

An updated checklist of the ants of India with their specific distributions in Indian states (Hymenoptera, Formicidae)

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Abstract

As one of the 17 megadiverse countries of the world and with four biodiversity hotspots represented in its borders, India is home to an impressive diversity of life forms. However, much work remains to document and catalogue the species of India and their geographic distributions, especially for diverse invertebrate groups. In the present study, a comprehensive and critical list of Indian ant species is provided with up-to-date state-wise distribution. A total of 828 valid species and subspecies names belonging to 100 genera are listed from India. Potential erroneous data, misidentifications and dubious distributional records that may exist in the literature are also identified. The present exhaustive listing of Indian ants will provide a holistic view about diversity and distribution and will also help to identify major undersampled areas where future sampling and taxonomic efforts should be directed.

Keywords

Checklist, Indian Ants, Formicidae

Introduction

The Indian subcontinent is well known for its high biodiversity, varied environments and habitats, and interesting geological history. However, much work remains to document and catalogue the species of India and their geographic distributions, especially for diverse invertebrate groups. The country, with a total land area of over 3.2 million km², is positioned on the Indian Plate (the northern portion of Indo-Australian plate) which separated from Gondwanaland during the late Cretaceous, then collided with Eurasia in the Cenozoic (Briggs 2003, Lomolino et al. 2010), although the precise age of this event is still debated (Aitchison et al. 2007). The collision led to the formation of Tibetan Plateau and the Himalaya. The Indian Plate has acted as a vessel carrying fauna and flora from Africa and Madagascar to Eurasia (Briggs 2003). This varied geological history has led to the emergence of a wide diversity of flora and fauna in India, which comprises Malayan, Afrotropical, Mediterranean, central Asian and eastern Palearctic elements.

Most of the country's land can be assigned to one of two ecozones, the Palearctic and Indo-Malayan, and 13 terrestrial ecoregions (Olson et al. 2001). The Himalayan system, part of the Palearctic ecozone, stretches over 3000 kilometers in length, from Myanmar to east of Afghanistan (between longitudes 70E to 100E and latitudes 25N to 40N) and from 80 kilometers to 300 kilometers in width (Bharti 2008). The Himalayas, which form the northern boundary of the country, span across ten states (Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Sikkim, Meghalaya, Tripura, Manipur, Mizoram, Nagaland, Arunachal Pradesh and a little part of Assam and West Bengal). The mountain system extends from east of Brahmaputra to the bend of Indus in the west, but the Himalayan system stretches further from Myanmar to Afghanistan. Kunlun represents the northern extreme of the Himalayan range, followed by the Tibetan plateau. The mountain system meets with high ranges of Central Asia (Hindu Kush, Trans Karakoram, Tian Shan, Kunlun, Trans Alai) forming the Pamir Knot, and Tibet lies to the north-east. The Western Ghats are part of the Western Ghats-Sri Lanka global hotspot, running roughly in a North-south direction for about 1500 kilometres parallel to the coast bordering the Arabian Sea.

Approximately 21% of the country's landmass is covered by forests (tree canopy density >10%), of which 12% comprises moderately or very dense forests (tree canopy density >40%) (CBD 2014). These include tropical rainforests of the Andaman Islands, the Western Ghats, and Northeast India; coniferous forests of Himalaya; deciduous Sal (*Shorea robusta*) forest of Eastern India; the dry deciduous Teak (various species of *Tectona*) forest of Central and Southern India; and the Babul (*Acacia*) dominated thorn forest of the Central Deccan and Western Gangetic plain (Tritsch 2001). According to the latest estimates (CBD 2014), the country accounts for 7–8% of the total plant and animal species globally recorded, including over 45,000 species of plants and 92,873 species of animals. This included 423 mammalian species

(7.81% of Indian total), 1,233 avian species (13.66%), 526 reptilian species (5.7%), 342 amphibian species (5.05%), 3,022 fish species (9.41%) and 63,423 of insects species (6.22%). Out of these, about 4,045 species of flowering plant (angiosperms), 47 species of mammals, 53 species of birds, 156 species of reptiles and 168 species of amphibians are endemic to India (CBD 2014). Most of the endemic taxa listed above are localised in one of the four biodiversity hotspots recognised in India; Himalaya, Indo-Burma, the Western Ghats - Sri Lanka and Sundaland (Nicobar Islands) (Myers et al. 2000 and CBD 2014).

Current data about the diversity and distribution of Indian ants is provided in this work. Ants constitute an important fraction of the animal biomass in terrestrial ecosystems and respond to stress on a much finer scale compared to vertebrates (Hölldobler and Wilson 1990; Andersen 1997). They are widely used to assess landscape disturbance and species diversity (Paknia and Pfeiffer 2011). They perform major ecological functions (predators, scavengers, soil turners, nutrient cyclers, pollinators) and are also responsible for dispersal of numerous plant species (Lach et al. 2010, Del Toro et al. 2012, Guénard 2013). Furthermore, ants mark their presence at almost all levels of terrestrial food webs (Pfeiffer et al. 2013). In this context, knowledge about their diversity and distribution may add to our understanding of their ecological functions, biogeographic patterns and global affinities.

Jerdon (1851, 1854) catalogued the ants of Southern India. Later, Forel (1900a,b, 1901) extended the list by adding 267 new species from the region. Comprehensive documentation of Indian ants was carried by Bingham (1903), who included all the previous works. Later, further contributions were made by various myrmecologists including Forel, Donisthorpe, Emery, Santschi, Mukerjee, Brown, Bolton in terms of descriptions of new taxa (Appendix 1). However, the first ever checklist which cited Indian ants was published by Chapman and Capco (1951; Appendix 1) in their revision of Asian ants. Later efforts to combine knowledge on Indian ants were performed by Guénard and collaborators (Guénard et al. 2010; 2012) in the context of global generic richness and distribution in Asia. In recent years, Bharti and co-workers significantly increased our understanding of ant diversity with both new species descriptions and new distributional records (Appendix 1). This led Bharti (2011) to compile the first modern species checklist inclusive of all earlier records for 652 valid species and subspecies from India and include all the ant records from Himalaya irrespective of its political division. Despite all these efforts, our knowledge about the diversity and distribution of Indian ants remains incomplete and fragmentary, especially on finer geographic scales.

In the present study we provide a comprehensive and critical list of Indian ants with current known state-wise distribution. Our aim is to consolidate previous data, to identify potential erroneous data, misidentifications, dubious distributional records, and more generally to provide a holistic view about the diversity and distribution of Indian ants. This list should also help identify major undersampled areas where future sampling and taxonomic efforts should be directed.

Methods

Species lists were compiled for 28 Indian states and two union territories (Andaman and Nicobar Islands and Delhi). Data from Union territories of Chandigarh were merged with Punjab, Dadra and Nagar Haveli with Maharashtra, Daman and Diu with Goa, Lakshadweep with Kerala, and data for the state of Telangana were merged with Andhra Pradesh. These lists have been generated based on the literature review of published material, physical examination of material lying in Natural History Museum, London; Indian depositories; personal collection of the first author and websites (cited in the reference section). Additionally, the outcome of recent surveys in approximately the last 15 years in the various regions of India have also significantly enriched the data and have added to the much needed distributional data of various species. Morphospecies have not been included in the list and species name validity, authority and spelling conform to Bolton's (2015) Synopsis of the Formicidae and Catalogue of Ants of the World.

Misidentifications and dubious/erroneous records

The continuing accumulation of distributional records and knowledge on species habitats facilitates the identification of previously cited erroneous distributions. This is especially facilitated by the compilation of large global databases and visualization tools like Antweb.org and GABI/antmaps.org. Some of the material cited in the earlier literature have been found to bear either erroneous data in terms of locality, or erroneously presented from a region (e.g. potential occurrence), as in the latter case the concerned depositories couldn't verify the existence of such a material in their possession. Additionally, some of the specimens recorded in the old literature do not have specific locality labels, instead bear labels such as "Northwest Provinces", "Western India", "Himalaya", "Panchmarhi Hills", "India" to mention a few. Furthermore, as commented by Ward (2007), ant taxonomy is a difficult discipline and species definitions change with taxonomic revisions and with more input of material, so some of the records of Indian ants were found to be misidentifications. To minimize further confusion and future "taxonomic noise," we mark these records as dubious and provide brief explanation about their dubious status.

Results and discussion

From India, distributional data for 828 species and subspecies is listed, representing 100 genera grouped in 10 subfamilies. In terms of species richness, the subfamily Myrmicinae is the most speciose (354 species, 42.7%), followed by Formicinae (241 species, 29.1%) Ponerinae (111 species, 13.4%), Dorylinae (55 species, 6.6%) and Dolichoderinae (30 species, 3.6%), while the rest of the smaller subfamilies together constitute 4.2% (Pseudomyrmecinae 11 species, Amblyoponinae 10 species, Proceratiinae

6 species, Ectatomminae 5 species and Leptanillinae 4 species). The trend for generic richness is almost the same except for the subfamily Ponerinae which represents a larger percentage of generic richness than Formicinae (Myrmicinae 37.4%, Ponerinae 20.2% and Formicinae 18.2%).

Species diversity within genera

The most speciose ant genus is *Camponotus* with 83 named species (one tenth of the total known Indian species), followed by *Polyrhachis* (71 species, 8.5%), *Pheidole* (58 species, 7.0%). Other diverse genera include *Tetramorium* and *Crematogaster* (42 and 41 species, each 5.0%), *Leptogenys* (34 species, 4.1%), *Myrmica* (33 species, 4.0%), *Aenictus* (32 species, 3.8%), *Strumigenys* and *Carebara* (24 species each, 2.9%) respectively (Table 1). Above and beyond these ten genera which have wide distribution within India (except *Myrmica*, which is restricted to Himalayan region), a large majority of genera (66) can be at this point perceived as species-poor in India (5 or less species) including 30 monospecific genera in India (Table 1), and inclusive of two monotypic exotic genera *Anoplolepis* and *Paratrechina*.

Within India, several genera including *Myrmica*, *Formica*, *Lasius*, *Stenamma*, *Perissomyrmex* and a majority of the species of *Aphaenogaster* and *Temnothorax* are restricted to the Palearctic region of Himalaya (Table 2, Bharti 2008), while the genera *Caloptomyrmex*, *Emeryopone*, *Indomyrma*, *Lordomyrma*, *Myrmoteras*, *Tyrannomyrmex* and *Yavnella* represent tropical elements restricted to Western Ghats, and *Metapone* to Nicobar Islands. Other tropical genera (*Anillomyrma*, *Buniapone*, *Centromyrmex*, *Dilobocondyla*, *Discothyrea*, *Gauromyrmex*, *Gesomyrmex*, *Indomyrma*, *Kartidris*, *Liomyrmex*, *Mayriella*, *Myopopone*, *Odontoponera*, *Oecophylla*, *Paraparatrechina*, *Paratopula*, *Platythyrea*, *Probolomyrmex*, *Rhopalomastix*, *Tyrannomyrmex*, *Vollenhovia* and *Vombisidris*) are represented by one or few species (Table 2).

Despite including nearly a third of the global ant generic richness (100/323), no genera are known to be endemic to India.

Regional diversity, endemism and exotic species

Two biogeographically significant regions of India, Himalaya and Western Ghats harbour a large number of ant species. 656 species from 88 genera were recorded from Himalaya, and 455 species from 75 genera were recorded from the Western Ghats.

From a total 828 species, 256 species (31%) we considered endemic to India and approximately 71% of these endemics are exclusively concentrated in two of the above listed biodiversity hotspots. Although we feel that some of the Indian states are under-represented in the existing data due to inadequacy of surveys, based on the currently available data the state of West Bengal has the highest number of species (382) representing 65 genera followed by state of Sikkim with 276 species representing 69 genera.

Table 1. Number of named species of ants per genus in India.

Genus name	# Species & subspecies in genus	Genus name	# Species & subspecies in genus
<i>Camponotus</i>	83	<i>Cryptopone</i>	3
<i>Polyrbachis</i>	71	<i>Discothyrea</i>	3
<i>Pheidole</i>	58	<i>Harpegnathos</i>	3
<i>Tetramorium</i>	42	<i>Odontomachus</i>	3
<i>Crematogaster</i>	41	<i>Paratopula</i>	3
<i>Leptogenys</i>	34	<i>Philidris</i>	3
<i>Myrmica</i>	33	<i>Platythyrea</i>	3
<i>Aenictus</i>	32	<i>Prenolepis</i>	3
<i>Carebara</i>	24	<i>Stenammas</i>	3
<i>Strumigenys</i>	24	<i>Vollenhovia</i>	3
<i>Monomorium</i>	20	<i>Acropyga</i>	2
<i>Aphaenogaster</i>	15	<i>Dilobocondyla</i>	2
<i>Cerapachys</i>	15	<i>Echinopla</i>	2
<i>Lepisiota</i>	15	<i>Leptanilla</i>	2
<i>Lasius</i>	14	<i>Lordomyrma</i>	2
<i>Cardiocondyla</i>	13	<i>Mayriella</i>	2
<i>Diacamma</i>	12	<i>Mesoponera</i>	2
<i>Formica</i>	12	<i>Parvaponera</i>	2
<i>Temnothorax</i>	12	<i>Pristomyrmex</i>	2
<i>Anochetus</i>	11	<i>Probolomyrmex</i>	2
<i>Tetraoponera</i>	10	<i>Pseudoneoponera</i>	2
<i>Dolichoderus</i>	10	<i>Recurvidris</i>	2
<i>Hypoponera</i>	9	<i>Solenopsis</i>	2
<i>Nylanderia</i>	9	<i>Sphinctomyrmex</i>	2
<i>Technomyrmex</i>	9	<i>Vombisidris</i>	2
<i>Plagiolepis</i>	8	<i>Anillomyrma</i>	1
<i>Lophomyrmex</i>	7	<i>Anoplolepis</i>	1
<i>Tapinoma</i>	7	<i>Bannapone</i>	1
<i>Trichomyrmex</i>	7	<i>Buniapone</i>	1
<i>Bothroponera</i>	6	<i>Calyptomyrmex</i>	1
<i>Brachyponera</i>	6	<i>Centromyrmex</i>	1
<i>Dorylus</i>	6	<i>Emeryopone</i>	1
<i>Ectomyrmex</i>	6	<i>Gauromyrmex</i>	1
<i>Meranoplus</i>	6	<i>Gesomyrmex</i>	1
<i>Pseudolasius</i>	6	<i>Indomyrma</i>	1
<i>Stigmatomma</i>	6	<i>Iridomyrmex</i>	1
<i>Cataulacus</i>	5	<i>Kartidris</i>	1
<i>Gnamptogenys</i>	5	<i>Liometopum</i>	1
<i>Myrmoteras</i>	5	<i>Liomyrmex</i>	1
<i>Cataglyphis</i>	4	<i>Metapone</i>	1
<i>Chronoxenus</i>	4	<i>Myopias</i>	1
<i>Messor</i>	4	<i>Myopopone</i>	1
<i>Myrmecina</i>	4	<i>Mystrium</i>	1
<i>Myrmicaria</i>	4	<i>Ochetellus</i>	1
<i>Ponera</i>	4	<i>Odontoponera</i>	1

Genus name	# Species & subspecies in genus	Genus name	# Species & subspecies in genus
<i>Oecophylla</i>	1	<i>Paratrechina</i>	1
<i>Paraparatrechina</i>	1	<i>Perissomyrmex</i>	1
<i>Prionopelta</i>	1	<i>Rhopalomastix</i>	1
<i>Proceratium</i>	1	<i>Tyrannomyrmex</i>	1
<i>Protanilla</i>	1	<i>Yavnella</i>	1

Table 2. Known species and subspecies diversity per genus within the different Indian states considered.

