

A Review of Coleoptera Diversity of Chhattisgarh: Updated Checklist 2015

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Abstract: Chhattisgarh is enriched in diversity of flora and fauna. It is spread from 80° 15' to 84° 24' E and 17° 46' to 24° 5' N. Chhattisgarh state is covered by dense forest and hills. The present review documented several species of Coleoptera order in Chhattisgarh. There are 194 species of beetles belonging to 6 families and 23 subfamilies of order Coleoptera (refer checklist), documented from Chhattisgarh. The families viz. Scarabaeidae (78 species), Tenebrionidae (12 species), Geotrupidae (4 species), Cerambycidae (3 species) and Hybosoridae (2 species). Chrysomelidae family indicates highest number of species (95 species).

Keywords: Coleoptera, diversity, Chhattisgarh, beetles, checklist

1. Introduction

Chhattisgarh is endowed with diverse groups of flora and fauna. Geographical location of Chhattisgarh state is in between 80° 15' to 84° 24' E and 17° 46' to 24° 5' N. It is covered by dense forest and hills. The present review on paper is several species of Coleoptera order in Chhattisgarh. Coleoptera is one of the largest orders of class insect and they are cosmopolitan in distribution. Overall 3,50,000 species of beetles are identified worldwide (Choate, 2001) and about 1,5088 species are found in India (Kazmi and Ramamurthy, 2004). The diversity of beetles is extremely broad. Beetles are particular species that are adapted to almost every type of diet. Coleoptera are minute to very large insect of various form and colour but mostly powerfully sclerotized forewings adapted into defensive covers or elytra. The compound eyes are normally prominent (Thakare *et al.* 2012). Coleoptera comprise a speciose group and there are conspicuous component of the beetle fauna of the world. Beetles are debris feeder, some feed on plants by making hole into plant tissue and tunnels in wood or under bark, fungi, dung, flesh, flower, fruit, leaves and pollen while some beetles are predator, thus play an important role in nature's sanitation. (Pawara *et al.*, 2014). Scarabaeidae family is the largest family of insect which includes more than 30000 species in the world. Dung beetles, that family of Scarabaeidae have been effectively used to decrease the population of parasitic worms and pestilent flies that breed in cattle. Ground beetles (Carabidae) are common predators of many diverse insects and other arthropods, including wireworms, fly eggs, caterpillars, and other (Banerjee, 2014). Leaf beetles (Chrysomelidae) being phytophagous, the group includes various established and potential agricultural pests.

2. Literature Survey

Kalaichelvan and Verma (2005a) explained in detail about life cycle of Chrysomelidae: Criocerinae from Bhilai-Durg. Chandra and Gupta (2012) investigated 4 species of the genus *Bolbohamatum*; *B. phallosum* Krikken, 1980, *B. laterale* (Westwood, 1848), *B. marginale* Krikken, 1980 and *B. calanus* (Westwood 1848), and one species of genus *Bolbogonium*; *B. insidiosum* Krikken, 1977 were studied from the states Madhya Pradesh and Chhattisgarh. *B.*

