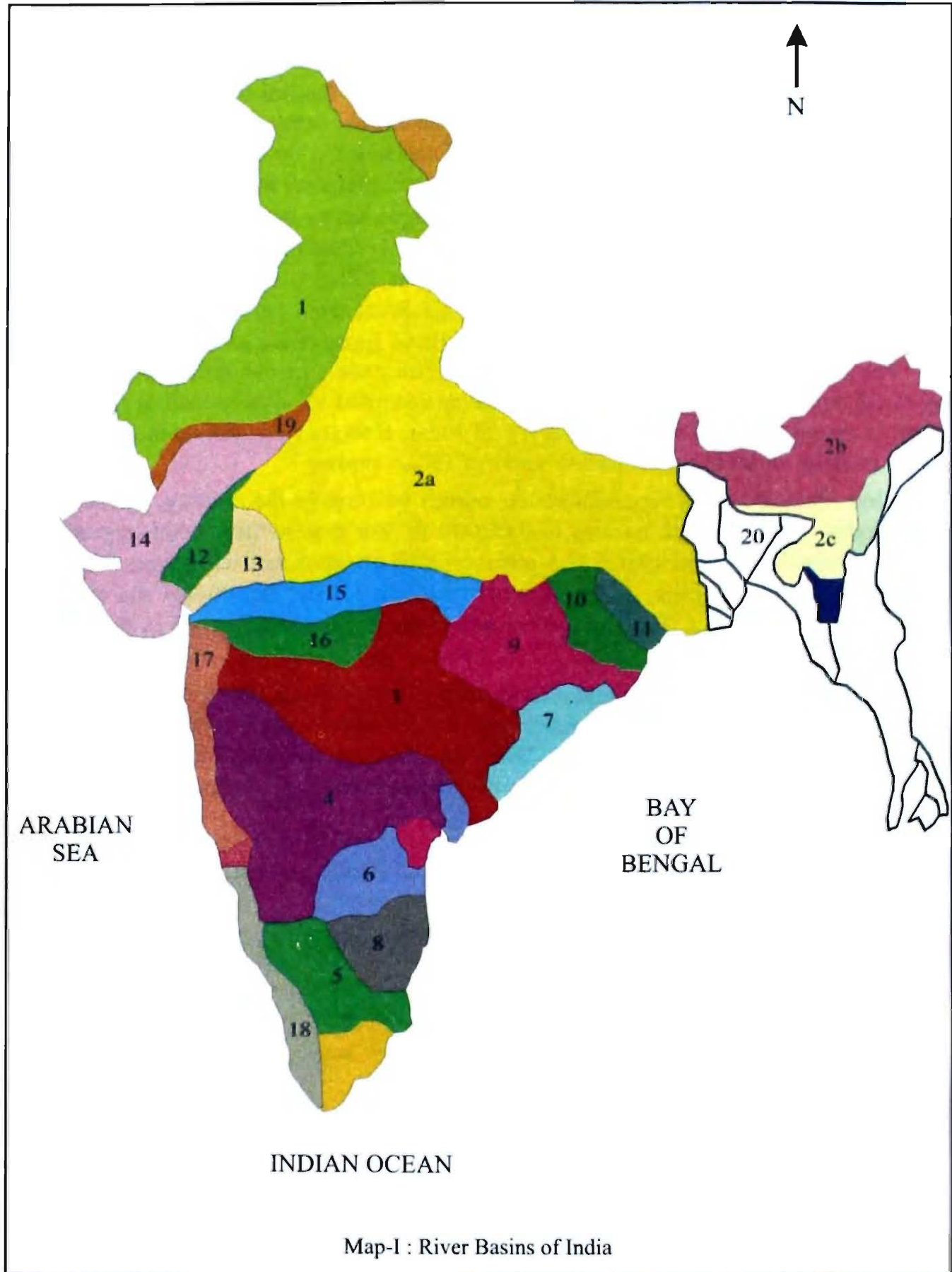
Since the inception of the Central Zone Regional Centre (earlier Central Regional Station, Jabalpur) in the year 1960, the scientists of the Centre have been exploring the faunal resources of Madhya Pradesh and Chhattisgarh States in Central India by undertaking intensive and extensive faunistic surveys, which resulted in the accumulation of huge faunal collections. Even exclusive surveys were undertaken in the Narmada Valley from the origin of the river to its fall into the Arabian Sea in Gujarat, from 1962 to 1972 (Khajuria & Ghoshal, 1979, Khajuria, 1981, Khajuria & Agrawal, 1981, Khajuria, & Mahabal, 1994). Besides, short surveys in early thirties and forties were also conducted by the scientists from the Head Quarters office of the Zoological Survey of India, Kolkata to study aquatic fauna of the river Narmada (Khajuria, 1981). The present exercise of compiling faunal information was undertaken with a view to bring out a consolidated information on the fauna recorded till date including the identified collections present at the Zoological Survey of India, Kolkata from Narmada River basin in Madhya Pradesh to serve as a baseline data for future studies.

Madhya Pradesh, occupying almost the central position in the country, is veritably the heart of India. The state with an area of 3,08,000 sq. km is now the second largest state in India after Rajasthan. To its east is the plains of Chhattisgarh and its western boundary is enveloped by the Aravali hills. On the southern boundary is the Tapi Valley and in the west, the plateau of Maharashtra. The rivers Chambal in the north and Godavari in the south also form its boundaries.

Water is our common treasure and a basic need of every living being, thus called an *elixir of life*. India is blessed with omnipresent and innumerable surface water resources in the form of small, medium and big rivers. There are 20 large and small river basins/draining areas in India of which, the Ganga basin is the largest among all the basins (Map-I).

The Indian River basins are :

Sl. No.	Names of River Basins
1.	Indus
2.	a) Ganga (Upto border) b) Brahmaputra (Upto border) c) Barak etc. (Upto border)
3.	Godavari
4.	Krishna
5.	Cauvery
6.	Pennar
7.	East flowing rivers between Krishna and Pennar and between Mahanadi and Godavari
8.	East flowing rivers between Krishna and Kanyakumari
9.	Mahanadi

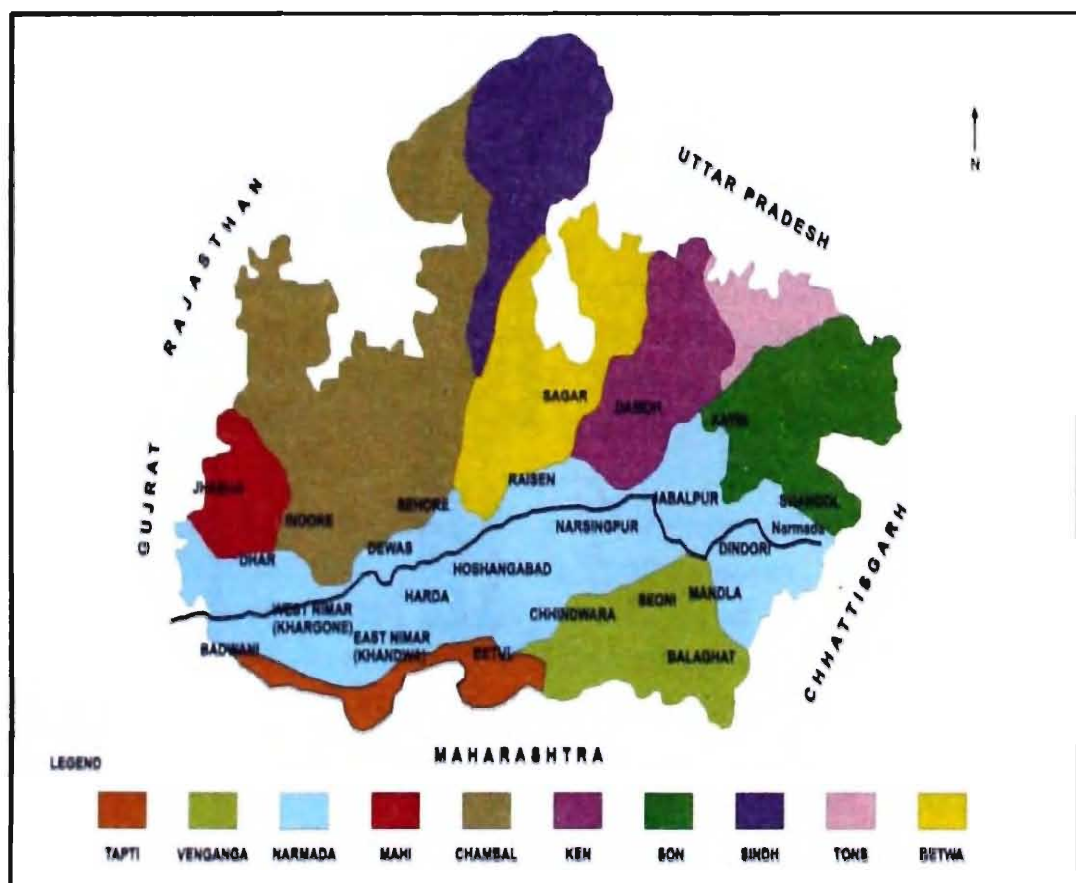


Map-I : River Basins of India

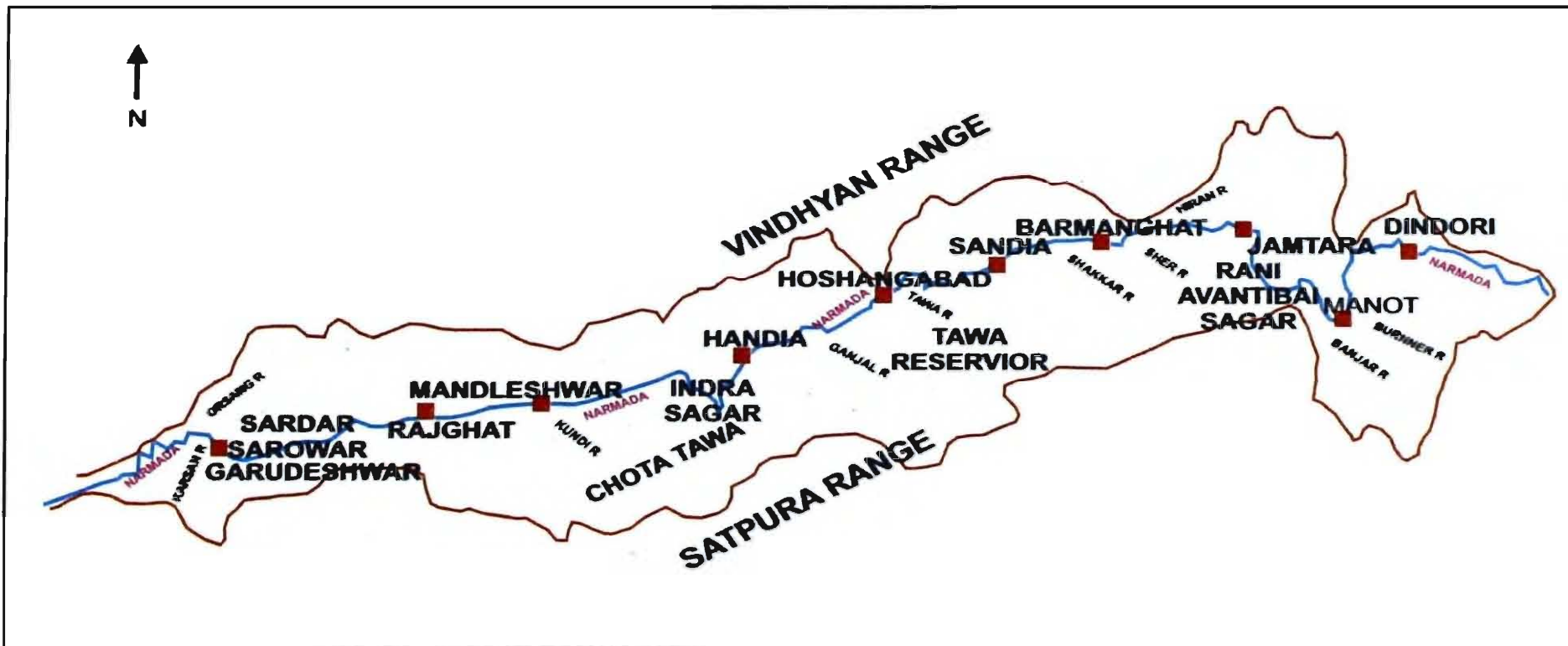
Sl. No.	Names of River Basins
10.	Brahmani and Baitarani
11.	Subernarekha
12.	Sabarmati
13.	Mahi
14.	West flowing rivers of Kutch and Kathiawar including Luni
15.	Narmada
16.	Tapi
17.	West flowing rivers from Tapi to Tadri
18.	West flowing rivers from Tadri to Kanyakumari
19.	Area of Inland drainage in Rajasthan
20.	Minor river basins drainage to Bangladesh

### RIVER BASINS IN MADHYA PRADESH

There are ten River basins in the state of Madhya Pradesh as ten major rivers originate from the State and most of them have interstate basins. The rivers namely, Chambal, Sindh, Betwa and Ken flow northward and drain in to Yamuna, whereas the river Son falls directly into Ganga. Narmada, Tapi and Mahi rivers flow westward and meet Arabian Sea whereas Wainganga and Pench rivers meet Godavari in the south. The State can be divided into the following six major river basins (Map-II).



Map-II : River Basin in Madhya Pradesh



Map-III : Showing major reservoirs in the Narmada Basin

<b>1. Ganga basin</b>		
	Yamuna basin	Chambal sub-sub basin Kunwari sub-sub basin Jamni sub-sub basin Betwa sub-sub basin Dhasan sub-sub basin Ken sub-sub basin Paisuni and Baidhan sub-sub basin
	Tons sub basin Sone sub basin	
<b>2. Narmada basin</b>		
<b>3. Godavari basin</b>		
<b>4. Tapi basin</b>		
<b>5. Mahi basin</b>		
<b>6. Mahanadi basin</b>		

## 2. STUDY AREA

### The Narmada River Basin

Narmada river basin lies between East Longitude 72° 32' and 81° 45' and North Latitudes 21° 20' and 23° 45'. The River Narmada is the fifth largest river in India and the largest west flowing river of the Indian peninsula, originating from Maikal ranges at Amarkantak in Madhya Pradesh at an elevation of 900 m. It flows westwards over a length of 1,312 km before draining into the Gulf of Cambay, 50 km west of Bharuch city in Gujarat. Vindhya hills in the north, Satpura ranges in the south, Maikal ranges in the east and the Arabian Sea in the west form the boundaries of the basin. Total drainage area of the river is 98796 km<sup>2</sup>, out of which 85149 km<sup>2</sup> lies in Madhya Pradesh after formation of Chhattisgarh, which has 710 km<sup>2</sup>. Out of its total 1312 km length, the river flows for a length of 1112 km in Madhya Pradesh. The river Narmada has 41 tributaries of which 22 are on the left bank (south) and 19 on the right bank (north) with catchment area of more than 3500 sq. km. The major tributaries are Banjar, Hiran, Kolar, Sukta, Tawa, Tondoni, Beda, Sher, Shakkar, Mân, Hathni (Jobat), Halone and Goi rivers.

The basin has an elongated shape almost like a thin ribbon with a maximum length of 953 km east to west and a maximum width of 234 km north to south. The first 1,077 km of the river flows in Madhya Pradesh and the next 35 km stretch of the river forms the boundary between the State of Madhya Pradesh and Maharashtra. Again for the next 39 km, it forms the boundary between Maharashtra and Gujarat. The last stretch of 161 km lies in Gujarat. The total catchment area of about 1 Lakh sq. km extends in the administrative States of Madhya Pradesh (86.18%), Gujarat (11.6%), Maharashtra (1.5%) and Chhattisgarh (0.72%). Approximately, 35% of the basin area is under forest cover, 60% under arable land and 5% is grassland, wasteland etc (Gupta & Chakrapani, 2007).

Therefore, Narmada River is the “Life Line” of Madhya Pradesh and the “River of prosperity” for the State as almost 87 % of its basin lies in Madhya Pradesh and drains about 19 % area of the State covering twenty-three districts viz. Balaghat, Barwani, Betul, Chhindwara, Damoh, Dewas, Dindori, Dhar, Harda, Hoshangabad, Indore, Jabalpur, Jhabua, Katni, Khandwa (East Nimar), Khargone (West Nimar), Mandla, Narsinghpur, Raisen, Sagar, Sehore, Seoni and Shahdol. In fact, some district headquarters are located (Mandla, Jabalpur, Narsinghpur, Hoshangabad and Barwani) on the banks of the river or in close vicinity. The Narmada basin is considered extremely important for paleontological studies in India as several dinosaur fossils have been found in the area e.g. *Titanosaurus indicus* and *Rajasaurus narmadensis*, besides the discovery of a skullcap of *Homo erectus narmadensis* in 1984 and report of a human clavicle in 1997 are some of the examples. The river Narmada exposes magnificent geological sections along its course that are potential archives of geological and cultural evolution of this part of the country (Badam, 2007).

### Geology

The Narmada river flows along the ENEWSW trending Narmada–Son Fault (NSF), a well-known seismo-tectonic feature. The NSF is laterally traceable for more than 1000 km and parallels the Satpura orogenic belt. It demarcates peninsular India into two geographically distinct provinces, the Vindhyan–Bundelkhand province to the north and the Deccan province to the south, (Biswas, 1987).

### Climate

The tropic of Cancer crosses the Narmada basin in the Upper plains area and a major part of the basin lies just below this line. The climate of the basin is humid and tropical, although at places extremes of heat and cold are often encountered. Four distinct seasons occur in the basin : (i) Cold weather (ii) Hot weather (iii) South west monsoon and (iv) Post monsoon.

In the cold weather, the mean annual temperature varies from 17.5°C to 20°C, and in the hot weather it varies from 30°C to 32.5°C. During South west monsoon period the temperature ranges from 27°C to 30°C, whereas in post monsoon season the temperature ranges from 25°C to 27.5°C. May is the hottest month during the summer with the mean maximum temperature of 47°C to 48°C in the plains and 2°C to 5°C lower in the Plateau region.

### Rainfall

The rainfall is heavy in the upper hilly and upper plains areas of the basin. It gradually decreases towards the lower plains and the lower hilly areas and again increases towards the east and south western portions of the basin.

In the upper hilly areas, the annual rainfall is in general more than 1400 mm but it goes up to 1650 mm in some parts. In the upper plains the annual rainfall decreases from 1400 mm to less than 1000 mm with the high rainfall zone around Pachmarhi (Hoshangabad) where the annual rainfall exceeds 1800 mm. In the lower plains the annual rainfall decreases rapidly from 1000 mm to less than 650 mm and this area represents the most arid part of the Narmada river basin. In the lower hill areas, the annual rainfall again increases to a little over 750 mm.

The river basin has following five well defined physiographic zones.

- (i) the Upper hilly areas covering the districts of Shahdol, Dindori, Mandla, Balaghat and Seoni.
- (ii) the Upper Plains covering the districts of Jabalpur, Katni, Narsinghpur, Sagar, Damoh, Chhindwara, Hoshangabad, Betul, Raisen and Sehore.
- (iii) the lower plains covering the districts of Harda, Khandwa (East Nimar), part of Khargone (West Nimar), Dewas, Barwani, Indore and Dhar.
- (iv) the lower hilly areas covering part of the Khargone, Jhabua, Dhulia (Maharashtra) and parts of Baroda (Gujarat).
- (v) the low lying areas covering mainly the districts of Bharuch and part of Baroda in Gujarat.

The hilly regions are well forested. The upper, middle and lower plains are broad and fertile areas well suited for cultivation. The Narmada basin consists mainly of black soil. The costal plains in Gujarat are composed of alluvial clays with a layer of black soil on the surface.

**Crop Zones :** (Source: *The Heart Land Says It All Madhya Pradesh, 2005*)

Based on the different physiographic zones and land use pattern in the river basin the districts falling in the particular zone shows the crop pattern as indicated below This helps the planners to adopt the pest management strategies effectively.

Name of the crop zone	Soil type	Rainfall	Temperature	Crop/s grown	District/s
Chhattisgarh plains	Sandy loam and light black	1200-1600mm	Min. 2.5 to 5 degree Celsius	Paddy, Soyabean	Balaghat
Northern Hill Region of Chhattisgarh	Red & Yellow medium black	1200-1600mm	Min.0 to 2.5 degree Celsius	Paddy, Maize, Black-gram	Shahdol, Mandla, Dindori
Keymore Plateau Satpura Hills	Shallow, black with red	1100-1600mm	Min.0 to 2.5 degree Celsius	Wheat, Maize	Jabalpur, Katni, Seoni
Vindhya Plateau	Medium deep black	800-1000mm	Min.0 to 2.5 degree Celsius	Wheat, Gram, Lintel, Soyabean	Sagar, Damoh, Raisen, Sehore
Central Narmada Valley	Deep black, Sandy loam	1200-1600mm	Min.0 to 2.5 degree Celsius	Wheat, Gram, Lintel	Raisen, Sehore, Narsinghpur, Hoshangabad
Satpura Plateau	Shallow black gravelly	1000-1200mm	Min.0 to 2.5 degree Celsius	Wheat, Sorghum, Maize, Lintel, Pigeon-pea, Blackgram, Groundnut	Betul, Chhindwara

Name of the crop zone	Soil type	Rainfall	Temperature	Crop/s grown	District/s
Malwa Plateau	Medium black gravelly	1000-1200mm	Min. 0 to 2.5 degree Celsius	Wheat, Maize, Soyabean, Rape seed, Mustard, Groundnut	Dewas, Indore, Jhabua, Dhar (partial)
Nimar Plains	Medium black	800-1000mm	Min. 2.5 to 5 degree Celsius	Wheat, Sorghum, Maize, Lintel	Dhar (partial), Khandwa, Khargone, Barwani, Harda

The horticultural crops grown in these crop zones with the help of assured irrigation facilities include Mango, Chikku, Guava, Lime, Banana, Papaya, Munga, Pomegranate, Colocasia, Aonla, Pear, Peach and Litchi.

### 3. NATURAL RESOURCES

The materials obtained from the nature to meet the economic requirement of the people can be defined as 'Natural Resources' Today it has become imperative to extend this definition to accommodate all those human activities on total landscape of earth, its climate, water and soil directed towards economic gain. The Narmada River basin in Madhya Pradesh is bestowed with rich and diverse natural resources in the form of forests with overwhelming biodiversity (flora and fauna); water utilized for agriculture, fisheries and power generation; rocks containing minerals are exploited for the economic gains. Besides the state is enriched by cultural and historical wealth.

**Forest cover :** (Source : State of Forest Report, 2003, Forest Survey of India, Ministry of Environment & Forests, Dehradun, 134 pp)

Broadly, the forest cover in the basin can be divided in to eastern Sal forest and western less humid teak forest.

(Area in km<sup>2</sup>)

District	Geographic Area	Forest Cover				
		Very Dense	Moderately Dense	Open Forest	Total Forest	Percent
Balaghat	9,229	630	2,547	1,682	4,859	52.65
Barwani	5,422	0	389	512	901	16.62
Betul	10,043	142	1,844	1,551	3,537	35.22
Chhindwara	11,815	203	2,368	1,838	4,409	37.32
Damoh	7,306	6	903	1,769	2,678	36.65
Dewas	7,020	34	993	776	1,803	25.68
Dhar	8,153	0	181	404	585	7.18

District	Geographic Area	Forest Cover				
		Very Dense	Moderately Dense	Open Forest	Total Forest	Percent
Dindori	7,470	573	1,478	592	2,643	35.38
Harda	3,330	1	598	446	1,045	31.38
Hoshangabad	6,707	261	1,292	849	2,402	35.81
Indore	3,898	0	299	255	554	14.21
Jabalpur	5,211	50	408	620	1,078	20.69
Jhabua	6,778	0	336	506	842	12.42
Katni	4,950	89	477	625	1,191	24.04
Khandwa (East Nimar)	10,776	43	2,058	1,479	3,580	33.22
Khargone (West Nimar)	8,030	0	415	674	1,089	13.56
Mandla	5800	443	1,309	980	2,732	47.10
Narsinghpur	5,133	74	517	783	1,374	26.77
Raisen	8,466	79	1,569	1,084	2,732	32.27
Sagar	10,252	2	1,722	1,198	2,922	28.50
Sehore	6,578	0	740	724	1,464	22.26
Seoni	8,758	239	1,412	1,387	3,038	34.69
Shahdol	9,952	99	1,491	893	2,483	24.95

It is evident from the above table that roughly one fourth of the basin has more than 35% forest cover of which 5.84% is under protected area.

#### Biological Hotspots: (Plates-5 & 6).

Some of the forest areas in Narmada river basin are endowed with rich natural genetic resources of tropical broad leaved species and can be considered as biological hotspots. These hotspots are Amarkantak Plateau, Pachmarhi Plateau, Chandan Bag (Sandal forests) of Seoni, Patalkot, Garhakota-Ramna Reserve, Supkhar, Plant fossils of Mandla, Trap Dyke of Pipri, Machna Teak Forest Reserve, Bori Nature Reserve and Rukhad Nature Reserve.

#### Protected Areas

The Protected areas in the basin include five National Parks and 13 Wildlife Sanctuaries. The ecotourism activities in these areas generate revenue to the State Forest Department and enhance the economy of the local people besides protecting the precious wildlife.

Sl. No.	National Parks	District/s and Geographic area (sq km)	Major animals found
1	Bandhavgarh National Park	Umariya/Katni (448.85)	Tiger, Panther, Chital, Bison Sambhar, Muntjac, Nilgai
2	Fossil National Park	Mandla (0.27)	Plant fossils

Sl. No.	National Parks	District/s and Geographic area (sq km)	Major animals found
3	Kanha National Park	Mandla, Balaghat, Dindori (940)	Tiger, Panther, Chital, Bison, Sambhar, Barasingha, Black buck, Wild Dog, Mouse, Deer
4	Pench (Priadarshani) National Park	Seoni/Chhindwara (292.85)	Tiger, Panther, Chital, Nilgai, Bison, Wild Boar
5	Satpura National Park	Hoshangabad (585.17)	Tiger, Panther, Cheetal, Bear, Sambhar, Muntjac, Indian Giant Squirrel
<b>Sanctuaries</b>			
1	Bori	Hoshangabad (485.72)	Tiger, Panther, Chital, Bear, Sambhar, Muntjac, Nilgai, Bison, Indian Giant Squirrel
2	Phen Sanctuary	Mandla (110.74)	Tiger, Panther, Chital, Sambhar, Muntjac
3	Kheoni	Dewas /Sehore (122.70)	Panther, Sambhar, Chital
4	Noradehi Sanctuary	Damoh, Sagar Narsinghpur(1194.67)	Nilgai, Black Buck, Chital, Sambhar, Chinkara, Bear, Wild Dog
5	Pachmarhi Sanctuary	Hoshangabad (417.78)	Tiger, Panther, Chital, Bison, Sambhar, Chinkara, Bear, Nilgai,
6	Panpatha Sanctuary	Umaria (245.84)	Tiger, Panther, Sambhar, Bear, Nilgai, Barking Deer, Chausingha
7	Pench Sanctuary	Seoni/Chhindwara (118.47)	Tiger, Panther, Chital, Gaur, Sambhar, Blue Bull, Jungle Fowl
8	Ratapani Sanctuary	Raisen (823.84)	Tiger, Panther, Sambhar, Chital, Blue bull, Barking Deer, Chinkara
9	Singhori Sanctuary	Raisen (287.91)	Tiger, Panther, Chital, Sambhar, Chinkara, Black Buck, Blue Bull
10	Son Ghariyal Sanctuary	Shahdol/ Sidhi (41.80)	Ghariyal, Crocodile, Turtle, Migratory Birds
11	Sardarpur Florican Sanctuary	Dhar (348.12)	Kharmor
12	Ralamandal Sanctuary	Indore (2.34)	Common wild animals found in MP
13	Veerangna Durgavati Sanctuary	Damoh (23.97)	Common wild animals found in MP

### Fisheries Potential

The Narmada river basin has great potential for fisheries through reservoirs, tanks, lakes and ponds located in the basin apart from the riparian areas (Map-III). Since 1980, fishing in the rivers is permitted to the local fishermen belonging to the scheduled tribes and scheduled castes. A sizable population of fishermen lives in the vicinity of rivers and earn their livelihood from capture fisheries.

**District-wise Water-Spread Area** (Source : Third Environmental Status Report, EPCO, Bhopal; 1996.)

District	Village Ponds & Tanks (ha.)	Irrigation Reservoir (ha.)	Total (ha.)
Balaghat	3447	3719	7166
Barwani	NA		
Betul	329	2977	3306
Chhindwara	272	5729	6001
Damoh	1246	1812	3058
Dewas	875	1077	1952
Dhar	2407	3896	6303
Dindori	NA		
Harda	NA		
Hoshangabad	NA		
Indore	2236	1368	3604
Jabalpur	3684	19829	23514
Jhabua	857	2631	3488
Katni	NA		
Khandwa	137	1352	1489
Khargone	409	3607	4016
Mandla	830	2924	3754
Narsinghpur	557	328	886
Raisen	889	10020	10909
Sagar	572	1425	1997
Sehore	1178	3498	4676
Seoni	1336	5171	6506
Shahdol	4661	34664	39321

The commercial catches of the river basin consist of major Carps like *Tor tor*, *Labeo calbasu*, *Cirrhinus mrigala* and minor carps like *Labeo bata*, *Cirrhinus reba* and *Puntius sarana*. The bulk of catfish fishery comes from *Rita pavementata*, few species of *Mystus*, *Clupisoma garua*, *Ompok bimaculatus*, *Channa* spp. *Mastacembelus armatus* and *Notopterus notopterus*. (Third Environmental Status Report of Madhya Pradesh, 1996).

**Medicinal Plant resources** : (Source: *The Heart Land Says It All Madhya Pradesh*, 2005).

These medicinal plants are available either through cultivation or in wild areas of the river basin :

<b>Botanical Name of the Plant/ Hindi name</b>	<b>Parts Used</b>	<b>Uses</b>	<b>District located in the Narmada basin</b>
<i>Emblica officinalis</i> Aonla	Fruits	Diuretic, laxative, antioxidant, antidyseric and antispasmodic	Balaghat, Betul, Hoshangabad Seoni, Chhindwara, Mandla, Katni
<i>Withania somnifera</i> Ashwagandha	Roots	Rheumatism, bronchitis, impotency and toning up of body in men; skin diseases and against inflammation	Chhindwara, Katni, Dewas, Indore
<i>Andrographis paniculata</i> Kalmegh	Whole plant	Febrifuge, stomachache, anti-viral, anti-dysenteric, general debility and dyspepsia	Chhindwara, Seoni, Hoshangabad, Dindori, Barwani, Indore, Katni, Betul
<i>Asparagus recemosus</i> Satavar	Roots	Demulcent, aphrodisiac, diuretic, useful in diabetes and urinary disorders, galactagogue	Chhindwara, Dindori, Betul Raisen
<i>Chlorophytum borivillarum</i> Safed Musali	Roots	Aphrodisiac, curing general debility, impotency and rejuvenative	Dhar, Indore, Khargone, Barwani, Chhindwara, Hoshangabad, Betul
<i>Acorus calamus</i> Bach or Sweet Flag	Rhizomes	Appetizer, analgesic, sedative, used for kidney stones and spleen diseases, stimulant, vermifuge, relieves flatulence, expectorant, used for flavoring foods and beverage	Dindori, Chhindwara, Shahdol, Katni, Jabalpur
<i>Raulfia serpentina</i> Serpagandha	Roots	Sedative, antihypertensive, anti-spasmodic	Indore, Seoni, Narsinghpur, Dindori, Chhindwara, Katni
<i>Gymnema sylvestre</i> Gumar	Leaves	Possesses blood sugar reducing properties, used against diabetes and obesity	Sagar, Raisen, Betul
<i>Cyperus rotandus</i> Nagarmotha	Rhizomes	Anti-inflammatory, intellect promoting, revulsive depurative, carminative, digestive, expectorant, antihelmintic	Shahdol, Dewas, Narsinghpur
<i>Tinospora cordifolia</i> Giloy	Stem	Cures sleeplessness, general debilities, hyper acidity, increases body resistance to diseases, antipyretic, delays greying of hair	Sagar

<b>Botanical Name of the Plant/ Hindi name</b>	<b>Parts Used</b>	<b>Uses</b>	<b>District located in the Narmada basin</b>
<b><i>Aegle marmelos</i></b> Bel	Stem	Cures sleeplessness, general debilities, hyper acidity, increases body resistance to diseases, antipyretic, delays greying of hair	Sagar
<b><i>Embellia ribes</i></b> Blabidang	Seeds	Cures anemia, polyuria, rigidity of lower limbs, tonic and anthelmintic (against tapeworms)	Chhindwara, Balaghat, Betul, Hoshangabad
<b><i>Phyllanthus amarus</i></b> Bhui Amla	Whole plant	Improves jaundice and anemia, hiccups, improves liver and eye disorders	Jabalpur, Hoshangabad, Narsinghpur, Dindori
<b><i>Azadirachta indica</i></b> Neem	Seeds and leaves		Khandwa, Khargone, Barwani, Indore, Chhindwara, Hoshangabad, Narsinghpur, Sagar, Mandla, Jabalpur
<b><i>Terminalia arjuna</i></b>	Bark	Antiseptic, antifungal, blood purifier, effective in skin diseases, used in cosmetics, as biopesticide and insecticide	Khandwa, Narsinghpur, Balaghat, Betul, Hoshangabad
<b><i>Terminalia bellerica</i></b> Bahera	Fruits	Astringent, detoxificant, anti-inflammatory, anti-asthmatic	Chhindwara, Narsinghpur
<b><i>Terminalia chebula</i></b> Harra	Fruits	Used in natural dyes, astringent, purgative, carminative, detoxificant, enriches blood and is febrifuge	Chhindwara, Dindori, Shahdol
<b><i>Jatropha curcas</i></b> Ratanjot	Fruits	Purgative, aphrodisiac, nerve tonic, used in leucoderma, used as bio-diesel	All districts of the basin
<b><i>Vetiveria zizanioides</i></b> Khus	Roots	Used as fixative, in perfumery and cosmetic industry	Shahdol, Dindori
<b><i>Cymbopogon flexuosus</i></b> Lemon grass	Whole plant (oil)	Vitamin A, toilet soap, cosmetics, herbal tea	Balaghat, Dhar, Khargone, Raisen, Harda
<b><i>Cymbopogon martinii</i></b> Lemon grass	Whole plant (oil)	Perfumery, cosmetics, flavouring of tobacco	Betul, Khandwa, Khargone, Indore, Dhar
<b><i>Cymbopogon winteraius</i></b>	Whole plant (oil)	Perfumery, flavouring of tobacco	Indore, Khargone, Balaghat, Harda

Botanical Name of the Plant/ Hindi name	Parts Used	Uses	District located in the Narmada basin
<i>Ocimum basilicum</i> Tulsi	Whole plant (oil)	Perfumery, toothpaste, liquor etc.	Indore, Dhar, Seoni
<i>Aloe barbadensis</i> Aloe or Kumari	Leaves	Purgative, used in liver disorders, rheumatism, cures chronic ulcers, used as base material for vanishing creams and in cosmetics	Dhar, Seoni, Indore, Balaghat, Chhindwara
<i>Plantago ovata</i> Isabgol	Seed husk	Laxative, diuretic, mild astringent, has anti-diabetic properties	Indore

**Mineral Wealth :** (Source: *The Heart Land Says It All Madhya Pradesh, 2005*).

Narmada river basin plays a vital role in the national development through the production of several important minerals.

Name of the Mineral	District located in the Narmada river basin
Coal	Shahdol, Betul, Chhindwara, Narsinghpur
Lime Stone	Damoh, Hoshangabad, Narsinghpur, Katni, Sagar, Dhar, Khargone, Jhabua, Balaghat
Manganese Ore	Balaghat, Chhindwara, Jhabua
Bauxite	Shahdol, Mandla, Balaghat, Katni
Copper Ore	Balaghat
Dolomite	Balaghat, Sagar, Mandla, Jabalpur, Katni, Narsinghpur, Seoni, Jhabua, Khandwa, Dewas
Marble (Fine variety)	Katni, Jabalpur, Narsinghpur, Jhabua
Sand Stone	Raisen, Sagar

**Mineral based Industries :** (Source : *The Heart Land Says It All Madhya Pradesh, 2005*).

These industries contribute substantially in the growth of the State besides providing employment to the local population.

Name of the Industry	District located in the Narmada river basin
Cement	Damoh, Katni
Thermal Power	Betul, Shahdol, Damoh, Katni
Asbestos Cement Sheet	Katni
Ceramics	Jabalpur
Hydrated Lime	Katni
Coal Washery	Chhindwara
Refractories	Katni, Jabalpur
Roofing (Mangalore) Tiles	Hoshangabad, Balaghat
Marble Cutting & Polishing	Katni

**Religious/Historical and Tourist Places : (Plates- 1 to 5).**

The Narmada River is one of the most important sacred rivers and considered extremely holy by Hindus, believed to have descended from the sky by the order of Lord Shiva. The faith is so strong that just the sight of the river is considered enough to wash away all sins because of its sanctity. Thus, there are number of places of worship along the river important from 'faith tourism' point of view and beautiful ghats are built on banks of the river at many places to perform the traditional rituals. One of the highest acts a pilgrim can perform is to walk from the sea to the source of the river and back along the opposite bank, a process that can take considerable period and time. The historical places in the river basin attract people from all walks of life.

<b>Name of the Place</b>	<b>District located In the Narmada river basin</b>
Amarkantak-a sacred place and origin of the river Narmada worshiped by pilgrims, deemed to be a door-way to 'nirwana'; Virateshwar Temple in Sohagpur Vangana, a structural masterpiece	Shahdol
Gwarighat-Tilwaraghat-Lametaghat-Bheraghat-waterfall (Dhoonawadhar) and gorge of 'Marble Rocks', the major tourist attraction and places of worship. Madan Mahal Fort-a historical place	Jabalpur
Kanha National Park, Lanji Fort/Temple, Nahlesara Dam, Rampaily Temple, Gomji-Somji Temple	Balaghat
Jain pilgrimage center. Veereshwar Mahadev Temple, Nagari Mata Temple, Bawangaja, Bhawar Garh are places of tourist interest	Barwani
Pachmari-a famous hill station and a tourist attraction	Hoshangabad
Bhabhara, Deojhiri, and Kathiwada-tourist places	Jhabua
Archaeological site near Eran and Sagar Lake	Sagar
Archaeological and historical places Ganesh Mandir, Jama Masjid, Hanuman Phatak etc. to taste a slice of history	Sehore
Wild life lovers paradise-a visit to Pench Tiger Reserve can be a life time experience	Seoni
Patalkot, Tamia, Tribal Museum, Chota Mahadev Cave, Devgarh Fort, Nadadwari, Hot Water Spring, Radhadevi Caves, Jam Sanvli Temple	Chhindwara
Jatashankar, Giri Darshan, Nohleshwar Temple, Nidan Kund, The Fort of Singaugarh, Sad-Bhawna Shikha	Damoh
Khivni Sanctuary, Kitty Fall, Kavadia Hills, Pawar Chattries, Gidya Khoh, Sayaji Gate, ShukraWaria Gate, Pathan Kuan Gate, Nahar Darwaza	Dewas
Kanha National Park (partly lies in this district)-paradise for wildlife buff, 'Sahastradhara' or thousand flow-place of sanctity	Mandla

Name of the Place	District located in the Narmada river basin
The Royal Enclave (Jahaj Mahal), Hindola Mahal, Jami Masjid, Chhappan Mahal Museum, Ashmadha-Fossil Museum, Hoshang Shah's Tomb, Mohankheda-Jain Tirth, Amjhera, Bagh Caves	Dhar
Narsimha Mandir, Bramhan Ghat and Jhoteswar	Narsinghpur
Lal Bagh Palace, Kanch Mandir, Gandhi Hall and Nehru Park	Indore
Omkareshwar temple, Mandhata, Ghantaghar, Dada Dhuni wale Darbar, Dam at Narmada Nagar, Turja Bhawani Mata temple and Gauri kunj	Khargone
Sanchi, Bhojpur and Bhimbetka (a world heritage monument—rock shelter paintings) are of historical and archeological significance	Raisen
Majestic ghats and historical sites	Khargone
Siddi Vinayak Mandir and Laxmi Narayan Bada Mandir	Harda
Mineral based industries	Katni

#### 4. FAUNAL RESOURCES

(Plates : 7 to 24)

The enumeration on the faunal resources of the Narmada river basin in Madhya Pradesh is mainly based on the published literature such as *Fauna of British India*, *Fauna of India* and number of articles published in scattered scientific periodicals, reports and documents which resulted in listing of 2422 species (665 vertebrates and 1757 invertebrates) belonging to 40 different animal groups (Table-I.).