	Andaman & Nicobar Islands	Andhra Pradesh	Arunachal Pradesh	Assam	Bihar	Chhattisgarh	Delhi	Goa	Gujarat	Haryana
<i>Acropyga</i>	1		1	1						
<i>Aenictus</i>	4		15	11		1	1	1	4	1
<i>Anillomyrma</i>					1					
<i>Anoebetus</i>	1		3	2	1			1	3	1
<i>Anoplolepis</i>	1		1	1				1	1	
<i>Aphaenogaster</i>	4		7	1				1		
<i>Bothroponera</i>		1	3	3	1			3		1
<i>Brachyponera</i>	1		2	3						2
<i>Buniapone</i>				1						
<i>Caloptomyrmex</i>										
<i>Camponotus</i>	16	2	28	26	4	1	6	7	5	6
<i>Cardiocondyla</i>	1		3	3	1			2	1	1
<i>Carebara</i>	2		6	4				1		
<i>Cataglyphis</i>			1		1		1		1	2
<i>Cataulacus</i>	4		3	3	1			2		2
<i>Centromyrmex</i>				1						
<i>Cerapachys</i>			3	2				2		1
<i>Chronoxenus</i>	1		2	3			1			
<i>Crematogaster</i>	5		17	9	1		2	3	4	11
<i>Cryptopone</i>	1									
<i>Diacamma</i>	3		5	5	1			2		
<i>Dilobocondyla</i>										
<i>Discothyrea</i>				1						
<i>Dolichoderus</i>	1		4	5					1	
<i>Dorylus</i>			4	3	1		2		2	3
<i>Echinopla</i>	1		1							
<i>Ectomyrmex</i>			3	3						
<i>Emeryopone</i>										
<i>Formica</i>										
<i>Gauromyrmex</i>			1							
<i>Gesomyrmex</i>				1						
<i>Gnamptogenys</i>	1		3	3						
<i>Harpegnathos</i>			1	2				1		

	Andaman & Nicobar Islands	Andhra Pradesh	Arunachal Pradesh	Assam	Bihar	Chhattisgarh	Delhi	Goa	Gujarat	Haryana
<i>Hypoponera</i>			7	4				1	1	
<i>Indomyrma</i>										
<i>Iridomyrmex</i>				1	1					
<i>Kartidris</i>										
<i>Lasius</i>			3	1						
<i>Lepisiota</i>		2	3	3	1		1	2	2	4
<i>Leptanilla</i>										
<i>Leptogenys</i>	2		9	13	1	1		2	4	
<i>Liometopum</i>			1	1						
<i>Liomyrmex</i>	1									
<i>Lophomyrmex</i>			6	2						1
<i>Lordomyrma</i>										
<i>Mayriella</i>			2							
<i>Meranoplus</i>			2	2	1		1	1	1	1
<i>Mesoponera</i>										
<i>Messor</i>										2
<i>Metapone</i>	1									
<i>Monomorium</i>	4	1	7	7			2	2	2	2
<i>Myopias</i>										
<i>Myopopone</i>	1		1	1						
<i>Myrmecina</i>			1	1						
<i>Myrmica</i>			8		1					
<i>Myrmicaria</i>			2	2	1			1		
<i>Myrmoteras</i>										
<i>Mystrium</i>										
<i>Nylanderia</i>	3	1	2	1						
<i>Ochetellus</i>										1
<i>Odontomachus</i>	2		3	3						
<i>Odontoponera</i>	1		1	1			1			1
<i>Oecophylla</i>	1	1	1	1	1		1	1	1	1
<i>Paraparatrechina</i>									1	
<i>Paratopula</i>	1									
<i>Paratrechina</i>	1		1	1			1	1	1	
<i>Parvaponera</i>			1	1						
<i>Perissomyrmex</i>										
<i>Pheidole</i>	6	1	14	15	2		7	3	4	4
<i>Philidris</i>	3		1	1						
<i>Plagiolepis</i>			2	1					1	
<i>Platythyrea</i>	2		1	1				1		
<i>Polyrhachis</i>	18		17	21	1		1	2	3	1
<i>Ponera</i>			1							
<i>Prenolepis</i>			1	1						1

	Himachal Pradesh	Jammu & Kashmir	Jharkhand	Karnataka	Kerala	Madhya Pradesh	Maharashtra	Manipur	Meghalaya	Mizoram
<i>Myopopone</i>										
<i>Myrmecina</i>				1	3		1		1	
<i>Myrmica</i>	15	20				3			3	
<i>Myrmicaria</i>	1	1	1	2	1		1	1	1	
<i>Myrmoteras</i>				1	5					
<i>Mystrium</i>										
<i>Nylanderia</i>	6	4		2	3		2	1		
<i>Ochetellus</i>	1			1			1			
<i>Odontomachus</i>	1	2		1	1			1	3	
<i>Odontoponera</i>	1	1		1	1				1	
<i>Oecophylla</i>	1	1	1	1	1	1	1	1	1	1
<i>Paraparatrechina</i>	1	1								
<i>Paratopula</i>				1	1					
<i>Paratrechina</i>	1	1		1	1		1	1	1	1
<i>Parvaponera</i>				1	1					
<i>Perissomyrmex</i>										
<i>Pheidole</i>	15	16	2	15	13		25	3	16	2
<i>Philidris</i>										
<i>Plagiolepis</i>	2	3		4	1		2		1	
<i>Platythyrea</i>	2	1		2	1		1			
<i>Polyrbachis</i>	10	5		25	23		9	4	19	2
<i>Ponera</i>	2									
<i>Prenolepis</i>	1	1						1		
<i>Prionopelta</i>	1	1								
<i>Pristomyrmex</i>										
<i>Probolomyrmex</i>				1						
<i>Proceratium</i>	1								1	
<i>Protanilla</i>					1					
<i>Pseudolasius</i>	3	2							1	
<i>Pseudoneoponera</i>	2	2		1	1		1	1	1	1
<i>Recurvidris</i>	1	1		1	1		1	1	1	
<i>Rhopalomastix</i>				1						
<i>Solenopsis</i>	1	1	1	2	2		1	1	1	1
<i>Sphinctomyrmex</i>					1					
<i>Stenammas</i>	3	1								
<i>Stigmatomma</i>	1			2	2					
<i>Strumigenys</i>	5	1		6	14		4	2	4	3
<i>Tapinoma</i>	2	3		3	2		2	2	2	1
<i>Technomyrmex</i>	3	1		5	4		2	3	1	
<i>Temnothorax</i>	10	7		1	1	2			1	
<i>Tetramorium</i>	12	5	2	15	22	1	9	4	12	2
<i>Tetraponera</i>	3	3	1	4	6	1	5	2	4	1
<i>Trichomyrmex</i>	5	4	1	6	5	1	6		1	1

	Himachal Pradesh	Jammu & Kashmir	Jharkhand	Karnataka	Kerala	Madhya Pradesh	Maharashtra	Manipur	Meghalaya	Mizoram
<i>Tyrannomyrmex</i>					1					
<i>Vollenhovia</i>	1									
<i>Vombisidris</i>				2	1					
<i>Yavnella</i>					1					
# Species	259	206	21	257	268	26	181	87	178	55
# Genera	63	55	16	61	63	18	46	39	54	33

Table 2. Continued.

	Nagaland	Orissa	Punjab	Rajasthan	Sikkim	Tamil Nadu	Tripura	Uttar Pradesh	Uttarakhand	West Bengal
<i>Acropyga</i>	1	1			1				1	1
<i>Aenictus</i>	2		3	1	11	5	1	4	4	16
<i>Anillomyrma</i>										
<i>Anochetus</i>	1	2	1	3	3	6		2	2	5
<i>Anoplolepis</i>	1	1	1		1	1	1			1
<i>Aphaenogaster</i>					7	1	1		6	7
<i>Bothroponera</i>	1	2	1		3	6	2	1	1	6
<i>Brachyponera</i>	2	1	3		3	1	2	1	3	4
<i>Buniapone</i>					1				1	
<i>Calyptomymex</i>										
<i>Camponotus</i>	4	11	9	9	27	17	4	3	15	47
<i>Cardiocondyla</i>	3		1		4	2	1	1	2	5
<i>Carebara</i>		4	4	1	5	2		1	4	10
<i>Cataglyphis</i>			2	2	1	2		2	1	1
<i>Cataulacus</i>	2	1			2	3			2	2
<i>Centromymex</i>		1								1
<i>Cenapachys</i>	2	1	2	1	3	2	1	1	4	5
<i>Chronoxenus</i>	1	1	2		4	1			1	4
<i>Crematogaster</i>	6	5	8	2	20	14	2	3	8	28
<i>Cryptopone</i>						1				1
<i>Diacamma</i>	1	2			6	5	2			6
<i>Dilobocondyla</i>					1				1	
<i>Discothyrea</i>					1					
<i>Dolichoderus</i>	1				9		1		1	4
<i>Dorylus</i>	2	2	2	2	3	3		2	2	5

	Nagaland	Orissa	Punjab	Rajasthan	Sikkim	Tamil Nadu	Tripura	Uttar Pradesh	Uttarakhand	West Bengal
<i>Paraparatrechina</i>					1					1
<i>Paratopula</i>		1						1		1
<i>Paratrechina</i>	1	1	1	1	1	1	1	1	1	1
<i>Parvaponera</i>			1		1	1				1
<i>Perissomyrmex</i>										1
<i>Pheidole</i>	3	6	6	2	17	16	3	5	8	27
<i>Philidris</i>					1					1
<i>Plagiolepis</i>			1	1	4				1	5
<i>Platythyrea</i>			1		1	1			1	2
<i>Polyrhachis</i>	1	4	3	1	12	13	5	1	6	31
<i>Ponera</i>					2				1	
<i>Prenolepis</i>			1						2	
<i>Prionopelta</i>										
<i>Pristomyrmex</i>					1					
<i>Probolomyrmex</i>						2				
<i>Proceratium</i>					1			1	1	1
<i>Protanilla</i>										
<i>Pseudolasius</i>					3				1	
<i>Pseudoneoponera</i>	1	1	2		1	1	1		2	2
<i>Recurvidris</i>		1	1		1	1		1	1	1
<i>Rhopalomastix</i>					1					1
<i>Solenopsis</i>	1	1	1	1	1	1	1			1
<i>Sphinctomyrmex</i>		1			1	1				1
<i>Stenamma</i>										
<i>Stigmatomma</i>					2	2				3
<i>Strumigenys</i>	2				11	4	1	2	3	9
<i>Tapinoma</i>	1	2	2	1	1	1	1	2	1	3
<i>Technomyrmex</i>	1	1	1		4	3		1	2	3
<i>Temnothorax</i>					1				2	
<i>Tetramorium</i>	2	2	7	3	14	10	1	1	6	16
<i>Tetraoponera</i>	3	3	4	1	4	6	1	2	3	6
<i>Trichomyrmex</i>		1	5	6	3	5		2	4	5
<i>Tyrannomyrmex</i>										
<i>Vollenhovia</i>										
<i>Vombisidris</i>										
<i>Yavnella</i>										
# Species	56	79	98	52	276	184	43	53	149	382
# Genera	33	37	39	24	69	51	25	31	54	65

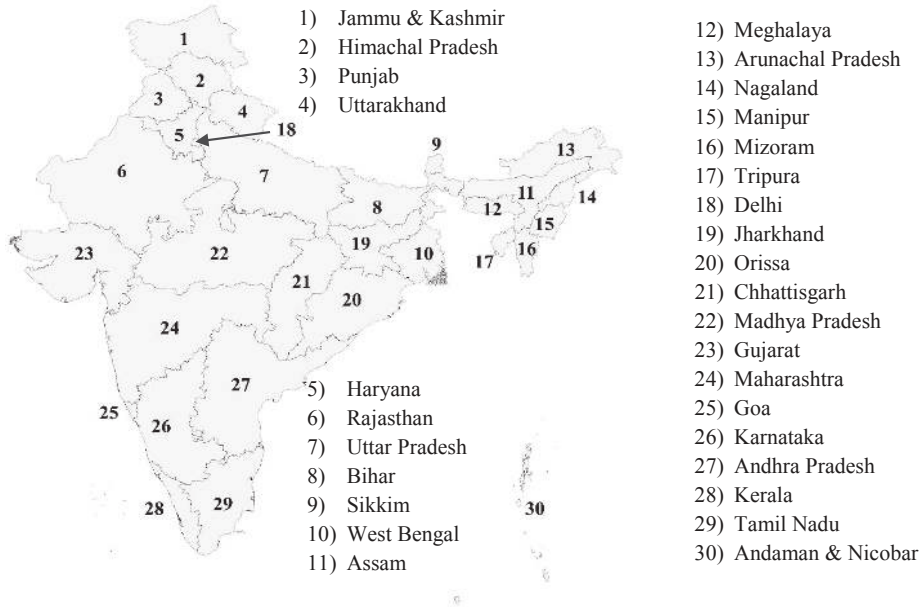


Figure 1. List and geographic position of Indian states considered in this study

The endemism of Indian ants (31%) is much higher than for birds (4.3%), fishes (8%), angiosperms (10%) or mammals (11%), lower than amphibians (49%) and most similar to reptiles (29%) (CBD 2014). With nearly one of three ant species known to be endemic to India, more conservation efforts should be directed to this group to evaluate the distribution and ecology of these species and evaluate the potential threat that some of these species might already experience.

Undersampling and future directions

With 828 species recorded, India represents one of the richest countries in the Indo-Malayan region. India remains less diverse than China with over 950 species recorded (Guénard and Dunn 2012; Liu et al. 2015), but similar to the island of Borneo (Pfeiffer et al. 2011, <http://antmaps.org>) and more diverse than the Philippines (General and Alpert 2012, <http://antmaps.org>). However, considering the high number of species recently described from India by Bharti & co-workers (Appendix 1) and the lack of knowledge for a large part of India (Figure 2), there is little doubt the number of ant species reported from India should keep increasing in the foreseeable future.

We present, for the first time, patterns of species richness for the different Indian states, and thereby provide a more detailed biogeographic picture of ant richness. Above all, these results reveal large areas lacking surveys and/or taxonomic resolution on the local myrmecofauna (Figure 2A, B). Our results indicate that no less than seventeen of

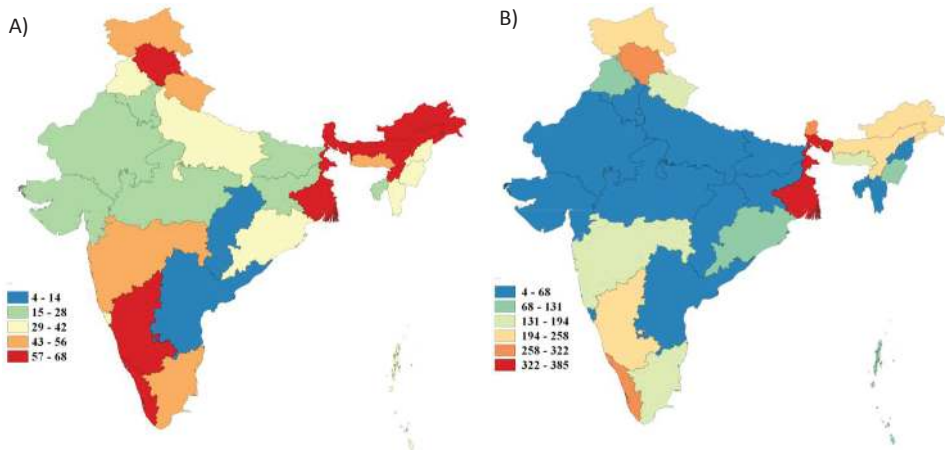


Figure 2. Generic (A) and species (B) richness based on nominal species for the different states of India.

the thirty administrative regions studied (57%) have fewer than 100 species recorded. In comparison, this roughly corresponds to the species richness observed in countries located in cooler-temperate regions like Poland (Czechowski et al. 2012) or North Korea (Radchenko 2005). Considering the geographic position of Indian states and their climatic ranges (Attri and Tyagi 2010), with most of these regions located in humid subtropical, wet and dry tropical or semi-arid climates, the faunal richness for these regions should be much higher than our current data indicate. For example, the small, Himalayan state of Sikkim (278 species) has higher recorded richness than the tropical moist region of Kerala (259 species). Similarly, regions of the northeastern part of India bordering Myanmar have highly diverse tropical moist forest ecosystems, but only have sparse records for ants.

These gaps in our current knowledge underscores the need for vigorous sampling and identification programs to target specific regions of India. Moreover, due to this incomplete knowledge, the true richness of the Indian ant fauna cannot be assessed with high confidence at this time. However, in light of the undersampling of most regions of the country, we expect the true richness to be greater than 1000 species.