calanus constitutes new reports for Chhattisgarh. Chandra and Gupta (2013) investigated 43 species of scarab beetles belonging to 25 genera, 16 tribes and 8 subfamilies in two families Scarabaeidae and Hybosoridae of the superfamily Scarabaeoidea from Barnawapara wildlife sanctuary, Chhattisgarh. The dominant subfamily scarabaeinae includes 31 species followed by subfamilies Aphodiinae, Cetoniinae and Hybosorinae consisting of a single species each then Melolonthinae with three species Orphninae, Dynastinae and Rutelinae with two species each. Chandra and Gupta (2013) reported taxonomic account of 52 species of dung beetles belonging to 22 genera, 12 tribes, 04 subtribes, 5 subfamilies and 03 families viz. Scarabaeidae, Hybosoridae and Geotrupidae from Chhattisgarh. The maximum number of species were collected from Barnawapara Wildlife Sanctuary (41 species) followed by Achanakmar-Amarkantak Biosphere Reserve (27 species) and Kanger valley National Park (15 species). Total 95 species collected by Kalaichelvan and Verma (2005b) belonging to the subfamilies Criocerinae (10 species), Chlamisinae (1 species), Clytrinae (6 species), Eumolpinae (6 species), Cassidinae (18 species), Cryptocephalinae (8 species), Chrysomelinae (4 species), Hispinae (4 species), and Galerucinae (18 species) of the chrysomelid fauna of Bhilai-Durg. Chandra and Gupta (2012) collected 581 specimens of the scarab beetles from Achanakmar-Amarkantak Biosphere reserve which yielded the identification of 52 species belonging to 24 genera and 05 subfamily Rutelinae, Cetoniinae, Scarabaeinae, Dynastinae and Melolonthinae of family Scarabaeidae. Chandra and Gupta (2012) studied diversity and relative abundance of pleurostict scarabaeidae (Coleoptera: Dynastinae, Scarabaeidae, Rutelinae, Cetoniinae, Melolonthinae) in Achanakmar-Amarkantak Biosphere reserve, Chhattisgarh. 12 new records of darkling beetles to 07 districts of Chhattisgarh state viz; Bilaspur, Raigarh, Koriya, Surguja, Durg, Raipur and Bastar. The recorded 12 species belonging to 09 genera of 05 tribes under 03 subfamilies of the family Tenebrionidae (Coleoptera) by Hegde *et al* (2015).

3. Conclusion

Chhattisgarh provides diverse atmosphere to different species of coleopteran. A checklist (Table 1) of the reported

Coleoptera fauna from different localities of Chhattisgarh state; there are 194 species of beetles belonging to 6 families and 23 subfamilies of order Coleoptera (refer checklist), documented from state Chhattisgarh. The families Viz. Scarabaeidae, Hybosoridae, Geotrupidae, Cerambycidae, Chrysomelidae, Tenebrionidae. The highest numbers of beetles were collected from the family Chrysomelidae (95 species belonging to 10 subfamily) followed by

Scarabaeidae (78 species belonging to 7 subfamily), Tenebrionidae (12 species under the 3 subfamily), Geotrupidae (4 species belonging to 1 subfamily), Cerambycidae (3 species under the 1 subfamily), Hybosoridae (2 species belonging to 1 subfamily). Dominance diversity graph show differences in the beetle's population of these 6 families (Fig. 1).