It is very likely that the species reported here from the particular district might occur in other districts as well falling in the basin. Furthermore, the on going and upcoming developmental plans of State as well as Central Government in the river valley coupled with demographic pressure will undeniably have adverse effect on the faunal resources of the river basin.

#### SYSTEMATIC LIST OF SPECIES

The classification adopted here is mostly based on *Fauna of British India*, *Fauna of India* with modifications appearing in the recent literature on the relevant animal group.

Phylum PROTOZOA

Class COCCIDIASINA

Order EUCCOCCIDIORIDA

Family EIMERIIDAE

- |                                       |                  |
|---------------------------------------|------------------|
| 1. <i>Eimeria brunetti</i> Levine     | Jabalpur         |
| 2. <i>Eimeria cerdonis</i> Vetterling | Indore, Jabalpur |
| 3. <i>Eimeria deblickei</i> Douwes    | Indore, Jabalpur |

4. *Eimeria neodebliecki* Vetterling Indore, Jabalpur
5. *Eimeria perminuta* Henry Indore
6. *Isospora* sp. Jabalpur
- Class FILOSIA  
Order ACONCHULINIDA  
Family EUGLYPHIDAE
7. *Uroleptus piscis* (Muller) Indore
- Phylum PLATYHELMINTHES (Flatworms)  
Class TREMATODA  
Subclass DIGENIA  
Order FASCIOLATOIDEA  
Family ECHINOSTOMATIDAE
8. *Artyfechinostomum indicum* (Bhalerao) Jabalpur
9. *Artyfechinostomum sufrartyfex* Lane Jabalpur
10. *Chaunocephalus ferox* (Rud) Jabalpur
11. *Echinoparyphium dollfusi* (Agarwal) Jabalpur
12. *Echinoparyphium indicum* (Rai) Jabalpur
13. *Episthmium bursicola* (Creplin) Jabalpur
14. *Euparyphium inerme* (Fuhrmann) Jabalpur
15. *Paryphostomum dollfusi* (Agrawal) Jabalpur
16. *Paryphostomum giganticum*  
(Rai & Agarwal) Jabalpur
17. *Pegosomum kulbehri* (Dwivedi) Chhindwara
18. *Stephanoprora seathae* (Dwivedi) Chhindwara
- Family OPISTHORCHIIDAE
19. *Opisthorchis (Opisthorchis) mehrai*  
(Agarwal) Jabalpur
- Phylum NEMATHELMINTHES (Round worms)  
Class NEMATODA  
Order ASCARIDIDEA  
Family ASCARIDIDAE
20. *Ascaridia columbae* (Gmelin) Jabalpur
21. *Contracaecum haliaeti* Baylis & Paubrey Balaghat

## Phylum ROTIFERA

## Class EUROTATORIA (Monogononta)

## Family LECANIDAE

22. *Lecane (Lecane) curvicornis curvicornis* (Murray) Part of basin

23. *Lecane (Lecane) leontina* (Turner) Part of basin

## Family GASTROPODIDAE

24. *Ascomorpha ovalis* (Bergendahl) Part of basin

## Family FILINIDAE

25. *Filinia longiseta* (Ehrenberg) Part of basin

26. *Filinia opoliensis* (Zacharias) Part of basin

## Family EUCHLANIDAE

27. *Beauchampiella eudactyla* (Gosse) Part of basin

28. *Euchlanis dilatata* Ehrenberg Part of basin

## Family MYTILINIDAE

29. *Mytilina ventralis* (Ehrenberg) Part of basin

## Family TRICHOTRIIDAE

30. *Macrochaetus sericus* (Thorpe) Part of basin

31. *Trichotria tetractis* (Ehrenberg) Part of basin

## Family BRACHIONIDAE

32. *Brachionus angularis* Gosse Part of basin

33. *Brachionus bidantata* Anderson Part of basin

34. *Brachionus budapestinensis* Daday Part of basin

35. *Brachionus calyciflorus* Pallas Part of basin

36. *Brachionus fulcatus* Zacharina Part of basin

37. *Brachionus patulas* O.F.Muller Part of basin

38. *Brachionus quadridentatus* Hermann Part of basin

39. *Keratella tropica* (Apstein) Part of basin

## Family PHILODINIDAE

40. *Rotaria neptunia* (Ehrenberg) Part of basin

## Family TESTUDINELLIDAE

41. *Testudinella patina* Hermann Part of basin

## Family TRICHOCERCIDAE

42. *Trichocerca braziliensis* (Murray) Part of basin

## Family ASPLANCHNIDAE

43. *Asplanchna brightwelli* (Gosse) Part of basin

## Family SYNCHAETIDAE

44. *Polyarthra vulgaris* Carlin Part of basin

## Family NOTOMMATIDAE

45. *Cephalodella forficula* (Ehrenberg) Part of basin  
46. *Cephalodella gibba* Ehrenberg Part of basin

## Family LEPADELLIDAE

47. *Lepadella aspida* Harring Part of basin  
48. *Lepadella ovalis* O. F. Muller Part of basin

## Phylum ANNELIDA

## Class OLIGOCHAETA (Earthworms)

## Order MONILIGASTRIDA

## Family MONILIGASTRIDAE

49. *Drawida caledi* Gates Jabalpur  
50. *Drawida willsi* Michaelsen Jabalpur

## Order HAPLOTAXIDA

## Family GLOSSOSCOLECIDAE

51. *Pontoscolex corethrurus* (Muller) Jabalpur

## Family OCNERODRILIDAE

52. *Deccania alba* Gates Jabalpur  
53. *Malabaria sulcata* Gates Jabalpur  
54. *Ocnerodrilus occidentalis* Eisen Jabalpur  
55. *Thatonia parva* Gates Jabalpur

## Family OCTOCHAETIDAE

56. *Barogaster barodensis* (Stephenson) Jabalpur  
57. *Dichogaster affinis* (Michaelson) Jabalpur  
58. *Dichogaster bolau* (Michaelson) Jabalpur  
59. *Eudichogaster ashworthi* (Michaelson) Hoshangabad  
60. *Eudichogaster prashadi* Stephenson Betul, Sagar, Jabalpur  
61. *Lenogaster falcifer* (Stephenson) Sagar, Jabalpur  
62. *Lenogaster pusillus* (Stephenson) Sagar, Jabalpur  
63. *Octochaetona beatrix* (Beddard) Jabalpur  
64. *Octochaetona surensis* (Michaelson) Jabalpur  
65. *Octochaetona paliensis* (Stephenson) Hoshangabad  
66. *Pellogaster bengalensis* (Michaelson) Jabalpur  
67. *Ramiella bishambari* (Stephenson) Jabalpur  
68. *Ramiella nainiana* Gates Jabalpur

## Family MEGASCOLECIDAE

69. *Amyntas alexandri* (Beddard) Jabalpur  
 70. *Metaphire houlleti* (Perrier) Jabalpur  
 71. *Metaphire posthuma* (Vaillant) Jabalpur  
 72. *Lampito mauritii* Kinberg Jabalpur, Katni, Khargone  
 73. *Perionyx festivus* Gates Jabalpur  
 74. *Perionyx millardi* Stephenson Jabalpur  
 75. *Perionyx sansibaricus* Michaelsen Jabalpur, Khandwa, Indore  
 76. *Polypheretima elongata* (Perrier) Hoshangabad

## Order HAPLOTAXIDA

## Suborder TUBIFICINA

## Superfamily TUBIFICOIDEA

## Family NAIDIDAE

77. *Allonais paraguayensis* (Michaelsen) Hoshangabad

## Class HIRUDINEA (Leeches)

## Order RHYNCHOBDELLIDA

## Family GLOSSIPHONIIDAE

78. *Alboglossiphonia weberi* (Blanchard) Hoshangabad, Sagar  
 79. *Hemiclepsis marginata* (Muller) Hoshangabad  
 80. *Placobdelloides emydae* (Harding) Hoshangabad

## Order ARHYNCHOBDELLIDA

## Suborder HIRUDINIFORMES

## Family HIRUDINIDAE

81. *Poecilobdella granulosa* (Savigny) Hoshangabad

## Suborder ERPOBDELLIFORMES

## Family ERPOBDELLIDAE

82. *Herpobdelloidea lateroculata* Kaburaki Sagar

## Family SALIFIDAE

83. *Barbronia weberi* (Blanchard) Hoshangabad

## Phylum ARTHROPODA

## CLASS CRUSTACEA

## Subclass OSTRACODA

## Family CYPRIDIDAE

## Subfamily CYPRIDINAE

84. *Cypris subglobosa* Sowerby Balaghat, Jabalpur  
 85. *Cypris dravidensis* Victor & Michael Jabalpur  
 86. *Hemicypris pyxidata* (Moniez) Balaghat

87. *Strandesia purpurascens* (Brady) Balaghat  
 88. *Strandesia elongata* Hartmann Jabalpur  
 89. *Strandesia victori* Harshey & Srinivasan Jabalpur  
 90. *Strandesia webri* (Moniez) Jabalpur, Balaghat  
 91. *Strandesia indica* Hartmann Jabalpur  
 92. *Strandesia madhuria* Harshey & Srivastav Jabalpur  
 93. *Strandesia meghnae* Harshey & Srivastav Jabalpur  
 94. *Strandesia neelimae* Harshey & Srivastav Jabalpur  
 95. *Strandesia odiosa* Moniez Jabalpur  
 96. *Strandesia parva* Hartmann Jabalpur  
 97. *Strandesia perakensis* Victor & Fernando Jabalpur  
 98. *Tanycypris pellucida* (Klie) Mandla

## Subfamily DOLEROCYPRIDINAE

99. *Astenocypris papyracea* Sars Jabalpur  
 100. *Dolerocypris sinensis* Sars Jabalpur

## Subfamily CYPRETTINAE

101. *Cypretta globosa* (Brady) Jabalpur  
 102. *Cypretta turgida* (Sars ) Jabalpur

## Family HETRPETOCYPRIDIDAE

103. *Chrissia humilis* Klie Jabalpur  
 104. *Parastenocypris biswasii* (Deb) Jabalpur  
 105. *Stenocypris derupta* Vavra Jabalpur  
 106. *Stenocypris disticta* Victor & Fernando Jabalpur  
 107. *Stenocypris jabalpurensis* Harshey & Patil Jabalpur  
 108. *Stenocypris major* (Baird) Balaghat, Jabalpur

## Family CYPRIDOPSIDAE

109. *Oncocypris pustulosa* Gurney Jabalpur  
 110. *Pseudocypretta maculata* Klie Mandla, Jabalpur

## Family CANDONIDAE

## Subfamily CYCLOCYPRIDIINAE

111. *Physocypria furfuracea*

## Order COPEPODA

## Family DIAPTOMIDAE

112. *Diaptomus* sp.  
 113. *Phyllodiaptomus blanci*

## Family CYCLOPIDAE

114. *Cyclops serrulatus* (Fischer)115. *Mesocyclops leukarti* (Claus)

## Order CLADOCERA

## Family DAPHNIDAE

116. *Simocephalus surekhae* Rane Jabalpur117. *Simocephalus vamani* Rane Jabalpur

## Family SIDIDAE

118. *Latonopsis fasciculata* Daday Jabalpur119. *Latonopsis fernandoi* Rane Jabalpur

## Family BOSMINIDAE

120. *Bosminopsis devendrai* Rane Jabalpur

## Family CHYDORIDAE

121. *Camptocercus latikae* Rane Jabalpur122. *Indialona jabalpurensis* Rane Jabalpur123. *Oxyurella sangramsagari* Rane Jabalpur

## Order DECAPODA

## Superfamily PALAEMONOIDEA

## Family PALAEMONIDAE

124. *Macrobrachium dayanum* (Henderson) Entire basin125. *Macrobrachium malcolmsonii*  
(H. Milne-Edwards) Entire basin126. *Macrobrachium* sp. Entire basin

## Class CHILOPODA

## Order SCOLOPENDROMORPHA

## Tribe SCOLOPENDRINI

## Family SCOLOPENDRIDAE

127. *Scolopendra morsitans* Linnaeus Hoshangabad, Jabalpur, Balaghat,  
Mandla, shahdol128. *Scolopendra amazonica* (Bucherl) Dewas, Hoshangabad, Jabalpur129. *Scolopendra subspinipes subspinipes* Leach Jabalpur130. *Cormocephalus dentipes* Pocock Shahdol, Jabalpur, Balaghat131. *Cormocephalus pilosus* Jangi Betul, Balaghat, Shahdol

## Tribe ASANADINI

132. *Asanada agharkari* (Gravely) Jabalpur, Hoshangabad, Balaghat133. *Asanada sukhensis* Jangi & Das Hoshangabad, Jabalpur

## Subfamily OSTOSTIGMINAE

## Tribe OSTOSTIGMINI

134. *Rhysida nuda nuda* (Newport) Balaghat, Jabalpur, Shahdol  
 135. *Rhysida nuda immarginata* (Porath) Jabalpur  
 136. *Rhysida longipes longipes* (Newport) Balaghat, Hoshangabad

## Class ARACHNIDA

## Order SCORPIONIDA

## Family BUTHIDAE

137. *Hemibuthus crassimanus* Pocock Jabalpu, Indore  
 138. *Isometrus (Reddyanus) rigidulus* Pocock  
 139. *Lychas (Endotrichus) laevifrons* (Pocock) Hoshangabad  
 140. *Lychas (Endotrichus) tricarinatus* Simon Jabalpur  
 141. *Mesobuthus tamulus tamulus* (Pocock) Indore, Jabalpur, Damoh, Sagar  
 142. *Mesobuthus tamulus gangeticus* Pocock Hoshangabad, Jabalpur  
 143. *Stenochirus politus* (Pocock) Mandla, Seoni

## Family SCORPIONIDAE

144. *Heterometrus (Chersonesometrus) granulomanus* Counzj Balaghat, Hoshangabad

## Family ISCHNURIDAE

145. *Hormurus nigripes* Pocock Hoshangabad

## Family VAEJOVIDAE

146. *Scorpiops scorpiops pachmarhicus*  
 Bastawade Hoshangabad

## Order SOLIFUGAE

## Family GALEODIDAE

147. *Galeodes indicus* Pocock Hoshangabad, Seoni

## Subclass ACARINA

## Order PROSTIGMATA

## Family TETRANYCHIDAE

## Subfamily TETRANYCHINAE

## Tribe EURYTETRANYCHINI

148. *Eutetranychus orientalis* (Klein) Chhindwara

## Tribe TETRANYCHINI

149. *Eutetranychus phaseoli* Nassar & Ghai Sagar  
 150. *Eotetranychus hirsti* Pritchard & Baker Chhindwara  
 151. *Schizotetranychus hindustanicus* (Hirst) Chhindwara  
 152. *Schizotetranychus andropogoni* (Hirst) Sagar, Jabalpur

153. *Oligonychus indicus* (Hirst) Chhindwara, Damoh, Sagar  
 154. *Oligonychus iseilemae* (Hirst) Chhindwara, Betul  
 155. *Oligonychus mangiferus* Chhindwara, Betul, Hosangabad,  
 (Rahman & Sapra) Jabalpur, Sagar, Shahdol  
 156. *Oligonychus punicae* (Hirst) Chhindwara  
 157. *Oligonychus biharensis* (Hirst) Damoh  
 158. *Tetranychus cinnabarinus* (Boisd.) Chhindwara, Jabalpur, Shahdol  
 159. *Tetranychus macfarlanei* Baker & Dhar, Shahdol  
 Pritchard  
 160. *Tetranychus neocaledonicus* Andre Chhindwara, Betul, Jabalpur, Raisen,  
 Sagar, Shahdol  
 161. *Tetranychus urticae* Koch Chhindwara, Raisen, Shahdol

## Tribe EURYTETRANYCHINI

162. *Aponychus corpuzae* Rimando Sagar  
 163. *Eutetranychus bredini* Baker & Pritchard Betul, Damoh  
 164. *Eutetranychus nagai* Nassar & Ghai Damoh  
 165. *Eutetranychus orientalis* (Klein) Betul, Chhindwara, Damoh,  
 Hosangabad, Sagar

## Family TENUIPALPIDAE

166. *Brevipalpus phoenicis* (Geij) Jabalpur  
 167. *Tenuipalpus punicae* Pritchard & Bakar Chhindwara

## Family TARSONEMIDAE

168. *Polyphagotarsonemus latus* (Banks) Khargone

## Family CUNAXIDAE

169. *Cunax setirostris* (Hermann) Khargone

## Family PHYTOSEIIDAE

170. *Amblyseius (Euseius) alstoniae* Gupta Chhindwara, Dhar  
 171. *Amblyseius (Euseius) coccineae* Gupta Chhindwara, Hosangabad  
 172. *Amblyseius (Typhlodromalus)*  
*kalimpongensis* Gupta Chhindwara, Dhar, Hosangabad  
 173. *Phytoseius (Phytoseius) macrosetosus*  
 Gupta Jabalpur  
 174. *Typhlodromus (Orientiseius) rikeri* Chant Hosangabad

## Order METASTIGMATA

## Family IXODIDAE

175. *Amblyomma testudinarium* Koch Part of basin  
 176. *Boophilus microplus* (Canestrini) Part of basin

177. *Haemaphysalis bispinosa* Neumann Part of basin  
 178. *Haemaphysalis spinigera* Neumann Balaghat  
 179. *Hyalomma brevipunctata* (Sharif) Part of basin  
 180. *Rhipicephalus haemaphysaloides* (Supino) Part of basin
- Order ARANEAE  
 Suborder LABIDOGNATHA  
 Family OECOBIIDAE
181. *Oecobius putus* Cambridge Hoshangabad, Jabalpur  
 Family ERESIDAE
182. *Stegodyphus pacificus* Pocock Sagar, Chhindwara, Hoshangabad  
 183. *Stegodyphus sarasinorum* Karsch Chhindwara, Hoshangabad  
 184. *Stegodyphus socialis* Pocock Hoshangabad, Chhindwara
- Family FILISTATIDAE
185. *Pritha poonaensis* (Tikader) Hoshangabad, Jabalpur, Chhindwara,  
 Seoni  
 Family ULOBORIDAE
186. *Uloborus danolius* Tikader Jabalpur  
 187. *Uloborus jabalpurensis* Bhandari & Gajbe Jabalpur  
 188. *Uloborus khasiensis* Tikader Chhindwara
- Family MIMATIDAE
189. *Mimatus* sp. Chhindwara  
 Family HERSILIIDAE
190. *Hersilia savignyi* Lucas Chhindwara, Seoni, Mandla,  
 Family UROCTEIDAE
191. *Uroctea indica* Pocock Hoshangabad  
 Family SCYTODIDAE
192. *Scytodes kinsukus* Patel Chhindwara  
 193. *Scytodes propinqua* Stoliczka Chhindwara
- Family THOMISIDAE
194. *Monaeses jabalpurensis* Gajbe & Rane Jabalpur  
 195. *Oxyptila amkhasensis* Tikader Jabalpur  
 196. *Oxyptila jabalpurensis* Bhandari & Gajbe Jabalpur, Seoni  
 197. *Runcinia escheri* Reimoser Seoni  
 198. *Runcinia yogeshi* Gajbe & Gajbe Jabalpur  
 199. *Synaema brunettii* Tikader Chhindwara  
 200. *Synaema decorate* Tikadar Shahdol

- |      |   |                                     |
|------|---|-------------------------------------|
| 201. | <i>Synaema mysorensis</i> Tikader           | Betul                               |
| 202. | <i>Thomisus cherapunjeus</i> Tikader        | Jabalpur, Mandla,                   |
| 203. | <i>Thomisus katrajghatus</i> Tikader        | Sagar                               |
| 204. | <i>Thomisus projectus</i> Tikader           | Chhindwara                          |
| 205. | <i>Thomisus pugilis</i> Stoliczka           | Jabalpur, Chhindwara, Mandla        |
| 206. | <i>Thomisus rajani</i> Bhandari & Gajbe     | Jabalpur                            |
| 207. | <i>Thomisus sundari</i> Gajbe & Gajbe       | Jabalpur                            |
| 208. | <i>Tmarus jabalpurensis</i> Gajbe & Gajbe   | Jabalpur                            |
| 209. | <i>Xysticus bhadatae</i> Gajbe & Gajbe      | Jabalpur                            |
| 210. | <i>Xysticus jabalpurensis</i> Gajbe & Gajbe | Jabalpur                            |
| 211. | <i>Xysticus jayantius</i> Tikader           | Hoshangabad, Chhindwara             |
| 212. | <i>Xysticus minutus</i> Tikader             | Betul, Jabalpur, Chhindwara, Mandla |
| 213. | <i>Xysticus tikaderi</i> Bhandari & Gajbe   | Jabalpur                            |

Family PHILODROMIDAE

- |      |  |                      |
|------|--|----------------------|
| 214. | <i>Dieta elongata</i> Tikader                  | Betul, Chhindwara    |
| 215. | <i>Philodromus ashae</i> Gajbe & Gajbe         | Jabalpur             |
| 216. | <i>Philodromus barmani</i> Tikader             | Chhindwara, Balaghat |
| 217. | <i>Philodromus betrabatai</i> Tikader          | Chhindwara           |
| 218. | <i>Philodromus bhagirathai</i> Tikader         | Chhindwara           |
| 219. | <i>Philodromus durvei</i> Tikader              | Jabalpur, Mandla     |
| 220. | <i>Philodromus jabalpurensis</i> Gajbe & Gajbe | Jabalpur             |
| 221. | <i>Philodromus pali</i> Gajbe & Gajbe          | Jabalpur             |
| 222. | <i>Thanatus jabalpurensis</i> Gajbe & Gajbe    | Jabalpur             |
| 223. | <i>Thanatus ketani</i> Bhandari & Gajbe        | Jabalpur             |
| 224. | <i>Tibellus elongatus</i> Tikader              | Chhindwara, Seoni    |
| 225. | <i>Tibellus jabalpurensis</i> Gajbe & Gajbe    | Jabalpur             |
| 226. | <i>Tibellus poonaensis</i> Tikader             | Betul                |

Family GNAPHOSIDAE

- |      |   |                      |
|------|---|----------------------|
| 227. | <i>Callilepis chakanensis</i> Tikader           | Chhindwara           |
| 228. | <i>Callilepis lambai</i> Tikader & Gajbe        | Jabalpur, Balaghat   |
| 229. | <i>Callilepis rukminiae</i> Tikader & Gajbe     | Jabalpur             |
| 230. | <i>Drassodes himalayensis</i> Tikader & Gajbe   | Betul, Chhindwara    |
| 231. | <i>Drassodes meghalayaensis</i> Tikader & Gajbe | Betul                |
| 232. | <i>Drassodes oppenheimeri</i> Tikader           | Jabalpur, Seoni      |
| 233. | <i>Drassodes pashanensis</i> Tikader & Gajbe    | Betul, Hoshangabad   |
| 234. | <i>Drassodes sagarensis</i> Tikader             | Jabalpur, Chhindwara |
| 235. | <i>Drassyllus khajuriai</i> Tikader & Gajbe     | Mandla               |
| 236. | <i>Drassyllus mahabalei</i> Tikader             | Seoni, Mandla        |

237. *Geodrassus sirmourensis* Tikader & Gajbe Hoshangabad  
 238. *Gnaphosa jodhpurensis* Tikader & Gajbe Khargone, Mandla  
 239. *Gnaphosa pauriensis* Tikader & Gajbe Hoshangabad  
 240. *Gnaphosa poonaensis* Tikader Khargone, Betul, Jabalpur  
 241. *Haplodrassus sataraensis* Tikader & Gajbe Hoshangabad, Mandla, Balaghat  
 242. *Herpyllus goaensis* Tikader Jabalpur, Mandla  
 243. *Liodrassus tikaderi* Gajbe Jabalpur  
 244. *Megamyrmeleon ashae* Tikader & Gajbe Khargone, Betul  
 245. *Poecilochroa barmani* Tikader Chhindwara  
 246. *Scopodes maitraiae* Tikader & Gajbe Betul, Hoshangabad, Jabalpur, Chhindwara, Seoni, Mandla  
 247. *Scotophaeus poonaensis* Tikader Hoshangabad, Jabalpur  
 248. *Sergiolus lamhetaghatensis* Gajbe & Gajbe Jabalpur  
 249. *Sergiolus poonaensis* Tikader & Gajbe Jabalpur, Seoni  
 250. *Sergiolus singhi* Tikader & Gajbe Jabalpur  
 251. *Sosticus dherikanalensis* Gajbe Jabalpur  
 252. *Sosticus jabalpurensis* Bhandari & Gajbe Jabalpur  
 253. *Sosticus poonaensis* Tikader Mandla  
 254. *Zelotes ashae* Tikader & Gajbe Hoshangabad  
 255. *Zelotes jabalpurensis* Tikader & Gajbe Jabalpur  
 256. *Zelotes mandae* Tikader & Gajbe Betul, Jabalpur  
 257. *Zelotes mandlaensis* Tikader & Gajbe Hoshangabad, Chhindwara  
 258. *Zelotes nasikensis* Tikader & Gajbe Mandla  
 259. *Zelotes sataraensis* Tikader & Gajbe Chhindwara, Seoni  
 260. *Zelotes shantae* Tikader Betul

## Family CITHAERONIDAE

261. *Cithaeron indicus* Platnick & Gajbe Hoshangabad  
 262. *Inthaeron rossi* Platnick Betul  
 263. *Oxyopes jabalpurensis* Gajbe & Gajbe Jabalpur  
 264. *Oxyopes ketani* Gajbe & Gajbe Jabalpur  
 265. *Oxyopes pandae* Tikader Betul  
 266. *Oxyopes pankaji* Gajbe & Gajbe Jabalpur  
 267. *Peucetia ashae* Gajbe & Gajbe Jabalpur  
 268. *Peucetia jabalpurensis* Gajbe & Gajbe Jabalpur

## Family LYCOSIDAE

269. *Arctosa himalayensis* Tikader & Malhotra Mandla  
 270. *Arctosa indicus* Tikader & Malhotra Jabalpur, Mandla  
 271. *Hippasa agelenoides* (Simon) Seoni,

272. *Hippasa fabrae* Gajbe & Gajbe Jabalpur, Chhindwara  
 273. *Hippasa greenalliae* (Blackwall) Chhindwara, Mandla  
 274. *Hippasa hansae* Gajbe & Gajbe Jabalpur  
 275. *Hippasa olivacea* (Thorell) Mandla  
 276. *Hippasa partita* (Cambridge) Hoshangabad, Chhindwara, Mandla,  
 277. *Hippasa pisaurina* Pocock Mandla  
 278. *Hippasa wigglesworthi* Gajbe & Gajbe Jabalpur  
 279. *Lycosa bistrata* Gravely Jabalpur  
 280. *Lycosa nigrotibialis* Simon Betul, Hoshangabad, Jabalpur,  
 Chhindwara  
 281. *Lycosa shaktae* Bhandari & Gajbe Jabalpur  
 282. *Lycosa sumatrana* Thorell Sagar  
 283. *Lycosa wroughtoni* Pocock Seoni  
 284. *Pardosa amkhasensis* Tikader & Malhotra Jabalpur  
 285. *Pardosa annandalei* (Gravely) Jabalpur  
 286. *Pardosa birmanica* Simon Jabalpur, Mandla  
 287. *Pardosa jabalpurensis* Gajbe & Gajbe Jabalpur  
 288. *Pardosa sumatrana* (Thorell) Sagar, Jabalpur, Mandla  
 289. *Trochosa* sp. Seoni
- Family PISAURIDAE
290. *Dolomedes* sp. Seoni  
 291. *Pisaura* sp. Seoni
- Family OXYOPIDAE
292. *Oxyopes pankaji* Gajbe & Gajbe Seoni  
 293. *Oxyopes shweta* Tikadar Seoni  
 294. *Peucetia* sp. Seoni
- Family AGELENIDAE
295. *Teginaria* sp. Seoni
- Family TETRAGNATHIDAE
296. *Leucage decorata* (Blackwall) Seoni, Chhindwara, Hoshangabad  
 297. *Leucage celebesigna* (Walckenaer) Chhindwara  
 298. *Orsinome marmorea* Pocock Hoshangabad  
 299. *Tetragnatha geniculata* Karsch Chhindwara  
 300. *Tetragnatha mackenziei* Gravely Hoshangabad
- Family ARANEIDAE
301. *Araneus mitifica* (Simon) Jabalpur, Chhindwara  
 302. *Araneus nympa* Simon Mandla, Balaghat

303.	<i>Argiope aemula</i> (Wackenaer)	Jabalpur, Seoni, Mandla, Hosangabad
304.	<i>Argiope pulchella</i> Thorell	Mandla, Seoni
305.	<i>Argiope trifasciata</i> (Forskall)	Seoni
306.	<i>Chorizopes tikaderi</i> Bhandari & Gajbe	Jabalpur
307.	<i>Cyclosa bifida</i> (Doleschall)	Chhindwara
308.	<i>Cyclosa confraga</i> (Thorell)	Jabalpur
309.	<i>Cyclosa hexatuberculata</i> Tikader	Mandla
310.	<i>Cyclosa insulana</i> (Costa)	Chhindwara
311.	<i>Cyclosa moonduensis</i> Tikader	Jabalpur, Chhindwara
312.	<i>Cyrtophora cicatrosa</i> (Stoliczka)	Jabalpur
313.	<i>Cyrtophora citricola</i> (Forskall)	Chhindwara
314.	<i>Cyrtophora jabalpurensis</i> Gajbe & Gajbe	Jabalpur
315.	<i>Eriovixia excelsa</i> (Simon)	Seoni
316.	<i>Larinia chloris</i> (Audouin)	Jabalpur
317.	<i>Larinia bharaatae</i> Bhandari & Gajbe	Jabalpur
318.	<i>Neoscona bengalensis</i> Tikader & Bal	Jabalpur, Chhindwara, Mandla, Seoni
319.	<i>Neoscona biswasi</i> Bhandari & Gajbe	Jabalpur, Seoni
320.	<i>Neoscona chrysanthusi</i> Tikader & Bal	Part of Basin
321.	<i>Neoscona elliptica</i> Tikader & Bal	Jabalpur
322.	<i>Neoscona laglaizei</i> (Simon)	Chhindwara
323.	<i>Neoscona mukerjei</i> Tikader	Sagar, Jabalpur, Chhindwara, Seoni
324.	<i>Neoscona nautica</i> (Koch)	Jabalpur, Chhindwara, Mandla
325.	<i>Neoscona odites</i> (Simon)	Chhindwara
326.	<i>Neoscona pavidata</i> (Simon)	Chhindwara
327.	<i>Neoscona platnicki</i> Gajbe & Gajbe	Jabalpur, Chhindwara
328.	<i>Neoscona poonaensis</i> Tikader & Bal	Chhindwara
329.	<i>Neoscona rumpfi</i> (Thorell)	Jabalpur, Chhindwara, Mandla
330.	<i>Neoscona sinhagadensis</i> (Tikader)	Sagar Jabalpur, Chhindwara
331.	<i>Neoscona theis</i> (Walckenaer)	Chhindwara
332.	<i>Nephila kuhlii</i> Doleschall	Mandla
333.	<i>Nephila pilipes</i> (Fabricius)	Jabalpur, Chhindwara, Seoni, Mandla
334.	<i>Zygeilla melanocrania</i> Thorell	Chhindwara
335.	<i>Zygeilla indica</i> Tikader & Bal	Part of Basin

Class INSECTA

Subclass PTERYGOTA

Division EXOPTERYGOTA

Order EPHEMEROPTERA (Mayflies)

Family BAETIDAE

Subfamily CLOEONINAE

336.	<i>Centroptilum campestre</i> Gillies	Sagar
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337. *Cloeon bicolor* Kimmins Sagar  
 338. *Cloeon siccum* Gillies Sagar, Damoh
- Family LEPTOPHLEBIIDAE  
 Subfamily ATALOPHLEBIINAE
339. *Choroterpes (Euthraulius) parvula* (Gillies) Sagar, Damoh  
 Order ODONATA (Damsel and Dragonflies)  
 Suborder ZYGOPTERA (Damsel flies)  
 Superfamily COENAGRIONOIDEA  
 Family COENAGRIONIDAE  
 Subfamily PSEUDAGRINAE
340. *Ceriagrion cerinorubellum* (Brauer) Sagar  
 341. *Ceriagrion coromandelianum* (Fabricius) Seoni  
 342. *Ceriagrion olivaceum* Laidlaw Chhindwara  
 343. *Pseudagrion decorum* (Rambur) Jabalpur, Chhindwara, Seoni  
 344. *Pseudagrion hypermelas* Selys Hoshangabad  
 345. *Pseudagrion microcephalum* (Rambur) Hoshangabad, Chhindwara  
 Subfamily ISCHNURINAE
346. *Enallagma parvum* Selys Chhindwara, Seoni  
 347. *Ischnura aurora aurora* (Brauer) Seoni  
 348. *Ischnura senegalensis* (Rambur) Betul  
 349. *Aciagrion occidentale* (Laidlaw) Jabalpur  
 Subfamily AGRIOCNEMINAE
350. *Agriocnemis dabreui* Fraser Chhindwara  
 351. *Agriocnemis gravelyi* Fraser Sagar  
 352. *Agriocnemis pygmaea* (Rambur) Jabalpur, Chhindwara, Seoni  
 353. *Agriocnemis splendidissima* Laidlaw Jabalpur  
 Subfamily COENAGRIONINAE
354. *Coenagrion dyeri* Fraser Jabalpur  
 355. *Cercion malayanum* Selys Sagar
- Family PROTONEURIDAE  
 Subfamily DISPARONEURINAE
356. *Disparoneura quadrimaculata* Rambur Hoshangabad, Seoni  
 357. *Ellatoneura nihari* Mitra Chhindwara  
 Family PLATYCNEMIDIDAE  
 Subfamily PLATYCNEMININAE
358. *Copera marginipes* (Rambur) Hoshangabad, Jabalpur, Seoni

- Superfamily LESTIDOIDEA  
Family LESTIDAE  
Subfamily LESTINAE
359. *Lestes praemorsa praemorsa* Selys Sagar  
360. *Lestes umbrinus* Selys Seoni  
361. *Lestes viridulus* Rambur Chhindwara, Jabalpur
- Superfamily CALOPTERYGOIDEA  
Family CHLOROCYPHIDAE
362. *Rhinocypha (Heliocypha) bisignata* Selys Hoshangabad, Sagar  
Suborder ANISOPTERA (Dragonflies)
- Superfamily AESHNOIDEA  
Family AESHNIDAE  
Subfamily AESHNINAE
363. *Anax guttatus* (Burmeister) Hoshangabad, Seoni  
Subfamily GYNACANTHAGINAE
364. *Gynacantha bayadera* Selys Seoni  
Subfamily ICTINOGOMPHINAE
365. *Ictinogomphus rapax* (Rambur) Khandwa, Jabalpur, Seoni
- Superfamily LIBELLULOIDEA  
Family LIBELLULIDAE  
Subfamily LIBELLULINAE
366. *Orthetrum cancellatum cancellatum*  
(Linnaeus) Chhindwara  
367. *Orthetrum glaucum* (Brauer) Chhindwara, Jabalpur  
368. *Orthetrum pruinatum neglectum* (Rambur) Seoni, Jabalpur  
369. *Orthetrum sabina sabina* (Drury) Jabalpur, Chhindwara, Seoni  
370. *Orthetrum taeniolatum* (Schneider) Seoni  
371. *Potamarcha congener* (Rambur) Jabalpur
- Subfamily BRACHYDIPLACTINAE
372. *Brachydiplax sobrina* (Rambur) Jabalpur
- Subfamily SYMPETRINAE
373. *Brachythemis contaminata* (Fabricius) Jabalpur, Chhindwara, Seoni  
374. *Bradinopyga geminata* (Rambur) Chhindwara, Jabalpur  
375. *Crocothemis servilia servilia* (Drury) Jabalpur, Seoni  
376. *Diplacodes trivialis* (Rambur) Jabalpur, Seoni  
377. *Neurothemis intermedia intermedia*  
(Rambur) Hoshangabad, Chhindwara, Seoni

378. *Neurothemis tullia tullia* (Drury) Khandwa, Betul  
 379. *Trithemis aurora* (Burmeister) Betul, Jabalpur, Chhindwara, Seoni  
 380. *Trithemis festiva* (Rambur) Chhindwara, Seoni, Jabalpur  
 381. *Trithemis kirbyi kirbyi* Selys Seoni  
 382. *Trithemis pallidinervis* (Kirby) Chhindwara, Jabalpur

## Subfamily TRAMEINAE

383. *Pantala flavescens* (Fabricius) Jabalpur, Seoni  
 384. *Rhyothemis variegata variegata* (Linnaeus) Jabalpur  
 385. *Tramea basilaris burmeisteri* Kirby Seoni, Mandla, Jabalpur

## Order PLECOPTERA (Stoneflies)

## Suborder ARCTOPERLARIA

## Superfamily PERLOIDEA

## Family PERLIDAE

386. *Phenoperla limosa* (Hagen) Seoni

## Order ORTHOPTERA (Grasshoppers)

## Suborder ENSIFERA

## Superfamily TETTIGONIOIDEA

## Family TETTIGONIOIDAE

387. *Elimaea (Orthelimaea) securigera* Brunner Chhindwara  
 388. *Euconocephalus incertus* (Walker) Jabalpur  
 389. *Holochlora albida* Brunner Mandla  
 390. *Letana infurcata* Ingrisch Chhindwara  
 391. *Letana pyrifera* Bey-Bienko Chhindwara  
 392. *Mecopoda elongata* Linnaeus Chhindwara, Seoni  
 393. *Phaneroptera gracilis* Burmeister Chhindwara  
 394. *Santhrophyllia rugosa* Linnaeus Mandla  
 395. *Xiphidiopsis citrina* Redtenbacher Jabalpur