Non-native species

Among the species present in India, 24 species are considered here as non-native (see Table 3), although the exact origin of a few other species is still uncertain and thus could be included (or removed) if more targeted future studies are conducted. Among the exotic species, several are known for their invasive ecological characteristics: *Anoplolepis gracilipes* (Smith), *Paratrechina longicornis* (Latreille), and *Pheidole megacephala* (Fabricius). The ecological impacts of these species in India have not been studied to date. Furthermore, this list could, and likely will, expand in the future with new arrivals. In particular, several damaging species including *Solenopsis invicta* Buren and *Wasmannia auropunctata*

Table 3. List of exotic ants in India

Formicinae:
<i>Anoplolepis gracilipes</i>
<i>Nylanderia vividula</i>
<i>Paratrechina longicornis</i>
<i>Plagiolepis alluaudi</i>
Myrmicinae:
<i>Cardiocondyla emeryi</i>
<i>Cardiocondyla mauritanica</i>
<i>Monomorium carbonarium</i>
<i>Monomorium monomorium</i>
<i>Monomorium pharaonis</i>
<i>Monomorium subopacum</i>
<i>Pheidole megacephala</i>
<i>Solenopsis geminata</i>
<i>Strumigenys emmae</i>
<i>Strumigenys membranifera</i>
<i>Strumigenys rogeri</i>
<i>Tetramorium bicarinatum</i>
<i>Tetramorium caldarium</i>
<i>Tetramorium pacificum</i>
<i>Tetramorium simillimum</i>
<i>Tetramorium tonganum</i>
<i>Trichomyrmex destructor</i>
Ponerinae:
<i>Brachyponera sennaarensis</i>
<i>Hypoponera ragusai</i>
<i>Leptogenys falcigera</i>

(Roger) are already widespread in tropical and subtropical parts of Asia and with no doubt could find suitable habitats within the diversity of Indian ecosystems if given the opportunity. Both prevention and control measures would be highly advisable to protect Indian ecosystems and economic interests from the arrival of invasive species.

Conclusion

As some of the states/regions are clearly undersampled, future explorations will reveal more species diversity of ants from India. Similarly, upcoming taxonomic revisions will redefine species boundaries, species distributions and affinities with adjoining biogeographic regions. Consequently, the data presented here marks a waypoint in the effort towards elucidating the regional diversity and distribution of Indian ants. In light of the ecological importance of ants in most terrestrial ecosystems, the relatively poor available knowledge of ants in most Indian states, and the high level of endemism of Indian ants, we encourage urgent, large-scale, and sustained efforts to monitor, characterize, and conserve the Indian myrmecofauna.

Species list

List of species of India with their known distribution in India states sorted by subfamily. Number in parentheses cite the source for each record and are presented in the Appendix 1. (I): Introduced species, (E) Endemic species to India.

Taxonomy

State records

AMBLIOPONINAE

Bannapone

Bannapone pertinax (Baroni Urbani, 1978) (E)

Sikkim (1), West Bengal (1)

Myopopone

Myopopone castanea (Smith, 1860)

Andaman and Nicobar Islands (105, 160, 189, 206, 254, 355), Arunachal Pradesh (1), Assam (382), Sikkim (7, 105, 114, 160, 206, 355)

Mystrium

Mystrium camillae Emery, 1889

Tamil Nadu (7, 402), Uttarakhand (1)

Prionopelta

Prionopelta kraepelini Forel, 1905

Himachal Pradesh (37), Jammu & Kashmir (37)

Stigmatomma

Stigmatomma awa (Xu & Chu, 2012)

Arunachal Pradesh (1)

Stigmatomma bellii (Forel, 1900)

Karnataka (7, 19, 20, 105, 114, 160, 179, 261, 352), Kerala (1), Tamil Nadu (7), West Bengal (352)

Stigmatomma boltoni (Bharti & Wachkoo, 2011) (E)

Himachal Pradesh (7, 36)

Stigmatomma minutum Forel, 1913

Kerala (1), Tamil Nadu (7)

Stigmatomma rothneyi (Forel, 1900)

Karnataka (261), Sikkim (1), West Bengal (1)

Stigmatomma xui Bharti & Rilta, 2015

Sikkim (413)

DOLICHODERINAE

Chronoxenus

Chronoxenus dalyi (Forel, 1895)

Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (348), Karnataka (178, 315), Maharashtra (178, 315), Sikkim (1), Tamil Nadu (7, 12, 178, 315, 352, 391), West Bengal (1)

Chronoxenus myops (Forel, 1895)

Assam (12, 315), Delhi (1), Himachal Pradesh (178, 315), Jammu & Kashmir (80), Karnataka (7, 178), Maharashtra (178, 315), Meghalaya (1), Punjab (79), Sikkim (1), West Bengal (1)

Chronoxenus walshi (Forel, 1895)

Kerala (1), Orissa (7, 12, 178, 315), Sikkim (1), West Bengal (1)

Chronoxenus wroughtonii (Forel, 1895)

Arunachal Pradesh (1), Assam (1), Himachal Pradesh (7, 178, 315), Jammu & Kashmir (1), Karnataka (7, 12, 178, 287, 315), Maharashtra (178, 315), Manipur (1), Nagaland (1), Punjab (79), Sikkim (1), Uttarakhand (1), West Bengal (1)

Dolichoderus

Dolichoderus affinis Emery, 1889

Assam (248, 249, 355), Karnataka (362), Manipur (131, 244), Meghalaya (248, 249, 355), Sikkim (131, 355), West Bengal (1)

Dolichoderus affinis glabripes Forel, 1895

Assam (12, 131, 315), Meghalaya (1), Sikkim (1)

Dolichoderus feae Emery, 1889

Arunachal Pradesh (1), Manipur (131, 244), Meghalaya (1), Sikkim (1)

Dolichoderus moggridgei Forel, 1886

Assam (114, 131, 161, 172, 178, 315, 355), Sikkim (1)

- Dolichoderus moggridgei bicolor* Santschi, 1920 (E) Sikkim (1)
- Dolichoderus moggridgei lugubris* Santschi, 1920 (E) Sikkim (1)
- Dolichoderus sundari* Mathew & Tiwari, 2000 (E) Arunachal Pradesh (1), Meghalaya (1)
- Dolichoderus taprobanae* (Smith, 1858) Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (178, 262), Kerala (178), Meghalaya (1), Mizoram (1), Nagaland (1), Sikkim (1), Tripura (250), Uttarakhand (1), West Bengal (1)
- Dolichoderus taprobanae gracilipes* (Mayr, 1879) Karnataka (178), Sikkim (1), West Bengal (1)
- Dolichoderus thoracicus* (Smith, 1860) Arunachal Pradesh (1), Assam (1), Gujarat (340), Jammu & Kashmir (80), Karnataka (178, 262, 340), Meghalaya (1), Sikkim (1), West Bengal (1)
- Iridomyrmex***
- Iridomyrmex anceps* (Roger, 1863) Assam (178, 207, 249, 315), Bihar (7, 122, 207, 214), Jharkhand (7, 122, 207, 214), Maharashtra (115), Meghalaya (1), Orissa (415), Sikkim (1), Tamil Nadu (7, 122, 207), West Bengal (7, 122, 207, 300, 356)
- Liometopum***
- Liometopum lindgreeni* Forel, 1902 Arunachal Pradesh (1), Assam (1), Meghalaya (1)
- Ochetellus***
- Ochetellus glaber* (Mayr, 1862) Haryana (23), Himachal Pradesh (23), Karnataka (178), Maharashtra (178), Uttarakhand (1)
- Philidris***
- Philidris laevigata* (Emery, 1895) Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (1)
- Philidris myrmecodiae* (Emery, 1887) Andaman and Nicobar Islands (254)
- Philidris myrmecodiae andamanensis* (Forel, 1903) (E) Andaman and Nicobar Islands (12, 161, 189, 254, 315)
- Tapinoma***
- Tapinoma andamanense* Forel, 1903 (E) Andaman and Nicobar Islands (114, 161, 189, 254, 315)
- Tapinoma annandalei* (Wheeler, 1928) Orissa (114, 315, 389)
- Tapinoma himalaica* Bharti, Kumar & Dubovikoff, 2013 (E) Himachal Pradesh (1), Jammu & Kashmir (77), Punjab (77)
- Tapinoma indicum* Forel, 1895 Goa (410), Karnataka (7, 122, 287), Kerala (7, 225), Maharashtra (115, 178, 214, 315, 383, 391), Manipur (244), Meghalaya (1), Uttar Pradesh (214), West Bengal (204)
- Tapinoma luffae* (Kurian, 1955) India (no state record, 32)
- Tapinoma melanocephalum* (Fabricius, 1793) Andaman and Nicobar Islands (254, 257), Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (7, 410, 411, 412), Gujarat (178, 335, 337, 338, 340, 342, 344), Haryana (335, 337, 340), Himachal Pradesh (342), Jammu & Kashmir (67, 80), Karnataka (7, 124, 125, 178, 205, 206, 214, 260, 262, 287, 306, 315, 335, 337, 340, 342, 352, 362), Kerala (225), Maharashtra (129, 178, 229, 257, 335, 337, 340, 342), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (257, 335, 337, 340, 342), Punjab (29, 79, 342), Rajasthan (331, 333, 334, 335, 337, 338, 340, 342, 343, 344), Sikkim (1), Tamil Nadu (178, 205, 206, 286, 289, 293, 335, 337, 340, 342, 352), Tripura (1), Uttar Pradesh (2, 3, 326), Uttarakhand (1), West Bengal (1)
- Tapinoma wroughtonii* Forel, 1904 Haryana (408), Jammu & Kashmir (7, 114, 161, 162, 192, 315), Karnataka (352), West Bengal (352)

Technomyrmex

- Technomyrmex albipes* (Smith, 1861) Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Gujarat (178), Haryana (408), Himachal Pradesh (214), Jammu & Kashmir (80), Karnataka (97, 178, 202, 203, 262, 264, 265, 287, 288, 291, 306, 362), Kerala (178, 225), Maharashtra (129, 178, 229), Manipur (244), Meghalaya (1), Nagaland (1), Orissa (415), Punjab (1), Sikkim (1), Tamil Nadu (97, 178), Uttar Pradesh (97), Uttarakhand (1), West Bengal (1)
- Technomyrmex bicolor* Emery, 1893 Karnataka (124), Kerala (225), Manipur (357)
- Technomyrmex brunneus* Forel, 1895 Delhi (1), Haryana (408), Karnataka (124, 262), Maharashtra (97, 178, 315), Sikkim (1)
- Technomyrmex elatior* Forel, 1902 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Kerala (225), Manipur (357), West Bengal (255)
- Technomyrmex horni* Forel, 1912 Haryana (97), Kerala (1)
- Technomyrmex indicus* Bolton, 2007 (E) Karnataka (7, 97)
- Technomyrmex pratensis* (Smith, 1860) Sikkim (1)
- Technomyrmex rector* Bolton, 2007 (E) Arunachal Pradesh (1), Assam (1), Sikkim (1), Tamil Nadu (7, 97), Uttarakhand (1), West Bengal (1)
- Technomyrmex vitiensis* Mann, 1921 Himachal Pradesh (97), Karnataka (97, 127), Tamil Nadu (127)

DORYLINAE**Aenictus**

- Aenictus aitkenii* Forel, 1901 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 19, 20, 114, 184, 261, 306, 318, 383), Kerala (184, 318), Maharashtra (184, 318), Manipur (1), Sikkim (1), West Bengal (1)
- Aenictus ambiguus* Shuckard, 1840 (E) Arunachal Pradesh (1), Assam (1), Gujarat (184, 355, 399), Himachal Pradesh (190, 192), Kerala (225), Maharashtra (184, 355, 399), Manipur (1), Nagaland (1), Sikkim (1), Uttar Pradesh (355, 399), West Bengal (1)
- Aenictus aratus* Forel, 1900 Himachal Pradesh (352, 399), Karnataka (287, 352, 362, 399), Kerala (352, 399), Maharashtra (352, 399), Tamil Nadu (352, 399), West Bengal (352)
- Aenictus arya* Forel, 1901 (E) Karnataka (7, 114, 158, 184, 261, 352), West Bengal (352)
- Aenictus binghami* Forel, 1900 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Meghalaya (1), Tripura (1)
- Aenictus brevicornis* (Mayr, 1879) Arunachal Pradesh (1), Assam (1), Gujarat (335, 340, 342), Haryana (333, 335, 340), Himachal Pradesh (342), Karnataka (184, 249, 261, 287, 333, 335, 340, 342, 352, 356, 399), Kerala (184, 249, 261, 333, 335, 340, 342, 352, 356, 399), Maharashtra (335, 342, 356), Meghalaya (1), Mizoram (1), Punjab (214, 342), Rajasthan (7, 333, 334, 335, 340, 342), Sikkim (1), Tamil Nadu (335, 340, 342), Uttar Pradesh (335, 340, 342, 352, 356, 399), West Bengal (1)
- Aenictus certus* Westwood, 1842 India (no further state, 32)
- Aenictus ceylonicus* (Mayr, 1866) Arunachal Pradesh (1), Assam (1), Chhattisgarh (184), Himachal Pradesh (399), Jammu & Kashmir (1), Karnataka (184, 221, 261, 352, 362, 399), Madhya Pradesh (184), Maharashtra (7, 12, 114, 158, 184, 216, 229, 318, 352, 399), Manipur (1), Sikkim (1), Uttarakhand (1), Uttar Pradesh (399), West Bengal (1)
- Aenictus clavatus* Forel, 1901 Arunachal Pradesh (1), Assam (1), Gujarat (7, 184, 352, 355), Himachal Pradesh (1), Jammu & Kashmir (1), Karnataka (352, 355), Maharashtra (12, 184, 352, 355), Mizoram (1), Sikkim (1), West Bengal (1)
- Aenictus clavatus kanariensis* Forel, 1901 (E) Karnataka (7, 114, 158, 184, 352), West Bengal (352)
- Aenictus clavitibia* Forel, 1901 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)

- Aenictus dentatus* Forel, 1911
Aenictus doryloides Wilson, 1964 (E) Maharashtra (399)
 Arunachal Pradesh (1), Himachal Pradesh (216, 399), Jammu & Kashmir (80), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Aenictus fergusonii* Forel, 1901 Andaman and Nicobar Islands (254, 352, 355), Arunachal Pradesh (1), Assam (1), Goa (7), Gujarat (158, 184, 261, 352, 355, 399), Karnataka (7, 12, 114, 158, 184, 261, 287, 399), Kerala (7, 12, 114, 158, 184, 261, 352, 355, 391, 399), Maharashtra (355), Meghalaya (1), Nagaland (1), Sikkim (1), Tamil Nadu (7, 213, 352, 399), West Bengal (1)
- Aenictus gleadowii* Forel, 1901 (E) Andaman and Nicobar Islands (191), Karnataka (7, 114, 158, 184, 352), West Bengal (352)
- Aenictus hodgsonii* Forel, 1901 Andaman and Nicobar Islands (189)
- Aenictus indicus* Bharti, Wachkoo & Kumar, 2012 (E) Tamil Nadu (7, 35)
- Aenictus laeviceps* (Smith, 1857) Arunachal Pradesh (1), Assam (1), Kerala (1), Meghalaya (249)
- Aenictus latiscapus* Forel, 1901 Maharashtra (7, 114, 158, 184)
- Aenictus longi* Forel, 1901 Arunachal Pradesh (1), Assam (1), Meghalaya (1)
- Aenictus pachycerus* (Smith, 1858) Arunachal Pradesh (1), Assam (1), Delhi (1), Himachal Pradesh (28, 184, 192, 261, 352, 399), Jammu & Kashmir (80), Karnataka (114, 184, 261, 287, 352), Kerala (184, 261, 352, 399), Maharashtra (352, 399), Manipur (1), Punjab (29, 79), Sikkim (1), Tamil Nadu (7, 184, 213, 261, 352), Uttar Pradesh (7, 261, 352), Uttarakhand (1), West Bengal (1)
- Aenictus peguensis* Emery, 1895 Himachal Pradesh (1), Uttarakhand (1)
- Aenictus piercei* Wheeler & Chapman, 1930 Himachal Pradesh (399)
- Aenictus porizonoides* Walker, 1860 Kerala (1)
- Aenictus pubescens* Smith, 1859 (E) Arunachal Pradesh (1), Assam (1), Manipur (1), Sikkim (1), West Bengal (1)
- Aenictus punensis* Forel, 1901 Karnataka (287), Maharashtra (7, 114, 158, 184, 399)
- Aenictus sagei* Forel, 1901 Himachal Pradesh (7, 184, 192, 218, 399), Punjab (114, 158)
- Aenictus shillongensis* Mathew & Tiwari, 2000 (E) Arunachal Pradesh (1), Meghalaya (1)
- Aenictus shuckardi* Forel, 1901 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Aenictus westwoodi* Forel, 1901 Kerala (225)
- Aenictus wilsoni* Bharti, Wachkoo & Kumar, 2012 (E) Himachal Pradesh (7, 35)
- Aenictus wroughtonii* Forel, 1890 Kerala (184, 352, 399), Madhya Pradesh (352), Maharashtra (7, 12, 173, 184, 218, 352, 399), West Bengal (352)
- Cerapachys***
- Cerapachys aitkenii* Forel, 1900 Goa (410), Haryana (21), Karnataka (7, 160, 180, 248, 249, 261, 319, 362), Kerala (60), Meghalaya (1), Punjab (21), West Bengal (319)
- Cerapachys alii* Bharti & Akbar, 2013 (E) Kerala (60)
- Cerapachys anokha* Bharti & Akbar, 2013 (E) Kerala (60)
- Cerapachys besucheti* Brown, 1975 (E) Kerala (1), Tamil Nadu (7, 60, 108)
- Cerapachys biroii* Forel, 1907 Arunachal Pradesh (1), Assam (1), Goa (411), Himachal Pradesh (1), Jammu & Kashmir (80), Kerala (1), Manipur (1), Mizoram (1), Nagaland (1), Sikkim (1), Tripura (1), Uttarakhand (1), West Bengal (1)
- Cerapachys browni* Bharti & Wachkoo, 2013 (E) Himachal Pradesh (42), Uttarakhand (1)
- Cerapachys costatus* Bharti & Wachkoo, 2013 (E) Himachal Pradesh (42), Uttarakhand (1)