Table 1: An updated checklist of coleopteran families 2015

S.No.	Name of species	Subfamily	Family
1.	<i>Scarabaeus sanctus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
2.	<i>Sisyphus neglectus</i> Gory	Scarabaeinae	Scarabaeidae
3.	<i>Sisyphus longipers</i> (Olivier)	Scarabaeinae	Scarabaeidae
4.	<i>Gymnopleurus cyaneus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
5.	<i>Gymnopleurus gemmatus</i> Harold	Scarabaeinae	Scarabaeidae
6.	<i>Gymnopleurus miliaris</i> (Fabricius)	Scarabaeinae	Scarabaeidae
7.	<i>Paragymnopleurus sinuatus</i> (Olivier)	Scarabaeinae	Scarabaeidae
8.	<i>Garreta smaragdifer</i> (Walker)	Scarabaeinae	Scarabaeidae
9.	<i>Garreta dejeani</i> (Castelnau)	Scarabaeinae	Scarabaeidae
10.	<i>Garreta mundus</i> (Wiedemann)	Scarabaeinae	Scarabaeidae
11.	<i>Heliocopris bucephalus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
12.	<i>Catharsius pithecius</i> (Fabricius)	Scarabaeinae	Scarabaeidae
13.	<i>Catharsius molossus</i> (Linnaeus)	Scarabaeinae	Scarabaeidae
14.	<i>Catharsius sagax</i> (Quenstedt)	Scarabaeinae	Scarabaeidae
15.	<i>Caccobius unicornis</i> (Fabricius)	Scarabaeinae	Scarabaeidae
16.	<i>Copris carinicus</i> Gillet	Scarabaeinae	Scarabaeidae
17.	<i>Copris repertus</i> Walker	Scarabaeinae	Scarabaeidae
18.	<i>Copris imitans</i> Felsche	Scarabaeinae	Scarabaeidae
19.	<i>Copris surdus</i> Arrow	Scarabaeinae	Scarabaeidae
20.	<i>Phalops divisus</i> (Wiedemann)	Scarabaeinae	Scarabaeidae
21.	<i>Onthophagus igneus</i> Vigors	Scarabaeinae	Scarabaeidae
22.	<i>Onthophagus pactolus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
23.	<i>Onthophagus cervus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
24.	<i>Onthophagus ramosellus</i> Bates	Scarabaeinae	Scarabaeidae
25.	<i>Onthophagus bonasus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
26.	<i>Onthophagus griseosetosus</i> Arrow	Scarabaeinae	Scarabaeidae
27.	<i>Onthophagus gazella</i> (Fabricius)	Scarabaeinae	Scarabaeidae
28.	<i>Onthophagus ramosus</i> (Wiedemann)	Scarabaeinae	Scarabaeidae
29.	<i>Onthophagus spinifex</i> (Fabricius)	Scarabaeinae	Scarabaeidae
30.	<i>Onthophagus dama</i> (Fabricius)	Scarabaeinae	Scarabaeidae
31.	<i>Onthophagus quadridentatus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
32.	<i>Onthophagus armatus</i> Blanchard	Scarabaeinae	Scarabaeidae
33.	<i>Onthophagus agnus</i> Gillet	Scarabaeinae	Scarabaeidae
34.	<i>Onthophagus ludio</i> Boucomon	Scarabaeinae	Scarabaeidae
35.	<i>Onthophagus hindu</i> Arrow	Scarabaeinae	Scarabaeidae
36.	<i>Onthophagus abreui</i> Arrow	Scarabaeinae	Scarabaeidae
37.	<i>Onthophagus unifasciatus</i> (Schaller)	Scarabaeinae	Scarabaeidae
38.	<i>Onthophagus Sagittarius</i> (Fabricius)	Scarabaeinae	Scarabaeidae
39.	<i>Onitis philemon</i> Fabricius	Scarabaeinae	Scarabaeidae
40.	<i>Onitis subopacus</i> Arrow	Scarabaeinae	Scarabaeidae
41.	<i>Oniticellus cinctus</i> (Fabricius)	Scarabaeinae	Scarabaeidae
42.	<i>Paragymnopleurus sinuatus</i> (Olivier)	Scarabaeinae	Scarabaeidae
43.	<i>Tiniocellus spinipes</i> (Roth)	Scarabaeinae	Scarabaeidae
44.	<i>Tibiodrepanus setosus</i> (Wiedemann)	Scarabaeinae	Scarabaeidae
45.	<i>Drepanocerus setosus</i> (Wiedemann)	Scarabaeinae	Scarabaeidae
46.	<i>Anomala bengalensis</i> (Blanchard)	Rutelinae	Scarabaeidae
47.	<i>Anomala biharensis</i> Arrow	Rutelinae	Scarabaeidae
48.	<i>Anomala cantori</i> (Hope)	Rutelinae	Scarabaeidae
49.	<i>Anomala dorsalis</i> (Fabricius)	Rutelinae	Scarabaeidae
50.	<i>Anomala polita</i> (Blanchard)	Rutelinae	Scarabaeidae
51.	<i>Anomala ruficapilla</i> Burmeister	Rutelinae	Scarabaeidae
52.	<i>Anomala rugosa</i> Arrow	Rutelinae	Scarabaeidae
53.	<i>Anomala varicolor</i> (Gyllenhal)	Rutelinae	Scarabaeidae
54.	<i>Anomala sp.</i>	Rutelinae	Scarabaeidae
55.	<i>Mimela macleayana</i> (Vigors)	Rutelinae	Scarabaeidae