## Superfamily GRYLLOTALPIDEA

## Family GRYLLOTALPIDAE

396. *Grylotalpa africana* Beauvois Seoni, Khargone

## Superfamily GRYLLOIDEA

## Family ENEOPTERIDAE

397. *Xenogryllus* sp. Seoni

## Family GRYLLIDAE

## Subfamily GRYLLINAE

398. *Grylloides sigillatus* (Walker) Chhindwara, Mandla  
 399. *Grylloides supplicans* (Walker) Mandla

400. *Gryllus bimaculatus* De Geer Hoshangabad, Jabalpur, Seoni, Mandla  
 401. *Acheta domesticus* (Linnaeus) Jabalpur  
 402. *Gryllus quadristrigatus* Saussure Jabalpur  
 403. *Gryllus testaceus* Walker Jabalpur  
 404. *Gymnogryllus minor* (Chopard) Seoni, Mandla  
 405. *Modicogryllus confirmatus* (Walker) Hoshangabad, Chhindwara, Seoni  
 Mandla  
 406. *Paranemobius pictus* (Saussure) Seoni  
 407. *Platygryllus brunneri* (Saussure) Balaghat  
 408. *Plebeigryllus guttiventris* (Walker) Chhindwara, Hoshangabad, Balaghat  
 409. *Pteronemobius fascipes* (Walker) Hoshangabad, Mandla  
 410. *Teleogryllus mitratus* (Burmeister) Mandla  
 411. *Teleogryllus testaceus* (Walker) Jabalpur, Chhindwara, Seoni
- Subfamily NEMOBIINAE
412. *Paranemobius pictus* (Saussure) Seoni  
 413. *Pteronemobius fascipes* (Walker) Chhindwara, Mandla, Seoni
- Family OECANTHIDAE
414. *Oecanthus indicus* Saussure Chhindwara, Mandla, Seoni
- Family TRIGONIDIDAE
415. *Trigonidium cicindeloides* Rambur Chhindwara
- Suborder CAELIFERA  
 Superfamily ACRIDOIDEA  
 Family ACRIDIDAE  
 Subfamily ACRIDINAE
416. *Acrida exaltata* (Walker) Hoshangabad, Damoh, Jabalpur, Seoni,  
 Mandla, Shahdol  
 417. *Acrida gigantia* Hbst. Mandla  
 418. *Ceracris* sp. Seoni  
 419. *Clonacris kirbyi* Finot Seoni  
 420. *Hieroglyphus banian* Fabricius Chhindwara, Seoni  
 421. *Hieroglyphus concolor* Walker Jabalpur  
 422. *Phlaeoba infumata* Brunner von Wattenwyl Mandla
- Subfamily OEDIPODINAE
423. *Acrotylus humbertianus* Saussure Seoni, Shahdol  
 424. *Aiolopus thalassinus tamulus* (Fabricius) Chhindwara, Mandla, Seoni  
 425. *Aulacobothrus strictus* Bolivar Mandla  
 426. *Chondronotulus bengalensis* (Saussure) Jabalpur  
 427. *Ditopternis venusta* (Walker) Chhindwara, Seoni, Mandla, Shahdol

428. *Gastrimargus africanus africanus* (Saussure) Hoshangabad, Chhindwara, Seoni, Mandla  
 429. *Gastrimargus marmoratus* (Thunberg) Mandla, Shahdol  
 430. *Mesopsis cylindricus* (Kirby) Mandla  
 431. *Morphacris fasciata sulcata* (Thunberg) Jabalpur, Chhindwara, Seoni  
 432. *Oedaleus abruptus* (Thunberg) Chhindwara, Seoni, Mandla, Shahdol  
 433. *Parahieroglyphus bilineatus* (Bolivar) Chhindwara  
 434. *Pternoscirta bimaculatus* (Thunberg) Shahdol  
 435. *Pternoscirta cinctifemur* (Walker) Hoshangabad, Seoni  
 436. *Trilophidia annulata* (Thunberg) Chhindwara, Jabalpur, Seoni, Mandla

## Subfamily GOMPHOCERINAE

437. *Dnopherula (Aulacobothrus) luteipes* (Walker) Chhindwara, Mandla  
 438. *Leva cruciata* Bolivar Chhindwara, Seoni  
 439. *Leva indica* Bolivar Chhindwara  
 440. *Mesopsis cylindricus* (Kirby) Mandla

## Subfamily TRUXALINAE

441. *Truxalis indica* (Bolivar) Seoni

## Subfamily ROMALEINAE

442. *Teratodes monticollis* (Gray) Jabalpur, Seoni

## Subfamily HEMIACRIDINAE

443. *Parahieroglyphus bilineatus* (Bolivar) Chhindwara  
 444. *Spathosternum prasiniferum prasiniferum* (Walker) Chhindwara, Seoni, Mandla, Shahdol

## Subfamily OXYINAE

445. *Oxya hyla hyla* Serville Seoni

## Subfamily CYRTACANTHACRIDINAE

446. *Cyrtacanthacris tatarica* (Linnaeus) Chhindwara, Seoni  
 447. *Pachyacris vinosa* (Walker) Hoshangabad

## Subfamily EYPREPOCNEMIDINAE

448. *Eyprepocnemis rosea* Uvarov Chhindwara, Mandla

## Subfamily CATANTOPINAE

449. *Catantops pinguis innotabilisi* (Walker) Jabalpur, Chhindwara, Seoni  
 450. *Catantops pulchellus* (Walker) Seoni  
 451. *Stenocatantops splendens* (Thunberg) Chhindwara, Mandla, Seoni  
 452. *Xenocatantops humilis humilis* (Serville) Jabalpur, Katni, Damoh

## Family PYRGOMORPHIDAE

453. *Atractomorpha crenulata crenulata*  
(Fabricius) Jabalpur, Mandla, Seoni
454. *Chrotogonus (Chrotogonus) trachypterus*  
*trachypterus* (Blanch.) Seoni, Mandla, Shahdol
455. *Chrotogonus oxypterus* (Blanch.) Jabalpur
456. *Poeciloceris pictus* (Fabricius) Damoh, Sagar
457. *Pyrgomorpha bispinosa bispinosa* (Walker) Chhindwara, Seoni

## Superfamily TETRIGOIDEA

## Family TETRIGIDAE

## Subfamily SCELIMENINAE

458. *Euscelimena harpago* (Serville) Hoshangabad

## Subfamily TETRIGINAE

459. *Coptotettix annandalei* Hancock Mandla
460. *Euparatettix variabilis* (Bolivar) Mandla, Seoni
461. *Ergatettix dorsiferus* (Walker) Chhindwara, Mandla
462. *Hedotettix punctatus* Hancock Hoshangabad
463. *Hedotettix gracilis* (De Hann) Chhindwara, Seoni
464. *Pseudoparatettix histricus* (Stål) Mandla, Seoni

## Superfamily TRIDACTYLOIDEA

## Family TRIDACTYLIDAE

465. *Tridactylus thoracicus* Guerin Seoni
466. *Tridactylus fasciatus* Guerin Mandla

## Order PHASMIDA (Leaf and Stick insects)

## Family LONCHODIDAE

467. *Lonchodes* sp. Seoni

## Order DERMAPTERA (Earwigs)

## Superfamily PYGIDICRANOIDEA

## Family PYGIDICRANIDAE

468. *Diplatys adjacens* Hincks Jabalpur
469. *Diplatys fletcheri* Burr Hoshangabad
470. *Diplatys nathani* Hincks Jabalpur
471. *Echinosoma parvulum* Dohrn Jabalpur

## Superfamily LABIOIDEA

## Family ANISOLABIDIDAE

472. *Euborella femoralis* (Dohrn) Chhindwara, Seoni

- Family LABIDURIDAE  
Subfamily LABIDURINAE
473. *Forcipula quadrispinosa* (Dohrn) Jabalpur, Seoni  
474. *Labidura bengalensis* (Dohrn) Jabalpur  
475. *Labidura riparia* (Pallas) Seoni  
476. *Nala lividipes* (Dufour) Hoshangabad, Jabalpur, Seoni
- Family CHELISOCHIDAE
477. *Adiathetus nigrocastaneous* Burr Jabalpur
- Family FORFICULIDAE
478. *Forficula greeni* Burr Seoni  
479. *Hypurgus humeralis* (Kirby) Seoni
- Order EMBIOPTERA (Web Spinners)  
Family OLIGOTOMIDAE
480. *Oligotoma humbertiana* (Saussure) Part of basin  
481. *Oligotoma saundersii* (Westwood) Part of basin
- Order BLATTARIA (Cockroaches)  
Family DEROCALYMMIDAE
482. *Pseudoglomeris glomeris* (Saussure) Chhindwara
- Family BLATTIDAE
483. *Periplanata affinis* Saussure Hoshangabad, Seoni  
484. *Periplanata americana* (Linn.) Entire basin
- Family POLYPHAGIDAE
485. *Theria nuptialis* (Gerst) Seoni
- Family BLATTELLIDAE
486. *Balta acutivertris* Chopard Seoni  
487. *Balta chopardi* Princis Seoni  
488. *Blatta orientalis* (Linn.) Entire basin  
489. *Blattella germanica* Linnaeus Seoni,  
490. *Episymphloe brevipes* (Walker) Seoni  
491. *Lupparia unguiculata* (Bolivar) Seoni  
492. *Pholeosilpha dispar* (Chopard) Seoni  
493. *Pholeosilpha obliquetruncata* (Chopard) Seoni  
494. *Symphloe biligata* (Walker) Seoni
- Order MANTODEA (Praying mantids)  
Family HYMENOPODIDAE  
Subfamily ACROMANTINAE  
Tribe ACROMANTINI
495. *Ephestiasula intermedia* Werner Chhindwara, Hoshangabad  
496. *Ephestiasula amoena* (Boliver) Chhindwara, Hoshangabad  
497. *Ephestiasula pictipes* (Wood-Mason) Hoshangabad, Jabalpur

- Subfamily HYMENOPODINAE
498. *Creobroter laevicollis* (Saussure) Seoni
- Subfamily IRIDOPTERYGINAE  
Tribe TROPIDOMANTINI
499. *Eomantis guttatipennis* (Stål) Seoni
- Subfamily TARACHODINAE
500. *Dysaules himalyanus* Wood-Mason Seoni
- Subfamily LITURGUSINAE
501. *Humbertiella ceylonica* Saussure Seoni
502. *Humbertiella indica* Saussure Hoshangabad
503. *Humbertiella similis* Giglio-Tos Hoshangabad
504. *Humbertiella affinis* Giglio-Tos Chhindwara
- Subfamily AMELINAE  
Tribe AMELINI
505. *Gonypetyllis semuncialis* Wood-Mason Seoni
- Subfamily MANTINAE  
Tribe MIOMANTINI
506. *Deiphobe infuscata* (Saussure) Seoni
507. *Deiphobe indica* Giglio-Tos Chhindwara
508. *Deiphobe brevipennis* Sjöstedt Chhindwara
- Subfamily SCHIZOCEPHALINAE
509. *Schizocephala bicornis* (Linnaeus) Seoni
- Tribe MANTINI
510. *Heirodula saussurei* Kirby Chhindwara
511. *Statilia maculata maculata* (Thunberg) Chhindwara
512. *Mantis inornata* Werner Chhindwara
513. *Mantis religiosa* Linn. Chhindwara
- Subfamily PHYLLOTHELINAE
514. *Phyllothelys weneri* Karny Chhindwara
515. *Aethalochroa insignis* Wood-Mason Chhindwara
- Family EMPUSIDAE  
Subfamily EMPUSINAE
516. *Empusa fasciata* Brulli Chhindwara
517. *Gongylus gongylodes* (Linn.) Khargone
- Order ISOPTERA (Termites)  
Family RHINOTERMITIDAE  
Subfamily COPTOTERMITINAE
518. *Coptotermes heimi* (Wasmann) Mandla, Balaghat
519. *Coptotermes kishori* Roonwal & Chhotani Jabalpur

520. *Coptotermes travians* (Havil.) Balaghat  
 521. *Heterotermes indicola* (Wasm.) Jabalpur
- Family TERMITIDAE  
 Subfamily AMITERMITINAE
522. *Euhamitermes kanhaensis* Roonwal & Chhotani Mandla  
 523. *Eurytermes boveni* Roonwal & Chhotani Mandla  
 524. *Microcerotermes beelsoni* Snyder Mandla  
 525. *Microcerotermes cameroni* (Snyder) Seoni  
 526. *Speculitermes cyclops* (Wasmann) Jabalpur  
 527. *Speculitermes goesswaldi* Roonwal & Chhotani Jabalpur  
 528. *Speculitermes sinhalensis* Roonwal & Sen-Sarma Mandla  
 529. *Synhamitermes quadriceps* (Wasmann) Mandla
- Subfamily TERMITINAE
530. *Dicuspiditermes obtusus* (Silvestri) Mandla  
 531. *Pericapritermes tetraphilus* (Silvestri) Mandla
- Subfamily MACROTERMITINAE
532. *Microtermes obesi* Holmgren Seoni, Mandla  
 533. *Microtermes unicolor* Snyder Mandla  
 534. *Odontotermes assmuthi* Holmgren Jabalpur, Mandla  
 535. *Odontotermes brunneus kushwahi* (Roonwal. & Bose) Mandla  
 536. *Odontotermes bangalorensis* (Holmg.) Seoni  
 537. *Odontotermes bhagwatii* Chatterjee & Thakur Seoni, Mandla  
 538. *Odontotermes feae* (Wasmann) Jabalpur  
 539. *Odontotermes giriensis* (Roonwal & Chhotani) Jabalpur  
 540. *Odontotermes guptai* Roonwal & Bose Jabalpur, Mandla  
 541. *Odontotermes gurdaspurensis* Holmgren & Holmgren Jabalpur  
 542. *Odontotermes horni* (Wasmann) Seoni, Mandla  
 543. *Odontotermes lokanandii* (C. & T.) Balaghat  
 544. *Odontotermes microdentatus* Roonwal & Sen-Sarma Mandla  
 545. *Odontotermes obesus* (Rambur) Jabalpur, Chhindwara, Seoni, Mandla

546. *Odontotermes redemanni* (Wasmann) Jabalpur  
 547. *Odontotermes roonwali* (Bose) Jabalpur  
 548. *Odontotermes wallonensis* (Wasmann) Jabalpur, Seoni

## Family KALOTERMITIDAE

549. *Euritermes boveni* (Roonwal & Chhotani) Balaghat  
 550. *Neotermes dhirendrosi* (Bose) Seoni  
 551. *Neotermes eleanorae* (Bose) Seoni  
 552. *Neotermes krishnai* (Bose) Seoni  
 553. *Neotermes venkateswara* (Bose) Seoni

## Order PHTHIRAPTERA (Biting lice)

## Family MENOPONIDAE

554. *Chapinia acutovulvata* (Piaget) Balaghat  
 555. *Dennyus hirudinis* (Linn.) Indore  
 556. *Trinoton querquedulae* (Linn.) Part of basin

## Family PHILOPTERIDAE

557. *Columbicola columbae* (Linnaeus) Indore

## Order HEMIPTERA (True bugs)

## Suborder HOMOPTERA

## Superfamily APHIDOIDEA

## Family APHIDIDAE

558. *Aphis craccivora* Koch Jabalpur  
 559. *Aphis gossypii* Glover Part of basin  
 560. *Lipaphis erysimi* (Kaltenbach) Jabalpur  
 561. *Myzus persicae* (Sulz.) Jabalpur  
 562. *Uroleucon compositae* (Theobald) Jabalpur

## Superfamily CERCOPOIDEA

## Family CERCOPIDAE

563. *Aphrophora* sp. Jabalpur  
 564. *Callitettix versicolor* (Fabricius) Jabalpur, Seoni  
 565. *Platypleura basialba* (Walker) Indore  
 566. *Platypleura octoguttata* (Fabr.) Indore  
 567. *Platypleura sphinx* (Walker) Indore  
 568. *Plyclus nebulosa* (Fabricius) Jabalpur

## Superfamily COCCOIDEA

## Family DIASPIDIDAE

569. *Aonidiella orientalis* (Newstead) Part of basin

## Family KERRIDAE

570. *Kerria lacca* (Kerr) Part of basin  
 571. *Kerria nagoliensis* (Mahdihassan) Part of basin

## Family PSEUDOCOCCIDAE

572. *Ferrisia virgata* (Cockerell) Part of basin  
 573. *Phenococcus solenopsis* Tinsley Jabalpur

## Superfamily FULGOROIDEA

## Family FULGORIDAE

574. *Commonlenda deusta* (Distant) Part of basin  
 575. *Dichoptera hyalinata* (Fabricius) Hoshangabad, Seoni  
 576. *Dictyophara lineata* (Don.) Hoshangabad, Jabalpur

## Superfamily CICADELLOIDEA

## Family CICADELLIDAE

577. *Aconura colombensis* (Melich.) Hoshangabad, Jabalpur, Mandla  
 578. *Aconura dindorensis* (Pruthi) Dindori  
 579. *Aconura tolla* (Pruthi) Mandla  
 580. *Agallia senuata* (M. & H.) Hoshangabad  
 581. *Arya rotundus* (Pruthi) Mandla  
 582. *Athysanus indicus* (Dist.) Mandla  
 583. *Athysanus manus* (Dist.) Mandla  
 584. *Bythoscopus indica* (Lith.) Mandla  
 585. *Chiasmus alata* (Pruthi) Dindori  
 586. *Chiasmus {Korteva} musteliria* (Dist.) Mandla  
 587. *Cicadella spectra* (Distant) Jabalpur  
 588. *Cicadula indica* (Pruthi) Dindori, Mandla, Jabalpur  
 589. *Dio facialis* (Dist.) Hoshangabad  
 590. *Eugnathodus indica* (Pruthi) Shahdol, Jabalpur, Hoshangabad  
 591. *Eugnathodus ocellatus* (Pruthi) Hoshangabad  
 592. *Eugnathodus {Nesosteles} sanguinescens*  
 (Kirk) Hoshangabad, Mandla  
 593. *Ideocerus athkinsoni* (Lith.) Mandla  
 594. *Ideocerus clypealis* (Lith.) Mandla  
 595. *Lerda mutica* (Fabr.) Hoshangabad  
 596. *Nehela bimaculicollis* (Stal.) Hoshangabad  
 597. *Nephotethix bipunctatus* (Fabr.) Dindori, Mandla, Hoshangabad  
 598. *Parabolacratus albomaculatus* (Dist.) Dindori, Mandla, Hoshangabad  
 599. *Parabolacratus arcuata* (Motsch.) Mandla

600. *Parabolacratrus mandlensis* (Pruthi) Mandla  
 601. *Parabolacratrus porrectus* (Walk.) Dindori, Mandla  
 602. *Parvana indra* (Dist.) Hoshangabad  
 603. *Phrynomorphus indicus* (Dist.) Dindori  
 604. *Thamnotettix veinatus* (Pruthi) Shahdol  
 605. *Ulopa brunneus* (Pruthi) Narsinghpur
- Superfamily MEMBRACOIDEA  
 Family MEMBRACIDAE  
 Subfamily OXYRHACINAE
606. *Oxyrhachis rufescens* Walker Part of basin  
 607. *Oxyrhachis taranda* (Fabricius) Part of basin
- Subfamily CENTROTINAE
608. *Centrotypus ortus* Distant Balaghat  
 609. *Gargara extrema* Distant Part of basin  
 610. *Gargara mixta* (Buckton) Part of basin  
 611. *Leptocentrus substitutus* (Walker) Part of basin  
 612. *Otinotus oneratus* (Walker) Part of basin  
 613. *Telingana canescens* (Buckton) Hoshangabad
- Superfamily PSYLLOIDEA  
 Family PSYLLIDAE
614. *Heteropsylla cubana* Crawford Jabalpur, Katni, Khandwa  
 615. *Pauropsylla depressa* Crawford Entire basin  
 616. *Trioza obsoleta* Buckton Part of basin
- Suborder HETEROPTERA  
 Family ARADIDAE
617. *Neuroctenus* sp. Hoshangabad
- Superfamily COREOIDEA  
 Family COREIDAE
618. *Anoplocnemis phasiana* (Fabricius) Hoshangabad  
 619. *Clavigralla gibbosa* Spin. Jabalpur, Katni  
 620. *Cletus bipunctatus* (Westwood) Katni  
 621. *Hoplolomia scabricula* Stål Jabalpur  
 622. *Leptocorisa acuta* Thunberg Jabalpur  
 623. *Leptocorisa varicornis* Fabricius Jabalpur  
 624. *Riptortus fuscus* (Fabricius) Jabalpur  
 625. *Riptortus linearis* (Fabricius) Hoshangabad, Jabalpur

## Superfamily LYGAEOIDEA

## Family LYGAEIDAE

- |      |   |                       |
|------|---|-----------------------|
| 626. | <i>Aphanus sordidus</i> Fabricius       | Jabalpur              |
| 627. | <i>Dieuches uniguttatus</i> (Thunberg)  | Hoshangabad, Jabalpur |
| 628. | <i>Elasmolomus sordidus</i> Fabr.       | Jabalpur              |
| 629. | <i>Eucosmetus insignis</i> (Dist.)      | Jabalpur              |
| 630. | <i>Geocoris tricolor</i> (Fabricius)    | Jabalpur, Sehore      |
| 631. | <i>Graptostethus servus</i> (Fabricius) | Dhar, Jabalpur        |
| 632. | <i>Lygaeus hospes</i> Fabricius         | Jabalpur              |
| 633. | <i>Lygaeus militaris</i> (Fabricius)    | Jhabua, Jabalpur      |
| 634. | <i>Lygaeus pandurus</i> (Scop.)         | Damoh, Jabalpur       |

## Superfamily PENTATOMOIDEA

## Family PENTATOMIDAE

- |      |  |  |
|------|--|--|
| 635. | <i>Agonoscelis nubila</i> (Fabricius)    | Balaghat                                       |
| 636. | <i>Andrallus spinidens</i> (Fab.)        | Part of basin                                  |
| 637. | <i>Antestia cruciata</i> (Fabricius)     | Hoshangabad                                    |
| 638. | <i>Asopus malabaricus</i> (Fabricius)    | Part of basin                                  |
| 639. | <i>Aspongopus brunneus</i> Thunb.        | Jabalpur                                       |
| 640. | <i>Aspongopus janus</i> (Fabricius)      | Hoshangabad, Jabalpur                          |
| 641. | <i>Aspongopus obscurus</i> Fabricius     | Jabalpur                                       |
| 642. | <i>Bagrada cruciferarum</i> (Kirk.)      | Jabalpur                                       |
| 643. | <i>Bagrada picta</i> (Fabricius)         | Jabalpur, Seoni                                |
| 644. | <i>Coptosoma abbreviatum</i> (Montand)   | Part of basin                                  |
| 645. | <i>Coptosoma bioscutatum</i> (Montand)   | Part of basin                                  |
| 646. | <i>Coptosoma cardoni</i> (Montand)       | Part of basin                                  |
| 647. | <i>Coptosoma libidinosum</i> (Montand)   | Part of basin                                  |
| 648. | <i>Coptosoma noualbieri</i> (Montand)    | Part of basin                                  |
| 649. | <i>Coptosoma siamicum</i> (Walker)       | Part of basin                                  |
| 650. | <i>Coptosoma spansum</i> (Montand)       | Part of basin                                  |
| 651. | <i>Coptosoma sphaenula</i> (Montand)     | Part of basin                                  |
| 652. | <i>Cydnus indicus</i> (Westw.)           | Jabalpur                                       |
| 653. | <i>Dolycoris indicus</i> (Stal)          | Jabalpur                                       |
| 654. | <i>Eliomorpha lineaticollis</i> Westwood | Balaghat                                       |
| 655. | <i>Eusarcocris guttiger</i> (Thunberg)   | Balaghat                                       |
| 656. | <i>Halys dentatus</i> (Fabricius)        | Hoshangabad, Jabalpur, Katni, Mandla,<br>Seoni |
| 657. | <i>Leprius varicornis</i> Dall           | Katni  |
| 658. | <i>Menida</i> sp.                        | Hoshangabad                                    |

659. *Nezara viridula* Linnaeus Jabalpur  
 660. *Ochrophara montana* (Distant) Part of basin  
 661. *Placosternum dama* (Fabricius) Jabalpur
- Family SCUTELLERIDAE
662. *Chrysocoris purpureus* Westw. Narsinghpur  
 663. *Chrysocoris stallii* Wolff Chhindwara  
 664. *Scutellera nobilis* (Fabricius) Jabalpur
- Superfamily PYRRHOCOROIDEA  
 Family PYRRHOCORIDAE
665. *Antilochus coqueberti* (Fabricius) Damoh, Jabalpur  
 666. *Deltocephalus infermus* (Melich.) Shahdol  
 667. *Dysdercus cingulatus* (Fabricius) Jabalpur, Seoni  
 668. *Scantius pallens* Dist. Katni
- Superfamily REDUVIOIDEA  
 Family REDUVIIDAE
669. *Coranus* sp. Jabalpur  
 670. *Ectomocoris quadriguttatus* (Fabricius) Seoni  
 671. *Ectrychotes dispar* Reuter Jabalpur, Seoni  
 672. *Gerbilius ornatus* Distant Part of basin  
 673. *Lophocephala guerini* (Lap.) Jabalpur  
 674. *Oncocephalus annulipes* Stål Jabalpur  
 675. *Pirates atromaculatus* (Stål) Narsinghpur  
 676. *Polididus armatissimus* Stål Jabalpur, Seoni  
 677. *Prostemma carduelis* Dohrn Jabalpur  
 678. *Psophis erythraea* (Stal) Mandla  
 679. *Tribelocephala indica* (Walker) Jabalpur  
 680. *Tribelocephala orientalis* Distant Hoshangabad, Seoni
- Family CAPSIDAE
681. *Cyrtorrhinus lividipennis* Reut. Jabalpur  
 682. *Eucosmetus insignis* Distant Jabalpur
- Family MARGARODIDAE
683. *Icerya formicarum* Newstead Part of basin  
 684. *Icerya seychellarum* (Westwood) Part of basin
- Superfamily TINGOIDEA  
 Family TINGIDAE
685. *Monanthia globulifera* (Walker) Jabalpur  
 686. *Paracopium cingalense* (Walker) Jhabua



## Family HEBRIDAE

## Subfamily HEBRINAE

703. *Hebrus (Hebrus) orientalis* Distant Hoshangabad

## Infraorder NEPOMORPHA

## Superfamily NEPOIDEA

## Family BELOSTOMATIDAE

## Subfamily BELOSTOMATINAE

704. *Diplonychus rusticus* (Fabricius) Jabalpur, Narsinghpur, Hoshangabad, Seoni

## Subfamily LETHOCERINAE

705. *Lethocerus indicus* (Lepeletier & Serville) Jabalpur

## Family NEPIDAE

## Subfamily NEPINAE

706. *Laccotrephes griseus* (Güerin-Méneville) Jabalpur, Hoshangabad, Seoni

707. *Laccotrephes ruber* (Linnaeus) Jabalpur

## Subfamily RANATRINAE

708. *Cercotmetus brevipes* Montandon Jabalpur

709. *Cercotmetus fumosus* Distant Jabalpur

710. *Ranatra digitata* Hafiz & Pradhan Jabalpur, Narsinghpur

711. *Ranatra elongata* Fabricius Jabalpur

712. *Ranatra filiformis* Fabricius Jabalpur, Hoshangabad, Mandla

713. *Ranatra titilaensis* Hafiz & Pradhan Jabalpur

714. *Ranatra varipes atropa* Montandon Jabalpur

## Superfamily OCHTEROIDEA

## Family OCHTERIDAE

715. *Ochterus marginatus marginatus* (Latreille) Jabalpur, Hoshangabad

## Superfamily CORIXOIDEA

## Family CORIXIDAE

## Subfamily CORIXINAE

716. *Sigara (Tropocorixa) distorta* (Distant) Hoshangabad

717. *Sigara (Tropocorixa) graveleyi*  
(Hutchinson) Jabalpur

## Subfamily MICRONECTINAE

718. *Micronecta (Basilonecta) scutellaris*  
*scutellaris* (Stål) Jabalpur, Khargone, Mandla

719. *Micronecta (Dichaetonecta) albifrons*  
(Motschoulsky) Jabalpur

720. *Micronecta (Dichaetonecta) prashadana*  
Hutchinson Hoshangabad, Jabalpur
721. *Micronecta (Indonectella) grisea* (Fieber) Jabalpur
722. *Micronecta (Pardanecta) punctata* Horvath Jabalpur
723. *Micronecta (Sigmonecta) quadristrigata*  
Breddin Jabalpur
- Superfamily NAUCOROIDEA  
Family APHELOCHEIRIDAE
724. *Aphelocheirus (Aphelocheirus)*  
*narmadaensis* Thirumalai Narsinghpur
- Family NAUCORIDAE  
Subfamily LACCOCORINAE
725. *Heleocoris (Heleocoris) bengalensis*  
*bengalensis* Montandon Hoshangabad
726. *Heleocoris (Heleocoris) elongatus*  
Montandon Hoshangabad
- Superfamily NOTONECTOIDEA  
Family NOTONECTIDAE  
Subfamily ANISOPINAE
727. *Anisops barbatus* Brooks Jabalpur
728. *Anisops bouvieri* Kirkaldy Jabalpur, Dewas
729. *Anisops breddini* Kirkaldy Jabalpur, Mandla
730. *Anisops cavifrons* Brooks Jabalpur, Dewas, Khargone, Mandla
731. *Anisops exiguus* Horvath Jabalpur
732. *Anisops naustus* Fieber Jabalpur
733. *Anisops nigrolineatus* Lundblad Jabalpur, Khargone, Mandla
734. *Anisops paranigrolineatus* Brooks Shahdol
735. *Anisops niveus* (Fabricius) Jabalpur
736. *Anisops sardeus sardeus* Herrich-Shaffer Jabalpur
- Subfamily NOTONECTINAE
737. *Enithares ciliata* (Fabricius) Jabalpur
738. *Enithares fusca* Brooks Jabalpur
- Superfamily PLEOIDEA  
Family PLEIDAE
739. *Paraplea frontalis* (Fieber) Jabalpur
740. *Paraplea liturata* (Fieber) Jabalpur

Order THYSANOPTERA (Thrips)  
Family AELOTHRIPIDAE

741.	<i>Aeleothrips arorai</i> Bhatti	Jabalpur
742.	<i>Allelothrips pandayani</i> (Ram & Marg.)	Jabalpur
743.	<i>Allothrips faurai</i> Bhatti	Jabalpur
744.	<i>Chloethrips bambusae</i> (Shum.)	Jabalpur
745.	<i>Erythrothrips bicolor</i> Bhatti	Jabalpur
746.	<i>Indothrips bhusani</i> Bhatti	Jabalpur
747.	<i>Melanthrips indicus</i> Bhatti	Jabalpur
748.	<i>Neothrips prakashi</i> Bhatti	Jabalpur
749.	<i>Trichromothrips alis</i> Bhatti	Jabalpur

Family THIRIPIDAE

750.	<i>Anascirtothrips arorai</i> Bhatti	Jabalpur
751.	<i>Anaphothrips (Neophysopus) flavicinctus</i> (Ka.)	Jabalpur
752.	<i>Ayyaria chaetophora</i> Karny	Jabalpur
753.	<i>Bathrips melanicornis</i> (Shumsher)	Jabalpur
754.	<i>Bolacidothrips longus</i> Bhatti	Jabalpur
755.	<i>Caliothrips graminicola</i> (Bagnall & Cameron)	Jabalpur
756.	<i>Caliothrips indicus</i> (Bagnall)	Jabalpur
757.	<i>Caprithrips analis</i> Taure	Jabalpur
758.	<i>Dantabahuthrips sacchari</i> Shumsher	Jabalpur
759.	<i>Dendrothrips minutus</i> (Ananthkrishnan)	Jabalpur
760.	<i>Dendrothripoides innoxius</i> (Karny)	Jabalpur
761.	<i>Dendrothripoides ipomeae</i> Bagnall	Jabalpur
762.	<i>Diathrothrips coffeae</i> Williams	Jabalpur
763.	<i>Dorcadothrips indicus</i> Bhatti	Jabalpur
764.	<i>Exothrips hemavarna</i> (Ram. & Marg.)	Jabalpur
765.	<i>Frankliniella sulphurea</i> Schmutz	Jabalpur
766.	<i>Liothrips epacrus</i> Ananth & Muraleedharan	Hoshangabad
767.	<i>Microcephalothrips abdominalis</i> (D. L. Cranford)	Jabalpur
768.	<i>Pexothrips analis</i> Bhatti	Jabalpur
769.	<i>Rhipiphorotherips cruentatus</i> Hood.	Jabalpur
770.	<i>Scolothrips indicus</i> Pr.	Jabalpur
771.	<i>Thrips atactus</i> Bhatti	Jabalpur
772.	<i>Thrips coloratus apicatus</i> Priesner	Jabalpur

773. *Thrips (Lobothrips) lobus* Bhatti Jabalpur  
 774. *Zaniothrips ricini* Bhatti Jabalpur
- Family PHLAEOTHIRIPIDAE
775. *Haplothrips gowdeyi* (Franklin) Jabalpur  
 776. *Margorithrips flavus* Bhatti Jabalpur
- Division ENDOPTERYGOTA  
 Order NEUROPTERA (Lacewings, Ant Lions)  
 Sub-order PLANIPENNIA  
 Family MYRMELEONTIDAE  
 Subfamily PALPARINAE
777. *Palpares pardus* Rambur Hoshangabad, Chhindwara, Khargone,  
 Khandwa, Dewas  
 778. *Palpares contrarius* (Walker) Hoshangabad  
 779. *Tomatares pardalis* Fabricius Khargon, Chhindwara, Hoshangabad,  
 Khandwa
- Subfamily MYRMELEONTINAE
780. *Myrmeleon angusticollis* Rambur Chhindwara, Seoni  
 781. *Myrmeleon tenuipennis* Rambur Seoni, Hoshangabad  
 782. *Nesoleon perpunctatus* Banks Chhindwara, Hoshangabad  
 783. *Distoleon verendus* (Walker) Chhindwara, Seoni, Khandwa,  
 Khargone  
 784. *Acanthaclisis edax* (Walker) Chhindwara  
 785. *Stiphronera inclusa* (Walker) Balaghat  
 786. *Neuroleon apicalis* Navas Jabalpur  
 787. *Indoclystus singularis* (Westwood) Hoshangabad  
 788. *Indophanes barbarus* (Walker) Chhindwara
- Family ASCALAPHIDAE  
 Subfamily ASCALAPHINAE
789. *Glyptobasis dentifera* (Westwood) Chhindwara, Seoni, Khandwa,  
 Khargone, Dewas  
 790. *Ogcogaster tessellata* (Westwood) Seoni, Chhindwara, Khandwa,  
 Khargone
- Subfamily SCHIZOPHTHALMINAE
791. *Pseudoptynx furcifer* Weele Hoshangabad
- Family MANTISPIDAE  
 Subfamily MANTISPINAE
792. *Mantispa femoralis* Banks Seoni  
 793. *Mantispa nodosa* Westwood Seoni

- Family OSMYLIDAE  
Subfamily SPILOSMYLINAE
794. *Spilosmylus tuberculatus* (Walker) Balaghat
- Family CHRYSOPIDAE  
Sub-family CHRYSOPINAE
795. *Chrysopidia nigrata* Navas Seoni
- Family NEMOPTERIDAE
796. *Croce filipennis* Westwood. Jabalpur
- Order COLEOPTERA (Beetles)  
Family SCARABAEIDAE  
Subfamily HYBOSORINAE
797. *Hybosorus orientalis* (Westwood) Hoshangabad, Jabalpur, Mandla, Seoni
798. *Phaeochrous* sp. Hoshangabad, Jabalpur, Mandla, Seoni
- Subfamily BOLBOCERINAE
799. *Bolboceros quadridens* (Fabricius) Hoshangabad, Seoni, Jabalpur
- Subfamily ORPHNINAE
800. *Orphnus parvus* Wied. Jabalpur
- Subfamily CHIRONINAE
801. *Chiron cylindrus* (Fabricius) Jabalpur
- Subfamily APHODIINAE
802. *Aphodius moestus* Fabricius Jabalpur, Mandla, Hoshangabad
803. *Termitopisthes laticollis* Wasmann Hoshangabad
804. *Rhyssenus germanus* (Linnaeus) Jabalpur
- Subfamily TROGINAE
805. *Trox* sp. Jabalpur, Seoni, Hoshangabad, Mandla
- Subfamily SCARABAEINAE
806. *Caccobius unicornis* Fabricius Jabalpur, Mandla, Hoshangabad
807. *Catharsius molossus* (Linnaeus) Jabalpur, Narsinghpur, Mandla, Hoshangabad, Chhindwara,
808. *Catharsius pithecius* (Fabricius) Hoshangabad, Jabalpur, Seoni, Mandla
809. *Catharsius sagax* Queensland Jabalpur, Chhindwara, Seoni, Mandla, Hoshangabad
810. *Chironitis indicus* Lansberg Jabalpur, Hoshangabad
811. *Copris andrewesi* Waterhouse Jabalpur, Hoshangabad, Indore, Seoni
812. *Copris carinicus* Gillet Mandla
813. *Copris davisoni* Waterhouse Mandla

814. *Copris fricator* (F.) Jabalpur  
815. *Copris imitans* Felsche Indore, Seoni, Mandla, Balaghat, Jabalpur, Mandla  
816. *Copris repertus* Walker Indore, Mandla  
817. *Copris majicus* (Har.) Jabalpur  
818. *Drepanocerus setosus* (Wiedemann) Hoshangabad, Shahdol  
819. *Gymnopleurus cyaneus* (Fabricius) Hoshangabad, Seoni, Mandla, Jabalpur  
820. *Gymnopleurus dejeani* Castelnau Indore  
821. *Gymnopleurus gemmatus* Harold Jabalpur  
822. *Gymnopleurus miliaris* (Fabricius) Hoshangabad, Jabalpur, Mandla  
823. *Gymnopleurus mundus* (Wied.) Hoshangabad, Mandla  
824. *Gymnopleurus opacus* (Redt.) Hoshangabad  
825. *Gymnopleurus parvus* (Macleay) Hoshangabad  
826. *Gymnopleurus sinuatus* (Olivier) Seoni, Mandla, Hoshangabad  
827. *Gymnopleurus sumptuosus* Castelnau Indore  
828. *Heliocopris bucephalus* (Fabricius) Jabalpur, Chhindwara, Seoni, Hoshangabad  
829. *Heliocopris gigas* (Linnaeus) Jabalpur, Mandla  
830. *Liatongus rhadamistus* (Fabricius) Balaghat, Hoshangabad, Jabalpur  
831. *Oniticellus cinctus* (Fabricius) Hoshangabad, Jabalpur, Shahdol  
832. *Oniticellus pallens* Oliv. Hoshangabad  
833. *Onitis brahma* Lansberg Betul, Hoshangabad, Chhindwara, Balaghat, Jabalpur, Seoni  
834. *Onitis crassus* Sharp Jabalpur  
835. *Onitis philemon* Fabricius Indore, Hoshangabad, Seoni, Jabalpur  
836. *Onitis subopacus* Arrow Mandla, Balaghat,  
837. *Onitis virens* Lansberg Balaghat, Mandla  
838. *Onthophagus abreu* Arrow Betul, Seoni  
839. *Onthophagus agnus* Gill Indore, Seoni  
840. *Onthophagus bonasus* (Fabricius) Betul, Balaghat, Hoshangabad  
841. *Onthophagus brevicollis* Arrow Balaghat  
842. *Onthophagus catta* Fabricius Indore, Betul, Jabalpur, Seoni, Balaghat, Hoshangabad  
843. *Onthophagus centricornis* (Fabricius) Balaghat  
844. *Onthophagus cervus* (Fabricius) Balaghat, Jabalpur  
845. *Onthophagus dama* (Fabricius) Balaghat  
846. *Onthophagus fasciatus* Boucomont Shahdol  
847. *Onthophagus griseosetosus* Arrow Mandla, Balaghat