- Cerapachys indicus* Brown, 1975 (E) Kerala (7, 60, 108)
- Cerapachys longitarsus* (Mayr, 1879) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (139, 180, 192), Jammu & Kashmir (80), Karnataka (180, 261, 335, 356, 362), Kerala (139, 180, 261, 335, 343, 352), Maharashtra (139, 139, 180, 261, 335, 343, 352, 356), Meghalaya (1), Nagaland (1), Orissa (139, 180), Punjab (79), Rajasthan (334, 335, 343), Sikkim (1), Tamil Nadu (139, 180, 249, 352, 356), Uttar Pradesh (352, 356), Uttarakhand (1), West Bengal (1)
- Cerapachys nayana* Bharti & Akbar, 2013 (E) Karnataka (60), Kerala (60)
- Cerapachys parva* (Forel, 1900) West Bengal (7)
- Cerapachys schoedli* Bharti & Akbar, 2013 (E) Kerala (60)
- Cerapachys seema* Bharti & Akbar, 2013 (E) Kerala (60)
- Cerapachys sulcinodis* Emery, 1889 Arunachal Pradesh (206), Meghalaya (206, 228, 248, 249, 335, 355), Sikkim (1), West Bengal (1)
- Cerapachys wighti* Bharti & Akbar, 2013 (E) Kerala (60)

Dorylus

- Dorylus fulvus* (Westwood, 1839) West Bengal (7)
- Dorylus fulvus juvenculus* Shuckard, 1840 West Bengal (170)
- Dorylus labiatus* Shuckard, 1840 Arunachal Pradesh (1), Assam (1), Delhi (1), Gujarat (206, 237, 335, 337, 338, 340, 342, 344, 351, 355, 357), Haryana (206, 335, 337, 340, 342, 351, 355, 357), Himachal Pradesh (21, 184, 192, 206, 335, 337, 342, 355), Jammu & Kashmir (80), Karnataka (184, 261, 335, 337, 340, 342, 362), Maharashtra (184, 206, 335, 337, 342, 355), Manipur (1), Mizoram (1), Nagaland (1), Orissa (206, 335, 337, 342, 355, 357), Punjab (21, 29, 79, 335, 337, 340, 342), Rajasthan (116, 331, 334, 335, 337, 338, 339, 340, 342, 343, 344), Sikkim (1), Tamil Nadu (286), Uttar Pradesh (206, 335, 337, 342, 355, 357), Uttarakhand (1), West Bengal (1)
- Dorylus laevigatus* (Smith, 1857) Arunachal Pradesh (206), Haryana (408)
- Dorylus orientalis* Westwood, 1835 Arunachal Pradesh (1), Assam (1), Bihar (298, 360), Delhi (1), Gujarat (335, 340, 342), Haryana (335, 340, 342, 351), Himachal Pradesh (184, 192, 298, 342), Jammu & Kashmir (80), Jharkhand (360), Karnataka (7, 184, 260, 261, 287, 298, 335, 340, 342), Kerala (225, 335, 340, 342, 352, 355), Maharashtra (184, 298, 335, 340, 342, 351, 352, 355, 399), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (184, 298, 335, 340, 342, 351, 352, 355, 399), Punjab (79, 335, 340, 342), Rajasthan (116, 334, 335, 338, 339, 340, 342, 343, 344), Sikkim (1), Tamil Nadu (7, 167, 168, 184, 298, 335, 340, 342, 351, 399), Uttar Pradesh (298, 335, 340, 342, 355), Uttarakhand (1), West Bengal (1)
- Dorylus orientalis obscuriceps* Santschi, 1920 Arunachal Pradesh (1), Assam (1), Sikkim (1), Tamil Nadu (12, 114, 302, 303), West Bengal (1)

Sphinctomyrmex

- Sphinctomyrmex furcatus* (Emery, 1893) Kerala (7, 108), Tamil Nadu (7, 108)
- Sphinctomyrmex taylori* Forel, 1990 Orissa (108, 180), Sikkim (1), West Bengal (1)

ECTATOMMINAE

Gnamptogenys

- Gnamptogenys bicolor* (Emery, 1889) Arunachal Pradesh (1), Assam (1), Kerala (1), Manipur (1), Meghalaya (180, 239, 248, 249), Mizoram (1), Sikkim (1), West Bengal (1)

- Gnamptogenys binghamii* (Forel, 1990) Arunachal Pradesh (1), Assam (1), Kerala (7, 239), Manipur (1), Meghalaya (239), Mizoram (1), Sikkim (1), Tamil Nadu (239), West Bengal (1)
- Gnamptogenys coxalis* (Roger, 1860) Andaman and Nicobar Islands (254), Karnataka (261)
- Gnamptogenys meghalaya* Lattke, 2004 (E) Arunachal Pradesh (1), Meghalaya (1)
- Gnamptogenys menadensis* (Mayr, 1887) Assam (356), West Bengal (356)
- FORMICINAE**
- Acropyga***
- Acropyga acutiventris* Roger, 1862 Andaman and Nicobar Islands (177, 189, 238, 254, 262), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (23), Karnataka (262, 306, 362), Maharashtra (177), Manipur (1), Meghalaya (122), Mizoram (1), Nagaland (1), Orissa (238), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Acropyga rubescens* Forel, 1894 Karnataka (7, 238)
- Anoplolepis***
- Anoplolepis gracilipes* (Smith, 1857) (I) Andaman and Nicobar Islands (117, 189, 254, 257, 262, 355, 378), Arunachal Pradesh (1), Assam (1), Goa (7, 410, 411, 412), Gujarat (1), Karnataka (7, 125, 214, 262, 264, 264, 265, 288, 327), Kerala (140, 225, 294, 329, 349, 352, 355, 357), Maharashtra (214, 229), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (415), Punjab (255), Sikkim (355), Tamil Nadu (122, 219, 286), Tripura (247, 250), West Bengal (1)
- Camponotus***
- Camponotus aethiops cachmiriensis* Emery, Jammu & Kashmir (7, 190, 192) 1925 (E)
- Camponotus albosparsus* Bingham, 1903 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (190, 192), Mizoram (1), Sikkim (1), West Bengal (1)
- Camponotus angusticollis* (Jerdon, 1851) Assam (23, 249, 287, 331, 335, 340, 343, 351, 352, 356), Delhi (1), Goa (410, 411, 412), Gujarat (335, 338, 340, 344), Karnataka (7, 174, 262, 265, 287, 288, 327, 335, 340), Kerala (8, 225, 255, 301, 305, 335, 340, 352, 369), Maharashtra (174, 335, 340), Meghalaya (1), Orissa (335), Rajasthan (331, 334, 335, 338, 339, 340, 343, 344), Tamil Nadu (140, 219, 335, 340, 352), West Bengal (335, 351, 352, 356)
- Camponotus angusticollis sanguinolentus* Forel, 1895 Arunachal Pradesh (1), Assam (1), West Bengal (1)
- Camponotus arrogans* (Smith, 1858) Arunachal Pradesh (1), Manipur (355, 357), Sikkim (1), West Bengal (1)
- Camponotus ashokai* Karmaly & Narendran, 2006 (E) Kerala (226)
- Camponotus auratus* Karavaiev, 1935 Andhra Pradesh (114)
- Camponotus badius* (Smith, 1857) Andaman and Nicobar Islands (254), West Bengal (132)
- Camponotus barbatus* Roger, 1863 Kerala (305, 352), Orissa (415), West Bengal (352)
- Camponotus barbatus taylori* Forel, 1892 Kerala (140, 335, 337, 352, 355), Maharashtra (115, 174, 331, 335, 337, 352, 355), Orissa (174, 331, 335, 337, 352, 355), Rajasthan (331, 334, 335, 337, 338, 344), Sikkim (331, 335, 337, 352, 355), Tamil Nadu (174, 187, 335, 337, 352), West Bengal (214, 300, 335, 337, 352, 356)
- Camponotus binghamii* Forel, 1894 Kerala (305)
- Camponotus buddhae* Forel, 1892 Arunachal Pradesh (1), Himachal Pradesh (23, 174, 192, 243, 367), Jammu & Kashmir (7), Sikkim (1), West Bengal (1)
- Camponotus camelinus* (Smith, 1857) Arunachal Pradesh (1), Meghalaya (1), Sikkim (1), Tripura (247, 250), West Bengal (1)

- Camponotus carin* Emery, 1889 Assam (187), Kerala (305), Maharashtra (174, 335, 337), Rajasthan (334, 335, 337)
- Camponotus cinerascens* (Fabricius, 1787) Arunachal Pradesh (1), Assam (1), Manipur (1), Sikkim (1), West Bengal (1)
- Camponotus compressus* (Fabricius, 1787) Andaman and Nicobar Islands (117, 254, 337, 340, 342, 355, 357), Arunachal Pradesh (1), Assam (1), Bihar (360), Delhi (1), Goa (410, 411, 412), Gujarat (227, 237, 335, 337, 338, 340, 342, 344), Haryana (258, 335, 337, 340, 351), Himachal Pradesh (174, 342), Jammu & Kashmir (67, 80), Jharkhand (360), Karnataka (7, 19, 20, 125, 256, 260, 262, 265, 287, 288, 306, 335, 337, 340, 342, 362), Kerala (8, 140, 225, 305, 369), Maharashtra (18, 154, 156, 174, 194, 229, 299, 335, 337, 340, 342), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (205, 335, 337, 340, 342, 355, 357), Punjab (29, 79, 299, 335, 337, 340, 342), Rajasthan (116, 331, 333, 334, 335, 337, 338, 339, 340, 342, 343, 344), Sikkim (1), Tamil Nadu (112, 140, 205, 206, 219, 255, 256, 286, 289, 293, 299, 335, 337, 340, 342, 352, 355, 357, 383), Tripura (1), Uttar Pradesh (2, 3, 299, 326), Uttarakhand (1), West Bengal (1)
- Camponotus confucii* Forel, 1894 Arunachal Pradesh (206), Karnataka (177, 206, 262, 352), Kerala (1), Tamil Nadu (1), West Bengal (352)
- Camponotus cotesii* Forel, 1893 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (175), Meghalaya (1), Uttarakhand (1)
- Camponotus crassisquamis* Forel, 1902 Arunachal Pradesh (1), Assam (1), Bihar (214), Jharkhand (360), Punjab (214)
- Camponotus dolendus* Forel, 1892 Andaman and Nicobar Islands (342, 355), Arunachal Pradesh (1), Maharashtra (214), Sikkim (1), Tamil Nadu (205, 342, 352, 355), West Bengal (1)
- Camponotus exiguoguttatus* Forel, 1886 Arunachal Pradesh (1), Assam (1)
- Camponotus festinus* (Smith, 1857) Delhi (1), Haryana (351)
- Camponotus fulvopilosus* (De Geer, 1778) Meghalaya (1)
- Camponotus gretae* Forel, 1902 Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (1)
- Camponotus himalayanus* Forel, 1893 Himachal Pradesh (1), Jammu & Kashmir (80)
- Camponotus holosericeus* Emery, 1889 Assam (222), Meghalaya (1)
- Camponotus horseshoetus* Datta & Ray Chaudhury, 1985 (E) Himachal Pradesh (1), Nagaland (1)
- Camponotus indeflexus* (Walker, 1859) Maharashtra (330)
- Camponotus invidus* Forel, 1892 (E) Andaman and Nicobar Islands (117, 206, 254, 337, 341, 355), Arunachal Pradesh (206), Delhi (1), Haryana (335, 337, 341, 342, 351), Karnataka (265, 288), Kerala (117), Orissa (23, 114, 117, 174, 206, 335, 337, 341, 342, 351, 355, 356), Rajasthan (334, 335, 337, 342), Sikkim (206, 335, 337, 341, 342, 355), West Bengal (206, 335, 337, 341, 342, 351, 355, 356)
- Camponotus irritans* (Smith, 1857) Andaman and Nicobar Islands (254), Arunachal Pradesh (206), Goa (411, 412), Gujarat (335, 338, 340, 344), Karnataka (262, 265, 287, 288, 335, 340), Kerala (301), Maharashtra (7), Orissa (415), Rajasthan (331, 334, 335, 338, 339, 340, 344), West Bengal (170, 206, 335, 356)
- Camponotus irritans carensis* Emery, 1920 Andaman and Nicobar Islands (7)
- Camponotus irritans pallidus* (Smith, 1857) Andaman and Nicobar Islands (189), Karnataka (260)
- Camponotus kattensis* Bingham, 1903 (E) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (192), Sikkim (1), West Bengal (1)
- Camponotus keralensis* Karmaly & Narendran, 2006 (E) Kerala (226)

<i>Camponotus lamarckii</i> Forel, 1892	Himachal Pradesh (23), Karnataka (175), Sikkim (355), Uttarakhand (1)
<i>Camponotus leonardi</i> Emery, 1889	Andaman and Nicobar Islands (189, 254)
<i>Camponotus longi</i> Forel, 1902 (E)	Arunachal Pradesh (1), Assam (1), Meghalaya (187, 188)
<i>Camponotus luteus</i> (Smith, 1858) (E)	Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (1)
<i>Camponotus mendax</i> Forel, 1895	Karnataka (163, 178, 194, 352), West Bengal (352)
<i>Camponotus misturus fornaronis</i> Forel, 1892	Kerala (8, 225, 369)
<i>Camponotus mitis</i> (Smith, 1858)	Andaman and Nicobar Islands (254, 355), Arunachal Pradesh (1), Assam (1), Bihar (214), Himachal Pradesh (255), Jammu & Kashmir (1), Jharkhand (214), Karnataka (214, 256, 256), Maharashtra (174, 335), Orissa (335), Punjab (1), Rajasthan (331, 334, 335, 338, 344), Sikkim (1), Tamil Nadu (256, 256, 335, 352, 355), Uttarakhand (1), West Bengal (1)
<i>Camponotus nicobarensis</i> Mayr, 1865	Andaman and Nicobar Islands (7, 117, 174, 189, 206, 254), Arunachal Pradesh (1), Assam (1), West Bengal (132, 193, 255)
<i>Camponotus nirvanae</i> Forel, 1893 (E)	Himachal Pradesh (1), Jammu & Kashmir (1), Karnataka (175, 352), Maharashtra (175), Tamil Nadu (352), Uttarakhand (1), West Bengal (352)
<i>Camponotus oblongus</i> (Smith, 1858)	Andaman and Nicobar Islands (117, 254, 355, 357), Assam (117, 355, 356, 357), Karnataka (125), Kerala (117), Manipur (355, 357), Sikkim (117, 355, 356, 357), West Bengal (355, 356, 357)
<i>Camponotus oblongus binominatus</i> Forel, 1916 (E)	Arunachal Pradesh (1), Himachal Pradesh (1), Jammu & Kashmir (80), Sikkim (1), Tamil Nadu (194), Uttarakhand (1), West Bengal (1)
<i>Camponotus opaciventris</i> Mayr, 1879	Arunachal Pradesh (1), Assam (1), Delhi (1), Himachal Pradesh (174), Jammu & Kashmir (1), Maharashtra (174), Orissa (174), Punjab (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
<i>Camponotus parabarbatu</i> Bharti & Wachkoo, 2014 (E)	Himachal Pradesh (45), Uttarakhand (45)
<i>Camponotus parius</i> Emery, 1889	Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Goa (410, 411, 412), Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 262, 265, 287, 288, 327, 362), Kerala (8, 140, 225, 305, 352, 369), Maharashtra (115), Meghalaya (1), Nagaland (1), Orissa (415), Punjab (79, 214), Sikkim (1), Tamil Nadu (293), Uttar Pradesh (2, 3, 326), Uttarakhand (1), West Bengal (1)
<i>Camponotus phragmaticola</i> Donisthorpe, 1943 (E)	Kerala (7, 114, 352), West Bengal (352)
<i>Camponotus puniceps</i> Donisthorpe, 1942 (E)	Kerala (1), Tamil Nadu (7, 114, 140, 352), West Bengal (352)
<i>Camponotus radiates</i> Forel, 1892 (E)	Goa (410, 411, 412), Karnataka (7, 174, 352, 357), Kerala (8, 225, 301, 369), Maharashtra (174), Manipur (357), Tripura (1), West Bengal (352)
<i>Camponotus reticulatus latitans</i> Forel, 1893	India (no further state, 32)
<i>Camponotus rothmeyei</i> Forel, 1893	Orissa (175, 356), Sikkim (1), Uttarakhand (1), West Bengal (1)
<i>Camponotus ruffifemur</i> Emery, 1900	Assam (7, 114)
<i>Camponotus rufoglaucus</i> (Jerdon, 1851)	Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (1), Haryana (249, 262, 351, 352), Jammu & Kashmir (80), Karnataka (260, 262, 265, 288, 306, 352), Kerala (249, 255, 262, 305, 352), Maharashtra (129), Meghalaya (1), Nagaland (1), Punjab (79), Sikkim (1), Tamil Nadu (140, 219, 352), Tripura (1), West Bengal (1)
<i>Camponotus rufoglaucus tenuis</i> Forel, 1907 (E)	Tamil Nadu (194)