56.	<i>Mimela inscripta</i> (Nonfried)	Rutelinae	Scarabaeidae
57.	<i>Popillia laevis</i> Burmeister	Rutelinae	Scarabaeidae
58.	<i>Adoretus lasiopygus</i> Burmeister	Rutelinae	Scarabaeidae
59.	<i>Adoretus bicolor</i> Brenske	Rutelinae	Scarabaeidae
60.	<i>Adoretus limbatus</i> Blanchard	Rutelinae	Scarabaeidae
61.	<i>Adoretus bimarginatus</i> Ohaus	Rutelinae	Scarabaeidae
62.	<i>Adorectus duvauceli</i> Blanchard	Rutelinae	Scarabaeidae
63.	<i>Xylotrupes gideon</i> (Linnaeus)	Dynastinae	Scarabaeidae
64.	<i>Alissonotum simile</i> Arrow	Dynastinae	Scarabaeidae
65.	<i>Phyllognathus dionysius</i> (Fabricius)	Dynastinae	Scarabaeidae
66.	<i>Heteronychus lioderes</i> Redtenbacher	Dynastinae	Scarabaeidae
67.	<i>Eophileurus platypterus</i> (Wiedmann)	Dynastinae	Scarabaeidae
68.	<i>Apogonia proxima</i> Waterhouse	Melolonthinae	Scarabaeidae
69.	<i>Schizonycha ruficollis</i> (Fabricius)	Melolonthinae	Scarabaeidae
70.	<i>Holotrichia sculpticollis</i> Blanchard	Melolonthinae	Scarabaeidae
71.	<i>Holotrichia problemetica</i> Brenske	Melolonthinae	Scarabaeidae
72.	<i>Clinteria klugi</i> (Hope)	Cetoniinae	Scarabaeidae
73.	<i>Gametis versicolor</i> (Fabricius)	Cetoniinae	Scarabaeidae
74.	<i>Orphnus impressus</i> Westwood	Orphninae	Scarabaeidae
75.	<i>Orphnus parvus</i> (Wiedemann)	Orphninae	Scarabaeidae
76.	<i>Aphodius moestus</i> Fabricius	Aphodiinae	Scarabaeidae
77.	<i>Aphodius crenatus</i> Harold	Aphodiinae	Scarabaeidae
78.	<i>Rhyssemus germanus</i> (Linnaeus)	Aphodiinae	Scarabaeidae
79.	<i>Hybosorus orientalis</i> Westwood	Hybosorinae	Hybosoridae
80.	<i>Phaeochrous emarginatus</i> (Castelnau)	Hybosorinae	Hybosoridae
81.	<i>Bolbohamatum marginale</i> Krikken	Bolboceratinae	Geotrupidae
82.	<i>Bolbohamatum calamus</i> (Westwood)	Bolboceratinae	Geotrupidae
83.	<i>Bolbohamatum phallosum</i> Krikken	Bolboceratinae	Geotrupidae
84.	<i>Bolboceras quadridens</i> (Fabricius)	Bolboceratinae	Geotrupidae
85.	<i>Prionomma atratum</i> (Gmelin)	Prioninae	Cerambycidae
86.	<i>Bandar pascoei pascoei</i> (Lansberge)	Prioninae	Cerambycidae
87.	<i>Acanthoporus serraticornis</i> (Olivier)	Prioninae	Cerambycidae
88.	<i>Lema coromandeliana</i> Fabricius	Criocerinae	Chrysomelidae
89.	<i>Lema (Oulema) downesi</i> Baly	Criocerinae	Chrysomelidae