848. *Onthophagus hystrix* Boucomont Mandla, Balaghat  
 849. *Onthophagus orientalis* Harold Balaghat  
 850. *Onthophagus pactolus* (Fabricius) Indore, Hoshangabad, Seoni, Mandla  
 851. *Onthophagus ramosellus* Bates Betul, Hoshangabad  
 852. *Onthophagus ramosus* (Wiedemann) Indore, Jabalpur, Mandla, Hoshangabad  
 853. *Onthophagus sagittarius* (Fabricius) Hoshangabad  
 854. *Onthophagus tarandus* (Fabricius) Balaghat, Jabalpur, Hoshangabad, Seoni, Mandla  
 855. *Onthophagus zebra* Arrow Indore  
 856. *Phalops candezei* Lansberg Indore, Mandla, Hoshangabad  
 857. *Phalops divisus* (Wied.) Indore, Hoshangabad, Seoni  
 858. *Rhombhorina mearesi* (Hope) Jabalpur  
 859. *Scarabaeus sanctus* (Fabricius) Hoshangabad, Seoni  
 860. *Sisyphus hirtus* Wied. Mandla  
 861. *Sisyphus longipes* (Oliv.) Jabalpur, Hoshangabad, Seoni

## Subfamily MELOLONTHINAE

862. *Apogonia* sp. Seoni, Mandla  
 863. *Holotrichia serrata* Fabricius Seoni  
 864. *Holotrichia sculpticollis* Blanchard Seoni, Hoshangabad  
 865. *Schizonycha ruficollis* Fabricius Hoshangabad, Jabalpur

## Subfamily RUTELINAE

866. *Adoretus bicaudatus* Arrow Hoshangabad  
 867. *Adoretus bicolor* Brenske Hoshangabad, Jabalpur  
 868. *Adoretus duvauceli* Blanchard Indore  
 869. *Adoretus lasiopygus* Burmeister Hoshangabad, Jabalpur, Seoni  
 870. *Adoretus lobiceps* Arrow Jabalpur  
 871. *Adoretus longiceps* Frey Jabalpur  
 872. *Adoretus stoliczkae* Ohaus Betul, Jabalpur  
 873. *Adoretus versutus* Harold Jabalpur  
 874. *Anomala bengalensis* Blanchard Seoni, Hoshangabad  
 875. *Anomala biharensis* Arrow Hoshangabad, Jabalpur, Seoni  
 876. *Anomala dimidiata* (Hope) Hoshangabad, Seoni  
 877. *Anomala dorsalis* (Fabricius) Hoshangabad, Jabalpur, Seoni  
 878. *Anomala dorsalis fraterna* Burmeister Hoshangabad, Jabalpur  
 879. *Anomala ruficapilla* Burmeister Jabalpur, Hoshangabad  
 880. *Anomala rugosa* Arrow Seoni  
 881. *Anomala varicolor* (Gyll.) Hoshangabad, Seoni  
 882. *Mimela macleayana* (Vigors) Hoshangabad, Seoni, Mandla

883. *Mimela xanthorrhina* Hope Hoshangabad  
 884. *Prodoretus indicus* Machatschke Jabalpur
- Subfamily DYNASTINAE
885. *Alissonotum piceum* (Fabricius) Narsinghpur  
 886. *Dipelicus cantator* Arrow Narsinghpur, Seoni  
 887. *Eophileurus platypterus* (Wied.) Seoni, Hoshangabad  
 888. *Eophileurus perforatus* Arrow Indore, Mandla  
 889. *Heteronychus lioderes* Redtenbacher Jabalpur, Seoni  
 890. *Oryctes rhinoceros* (L.) Seoni  
 891. *Phyllognathus dionysius* (Fabricius) Hoshangabad, Seoni  
 892. *Xylotropes gideon* (Linnaeus) Hoshangabad, Balaghat, Mandla, Seoni
- Subfamily CETONINAE
893. *Anatona stillata* Newman Indore  
 894. *Chiloloba acuta* (Wied.) Jabalpur, Hoshangabad  
 895. *Clinteria hearseiana* Westwood Hoshangabad  
 896. *Clinteria klugi* (Hope) Hoshangabad, Jabalpur, Seoni, Mandla  
 897. *Oxycetonia versicolor* (Fabricius) Indore, Hoshangabad, Seoni  
 898. *Protaetia alboguttata* Vigors Jabalpur  
 899. *Protaetia aurichalcea* (Fabricius) Jabalpur, Hoshangabad  
 900. *Protaetia terrosa* G. & P. Indore  
 901. *Heterorrhina elegans* (Fabricius) Seoni
- Family PAUSSIDAE
902. *Paussus hearseyanus* Westwood Hoshangabad  
 903. *Platyrhopalus denticornis* Donovan Hoshangabad
- Family CICINDELIDAE
904. *Cicindela cancellata* Dej. Hoshangabad, Umaria, Seoni  
 905. *Cicindela haemorrhoidalis* Wied. Seoni  
 906. *Cicindela sexpunctata* F. Seoni  
 907. *Cicindela minuta* Oliv. Seoni  
 908. *Cicindela catena* (Fabricius) Hoshangabad  
 909. *Cicindela funerea* var. *assimilis* Hope Hoshangabad  
 910. *Cicindela striolata* Illiger Seoni  
 911. *Cicindela sumatrensis* (Hbst.) Dindori, Mandla  
 912. *Bicindela melancholica* (F.) (Abert.) Dindori, Mandla
- Family CARABIDAE
913. *Anthia indica* Chaud Jabalpur  
 914. *Anthia sexguttata* Fabricius Seoni

915.	<i>Apotomus hirsutulus</i> Bates	Balaghat
916.	<i>Bembidion xanthacrum</i> Chaud	Hoshangabad
917.	<i>Calosoma orientale</i> Hope	Khandwa
918.	<i>Chlaenius niticollis</i> Dej.	Jabalpur
919.	<i>Chlaeneus ocellatus</i> (Andr.)	Jabalpur
920.	<i>Clivina semicarinata</i> Putz	Hoshangabad
921.	<i>Craspedothorus nolulatus</i> Fabricius	Jabalpur
922.	<i>Drypta nr. lineola</i> Macleay	Seoni
923.	<i>Gnathaphanus acutipennis</i> Bates	Jabalpur, Shahdol
924.	<i>Kareya edentata</i> Bates	Shahdol
925.	<i>Kareya sublaevis</i> Bates	Shahdol
926.	<i>Lesopogonus glabellus</i> (Andr.)	Jabalpur
927.	<i>Luperca faevigata</i> Fabricius	Hoshangabad
928.	<i>Macrochilus trimaculatus</i> (Oliv.)	Shahdol
929.	<i>Omophunon lunatus</i> Bann.	Mandla
930.	<i>Omphra atrata</i> (Klug.)	Jabalpur, Shahdol
931.	<i>Orthotrichus indicus</i> Bates	Shahdol
932.	<i>Oxylobus porcatus</i> (Fabricius)	Jabalpur
933.	<i>Pheropsophus occipitalis</i> H. Leay	Jabalpur
934.	<i>Pheropsophus sobrinus</i> Dej.	Jabalpur
935.	<i>Platymetapus senelis</i> Nietn.	Jabalpur
936.	<i>Scarites indus</i> (Oliv.)	Hoshangabad
937.	<i>Scarites laticeps</i> Andrews	Mandla
938.	<i>Scarites mahratta</i> Andrews	Mandla
939.	<i>Siagona induta</i> Chaud	Jabalpur
940.	<i>Tachys babaulti</i> Andrews	Hoshangabad
941.	<i>Tachys blandus</i> Andrews	Hoshangabad
942.	<i>Tachys impressipennis</i> Motch.	Balaghat
943.	<i>Tachys onnatus</i> Apetz	Hoshangabad
944.	<i>Tachys vafer</i> Andrews	Mandla
945.	<i>Trigonotoma indica</i> Brull.	Jabalpur

## Family HALIPLLIDAE

946.	<i>Haliplus (Liaphlus) agarwali</i> Vazirani	Jabalpur
947.	<i>Haliplus (Liaphlus) angustifrons</i> Regjmbart	Jabalpur
948.	<i>Haliplus (Liaphlus) kapuri</i> Vazirani	Jabalpur

## Family DYTISCIDAE

949.	<i>Canthydrus laetabilis</i> Walker	Jabalpur, Mandla
950.	<i>Canthydrus luctuosus</i> (Aube)	Jabalpur, Mandla

951. *Canthydrus morsbachi* Wehn. Jabalpur  
 952. *Cybister cognatus* Sharp Jabalpur  
 953. *Cybister concerror* Guig. Jabalpur  
 954. *Cybister limbatus* (Fabricius) Jabalpur, Shahdol, Seoni  
 955. *Cybister sugillatus* Erichson Jabalpur  
 956. *Cybister tripunctatus asiaticus* Sharp Jabalpur, Dindori, Mandla  
 957. *Bhantaticus congestus* (Klug.) Dindori, Mandla  
 958. *Eretes sticticus* (Linnaeus) Jabalpur  
 959. *Guignotus flammulatus* (Sharp) Jabalpur  
 960. *Guignotus inconstans* (Reg.) Jabalpur  
 961. *Herophydrus musicus* (Klug.) Jabalpur  
 962. *Hydaticus fabricii* Macleay Seoni  
 963. *Hydaticus incertus* Reg. Jabalpur  
 964. *Hydaticus luczonicus* Aube Jabalpur, Seoni, Mandla, Shahdol, Hoshangabad  
 965. *Hydaticus vittatus* Fabricius Jabalpur, Seoni, Shahdol  
 966. *Hydrovatus rufescens* Mots. Jabalpur  
 967. *Hydrovatus sinister* Sharp Jabalpur  
 968. *Hyphoporus aper* (Sharp) Jabalpur, Shahdol  
 969. *Hyphoporus severini* Reg. Jabalpur  
 970. *Hyphydrus flavicans* Reg. Jabalpur  
 971. *Hyphydrus renardi* Severin Jabalpur, Mandla  
 972. *Laccophilus basalis* Mots. Jabalpur  
 973. *Laccophilus flexuosus* Aube. Jabalpur  
 974. *Laccophilus inefficiens* Walker Jabalpur  
 975. *Laccophilus parvulus* Aube. Jabalpur  
 976. *Laccophilus sharpi* Reg. Jabalpur  
 977. *Laccophilus wewalki* Vazirani Jabalpur  
 978. *Neptosternus circumductus* Reg. Jabalpur, Mandla  
 979. *Peschetius quadricostatus* Aube. Jabalpur  
 980. *Rhantaticus congestus* (Klug.) Jabalpur  
 981. *Sandracottus dejeani* Aube Hoshangabad, Jabalpur  
 982. *Sandracottus festivus* (Illiger) Jabalpur

#### Family GYRINIDAE

983. *Dineutus indicus* Aube Jabalpur, Shahdol  
 984. *Dineutus (Spinodineutus) unidentatus*  
 (Aube) Mandla  
 985. *Orectochilus (Patrus) cardoni* Reg. Hoshangabad, Narsinghpur

986. *Orectochilus (Patrus) discifer* (Walker) Hoshangabad, Shahdol  
 987. *Orectochilus (Patrus) fletcheri* Ochs. Hoshangabad, Jabalpur, Narsingpur  
 988. *Orectochilus (Patrus) haemorrhous* Hoshangabad, Jabalpur, Narsingpur,  
 Regimbart Mandla,  
 989. *Orectochilus (Patrus) indicus* Reg. Jabalpur, Narsingpur, Mandla  
 990. *Orectochilus limbatus* Reg. Hoshangabad, Jabalpur, Narsingpur,  
 Mandla, Shahdol  
 991. *Orectochilus orissaensis* Vazirani Jabalpur  
 992. *Orectochilus (Patrus) productus* Reg. Jabalpur, Mandla, Shahdol  
 993. *Orectochilus (Patrus) ritsemai* Reg. Hoshangabad, Mandla  
 994. *Gyrinus convexiusculus* (Macleay) Mandla, Shahdol

## Family HYDROPHILIDAE

995. *Berosus {Enoplurus} indicus* (Mota.) Mandla  
 996. *Hydrophilus bilineatus kashmiriensis* Redt. Jabalpur  
 997. *Hydrophilus olivaceous* (Fabricius) Jabalpur, Seoni, Shahdol  
 998. *Helochares hydrobaticus crenatuloides*  
 (D' Orchymont) Part of basin  
 999. *Helochares hydrobaticus densus* (Sharp) Part of basin  
 1000. *Helochares hydrobaticus lentus* (Sharp) Part of basin  
 1001. *Helochares hydrobaticus crenatus* (Rig.) Part of basin  
 1002. *Stenolophus rufipes* Fabricius Jabalpur, Seoni

## Family STAPHYLINIDAE

1003. *Paederus fuscipes* (Curt.) Jabalpur  
 1004. *Pinophilus aegyptius* (Er.) Jabalpur  
 1005. *Stenus nigripes* Cameron Hoshangabad  
 1006. *Trogophlaeus (Boopinus) chatterjeei*  
 Cameron Hoshangabad  
 1007. *Trogophlaeus (Boopinus) congruus*  
 Cameron Hoshangabad  
 1008. *Trogophlaeus piceicollis* Cameron Hoshangabad  
 1009. *Trogophlaeus trivialis* Cameron Hoshangabad

## Family LUCANIDAE

1010. *Figulus caviceps* Boil. Balaghat  
 1011. *Dorcus bisignatus* (Parry) Seoni

## Family BUPRESTIDAE

1012. *Sphenoptera* sp. Jabalpur  
 1013. *Psiloptera lempetis coerulea* Oliv. Seoni, Hoshangabad  
 1014. *Sternocera chrysis* Fabr. Seoni, Hoshangabad

## Family ELATERIDAE

1015. *Lanelatex fuscipes* (F.) Seoni  
 1016. *Plectosternus rufus* Lacord Seoni  
 1017. *Calais eryx* (Candeze) Seoni  
 1018. *Adelocera {Lacoe} torrefacta* (Cand.) Hoshangabad

## Family BOSTRICHIDAE

1019. *Cyrtotrachelus longipes* Fabricius Seoni  
 1020. *Anthia sexguttata* Fab. Seoni

## Family COCCINELLIDAE

1021. *Brumus suturalis* (F.) Hoshangabad, Jabalpur  
 1022. *Coccinella transversalis* Fabricius Jabalpur, Seoni  
 1023. *Coccinella septempunctata* (L.) Shahdol  
 1024. *Coelophora unicolor* (Fabr.) Jabalpur  
 1025. *Coelophora octocognata* (Mulsant.) Jabalpur  
 1026. *Epilachna ocellata* Redtenbacher Jabalpur  
 1027. *Menochilus sexmaculatus* (Fab.) Jabalpur, Seoni, Hoshangabad  
 1028. *Harmonia arcuata* F. Seoni  
 1029. *Henosepilachna septina* (Deike) Seoni  
 1030. *Illeis cincta* (Fabr.) Jabalpur  
 1031. *Rodolia fumida* (Muls.) Jabalpur

## Family CRYPTOPHAGIDAE

1032. *Cryptocephalus senarius* (Suff.) Hoshangabad

## Family ENDOMYCHIDAE

1033. *Aneylophus melanocephalus* (Oliv.) Jabalpur

## Family MELOIDAE

1034. *Mylabris sidica* Fabricius Jabalpur  
 1035. *Mylabris phalerata* Pall. Seoni  
 1036. *Mylabris damohansis* Saha Damoh  
 1037. *Eletica* sp. Seoni  
 1038. *Cylindrothorax ruficollis* (F.) Seoni  
 1039. *Gnathospastoides rouxi* (Cast.) Jabalpur

## Family TENEBRIONIDAE

1040. *Cossypus depressus* (Fabricius) Jabalpur  
 1041. *Hyperops coromandelensis* (Sol.) Jabalpur  
 1042. *Opatroides vicinus* (Fairm.) Jabalpur  
 1043. *Rhytidonota subfossulata* (Sol) Jabalpur  
 1044. *Scleron irregulata* (Dt.) Jabalpur

1045. *Sphenariopsis tristis* Kr. Jabalpur  
 1046. *Upis nigra* (Wied.) Jabalpur
- Family CERAMBYCIDAE Jabalpur
1047. *Acanthophorus serraticornis* (Oliv.) Seoni, Jabalpur  
 1048. *Daesus telephonoides* Gahan Jabalpur  
 1049. *Macrotoma* sp. Seoni  
 1050. *Monochammus nivosus* (Wh.) Balaghat  
 1051. *Nupsertha lenita* (Pasc.)  
 1052. *Plocaederus pedestris* (White) Hoshangabad, Indore  
 1053. *Prionomma atratum* (Gmelin) Hoshangabad  
 1054. *Stromatium barbatum* (Fabricius) Hoshangabad, Jabalpur  
 1055. *Xystrocera globosa* Oliv. Hoshangabad, Seoni  
 1056. *Olenocamptus* sp. Seoni  
 1057. *Stibora nigricornis* F. Seoni  
 1058. *Calothryza schestedi* F. Seoni
- Family CHRYSOMELIDAE
1059. *Cassida circumdata* Hbst. Jabalpur  
 1060. *Ceratobasis nair* (Lacord) Jabalpur  
 1061. *Choeridiona picea* (Baly) Jabalpur  
 1062. *Colasposoma metallicum* (Clark) Jabalpur  
 1063. *Corynodes peregrinus* Fursely Jabalpur  
 1064. *Cryptocephalus sauris* Duvie Jabalpur  
 1065. *Cryptocephalus quadratus* (Suffr.) Jabalpur  
 1066. *Cryptocephalus sexignatus* (Fab.) Jabalpur  
 1067. *Cryptocephalus* sp. nr. *andrewesi* (Jac.) Jabalpur  
 1068. *Cryptocephalus sehestedti* (Fab.) Part of basin  
 1069. *Cryptocephalus vahli* (Fab.) Part of basin  
 1070. *Cytosoma palliata* (Fab.) Jabalpur  
 1071. *Dactydispa dilaticornis* (Duv.) Jabalpur  
 1072. *Dactydispa pallescens* (Guerin) Part of basin  
 1073. *Diapromorpha turcica* (Fab.) Jabalpur  
 1074. *Acanthophorus serraticornis* (Oliv.) Jabalpur  
 1075. *Apophyllia sericea* (Fab.) Jabalpur  
 1076. *Aphthona nigrilabris* (Duviv.) Jabalpur  
 1077. *Aulacophora excavata* (Baly) Jabalpur  
 1078. *Aulacophora intermedia* (Jac.) Jabalpur  
 1079. *Aulacophora foveicollis* (Lucas) Jabalpur  
 1080. *Aulacophora lewisi* (Baly) Part of basin

- |       |   |          |
|-------|---|----------|
| 1081. | <i>Gallerucida bicolor</i> (Hope)                 | Jabalpur |
| 1082. | <i>Gallerucida rutilans</i> (Hope)                | Jabalpur |
| 1083. | <i>Glyphocassis trilineata</i> (Hope)             | Jabalpur |
| 1084. | <i>Gynandrophthalma longicornis</i> (Jac.)        | Jabalpur |
| 1085. | <i>Gynandrophthalma divisa</i> (Jac.)             | Jabalpur |
| 1086. | <i>Haltica cyanea</i> (Webr.)                     | Jabalpur |
| 1087. | <i>Hispella stygia</i> (Chap.)                    | Jabalpur |
| 1088. | <i>Hispella ramosa</i> (Gytt.)                    | Jabalpur |
| 1089. | <i>Lacoptera quadrimaculata</i> (Thunb.)          | Jabalpur |
| 1090. | <i>Lema globicollis</i> (Baly)                    | Jabalpur |
| 1091. | <i>Luperomorpha nigripennis</i> (Duviv.)          | Jabalpur |
| 1092. | <i>Donacia delesserti</i> (Guer.)                 | Jabalpur |
| 1093. | <i>Donacia cyphogaster javana</i> (Wiedemann)     | Jabalpur |
| 1094. | <i>Monochammus nivosus</i> (Wh.)                  | Balaghat |
| 1095. | <i>Monolepta limbata</i> (Motsch.)                | Jabalpur |
| 1096. | <i>Monolepta nigro bilineata</i> (Motsch.)        | Jabalpur |
| 1097. | <i>Monolepta signata</i> (Oliv.)                  | Jabalpur |
| 1098. | <i>Oides bipunctata</i> (FABR.)                   | Jabalpur |
| 1099. | <i>Pachnephorus bretinghami</i> (Baly)            | Jabalpur |
| 1100. | <i>Pagria kanarensis</i> (Jac.)                   | Jabalpur |
| 1101. | <i>Phygasia indica</i> (Jac.)                     | Jabalpur |
| 1102. | <i>Podagarica bowringi</i> (Baly)                 | Jabalpur |
| 1103. | <i>Podagarica nigripennis</i> (Jac.)              | Jabalpur |
| 1104. | <i>Chrysolina aurata</i> (Suffer.)                | Jabalpur |
| 1105. | <i>Chrysolina caerulipes</i> (Gemminger & Harold) | Balaghat |
| 1106. | <i>Sagra formosa</i> (Drury)                      | Jabalpur |
| 1107. | <i>Sphaeroderma terminata</i> (Jac.)              | Jabalpur |
| 1108. | <i>Strobiderus nigripennis</i> (Jac.)             | Jabalpur |

## Family BRUCHIDAE

- |       |  |          |
|-------|--|----------|
| 1109. | <i>Callosobruchus antennatus</i> Anton | Jabalpur |
|-------|--|----------|

## Family PTINIDAE

- |       |   |          |
|-------|---|----------|
| 1110. | <i>Gybbium psyttoides czempinski</i><br>(G. Scotias Fab.) | Jabalpur |
|-------|---|----------|

## Family CLERIDAE

- |       |                                     |          |
|-------|-------------------------------------|----------|
| 1111. | <i>Orthrius subsimilis</i> (Westw.) | Jabalpur |
|-------|-------------------------------------|----------|

## Family CURCULIONIDAE

- 1112.. *Atractogaster nr.antennalis* Desbr. Seoni  
 1113. *Crinorrhinus approximans* Marshall Hoshangabad  
 1114. *Crinorrhinus nebulous* Marshall Balaghat  
 1115. *Cyclas formicarius* Fab. Jabalpur  
 1116. *Cyphicerinus pannosus* Marshall Hoshangabad, Damoh, Jabalpur  
 1117. *Cyphicerinus tectonae* Marshall Hoshangabad  
 1118. *Myllocerus* sp. Hoshangabad  
 1119. *Nanophyces belli* Heller Jabalpur  
 1120. *Peltotrachelus pubes* (Fst.) Mandla  
 1121. *Protocerius* sp. Seoni  
 1122. *Sitona orinitus* Hbst. Jabalpur  
 1123. *Xanthophora faunas* Oliv. Seoni

## Family CURENTIONIDAE

1124. *Episomus lacerta* Fabricius Jabalpur

## Order MECOPTERA

(Scorpion Flies/ Hanging flies)

## Family BITTACIDAE

1125. *Bittacus* sp. Damoh (Veerangana Durgavati Wildlife Sanctuary), Seoni

## Order SIPHONOPTERA (Fleas)

## Family PULICIDAE

## Subfamily PULICINAE

1126. *Pulex irritans* Linnaeus Jabalpur

## Subfamily XENOPSYLLINAE

1127. *Xenopsylla astia* Rothchild Jabalpur  
 1128. *Xenopsylla brasiliensis* (Baker) Hoshangabad, Jabalpur  
 1129. *Xenopsylla cheopsis* (Rothchild) Jabalpur

## Family CTENOPHELIDAE

1130. *Ctenocephalides felis* (Bouche) Jabalpur

## Order DIPTERA (True Flies)

## Suborder NEMATOCERA

## Family CECIDOMYIIDAE

## Subfamily LESTREMIINAE

1131. *Conarete indorensis* Grover Indore  
 1132. *Peromyia indica* Grover Indore

## Subfamily PORRICONDYLINAЕ

1133. *Bryocrypta triangulobata* Grover Indore  
 1134. *Dicerura indica* Grover Indore  
 1135. *Winnertzia orientalis* Grover Indore

## Subfamily CECIDOMYIINAE

1136. *Asphondylia tectoniae* Mani Shahdol  
 1137. *Lasioptera achyranthesae* Sharma Shahdol  
 1138. *Lasioptera bryoniae* Schiner Shahdol  
 1139. *Dasineura lini* Barnes Parts of the basin  
 1140. *Clinodiplosis indorensis* Grover Indore  
 1141. *Coquilletomyia quadrispina* Grover Indore  
 1142. *Feltiella minuta* Grover Indore  
 1143. *Orseolia oryzae* Woodmason Indore  
 1144. *Parallelodiplosis indorensis* Grover Indore  
 1145. *Procontarinia matteina* Kieffer & Cecconi Shahdol  
 1146. *Trisopsis narendrii* Grover Indore

## Family TIPULIDAE

## Subfamily LIMONINAE

1147. *Trentepohlia (Trentepohlia) trentepohlii*  
 (Wiedemann) Seoni  
 1148. *Holorusia ornatithorax* (Brun.) Jabalpur

## Family CULICIDAE

1149. *Aedes aegypti* (Linn.) Mandla  
 1150. *Aedes albopictus* (Skuse) Mandla  
 1151. *Anopheles annularis* Van der Wulp Mandla  
 1152. *Anopheles culicifacies* Giles Jabalpur, Mandla  
 1153. *Anopheles fluviatilis* James Jabalpur, Mandla  
 1154. *Anopheles jamesii* Theobald Mandla  
 1155. *Anopheles jeyporiensis* James Jabalpur, Mandla  
 1156. *Anopheles maculatus* (James) Mandla  
 1157. *Anopheles nigerrimus* Giles Jabalpur, Mandla  
 1158. *Anopheles (Cellia) pallidus* Theobald Jabalpur, Mandla  
 1159. *Anopheles philippinensis* Ludlow Mandla  
 1160. *Anopheles (Cellia) splendidus* Koidzumi Mandla  
 1161. *Anopheles subpictus* Grasso Jabalpur, Mandla  
 1162. *Anopheles theobaldi* Giles Jabalpur  
 1163. *Anopheles turkhudi* Liston Mandla

1164. *Anopheles vagus* Grassi Jabalpur, Mandla  
 1165. *Anopheles (Cellia) varuna* Iyengar Mandla  
 1166. *Armigeres kuchingensis* Edw. Mandla  
 1167. *Culex bitaeniorhynchus* Theobald Jabalpur  
 1168. *Culex mimulus* Edwards Jabalpur  
 1169. *Culex quinquefasciatus* Say Mandla  
 1170. *Culex sinensis* Theobald Jabalpur  
 1171. *Culex tritaeniorhynchus* Giles Jabalpur, Mandla  
 1172. *Culex vishnui* Theobald Jabalpur  
 1173. *Mansonia annulifera* (Theobald) Mandla  
 1174. *Mansonia longipalpis* Van der Wulp Mandla
- Family BIBIONIDAE  
 Subfamily PLECIINAE
1175. *Plecia (Plecia) dispersa* Hardy Chhindwara  
 Family SCIARIDAE
1176. *Trichosia rufithorax* (Walker) Seoni  
 Suborder BRACHYCERA  
 Family STRATIOMYIDAE
1177. *Microchysa flaviventris* (Wild.) Jabalpur  
 1178. *Ptecticus australis* (Seti.) Balaghat
- Family TABANIDAE  
 Subfamily PANGONIINAE  
 Tribe PHILOLICHINI
1179. *Philoliche taprobans* (Walker) Chhindwara  
 Subfamily TABANINAE  
 Tribe HAEMATOPOTINI
1180. *Haematopota javana* Wiedemann Seoni  
 1181. *Haematopota roralis* Fabricius Seoni
- Tribe TABANINI
1182. *Atylotus agrestis* (Wiedemann) Parts of the basin  
 1183. *Tabanus jucundus* Walk. Parts of the basin  
 1184. *Tabanus (Tabanus) orientalis* Walker Seoni  
 1185. *Tabanus striatus* Fabr. Parts of the basin  
 1186. *Tabanus triceps* Thunberg Parts of the basin
- Family ASILIDAE
1187. *Clephydroneura pulla* Oldroyd Seoni  
 1188. *Laxenecera albibarbis* Macquart Chhindwara

1189. *Michotamia aurata* (Fabricius) Chhindwara, Jabalpur  
 1190. *Neolophonotus indicus* (Bromley) Shahdol  
 1191. *Ommatius minor* Doleschall Seoni  
 1192. *Ommatius jabalpurensis* (Joseph & Parui) Jabalpur  
 1193. *Ommatius pseudo dravidicus* (Joseph & Parui) Jabalpur  
 1194. *Philodicus femoralis* Ricardo Seoni  
 1195. *Philodicus pruthii* Bromley Chhindwara, Seoni  
 1196. *Promachus duvaucelii* (Macquart) Chhindwara, Seoni  
 1197. *Promachus genitalis* (Joseph & Parui) Jabalpur

## Family BOMBYLIIDAE

## Subfamily EXOPROSOPINAE

1198. *Exoprosopa (Exoprosopa) insulata* (Walker) Seoni  
 1199. *Exoprosopa (Exoprosopa) lateralis* Brunetti Seoni  
 1200. *Litorhynchus lar* (Fabricius) Seoni

## Family SYRPHIDAE

## Subfamily SYRPHINAE

1201. *Ceria eumenioides* (Saund) Hoshangabad  
 1202. *Dideopsis aegrotus* (Fabricius) Chhindwara  
 1203. *Episyrphus balteatus* (De Geer) Chhindwara  
 1204. *Ischiodon scutellaris* (Fabricius) Seoni  
 1205. *Paragus serratus* (Fabr.) Jabalpur

## Family PYRGOTIDAE

1206. *Taeniomastix pictiventris* (Hendel) Seoni

## Family TEPHRITIDAE

## Subfamily TEPHRITINAE

1207. *Platensina acrostacta* (Wiedemann) Chhindwara

## Family OTTIDAE

## Subfamily ULIDINAE

1208. *Physiphora aenea* (Fabricius) Chhindwara

## Family AGROMYZIDAE

1209. *Ophiomyia phaseoli* (Tryon) Jabalpur

## Family MUSCIDAE

## Subfamily PHAONIINAE

1210. *Xenosia bina brunneifemorata* (Van Emden) Jabalpur

## Subfamily MUSCILINAE

1211. *Musca (Musca) domestica* Linnaeus Seoni  
 1212. *Musca (Byomyia) fasciata* (Stein) Jabalpur  
 1213. *Musca (Byomyia) planiceps* (Wiede.) Indore, Jabalpur  
 1214. *Musca (Byomyia) confiscata* Speiser Jabalpur  
 1215. *Musca (Byomyia) conducens* (Walker) Jabalpur  
 1216. *Musca (Eumusca) hervei* Villeneuve Jabalpur  
 1217. *Musca (Philarematomyia) crassirostris* Jabalpur  
 1218. *Musca pattoni* (Aust.) Jabalpur  
 1219. *Haematobia irritans* (Linn.) Jabalpur  
 1220. *Haematobia minuta* (Bezzi) Jabalpur  
 1221. *Hylemyia fle vibasis* (Stein.) Jabalpur  
 1222. *Orthellia indica* (Robineau-Desvoidy) Chhindwara

## Subfamily STOMOXODINAE

1223. *Stomoxys calcitrans* (Linnaeus) Seoni

## Family CALLIPHORIDAE

## Subfamily CHRYSOMYINAE

1224. *Chrysomya megacephala* (Fabricius) Chhindwara  
 1225. *Chrysomya rufifacies* (Macq.) Jabalpur  
 1226. *Hemipyrellia ligurriens* (Wiedmann) Jabalpur

## Subfamily CALLIPHORINAE

1227. *Bengalia jejuna* (Fabricius) Seoni  
 1228. *Bengalia torosa* (Wiedemann) Chhindwara

## Subfamily RHINIINAE

1229. *Rhinia melanostoma* (Wiedemann) Seoni

## Family SARCOPHAGIDAE

## Subfamily SARCOPHAGINAE

1230. *Iranihindia martellata* (Senior-White) Chhindwara  
 1231. *Parasarcophaga (Parasarcophaga) albiceps* (Meigen) Chhindwara, Seoni  
 1232. *Parasarcophaga (Parasarcophaga) hirtipes* (Wiedemann) Chhindwara, Seoni

## Order LEPIDOPTERA

## Suborder RHOPALOCERA (Butterflies)

## Family PAPILIONIDAE

## Subfamily PAPILIONINAE

## Tribe LEPTOCIRCINI

1233. *Graphium agammenon* (Linn.) : Tailed Jay Hoshangabad, Khargone

1234. *Pathysa nomius nomius* (Esper) Balaghat, Hoshangabad, Mandla, Seoni  
Spot Swordtail

## Tribe PAPILIONINI

1235. *Papilio demoleus demoleus* Linn. Balaghat, Chhindwara, Dhar, Indore,  
Lime Butterfly Hoshangabad, Jabalpur, Mandla
1236. *Papilio polymnestor* Cramer  
Blue Mormon Jabalpur, Shahdol
1237. *Papilio polytes romulus* Cramer Chhindwara, Dhar, Hoshangabad,  
Common Mormon Indore, Jabalpur, Mandla
1238. *Chilasa clytia clytia* (Linn.) : Common Balaghat, Hoshangabad, Mandla, Seoni,  
Mime

## Tribe TROIDINI

1239. *Pachliopta aristolochiae* Fabricius Balaghat, Mandla, Shahdol  
Common Rose
1240. *Pachliopta hector* (Linn.) : Crimson Rose Balaghat, Mandla, Hoshangabad, Seoni

## Family PIERIDAE

## Subfamily PIERINAE

## Tribe PIERINI

1241. *Belonois aurota aurota* (Fabricius) Balaghat, Hoshangabad, Jabalpur,  
Pioneer Mandla, Seoni
1242. *Cepora nerissa phryne* (Fabricius) Chhindwara, Dhar, Hoshangabad,  
Common Gull Indore, Jabalpur
1243. *Delias eucharis* (Drury) : Common Jezebel Balaghat, Betul, Chhindwara,  
Hoshangabad, Indore, Jabalpur,  
Mandla, Narsinghpur, Shahdol
1244. *Appias libythea libythea* (Fabricius)  
Striped Albatross Chhindwara, Dhar, Khargone
1245. *Appias paulina paulina* (Cramer)  
Ceylon Lesser Albatross Sagar
1246. *Leptosia nina nina* (Fabricius) : Psyche Balaghat, Jabalpur, Mandla, Shahdol

## Tribe COLOTINI

1247. *Ixias marianne* (Cramer) : White Orange Tip Chhattarpur, Dhar, Jhabua, Sihore
1248. *Ixias pyrene sesia* (Linn) : Yellow Orange Tip Shahdol
1249. *Hebomoia glaucippe glaucippe* (Linn.)  
Great Orange Tip Hoshangabad
1250. *Colotis amata* (Fabricius)  
Small Salmon Arab Khargone
1251. *Colotis danae danae* (Fabricius)  
Small Orange Tip Hoshangabad

1252. *Colotis etrida etrida* (Boisduval)  
Crimson Tip Khargone
1253. *Colotis vestalis vestalis* (Butler) :  
White Arab Khargone
1254. *Pareronia valeria hippiea* (Fabricius)  
Common Wanderer Balaghat, Dhar, Indore, Jabalpur,  
Mandla

## Subfamily COLIADINAE

1255. *Catopsilia pomona* (Fabricius)  
Lemon or Common Emigrant Balaghat, Chhindwara, Dhar, Indore,  
Hoshangabad, Seoni, Jabalpur, Sagar,  
Jhabua, Mandla, Shahdol
1256. *Catopsilia pyranthe pyranthe* (Linn.)  
Mottled Emigrant Balaghat, Chhindwara, Hoshangabad,  
Indore, Jabalpur, Mandla
1257. *Terias hecabe simulata* (Moore)  
Common Grass Yellow Balaghat, Betul, Chhindwara, Dhar,  
Damoh, Jabalpur, Jhabua, Mandla
1258. *Terias laeta laeta* (Boisduval)  
Spotless Grass Yellow Dhar, Jabalpur, Jhabua, Sagar
1259. *Terias brigitta rubella* (Wallace)  
Small Grass Yellow Balaghat, Dhar, Hoshangabad, Jabalpur,  
Jhabua, Seoni

## Family DANAIDAE

## Subfamily DANAINAE

1260. *Danaus chrysippus* (Linn) :  
Common Tiger Balaghat, Betul, Chhindwara, Damoh,  
Dhar, Indore, Jabalpur, Jhabua,  
Khargaon, Mandla, Sagar, Seoni,
1261. *Danaus genutia* (Cramer) : Striped Tiger Balaghat, Chhindwara, Jhabua,  
Hoshangabad, Jabalpur, Mandla, Sagar,  
Seoni, Shahdol
1262. *Tirumala limniace leopardus* (Butler)  
Blue Tiger Balaghat, Dhar, Hoshangabad, Seoni,  
Indore, Jhabua, Mandla

## Subfamily EUPLOEINAE

1263. *Euploea core core* (Cramer)  
Common Indian Crow Balaghat, Chhindwara, Dhar, Indore,  
Jabalpur, Jhabua, Mandla, Seoni, Sihore

## Family SATYRIDAE

## Subfamily SATYRINAE

## Tribe MELANTINI

1264. *Melanitis leda ismene* (Cramer)  
Common Evening Brown Balaghat, Jabalpur, Mandla, Seoni
1265. *Melanitis phedima bethami* de Niceville  
Dark Evening Brown Balaghat, Hoshangabad
1266. *Melanitis phedima varaha* Moore  
Dark Evening Brown Hoshangabad

## Tribe LETHINI

1267. *Lethe rohria* (Fabricius)  
Common Tree Brown Balaghat, Hoshangabad, Mandla,
1268. *Lethe europa europa* (Fabricius)  
Bamboo Tree Brown Balaghat, Hoshangabad, Mandla,

## Tribe MYCALESINI

1269. *Mycalesis igilia mercea* Evans  
Small Long-brand Bush Brown Hoshangabad
1270. *Mycalesis lepcha bethami* (Moore)  
Lepcha Bush Brown Hoshangabad
1271. *Mycalesis mineus* (Linn.)  
Dark Branded Bush Brown Hoshangabad, Seoni
1272. *Mycalesis pereus tabitha* (Fabricius)  
Common Bush Brown Hoshangabad
1273. *Mycalesis visala visala* Moore  
Long brand-Bush Brown Hoshangabad

## Tribe YPTHIMINI

1274. *Ypthima asterope* (Klug)  
Common Threering Balaghat, Hoshangabad, Mandla, Seoni
1275. *Ypthima huebneri* Kirby  
Common Fourring Balaghat, Hoshangabad, Mandla,  
Shahdol
1276. *Ypthima baldus satpura* Evans  
Common Fivering Hoshangabad
1277. *Ypthima ceylonica ceylonica* Hewitson  
White or Ceylon Fourring Hoshangabad
1278. *Ypthima inica* Hewitson  
Lesser Three-ring Hoshangabad