<i>Camponotus selene</i> (Emery, 1889)	Arunachal Pradesh (1), Assam (187, 188), Meghalaya (1), West Bengal (1)
<i>Camponotus selene obtusatus</i> (Emery, 1895)	Assam (7)
<i>Camponotus sericeus</i> (Fabricius, 1798)	Andhra Pradesh (128), Bihar (128, 214), Chhattisgarh (128), Goa (410, 411, 412), Gujarat (237, 335, 338, 340, 342, 344), Haryana (128, 333, 335, 340, 342, 357), Himachal Pradesh (342), Jammu & Kashmir (80), Jharkhand (128, 214), Karnataka (7, 125, 128, 174, 256, 260, 262, 265, 287, 288, 306, 333, 335, 340, 342, 352, 357, 362), Kerala (8, 225, 294, 349, 369), Madhya Pradesh (128), Maharashtra (174, 229, 335, 340, 342), Manipur (335, 342, 357), Meghalaya (249, 335, 340, 342, 357), Orissa (174, 335, 340, 342, 357), Punjab (79, 335, 340, 342), Rajasthan (333, 334, 335, 340, 342), Tamil Nadu (112, 119, 128, 140, 219, 256, 286, 289, 293, 335, 340, 342, 352, 357), West Bengal (174, 204, 255, 335, 340, 342, 352, 356, 357)
<i>Camponotus sericeus peguensis</i> Emery, 1895	Assam (114, 355), Sikkim (355)
<i>Camponotus siemsseni</i> Forel, 1901	Arunachal Pradesh (1), Himachal Pradesh (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
<i>Camponotus singularis</i> (Smith, 1858)	Sikkim (355), West Bengal (174, 255)
<i>Camponotus sklarus</i> Bolton, 1995	Kerala (7, 114, 352), West Bengal (352)
<i>Camponotus socrates</i> Forel, 1904	Jammu & Kashmir (192)
<i>Camponotus strictus</i> (Jerdon, 1851)	Kerala (175, 249, 352), Meghalaya (1), West Bengal (352)
<i>Camponotus sylvaticus basalis</i> Smith, 1878 (E)	Gujarat (340), Himachal Pradesh (1), Jammu & Kashmir (163, 187, 188, 192, 340, 357), Manipur (357), Punjab (1), Uttarakhand (1)
<i>Camponotus sylvaticus paradichrous</i> Emery, 1925	Jammu & Kashmir (243)
<i>Camponotus thraso</i> Forel, 1893	Karnataka (214), Kerala (114, 352), West Bengal (352)
<i>Camponotus timidus</i> (Jerdon, 1851) (E)	Kerala (352), West Bengal (352)
<i>Camponotus varians</i> Roger, 1863	India (no further state, 32)
<i>Camponotus variegatus</i> (Smith, 1858)	Andaman and Nicobar Islands (254), Kerala (352), Maharashtra (214), Rajasthan (334, 335, 337), Tamil Nadu (140, 289, 335, 352, 352), West Bengal (352)
<i>Camponotus variegatus bacchus</i> (Smith, 1858)	Maharashtra (174), Tamil Nadu (256)
<i>Camponotus variegatus dulcis</i> Dalla Torre, 1893	Andaman and Nicobar Islands (189), Maharashtra (174)
<i>Camponotus variegatus fuscithorax</i> Dalla Torre, 1893	Maharashtra (174), Sikkim (1), West Bengal (1)
<i>Camponotus variegatus infuscus</i> Forel, 1892	Andaman and Nicobar Islands (254), Karnataka (287), Uttar Pradesh (3, 326)
<i>Camponotus variegatus somnificus</i> Forel, 1902	Kerala (352), Tamil Nadu (114, 187, 188, 352), West Bengal (352)
<i>Camponotus varius</i> Donisthorpe, 1943 (E)	Tamil Nadu (7, 352), West Bengal (352)
<i>Camponotus velox</i> (Jerdon, 1851) (E)	Karnataka (352), Kerala (352), West Bengal (352)
<i>Camponotus vitreus</i> (Smith, 1860)	Andaman and Nicobar Islands (189, 254)
<i>Camponotus vitreus angustulus</i> Emery, 1925	Assam (356), West Bengal (114, 175, 356)
<i>Camponotus wasmanni</i> Emery, 1893	Assam (7, 23, 178, 355), Maharashtra (115), Meghalaya (1), Sikkim (1), Uttarakhand (416), West Bengal (1)
<i>Camponotus wasmanni mutilarius</i> Emery, 1893	Arunachal Pradesh (1), Himachal Pradesh (1, 178), Jammu & Kashmir (1), Punjab (23), Sikkim (156), Uttarakhand (1)

- Camponotus wroughtonii* Forel, 1893 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Cataglyphis**
- Cataglyphis cugiai* Menozzi, 1939 Jammu & Kashmir (4, 80, 243)
- Cataglyphis indica* Pisarski, 1962 (E) Maharashtra (4, 271)
- Cataglyphis longipedem* (Eichwald, 1841) Bihar (255), Haryana (351), Madhya Pradesh (177), Meghalaya (249), Punjab (249, 255, 351, 352, 356), Rajasthan (7, 177), Tamil Nadu (352), Uttar Pradesh (177, 255)
- Cataglyphis setipes* (Forel, 1894) Arunachal Pradesh (206), Delhi (1), Gujarat (338, 340, 344), Haryana (340), Himachal Pradesh (370), Jammu & Kashmir (370), Madhya Pradesh (1), Meghalaya (206, 355), Punjab (1,79, 116, 206, 214, 331, 339, 340, 355), Rajasthan (4, 116, 331, 334, 338, 339, 340, 344, 386), Sikkim (206, 355), Tamil Nadu (206, 355), Uttarakhand (370), Uttar Pradesh (116), West Bengal (206, 340, 355)
- Echinopla**
- Echinopla cherapunjiensis* Bharti & Gul, 2012 Arunachal Pradesh (1), Meghalaya (1)
- Echinopla lineata senilis* Mayr, 1862 Andaman and Nicobar Islands (163, 189, 254, 406)
- Formica**
- Formica candida* Smith, 1878 Himachal Pradesh (1), Jammu & Kashmir (7, 313), Uttarakhand (1)
- Formica clara* Forel, 1886 Jammu & Kashmir (7, 80, 311)
- Formica cunicularia* Latreille, 1798 Himachal Pradesh (243), Jammu & Kashmir (80, 190, 243), Uttarakhand (1)
- Formica fusca* Linnaeus, 1758 Himachal Pradesh (177, 341), Jammu & Kashmir (67, 80, 341), Madhya Pradesh (177, 341, 355), Sikkim (192, 341, 355), Uttarakhand (1)
- Formica gagates* Latreille, 1798 Himachal Pradesh (177, 192, 243), Jammu & Kashmir (80)
- Formica gagatoides* Ruzsky, 1904 Himachal Pradesh (1), Jammu & Kashmir (80)
- Formica kashmirica* Starcke, 1935 (E) Jammu & Kashmir (312)
- Formica picea* Nylander, 1846 Himachal Pradesh (243), Jammu & Kashmir (243)
- Formica polyctena* Foerster, 1850 Himachal Pradesh (1), Jammu & Kashmir (1)
- Formica rufibarbis* Fabricius, 1793 Himachal Pradesh (177, 177, 192, 192, 243, 341, 355), Jammu & Kashmir (190)
- Formica sanguinea* Latreille, 1798 Himachal Pradesh (23, 177, 192, 243, 341, 381), Jammu & Kashmir (67, 80)
- Formica truncorum* Fabricius, 1804 Himachal Pradesh (177, 192, 243, 381), Jammu & Kashmir (67, 80)
- Gesomyrmex**
- Gesomyrmex spatulatus* Cole, 1949 (E) Assam (1)
- Lasius**
- Lasius alienoflavus* Bingham, 1903 Himachal Pradesh (51), Jammu & Kashmir (7, 51, 80, 121), Uttarakhand (1)
- Lasius alienus* (Foerster, 1850) Himachal Pradesh (1), Jammu & Kashmir (67, 80, 121, 190, 394), Uttarakhand (1)
- Lasius bicornis* (Foerster, 1850) Jammu & Kashmir (7, 121, 133, 394)
- Lasius breviscapus* Seifert, 1992 (E) Himachal Pradesh (309)
- Lasius brunneus* (Latreille, 1798) Himachal Pradesh (1), Jammu & Kashmir (80)
- Lasius crinitus* (Smith, 1858) Jammu & Kashmir (177, 192), Sikkim (121), West Bengal (7, 121, 132, 394)
- Lasius draco* Collingwood, 1982 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Lasius elevates* Bharti & Gul, 2013 (E) Himachal Pradesh (7, 50)
- Lasius himalayanus* Bingham, 1903 Himachal Pradesh (23, 309), Jammu & Kashmir (309), Uttarakhand (1)
- Lasius lawarai* Seifert, 1992 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)

- Lasius magnus* Seifert, 1992 Arunachal Pradesh (1), Meghalaya (309), Sikkim (1), West Bengal (1)
- Lasius mikir* Collingwood, 1982 (E) Assam (121), Sikkim (1), West Bengal (1)
- Lasius niger* (Linnaeus, 1758) Himachal Pradesh (1), Jammu & Kashmir (80, 121)
- Lasius wittmeri* Seifert, 1992 Jammu & Kashmir (309)
- Lepisiota**
- Lepisiota annandalei* (Mukerjee, 1930) (E) Himachal Pradesh (255), Punjab (1), Sikkim (1), West Bengal (1)
- Lepisiota bipartita* (Smith, 1861) Andhra Pradesh (340), Gujarat (340), Haryana (340), Himachal Pradesh (177), Jammu & Kashmir (1), Karnataka (340), Maharashtra (340), Meghalaya (340), Punjab (340), Rajasthan (177, 339, 340), Uttarakhand (1), West Bengal (170, 177, 300, 340)
- Lepisiota capensis* (Mayr, 1862) Arunachal Pradesh (1), Assam (1), Bihar (214), Goa (410, 411, 412), Haryana (408), Himachal Pradesh (177), Jammu & Kashmir (67, 80), Jharkhand (214), Karnataka (287), Madhya Pradesh (177), Maharashtra (177, 249), Manipur (1), Meghalaya (1), Mizoram (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Lepisiota capensis lunaris* (Emery, 1893) Himachal Pradesh (214), Jammu & Kashmir (190)
- Lepisiota capensis simplex* (Forel, 1892) Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (1), Meghalaya (1), Orissa (177, 249, 356), Punjab (1), Uttarakhand (1), West Bengal (356)
- Lepisiota fergusonii* (Forel, 1895) Karnataka (287), Kerala (114, 178, 352), West Bengal (352)
- Lepisiota frauenfeldi* (Mayr, 1855) Andhra Pradesh (335, 342, 352, 357), Delhi (1), Gujarat (338, 344), Haryana (335), Himachal Pradesh (255, 342), Karnataka (262, 335, 342, 362), Maharashtra (229, 335, 342), Manipur (357), Meghalaya (249, 335, 342), Punjab (335, 342), Rajasthan (116, 331, 334, 335, 338, 342, 344), West Bengal (116, 170, 171, 177, 249, 255, 300, 335, 342, 352, 356, 357)
- Lepisiota frauenfeldi integra* (Forel, 1894) Himachal Pradesh (177, 192), Jammu & Kashmir (80), Madhya Pradesh (177), Meghalaya (1), Punjab (79), Uttarakhand (1)
- Lepisiota modesta* (Forel, 1894) Himachal Pradesh (25, 177), Punjab (1), Uttarakhand (1)
- Lepisiota opaca* (Forel, 1892) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Goa (177, 262, 287, 352, 410, 411, 412), Jammu & Kashmir (80), Karnataka (7, 177, 178, 262, 265, 287, 288, 306, 352), Kerala (225), Maharashtra (229), Sikkim (1), West Bengal (1)
- Lepisiota opaca pulchella* (Forel, 1892) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Maharashtra (177), Punjab (79), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Lepisiota rothmeyii* (Forel, 1894) Karnataka (177), Kerala (329), Orissa (177), Tamil Nadu (7), Uttarakhand (1), West Bengal (114, 177, 300, 356, 391)
- Lepisiota rothmeyii watsonii* (Forel, 1894) West Bengal (384)
- Lepisiota rothmeyii wroughtonii* (Forel, 1902) Himachal Pradesh (1), Kerala (352), Tamil Nadu (114, 187, 188, 352, 391), Uttarakhand (1), West Bengal (352)
- Lepisiota sericea* (Forel, 1892) Himachal Pradesh (177), Jammu & Kashmir (1), Maharashtra (177), Uttar Pradesh (177), Uttarakhand (1)
- Myrmoteras**
- Myrmoteras agostii* Bharti & Akbar, 2014 (E) Kerala (63)
- Myrmoteras brachygnathum* Moffett, 1985 (E) Kerala (63), Tamil Nadu (7, 253)
- Myrmoteras indicum* Moffett, 1985 (E) Karnataka (287), Kerala (253, 287), Tamil Nadu (7, 253, 287)
- Myrmoteras moffetti* Bharti & Akbar, 2014 (E) Kerala (63)
- Myrmoteras scabrum* Moffett, 1985 (E) Kerala (253)

Nylanderia

- Nylanderia assimilis* (Jerdon, 1851) (E) Kerala (352), West Bengal (352)
- Nylanderia birmana* (Forel, 1902) Himachal Pradesh (1), Uttarakhand (1)
- Nylanderia bourbonica* (Forel, 1886) Andaman and Nicobar Islands (189, 254), Arunachal Pradesh (1), Jammu & Kashmir (80), Manipur (357), Sikkim (1), Tamil Nadu (206, 352, 357), West Bengal (1)
- Nylanderia himalayana* Wachkoo & Bharti, 2015 (E) Himachal Pradesh (1)
- Nylanderia indica* (Forel, 1894) Andaman and Nicobar Islands (117, 189, 254), Andhra Pradesh (187, 188), Arunachal Pradesh (206), Himachal Pradesh (214, 341), Jammu & Kashmir (7), Karnataka (177, 262), Maharashtra (177, 206, 341, 391), Sikkim (1), Tamil Nadu (187, 188), Uttarakhand (1), West Bengal (1)
- Nylanderia smythiesii* (Forel, 1894) (E) Himachal Pradesh (177, 192, 371), Jammu & Kashmir (371), Punjab (1), Uttarakhand (1)
- Nylanderia taylori* (Forel, 1894) Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Kerala (1), Maharashtra (187, 188), Orissa (114, 177, 335, 356, 391), Rajasthan (334, 335), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Nylanderia vividula* (Nylander, 1846) (I) West Bengal (171)
- Nylanderia yerburyi* (Forel, 1894) Andaman and Nicobar Islands (254), Himachal Pradesh (1), Karnataka (362), Kerala (352), Tamil Nadu (177, 352), West Bengal (300, 352)