90.	<i>Lema histrio</i> Clark	Criocerinae	Chrysomelidae
91.	<i>Lema maheensis</i> Jacoby	Criocerinae	Chrysomelidae
92.	<i>Lema praeusta</i> Fabricius	Criocerinae	Chrysomelidae
93.	<i>Lema rufotestacea</i> Clark	Criocerinae	Chrysomelidae
94.	<i>Lema semifulva</i> Jacoby	Criocerinae	Chrysomelidae
95.	<i>Lema singularis</i> Jacoby	Criocerinae	Chrysomelidae
96.	<i>Lema terminate</i> Lacordaire	Criocerinae	Chrysomelidae
97.	<i>Lema tibitella</i> Weise	Criocerinae	Chrysomelidae
98.	<i>Gynandrophthalma longicornis</i> Jacoby	Clytrinae	Chrysomelidae
99.	<i>Gynandrophthalma divisa</i> Jacoby	Clytrinae	Chrysomelidae
100.	<i>Gynandrophthalma duvivieri</i> Jacoby	Clytrinae	Chrysomelidae
101.	<i>Aetheomorpha maduraensis</i> Jacoby	Clytrinae	Chrysomelidae
102.	<i>Aetheomorpha fallax</i> Lacordaire	Clytrinae	Chrysomelidae
103.	<i>Aspidolopha</i> sp.	Clytrinae	Chrysomelidae
104.	<i>Cryptocephalus bissexsignatus</i> Suffrian	Cryptocephalinae	Chrysomelidae
105.	<i>Cryptocephalus ovulum</i> Suffrian	Cryptocephalinae	Chrysomelidae
106.	<i>Cryptocephalus pallidipennis</i> Jacoby	Cryptocephalinae	Chrysomelidae
107.	<i>Cryptocephalus sehestedti</i> Fabricius	Cryptocephalinae	Chrysomelidae
108.	<i>Cryptocephalus sexsignatus</i> Fabricius	Cryptocephalinae	Chrysomelidae
109.	<i>Cryptocephalus uniformis</i> Jacoby	Cryptocephalinae	Chrysomelidae
110.	<i>Cryptocephalus vahli</i> Fabricius	Cryptocephalinae	Chrysomelidae
111.	<i>Cryptocephalus</i> sp.	Cryptocephalinae	Chrysomelidae
112.	<i>Chlamys stercoralis</i> Gressitt	Chlamisinae	Chrysomelidae
113.	<i>Abirus</i> sp.	Eumolpinae	Chrysomelidae
114.	<i>Basilepta latefaciata</i> Jacoby	Eumolpinae	Chrysomelidae
115.	<i>Colaspoma auripenne</i> Motschulsky	Eumolpinae	Chrysomelidae
116.	<i>Pachnephorus impressus</i> Rosenh	Eumolpinae	Chrysomelidae
117.	<i>Pagria signata</i> Motschulsky	Eumolpinae	Chrysomelidae
118.	<i>Platycorynus peregrinus</i> Fuessly	Eumolpinae	Chrysomelidae
119.	<i>Chrysomela exanthematica</i> Weidemann	Chrysomelinae	Chrysomelidae
120.	<i>Chrysolina</i> sp1	Chrysomelinae	Chrysomelidae
121.	<i>Chrysolina</i> sp2.	Chrysomelinae	Chrysomelidae
122.	<i>Aulacophora foveicollis</i> Lucas	Galerucinae	Chrysomelidae