## Family NYMPHALIDAE

## Subfamily BIBLIDINAE

1279. *Ariadne merione* (Cramer) Common Castor Shahdol
1280. *Byblia ilithyia* Drury : Joker Khargone

## Subfamily AGRYNNINAE

## Tribe ARGYNNINI

1281. *Argyreus hyperbius hyperbius* Drury  
Indian Fritillary Hoshangabad
1282. *Phalanta phalantha* (Drury)  
Common Leopard Balaghat, Chhattarpur, Hoshangabad,  
Jabalpur, Mandla, Seoni, Shahdol

## Subfamily NYMPHALINAE

## Tribe VANESSINI

1283. *Cynthia cardui* (Linn.) : Painted Lady Balaghat, Mandla, Seoni,  
 1284. *Precis iphita pluviatilis* Fruhstorfer  
 Chocolate Pansy Balaghat, Mandla, Chhindwara,  
 Hoshangabad, Jabalpur  
 1285. *Junonia atlites* (Linn.) : Grey Pansy Balaghat, Chhindwara, Jabalpur,  
 Mandla, Seoni,  
 1286. *Junonia almana almana* (Linn.)  
 Peacock Pansy Balaghat, Chhindwara, Jabalpur,  
 Mandla, Seoni, Shahdol  
 1287. *Junonia hierta hierta* (Fabricius)  
 Yellow Pansy Balaghat, Hoshangabad, Jabalpur,  
 Mandla, Seoni,  
 1288. *Junonia orithya swinhoi* Butler  
 Blue Pansy Balaghat, Chhattarpur, Hoshangabad,  
 Jabalpur, Mandla, Seoni  
 1289. *Junonia lemonias vaisya* (Fruhstorfer)  
 Lemon Pansy Balaghat, Chhattarpur, Hoshangabad,  
 Jabalpur, Mandla, Seoni,

## Tribe HYPOLIMINI

1290. *Kallima inachus huegeli* (Kollar)  
 Orange Oakleaf Hoshangabad  
 1291. *Hypolimnas bolina* (Linn.) : Great Eggfly Balaghat, Chhindwara, Indore,  
 Jabalpur, Mandla, Seoni, Shahdol  
 1292. *Hypolimnas misippus* (Linn.)  
 Danaid Eggfly Balaghat, Chhindwara, Indore,  
 Hoshangabad, Jabalpur, Jhabua,  
 Mandla, Seoni, Shahdol

## Subfamily LIMENITIDINAE

## Tribe NEPTINI

1293. *Neptis hylas astola* Moore : Common Sailer Balaghat, Chhindwara, Jabalpur,  
 Hoshangabad, Mandla, Shahdol  
 1294. *Neptis jumbah* Moore : Chestnut-Streaked  
 Sailer Balaghat, Hoshangabad, Mandla  
 1295. *Neptis soma* Moore  
 Sullied Sailer Balaghat, Jabalpur, Mandla  
 1296. *Phaedyma collumella* (Cramer)  
 Short Banded Sailer Balaghat, Hoshangabad, Mandla,

## Tribe LIMENITIDINI

1297. *Athyma selenophora* (Kollar)  
 Staff Sergeant Balaghat, Mandla  
 1298. *Athyma perius* (Linn.) : Common Sergeant Chhindwara, Hoshangabad  
 1299. *Moduza procris procris* (Cramer)  
 Commander Balaghat, Mandla

## Tribe EUTHALIINI

1300. *Tanaecia lepidea* (Butler) : Grey Count Balaghat, Mandla  
 1301. *Symphaedra nais* (Forster) : Baronet Balaghat, Chhindwara, Jabalpur,  
 Mandla, Seoni, Shahdol  
 1302. *Euthalia aconthea garuda* (Moore)  
 Common Baron Balaghat, Mandla  
 1303. *Euthalia lubentina* (Cramer) : Gaudy Baron Balaghat, Mandla

## Subfamily CHARAXINAE

## Tribe CHARAXINI

1304. *Polyura athamas* (Drury) :  
 Common Nawab Indore, Khargone  
 1305. *Charaxes bernardus* Fabricius  
 Tawny Rajah Balaghat, Mandla  
 1306. *Charaxes solon* Fabricius : Black Rajah Balaghat, Mandla

## Subfamily ACRAEINAE

1307. *Acraea terpsicore* (Linn) : Tawny Coster Balaghat, Chhindwara, Jabalpur,  
 Hoshangabad, Mandla, Seoni,

## Family RIODINIDAE

## Subfamily RIODININAE

1308. *Abisara echerius suffusa* Moore Balaghat, Hoshangabad, Mandla,  
 Plum Judy Chhindwara

## Family LYCAENIDAE

## Subfamily CURETINAE

1309. *Curetis bulis* Westwood : Bright Sunbeam Hoshangabad  
 1310. *Curetis dentata dentata* Moore  
 Toothed Sunbeam Hoshangabad  
 1311. *Curetis thetis thetis* (Drury)  
 Indian Sunbeam Hoshangabad

## Subfamily POLYOMMATINAE

## Tribe POLYOMMATINI

1312. *Jamides celeno aelianus* (Fabricius)  
 Common Cerulean Balaghat, Hoshangabad, Mandla,  
 1313. *Jamides bochus bochus* (Cramer)  
 Dark Cerulean Khargone  
 1314. *Catochrysops strabo strabo* (Fabricius)  
 Forget-Me-Not Seoni,  
 1315. *Lampides boeticus* (Linn.)  
 Pea Blue Balaghat, Mandla  
 1316. *Leptotes plinius* (Fabricius) : Zebra Blue Balaghat, Mandla

1317. *Castalius rosimon rosimon* (Fabricius)  
Common Pierrot Balaghat, Hoshangabad, Mandla, Seoni
1318. *Tarucus nara* (Kollar)  
Rounded Pierrot Balaghat, Indore, Jabalpur, Mandla
1319. *Zizina otis sangra* (Moore)  
Lesser Grass Blue Indore
1320. *Pseudozizeeria maha* (Kollar)  
Pale Grass Blue Balaghat, Indore, Mandla
1321. *Azanus ubaldus* Stoll : Bright Babul Blue Indore
1322. *Acytolepis lilacea* Hampson  
Hampson's Hedge Blue Hoshangabad
1323. *Acytolepis puspa* Horsfield  
Common Hedge Blue Hoshangabad
1324. *Euchrysops cnejus* (Fabricius) : Gram Blue Balaghat, Indore, Mandla
1325. *Chilades laius laius* (Cramer) : Lime Blue Shahdol
1326. *Chilades parrhasius* (Fabricius)  
Small Cupid Indore
1327. *Chilades pandava* (Horsfield)  
Plains Cupid Seoni
1328. *Freyeria trochilus putli* (Kollar)  
Grass Jewel Shahdol
- Subfamily APHNAEINAE
1329. *Spindasis vulcanus vulcanus* Fabricius  
Common Silverline Balaghat, Mandla
- Subfamily THECLINAE  
Tribe ARHOPALINI
1330. *Narathura amantes* Hewitson  
Large Oakblue Balaghat, Indore, Mandla
1331. *Narathura atrax* Hewitson  
Dark Broken-Band Oakblue Hoshangabad
- Tribe AMBLYPODIINI
1332. *Amblypodia anita* (Hewitson) : Leaf Blue Balaghat, Mandla
1333. *Iraota timoleon timoleon* (Stoll)  
Blue Silver Streak Hoshangabad
- Tribe IOLAINI
1334. *Tajuria cippus* (Fabricius) : Peacock Royal Chindwara, Hoshangabad, Seoni
1335. *Tajuria jehana* Moore : Plains Blue Royal Indore, Khargone

## Tribe DEUDORIGINI

1336. *Virachola isocrates* (Fabricius)  
Common Guava Blue Hoshangabad, Shahdol
1337. *Rapala iarbus* Fabricius : Indian Red Flash Balaghat, Chhindwara, Jhabua, Seoni,  
Hoshangabad, Jabalpur, Mandla

## Suborder GRYPOCERA

## Family HESPERIIDAE

## Subfamily COELIADINAE

1338. *Bibasis sena* Moore : Orange Tailed Awlet Hoshangabad
1339. *Hasora chromus* Cramer  
Common Banded Awl Balaghat, Mandla
1340. *Badamia exclamationis* (Fabricius)  
Brown Awl Shahdol

## Subfamily PYRGINAE

1341. *Celaenorrhinus ambareesa* (Moore)  
Malabar Flat Balaghat, Hoshangabad, Mandla
1342. *Coladenia indrani* (Moore)  
Tricolor Pied Flat Khargone
1343. *Gerosis bhagava* (Moore)  
Common Yellow-breast Flat Hoshangabad
1344. *Odontoptilum ransonnettii* (R. Felder) :  
Golden Angle Shahdol
1345. *Spialia galba* (Fabricius) Indian Skipper Balaghat, Mandla

## Subfamily HESPERIINAE

1346. *Arnetta vindhiana* Moore : Vindhyan Bob Indore
1347. *Telicota ancilla bambusae* (Moore)  
Dark Palm Dart Balaghat, Hoshangabad, Mandla, Seoni
1348. *Pelopidas mathias mathias* (Fabricius)  
Small Branded Swift Balaghat, Hoshangabad, Mandla, Seoni
1349. *Suastus gremius* (Fabricius)  
Indian Palm Bob Balaghat, Mandla
1350. *Borbo cinnara* Walker : Rice Swift Balaghat, Mandla, Seoni
1351. *Borbo bevani* Moore : Bevan's Swift Indore

## Suborder HETEROCERA (Moths)

## Superfamily TINEOIDEA

## Family TINEIDAE

1352. *Tinea subochraceella* Walsingham Indore
1353. *Hapsifera deviella* Walker Indore

## Superfamily COSSOIDEA

## Family COSSIDAE

1354. *Cossus acronyctoides* (Moore) Indore  
 1355. *Cossus cadambae* Moore Indore  
 1356. *Phragmataecia castaneae* Hubner Indore  
 1357. *Xyleutes persona* (Le Guillou) Damoh, Seoni  
 1358. *Xyleutes strix* (Linnaeus) Seoni

## Superfamily PSYCHOIDEA

## Family LIMACODIDAE

1359. *Altha nivea* Walker Indore  
 1360. *Contheyla melanosticta* Hampson Jabalpur  
 1361. *Miresa albipuncta* (Herr-Schaffer) Indore  
 1362. *Natada basalis* Walker Indore  
 1363. *Natada nararia* Moore Indore  
 1364. *Parasa hilaris* (Westwood) Indore  
 1365. *Parasa lipida* (Cramer) Indore  
 1366. *Thosea tripartita* Moore Indore, Jabalpur

## Superfamily TORTRICOIDEA

## Family SIMAETHIDAE

1367. *Phyeodes hirudinicornis* Guen'ee Indore

## Family TORTRICOIDAE

1368. *Dichrorampha subseqana* Walker Indore

## Superfamily PYRALIDOIDEA

## Family PYRALIDAE

1369. *Analyta (Leucinodes) sigulalis* (Guen'ee) Indore  
 1370. *Ancylolomia chrysographella* (Kollar) Narsinghpur, Jabalpur  
 1371. *Ancylolomia responsella* Walker Indore  
 1372. *Antigastra catalaunalis* (Duponchel) Indore  
 1373. *Aganthodes ostentalis* Hubner Damoh  
 1374. *Bocchoris acamasalis* Walker Indore  
 1375. *Botyodes osialis* Guenee Damoh  
 1376. *Charltona cervinella* Moore Indore  
 1377. *Charltona kala* Swinhoe Indore  
 1378. *Charltona ortella* Swinhoe Indore, Jabalpur  
 1379. *Chilo simplex* Butler Indore  
 1380. *Cirrhochrista brizoalis* Walker Seoni  
 1381. *Crambus nigriciliellus* (Zeller) Indore

1382.	<i>Crocidolomia binotalis</i> Zeller	Jabalpur
1383.	<i>Crypsitya coclesalis</i> (Walker)	Jabalpur
1384.	<i>Diaphania bicolor</i> (Swainson)	Seoni
1385.	<i>Diaphania indica</i> (Saunders)	Jabalpur, Indore, Seoni
1386.	<i>Dichocrocis leptalis</i> Hampson	Jabalpur
1387.	<i>Dichocrocis punctiferalis</i> (Gueñee)	Jabalpur
1388.	<i>Dioryctria abeitella</i> Schiff	Jabalpur
1389.	<i>Dioryctria amatella</i> Hulst	Jabalpur
1390.	<i>Dioryctria auranticella</i> Grote	Jabalpur
1391.	<i>Diptychophora griseolalis</i> Hmps. n.	Jabalpur
1392.	<i>Epicrocis aegnusalis</i> (Walker)	Indore
1393.	<i>Epicrocis iversalis</i> Swinhoe	Indore
1394.	<i>Eromene ocella</i> Haw.	Indore
1395.	<i>Euclasta defamatalis</i> Walker	Indore
1396.	<i>Eutactona machaeralis</i> (Walker)	Jabalpur
1397.	<i>Euzophera cedrella</i> Hampson	Jabalpur
1398.	<i>Hymenia recurvalis</i> (Fabricius)	Hoshangabad, Jabalpur, Seoni
1399.	<i>Hypsipyla robusta</i> Moore	Jabalpur
1400.	<i>Hypsopygia mauritialis</i> (Bisduval)	Indore
1401.	<i>Lamprosema charesalis</i> (Walker)	Indore
1402.	<i>Leptoglossus occidentalis</i> Heid.	Jabalpur
1403.	<i>Lepyrodes neptis</i> Cramer	Seoni
1404.	<i>Lygropia obrinusalis</i> Walker	Indore
1405.	<i>Marasmia trapezalis</i> Guen'ee	Indore
1406.	<i>Maruca testulalis</i> Geyer	Seoni
1407.	<i>Microthrix omichleuta</i> Mey.	Jabalpur
1408.	<i>Nacoleia charesalis</i> Walker	Indore
1409.	<i>Nephopteryx rhodobasalis</i> Hampson	Jabalpur
1410.	<i>Nomophila noctuella</i> Schiffermuller	Indore
1411.	<i>Noorda fissalis</i> Swinhoe	Indore
1412.	<i>Noorda moringae</i> Tama.	Jabalpur
1413.	<i>Nymphula affinialis</i> Gueñee	Indore
1415.	<i>Pachyzancla aegrotalis</i> Zeller	Indore
1416.	<i>Pagyda salvalis</i> Walker	Jabalpur
1417.	<i>Patissa virginea</i> Zell.	Jabalpur
1418.	<i>Polyocha aurifuscella</i> Walker	Indore
1419.	<i>Poujadia inficita</i> Walker	Indore
1420.	<i>Psara licarsisalis</i> (Walker)	Indore

1421. *Psara phaeopteralis* (Gueñee) Indore  
 1422. *Psara stultalis* (Walker) Indore  
 1423. *Pygospila tyres* (Cramer) Damoh, Indore, Seoni  
 1424. *Pyrausta bambucivora* Moore Jabalpur  
 1425. *Pyrausta incoloralis* (Guen'ee) Indore  
 1426. *Pyrausta phaenicealis* Hubner Indore  
 1427. *Salebria paurosema* Meyr. Jabalpur  
 1428. *Semeodes cancellalis* (Zeller) Hoshangabad, Jabalpur, Seoni  
 1429. *Scirpophaga bisignata* Swinhoe Indore  
 1430. *Surattha invectalis* Walker Indore  
 1431. *Sylepta arctalis* Gun'ee Indore  
 1432. *Sylepta aurantiacalis* Fisch Indore  
 1433. *Sylepta luctuosalis* Guen'ee Indore  
 1434. *Semeodes cancellalis* Zeller Hoshangabad, Seoni  
 1435. *Syngamia latimarginalis* Walker Seoni  
 1436. *Trachylepidia fructicassiella* Rag. Jabalpur  
 1437. *Tyndis hypotialis* Swinhoe Indore  
 1438. *Tyndis plana* Walker Indore  
 1439. *Tyspanodes linealis* Moore Damoh
- Superfamily BOMBAYCOIDEA  
 Family LASIOCAMPIDAE
1440. *Chilena strigula* Walker Indore  
 1441. *Metanastria hyrtaca* Cram. Indore  
 1442. *Taragama siva* (Lef.) Indore
- Family EUPTEROTIDAE
1443. *Eupterote undata* (Blanch.) Indore, Jabalpur  
 1444. *Ganisa plana* Walker Seoni
- Family SATURNIIDAE
1445. *Actias selene* Hubner Damoh, Seoni  
 1446. *Antheraea paphia* Linnaeus Chhindwara, Seoni
- Family BOMYCIDAE
1447. *Ocinara varians* (Walker) Indore
- Superfamily GEOMETROIDEA  
 Family GEOMETRIDAE
1448. *Acidalia chotaria* Swinhoe Indore  
 1449. *Anonymia grisea* Butler Indore  
 1450. *Antitrygodes cunceilinea* (Walker) Hoshangabad

1451.	<i>Aporandria specularia</i> Gueñee	Seoni
1452.	<i>Biston varianaria</i> Swinhoe	Indore
1453.	<i>Boarmia acaciaria</i> Boisd.	Indore
1454.	<i>Craspedia addictaria</i> Walker	Indore
1455.	<i>Craspedia idearia</i> Swinhoe	Indore
1456.	<i>Craspedia relictata</i> Walker	Indore
1457.	<i>Craspedia remotata</i> (Guen'ee)	Indore
1458.	<i>Dilinia medardaria</i> Herr.-Schiiffer	Indore
1459.	<i>Ephyra invexata</i> Walker	Indore
1460.	<i>Euchloris uvidula</i> Swinhoe	Jabalpur
1461.	<i>Eupithecia rajata</i> Gueñee	Indore
1462.	<i>Hyperythra swinhoei</i> Butler	Jabalpur, Indore
1463.	<i>Hyposidra successaria</i> Walker	Indore
1464.	<i>Hyposidra talaca</i> (Walker)	Damoh, Hoshangabad, Seoni
1465.	<i>Macaria arenaria</i> Swinhoe	Jabalpur
1466.	<i>Macaria fasciata</i> Fabricius	Hoshangabad, Seoni
1467.	<i>Macaria frugaliata</i> Guen'ee	Indore
1468.	<i>Macaria sufflata</i> Guen'ee	Indore
1469.	<i>Nemoria directa</i> Walker	Indore
1470.	<i>Nemoria solidaria</i> Gueñee	Indore
1471.	<i>Plutodes transmutata</i> Walker	Seoni
1472.	<i>Pseudoterpna dispensata</i> Walker	Indore, Jabalpur
1473.	<i>Scopula walkeri</i> (Butler)	Indore
1474.	<i>Sterrha paulula</i> Swinhoe	Indore
1475.	<i>Sterrha sacraria</i> Linnaeus	Indore
1476.	<i>Tephrina disputaria</i> Guen'ee	Indore
1477.	<i>Timandra mundissima</i> Walker	Indore

## Family CYMATOPHORIDAE

1478.	<i>Risoba obstructa</i> Moore	Indore
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## Family URANIIDAE

1479.	<i>Micronia aculeata</i> Gueñee	Damoh, Hoshangabad, Seoni
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## Superfamily SPHINGOIDEA

## Family SPHINGIDAE

1480.	<i>Acherontia lachesis</i> (Fabricius)	Damoh, Indore, Seoni
1481.	<i>Acherontia styx styx</i> Westwood	Damoh, Seoni
1482.	<i>Celerio lineata livrnica</i> Espar	Indore
1483.	<i>Cephonodes hylas hylas</i> Hubner	Indore

1484. *Cephonodes picus* (Cramer) Indore  
 1485. *Clanis phalaris* (Cramer) Indore  
 1486. *Deilephila nerii* (Linnaeus) Hoshangabad, Indore  
 1487. *Gurelca hylas hylas* Walker Indore  
 1488. *Hippotion boerhaviae* (Fabricius) Damoh, Indore, Seoni  
 1489. *Hippotion celerio* Linnaeus Indore  
 1490. *Herse convolvuli convolvuli* (Linnaeus) Jabalpur  
 1491. *Leucophlebia emittens* Walker Indore  
 1492. *Macroglossum gyrans* (Walker) Indore  
 1493. *Marumba dyras dyras* (Walker) Hoshangabad, Seoni  
 1494. *Nephele didyma* (Fabricius) Damoh, Indore, Seoni  
 1495. *Polyptychus dentatus* (Cramer) Indore, Seoni  
 1496. *Psilogramma menephron* (Cramer) Seoni  
 1497. *Theretra alecto alecto* (Linn.) Damoh, Hoshangabad, Indore, Jabalpur  
 1498. *Theretra nessus* (Drury) Jabalpur  
 1499. *Theretra oldenlandiae oldenlandiae*  
 (Fabricius) Damoh, Hoshangabad, Indore  
 1500. *Theretra silhetensis* (Boisduval) Jabalpur

## Family SESIIDAE

1501. *Melittia eurytion* Westwood Seoni

## Superfamily NOCTUOIDEA

## Family NOCTUIDAE

1502. *Acantholipes miser* Butler Indore  
 1503. *Acantholipes circumdatus* Walker Indore  
 1504. *Achaea janata* (Linnaeus) Jabalpur, Seoni  
 1505. *Adisura atkinsoni* Moore Indore  
 1506. *Agrotis biconica* Kollar Indore  
 1507. *Agrotis segatis* (Schiffermuller) Indore  
 1508. *Amyna octa* Guen'ee Indore  
 1509. *Anua tirhaca* (Cramer) Seoni  
 1510. *Argyrothripa occulata* Swinhoe Indore  
 1511. *Artena dotata* Fabricius Damoh  
 1512. *Brevipicten captatus* Butler Hoshangabad  
 1513. *Calloplistria maillardi* Moore Seoni  
 1514. *Callyna costiplaga* Mooore Damoh  
 1515. *Caradrina exigua* (Hubner) Indore  
 1516. *Caradrina furtive* Swinhoe Indore  
 1517. *Caradrina variana* Swinhoe Indore

1518.	<i>Catada suffuscalis</i> Swinhoe	Indore
1519.	<i>Catephina acronyctoides</i> (Guen'ee)	Indore
1520.	<i>Cetola dentata</i> Walker	Indore
1521.	<i>Chariclea aureola</i> (Walker)	Indore
1522.	<i>Chariclea beatrix</i> Moore	Indore
1523.	<i>Chariclea bivittata</i> (Walker)	Indore
1524.	<i>Chariclea lanceolata</i> Walker	Indore, Jabalpur
1525.	<i>Chalciope mygdon</i> (Cramer)	Seoni
1526.	<i>Chrysodeixis eriosoma</i> (Doubleday)	Jabalpur, Seoni
1527.	<i>Echana plicalis</i> Moore	Jabalpur
1528.	<i>Entomogramma tortum</i> Gueñee	Seoni
1529.	<i>Episparia varialis</i> Walker	Indore, Seoni
1530.	<i>Ercheia cyllaria</i> (Cramer)	Indore
1531.	<i>Eublemma pulchra</i> Swinhoe	Indore
1532.	<i>Eublemma roseana</i> Moore	Indore
1533.	<i>Eublemma trifasciata</i> Moore	Indore
1534.	<i>Euclidisema mygdon</i> (Cramer)	Seoni
1535.	<i>Euplexia conducta</i> Walker	Indore
1536.	<i>Glottula dominica</i> Cramer	Indore
1537.	<i>Grammodes geometrica</i> (Fabricius)	Jabalpur
1538.	<i>Heliothis armigera</i> Hubner	Sehore, Jabalpur
1539.	<i>Heliothis peltigera</i> (Schiffermuller)	Indore
1540.	<i>Homaea clathrum</i> Guen'ee	Indore, Chhindwara
1541.	<i>Homoptera glaucinans</i> Guen'ee	Indore
1542.	<i>Homoptera umbriana</i> Guen'ee	Indore
1543.	<i>Hyblaea puera</i> Cramer	Jabalpur, Seoni
1544.	<i>Hyela quadripartia</i> Walker	Indore
1545.	<i>Hyelopsis frausa</i> Swinhoe	Indore
1546.	<i>Hyelopsis herbaria</i> Swinhoe	Indore
1547.	<i>Ischyja manlia</i> Cramer	Seoni
1548.	<i>Labanda semipars</i> Walker	Indore
1549.	<i>Leucania byssima</i> Swinhoe	Indore
1550.	<i>Leucania fragilis</i> Butler	Chhindwara
1551.	<i>Leucania unipucta</i> Haw.	Indore
1552.	<i>Matacrostis acervalis</i> Swinhoe	Indore
1553.	<i>Matacrostis badia</i> Swinhoe	Indore
1554.	<i>Matacrostis quinaria</i> Moore	Indore
1555.	<i>Mocis undata</i> (Fabricius)	Seoni

1556.	<i>Nodaria externalis</i> Guen'ee	Indore.
1557.	<i>Nonagria inferens</i> (Walker)	Indore
1558.	<i>Nonagria pallida</i> Butler	Indore
1559.	<i>Nyctipao hieroglyphica</i> Drury	Seoni
1560.	<i>Nyctipao macrops</i> Linnaeus	Seoni
1561.	<i>Odontodes aleuca</i> Guen'ee	Indore
1562.	<i>Ophideres fullonica</i> Linnaeus	Indore
1563.	<i>Opdideres maternal</i> Linnaeus	Indore, Seoni
1564.	<i>Ophiusa algira</i> (Linn.)	Indore, Seoni
1565.	<i>Ophiusa arctotaenia</i> Guen'ee	Indore
1566.	<i>Ophiusa coronata</i> Fabricius	Damoh, Seoni
1567.	<i>Ophiusa joviana</i> (Cramer)	Chhindwara, Indore
1568.	<i>Ophiusa melicerte</i> Drury	Indore
1569.	<i>Ophiusa triphaenoides</i> Walker	Indore
1570.	<i>Othreis fullonia</i> (Clark)	Damoh
1571.	<i>Percyma cruegeri</i> Butler	Damoh
1572.	<i>Plecoptera reflexa</i> Guen'ee	Indore
1573.	<i>Plusia circumflexa</i> Linnaeus	Indore
1574.	<i>Plusia ni</i> Hubner	Indore
1575.	<i>Plusia orichalcea</i> Fabricius	Chhindwara, Jabalpur
1576.	<i>Polydesma inangulata</i> Guen'ee	Indore
1577.	<i>Polydesma mundata</i> Walker	Indore
1578.	<i>Polydesma umbricola</i> Boisduval	Indore
1579.	<i>Polydesma vetusta</i> Walker	Indore
1580.	<i>Polytela gloriosae</i> Fabricius	Seoni
1581.	<i>Prodenia litura</i> (Fabricius)	Hoshangabad
1582.	<i>Prodenia littoralis</i> Boisduval	Indore
1583.	<i>Pseudocalpe angulifera</i> Moore	Indore
1584.	<i>Psimada quadripennis</i> Walker	Damoh
1585.	<i>Raparna digramma</i> Walker	Indore
1586.	<i>Raparna tantilla</i> Swinhoe	Indore
1587.	<i>Remigia archesia</i> (Cramer)	Indore
1588.	<i>Rhynchina pervulgaris</i> Swinhoe	Indore
1589.	<i>Selepa inara</i> Cramer	Seoni
1590.	<i>Serrododes inara</i> Cramer	Seoni
1591.	<i>Sphingomorpha chlorea</i> (Cramer)	Narsinghpur
1592.	<i>Spirama retorta</i> Cramer	Seoni
1593.	<i>Spodoptera mauritia</i> (Boisduval)	Indore

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|-----------------------|--|------------------|
| 1594.                 | <i>Tarache crocata</i> (Guen'ee)       | Indore           |
| 1595.                 | <i>Tarache imbuta</i> Walker           | Indore           |
| 1596.                 | <i>Tarache olivea</i> Guen'ee          | Indore           |
| 1597.                 | <i>Thermesia rubricans</i> Boisduval   | Jabalpur, Seoni  |
| 1598.                 | <i>Trigonodes hyppasia</i> Cramer      | Seoni            |
| 1599.                 | <i>Trisula variegata</i> Moore         | Seoni            |
| 1600.                 | <i>Westermannia argentea</i> Hampson   | Seoni            |
| 1601.                 | <i>Xanthoptera excisz</i> Swinhoe      | Indore           |
| 1602.                 | <i>Xanthoptera nigripalpis</i> Walker  | Indore           |
| 1603.                 | <i>Xanthoptera veprecola</i> Swinhoe   | Indore           |
| Subfamily HADENINAE   |  |                  |
| 1604.                 | <i>Pseudaletia separata</i> (Walker)   | Indore, Jabalpur |
| Subfamily ACONTIANAE  |  |                  |
| 1605.                 | <i>Acontia transversa</i> Gueñee       | Seoni            |
| Subfamily CATOCALINAE |  |                  |
| 1606.                 | <i>Altha nivea</i> Walker              | Indore           |
| 1607.                 | <i>Episteme adulatrix</i> (Kollar)     | Indore           |
| 1608.                 | <i>Pericyma umbrina</i> (Guenee)       | Jabalpur         |
| Family AMATIDAE       |  |                  |
| 1609.                 | <i>Amata cyssea</i> (Cramer)           | Indore           |
| 1610.                 | <i>Syntomis confines</i> (Walker)      | Indore           |
| Family LYMANTRIIDAE   |  |                  |
| 1611.                 | <i>Dasychira mendosa</i> Hubner        | Indore           |
| 1612.                 | <i>Euproctis lunata</i> Walker         | Indore           |
| 1613.                 | <i>Laelia testacea</i> (Walker)        | Indore           |
| 1614.                 | <i>Lymantria incerta</i> (Walker)      | Indore           |
| 1615.                 | <i>Lymantria semicincta</i> (walker)   | Balaghat         |
| 1617.                 | <i>Lymantria serva</i> (Fabricius)     | Indore           |
| 1618.                 | <i>Perina nuda</i> (Fabricius)         | Indore           |
| 1619.                 | <i>Porthesea xanthorrhoea</i> (Kollar) | Indore           |
| 1620.                 | <i>Thiacidas postica</i> Walker        | Jabalpur         |
| Family NOTODONTIDAE   |  |                  |
| 1621.                 | <i>Allata argentifera</i> Walker       | Seoni            |
| 1622.                 | <i>Antheua servula</i> (Drury)         | Damoh, Indore    |
| 1623.                 | <i>Cerura liturata</i> Walker          | Damoh, Seoni     |
| 1624.                 | <i>Cetola dentata</i> Walker           | Indore           |
| 1625.                 | <i>Ichthyura restitura</i> Walker      | Indore           |

1626. *Oraesia emarginata* (Fabricius) Indore  
 1627. *Phalera raya* Moore Hoshangabad, Seoni  
 1628. *Pydna galbana* (Swinhoe) Indore
- Family AGARISTIDAE
1629. *Eusemia adulatrix* (Kollar) Indore  
 1630. *Zalissa transsiens* (Walker) Damoh, Seoni  
 1631. *Mimeusemia* sp. Seoni  
 1632. *Sarbanissa transiens* (Walker) Seoni
- Family HYPSIIDAE
1633. *Asota caricae* (Fabricius) Seoni
- Family ARCTIIDAE
1634. *Aemene tenebrosa* Moore Indore  
 1635. *Amsacta lineola* (Fabricius) Jabalpur  
 1636. *Argina astraea* (Drury) Indore, Seoni  
 1637. *Cretonotus emittens* Walker Indore  
 1638. *Cretonotus gangis* (Linn.) Chhindwara, Hoshangabad, Indore  
 1639. *Cretonotus lactineus* Cramer Seoni  
 1640. *Cretonotus interrupta* Gmel. Indore  
 1641. *Cretonotus lineola* Fabricius Jabalpur  
 1642. *Estigmene perrotteti* (Guen'ee) Jabalpur  
 1643. *Phissama transiens* (Walker) Hoshangabad  
 1644. *Utethesia pulchelloides* Hampson Hoshangabad, Indore, Seoni  
 1645. *Utetheisa pulchella* (Linnaeus) Seoni
- Order TRICHOPTERA (Caddisflies)  
 Superfamily HYDROPSYCHOIDEA  
 Family HYDROPSYCHIDAE  
 Subfamily HYDROPSYCHINAE
1646. *Cheumatopsyche columnata* Martynov Shahdol  
 1647. *Cheumatopsyche curvata* Martynov Shahdol  
 1648. *Hydropsyche ulmeri* (Martynov) Shahdol
- Subfamily MACRONEMATINAE  
 Tribe MACRONEMATINI
1649. *Amphipsyche distincta* Martynov Mandla  
 1650. *Oestropsyche vitrina* (Hagen) Shahdol

- Superfamily HYDROPTILOIDEA  
Family HYDROPTILIDAE  
Subfamily HYDROPTILINAE
1651. *Hydroptila furcata* (Martynov) Shahdol  
1652. *Oxyethira angustella* Martynov Shahdol  
1653. *Oxyethira ramosa* Martynov Shahdol
- Subfamily ORTHOTRICHINAE
1654. *Orthotrichia extensa* Martynov Shahdol
- Superfamily PHILOPOTAMOIDEA  
Family STENOPSYCHIDAE  
Subfamily STENOPSYCHINAE
1655. *Stenopsyche furcatula* Martynov Hoshangabad
- Superfamily LEPTOCEROIDEA  
Family MOLANNIDAE
1656. *Molanna paramoesta* Wiggins Shahdol
- Family LEPTOCERIDAE  
Subfamily LEPTOCERINAE  
Tribe ATHRIPSODINI
1657. *Ceraclea martynovi* (Forsslund)  
Tribe LEPTOCERINI
1658. *Leptocerus bosei* Kimmins Shahdol  
1659. *Leptocerus mahasena* (Schmid) Shahdol
- Tribe OECETINI
1660. *Oecetis scutulata* Martynov Shahdol  
1661. *Oecetis tenuis* (Martynov) Shahdol  
1662. *Ceraclea martynovi* (Forsslund) Shahdol
- Tribe SETODINI
1663. *Setodes lineatus* Banks Shahdol  
1664. *Setodes sternalis* Martynov Shahdol  
1665. *Setodes tejasvin* Schmid Shahdol  
1666. *Setodes tenuifalcatus* Martynov Shahdol  
1667. *Trichosetodes angustipennis* (Mart.) Shahdol  
1668. *Trichosetodes atisukchma* Schmid Shahdol
- Order HYMENOPTERA  
Superfamily APOIDEA  
Family APIDAE
1669. *Apis cerana indica* Fab. Jabalpur  
1670. *Megapis dorsata* (Fabr.) Jabalpur

1671. *Micrapis florea* (FABR.) Jabalpur  
 1672. *Xylocopa aestuans* (Linn.) Jabalpur  
 1673. *Xylocopa fenestrata* (Fabr.) Jabalpur  
 1674. *Xylocopa latipes* (Drury) Jabalpur  
 Family COLLETIDAE  
 1675. *Colletus dudgeoni* (Bingh.) Jabalpur  
 Family SPHECIDAE  
 1676. *Sphex splendidus* (Fabr.) Jabalpur  
 Superfamily VESPOIDEA  
 Family MUTILIDAE  
 1677. *Mutilla niveosignata* Bingham Hoshangabad  
 1678. *Mutilla sexmaculata* Swed. Jabalpur  
 Family POMPILIDAE  
 1679. *Pomohilus analis* (Fabr.) Jabalpur  
 Family FORMICIDAE  
 1680. *Aenictus ambiguus* Shuckard Jabalpur  
 1681. *Aphaenogaster rothneyi* (Forel) Hoshangabad  
 1682. *Aphaenogaster schurri* (Forel) Hoshangabad  
 1683. *Camponotus mitis* (Smith) Mandla  
 1684. *Camponotus compressus* (Fabricius) Jabalpur  
 1685. *Dorylus orientalis* Westwood Jabalpur  
 1686. *Formica fusca* (Linnaeus) Hoshangabad  
 1687. *Leptothorax rothneyi* Forel Hoshangabad  
 1688. *Leptothorax schurri* Forel Hoshangabad  
 1689. *Lobopelta ocellifera* (Roger) Jabalpur, Mandla  
 1690. *Monomorium aberrans* Forel Hoshangabad  
 1691. *Myrmica inezae* (Forel) Hoshangabad  
 1692. *Oecophylla smaragdina* (Fabricius) Part of basin  
 Family SCOLIIDAE  
 1693. *Campsomeris collaris* (F.) Jabalpur  
 1694. *Scelia quadriputulata* (Smith) Entire basin  
 Family VESPIDAE  
 1695. *Ropalidia ferraginea* (F.) Jabalpur  
 1696. *Ropalidia marginata* (Lep.) Jabalpur  
 1697. *Polistes hebraceus* (Sauss.) Jabalpur  
 1698. *Vespa auraria* (Smith) Jabalpur  
 1699. *Vespa orientalis* (Linn.) Jabalpur

## Family ICHNEUMONIDAE

1700. *Campoletis chlorideae* Uchida Jabalpur  
 1701. *Henicospilus atricornis* (Mort.) Balaghat  
 1702. *Henicospilus merdarius* (Grav.) Hoshangabad, Balaghat  
 1703. *Henicospilus flavicaput* (Morley) Jabalpur  
 1704. *Nototrachys foliator* (Fabricius) Hoshangabad  
 1705. *Pristmerus microdon* Cushman Hoshangabad  
 1706. *Pristomeridia secunda* Morley Sagar  
 1707. *Xanthopimpla punctata* (Fabricius) Betul

## Family CHALCIDIDAE

1708. *Epitranus sontakayi* (Mani & Kurin) Betul

## Family ENCYRTIDAE

1709. *Aenasius bambawalei* Hayat Jabalpur  
 1710. *Cheiloneurus fusciscapus* Agarwal Hoshangabad

## Family PERILAMPIDAE

1711. *Perilampus microgastris* Ferriere Hoshangabad

## Family TETRASTICHIDAE

1712. *Tetrastichus satpurensis* (Saraswat) Hoshangabad  
 1713. *Tetrastichus coccinella* (Kurdy) Jabalpur

## Family PTEROMALIDAE

1714. *Sphegigaster systasis dasyneurae* Mani Jabalpur

## Family SCELIONIDAE

1715. *Baryconus diversus* (Saraswat) Hoshangabad

## Phylum MOLLUSCA

## Class GASTROPODA

## Subclass PROSOBRANCHIA

## Order MESOGASTROPODA

## Superfamily VIVIPAROIDEA

## Family VIVIPARIDAE (Pond snails)

## Subfamily BELLAMYINAE

1716. *Bellamyia bengalensis* (Lamarck) Jabalpur, Seoni  
 1717. *Bellamyia variatus* (Fraeunfeld) Hoshangabad, Jabalpur, Seoni

## Family AMPULLARIDAE

1718. *Pila globosa* (Swainson) Hoshangabad, Jabalpur  
 1719. *Pila virens* (Lamarck) Jabalpur, Mandla