Oecophylla

- Oecophylla smaragdina* (Fabricius, 1775) Andaman and Nicobar Islands (117, 172, 189, 206, 254, 257, 340, 342, 355, 357), Andhra Pradesh (9), Arunachal Pradesh (1), Assam (1), Bihar (122, 214, 257), Delhi (1), Goa (7, 410, 411, 412), Gujarat (237, 335, 340, 342), Haryana (335, 340), Himachal Pradesh (177, 257, 335, 340, 342), Jammu & Kashmir (80), Jharkhand (122, 214, 257), Karnataka (7, 19, 20, 124, 125, 206, 256, 260, 262, 264, 264, 265, 287, 288, 291, 306, 327, 335, 340, 342, 352, 355, 357, 362), Kerala (206, 225, 294, 305, 329, 335, 340, 342, 352, 355, 357), Madhya Pradesh (269), Maharashtra (115, 129, 177, 214, 229, 335, 340, 342), Manipur (1), Meghalaya (1), Mizoram (248), Nagaland (1), Orissa (206, 257, 335, 340, 342, 355), Punjab (52, 79, 342), Rajasthan (332, 334, 335, 340, 342), Sikkim (1), Tamil Nadu (122, 140, 206, 219, 256, 286, 289, 293, 335, 340, 342, 352, 355, 357), Tripura (1), Uttar Pradesh (122, 292, 335, 340, 342), Uttarakhand (1), West Bengal (1)

Paraparatrechina

- Paraparatrechina aeta* (Forel, 1902) Gujarat (338, 340, 344), Himachal Pradesh (46), Jammu & Kashmir (80), Sikkim (1), West Bengal (1)

Paratrechina

- Paratrechina longicornis* (Latreille, 1802) (I) Andaman and Nicobar Islands (189, 254, 257, 357), Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (410), Gujarat (237), Himachal Pradesh (177, 342), Jammu & Kashmir (80), Karnataka (125, 205, 260, 262, 264, 264, 265, 287, 288, 306, 327, 357, 362), Kerala (294, 305), Maharashtra (115, 129, 177, 214, 229, 257, 335, 342), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (205, 257, 335, 342, 357), Punjab (29, 79, 214), Rajasthan (334, 335, 342), Sikkim (1), Tamil Nadu (122, 205, 219, 289, 335, 342, 352, 357), Tripura (1), Uttar Pradesh (122, 214, 257, 335, 342), Uttarakhand (1), West Bengal (1)

Plagiolepis

- Plagiolepis alluaudi* Emery, 1894 (I) India (240, 380)
- Plagiolepis balestrierii* Menozzi, 1939 Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (243), Sikkim (1), West Bengal (1)
- Plagiolepis dichroa* Forel, 1902 Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (362), Meghalaya (1), Sikkim (1), West Bengal (1)

- Plagirolepis exigua* Forel, 1894
Plagirolepis jerdonii Forel, 1894
Plagirolepis moelleri Bingham, 1903 (E)
Plagirolepis pontii Menozzi, 1939
Plagirolepis rogeri Forel, 1894
Polyrhachis
Polyrhachis abdominalis Smith, 1858
Polyrhachis aculeate Mayr, 1879
Polyrhachis aedipus Forel, 1893
Polyrhachis alatisquamis Forel, 1893
Polyrhachis armata (Le Guillou, 1842)
Polyrhachis armata defensa Smith, 1857
Polyrhachis bicolor Smith, 1858
Polyrhachis bicolor aurinasis Forel, 1901
Polyrhachis bihamata (Drury, 1773)
Polyrhachis binghamii Forel, 1893
Polyrhachis calypso Forel, 1911
Polyrhachis convexa Roger, 1863
Polyrhachis corporaali Santschi, 1928
Polyrhachis dives Smith, 1857
Polyrhachis dives belli Forel, 1912
Polyrhachis exercita (Walker, 1859)
Polyrhachis exercita lucidiventris Forel, 1907 (E)
Polyrhachis exercita obtusisquama Forel, 1902 (E)
Polyrhachis exercita rastrata Emery, 1889
Polyrhachis furcata Smith, 1858
Polyrhachis gnacilior Forel, 1893 (E)
Polyrhachis halidayi Emery, 1889
Polyrhachis hauxwelli Bingham, 1903
Polyrhachis hector Smith, 1857
Polyrhachis hemiopticoides Mukerjee, 1930
Polyrhachis hippomanes Smith, 1861
Karnataka (177, 287, 362), Maharashtra (7, 177, 314, 386, 391)
Gujarat (335, 340), Himachal Pradesh (1), Jammu & Kashmir (80),
Karnataka (125, 205, 262, 332, 333, 335, 340, 362), Kerala (114, 205,
262, 290, 332, 333, 335, 340, 352), Maharashtra (177, 205, 332, 333,
335, 340, 352, 391), Punjab (1), Rajasthan (332, 333, 334, 335, 340),
Uttarakhand (1), West Bengal (205, 335, 352)
Sikkim (1)
Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
Karnataka (177, 352), West Bengal (352)
Andaman and Nicobar Islands (297), Meghalaya (1)
Karnataka (176, 352), Kerala (176, 232, 297, 297, 352), West Bengal
(352)
Andaman and Nicobar Islands (7)
Andaman and Nicobar Islands (232)
Andaman and Nicobar Islands (117, 254, 297, 297), Arunachal Pradesh
(206, 319), Assam (1), Meghalaya (1), West Bengal (255, 319)
Assam (172, 176)
Andaman and Nicobar Islands (231, 254, 257, 297), Arunachal Pradesh
(206), Meghalaya (1), Sikkim (1), West Bengal (1)
West Bengal (183)
Andaman and Nicobar Islands (189, 212, 254), Assam (297), Karnataka
(362)
Kerala (7, 140, 352), West Bengal (352)
Andaman and Nicobar Islands (85)
Arunachal Pradesh (206, 358), Kerala (225), Meghalaya (249)
Karnataka (352), West Bengal (352)
Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam
(172, 231, 297, 382), Karnataka (262), Meghalaya (1), Sikkim (196,
206, 352, 355), Tamil Nadu (206, 352, 355), Tripura (1), West Bengal
(132, 204)
Karnataka (198, 352), Meghalaya (228), West Bengal (352)
Goa (411, 412), Gujarat (340), Jammu & Kashmir (80), Karnataka (7,
176, 202, 256, 262, 287, 297, 327), Kerala (176, 262, 301, 305, 340,
352, 356), Maharashtra (176), Orissa (176), Tamil Nadu (7, 140, 213,
256, 262, 297, 297, 352), Tripura (1), West Bengal (176, 262, 340, 352,
356)
Himachal Pradesh (1), Karnataka (194), Kerala (1), Orissa (194)
Himachal Pradesh (1), Karnataka (352), Maharashtra (187, 188), West
Bengal (352)
Assam (255)
Assam (114, 172, 176, 248, 249), Meghalaya (248, 249), West Bengal (1)
Arunachal Pradesh (1), Assam (1), Karnataka (202, 262), Kerala (7, 84,
114, 176, 262, 297, 352), West Bengal (352)
Arunachal Pradesh (382)
Karnataka (265, 327)
Andaman and Nicobar Islands (254), Meghalaya (248)
Karnataka (256), Sikkim (1), Tamil Nadu (232, 256), West Bengal (1)

- Polyrhachis hippomanes ceylonensis* Emery, 1893 Arunachal Pradesh (206, 358), Meghalaya (1), Tripura (247, 250)
- Polyrhachis horni* Emery, 1901 Bihar (262), Karnataka (262)
- Polyrhachis illaudata* Walker, 1859 Andaman and Nicobar Islands (117, 206, 254, 355), Arunachal Pradesh (1), Assam (1), Goa (411, 412), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (117, 176, 206, 248, 249, 250, 255, 262, 288, 319, 352, 355), Kerala (7, 84, 114, 117, 140, 176, 206, 225, 248, 249, 250, 255, 262, 297, 319, 329, 352, 355), Meghalaya (1), Mizoram (1), Sikkim (1), Tamil Nadu (140, 206, 219, 262, 352, 355), Tripura (247, 250), Uttarakhand (1), West Bengal (1)
- Polyrhachis illaudata intermedia* Forel, 1886 Assam (114, 172, 176, 249, 297), Meghalaya (249)
- Polyrhachis illaudata pauperata* Emery, 1889 West Bengal (194)
- Polyrhachis indicans* (Jerdon, 1851) (E) Kerala (352), West Bengal (352)
- Polyrhachis lacteipennis* Smith, 1858 Arunachal Pradesh (1), Assam (1), Delhi (1), Gujarat (237, 335, 337, 338, 340, 344), Haryana (335, 337, 340), Himachal Pradesh (176), Jammu & Kashmir (67, 80, 84), Karnataka (256, 265, 287, 288), Maharashtra (176, 194, 229), Manipur (1), Punjab (79, 214), Rajasthan (7, 335, 337, 340, 343), Sikkim (1), Tamil Nadu (256, 335, 337, 340, 352, 357), Uttarakhand (1), West Bengal (1)
- Polyrhachis lacteipennis obsoleta* Forel, 1893 (E) Maharashtra (176)
- Polyrhachis laevisima* Smith, 1858 Andaman and Nicobar Islands (117, 189, 254, 257), Arunachal Pradesh (1), Assam (1), Maharashtra (117, 257), Meghalaya (1), Orissa (117, 176, 248, 249, 257), Sikkim (1), West Bengal (1)
- Polyrhachis laevisima dichroa* Forel, 1893 Assam (114, 172, 176)
- Polyrhachis menelas* Forel, 1904 Himachal Pradesh (190, 192), Jammu & Kashmir (1), Punjab (1), Sikkim (1), Uttarakhand (1)
- Polyrhachis moeschi* Forel, 1912 Andaman and Nicobar Islands (297)
- Polyrhachis mutata* Smith, 1858 Meghalaya (1)
- Polyrhachis narendrani* Karmaly, 2004 (E) Kerala (223)
- Polyrhachis numeria* Smith, 1861 Andaman and Nicobar Islands (7)
- Polyrhachis pagana* Santschi, 1928 Karnataka (304), Tamil Nadu (289)
- Polyrhachis proxima* Roger, 1863 Assam (199), Kerala (305), Meghalaya (1)
- Polyrhachis pubescens* Mayr, 1879 Kerala (305)
- Polyrhachis punctillata* Roger, 1863 Gujarat (340), Karnataka (249, 256, 287, 340, 352, 357, 362), Kerala (225, 297, 352), Manipur (357), Meghalaya (1), Tamil Nadu (7, 256, 352, 357), West Bengal (352)
- Polyrhachis punctillata fergusonii* Forel, 1902 (E) Himachal Pradesh (1), Kerala (114, 187, 188, 352), West Bengal (352)
- Polyrhachis punctillata smythiesii* Forel, 1895 Himachal Pradesh (178, 192), Jammu & Kashmir (80), Kerala (297), Uttarakhand (1)
- Polyrhachis punjabi* Bharti, 2003 (E) Himachal Pradesh (27), Punjab (27)
- Polyrhachis rastellata* (Latreille, 1802) Andaman and Nicobar Islands (254, introduced but no evidence for establishment), Arunachal Pradesh (1), Assam (1), Karnataka (176, 248, 249, 256, 265, 288, 306, 319, 352, 362), Kerala (305, 319), Maharashtra (115, 153, 248, 249), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (415), Tamil Nadu (219, 256), West Bengal (319, 352)
- Polyrhachis rupicapra* Roger, 1863 Karnataka (256, 287), Tamil Nadu (256)
- Polyrhachis saevisima* Smith, 1860 Assam (172), West Bengal (300)

- Polyrhachis saevissima argentea* Mayr, 1862
Karnataka (176), West Bengal (300)
- Polyrhachis scissa* (Roger, 1862)
Karnataka (7), Kerala (7, 140, 141, 297, 352), Tamil Nadu (140, 141, 297, 352), West Bengal (352)
- Polyrhachis sculpturata* Smith, 1860
Assam (176)
- Polyrhachis spinigera* Mayr, 1879
Assam (172), West Bengal (130, 299, 300)
- Polyrhachis striata* Mayr, 1862
Arunachal Pradesh (1), Assam (1), Meghalaya (1), Sikkim (1)
- Polyrhachis striatorugosa* Mayr, 1862
Arunachal Pradesh (382)
- Polyrhachis subpilosa* Emery, 1895
Manipur (7)
- Polyrhachis sylvicola* (Jerdon, 1851)
Kerala (352), West Bengal (352)
- Polyrhachis textor brunneogaster* Donisthorpe, 1937
Andaman and Nicobar Islands (7, 137, 297)
- Polyrhachis thompsoni* Bingham, 1903
Himachal Pradesh (297), Sikkim (355), Tripura (250)
- Polyrhachis thrinax* Roger, 1863
Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (104, 297), Karnataka (176, 262, 319, 352, 356), Kerala (7, 104, 140, 140, 176, 262, 294, 297, 319, 352), Maharashtra (104, 297), Sikkim (1), Tamil Nadu (319), West Bengal (1)
- Polyrhachis thrinax lancearia* Forel, 1893
Karnataka (176, 297), Kerala (176, 297)
- Polyrhachis tibialis* Smith, 1858
Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (382), Karnataka (7, 124, 206, 248, 249, 262, 265, 288, 319, 352, 356), Kerala (140, 206, 262, 297, 319, 352, 352), Meghalaya (1), Sikkim (1), Tamil Nadu (219), Uttarakhand (1), West Bengal (1)
- Polyrhachis tibialis caligata* Emery, 1895
Assam (297), Maharashtra (129), Uttarakhand (1)
- Polyrhachis tibialis parris* Emery, 1900
Karnataka (7), Kerala (140, 352), West Bengal (352)
- Polyrhachis tubericeps* Forel, 1893
Himachal Pradesh (319), Kerala (319), Sikkim (1), Uttar Pradesh (176, 319), West Bengal (1)
- Polyrhachis tyrannical* Smith, 1858
Tamil Nadu (297)
- Polyrhachis vicina* Roger, 1863
Arunachal Pradesh (358), Meghalaya (249)
- Polyrhachis wallacei* Emery, 1887
Andaman and Nicobar Islands (7, 297)
- Polyrhachis wroughtonii* Forel, 1894
Karnataka (7, 177, 178, 233, 352), Kerala (233, 297), Maharashtra (233, 297), West Bengal (352)
- Prenolepis***
- Prenolepis fisheri* Bharti & Wachkoo, 2012 (E)
Uttarakhand (1, 7, 40)
- Prenolepis melanogaster* Emery, 1893
Manipur (357)
- Prenolepis naoroji* Forel, 1902
Arunachal Pradesh (1), Assam (1), Haryana (408), Himachal Pradesh (7, 23, 40), Jammu & Kashmir (40, 80), Punjab (1), Uttarakhand (1)
- Pseudolasius***
- Pseudolasius binghami* Emery, 1911
Sikkim (159)
- Pseudolasius diversus* Wachkoo & Bharti, 2014 (E)
Uttarakhand (1, 372)
- Pseudolasius emeryi* Forel, 1911
Sikkim (7)
- Pseudolasius familiaris* (Smith, 1860)
Arunachal Pradesh (206), Himachal Pradesh (1), Jammu & Kashmir (80), Meghalaya (1), Sikkim (192, 249, 355)
- Pseudolasius machhediensis* Bharti, Gul & Sharma, 2012 (E)
Himachal Pradesh (73), Jammu & Kashmir (73)
- Pseudolasius polymorphicus* Wachkoo & Bharti, 2014 (E)
Himachal Pradesh (372)
- LEPTANILLINAE**
- Leptanilla***
- Leptanilla escheri* (Kutter, 1948) (E)
Kerala (12, 13), Tamil Nadu (7, 12, 13, 54)