123.	<i>Aulacophora intermedia</i> Jacoby	Galerucinae	Chrysomelidae
124.	<i>Oides bipunctata</i> Fabricius	Galerucinae	Chrysomelidae
125.	<i>Madurasia obscurella</i> Jacoby	Galerucinae	Chrysomelidae
126.	<i>Medythia suturalis</i> Motschulsky	Galerucinae	Chrysomelidae
127.	<i>Monolepta bifasciata</i> Hornstedt	Galerucinae	Chrysomelidae
128.	<i>Monolepta brunnea</i> Maulik	Galerucinae	Chrysomelidae
129.	<i>Monolepta conformis</i> Weise	Galerucinae	Chrysomelidae
130.	<i>Monolepta lineata</i> Weise	Galerucinae	Chrysomelidae
131.	<i>Monolepta marginipennis</i> Jacoby	Galerucinae	Chrysomelidae
132.	<i>Monolepta nigrobilineata</i> Motschulsky	Galerucinae	Chrysomelidae
133.	<i>Monolepta severini</i> Jacoby	Galerucinae	Chrysomelidae
134.	<i>Monolepta signata</i> Olivier	Galerucinae	Chrysomelidae
135.	<i>Monolepta sodalis</i> Weise	Galerucinae	Chrysomelidae
136.	<i>Sphenoraia bicolor</i> Hope	Galerucinae	Chrysomelidae
137.	<i>Aphthona hugely</i> Weise	Alticinae	Chrysomelidae
138.	<i>Aphthona kanaraensis</i> Jacoby	Alticinae	Chrysomelidae
139.	<i>Aphthona nigrilabris</i> Duvivier	Alticinae	Chrysomelidae
140.	<i>Chaetocnema basalis</i> Baly	Alticinae	Chrysomelidae
141.	<i>Chaetocnema bretinghami</i> Baly	Alticinae	Chrysomelidae
142.	<i>Chaetocnema concinnipennis</i> Baly	Alticinae	Chrysomelidae
143.	<i>Chaetocnema confines</i> Crotch	Alticinae	Chrysomelidae
144.	<i>Chaetocnema harita</i> Maulik	Alticinae	Chrysomelidae
145.	<i>Crepidodera minuta</i> Jacoby	Alticinae	Chrysomelidae
146.	<i>Crepidodera nigripennis</i> Motschulsky	Alticinae	Chrysomelidae
147.	<i>Haltica cyanea</i> Weber	Alticinae	Chrysomelidae
148.	<i>Hermacophaga ruficollis</i> Lucas	Alticinae	Chrysomelidae
149.	<i>Hyphasis</i> sp	Alticinae	Chrysomelidae
150.	<i>Longitarsus lohita</i> Maulik	Alticinae	Chrysomelidae
151.	<i>Longitarsus pandura</i> Maulik	Alticinae	Chrysomelidae
152.	<i>Longitarsus reticollis</i> Maulik	Alticinae	Chrysomelidae
153.	<i>Philopona signata</i> Duvivier	Alticinae	Chrysomelidae
154.	<i>Phygasia hookeri</i> Baly	Alticinae	Chrysomelidae
155.	<i>Phygasia unicolor</i> Olivier	Alticinae	Chrysomelidae
156.	<i>Phygasia violaceipennis</i> Jacoby	Alticinae	Chrysomelidae
157.	<i>Phyllotreta birmanica</i> Harold	Alticinae	Chrysomelidae
158.	<i>Phyllotreta chotanica</i> Duvivier	Alticinae	Chrysomelidae
159.	<i>Podagrica nigripennis</i> Jacoby	Alticinae	Chrysomelidae
160.	<i>Choeridina picea</i> Baly	Hispinae	Chrysomelidae
161.	<i>Dactylispa pusilal</i> Weise	Hispinae	Chrysomelidae
162.	<i>Oncoccephala quadrilobata</i> Guerin	Hispinae	Chrysomelidae
163.	<i>Platypria andrewesi</i> Weise	Hispinae	Chrysomelidae
164.	<i>Aspidomorpha furcata</i> Thunberg	Cassidinae	Chrysomelidae
165.	<i>Aspidomorpha lobata</i> Boheman	Cassidinae	Chrysomelidae
166.	<i>Aspidomorpha miliaris</i> Fabricius	Cassidinae	Chrysomelidae
167.	<i>Aspidomorpha sanctaerucis</i> Fabricius	Cassidinae	Chrysomelidae
168.	<i>Cassida circumdata</i> Herbst	Cassidinae	Chrysomelidae
169.	<i>Conchyloctenia nigrovittata</i> Boheman	Cassidinae	Chrysomelidae
170.	<i>Cassida circumdata</i> Herbst	Cassidinae	Chrysomelidae
171.	<i>Cassida exilis</i> Boheman	Cassidinae	Chrysomelidae
172.	C <i>Cassida nilgiriensis</i> Borowiec	Cassidinae	Chrysomelidae
173.	<i>Cassida obtusata</i> Boheman	Cassidinae	Chrysomelidae
174.	<i>Cassida pulvinata</i> Boheman	Cassidinae	Chrysomelidae
175.	<i>Cassida residua</i> Weise	Cassidinae	Chrysomelidae
176.	<i>Chiridopsis bipunctata</i> Linnaeus	Cassidinae	Chrysomelidae
177.	<i>Chiridopsis</i> sp.1	Cassidinae	Chrysomelidae
178.	<i>Chiridopsis nigropunctata</i> Borowiec	Cassidinae	Chrysomelidae
179.	<i>Chiridopsis</i> sp.2	Cassidinae	Chrysomelidae
180.	<i>Glyhocasis trilineata</i> Hope	Cassidinae	Chrysomelidae
181.	<i>Oocassida pudibunda</i> Boheman	Cassidinae	Chrysomelidae
182.	<i>Rhytidocassis indicola</i> Duvivier	Cassidinae	Chrysomelidae
183.	<i>Luprops gracillior</i> Fairmaire	Lagriinae	Tenebrionidae
184.	<i>Playnotus punctatipennis</i> Mulsant	Tenebrioninae	Tenebrionidae
185.	<i>Gonocephalum catenulatum</i> (Fairmaire)	Tenebrioninae	Tenebrionidae
186.	<i>Gonocephalum tuberculatum</i> (Hope)	Tenebrioninae	Tenebrionidae
187.	<i>Heterotarsus crenatus</i> Fairmaire	Tenebrioninae	Tenebrionidae
188.	<i>Heterotarsus foveoseriatus</i> Fairmaire	Tenebrioninae	Tenebrionidae
189.	<i>Mesomorphus villager</i> Blanch	Tenebrioninae	Tenebrionidae