- Family BITHYNIIDAE
1720. *Gabbia orcula* Frauenfeld Mandla
- Family THIARIDAE  
Subfamily THIARIINAE
1721. *Thiara (Thiara) scabra* (Muller) Jabalpur
1722. *Melanoides tuberculata* (Mueller) Hoshangabad, seoni, Jabalpur, Mandla
1723. *Tarebia lineata* (Gray) Jabalpur, Mandla
- Subclass PULMONATA  
Order BASOMMATOPHORA  
Family LYMNAEIDAE
1724. *Lymnaea (Pseudosuccinea) acuminata*  
Lamarck Jabalpur, Mandla, Balaghat
1725. *Lymnaea (Pseudosuccinea) luteola*  
Lamarck Balaghat, Hoshangabad, Jabalpur,  
Mandla
- Family BULLINIDAE  
Subfamily BULININAE
1726. *Indoplanorbis exustus* (Deshayes) Balaghat, Jabalpur, Mandla
- Order STYLOMMATOPHORA  
Family PUPILLIDAE  
Subfamily PUPILLINAE
1727. *Pupilla diopsis* Benson Entire Basin
- Family ACHATINIDAE  
Subfamily ACHATININAE
1728. *Achatina fulica* (Ferussec) Balaghat
- Family VERTIGINIDAE  
Subfamily TRUNCATELLININAE
1729. *Boysia boysi* Pfeiffer Entire Basin
- Subfamily GASTROCOPTINAE
1730. *Gastrocopta bathyodon* Benson Hoshangabad
- Family CERASTUIDAE
1731. *Rachis punctatus* (Anton) Jabalpur, Seoni
1732. *Rachis bengalensis* Lamarck Jabalpur
- Family SUBULINIDAE  
Subfamily SUBULININAE
1733. *Subulina octona* (Bruguiere) Jabalpur
1734. *Glessula paupercula* (Blanford) Jabalpur



Phylum BRYOZOA (ECTOPROCTA)

Class PHYLACTOLAEMATA

Order PLUMATELLIDA

Family PLUMATELLIDAE

1755. *Hyalinella punctata* (Hancock) Indore

1756. *Plumatella emarginata* (Allman) Indore

1757. *Plumatella javanica* Kraepelin Indore

Phylum CHORDATA

Class PISCES

Subclass TELEOSTOMI

Cohort TAENIOPAEDIA

Superorder ELOPOMORPHA

Order ANGUILLIFORMES

Family ANGUILLIDAE

1758. *Anguilla bengalensis bengalensis* (Gray & Hardwicke) Hoshangabad, Shahdol, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur

Indian Long-finned eel, Fresh water eel,

Indian mottled eel

Family SYNGNATHIDAE

1759. *Microphis cuncalus* (Hamilton-Buchanan)

Crocodile-tooth pipefish

Khandwa, Barwani, Khargone, Betul

Superorder CLUPEOMORPHA

Order CLUPEIFORMES

Family CLUPEIDAE

Subfamily ALOSINAE

1760. *Gudusia chapra* (Hamilton-Buchanan)

Ganges shad, Doodia

Shahdol, Indore

1761. *Tenualosa ilisha* (Hamilton-Buchanan)

Indian shad

Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur, Hoshangabad, Indore, Betul

Subfamily DOROSOMATINAE

1762. *Goniolosa manmina* (Hamilton-Buchanan)

Ganges river gizzard shad

Hoshangabad, Shahdol Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur

Cohort ARCHAEOPHYLACES

Superorder OSTEGLLOSSOMORPHA

Order OSTEGLLOSSIFORMES

Family NOTOPTERIDAE

1763. *Chitala chitala* (Hamilton-Buchanan)

Clown knifefish, Chital, Moy, Chilul

Jabalpur, Shahdol, Khandwa, Barwani, Khargone, Indore

1764. *Notopterus notopterus* (Pallas)  
Feather back, Patola, Pulli, Chambaree  
Hoshangabad, Khandwa, Khargone,  
Raisen, Sagar, Dindori, Dewas, Barwani,  
Mandla, Narsinghpur, Jabalpur, Indore,  
Shahdol, Betul

Cohart EUTELEOSTEI  
Superorder OSTARIOPHYSI  
Order CYPRINIFORMES  
Family CYPRINIDAE  
Subfamily CULTRINAE

1765. *Chela (Chela) laubuca* (Hamilton-  
Buchanan) : Winged rasbora, Chiluwa  
Betul, Raisen, Shahdol, Khargone,  
Dindori, Dewas, Barwani, Mandla,  
Narsinghpur, Jabalpur, Hoshangabad,  
Indore, Khandwa
1766. *Chela (Chela) cachijs* (Hamilton-  
Buchanan) : Chela  
Jabalpur, Narsinghpur, Raisen, Shahdol
1767. *Chela (Neochela) dadyburjori* Menon  
Dadio  
Narsinghpur, Raisen
1768. *Securicula gora* (Hamilton-Buchanan)  
Gora-chela  
Shahdol, Indore, Dindori, Dewas,  
Barwani, Mandla, Narsinghpur, Jabalpur,  
Hoshangabad
1769. *Salmostoma bacaila* (Hamilton-Buchanan)  
Large razorbelly minnow, Chal, Chelliah  
Betul, Hoshangabad, Jabalpur, Sagar,  
Khandwa, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Indore,  
Shahdol
1770. *Salmophasia balookee* (Sykes)  
Bloch razorbelly minnow, Roopchal, Alkut  
Betul, Hoshangabad, Jabalpur, Sagar,  
Shahdol, Khandwa, Barwani, Khargone,  
Dindori, Dewas, Mandla, Narsinghpur,  
Indore
1771. *Salmostoma acinaces* (Valenciennes)  
Silver razorbelly minnow  
Damoh
1772. *Salmostoma boopsis* (Day)  
Boopis razorbelly minnow  
Shahdol
1773. *Salmostoma phulophulo* (Hamilton-  
Buchanan) : Finescale razorbelly minnow  
Betul, Khandwa

Subfamily HYPOPTHALMICHTHYINAE

1774. *Hypophthalmichthys molitrix*  
(Valenciennes) : Silver Carp  
Hoshangabad, Dindori, Dewas, Barwani  
Mandla, Narsinghpur, Jabalpur
1775. *Aristichthys nobilis* (Richardson)  
Big head carp  
Jabalpur

## Subfamily RASBORINAE

1776. *Esomus danricus* (Hamilton-Buchanan)  
Flying barb  
Chhindwara, Khandwa, Raisen, Shahdol, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur, Betul, Indore, Hoshangabad
1777. *Danio aequipinnatus* (Mc Clelland)  
Giant danio  
Raisen, Sagar, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur, Betul Hoshangabad
1778. *Devario devario* (Hamilton-Buchanan)  
Danio  
Betul, Chhindwara, Jabalpur, Mandla, Narsinghpur, Raisen, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Hoshangabad, Indore
1779. *Danio malabaricus* (Jerdon)  
Giant danio  
Sagar
1780. *Danio rerio* (Hamilton-Buchanan)  
Zebra danio  
Chhindwara, Hoshangabad, Jabalpur, Mandla, Raisen, Shahdol, Khargone, Dindori, Dewas, Barwani, Narsinghpur, Indore, Betul, Khandwa
1781. *Rasbora daniconius daniconius* (Hamilton-Buchanan) Common rasbora, Slender rasbora, Injira, Jhanjhara, Khouli, Dundi  
Betul, Chhindwara, Damoh, Indore, Sagar, Mandla, Shahdol, Khandwa, Khargone, Dindori, Dewas, Barwani, Narsinghpur, Jabalpur, Hoshangabad
1782. *Rasbora rasbora* (Hamilton-Buchanan)  
Gangetic scissortail rasbora  
Jabalpur
1783. *Aspidoparia jaya* (Hamilton-Buchanan)  
Jaya  
Narsinghpur
1784. *Aspidoparia morar* (Hamilton-Buchanan)  
Aspidoparia, Chilwa, Gulthi  
Jabalpur, Shahdol, Indore
1785. *Amblypharyngodon mola* (Hamilton-Buchanan) : Mola  
Hoshangabad, Jabalpur, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Indore, Betul
1786. *Amblypharyngodon melettinus* (Valenciennes) : Attentive carplet  
Jabalpur, Mandla, Narsinghpur
1787. *Barilius barila* (Hamilton-Buchanan)  
Barred baril  
Chhindwara, Shahdol, Khargone, Dindori, Dewas, Barwani, Mandla, Indore, Jabalpur, Narsinghpur, Hoshangabad, Betul, Khandwa
1788. *Barilius barna* (Hamilton-Buchanan)  
Barna baril, Galar  
Chhindwara, Narsinghpur, Sagar, Shahdol

1789. *Barilius bendelisis bendelisis* : (Hamilton-Buchanan) Hill trout, Johra  
Hoshangabad, Betul, Chhindwara, Jabalpur, Mandla, Narsinghpur, Sagar, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Indore
1790. *Barilius evezardi* Day Day's baril  
Hoshangabad, Jabalpur, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Betul
1791. *Barilius radiolatus* Gunther  
Gunther's baril  
Hoshangabad, Khandwa, Khargone, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur
1792. *Barilius shacra* (Hamilton-Buchanan)  
Sachra baril  
Hoshangabad, Jabalpur, Shahdol
1793. *Barilius vagra* (Hamilton-Buchanan)  
Vagra brail  
Hoshangabad, Jabalpur, Shahdol, Dewas, Dindori, Barwani, Mandla, Narsinghpur
1794. *Raiamas bola* (Hamilton-Buchanan)  
Trout barb, Indian trout, Galar  
Shahdol, Indore
1795. *Cyprinus carpio carpio* Linnaeus  
Common Carp  
Hoshangabad, Indore, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur
1796. *Oreochthys cosuatis* (Hamilton-Buchanan)  
Khavli  
Hoshangabad, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur
1797. *Parapsilorhynchus tentaculatus*  
(Annandale) : Khandalla minnow  
Hoshangabad, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Jabalpur
1798. *Puntius amphibious* (Valenciennes)  
Scarlet banded barbs, Chaptara  
Hoshangabad, Chhindwara, Raisen, Sagar, Shahdol, Khandwa, Khargone, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur,
1799. *Puntius arenatus* Day  
Khandwa
1800. *Puntius chola* (Hamilton-Buchanan)  
Green barb, Swamp barb, Durhi  
Hoshangabad, Jabalpur, Raisen, Sagar, Shahdol, Khandwa, Barwani, Khargone,
1801. *Puntius conchoniis* (Hamilton-Buchanan)  
Stigma barb, Rosy barb  
Hoshangabad, Jabalpur, Betul, Raisen, Chhindwara, Narsinghpur, Sagar, Dewas, Shahdol, Khandwa, Barwani, Khargone, Dindori, Mandla, Indore
1802. *Puntius dorsalis* (Jerdon)  
Long snouted barb  
Hoshangabad, Jabalpur, Narsinghpur, Khandwa, Khargone, Dindori, Dewas, Barwani, Mandla
1803. *Puntius gelius* (Hamilton-Buchanan)  
Golden barb  
Jabalpur, Sagar, Tikamgarh

1804. *Puntius guganio* (Hamilton-Buchanan)  
Glass-barb  
Hoshangabad, Raisen, Khandwa,  
Khargone, Dindori, Dewas, Barwani,  
Mandla, Narsinghpur, Jabalpur
1805. *Puntius mahecola* (Valenciennes)  
Blackspot barb  
Jabalpur
1806. *Puntius phutunio* (Hamilton-Buchanan)  
Parrah barb  
Indore
1807. *Puntius punjabensis* (Day)  
Chhindwara, Jabalpur
1808. *Puntius sarana* (Hamilton-Buchanan)  
Olive barb, Peninsular olive barb, Dhodhara,  
Serni, Puthya, Potiah, Karwari  
Hoshangabad, Indore, Betul, Jabalpur,  
Raisen, Sagar, Shahdol, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur
1809. *Puntius sophore* (Hamilton-Buchanan)  
Pool barb, Stigma barb, Karwari  
Hoshangabad, Mandla, Jabalpur,  
Khandwa, Narsinghpur, Shahdol, Sagar,  
Dindori, Dewas, Barwani, Indore, Betul
1810. *Puntius ticto* (Hamilton-Buchanan)  
Ticto barb, Fine fin barb, Puthya, Potiah  
Indore, Betul, Chhindwara, Jabalpur,  
Hoshangabad, Narsinghpur Shahdol,  
Khandwa, Sagar, Tikamgarh, Barwani,  
Khargone, Dindori, Dewas, Mandla
1811. *Puntius waagenii* (Day)  
Jabalpur, Mandla
1812. *Hypselobarbus curmuca* (Hamilton-  
Buchanan)  
Hoshangabad, Jabalpur
1813. *Hypselobarbus jerdoni* (Day)  
Jerdon's carp  
Indore
1814. *Osteobrama cotio cotio* (Hamilton-  
Buchanan) Cotio, Gudgudi, Koti, Muchnee  
Hoshangabad, Indore, Jabalpur, Shahdol,  
Narsinghpur, Sagar, Khandwa, Barwani,  
Khargone, Dindori, Dewas, Mandla,  
Betul
1815. *Osteobrama vigorsii* (Sykes)  
Deccan cotio  
Jabalpur
1816. *Labeo angra* (Hamilton-Buchanan)  
Sagar
1817. *Labeo ariza* (Hamilton-Buchanan)  
Ariza labeo, Reba, Reba carp, Rekhara  
Hoshangabad, Jabalpur, Sagar, Shahdol,  
Khandwa, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Betul
1818. *Labeo bata* (Hamilton-Buchanan)  
Bata  
Hoshangabad, Jabalpur, Shahdol,  
Mandla, Khandwa, Barwani, Khargone,  
Dindori, Dewas, Narsinghpur, Betul
1819. *Labeo boga* (Hamilton-Buchanan)  
Burmese fish, Jamuna fish  
Jabalpur, Shahdol, Indore

1820. *Labeo boggut* (Sykes)  
Boggut labeo, Boga, Goharia  
Hoshangabad, Jabalpur, Sagar, Shahdol,  
Khandwa, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Betul
1821. *Labeo calbasu* (Hamilton-Buchanan)  
Calbasu, Orange fin labeo, Kalot  
Hoshangabad, Indore, Betul, Jabalpur,  
Sagar, Shahdol, Khandwa, Barwani,  
Khargone, Dindori, Dewas, Mandla,  
Narsinghpur
1822. *Labeo dussumieri* (Valenciennes)  
Common labeo  
Indore
1823. *Labeo dyocheilus* (McClelland)  
Hoshangabad, Shahdol, Khandwa,  
Khargone, Dindori, Dewas, Barwani,  
Sandla, Betul, Narsinghpur, Jabalpur,  
Indore
1824. *Labeo fimbriatus* (Bloch)  
Fringed-lipped peninsula carp  
Hoshangabad, Jabalpur, Shahdol,  
Khandwa, Khargone, Dindori, Dewas,  
Barwani, Mandla, Narsinghpur, Betul
1825. *Labeo gonius* (Hamilton-Buchanan)  
Kuria labeo, Kursu, Kurchia  
Hoshangabad, Indore, Jabalpur, Shahdol,  
Narsinghpur, Khandwa, Barwani,  
Khargone, Dindori, Dewas, Mandla
1826. *Labeo pangusia* (Hamilton-Buchanan)  
Hoshangabad, Dindori, Dewas, Barwani,  
Mandla, Narsinghpur, Jabalpur, Shahdol
1827. *Labeo rohita* (Hamilton-Buchanan)  
Rohu  
Hoshangabad, Indore, Jabalpur, Sagar,  
Shahdol, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Betul,  
Khandwa
1828. *Schismatorhynchus(Labeo) nukta* (Sykes)  
Nukta, Mukarti  
Jabalpur, Sagar
1829. *Sinilabeo dero* (Hamilton-Buchanan)  
Chilwa  
Jabalpur, Shahdol, Indore
1830. *Tor khudree* (Sykes) : Deccan mahseer  
Hoshangabad, Shahdol, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur, Jabalpur,
1831. *Tor putitora* (Hamilton-Buchanan)  
Putitora mahseer  
Hoshangabad, Jabalpur, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur
1832. *Tor tor* (Hamilton-Buchanan)  
Tor Mahseer  
Hoshangabad, Betul, Jabalpur, Indore,  
Mandla, Shahdol, Khandwa, Barwani,  
Khargone, Dindori, Narsinghpur, Dindori,  
Dewas, Mandla
1833. *Cirrhinus cirrhosus* (Bloch)  
Mrigal, Nain, Naraen  
Hoshangabad, Indore, Jabalpur, Shahdol,  
Khandwa, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Betul

1834. *Catla catla* (Hamilton-Buchanan)  
Catla, Bhakur  
Hoshangabad, Indore, Jabalpur, Sagar,  
Shahdol Khandwa, Barwani, Khargone,  
Dindori, Dewas, Mandla, Narsinghpur,  
Betul
1835. *Chagunius chagunio* (Hamilton-Buchanan)  
Chaguni  
Hoshangabad, Shahdol
- Subfamily GARRINAE
1836. *Crossocheilus latius latius* (Hamilton-  
Buchanan) Gangatic latia  
Hoshangabad, Jabalpur, Shahdol, Betul,  
Khandwa, Barwani, hargone, Dindori,  
Dewas, Mandla, Narsinghpur, Indore
1837. *Garra gotyla gotyla* (Gray)  
Sucker head, Gadhera, Pathorchata  
Hoshangabad, Indore, Jabalpur, Raisen,  
Shahdol, Khandwa, Barwani, Khargone,  
Dindori, Dewas, Mandla, Narsinghpur
1838. *Garra lamta* (Hamilton-Buchanan)  
Lamta garra, Gadhera, Patharchata  
Hoshangabad, Chhindwara, Indore,  
Jabalpur, Sagar, Shahdol, Khandwa,  
Barwani, Dewas, Khargone, Dindori,  
Mandla, Narsinghpur
1839. *Garra mullya* (Sykes)  
Mullya garra  
Jabalpur, Hoshangabad, Indore,  
Khandwa, Barwani, Khargone, Dindori,  
Dewas, Mandla, Narsinghpur, Shahdol,  
Betul

## Family HOMALOPTERIDAE

## Subfamily NOEMACHEILINAE

1840. *Acanthocobitis botia* (Hamilton-Buchanan)  
Murangi, Gadera, Molted loach, Teli-murra  
Hoshangabad, Indore, Jabalpur, Mandla,  
Sagar, Khandwa, Shahdol, Barwani, Betul  
Khargone, Dindori, Dewas, Narsinghpur,
1841. *Indoreonectes evezardi* Day  
Hypogen loach  
Hoshangabad, Indore, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Betul, Narsinghpur, Jabalpur
1842. *Longischistura striata* Day  
Jabalpur, Narsinghpur
1843. *Noemacheilus anguilla* Annandale  
Chikli, Murangi  
Chhindwara
1844. *Noemacheilus multifasciata* Day  
Jabalpur
1845. *Nemacheilus sikmaiensis* Hora  
Mandla, Hoshangabad
1846. *Schistura scaturigina* (McClelland)  
Jabalpur, Shahdol
1847. *Schistura savona* (Hamilton-Buchanan)  
Jabalpur
1848. *Schistura dayi* Hora  
Hoshangabad, Mandla, Seoni, Shahdol,  
Barwani, Khargone, Dindori, Dewas,  
Narsinghpur, Jabalpur, Betul, Khandwa

1849. *Schistura denisonii* Day Jabalpur, Hoshangabad, Khandwa, Sagar, Indore, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur
1850. *Schistura beavani* Gunther  
Creek loach Hoshangabad, Chhindwara, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur, Indore, Shahdol

## Subfamily COBITINAE

1851. *Lepidocephalichthys guntea* (Hamilton-Buchanan) Gur-gutchi Hoshangabad, Betul, Mandla, Jabalpur, Chhindwara, Narsinghpur, Raisen, Sagar, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Indore
1852. *Lepidocephalus thermalis* (Valenciennes)  
Common spiny loach Indore, Jabalpur
1853. *Lepidocephalichthys berdmorei* (Blyth)  
Burmese loach Jabalpur
1854. *Pangio pangia* (Hamilton-Buchanan) Shahdol

## Order SILURIFORMES

## Family BAGRIDAE

1855. *Rita gogra* (Sykes) Gogra rita, Ghagra Hoshangabad, Jabalpur, Sagar, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur
1856. *Rita kuturnee* (Sykes) Deccan rita Hoshangabad
1857. *Rita rita* (Hamilton-Buchanan)  
Rita, Ghoghrya, Gagara Hoshangabad, Jabalpur, Khandwa, Shahdol, Barwani, Khargone, Indore
1858. *Mystus bleekeri* (Day)  
Day's mystus, Kander, Tengra, Kitua Hoshangabad, Betul, Jabalpur, Khandwa, Sagar, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Indore
1859. *Mystus cavasius* (Hamilton-Buchanan)  
Gangetic mystus, Cutta vellai, Keletee Dwarf cat fish, Katerna Hoshangabad, Betul, Jabalpur, Indore, Khandwa, Sagar, Shahdol, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur
1860. *Mystus montanus* (Jerdon)  
Wynaad mystus Hoshangabad
1861. *Mystus vittatus* (Bloch)  
Striped dwarf catfish, Chittu, Tengana Hoshangabad, Jabalpur, Raisen, Sagar, Seoni, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla, Narsinghpur, Indore
1862. *Mystus tengara* (Hamilton-Buchanan)  
Tengra mystus Hoshangabad, Khandwa, Barwani, Khargone

1863. *Sperata aor* (Hamilton-Buchanan)  
Long whiskered cat-fish, tengana  
Hoshangabad, Jabalpur, Shahdol,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur, Indore, Betul,  
Khandwa
1864. *Sperata seenghala*(Sykes)  
Giant river cat-fish, Seenghad, Singhara  
Hoshangabad, Indore, Jabalpur, Shahdol,  
Khandwa, Sagar, Barwani, Khargone,  
Dindori, Dewas, Mandla, Narsinghpur,  
Betul

## Family SILURIDAE

1865. *Ompok bimaculatus* (Bloch)  
Butter catfish, Pufta, Gugli  
Hoshangabad, Betul, Jabalpur, Seoni  
Sagar, Shahdol, Khandwa, Barwani,  
Khargone, Dindori, Dewas, Mandla,  
Narsinghpur, Indore
1866. *Ompok pabda* (Hamilton-Buchanan)  
Pabdah catfish, Butter catfish  
Hoshangabad, Jabalpur, Raisen, Dindori,  
Dewas, Barwani, Mandla, Narsinghpur
1867. *Wallago attu* (Bloch & Schneider)  
Parhin, Wallogo, Baalae, Fresh water shark,  
Padan, Boyari  
Hoshangabad, Betul, Jabalpur, Shahdol,  
Narsinghpur, Sagar, Khandwa, Barwani,  
Khargone, Dindori, Dewas, Mandla,  
Indore

## Family SCHILBEIDAE

## Subfamily AILINAE

1868. *Ailia coila* (Hamilton-Buchanan) Ailia  
Shahdol

## Subfamily SCHILBEINAE

1869. *Clupisoma bastari* Datta & Karmakar  
Khandwa, Barwani, Khargone
1870. *Clupisoma garua* (Hamilton-Buchanan)  
Hoshangabad, Jabalpur, Indore, Shahdol,  
Khandwa, Sagar, Dindori, Dewas,  
Barwani, Mandla, Narsinghpur, Betul
1871. *Clupisoma montana* Hora  
Shahdol
1872. *Eutropiichthys vacha* (Hamilton-Buchanan)  
Batchua  
Jabalpur, Sagar, Shahdol, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur, Hoshangabad,  
Indore
1873. *Eutropiichthys murius* (Hamilton-Buchanan)  
Shahdol
1874. *Silonia silondia* (Hamilton-Buchanan)  
Silund  
Hoshangabad, Sagar, Shahdol, Khandwa,  
Barwani, Khargone, Dindori, Dewas,  
Mandla, Narsinghpur, Jabalpur, Indore

## Family PANGASIIDAE

1875. *Pangasius pangasius* (Hamilton-Buchanan)  
Shahdol, Indore

## Family AMBLYCIPITIDAE

1876. *Amblyceps mangois* (Hamilton-Buchanan) Hoshangabad, Shahdol, Khandwa, Khargone, Dindori, Dewas, Barwani, Mandla, Jabalpur, Narsinghpur

## Family SISORIDAE

1877. *Bagarius bagarius* (Hamilton-Buchanan)  
Larma, Dwarf goonch Jabalpur, Sagar, Shahdol, Indore
1878. *Gagata cenia* (Hamilton-Buchanan) Narsinghpur, Shahdol, Dindori, Dewas, Barwani, Mandla, Jabalpur, Hoshangabad, Betul, Khandwa
1879. *Gagata itchkeea* (Sykes) Deccan nangra Jabalpur
1880. *Nangra nangra* (Hamilton-Buchanan)  
Kosi nangra Sagar
1881. *Gogangra viridescens* (Hamilton-Buchanan) Shahdol, Indore
1882. *Pseudolaguvia ribeiroi* Hora  
Kani tengra, Painted catfish Hoshangabad, Jabalpur, Shahdol, Khandwa, Barwani, Khargone
1883. *Glyptothorax lonah* (Sykes) Hoshangabad, Khandwa, Barwani, Dewas, Khargone, Dindori, Mandla, Narsinghpur, Jabalpur
1884. *Glyptothorax telchitta* (Hamilton-Buchanan) Jabalpur, Sagar, Shahdol, Indore  
Tilichita, Gangai
1885. *Glyptothorax annandalei* (Hamilton-Buchanan) Shahdol
1886. *Glyptothorax indicus* (Talwar) Shahdol
1887. *Erethistes pusillus* (Müller & Troschel) Shahdol
1888. *Sisor rabdophorus* (Hamilton-Buchanan) Shahdol
1889. *Erethistoides montana* (Hora) Shahdol

## Family CLARIIDAE

1890. *Clarias batrachus* (Linnaeus) Hoshangabad, Indore, Jabalpur, Sagar, Magur, Walking catfish, Air breathing cat-fish, Magura Khandwa, Narsinghpur, Seoni, Khargone, Dindori, Dewas, Barwani, Mandla
1891. *Clarias gariepinus* (Linnaeus) Shahdol

## Family HETEROPNEUSTIDAE

1892. *Heteropneustes fossilis* (Bloch) Hoshangabad, Indore, Jabalpur, Seoni, Stinging catfish, Singhi, Sigan Sagar, Shahdol, Khandwa, Barwani, Dewas, Khargone, Dindori, Mandla, Narsinghpur

## Superorder ATHERINOMORPHA

## Order ATHERINIFORMES

## Family BELONIDAE

1893. *Xenentodon cancila* (Hamilton-Buchanan) Hoshangabad, Indore, Betul, Jabalpur, Sagar, Shahdol, Khandwa, Barwani, Khargone Dindori, Dewas, Mandla, Narsinghpur  
Freshwater garfih, Suja

## Family CYPRINODONTIDAE

1894. *Aplocheilus lineatus* (Valenciennes) Dindori, Dewas, Barwani, Mandla, Narsinghpur, Jabalpur, Hoshangabad  
Striped panchax

## Superorder ACANTHOPTERYGII

## Order CHANNIFORMES

## Family CHANNIDAE

1895. *Channa marulius* (Hamilton-Buchanan) Hoshangabad, Jabalpur, Sagar, Shahdol, Sor, Giant snake-head murrel, Samal, Khandwa, Barwani, Khargone, Dindori, Sol, Phul maral Dewas, Mandla, Narsinghpur, Indore, Betul
1896. *Channa orientalis* (Bloch & Schneider) Hoshangabad, Indore, Mandla, Jabalpur, Broum snake head or Cheng, Dhok Betul, Damoh, Shahdol, Sagar, Khandwa, Barwani, Khargone, Dindori, Dewas, Narsinghpur
1897. *Channa punctatus* (Bloch) Spotted snakehead, Green snake head or Gedai, Karra, Gurrai Hoshangabad, Indore, Mandla, Jabalpur, Khandwa, Raisen, Seoni, Narsinghpur, Sagar, Shahdol, Barwani, Khargone, Dindori, Dewas, Betul
1898. *Channa striatus* (Bloch) Striped Snake-head murrel, Kabra, Maral, Kabra Hoshangabad, Indore, Jabalpur, Chhindwara, Sagar, Shahdol

## Order PERCIFORMES

## Family CHANDIDAE

1899. *Chanda nama* Hamilton-Buchanan Hoshangabad, Indore, Betul, Jabalpur, Elongated glass perchlet, Khanghi, Baronti Chhindwara, Narsinghpur, Raisen, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas, Mandla

1900. *Parambassis ranga* (Hamilton-Buchanan) Hoshangabad, Indore, Jabalpur, Raisen, Indian glassy fish, Kanghi-machhli, Betul Sagar, Shahdol, Khandwa, Janjhara Khargone, Dewas, Mandla, Dindori, Barwani, Narsinghpur

## Family SCIAENIDAE

1901. *Johnius coitor* (Hamilton-Buchanan) Shahdol

## Family NANDIDAE

1902. *Badis badis* (Hamilton-Buchanan) Hoshangabad, Jabalpur, Sagar, Khandwa, Mud perches, Kali potiah Khargone, Dindori, Dewas, Barwani, Mandla, Narsinghpur, Indore
1903. *Nandus nandus* (Hamilton-Buchanan) Hoshangabad, Indore, Jabalpur, Gangetic leaf-fish, Chamaria, Narsinghpur, Sagar, Khandwa, Chamar-machhli Khargone, Dindori, Dewas, Barwani, Mandla

## Family CICHLIDAE

1904. *Oreochromis mossambicus* (Peters) : Tilapia Betul

## Family MUGILIDAE

1905. *Rhinomugil corsula* (Hamilton-Buchanan) Jabalpur, Shahdol, Khandwa, Barwani, Corsula mullet, Arwari Khargone, Indore
1906. *Sicamugil cascasia* (Hamilton-Buchanan) Yellowtail mullet Shahdol

## Family GOBIIDAE

## Subfamily GOBINAE

1907. *Glossogobius giuris giuris* (Hamilton-Buchanan) Tank goby, Bar-eyed goby, Gilua, Buddhu, Kharpa, Bulla Hoshangabad, Indore, Jabalpur, Dewas, Sagar, Shahdol, Khandwa, Khargone, Betul, Dindori, Barwani, Mandla, Narsinghpur

## Family ANABANTIDAE

1908. *Anabas testudineus* (Bloch) Climbing perch, Pawai, Koi Hoshangabad, Jabalpur, Khandwa, Barwani, Khargone

## Family BELONTIDAE

## Subfamily TRICHOGASTRINAE

1909. *Colisa fasciatus* (Bloch & Schneider) Banded gouramy, Khardia Hoshangabad, Indore, Khandwa, Shahdol, Barwani, Khargone

## Order MASTACEMBELIFORMES

## Family MASTACEMBELIDAE

1910. *Mastacembelus armatus armatus* (Lacepede) Bam, Spiny eel, Balm Hoshangabad, Indore, Betul, Chhindwara, Jabalpur, Mandla, Narsinghpur, Raisen, Sagar, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas
1911. *Macrognathus pancalus* (Hamilton-Buchanan) Barred spiny eel, Aral, Gurchee Hoshangabad, Indore, Betul, Jabalpur, Chhindwara, Mandla, Narsinghpur, Raisen, Sagar, Shahdol, Khandwa, Barwani, Khargone, Dindori, Dewas

1912. *Macrogynathus aculeatus* (Bloch)  
Lesser spiny eel, Gaichee Hoshangabad, Jabalpur, Shahdol
- Class AMPHIBIA  
Order ANURA  
Family BUFONIDAE
1913. *Bufo melanostictus* Schneider Chhindwara, Hoshangabad, Dindori,  
Common Indian Toad Jabalpur, Mandla, Seoni
1914. *Bufo stomaticus* Lutken  
Marbled Toad Jabalpur, Shahdol
- Family MICROHYLIDAE
1915. *Kaloula pulchra* Gray Jabalpur, Balaghat, Chhindwara, Damoh,  
Painted frog Seoni, Shahdol
1916. *Microhyla ornata* (Dumeril & Bibron) Chhindwara, Damoh, Jabalpur, Mandla,  
Ornate Microhylid frog Seoni
1917. *Uperodon globulosum* (Günther)  
Ballon frog Jabalpur
1918. *Uperodon systoma* (Schneider)  
Marbled Baloon frog Seoni
- Family RANIDAE
1919. *Rana malabarica* (Tschudi) Fungoid frog Mandla
1920. *Hoplobatrachus cyanophlyctis* (Schneider)  
Skipping frog Jabalpur, Mandla
1921. *Hoplobatrachus tigerinus* (Daudin) Dindori, Hoshangabad, Jabalpur, Mandla,  
(Indian bull frog) Seoni, Chhindwara
1922. *Hoplobatrachus crassus* (Jerdon)  
Jerdon's Bull frog Shahdol
1923. *Fejervarya limnocharis* (Gravenhorst)  
Cricket frog Jabalpur, Mandla, Seoni
1924. *Fejervarya keralensis* (Dubois)  
Gunther's Warty frog Chhindwara, Satna
1925. *Spaerotekea breviceps* (Schneider)  
Burrowing frog Jabalpur, Seoni,  
Chhindwara, Hoshangabad
- Family RHACOPHORIDAE
1926. *Philautus sanctisilvaticus* Das & Chanda  
Sacred grove bush frog Shahdol, Jabalpur
1927. *Polypedates maculatus* (Gray)  
Tree frog Jabalpur, Seoni, Mandla, Hoshangabad

Class REPTILIA  
Order CROCODYLIA  
Family CROCODYLIDAE

1928. *Crocodylus palustris* Lesson  
Mugger or Marsh Crocodile Jabalpur, Seoni
1929. *Kachuga dhongoka* (Gray)  
Three-striped roofed turtle Narmada river

Order TESTUDINES  
Family BATAGURIDAE

1930. *Melanochelys trijuga trijuga* (Schweigger) Seoni  
Peninsular black turtle

Family TRIONYCHIDAE

1931. *Aspideretes gangeticus* (Cuvier)  
Indian softshell turtle Seoni
1932. *Lissemys punctata punctata* (Lacepede)  
Indian flapshell turtle Hoshangabad, Seoni

Family EUBLEPHARIDAE

1933. *Eublepharis hardwickii* Gray  
Common Fat-tailed gecko Hoshangabad, Umaria

Family GEKKONIDAE

1934. *Cyrtodactylus collegalensis* (Beddome)  
Collegal Ground gecko Mandla
1935. *Cyrtodactylus nebulosus* (Beddome)  
Clouded Ground gecko Mandla, Balaghat
1936. *Hemidactylus brooki* Gray  
Brook's House gecko Balaghat, Dindori, Jabalpur, Seoni
1937. *Hemidactylus flaviviridis* Rüppell  
Yellow-Green House gecko Balaghat, Jabalpur
1938. *Hemidactylus gracilis* Blandford  
Slender gecko Mandla
1939. *Hemidactylus subtriedrus* (Daudin)  
Indian termite hill gecko Seoni, Indore
1940. *Hemidactylus leschenaulti* Dumeril  
& Bibron Bark gecko Jabalpur

Family AGAMIDAE

1941. *Calotes emma* Gray Emma  
Gray's Forest Lizards Mandla
1942. *Calotes versicolor* (Daudin)  
Common garden lizard Balaghat, Dindori, Hoshangabad,  
Jabalpur, Seoni, Shahdol

1943. *Laudakia minor* (Hardwicke & Gray)  
Lesser Agama Jabalpur, Sagar
1944. *Psammophilus blanfordanus* (Stoliczka)  
Blanford's Agama Balaghat, Dindori, Jabalpur, Seoni
1945. *Sitana ponticeriana* Cuvier  
Fan throated lizard Balaghat, Dindori, Hoshangabad,  
Jabalpur, Seoni
1946. *Uromastyx hardwickii* Gray  
Hardwick's Spiny-tailed Lizard Hoshangabad
- Family CHAMAELEONIDAE
1947. *Chamaeleo zeylanicus* Laurenti  
Indian Chamaeleon Chhindwara, Jabalpur, Narsinhgpur,  
Seoni
- Family SCINCIDAE
1948. *Lygosoma lineata* (Gray) : Lined supple skink
1949. *Lygosoma punctatus* (Gmelin)  
Spotted supple skink Jabalpur
1950. *Lygosoma albopunctata* (Gray)  
Balaghat
1951. *Mabuya carinata* (Schneider)  
Common skink Dindori, Jabalpur, Hoshangabad, Mandla,  
Seoni
1952. *Mabuya dissimilis* (Hallowell)  
Striped Grass skink Jabalpur, Katni
1953. *Mabuya macularia* (Blyth)  
Bronze Grass skink Jabalpur, Hoshangabad, Mandla
1954. *Riopa albopunctata* Gray  
White-spotted supple shink Balaghat
- Family LACERTIDAE
1955. *Ophisops jerdoni* Blyth  
Snake eyed lacerta Jabalpur
- Family VARANIDAE
1956. *Varanus bengalensis* (Daudin)  
Common Indian Monitor Dindori, Jabalpur, Mandla, Seoni
- Suborder SERPENTES  
Family TYPHLOPIDAE
1957. *Ramphotyphlops braminus* (Daudin)  
Brahminy worm snake Balaghat, Dindori, Dewas, Dhar, Seoni,  
Hoshangabad, Indore, Jabalpur, Jhabua
1958. *Typhlops acutus* (Dumeril & Bibron)  
Beaked worm snake Seoni
1959. *Typhlops diardi* (Schlegel)  
Diard's Blind snake Dewas, Dhar, Indore, Jhabua

## Family UROPELTIDAE

1960. *Uropeltis ocellatus* (Beddome)  
Ocellate shield tail Hoshangabad

## Family BOIDAE

1961. *Eryx conicus* (Schneider) Dewas, Dhar, Jabalpur, Indore, Jhabua, Seoni  
Common sand boa  
1962. *Eryx johni* (Russell) Red sand boa Dewas, Dhar, Indore, Seoni  
1963. *Python molurus* (Linnaeus) Dewas, Dindori, Dhar, Mandla, Indore, Jhabua, Seoni  
Indian python

## Family COLUBRIDAE

1964. *Ahaetulla nasutus* (Lacepede) Dewas, Indore, Seoni  
Common vine snake  
1965. *Amphiesma stolatum* (Linnaeus) Dewas, Dindori, Dhar, Indore, Jabalpur, Jhabua, Seoni  
Striped keelback  
1966. *Argyrogena fasciolatus* (Shaw) Dewas, Indore, Jabalpur, Mandla  
Banded racer  
1967. *Atretium schistosum* (Daudin) Dewas, Dhar, Indore, Seoni  
Olivaceous keelback  
1968. *Boiga trigonata* (Schneider) Dewas, Dhar, Indore, Seoni, Shahdol  
Cat snake  
1969. *Dendrelaphis pictus* (Gmelin) Dewas  
Painted bronzeback tree snake  
1970. *Dendrelaphis tristis* (Daudin) Dindori, Jabalpur, Seoni  
Common bronzeback  
1971. *Elaphe helena* (Daudin) Dewas, Dhar, Indore, Jabalpur, Seoni  
Indian Trinket snake  
1972. *Elaphe radiata* (Schegel) Balaghat, Mandla  
Copper-headed Trinket Snake  
1973. *Lycodon aulicus* (Linnaeus) Balaghat, Dewas, Dindori, Dhar, Indore, Jhabua, Seoni  
Common Wolf snake  
1974. *Lycodon striatus* (Shaw) Dewas  
Shaw's Wolf Snake  
1975. *Lycodon tranvancoricus* (Beddome) Jabalpur  
Travancore wolf snake  
1976. *Macropisthodon plumbicolor* (Cantor) Dewas, Indore, Seoni  
Green keelback  
1977. *Oligodon arnensis* (Shaw) Dewas, Dhar, Indore, Jabalpur  
Banded kukri snake  
1978. *Oligodon taeniolatus* (Jerdon) Jabalpur, Mandla  
Streaked Kukri snake