- Leptanilla lamellate* Bharti & Kumar, 2012 (E) Himachal Pradesh (7, 54)
- Protanilla**
- Protanilla wardi* Bharti & Akbar, 2015 (E) Kerala (1)
- Yavnella**
- Yavnella indica* Kugler, 1987 (E) Kerala (7, 236)
- MYRMICINAE**
- Anillomyrma**
- Anillomyrma decamera* (Emery, 1901) Bihar (92, 149)
- Aphaenogaster**
- Aphaenogaster annandalei* Mukerjee, 1930 (E) Himachal Pradesh (255)
- Aphaenogaster beccarii* Emery, 1887 Andaman and Nicobar Islands (254, 257), Arunachal Pradesh (1), Goa (410, 411, 412), Karnataka (7, 19, 20, 188, 262, 265, 287, 288, 306, 319, 352, 362), Maharashtra (152, 188, 214, 262, 287, 319, 352), Sikkim (1), Tamil Nadu (219), Tripura (1), West Bengal (1)
- Aphaenogaster beesoni* Donisthorpe, 1933 Himachal Pradesh (7, 76, 134), Jammu & Kashmir (1), Uttarakhand (1)
- Aphaenogaster cavernicola* Donisthorpe, 1938 (E) Himachal Pradesh (7, 138)
- Aphaenogaster cristata* (Forel, 1902) (E) Arunachal Pradesh (1), Himachal Pradesh (7, 186, 188, 192, 355), Jammu & Kashmir (80), Sikkim (1), West Bengal (1)
- Aphaenogaster feae* Emery, 1889 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (188), Goa (411, 412), Jammu & Kashmir (80), Sikkim (1), West Bengal (1)
- Aphaenogaster feae nicobarensis* (Forel, 1903) (E) Andaman and Nicobar Islands (189, 254)
- Aphaenogaster longiceps* (Smith, 1858) Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Aphaenogaster rothneyi* (Forel, 1902) Arunachal Pradesh (1), Himachal Pradesh (186, 188), Jammu & Kashmir (80), Madhya Pradesh (186, 188, 352, 355), Meghalaya (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Aphaenogaster sagei* (Forel, 1902) Himachal Pradesh (21, 186, 188, 190, 192, 243, 341), Jammu & Kashmir (80), Meghalaya (1), Uttarakhand (1)
- Aphaenogaster sagei pachei* (Forel, 1906) Himachal Pradesh (1), Jammu & Kashmir (80), Uttarakhand (1)
- Aphaenogaster schurri* (Forel, 1902) Arunachal Pradesh (1), Himachal Pradesh (1), Madhya Pradesh (186, 188), Maharashtra (115), Meghalaya (1), Sikkim (1), West Bengal (1)
- Aphaenogaster singaporensis* (Smith, 1858) Andaman and Nicobar Islands (254)
- Aphaenogaster smythiesii* (Forel, 1902) Arunachal Pradesh (1), Himachal Pradesh (186, 188, 214), Jammu & Kashmir (67, 80, 190), Meghalaya (206, 249, 355), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Aphaenogaster smythiesii prudens* (Forel, 1902) Himachal Pradesh (186), Jammu & Kashmir (80), Uttarakhand (1)
- Calyptomyrmex**
- Calyptomyrmex wittmeri* Baroni Urbani, 1975 Kerala (417)
- Cardiocondyla**
- Cardiocondyla breviscapa* Seifert, 2003 (E) Tamil Nadu (7, 310)
- Cardiocondyla carbonaria* Forel, 1907 (E) Karnataka (327), Maharashtra (114, 194, 310)
- Cardiocondyla emeryi* Forel, 1881 (I) Maharashtra (188), Tamil Nadu (188)
- Cardiocondyla goa* Seifert, 2003 (E) Goa (310), Karnataka (310), Kerala (310)

- Cardiocondyla kagutsuchi* Terayama, 1999 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (310), Nagaland (1), Sikkim (1), West Bengal (1)
- Cardiocondyla mauritanica* Forel, 1890 (I) Arunachal Pradesh (1), Assam (1), Haryana (310), Himachal Pradesh (310), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Sikkim (1), Tripura (1), West Bengal (1)
- Cardiocondyla minutior* Forel, 1899 Andaman and Nicobar Islands (189, 377), Himachal Pradesh (310), Jammu & Kashmir (1), Maharashtra (194), Uttarakhand (1)
- Cardiocondyla obscurior* Wheeler, 1929 Himachal Pradesh (310)
- Cardiocondyla opaca* Seifert, 2003 (E) Goa (310), Karnataka (310)
- Cardiocondyla parvinoda* Forel, 1902 (E) Kerala (225), Maharashtra (186, 188), Punjab (21), West Bengal (7)
- Cardiocondyla shagrinata* Seifert, 2003 (E) Karnataka (310)
- Cardiocondyla tiwarii* Ghosh, Sheela & Kundu, 2005 (E) Sikkim (1), West Bengal (1)
- Cardiocondyla wroughtonii* (Forel, 1890) Arunachal Pradesh (1), Assam (1), Bihar (90), Gujarat (188), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (262, 265, 287, 288, 362), Kerala (225), Maharashtra (7, 90, 173, 188, 235, 262, 310, 345), Manipur (1), Mizoram (1), Nagaland (1), Sikkim (1), Uttar Pradesh (310), Uttarakhand (1), West Bengal (1)
- Carebara**
- Carebara aborensis* (Wheeler, 1913) (E) Assam (382)
- Carebara affinis* (Jerdon, 1851) Andaman and Nicobar Islands (189, 254, 357), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (188, 206, 262, 265, 287, 288, 335, 362), Kerala (188, 225, 249, 262, 287, 305, 335, 343, 352, 357), Maharashtra (188, 206, 249, 262, 287, 335, 343, 352, 357), Manipur (335, 357), Meghalaya (1), Mizoram (1), Rajasthan (334, 335, 343), Sikkim (1), Tamil Nadu (188, 287, 335, 352, 357), Uttarakhand (1), West Bengal (1)
- Carebara asina* (Forel, 1902) Himachal Pradesh (7), Karnataka (287), Orissa (186, 188), Punjab (214), Uttar Pradesh (214), West Bengal (287, 356)
- Carebara bengalensis* (Forel, 1902) Sikkim (1), West Bengal (1)
- Carebara carinata* Bharti & Kumar, 2013 (E) Himachal Pradesh (7, 59)
- Carebara dentata* Bharti & Kumar, 2013 (E) Himachal Pradesh (7, 59), Jammu & Kashmir (7, 59), Punjab (59), Uttarakhand (1)
- Carebara diversa* (Jerdon, 1851) Arunachal Pradesh (1), Assam (1), Goa (411, 412), Himachal Pradesh (1), Karnataka (188, 205, 206, 262, 264, 264, 265, 287, 288, 327, 352, 355, 356), Kerala (188, 205, 206, 262, 287, 305, 319, 329, 352, 355, 383, 386), Maharashtra (115, 129, 188, 205, 206, 262, 287, 319, 352, 355, 356), Mizoram (1), Sikkim (1), Tamil Nadu (255), Uttarakhand (1), West Bengal (1)
- Carebara hornata* Bharti & Kumar, 2013 (E) Himachal Pradesh (7, 59)
- Carebara lamellifrons* (Forel, 1902) (E) Karnataka (186, 188, 352), West Bengal (352)
- Carebara lei* (Forel, 1902) (E) Karnataka (186, 188, 262, 352), West Bengal (352)
- Carebara lignata* Westwood, 1840 Arunachal Pradesh (1), Assam (1), Karnataka (262), Meghalaya (1), West Bengal (205)
- Carebara mukkaliensis* Bharti & Akbar, 2014 (E) Kerala (65)
- Carebara nana* (Roger, 1863) Arunachal Pradesh (206, 358), Kerala (234)
- Carebara nayana* (Sheela & Narendran, 1997) (E) Karnataka (1), Kerala (322), Orissa (415)
- Carebara obtusidenta* (Xu, 2003) Arunachal Pradesh (1), Kerala (65), Sikkim (1), West Bengal (1)

- Carebara propomegata* Bharti & Kumar, 2013 (E) Himachal Pradesh (59), Jammu & Kashmir (7, 59), Punjab (59)
- Carebara raja* Forel, 1902 Orissa (1)
- Carebara rectangularata* Bharti & Kumar, 2013 (E) Jammu & Kashmir (7, 59)
- Carebara rectoridorsa* (Xu, 2003) Meghalaya (228)
- Carebara rothmeyei* (Forel, 1902) (E) Punjab (21), Sikkim (1), West Bengal (1)
- Carebara similis* (Mayr, 1862) Andaman and Nicobar Islands (254)
- Carebara spinata* Bharti & Kumar, 2013 (E) Himachal Pradesh (7, 59), Jammu & Kashmir (59), Uttarakhand (1)
- Carebara terayamai* Bharti & Akbar, 2014 (E) Arunachal Pradesh (65), Kerala (65)
- Carebara wroughtonii* (Forel, 1902) Kerala (225), Orissa (7, 186, 188, 356), West Bengal (356)
- Cataulacus**
- Cataulacus granulatus* (Latreille, 1802) Andaman and Nicobar Islands (83, 117, 189, 254), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (83, 188, 192), Tamil Nadu (167)
- Cataulacus latus* Forel, 1891 Arunachal Pradesh (1), Assam (1), Bihar (83), Goa (411), Himachal Pradesh (83), Karnataka (83, 188, 262, 287), Kerala (83, 140, 352), Maharashtra (83, 188), Manipur (1), Mizoram (1), Nagaland (1), Orissa (83, 188, 262, 287, 352, 356), Sikkim (1), Tamil Nadu (219, 262), Uttarakhand (1), West Bengal (1)
- Cataulacus muticus* Emery, 1889 Andaman and Nicobar Islands (254)
- Cataulacus simoni* Emery, 1893 Andaman and Nicobar Islands (83, 114, 189, 254), Haryana (408), Kerala (1), Meghalaya (1)
- Cataulacus taprobanae* Smith, 1853 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Goa (83, 411, 412), Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 83, 188, 256, 262, 264, 265, 287, 288, 362), Kerala (83, 188, 248), Maharashtra (83, 229, 248), Meghalaya (1), Nagaland (1), Sikkim (1), Tamil Nadu (83, 219, 256), Uttarakhand (1), West Bengal (1)
- Crematogaster**
- Crematogaster abdominalis* Motschoulsky, 1863 India (no state record, 32, 210)
- Crematogaster aberrans* Forel, 1892 Arunachal Pradesh (206), Assam (1), Gujarat (237), Haryana (408), Karnataka (206, 210, 352), Kerala (82, 114, 186, 188, 209, 210, 352), Maharashtra (7, 81, 82, 114, 115, 186, 188, 199, 206, 209, 210, 255, 352), Nagaland (1), Sikkim (1), West Bengal (255, 300, 352)
- Crematogaster aitkenii* Forel, 1902 Arunachal Pradesh (382), Karnataka (186, 188, 210, 352), West Bengal (352)
- Crematogaster anthracina* Smith, 1857 Arunachal Pradesh (1), Assam (1), Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (287), Manipur (1), Meghalaya (1), Mizoram (1), Punjab (1), Sikkim (1), Tamil Nadu (1), Uttarakhand (1), West Bengal (1)
- Crematogaster betapicalis* Bolton, 1995 (E) Punjab (210)
- Crematogaster binghamii* Forel, 1904 Arunachal Pradesh (1), Himachal Pradesh (7, 81), Jammu & Kashmir (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Crematogaster biroii* Mayr, 1897 Arunachal Pradesh (206), Himachal Pradesh (192, 210), Jammu & Kashmir (80), Karnataka (206, 210, 249, 352, 355), Meghalaya (1), Orissa (415), Punjab (214), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Crematogaster biroii smythiesii* Forel, 1902 Arunachal Pradesh (1), Himachal Pradesh (114, 186, 188, 210), Jammu & Kashmir (1), Sikkim (1), Uttarakhand (1), West Bengal (1)

- Creinatogaster brunnea* Smith, 1857 Tamil Nadu (352)
- Creinatogaster brunnea contemta* Mayr, 1879 Arunachal Pradesh (1), Assam (1), Gujarat (335, 340, 342), Haryana (335, 340, 342, 351), Himachal Pradesh (335, 340, 342), Karnataka (256), Maharashtra (115), Nagaland (1), Punjab (29, 335, 340, 342), Rajasthan (116, 334, 335, 338, 339, 340, 342, 344), Sikkim (1), Tamil Nadu (256), Uttar Pradesh (335, 340, 342), West Bengal (1)
- Creinatogaster brunnea nicevillei* Emery, 1922 Sikkim (1), West Bengal (1)
- Creinatogaster brunnea nilgirica* Emery, 1922 (E) Tamil Nadu (114, 188, 210, 352), West Bengal (352)
- Creinatogaster brunnea rabula* Forel, 1902 Karnataka (256), Maharashtra (7, 186, 188, 210, 214), Tamil Nadu (256), West Bengal (300)
- Creinatogaster brunnea ruginota* Santschi, 1928 Madhya Pradesh (186, 188, 210, 391), West Bengal (186, 188)
- Creinatogaster buddhae* Forel, 1902 Andaman and Nicobar Islands (355, 357), Arunachal Pradesh (1), Delhi (1), Kerala (305), Manipur (355, 357), Sikkim (1), West Bengal (1)
- Creinatogaster dahyi* Forel, 1902 (E) Haryana (408), Karnataka (262, 287), Tamil Nadu (82, 114, 186, 188, 209, 210, 352), West Bengal (352)
- Creinatogaster diffusa* (Jerdon, 1851) (E) Kerala (210, 352), Maharashtra (115)
- Creinatogaster dohrni* Mayr, 1879 Haryana (408), Karnataka (202, 262, 287), Kerala (1), Manipur (250), Tamil Nadu (210, 219, 352), Tripura (247, 250)
- Creinatogaster dohrni artifex* Mayr, 1879 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Karnataka (124, 260), Meghalaya (249)
- Creinatogaster ebenina* Forel, 1902 Arunachal Pradesh (1), Assam (1), Karnataka (7, 82, 186, 188, 209, 210, 262, 352, 355, 356), Kerala (225), Maharashtra (7, 82, 115, 186, 188, 209, 210, 262, 352, 355), Manipur (1), Nagaland (1), Sikkim (1), West Bengal (1)
- Creinatogaster flava* Forel, 1886 Andaman and Nicobar Islands (355), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (7, 81), Jammu & Kashmir (80), Karnataka (188), Kerala (188, 210, 249, 352, 355), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (188, 210, 249, 352, 355, 356), Sikkim (1), Tamil Nadu (210, 352, 355), Tripura (1), Uttarakhand (1), West Bengal (1)
- Creinatogaster himalayana* Forel, 1902 Himachal Pradesh (7, 186, 188, 192, 210), Manipur (357)
- Creinatogaster hogsoni* Forel, 1902 Haryana (351), Karnataka (262, 287), Meghalaya (1)
- Creinatogaster inflata* Smith, 1857 Manipur (357)
- Creinatogaster kirbii* (Sykes, 1835) (E) Maharashtra (210)
- Creinatogaster perelegans* Forel, 1902 Himachal Pradesh (7), Karnataka (256), Maharashtra (186, 188, 210), Punjab (210), Tamil Nadu (256)
- Creinatogaster politula* Forel, 1902 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (7), Jammu & Kashmir (80), Meghalaya (1), Sikkim (206, 355), West Bengal (255)
- Creinatogaster pradipi* Tiwari, 1999 (E) Tamil Nadu (210, 352)
- Creinatogaster ranssoneti* Mayr, 1868 Haryana (408), Karnataka (210, 287, 352, 355, 362), Maharashtra (229), Sikkim (1), West Bengal (204, 210, 352)
- Creinatogaster rogenhoferi* Mayr, 1879 Andaman and Nicobar Islands (189, 254, 355, 357), Arunachal Pradesh (1), Assam (1), Goa (410, 411, 412), Jammu & Kashmir (67, 80), Karnataka (256, 262, 287), Kerala (210, 248, 249, 352, 355, 357), Maharashtra (115, 194, 210, 248, 249, 352, 355, 357), Manipur (244, 355, 357), Meghalaya (248, 249, 355, 357), Sikkim (1), Tamil Nadu (210, 256, 352, 355, 357), Uttarakhand (1), West Bengal (1)