190.	<i>Scleron bengalensis</i> Kaszab	Tenebrioninae	Tenebrionidae
191.	<i>Scleron latipes</i> Guerin	Tenebrioninae	Tenebrionidae
192.	<i>Anacyclus navicularis</i> Fairmaire	Tenebrioninae	Tenebrionidae
193.	<i>Derosphaerus cribrum</i> Fairmaire	Stenochiinae	Tenebrionidae
194.	<i>Promethis impressa</i> (Fabricius)	Stenochiinae	Tenebrionidae

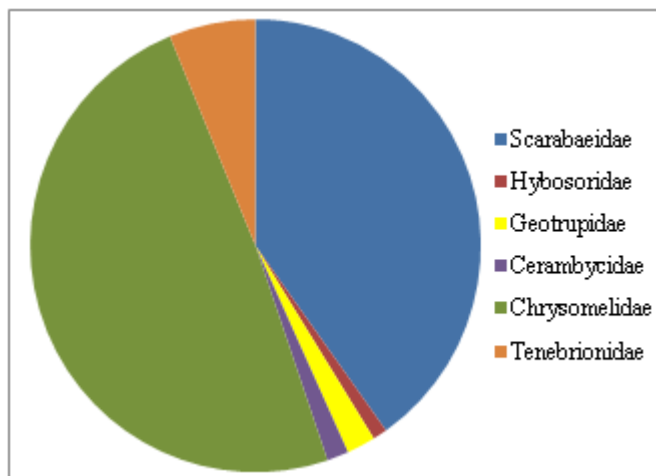


Figure 1: Family distribution of beetles in the Chhattisgarh state

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