1979. *Ptyas mucosus* (Linnaeus) : Rat snake Dewas, Dhar, Dindori, Jabalpur, Jhabua, Seoni, Mandla
1980. *Sibynophis sagittarius* Cantor  
Cantor's Black-headed snake Mandla
1981. *Sibynophis subpunctatus* (Dumerill  
& Bibron) Dhar
1982. *Xenochrophis piscator* (Schneider)  
Checkered keelback water snake Dewas, Dhar, Indore, Jabalpur, Jhabua, Seoni

## Family ELAPIDAE

1983. *Bungarus caeruleus* (Schneider)  
Common Indian krait Dewas, Dhar, Dindori, Indore, Jabalpur, Jhabua, Mandla, Seoni
1984. *Calliophis melanurus* (Shaw)  
Slender coral snake Dhar
1985. *Naja naja* (Linnaeus) : Common cobra Dewas, Dindori, Dhar, Indore, Jabalpur, Jhabua, Seoni, Mandla
1986. *Naja naja oxiana* (Eichwald)  
Black cobra Dewas, Dhar, Indore, Jhabua

## Family VIPERIDAE

1987. *Echis carinatus* (Schneider)  
Saw scaled viper Dhar, Jabalpur, Jhabua, Seoni
1988. *Vipera russelli* (Shaw) : Russell's viper Dewas, Dhar, Dindori, Jabalpur, Jhabua, Seoni, Mandla
1989. *Trimeresurus gramineus* (Shaw)  
Bamboo Pit Viper Jabalpur, Hoshangabad

## Class AVES

## Order PODICIPEDIFORMES

## Family PODICIPEDIDAE

1990. *Podiceps ruficollis* (Pallas) Little Grebe Dhar, Hoshangabad

## Order PROCELLARIIFORMES

## Family HYDROBATIDAE

1991. *Fregetta tropica* (Gould)  
Black-bellied Storm Petrel Indore

## Order PELECANIFORMES

## Family PHALACROCORACIDAE

1992. *Phalacrocorax carbo* (Linnaeus)  
Great Cormorant Hoshangabad
1993. *Phalacrocorax fuscicollis* Stephens  
Indian Shag Hoshangabad, Mandla

1994. *Phalacrocorax niger* (Vieillot)  
Little Cormorant Mandla  
Family ANTHINGIDAE
1995. *Anhinga melanogaster* Pennant  
Darter Hoshangabad  
Order CICONIIFORMES  
Family ARDEIDAE
1996. *Ardea cinerea* Linnaeus : Grey Heron Hoshangabad, Jabalpur, Mandla  
1997. *Ardea purpurea* Linnaeus : Purple Heron Indore, Mandla  
1998. *Butorides striatus* Linnaeus  
Little Green Heron Hoshangabad  
1999. *Ardeola grayii* (Sykes)  
Indian Pond Heron or Paddy bird Indore, Hoshangabad, Jabalpur, Mandla  
2000. *Bubulcus ibis* (Linnaeus) : Cattle Egret Indore, Dhar, Hoshangabad, Jabalpur  
2001. *Casmerodius albus* (Linnaeus) : Large Egret Jabalpur  
2002. *Mesophoyx intermedia* (Wagler)  
Medium Egret Hoshangabad, Mandla  
2003. *Egretta garzetta* (Linnaeus) : Little Egret Hoshangabad, Jabalpur, Mandla  
2004. *Ixobrychus cinnamomeus* (Gmelin)  
Chestnut Bittern Hoshangabad  
2005. *Ixobrychus sinensis* (Gmelin)  
Yellow Bittern Hoshangabad  
Family CICONIIDAE
2006. *Myctaria leucocephala* (Pennant)  
Painted Stork Jabalpur  
2007. *Anastomus oscitans* (Boddaert)  
Asian Openbill-Stork Hoshangabad  
2008. *Ciconia episcopus* (Boddaert)  
White-necked Stork Hoshangabad, Mandla  
2009. *Ciconia nigra* (Linnaeus)  
Black Stork Hoshangabad, Mandla  
2010. *Leptoptilos dubius* (Gmelin)  
Greater Adjutant Stork Mandla  
2011. *Leptoptilos javanicus* (Horsfield)  
Lesser Adjutant Stork Mandla  
Family THRESKIORNITHIDAE
2012. *Threskiornis melanocephalus* (Latham)  
Oriental White Ibis Hoshangabad

2013. *Pseudibis papillosa* (Temminck)  
Black Ibis Hoshangabad, Mandla  
Order PHOENICOPTERIFORMES  
Family PHOENICOPTERIDAE
2014. *Phoenicopus ruber* Linnaeus  
Greater Flamingo Indore, Hoshangabad  
Order ANSERIFORMES  
Family ANATIDAE
2015. *Anser indicus* (Latham) : Bar-headed Goose Hoshangabad
2016. *Dendrocygna javanica* (Horsfield)  
Lesser Whistling- Duck Dhar, Hoshangabad, Mandla
2017. *Tadorna ferruginea* (Pallas)  
Brahminy Shelduck Jabalpur, Hoshangabad
2018. *Anas acuta* Linnaeus : Northern Pintail Hoshangabad, Mandla,
2019. *Anas crecca* Linnaeus : Common Teal Hoshangabad, Mandla
2020. *Anas poecilorhyncha* J. R. Forster  
Spot-billed Duck Hoshangabad, Mandla
2021. *Anas strepera* Linnaeus : Gadwall Hoshangabad
2022. *Anas penelope* Linnaeus : Eurasian Wigeon Mandla
2023. *Anas querquedula* Linnaeus : Garganey Hoshangabad, Mandla
2024. *Anas clypeata* Linnaeus : Northern  
Shoveller Hoshangabad, Mandla,
2025. *Rhodonessa caryophyllacea* (Latham)  
Pink-headed Duck Indore
2026. *Nettapus coromandelianus* (Gmelin)  
Cotton Teal Indore, Dhar, Mandla  
Order FALCONIFORMES  
Family ACCIPITRIDAE
2027. *Elanus caeruleus* (Latham)  
Black-shouldered Kite Hoshangabad, Jabalpur, Mandla,
2028. *Pernis ptilorhynchus* (Temminck)  
Oriental Honey-Buzzard Hoshangabad
2029. *Milvus migrans* (Boddaert)  
Pariah Kite Indore, Hoshangabad, Jabalpur, Mandla
2030. *Haliastur indus* (Boddaert) : Brahminy Kite Indore, Hoshangabad
2031. *Accipiter badius* (Gmelin) Shikra Hoshangabad, Mandla
2032. *Accipiter trivirgatus* (Temminck)  
Crested Goshawk Hoshangabad
2033. *Accipiter virgatus* (Temminck)  
Besra Sparrow-hawk Indore

2034. *Butastur teesa* (Franklin)  
White-eyed Buzzard Dhar, Hoshangabad, Mandla
2035. *Spizaetus nipalensis* (Hodgson)  
Mountain Hawk-Eagle Hoshangabad
2036. *Spizaetus cirrhatus* (Gmelin)  
Changeable Hawk-Eagle Hoshangabad
2037. *Hieraaetus fasciatus* (Vieillot)  
Bonelli's Eagle Dhar, Hoshangabad
2038. *Aquila rapax* (Temminck) : Tawny Eagle Hoshangabad
2039. *Aquila nipalensis* Hodgson : Steppe Eagle Seoni
2040. *Ictinaetus malayensis* (Temminck)  
Black Eagle Hoshangabad
2041. *Sarcogyps calvus* (Scopoli)  
Read-headed Vulture Hoshangabad, Jabalpur
2042. *Aegypius monachus* (Linnaeus)  
Cinereous Vulture Indore, Sagar
2043. *Gyps fulvus* (Hablizl) : Eurasian Griffon Dhar, Hoshangabad
2044. *Gyps indicus* (Scopoli) : Long-billed Vulture Hoshangabad, Mandla,
2045. *Gyps bengalensis* (Gmelin)  
Indian White-backed Vulture Dhar, Hoshangabad, Jabalpur, Mandla
2046. *Neophron percnopterus* (Linnaeus)  
Egyptian Vulture Hoshangabad, Mandla
2047. *Circus macrourus* (S.G. Gmelin)  
Pallied Harrier Dhar, Hoshangabad, Mandla
2048. *Circus melanoleucos* (Pennant)  
Pied Harrier Mandla, Balaghat,
2049. *Circus aeruginosus* (Linnaeus)  
Western Marsh-Harrier Mandla
2050. *Circaetus gallicus* (Gmelin)  
Short-toed Snake Eagle Betul, Hoshangabad
2051. *Spilornis cheela* (Latham)  
Crested Serpent- Eagle Indore, Mandla

## Family PANDIONIDAE

2052. *Pandion haliaetus* (Linnaeus) : Osprey Hoshangabad

## Family FALCONIDAE

2053. *Falco jugger* J.E. Gray Laggar Hoshangabad, Jabalpur
2054. *Falco peregrinus* Tunstall : Peregrine Falcon Hoshangabad
2055. *Falco subbuteo* Linnaeus : Eurasian Hobby Hoshangabad
2056. *Falco chicquera* Daudin : Red-headed Falcon Hoshangabad

2057. *Falco naumanni* Fleischer : Lesser Kestrel Hoshangabad

2058. *Falco tinnunculus* Linnaeus

Common Kestrel

Hoshangabad, Mandla

Order GALLIFORMES

Family PHASIANIDAE

2059. *Francolinus francolinus* (Linnaeus)

Black Francolin

Sagar

2060. *Francolinus pictus* (Jardine & Selby )

Painted Francolin

Dhar, Hoshangabad, Sagar, Mandla

2061. *Francolinus pondicerianus* (Gmelin)

Grey Francolin

Hoshangabad, Mandla

2062. *Coturnix coturnix* (Linnaeus)

Common Quail

Hoshangabad, Mandla

2063. *Coturnix coromandelica* (Gmelin)

Rain Quail

Indore, Dhar, Hoshangabad, Mandla

2064. *Perdica asiatica* (Latham)

Jungle Bush Quail

Dhar, Hoshangabad, Mandla

2065. *Perdica argoondah* (Sykes)

Rock Bush Quail

Indore, Hoshangabad

2066. *Perdica erythrorhyncha* (Sykes)

Painted Bush Quail

Hoshangabad, Mandla, Balaghat

2067. *Galloperdix spadicea* (Gmelin)

Red Spurfowl

Hoshangabad, Mandla

2068. *Galloperdix lunulata* (Valenciennes)

Painted Spurfowl

Hoshangabad

2069. *Gallus gallus* ( Linnaeus)

Red Junglefowl

Hoshangabad, Mandla,

2070. *Gallus sonneratii* Temminck

Grey Junglefowl

Hoshangabad

2071. *Pavo cristatus* Linnaeus

Indian Peafowl

Indore, Hoshangabad, Mandla

Family TURNICIDAE

2072. *Turnix sylvatica* (Desfontaines)

Small Buttonquail

Hoshangabad

2073. *Turnix tanki* Blyth

Yellow- legged Buttonquail

Hoshangabad

2074. *Turnix suscitator* (Gmelin)

Common Button-quail

Indore, Dhar, Hoshangabad

## Family GRUIDAE

2075. *Grus grus* (Linnaeus) : Common Crane Hoshangabad  
 2076. *Grus antigone* (Linnaeus) : Sarus Crane Indore, Dhar, Hoshangabad, Jabalpur,  
 Mandla, Balaghat  
 2077. *Grus virgo* (Linnaeus) : Demoiselle Crane Jabalpur, Mandla, Hoshangabad

## Family RALLIDAE

2078. *Rallus aquaticus* Linnaeus : Water Rail Sehore  
 2079. *Porzana pusilla* (Pallas) : Baillon's Crake Mandla  
 2080. *Amaurornis akool* (Sykes) : Brown Crake Mandla  
 2081. *Amaurornis phoenicurus* (Pennant)  
 White-breasted Waterhen Hoshangabad, Mandla

## Family OTIDIDAE

2082. *Ardeotis nigriceps* (Vigors)  
 Great Indian Bustard Sagar  
 2083. *Sypheotides indica* (J. F. Miller)  
 Lesser Florican Indore, Mandla, Khargone

## Order CHARADRIIFORMES

## Family JACANIDAE

2084. *Hydrophasianus chirurgus* (Scopoli)  
 Pheasant-tailed Jacana Indore, Dhar, Hoshangabad, Mandla,  
 2085. *Metopidius indicus* (Latham)  
 Bronze-winged Jacana Hoshangabad, Mandla

## Family CHARADRIIDAE

2086. *Vanellus indicus* (Boddaert)  
 Red-wattled Lapwing Dhar, Hoshangabad, Jabalpur, Mandla  
 2087. *Vanellus duvaucelii* (Lesson)  
 River Lapwing Hoshangabad  
 2088. *Vanellus malabaricus* (Boddaert)  
 Yellow-wattled Lapwing Indore, Dhar, Hoshangabad, Jabalpur,  
 Mandla  
 2089. *Charadrius dubius* (Scopoli)  
 Little Ringed Plover Dhar, Hoshangabad

## Family SCOLOPACIDAE

2090. *Numenius phaeopus* (Linnaeus) : Whimbrel Sehore  
 2091. *Numenius arquata* (Linnaeus)  
 Eurasian Curlew Hoshangabad  
 2092. *Tringa erythropus* (Pallas)  
 Spotted or Dusky Redshank Mandla  
 2093. *Tringa totanus* (Linnaeus)  
 Common Redshank Hoshangabad

2094. *Tringa nebularia* (Gunner)  
Common Greenshank Dhar, Hoshangabad, Mandla
2095. *Tringa ochropus* Linnaeus : Green Sandpiper Indore, Dhar, Hoshangabad, Mandla
2096. *Tringa glareola* Linnaeus : Wood Sandpiper Hoshangabad, Mandla
2097. *Actitis hypoleucos* Linnaeus  
Common Sandpiper Dhar, Hoshangabad
2098. *Gallinago nemoricola* (Hodgson)  
Wood Snipe Mandla, Shahdol
2099. *Gallinago stenura* (Bonaparte)  
Pintail Snipe Hoshangabad
2100. *Gallinago gallinago* (Linnaeus)  
Common Snipe Hoshangabad, Mandla
- Family ROSTRATULIDAE
2101. *Rostratula benghalensis* (Linnaeus)  
Greater Painted-Snipe Hoshangabad, Mandla
- Family RECURVIROSTRIDAE
2102. *Himantopus himantopus* (Linnaeus)  
Blackwinged-Stilt Hoshangabad, Jabalpur, Mandla
- Family BURHINIDAE
2103. *Burhinus oedicephalus* (Linnaeus)  
Stone Curlew Dhar
2104. *Esacus magnirostris* (Vieillot)  
Great Stone Plover Hoshangabad
- Family GLAREOLIDAE
2105. *Cursorius coromandelicus* (Gmelin)  
Indian Courser Betul
2106. *Glareola lactea* Temminck : Small Pratincole Hoshangabad
- Family LARIDAE
2107. *Larus ridibundus* Linnaeus  
Black-headed Gull Indore
2108. *Sterna aurantia* J. E. Gray : River Tern Hoshangabad
- Family RHYNCHOPIDAE
2109. *Rhynchops albigollis* Swainson  
Indian Skimmer Hoshangabad
- Order COLUMBIFORMES  
Family PTEROCLIDIDAE
2110. *Pterocles exustus* Temminck  
Chestnut-bellied Sandgrouse Hoshangabad

2111. *Pterocles coronatus* Lichtenstein  
Crowned Sandgrouse Indore
2112. *Pterocles indicus* (Gmelin)  
Painted Sandgrouse Hoshangabad
- Family COLUMBIDAE
2113. *Treron phoenicoptera* (Latham)  
Yellow-legged Green Pigeon Hoshangabad
2114. *Columba livia* Gmelin  
Blue Rock Pigeon Dhar, Hoshangabad, Mandla, Jabalpur
2115. *Streptopelia orientalis* (Latham)  
Oriental Turtle-Dove Hoshangabad
2116. *Streptopelia decaocto* (Frivaldszky)  
Eurasian Collared Dove Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla,
2117. *Streptopelia tranquebarica* (Hermann)  
Red Collared Dove Hoshangabad, Mandla
2118. *Streptopelia chinensis* (Scopoli)  
Spotted Dove Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2119. *Streptopelia senegalensis* (Gmelin)  
Little Brown Dove Indore, Dhar, Hoshangabad
2120. *Chalcophaps indica* (Linnaeus)  
Emerald Dove Mandla, Balaghat
- Order PSITTACIFORMES  
Family PSITTACIDAE
2121. *Psittacula eupatria* (Linnaeus)  
Alexandrine Parakeet Dhar, Hoshangabad, Mandla
2122. *Psittacula krameri* (Scopoli)  
Roseringed Parakeet Indore, Dhar, Jabalpur, Mandla
2123. *Psittacula cyanocephala* (Linnaeus)  
Plum-headed Parakeet Dhar, Mandla, Hoshangabad
- Order CUCULIFORMES  
Family CUCULIDAE
2124. *Clamator jacobinus* (Boddaert)  
Pied Crested Cuckoo Hoshangabad, Mandla
2125. *Hierococcyx varius* Vahl : Brainfever Bird Indore, Dhar, Hoshangabad, Mandla
2126. *Cuculus micropterus* Gould : Indian Cuckoo Hoshangabad, Mandla
2127. *Cuculus canorus* Linnaeus : Common  
Cuckoo Indore, Dhar, Hoshangabad, Sagar,  
Mandla
2128. *Cuculus poliocephalus* Latham  
Lesser Cuckoo Hoshangabad

2129. *Cacomantis sonneratii* (Latham)  
Banded Bay Cuckoo Hoshangabad, Mandla
2130. *Cacomantis passerinus* (Vahl)  
Indian Plaintive Cuckoo Hoshangabad
2131. *Surniculus lugubris* (Horsfield)  
Drongo Cuckoo Hoshangabad
2132. *Eudynamys scolopacea* (Linnaeus)  
Asian Koel Indore, Hoshangabad, Jabalpur, Mandla
2133. *Phaenicophaeus viridirostris* (Jerdon)  
Small Green-billed Malkoha Hoshangabad
2134. *Phaenicophaeus leschenaultii* (Lesson)  
Sirkeer Malkoha Indore, Dhar, Hoshangabad, Mandla,
2135. *Centropus sinensis* Stephens  
Greater Coucal Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla, Umaria

## Order STRIGIFORMES

## Family TYTONIDAE

2136. *Tyto alba* (Scopoli) : Barn Owl Hoshangabad, Jabalpur
2137. *Tyto capensis* (A. Smith) : Grass Owl Balaghat

## Family STRIGIDAE

2138. *Otus scops* (Linnaeus) : Eurasian Scops Owl Hoshangabad
2139. *Otus bakkamoena* Pennant  
Collared Scops Owl Hoshangabad, Mandla
2140. *Bubo bubo* (Linnaeus) : Eurasian Eagle-Owl Hoshangabad
2141. *Bubo coromandus* (Latham)  
Dusky Eagle-Owl Hoshangabad
2142. *Ketupa zeylonensis* (Gmelin)  
Brown Fish-Owl Hoshangabad, Mandla,
2143. *Glaucidium radiatum* (Tickell)  
Jungle Owlet Hoshangabad, Mandla,
2144. *Glaucidium cuculoides* (Vigors)  
Asian Barred Owlet Hoshangabad
2145. *Ninox scutulata* (Raffles) : Brown  
Hawk-Owl Hoshangabad
2146. *Athene brama* (Temminck) : Spotted Owlet Dhar, Hoshangabad
2147. *Heteroglaux blewitti* (Hume)  
Forest Spotted Owlet Hoshangabad
2148. *Strix ocellata* (Lesson) :  
Mottled Wood-Owl Indore, Dhar, Hoshangabad
2149. *Strix leptogrammica* Temminck  
Brown Wood-Owl Hoshangabad
2150. *Asio flammeus* (Pontoppidan)  
Short-eared Owl Hoshangabad, Mandla

Order CAPRIMULGIFORMES  
Family CAPRIMULGIDAE

2151. *Caprimulgus indicus* Latham  
Indian Jungle Nightjar Hoshangabad, Mandla,  
2152. *Caprimulgus asiaticus* Latham  
Common Indian Nightjar Dhar, Hoshangabad, Jabalpur  
2153. *Caprimulgus affinis* Horsfield  
Franklin's Nightjar Indore, Mandla,

Order APODIFORMES  
Family APODIDAE

2154. *Zoonavena sylvatica* (Tickell)  
Whiterumped Needletail-Swift Hoshangabad, Mandla  
2155. *Tachymarptis Melba* (Linnaeus)  
Alpine Swift Dhar, Hoshangabad  
2156. *Apus affinis* (J.E. Gray) : House Swift Indore, Dhar, Hoshangabad, Mandla

Family HEMIPROCENIDAE

2157. *Hemiprocne coronata* (Tickell)  
Crested Tree-Swift Indore, Hoshangabad, Mandla

Order CORACIFORMES  
Family ALCEDINIDAE

2158. *Ceryle rudis* (Linnaeus)  
Indian Pied Kingfisher Indore, Dhar, Hoshangabad, Jabalpur  
2159. *Alcedo atthis* (Linnaeus)  
Small Blue Kingfisher Hoshangabad  
2160. *Halcyon capensis* (Linnaeus)  
Stork-billed Kingfisher Indore, Hoshangabad  
2161. *Halcyon smyrnensis* (Linnaeus)  
White-breasted Kingfisher Indore, Hoshangabad, Jabalpur  
2162. *Halcyon pileata* (Boddaert)  
Black-capped Kingfisher Hoshangabad, Mandla

Family MEROPIDAE

2163. *Merops philippinus* Linnaeus  
Blue-tailed Bee-eater Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla  
2164. *Merops orientalis* Latham  
Indian Small Green Bee-eater Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla  
2165. *Nyctornis athertoni* (Jardine & Selby)  
Blue-bearded Bee-eater Hoshangabad

## Family CORACIIDAE

2166. *Coracias garrulus* Linnaeus  
European Roller Seoni
2167. *Coracias benghalensis* (Linnaeus)  
Indian Roller or Blue Jay Hoshangabad, Jabalpur, Mandla

## Family UPUPIDAE

2168. *Upupa epops* Linnaeus : Common Hoopoe Dhar, Hoshangabad, Jabalpur, Mandla
2169. *Ocyrceros birostris* (Scopoli)  
Indian Grey Hornbill Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2170. *Anthracoceros coronatus* (Boddaert)  
Malabar Pied Hornbill Betul, Hoshangabad, Mandla

## Order PICIFORMES

## Family CAPITONIDAE

2171. *Megalaima zeylanica* (Gmelin)  
Brown Headed Barbet Mandla
2172. *Megalaima haemacephala* (P.L.S.Muller)  
Coppersmith Barbet Indore, Dhar, Hoshangabad, Mandla

## Family PICIDAE

2173. *Celeus brachyurus* (Vieillot)  
Rufous Woodpecker Balaghat
2174. *Picus xanthopygeus* (J. E.Gray & G.E.Gray)  
Little Scalybellied Green Woodpecker Hoshangabad, Mandla
2175. *Picus chlorolophus* Vieillot  
Small Yellow-naped Woodpecker Mandla
2176. *Dinopium benghalense* (Linnaeus)  
Lesser Golden-backed Woodpecker Indore, Hoshangabad, Jabalpur, Mandla
2177. *Dryocopus javensis* (Horsfield)  
Great Black Woodpecker Hoshangabad
2178. *Dendrocopos mahrattensis* (Latham)  
Yellow-fronted Pied Woodpecker Indore, Hoshangabad, Mandla,
2179. *Dendrocopos nanus* (Vigors)  
Brown-capped Pygmy Woodpecker Dhar, Hoshangabad, Mandla
2180. *Chrysocolaptes festivus* (Boddaert)  
Black-shouldered Woodpecker Indore, Hoshangabad, Mandla

## Order PASSERIFORMES

## Family PITTIDAE

2181. *Pitta brachyura* (Linnaeus) : Indian Pitta Indore, Dhar, Hoshangabad

## Family ALAUDIDAE

2182. *Mirafra assamica* Horsfield  
Bengal Bush-Lark Sagar, Mandla
2183. *Mirafra erythroptera* Blyth  
Red-winged Bush Lark Indore, Dhar, Hoshangabad
2184. *Eremopterix grisea* (Scopoli)  
Ashy-crowned Sparrow-Lark Indore, Hoshangabad, Sagar, Mandla,
2185. *Ammomanes phoenicurus* (Franklin)  
Rufous-tailed Finch-Lark Dhar, Hoshangabad, Mandla
2186. *Calandrella acutirostris* Hume  
Hume's Short-toed Lark Dhar
2187. *Galerida deva* (Sykes)  
Sykes's Crested Lark Hoshangabad
2188. *Alauda gulgula* Franklin : Eastern Skylark Hoshangabad, Mandla

## Family HIRUNDINIDAE

2189. *Hirundo rupestris* Scopoli  
Eurasian Crag-Martin Hoshangabad
2190. *Hirundo concolor* Sykes  
Dusky Crag-Martin Indore, Dhar, Hoshangabad
2191. *Hirundo rustica* Linnaeus  
Common Swallow Hoshangabad, Mandla
2192. *Hirundo smithii* Leach  
Wire-tailed Swallow Indore, Dhar, Hoshangabad, Mandla
2193. *Hirundo fluvicola* Blyth  
Streak-throated Swallow Indore, Hoshangabad, Mandla
2194. *Hirundo daurica* Linnaeus  
Red-rumped Swallow Indore, Dhar, Hoshangabad Mandla
2195. *Delichon urbica* (Linnaeus)  
Northern House Martin Mandla

## Family MOTACILLIDAE

2196. *Anthus hodgsonii* Richmond  
Oriental Tree Pipit Hoshangabad, Jabalpur, Mandla
2197. *Anthus trivialis* (Linnaeus)  
Eurasian Tree Pipit Dhar, Hoshangabad
2198. *Anthus rufulus* Vieillot : Paddyfield Pipit Indore, Hoshangabad, Jabalpur
2199. *Anthus campestris* (Linnaeus) : Tawny Pipit Indore, Dhar, Mandla
2200. *Motacilla flava* Linnaeus : Yellow Wagtail Indore, Hoshangabad, Jabalpur
2201. *Motacilla citreola* Pallas : Citrine Wagtail Mandla
2202. *Motacilla cineria* Tunstall : Grey Wagtail Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla

2203. *Motacilla alba* Linnaeus : White Wagtail Indore, Hoshangabad  
 2204. *Motacilla maderspatensis* Gmelin Indore, Dhar, Hoshangabad, Jabalpur,  
 Large Pied Wagtail Mandla

## Family CAMPEPHAGIDAE

2205. *Hemipus picatus* (Sykes)  
 Pied Flycatcher-Shrike Betul, Hoshangabad, Sagar, Mandla  
 2206. *Tephrodornis pondicerianus* (Gmelin)  
 Common Wood Shrike Dhar, Hoshangabad, Indore, Sagar,  
 Jabalpur, Mandla  
 2207. *Coracina macei* (Lesson)  
 Large Cuckoo-Shrike Indore, Dhar, Hoshangabad, Mandla  
 2208. *Coracina melanoptera* (Ruppell)  
 Black-headed Cuckoo-Shrike Indore, Dhar, Hoshangabad, Mandla  
 2209. *Pericrocotus flammeus* (Forster)  
 Scarlet Minivet Betul, Hoshangabad, Mandla  
 2210. *Pericrocotus ethologus* Bangs & Phillips  
 Long-tailed Minivet Betul, Jabalpur, Mandla  
 2211. *Pericrocotus roseus* (Vieillot) : Rosy Minivet Mandla,  
 2212. *Pericrocotus cinnamomeus* (Linnaeus)  
 Small Minivet Indore, Dhar, Hoshangabad, Mandla  
 2213. *Pericrocotus erythropygus* (Jerdon)  
 White-bellied Minivet Betul, Hoshangabad

## Family PYCNONOTIDAE

2214. *Pycnonotus melanicterus* (Gmelin)  
 Black-crested Bulbul Hoshangabad, Chhindwara  
 2215. *Pycnonotus jacosus* (Linnaeus)  
 Red-whiskered Bulbul Hoshangabad  
 2216. *Pycnonotus leucogenys* (Gray)  
 Himalayan Bulbul Hoshangabad, Sagar  
 2217. *Pycnonotus cafer* (Linnaeus)  
 Red-vented Bulbul Indore, Hoshangabad, Jabalpur, Mandla  
 2218. *Pycnonotus luteolus* (Lesson)  
 White-browed Bulbul Hoshangabad

## Family IRENIDAE

2219. *Aegithina tiphia* (Linnaeus) : Common Iora Indore, Dhar, Hoshangabad, Sagar,  
 Jabalpur, Mandla  
 2220. *Aegithina nigrolutea* (Marshall)  
 Marshall's Iora Hoshangabad  
 2221. *Chloropsis aurifrons* (Temminck)  
 Gold-fronted Chloropsis Mandla

2222. *Chloropsis cochinchinensis* (Gmelin)  
Jerdon's Chloropsis Indore, Hoshangabad, Sagar, Mandla

## Family LANIIDAE

2223. *Lanius excubitor* Linnaeus  
Great Grey Shrike Hoshangabad, Sagar
2224. *Lanius vittatus* Valenciennes  
Bay-backed Shrike Indore, Dhar, Hoshangabad, Mandla
2225. *Lanius collurio* Linnaeus  
Red-backed Shrike Sehore
2226. *Lanius schach* Linnaeus  
Rufous-backed Shrike Indore, Dhar, Hoshangabad, Jabalpur
2227. *Lanius cristatus* Linnaeus : Brown Shrike Indore, Hoshangabad

## Family MUSCICAPIDAE

2228. *Pellorneum ruficeps* Swainson  
Spotted Babbler Betul, Hoshangabad, Mandla,
2229. *Pomatorhinus schisticeps* Hodgson  
Hodgson Scimitar Babbler Hoshangabad, Balaghat, Mandla
2230. *Dumetia hyperythra* (Franklin)  
Rufous-bellied Babbler Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2231. *Chrysomma sinense* (Gmelin)  
Yellow-eyed Babbler Indore, Dhar, Hoshangabad,  
Mandla, Sagar, Sehore
2232. *Turdoides caudatus* (Dumont)  
Common Babbler Indore, Dhar, Hoshangabad
2233. *Turdoides malcolmi* (Sykes)  
Large Grey Babbler Indore, Dhar, Khargone, Betul,  
Hoshangabad, Mandla
2234. *Turdoides subrufus* (Jerdon)  
Indian Rufous Babbler Hoshangabad
2235. *Turdoides striatus* (Dumont)  
Jungle Babbler Indore, Dhar, Jabalpur, Hoshangabad
2236. *Alcippe poioicephala* (Jerdon)  
Quaker Tit-Babbler Hoshangabad, Mandla, Balaghat,
2237. *Muscicapa dauurica* Pallas  
Asian Brown Flycatcher Indore, Dhar
2238. *Muscicapa muttui* (Layard)  
Brown-breasted Flycatcher Mandla
2239. *Muscicapa superciliaris* Jerdon  
Whitebrowed Blue Flycatcher Hoshangabad, Mandla
2240. *Muscicapa tickelliae* (Blyth)  
Tickell's Redbreasted Blue Flycatcher Indore, Dhar, Hoshangabad, Mandla

2241. *Muscicapa thalassina* Swainson  
Verditer Flycatcher Betul, Hoshangabad, Mandla,
2242. *Ficedula parva* Bechstein  
Red-throated Flycatcher Hoshangabad, Mandla
2243. *Culicicapa ceylonensis* (Swainson)  
Grey-headed Flycatcher Hoshangabad, Mandla
2244. *Rhipidura aureola* (Lesson)  
White-browed Fantail-Flycatcher Indore, Hoshangabad, Mandla
2245. *Rhipidura albicollis* (Vieillot)  
White-throated Fantail Flycatcher Hoshangabad, Mandla
2246. *Terpsiphonbe paradisi* (Linnaeus)  
Asian Paradise Flycatcher Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2247. *Hypothymis azurea* (Boddaert)  
Black-naped Monarch Flycatcher Indore, Hoshangabad,
2248. *Acrocephalus melanopogon* (Temminck)  
Moustached Warbler Sehore
2249. *Cisticola exilis* (Vagors & Horsfield)  
Golden-headed Fantail-Warbler Sagar, Balaghat
2250. *Cisticola juncidis* (Rafinesque)  
Streaked Fantail-Warbler Hoshangabad
2251. *Prinia hodgsonii* Blyth : Franklin's Prinia Hoshangabad, Mandla
2252. *Prinia buchanani* Blyth  
Rufousfronted Wren-Warbler Indore, Hoshangabad, Sagar
2253. *Prinia gracilis* (Lichtenstein)  
Graceful Prinia Indore, Dhar, Hoshangabad
2254. *Prinia inornata* Sykes : Plain Prinia Indore, Dhar, Hoshangabad, Sagar,  
Mandla
2255. *Prinia socialis* Sykes : Ashy Prinia Indore, Dhar, Hoshangabad, Mandla
2256. *Prinia sylvatica* Jerdon : Jungle Prinia Hoshangabad, Sagar, Mandla
2257. *Orthotomus sutorius* (Pennant)  
Common Tailor Bird Indore, Dhar, Sehore, Mandla,  
Hoshangabad, Jabalpur
2258. *Megalurus palustris* Horsfield  
Striated Marsh Warbler Hoshangabad
2259. *Acrocephalus stentoreus*  
(Hemprich & Ehrenberg) Indore  
Indian Great Reed-Warbler
2260. *Acrocephalus dumetorum* Blyth  
Blyth's Reed Warbler Dhar
2261. *Hippolais caligata* (Lichtenstein)  
Booted Warbler Indore

2262. *Sylvia hortensis* (Gmelin)  
Orphean Warbler Hoshangabad
2263. *Sylvia curruca* (Linnaeus)  
Common Lesser Whitethroat Indore
2264. *Phylloscopus collybita* (Vieillot)  
Common Chiffchaff Mandla
2265. *Phylloscopus affinis* (Tickell)  
Tickell's Warbler Hoshangabad, Mandla
2266. *Phylloscopus griseolus* Blyth  
Olivaceous Leaf-Warbler Mandla
2267. *Phylloscopus magnirostris* Blyth  
Large-billed Leaf-Warbler Mandla
2268. *Phylloscopus trochiloides* (Sundevall)  
Greenish Leaf-Warbler Dhar, Mandla
2269. *Phylloscopus occipitalis* (Blyth)  
Western Crowned Warbler Indore, Dhar
2270. *Seicercus burkii* (Burton)  
Gold-Spectacled Flycatcher-Warbler Hoshangabad
2271. *Luscinia calliope* (Pallas)  
Siberian Rubythroat Mandla
2272. *Luscinia svecica* (Linnaeus) : Bluethroat Sehore, Hoshangabad, Mandla
2273. *Copsychus saularis* (Linnaeus)  
Oriental Magpie-Robin Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2274. *Copsychus malabaicus* (Scopoli)  
White-rumped Shama Balaghat, Hoshangabad, Mandla,
2275. *Phoenicurus ochruros* (Gmelin)  
Black Redstart Dhar, Hoshangabad
2276. *Cercomela fusca* (Blyth) : Indian Chat Dhar, Sehore, Hoshangabad, Sagar,  
Damoh
2277. *Saxicola torquata* (Linnaeus)  
Common Stonechat Hoshangabad
2278. *Saxicola caprata* (Linnaeus)  
Pied Bushchat Hoshangabad
2279. *Saxicola ferrea* Gray : Grey Bushchat Mandla
2280. *Oenanthe isabellina* (Temminck)  
Isabelline Wheatear Sehore, Indore
2281. *Saxicoloides fulicata* (Linnaeus)  
Indian Robin Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2282. *Monticola cinclorhynchus* (Vigors)  
Blue-headed Rock-Thrush Mandla

2283. *Monticola solitarius* (Linnaeus)  
Indian Blue Rock-Thrush Dhar, Hoshangabad
2284. *Myiophonus horsfieldii* (Vigors)  
Malabar Whistling-Thrush Betul, Hoshangabad
2285. *Zoothera citrina* (Latham)  
Orange-headed Thrush Mandla, Hoshangabad
2286. *Turdus merula* Linnaeus  
Eurasian Blackbird Betul, Hoshangabad
2287. *Turdus ruficollis* Pallas  
Dark-throated Thrush Sehore
- Family REMIZIDAE
2288. *Cephalopyrus flammiceps* (Burton)  
Fire-capped Tit Sehore, Sagar, Mandla
- Family PARIDAE
2289. *Parus major* Linnaeus : Great Tit Dhar, Hoshangabad, Mandla, Raisen
2290. *Parus xanthogenys* Vigors  
Black-lored Yellow Tit Indore, Dhar, Raisen, Hoshangabad,  
Sagar, Mandla
- Family SITTIDAE
2291. *Sitta castanea* Lesson  
Chestnut-bellied Nuthatch Indore, Dhar, Hoshangabad, Mandla
2292. *Sitta frontalis* Swainson  
Velvet-fronted Nuthatch Betul, Hoshangabad, Mandla,
- Family CERTHIDAE
2293. *Salpornis spilonotus* (Franklin)  
Spotted Creeper Hoshangabad
- Family DICAETIDAE
2294. *Dicaeum agile* (Tickell)  
Thick-billed Flowerpecker Dhar, Hoshangabad, Sagar, Mandla
2295. *Dicaeum erythrorhynchos* (Latham)  
Tickell's Flowerpecker Hoshangabad, Jabalpur, Mandla
- Family NECTARINIIDAE
2296. *Nectarinia zeylonica* (Linnaeus)  
Purple-rumped Sunbird Hoshangabad, Jabalpur
2297. *Nectarinia asiatica* (Latham)  
Purple Sunbird Dhar, Hoshangabad, Sagar, Jabalpur, .  
Mandla
2298. *Aethopyga siparaja* (Raffles)  
Crimson Sunbird Jabalpur, Balaghat
2299. *Zosterops palpebrosus* (Temminck)  
Oriental White-eye Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla

2300. *Emberiza melanocephala* Scopoli  
Black-headed Bunting Sagar
2301. *Emberiza bruniceps* Brandt  
Red-headed Bunting Mandla
2302. *Emberiza striolata* (Lichtenstein)  
Striolated Bunting Betul, Sagar
2303. *Melophus lathamii* (Gray)  
Crested Bunting Indore, Dhar, Khargone, Betul,  
Hoshangabad, Sagar, Mandla
2304. *Carpodacus erythrinus* (Pallas)  
Common Rosefinch Hoshangabad, Mandla
2305. *Amandava amandava* (Linnaeus)  
Red Munia Mandla
2306. *Amandava formosa* (Latham)  
Green Munia Khargone, Betul, Sagar, Mandla
2307. *Lonchura malabarica* (Linnaeus)  
White-throated Munia Indore, Dhar, Hoshangabad
2308. *Lonchura striata* (Linnaeus)  
White-rumped Munia Betul, Mandla
2309. *Lonchura punctulata* (Linnaeus)  
Spotted Munia Indore, Dhar, Mandla
2310. *Lonchura malacca* (Linnaeus)  
Black-headed Munia Hoshangabad, Mandla
2311. *Passer domesticus* (Linnaeus)  
House Sparrow Entire basin
2312. *Petronia xanthocollis* (Burton)  
Yellow-throated Sparrow Indore, Sehore, Betul, Hoshangabad,  
Jabalpur, Mandla
2313. *Ploceus philippinus* (Linnaeus)  
Baya Weaver Indore, Dhar, Jabalpur, Mandla
2314. *Ploceus manyar* (Horsfield)  
Indian Streaked Weaver Bird Jabalpur
2315. *Sturnus malabaricus* (Gmelin)  
Grey-headed Starling Dhar, Hoshangabad, Mandla
2316. *Sturnus pagodarum* (Gmelin)  
Brahminy Starling Indore, Dhar, Hoshangabad, Jabalpur,  
Mandla
2317. *Sturnus roseus* (Linnaeus) : Rosy Starling Hoshangabad, Mandla
2318. *Sturnus contra* Linnaeus  
Asian Pied Starling Hoshangabad, Mandla, Balaghat
2319. *Acridotheres tristis* (Linnaeus)  
Common Myna Indore, Sehore, Hoshangabad, Jabalpur,  
Mandla
2320. *Acridotheres ginginianus* (Latham)  
Bank Myna Hoshangabad, Harda, Jabalpur, Mandla

2321. *Acridotheres fuscus* (Wagler)  
Jungle Myna Hoshangabad, Jabalpur, Mandla
2322. *Oriolus oriolus* (Linnaeus)  
Eurasian Golden Oriole Indore, Dhar, Hoshangabad, Jabalpur, Mandla
2323. *Oriolus xanthornus* (Linnaeus)  
Black-headed Oriole Hoshangabad, Jabalpur, Mandla
2324. *Dicrurus macrocercus* Vieillot  
Black Drongo Indore, Dhar, Hoshangabad, Jabalpur
2325. *Dicrurus leucophaeus* Vieillot  
Ashy Drongo Hoshangabad
2326. *Dicrurus caerulescens* (Linnaeus)  
White-bellied Drongo Indore, Hoshangabad, Mandla
2327. *Dicrurus aeneus* Vieillot : Bronzed Drongo
2328. *Dicrurus hottentottus* (Linnaeus)  
Spangled Drongo Hoshangabad, Mandla, Balaghat
2329. *Dicrurus paradiseus* (Linnaeus)  
Greater Racket-tailed Drongo Hoshangabad, Mandla
2330. *Artamus fuscus* Vieillot  
Ashy Woodswallow Betul, Hoshangabad, Mandla
2331. *Dendrocitta vagabunda* (Latham)  
Indian Tree-pie Indore, Dhar, Hoshangabad, Jabalpur, Mandla
2332. *Corvus splendens* Vieillot : House Crow Entire basin
2333. *Corvus macrorhynchos* Wagler  
Jungle Crow Indore, Dhar, Hoshangabad, Jabalpur
2334. *Corvus corax* Linnaeus : Common Raven Indore

Class MAMMALIA

Order INSECTIVORA

Family SORICIDAE

2335. *Suncus etruscus perotteiti* (Duvernoy)  
Pygmy shrew Jabalpur, Mandla, Balaghat
2336. *Suncus murinus* (Linnaeus)  
Common shrew Hoshangabad, Khargone, Khandwa, Jabalpur, Seoni, Mandla
2337. *Suncus stoliczkanus* Anderson  
Anderson's shrew Khargone, Khandwa, Hoshangabad, Jabalpur, Mandla

Order SCANDENTIA

Family TUPAIIDAE

2338. *Anathana ellioti pallida* Lyon  
Madras tree shrew Hoshangabad, Mandla

Order CHIROPTERA  
Family PTEROPODIDAE

2339. *Cynopterus sphinx* (Vahl)  
Short-nosed fruit bat Hoshangabad, Jabalpur, Mandla,  
2340. *Pteropus giganteus giganteus* (Brunnich) Khandwa, Jabalpur, Narsinghpur, Seoni,  
Indian flying fox Mandla, Shahdol  
2341. *Rousettus leschenaulti leschenaulti*  
(Desmarest) : Fulvus fruit bat Jabalpur, Mandla

Family RHINOPOMATIDAE

2342. *Rhinopoma hardwickeii hardwickeii* Gray  
Lesser Mouse-tailed bat Dhar, Jabalpur, Mandla  
2343. *Rhinopoma microphyllum kinneri*  
Brunnich : Greater Mouse-tailed bat Khandwa, Khargone

Family EMBALLONURIDAE

2344. *Taphozous longimanus Hardwickeii*  
Long-armed sheath-tailed bat Jabalpur, Mandla, Balaghat  
2345. *Taphozous melanopogon* Temminck  
Black-bearded tomb bat Betul, Hoshangabad, Jabalpur,  
Chhindwara, Mandla, Balaghat  
2346. *Taphozous nudiventris kachhensis* Dobson  
Naked-bellied tomb bat Jabalpur, Mandla  
2347. *Taphozous perforatus* E. Geoffroy  
Jabalpur  
2348. *Taphozous saccolaimus* Temminck  
Pouch bearing bat Mandla, Balaghat  
2349. *Taphozous theobaldi secatus* Thomas  
Theobald's Tomb Bat Khargone, Khandwa, Jabalpur

Family MEGADERMATIDAE

2350. *Megaderma lyra lyra* Geoffroy  
Indian false vampire Jabalpur, Mandla, Balaghat

Family RHINOLOPHIDAE

2351. *Rhinolophus lepidus lepidus* Blyth  
Blyth's horse-shoe bat Hoshangabad, Jabalpur, Mandla  
2352. *Rhinolophus rouxi* Temminck  
Rufous horse-shoe bat Jabalpur, Mandla

Family HIPPOSIDERIDAE

2353. *Hipposideros fulvus* Gray  
Fulvous Leafnosed Bat Hoshangabad, Jabalpur  
2354. *Hipposideros durgadsi* Khajuria  
Khajuria's Leafnosed Bat Jabalpur

2355. *Hipposideros galeritus brachyotus*  
(Dobson) : Canfor's Leafnosed Bat Jabalpur
2356. *Hipposideros lankadiva* Kellart  
Kellart's Leaf-nosed bat Hoshangabad, Mandla, Balaghat
- Family VESPERTILIONIDAE
2357. *Myotis horsefieldii* (Temminck)  
Horsefield's Bat Jabalpur
2358. *Pipistrellus ceylonicus indicus* (Dobson)  
Kellart's Pipistrelle Jabalpur, Hoshangabad
2359. *Pipistrellus coromandra* Gray  
Indian Pipistrelle Jabalpur, Seoni, Mandla, Balaghat
2360. *Pipistrellus mimus mimus* Wroughton  
Indian pygmy Pipistrelle Hoshangabad, Jabalpur, Mandla
2361. *Pipistrellus kuhli* Leach  
Kuhl's Pipistrelle Jabalpur
2362. *Pipistrellus dormeri* Dobson  
Jabalpur, Hoshangabad
2363. *Scotophilus heathi heathi* Horsfield  
Greater Yellow bat Jabalpur
- Family MOLOSSIDAE
2364. *Tadarida aegyptica* (Geoffroy)  
Egyptian Free-tailed bat Khandwa
2365. *Chaerephon plicata* (Buchanan)  
Wrinkle-lipped bat Mandla, Balaghat
- Order PRIMATES
- Family CERCOPITHECIDAE
2366. *Macaca mulatta* (Zimmermann)  
Rhesus Macaque Entire basin
2367. *Semnopithecus entellus* (Dufresne)  
Hanuman Langur Entire basin
- Order CARNIVORA
- Family CANIDAE
2368. *Canis aureus* Linnaeus  
Asiatic Jackal Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat, Jabalpur
2369. *Canis lupus* Linnaeus : Wolf  
Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat
2370. *Cuon alpinus* (Pallas)  
Wild dog Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat
2371. *Vulpes bengalensis* (Shaw) : Bengal fox  
Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat, Jabalpur

## Family HYNAENIDAE

2372. *Hyaena hyaena* (Linnaeus)  
(Striped Hyaena) Betul, Hoshangabad, Jabalpur,  
Chhindwara, Seoni, Mandla, Balaghat

## Family FELIDAE

2373. *Felis chaus kutas* Pearson  
Jungle cat Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat
2374. *Panthera pardus fusca* (Meyer)  
Leopard Betul, Hoshangabad, Jabalpur,  
Chhindwara, Seoni, Mandla, Balaghat
2375. *Panthera tigris* (Linnaeus)  
Tiger Betul, Hoshangabad, Chhindwara,  
Seoni, Mandla, Balaghat
2376. *Prionailurus bengalensis* (Kerr)  
Leopard cat Seoni, Mandla, Balaghat
2377. *Prionailurus rubiginosus* (Geoffroy)  
Rusty spotted cat Balaghat, Hoshangabad
2378. *Prionailurus viverrinus* (Bennett)  
Fishing cat Betul, Hoshangabad, Chhindwara

## Family HESPESTIDAE

2379. *Herpestes edwardsi nyula* (Hodgson)  
Indian grey Mongoose Jabalpur, Seoni, Mandla, Shahdol
2380. *Herpestes smithii* (Gray)  
Ruddy Mongoose Seoni, Mandla, Balaghat

## Family MUSTELIDAE

2381. *Lutra perspicillata* Geoffroy  
Smooth-coated Indian Otter Betul, Chhindwara, Mandla, Balaghat
2382. *Mellivora capensis indica* (Kerr)  
Ratel Betul, Hoshangabad, Chhindwara,  
Mandla, Balaghat

## Family URSIDAE

2383. *Melursus ursinus* (Shaw) : Sloth bear  
Balaghat, Chhindwara, Hoshangabad,  
Mandla, Seoni

## Family VIVERIDAE

2384. *Paradoxurus hermaphroditus* (Pallas)  
Common Palm Civet Betul, Hoshangabad, Jabalpur  
Chhindwara, Seoni, Mandla, Balaghat
2385. *Vivericula indica* (Desmarest)  
Small Indian Civet Betul, Hoshangabad, Jabalpur,  
Chhindwara, Seoni, Mandla, Balaghat

## Order ARTIODACTYLA

## Family BOVIDAE

2386. *Antilope cervicapra cervicapra*  
(Linnaeus) : Blackbuck Sehore, Narsinghpur, Mandla
2387. *Bos gaurus gaurus* Smith  
Indian Gaur Narsinghpur, Seoni, Mandla, Balaghat,  
Chhindwara

2388. *Boselaphus tragocamelus* (Pallas)  
Nilgai Seoni, Mandla, Balaghat
2389. *Gazella bennetti* (Sykes) : Indian Gazella Betul, Hoshangabad, Chhindwara,  
Mandla, Balaghat, Seoni, Jabalpur
2390. *Tetracerus quadricornis* Blainville  
Chowsingha Dewas, Betul, Hoshangabad, Jabalpur,  
Chhindwara, Seoni, Mandla, Balaghat
- Family CERVIDAE
2391. *Axis axis axis* (Erxleben)  
Cheetal Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat
2392. *Cervus duvaucelli branderi* Pocock  
Barahsinga Mandla, Balaghat
2393. *Cervus unicolor niger* Blainville  
Sambhar Betul, Hoshangabad, Chhindwara,  
Seoni, Mandla, Balaghat, Shahdol
2394. *Muntiacus muntjak* Zimmermann  
Barking deer Betul, Hoshangabad, Chhindwara, Seoni,  
Mandla, Balaghat
- Family SUIDAE
2395. *Sus scrofa* Linnaeus : Wild boar Betul, Hoshangabad, Chhindwara,  
Seoni, Mandla, Balaghat
- Family TRAGULIDAE
2396. *Moschiola meminna* (Erxleben)  
Mouse deer Hoshangabad, Chhindwara, Mandla,  
Balaghat
- Order PHOLIDOTA  
Family MANIDAE
2397. *Manis crassicaudata* Gray : Indian Pangolin Jabalpur, Seoni, Mandla
- Order RODENTIA  
Family SCIURIDAE
2398. *Funambulus palmarum robertsoni*  
Wroughton : Three striped palm squirrel Khargone, Khandwa, Hoshangabad,  
Seoni, Mandla
2399. *Funambulus pennanti* Wroughton  
Five striped palm squirrel Khargone, Khandwa, Sehore,  
Hoshangabad, Seoni, Mandla
2400. *Petaurista petaurista* (Pallas)  
Flying Squirrel Hoshangabad, Mandla, Seoni
2401. *Ratufa indica centralis* (Erxleben)  
Indian Giant Squirrel Hoshangabad, Mandla
- Family MURIDAE
2402. *Bandicota bengalensis* (Gray)  
Lesser bandicoot rat Khargone, Khandwa, Hoshangabad,  
Jabalpur, Mandla
2403. *Bandicota indica* (Bechstein)  
Large bandicoot rat Seoni, Mandla, Balaghat

2404. *Cremnomys blanfordi* (Thomas)  
Blanford's rat Hoshangabad, Jabalpur, Seoni, Mandla
2405. *Golunda ellioti* Gray : Indian Bush rat Hoshangabad, Dewas, Seoni, Mandla, Balaghat
2406. *Millarda meltada* Gray Mandla, Khargone, Khandwa, Hoshangabad
2407. *Mus booduga* (Gray) : Indian field mouse Khargone, Khandwa, Hoshangabad, Dewas, Jabalpur, Narsinghpur, Seoni, Mandla, Balaghat
2408. *Mus phillipsi* Wroughton Khargone, Khandwa
2409. *Mus musculus castaneus* Waterhouse Jabalpur
2410. *Mus platythrix* Bennett Khargone, Khandwa, Hoshangabad, Jabalpur, Mandla
2411. *Rattus blanfordi* (Thomas)  
White-tailed wood rat Hoshangabad, Dewas, Jabalpur
2412. *Rattus rattus narbadae* Hinton Hoshangabad, Jabalpur, Mandla, Balaghat
2413. *Rattus rattus rufescens* (Gray)  
Dark-bellied House rat Khargone, Khandwa, Hoshangabad, Jabalpur, Seoni, Mandla, Balaghat
2414. *Rattus rattus wroughtoni* Hinton  
White-bellied house rat Mandla, Balaghat,
2415. *Tatera indica indica* (Hardwicke)  
Indian Gerbil Khargone, Khandwa, Hoshangabad, Dewas, Jabalpur, Mandla
2416. *Vandeleuria oleracea* (Bennet)  
Indian long-tailed tree mouse Khargone, Khandwa, Jabalpur, Seoni, Mandla, Balaghat
- Family HYSTRICIDAE
2417. *Histrix indica* Kerr : Indian Crested Porcupine Mandla, Hoshangabad, Balaghat, Sehore, Seoni
- Order LAGOMORPHA  
Family LEPORIDAE
2418. *Caprolagus hispidus* (Pearson) : Hispid hare Mandla
2419. *Lepus nigricollis mahadeva* Wroughton & Ryley : Pachmarhi hare Narsinghpur, Seoni, Mandla, Balaghat
2420. *Lepus nigricollis nigricollis* F. Cuvier  
Black-napped hare Jabalpur
2421. *Lepus nigricollis ruficaudatus* Geoffroy Jabalpur, Dewas
2422. *Lepus nigricollis wroughtoni* (Wroughton) Khandwa, Khargone

## 5. GENERAL REMARKS

It is obvious from the above list that many groups are still unexplored and less represented especially invertebrates. It is safely assumed that the groups not listed here are either not investigated or no information is available. There is an urgent need to focus the future studies on poorly known groups such that the true picture of the faunal profile of the river basin will emerge. The analysis of the faunal resources so far recorded from the river basin are summarised below.

**Protozoa** are unicellular eukaryotic microorganisms found in almost all terrestrial and aquatic habitats. They constitute an assemblage of innumerably diversified and phylogenetically distantly related taxa with very simple to complex life cycles. They are represented by 7 species belonging to two families.

**Platyhelminthes** are commonly known as 'flatworms'. A group of extremely variable and mostly endo or ecto parasitic animals with dorsoventrally flattened body. Twelve species belonging to two families of class Trematoda are known from the basin.

**Nemathelminthes** are commonly known as 'roundworms'. Nematodes are found almost everywhere. A sizable percentage of them are parasites of agricultural and horticultural crops, vertebrates and invertebrates while some are free living in the soil or aquatic habitats. They are represented by 2 species of 2 genera.

**Rotifera** are microscopic aquatic animals. They can be found in many freshwater environments such as rivers streams, lakes and even on freshwater crustaceans and aquatic insect larvae. Twenty-seven species are reported from the river basin.

**Annelida** are true worms with a linear series of similar body segments, marked externally by intersegmental grooves. The phylum includes Polychaetes (bristleworms), Oligochaetes (earthworms) and Hirudinia (leeches). They are represented by 35 species belonging to 10 families under two classes.

**Arthropoda** comprises the largest and the most diverse group of animals on earth. Among various types of arthropods, Crustacea forms voluminous group which has adapted to live in diverse habitats including variety of aquatic habitat and represented by 43 species of Ostracoda, Cladocera, Copepoda and Decapoda put together. The Acarines are represented by 27 species and six species of ticks. The Arachnida, most ubiquitous and the most diverse predators of insects in terrestrial communities, the spiders are represented by 155 species and 10 species of scorpions. Centipedes are represented by 10 species. One species of solifugae is also reported.

**Insecta** enjoys the distinction of being the largest group of animals in the world. They are the most conspicuous, ubiquitous and diverse creatures and still not very well known. They are the most beneficial as well as the most harmful group of animals to mankind. The large number of insect species occurs in a variety of habitats running across the basin.

**Ephemeroptera**, the amphibiotic insects commonly known as 'mayflies', make their presence in the basin by 4 species.

**Odonata** popularly called 'dragon flies' and 'damselflies' are much admired for their iridescent colours and excellent flying skills and predation. They are represented by 46 species.

**Plecoptera**, the 'stone flies' is so far known by a single species.

**Orthoptera**, includes common insects like grasshoppers, locusts, crickets, mole crickets and grouse locusts is known by 80 species from the basin.

**Phasmida**, moderate to large sized, the forms of elongated and cylindrical body are known as 'stick insects', while depressed and leaf-like body represents the 'leaf insects' A single species is known so far from the basin.

**Dermaptera** includes medium to moderately large sized, nocturnal, hygrophilous and secretive insects commonly known as 'earwigs' Their peculiarity is a pair of unsegmented chitinous forceps at the end of body. Twelve species are known from the basin.

**Embioptera** these medium sized, slender built, campodeiform, primitive insects are commonly known as 'web-spinners' Only 2 species are so far known from the basin.

**Blattaria** these brownish black or black insects are commonly known as 'cockroaches'. This group of insects is represented by 13 species.

**Mantodea** : These predatory insects are popularly known as 'praying mantis' because of the habit of adults in holding their grasping forelegs in 'namaste' posture while waiting for the prey. Twenty-three species are known from the basin.

**Isoptera** : These social and polymorphic insects are commonly known as 'termites' or 'white ants' Thirty-six species are so far recorded from the basin

**Phthiraptera**, the 'biting lice' are ectoparasites of birds and occasionally of some mammals. Four species are known from the basin.

**Hemiptera**, small to medium-sized insects commonly called 'true bugs' They possess piercing and sucking type of mouth parts. A few species are also aquatic. They are generally phytophagous but a few species are predaceous. Altogether 183 species are recorded from basin including aquatics.

**Thysanoptera** includes relatively small insects commonly known as 'thrips' or 'fringe-wings'. Most of them are phytophagous, some are mycophagous and a few species are predaceous. Thirty-six species are known from the basin.

**Neuroptera**, small to large sized, soft bodied predatory insects commonly known as 'Lacewings' They are easily recognized by the fine network of veins on generally transparent wings and well-developed antennae. Twenty species are represented in the basin.

**Coleoptera**, commonly known as 'beetles' characterized by the forewings much thickened, veinless and meeting in a mid-dorsal straight line. Beetles are a ubiquitous group of insects occupying all imaginable habitats and outnumber in described species are represented by 328 species.

**Mecoptera**, commonly known as 'scorpionflies' as terminal abdominal segments are upturned in the manner of scorpion. A small insect order relatively poor in species. Only one species is so far recorded from the basin.

**Siphonaptera** : These are small, wingless insects with piercing and sucking type of mouthparts. Adults are ectoparasites of warm-blooded animals. Five species are known from the basin.

**Diptera** are true flies comprising mosquitoes and midges with two wings. Hind wings are modified into halteres or balancers. This order of insects is very important from medical, veterinary and agricultural point of view, represented by 102 species.

**Lepidoptera**, these are small to very large sized insects commonly known as 'butterflies' and 'moths' and possess two pairs of well-developed wings with coloured scales on them. The wings are brilliantly coloured in many species. Altogether 413 species are known of which, 119 species are butterflies and 294 species are moths.

**Trichoptera**, these are moth-like insects commonly known as 'caddisflies' Twenty-three species are known from the area.

**Hymenoptera** these are small to large sized insects with two pairs of veined or almost veinless wings or may be wingless, as in some worker ants. In most hymenoptera, a constriction lies between thorax and abdomen. Many species are social and polymorphic. Females of some species are furnished with ovipositors having stings or saws. Forty-seven species are so far recorded from the area.

**Mollusca** are soft-bodied animals, a majority of which are covered by a hard shell; this includes familiar snails, slugs and mussels. Thirty-nine species are known from the basin.

**Bryozoa** are sessile aquatic, colonial invertebrates. This group is represented by 3 species from the basin.

**Pisces** among vertebrates, fishes play an important role in balancing the natural system of wetlands and form bulk of the primary and secondary consumers in the aquatic ecosystem. They are also of immense economic importance to mankind as good source of protein, vitamins and minerals. Fish diversity in the basin is exemplary resulting in the sustainable development of fisheries; altogether 155 species are recorded so far. Many species are categorised as threatened viz. *Tor putitora*, *Tor tor*, *Tor khudree*, *Notopterus chitala*, *Labeo dyocheilus*, *Rita rita*, *Puntius sophore*, *Mystus tengara*, *Glyptothorax lonah*, *Noemacheilus helius beavani*, *Silonia silondia*, *Eutropiichthys vacha*, *Barilius vagra*, *Lebistes reticulatus*, *Colisa fasciatus*, *Anguilla bengalensis*, *Hilsa ilisha* *Ompok pabda*, *Goniolosa manmina*, *Mystus cavasius*, *Rhinomugil corsula*, *Anabas testudineus*( Dubey, 1994).

**Amphibia** : Frogs and toads of Narmada river basin found in wide varieties of habitats include 15 species.

**Reptilia** : Crocodiles, Turtles, Snakes and Lizards of the basin are represented by 62 species.

**Aves** comparatively well studied and documented group, so far 345 species of birds are recorded from Narmada river basin.

**Mammalia** : Narmada river basin provides shelter to 88 species of large and small mammals. A sizable population of these animals is more or less restricted to protected areas.

**Table -I. showing faunal diversity of Narmada River Basin in Madhya Pradesh at a Glance**

Sl. No.	Name of the group	No. of species recorded
1	PROTOZOA	7
2	PLATYHELMINTHES	12
3	NEMATHELMINTHES	2
4	ROTIFERA	27
5	ANNELIDA	35
	<b>ARTHROPODA</b>	
6	CRUSTACEA	43
7	CHILOPODA	10
	<b>ARACHNIDA</b>	
8	SCORPIONIDA	10
9	SOLIFUGAE	1
	<b>ACARINA</b>	
10	PROSTIGMATA	27
11	METASTIGMATA	6
12	ARANEAE	155
	<b>INSECTA</b>	
13	EPHEMEROPTERA	4
14	ODONATA	46
15	PLECOPTERA	1
16	ORTHOPTERA	80
17	PHASMIDA	1
18	DERMAPTERA	12
19	EMBIOPTERA	2
20	BLATTARIA	13
21	MANTODEA	23
22	ISOPTERA	36
23	PHTHIRAPTERA	4
24	HEMIPTERA	183
25	THYSANOPTERA	36
26	NEUROPTERA	20
27	COLEOPTERA	328
28	MECOPTERA	1
29	SIPHONAPTERA	5
30	DIPTERA	102
31	LEPIDOPTERA	413
32	TRICHOPTERA	23

Sr. No.	Name of the group	No. of species recorded
33	HYMENOPTERA	47
34	MOLLUSCA	39
35	BRYOZOA (Ectoprocta)	3
36	PISCES	155
37	AMPHIBIA	15
38	REPTILIA	62
39	AVES	345
40	MAMMALIA	88
	<b>TOTAL</b>	<b>2422</b>

The Narmada River Valley has been the centre of attraction for stratigraphic investigations which resulted in the significant contribution to understand the palaeoenvironment and palaeoclimate. It is noted that the valley was a vast savannah land with flood plains, back swamps and water pools inhabited by hoofed mammals and reptiles. The climate was conducive for animals to migrate from the north during the glacial period.

The marked discontinuity in the distribution of many wet-zone species in India is one of the features of South Asian biogeography. To explain this disjunct distribution one of the most influential hypotheses put forward by Hora (1949) is the Satpura hypothesis. He postulated that the wet-zone species colonized South India by way of once continuous corridor of tropical evergreen forests from eastern Himalaya across Vindya-Satpura ranges to the Western Ghats of South India. Many others have suggested alternative corridors for dispersal such as Eastern Ghats, Abdulali (1949), the Brij area of Northern India, Dilger (1952) and Aravali range, Mani (1974). Still others consider that current discontinuity of some species might represent a relict of a former continuous distribution. The scenario of the relict fauna suggest that major part of India and South East Asia was covered with extensive and continuous humid forest that has recently been broken into isolated patches mainly due to climatic change, Karanth (2003).

Hora's Satpura hypothesis has been debated by many authors and opined that it is untenable for different reasons, Daniels (2001). However, the recent studies on aquatic and semi-aquatic Hemiptera corroborates the Satpura hypothesis and supplements the concept of disjunct distribution in wet-zone species. For example, the occurrence of nepomorphan bugs family, Aphelocheridae from Central India, Thirumalai (2008), which was so far known from Southern Western Ghats and Eastern Himalaya. Further, the occurrence of *Stridulobates andersoni* Zettel & Thirumalai, a gerromorphan bug from the table land of Central India is another example of disjunct distribution, hitherto known from Southern Western Ghats and Satpura range in Western India, Thirumalai *et al* (2007).

## 6. SUMMARY

The present study embodies the enumeration together with distribution of 2422 species (665 are vertebrates and 1757 invertebrates) belonging to 40 different faunal groups so far known from the Narmada river basin covering 23 districts of the Madhya Pradesh State. The

compilation is based on monumental works like *Fauna of British India*, *Fauna of India* and innumerable scattered articles, documents and reports. The information on natural resources, protected areas, forest cover and important religious, historical and tourist places falling in the basin is also provided.

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To have easy access and convenience the bibliography is provided group-wise. The sequence is maintained as given in the species list above.

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**PLATE-I**



Amarkantak—Origin of Narmada River

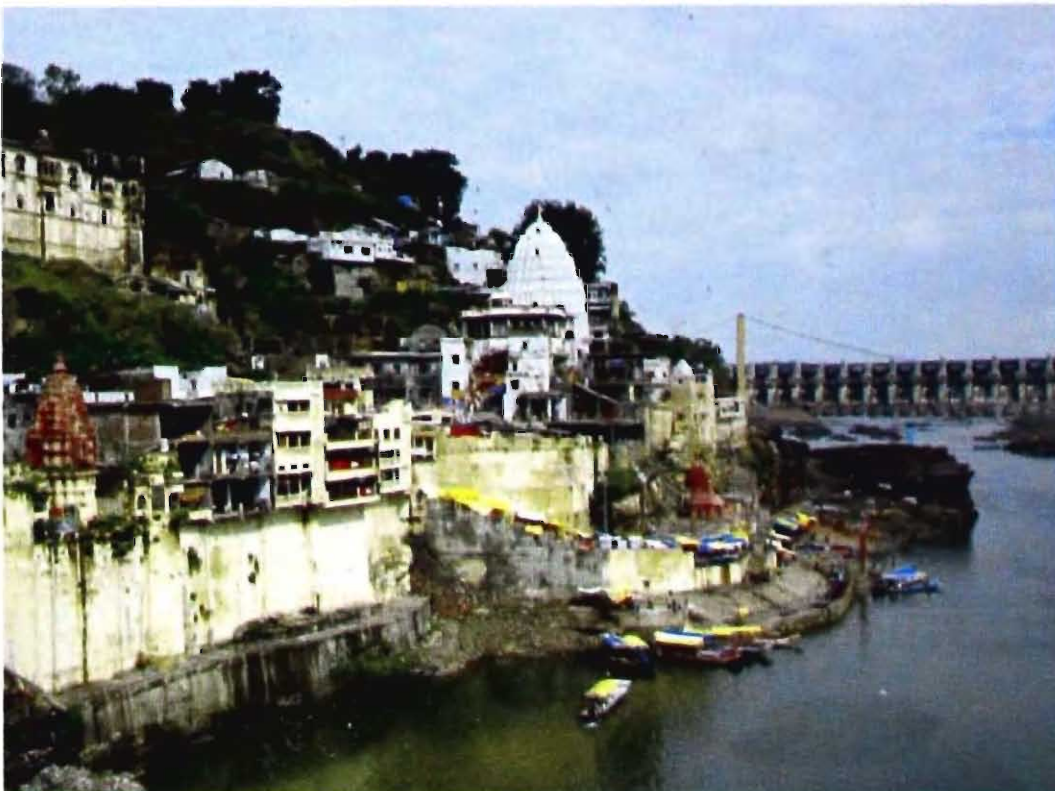


Dhuandhar, Bhedaghat, Jabalpur

**PLATE-II**



Marble Rocks, Bandar Kudni, Bhedaghat, Jabalpur



Omkareshwar Temple on the bank of Narmada River, Dist. Khargone

**PLATE-III**



Onkareshwar Ghat, Dist. Khargone



Tawa River in Pachmarhi Biosphere, Dist. Hoshangabad

**PLATE-IV**



Maheshwar Ghat, Dist. Dhar



Maheshwar Fort, Dist. Dhar

**PLATE-V**



Pandav Gupha, Pachmarhi, Hoshangabad



Pachmarhi Hills, Hoshangabad

**PLATE-VI**



A Deciduous Forest Patch in Narmada Basin



Bamboo Forest in Pachmarhi BR, Hoshangabad



*Leucage decorata* (Blackwall)



*Nephila maculata* (Fabricius)



*Argiope aemula* (Wackenaer)



*Neoscona nautica* (Koch)

PLATE-VIII



*Holochlora* sp.



*Poekilocerus pictus* (Fabricius)



*Gastrimargus africanus africanus* (Saussure)



*Catantops pinguis innotabilis* (Walker)



*Xenocatantops humilis humilis* (Serville)



*Euscelimena harpago* (Serville)

PLATE-IX



*Gongylus gongylodes* (Linnaeus)



*Deiphobe* sp.



*Palpares pardus* Rambur



*Tomatares pardalis* (Fabricius)



*Distoleon verendus* (Walker)



*Ogcogaster tesselata* (Westwood)

PLATE-X



*Onthophagus pactolus* (Fabricius)



*Anatona* sp.



*Xylotrupes gideon* (Linnaeus)



*Mylabris* sp.



*Sternocera chrysis* Fabricius



*Stibora nigricornis* Fabricius

PLATE-XI



*Pachliopta hector* (L.)  
The Common Rose



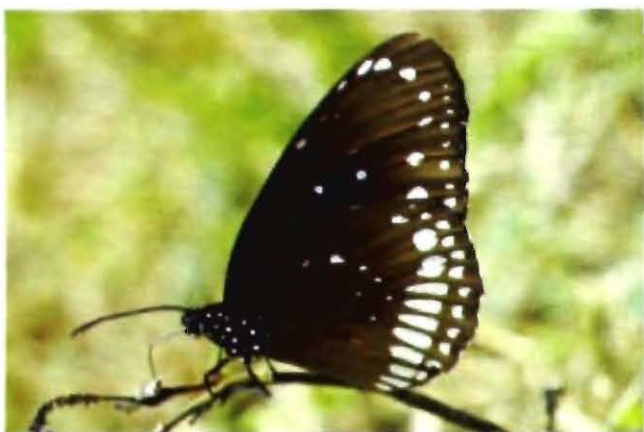
*Cepora nerissa phryne* (Fabricius)  
The Common Gull



*Ixias marianne* (Cramer)  
The White Orange TIP



*Tirumala limniace leopardus* (L.)  
The Blue Tiger



*Euploea core core* (Cramer)  
The Common Indian Crow



*Danaus chryslippus chryslippus* (Linnaeus)  
The Common Tiger

PLATE-XII



*Hypolimnas bolina* (Linnaeus)  
The Great Eggfly (Female)



*Hypolimnas bolina* Linnaeus  
The Great Eggfly (Male)



*Kallima inachus* (Boisduval)  
The Orange Oakleaf



*Junonia lemonias vaisya* Fruhstorfer  
The Lemon Pansy



*Polyura athamas* (Drury)  
The Common Nawab



*Leptotes plinius* Fabricius  
The Zebra Blue

PLATE-XIII



*Pseudozizeeria maha* (Kollar)  
The Pale Grass Blue



*Spindasis vulcanus* Fabricius  
The Common Silverline



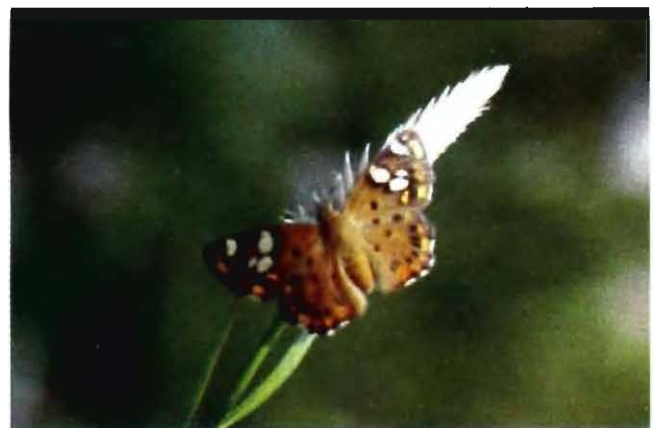
*Castalius rosimon rosimon* (Fab.)  
The Common Pierrot



*Telicota ancilla bambusae* (Moore)  
The Dark Palm Dart



*Spialia galba* (Frab.)  
The Indian Skipper



*Colodena indrani* (Moore)  
The Tricolored Pied Flat

PLATE-XIV



*Actias selene* Huber  
Moon Moth



*Antheraea paphia* Linnaeus



*Diaphania indica* (Saunders)



*Micronia aculeata* Guen'ee



*Theretra alecto alecto* (Linnaeus)



*Achaea janata* (Linnaeus)

PLATE-XV



Rasbora  
*Rasbora rasbora* (Hamilton)



Fire Fin Barb  
*Puntius ticto* (Hamilton)



Bata  
*Labeo bata* (Hamilton)



Wynaad Mystus  
*Mystus montanus* (Jerdon)



Stinging Cat Fish  
*Heteropneustes fossilis* (Bloch)



Freshwater Garfish  
*Xenentodon cancila* (Hamilton)

**PLATE-XVI**



Common Indian Toad  
*Bufo melanostictus* Schneider



Painted Frog  
*Kaloula pulchra* Gray



Marbled Baloon Frog  
*Uperodon systoma* (Schneider)



Indian Bull Frog  
*Hoplobatrachus tigerinus* (Daudin)



Burrowing Frog  
*Spaerothea breviceps* (Schneioer)



Common Free Frog  
*Polypedates maculatus* Gray

PLATE-XVII



Indian Soft Shell Turtle  
*Aspideretes gangeticus* (Cuvier)



Indian Flapshell Turtle  
*Lissemys punctata* (Bonnaterre)



Blanford's Rock Agama  
*Psammophilus blanfordanus* (Stoliczka)



Snake Eyed Lacerta  
*Ophisops jerdoni* Blyth



Common Skink  
*Mabuya carinata* (Schneider)



Indian Chamaeleon  
*Chamaeleo zeylanicus* Laurenti

PLATE-XVIII



Fan Throated Lizard  
*Sitana ponticeriana* Cuvier



Common Indian Monitor  
*Varanus bengalensis* (Daudin)



Indian Rock Python  
*Python molurus* (L.)



Common Sand Boa  
*Eryx conicus* (Schneider)



Russell's Viper  
*Vipera russelli* (Shaw)



Green Pit Viper  
*Trimeresurus gramineus* (Shaw)

PLATE-XIX



Darter  
*Anthinga melangaster* Pennant



Black Ibis  
*Pseudibis papilosa* (Temminck)



Bar-headed Goose  
*Anser indicus* (Latham)



Crested Serpent Eagle  
*Spilornis cheela* (Latham)



Grey Jungle fowe  
*Gallus sonneratii* Temminck



Indian Peafowl  
*Pavo cristatus* Linnaeus

**PLATE-XX**



White breasted waterhen  
*Amaurornis phoenicurus* (Pennant)



Spotted Dove  
*Streptopelia chinensis* (Scopoli)



Red Collared Dove  
*Streptopelia tranquebarica* (Hermann)



Greater Coucal  
*Centropus sinensis* (Stephens)



Barn Owl  
*Tyto alba* (Scopoli)



Lesser Pied Kingfisher  
*Ceryle rudis* (Linnaeus)

PLATE-XXI



Small Blue Kingfisher  
*Alcedo atthis* Linnaeus



White-breasted Kingfisher  
*Halcyon smyrnensis* Linnaeus



Common Hoopoe  
*Upupa epops* Linnaeus



Indian Grey Hornbill  
*Ocyceros birostris* (Scopoli)



Large Pied Wagtail  
*Motacilla maderaspatensis* Gmelin



Redvented Bulbul  
*Pycnonotus cafer* (Linnaeus)

**PLATE-XXII**



Red-whiskered Bulbul  
*Pycnonotus jacosus* (Linnaeus)



White-browed Fantail Flycatcher  
*Rhipidura aureola* (Lesson)



Purple sunbird  
*Nectarinia asiatica* (Latham)



Black-headed Munia  
*Lonchura malacca* (Linnaeus)



Greater Racket-tailed Drongo  
*Dicrurus paradiseus* Linnaeus



Indian treepie  
*Dendrocitta vagabunda* (Latham)

PLATE-XXIII



Hanuman Langur  
*Semnopithecus entellus entellus* (Dufrense)



Asiatic Jackal  
*Canis aureus aureus* Linnaeus



Wild Dog  
*Cuon alpinus* (Pallas)



Jungle Cat  
*Felis chaus kutas* Pearson



Tiger  
*Panthera tigris* (Linnaeus)



Leopard  
*Panthera pardus fusca* Meyer

PLATE-XXIV



Wild Boar  
*Sus scrofa cristatus* (Wagner)



Cheetal  
*Axis Axis* (Erxleben)



Sambar  
*Cervus unicolor niger* Blainville



Indian Gaur  
*Bos gaurus gaurus* Smith



Black Buck  
*Antelope cervicapra* (Linnaeus)



Indian Giant Squirrel  
*Ratufa indica centralis* (Blanford)