- Creumatogaster rothneyi* Mayr, 1879 Bihar (214), Goa (410, 411, 412), Gujarat (205, 210, 335, 337, 342, 352, 355, 356), Haryana (335, 337, 342), Himachal Pradesh (188, 192, 335, 337, 342), Jammu & Kashmir (1), Jharkhand (214), Karnataka (256, 265, 288, 362), Kerala (188), Maharashtra (115, 129, 188, 205, 210, 214, 229, 248, 249, 287, 335, 337, 342, 352, 355, 356), Meghalaya (1), Orissa (335, 337, 342), Punjab (335, 337, 342), Rajasthan (334, 335, 337, 342), Sikkim (1), Tamil Nadu (140, 188, 205, 210, 219, 256, 335, 337, 342, 352, 355), Uttar Pradesh (335, 337, 342), West Bengal (1)
- Creumatogaster rothneyi civa* Forel, 1902 Maharashtra (186, 188, 194, 210), Sikkim (1), West Bengal (1)
- Creumatogaster rufa* (Jerdon, 1851) (E) Kerala (210, 352), West Bengal (352)
- Creumatogaster sagei* Forel, 1902 Arunachal Pradesh (1), Haryana (355), Himachal Pradesh (7, 81, 186, 188, 192, 210), Jammu & Kashmir (67, 80), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Creumatogaster sagei laevinota* Forel, 1902 (E) Himachal Pradesh (186, 188, 210), Madhya Pradesh (186, 188, 210)
- Creumatogaster sikkimensis* Forel, 1904 (E) Sikkim (1, 209), West Bengal (1)
- Creumatogaster subnuda* Mayr, 1879 Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (410, 411, 412), Gujarat (340, 342), Haryana (31, 340, 342), Himachal Pradesh (7, 31, 81, 340, 342), Jammu & Kashmir (67, 80), Karnataka (124, 125, 262, 287, 340, 342), Maharashtra (31, 229, 340, 342), Meghalaya (228), Mizoram (1), Nagaland (1), Orissa (188), Punjab (31, 79, 214, 340, 342), Sikkim (1), Tamil Nadu (140, 188, 219, 289, 340, 342, 352), Uttar Pradesh (214, 340, 342), Uttarakhand (1), West Bengal (1)
- Creumatogaster travancorensis* Forel, 1902 Kerala (114, 186, 188, 210, 249, 352), Manipur (244), Meghalaya (1), West Bengal (352)
- Creumatogaster urvijae* Bharti, 2003 (E) Punjab (7, 26, 210)
- Creumatogaster walshi* Forel, 1902 Arunachal Pradesh (206), Assam (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (206, 249, 335, 337, 342, 355), Sikkim (1), West Bengal (1)
- Creumatogaster wroughthonii* Forel, 1902 Andaman and Nicobar Islands (254, 257), Haryana (408), Karnataka (19, 20, 202, 256, 262, 265, 287, 288), Kerala (305), Maharashtra (186, 188, 210, 262, 352), Tamil Nadu (210, 219, 256, 352), West Bengal (210, 352, 356)
- Dilobocondyla***
- Dilobocondyla bangalorica* Varghese, 2006 (E) Karnataka (363)
- Dilobocondyla gasteroreticulatus* Bharti & Kumar, 2013 (E) Himachal Pradesh (7, 58), Sikkim (1), Uttarakhand (1)
- Gauromyrmex***
- Gauromyrmex acanthinus* (Karavaiev, 1935) Arunachal Pradesh (1), Himachal Pradesh (7), Sikkim (1)
- Indomyrma***
- Indomyrma dasyptyx* Brown, 1986 (E) Karnataka (110), Kerala (7, 110)
- Kartidris***
- Kartidris nyos* Bolton, 1991 Meghalaya (1), Sikkim (1), West Bengal (1)
- Liomyrmex***
- Liomyrmex gestroi* (Emery, 1887) Andaman and Nicobar Islands (254, 296, 353), West Bengal (352)
- Lophomyrmex***
- Lophomyrmex ambiguus* Rigato, 1994 Arunachal Pradesh (1), Himachal Pradesh (295, 321), Jammu & Kashmir (80), Meghalaya (321), Sikkim (1), Uttarakhand (1), West Bengal (1)

- Lophomyrmex bedoti* Emery, 1893 Arunachal Pradesh (1), Himachal Pradesh (188, 214), Jammu & Kashmir (80), Meghalaya (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Lophomyrmex birmanus* Emery, 1893 Arunachal Pradesh (1), Meghalaya (1), Sikkim (321, 355)
- Lophomyrmex changlangensis* Sheela & Ghosh, 2008 (E) Arunachal Pradesh (1)
- Lophomyrmex kali* Rigato, 1994 (E) Arunachal Pradesh (1), Assam (1), West Bengal (204, 321)
- Lophomyrmex quadrispinosus* (Jerdon, 1851) Arunachal Pradesh (1), Assam (1), Haryana (408), Himachal Pradesh (192), Jammu & Kashmir (80), Karnataka (7, 188, 248, 249, 260, 262, 265, 287, 288, 306, 352, 355, 356, 362), Kerala (248, 249, 262, 287, 349, 352, 355), Maharashtra (188), Meghalaya (1), Mizoram (1), Orissa (188, 248, 249, 262, 287, 295, 352, 355, 356), Sikkim (1), Tamil Nadu (295, 352, 355), Uttar Pradesh (248, 249, 352, 355, 356), Uttarakhand (1), West Bengal (1)
- Lophomyrmex terraceensis* Bharti & Kumar, 2012 (E) Himachal Pradesh (7, 55, 55)
- Lordomyrma**
- Lordomyrma lakshmi* Taylor, 2012 (E) Kerala (346)
- Lordomyrma taylori* Bharti & Ali, 2013 (E) Kerala (7, 66)
- Mayriella**
- Mayriella transfuga* Baroni Urbani, 1977 Arunachal Pradesh (1), Himachal Pradesh (122, 317), Jammu & Kashmir (80), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Mayriella warchalowskii* Borowiec, 2007 Arunachal Pradesh (1), Meghalaya (102)
- Meranoplus**
- Meranoplus bellii* Forel, 1902 Karnataka (7, 186, 188, 262, 307, 352), Kerala (7, 114, 140, 307, 352), Maharashtra (307), Tamil Nadu (352), West Bengal (352)
- Meranoplus bicolor* (Guerin-Meneville, 1844) Arunachal Pradesh (1), Assam (1), Bihar (7, 214, 307, 357), Delhi (1), Goa (307, 357, 411), Gujarat (335, 340, 342, 357), Haryana (307, 335, 340, 342, 351, 357), Himachal Pradesh (307, 342, 357), Jammu & Kashmir (80), Jharkhand (214, 307), Karnataka (7, 125, 262, 264, 265, 287, 288, 306, 307, 335, 340, 342, 357, 362), Kerala (188, 307, 335, 342, 349, 357), Maharashtra (194, 229, 307, 335, 342, 357), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (307, 335, 342, 357), Punjab (29, 79, 214, 307, 335, 340, 342, 357), Rajasthan (116, 307, 333, 334, 335, 338, 340, 342, 344, 357), Sikkim (1), Tamil Nadu (7, 213, 219, 289, 307, 335, 340, 342, 352, 357, 391), Tripura (1), Uttar Pradesh (214, 307, 335, 342, 357), Uttarakhand (1), West Bengal (1)
- Meranoplus laeiventrus* Emery, 1889 Meghalaya (1)
- Meranoplus levis* Donisthorpe, 1942 Kerala (1), Tamil Nadu (7, 114, 140, 307, 352), West Bengal (352)
- Meranoplus periyarensis* Bharti & Akbar, 2014 (E) Kerala (62)
- Meranoplus rothneyi* Forel, 1902 Arunachal Pradesh (1), Assam (1), Kerala (7, 186, 188, 206, 249, 307, 352), Manipur (1), Meghalaya (1), Mizoram (1), Sikkim (1), Tamil Nadu (194), Tripura (307), West Bengal (1)
- Messor**
- Messor himalayanus* (Forel, 1902) Himachal Pradesh (7, 116, 186, 188, 192, 331, 332, 335, 336, 339, 342, 366), Jammu & Kashmir (67, 80, 186, 188, 190, 192), Kerala (275), Punjab (332, 335, 342), Rajasthan (116, 331, 332, 334, 335, 336, 338, 339, 342, 344)
- Messor instabilis* (Smith, 1858) Haryana (408), Himachal Pradesh (188), Jammu & Kashmir (80, 386), Madhya Pradesh (188), Maharashtra (188), Punjab (79), Rajasthan (188), Uttar Pradesh (188)
- Messor minor* (Andre, 1883) Haryana (114, 152, 152)
- Messor semirufus* (Andre, 1883) Jammu & Kashmir (172)

Metapone

Metapone nicobarensis Tiwari & Jonathan, 1986 (E) Andaman and Nicobar Islands (254, 354)

Monomorium

- Monomorium atomum* Forel, 1902 Arunachal Pradesh (1), Assam (1), Goa (411, 412), Karnataka (262, 335, 362), Maharashtra (186, 188, 262, 331, 335), Orissa (186, 188), Punjab (335), Rajasthan (331, 334, 335, 338, 344), Sikkim (1), West Bengal (1)
- Monomorium atomum integrum* Forel, 1902 (E) Maharashtra (186, 188, 194)
- Monomorium biroi* Forel, 1907 (E) Tamil Nadu (194)
- Monomorium carbonarium* (Smith, 1858) (I) Kerala (188)
- Monomorium dichroum* Forel, 1902 Karnataka (186, 188, 265, 287, 288), Maharashtra (7, 186, 188), Tamil Nadu (186, 188, 352), Uttar Pradesh (200), West Bengal (352)
- Monomorium effractor* Bolton, 1987 (E) Maharashtra (92)
- Monomorium floricola* (Jerdon, 1851) Andaman and Nicobar Islands (92, 254, 357), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (92, 124, 125, 262, 265, 287, 288), Kerala (205, 352, 357, 383, 386), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (205, 357), Sikkim (1), Tamil Nadu (205, 289, 352, 357), Tripura (1), West Bengal (1)
- Monomorium indicum* Forel, 1902 Andhra Pradesh (335, 336, 337, 340, 342, 352), Arunachal Pradesh (1), Assam (1), Delhi (1), Gujarat (335, 336, 337, 338, 340, 342, 344), Haryana (335, 336, 337, 340), Himachal Pradesh (342), Jammu & Kashmir (80), Karnataka (262, 265, 287, 288, 306, 335, 336, 337, 340, 342), Maharashtra (7, 194, 195, 287, 331, 335, 336, 337, 340, 342, 352), Manipur (1), Orissa (415), Punjab (29, 79, 214, 287, 331, 335, 336, 337, 340, 342, 352), Rajasthan (116, 331, 332, 334, 335, 335, 336, 337, 338, 339, 340, 342, 344), Sikkim (1), Tamil Nadu (194, 331, 335, 336, 337, 340, 342, 352), Uttar Pradesh (214), West Bengal (1)
- Monomorium indicus* (Smith, 1873) (E) West Bengal (299)
- Monomorium kempii* Mukerjee, 1930 (E) Sikkim (1), West Bengal (1)
- Monomorium latinode* Mayr, 1872 Arunachal Pradesh (1), Assam (1), Karnataka (92, 188, 265, 287, 288), Kerala (294), Maharashtra (188, 214), Manipur (1), Orissa (188, 205, 335, 357), Rajasthan (331, 334, 335, 338, 344), Sikkim (1), Tamil Nadu (92, 194, 205, 289, 335, 352, 357), Uttar Pradesh (3, 326), Uttarakhand (1), West Bengal (1)
- Monomorium longi* Forel, 1902 Arunachal Pradesh (1), Assam (1), Meghalaya (1), Rajasthan (332, 334, 335), Tripura (247, 250, 335)
- Monomorium luisae* Forel, 1904 Jammu & Kashmir (166)
- Monomorium monomorium* Bolton, 1987 (I) (see also the dubious records section) Himachal Pradesh (342), Karnataka (205, 262, 287, 342), Kerala (249, 352), Manipur (244), Meghalaya (249), Tamil Nadu (262), Uttarakhand (1), West Bengal (205, 342, 352)
- Monomorium orientale* Mayr, 1879 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (125, 188, 287), Manipur (1), Orissa (188), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Monomorium pharaonis* (Linnaeus, 1758) (I) Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (410, 411, 412), Gujarat (335, 336, 340, 342), Haryana (114, 335, 336, 340, 342), Himachal Pradesh (335, 336, 340, 342), Jammu & Kashmir (80), Karnataka (125, 205, 262, 265, 287, 288, 306, 336, 340, 352), Kerala (92), Maharashtra (129, 229), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (415), Punjab (79, 335, 336, 340, 342), Rajasthan (331, 334, 335, 336, 338, 342, 344), Sikkim (1), Tamil Nadu (286), Uttar Pradesh (335, 336, 340, 342), Uttarakhand (1), West Bengal (1)

- Monomorium rugifrons* (Smith, 1858) India (no further state, 32)
- Monomorium sagei* Forel, 1902 Andaman and Nicobar Islands (254, 257), Himachal Pradesh (186, 188, 192, 257, 272, 332, 342), Jammu & Kashmir (80), Karnataka (335, 342), Rajasthan (332, 334, 335, 342)
- Monomorium schurri* Forel, 1902 Kerala (249, 352), Madhya Pradesh (188), Meghalaya (1), Tamil Nadu (7, 352), West Bengal (352)
- Monomorium subopacum* (Smith, 1858) Karnataka (287, 362), Tamil Nadu (352)
- (I)**
- Myrmecina***
- Myrmecina pilicornis* Smith, 1858 (E) Maharashtra (114)
- Myrmecina striata* Emery, 1889 Arunachal Pradesh (1), Assam (1), Kerala (305), Meghalaya (1), Sikkim (1), West Bengal (1)
- Myrmecina urbanii* Tiwari, 1994 (E) Karnataka (362), Kerala (350, 352), Orissa (415), Tamil Nadu (1)
- Myrmecina vidyae* Tiwari, 1994 (E) Kerala (350, 352)
- Myrmica***
- Myrmica adrijae* Bharti, 2012 (E) Himachal Pradesh (7, 34)
- Myrmica aimonissabaudiae* Menozzi, 1939 Arunachal Pradesh (1), Himachal Pradesh (280), Jammu & Kashmir (7, 80, 280), Meghalaya (1), Sikkim (1), West Bengal (1)
- Myrmica cachmiriensis* Forel, 1904 Himachal Pradesh (1), Jammu & Kashmir (7, 80, 190, 190, 192, 280, 283, 375)
- Myrmica curvispinosa* Bharti & Sharma, 2013 (E) Himachal Pradesh (71, 71)
- Myrmica elmesi* Bharti & Sharma, 2011 (E) Jammu & Kashmir (7, 68, 80)
- Myrmica ereptrix* Bolton, 1988 (E) Jammu & Kashmir (7, 93, 280, 282, 283)
- Myrmica foreliana* Radchenko & Elmes, 2001 (E) Jammu & Kashmir (80), Madhya Pradesh (186, 188, 280, 280, 283, 375)
- Myrmica fortior* Forel, 1904 (E) Jammu & Kashmir (7, 80, 190, 192, 280, 281, 283, 375)
- Myrmica hecate* Weber, 1947 Arunachal Pradesh (1), Himachal Pradesh (280, 281), Jammu & Kashmir (280, 280), Sikkim (1), West Bengal (1)
- Myrmica indica* Weber, 1950 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Myrmica inezae* Forel, 1902 Himachal Pradesh (280, 281, 283), Madhya Pradesh (186, 188, 283, 375)
- Myrmica kothiensis* Bharti & Sharma, 2013 (E) Himachal Pradesh (71)
- Myrmica kozlovi* Ruzsky, 1915 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Myrmica longisculpta* Bharti & Sharma, 2011 (E) Jammu & Kashmir (69, 80)
- Myrmica margaritae* Emery, 1889 Meghalaya (1)
- Myrmica nefaria* Bharti, 2012 (E) Himachal Pradesh (7, 33, 33)
- Myrmica nitida* Radchenko & Elmes, 1999 (E) Himachal Pradesh (1), Jammu & Kashmir (7, 80, 279, 280, 283)
- Myrmica ordinaria* Radchenko & Elmes, 1999 Jammu & Kashmir (7, 80, 279, 280, 283)
- Myrmica pachei* Forel, 1906 Arunachal Pradesh (1), Sikkim (1), West Bengal (1)
- Myrmica petita* Radchenko & Elmes, 1999 (E) Jammu & Kashmir (279, 280, 283)
- Myrmica radchenkoi* Bharti & Sharma, 2011 (E) Jammu & Kashmir (70, 80)
- Myrmica religiosa* Bharti & Gul, 2013 (E) Uttarakhand (1)

<i>Myrmica rhytida</i> Radchenko & Elmes, 1999 (E)	Himachal Pradesh (1), Jammu & Kashmir (7, 80, 279, 280, 283)
<i>Myrmica rita</i> Emery, 1889	Sikkim (355)
<i>Myrmica rugosa</i> Mayr, 1865	Arunachal Pradesh (1), Himachal Pradesh (1), Jammu & Kashmir (67, 80, 280), Madhya Pradesh (188), Sikkim (1), Uttarakhand (1), West Bengal (1)
<i>Myrmica rupestris</i> Forel, 1902	Arunachal Pradesh (1), Himachal Pradesh (7, 186, 188, 280, 283, 375), Jammu & Kashmir (80, 190, 280), Sikkim (1), West Bengal (1)
<i>Myrmica smythiesii</i> Forel, 1902	Himachal Pradesh (186, 190, 280, 281, 283, 375), Jammu & Kashmir (67, 80), Uttarakhand (1)
<i>Myrmica urbanii</i> Radchenko & Elmes, 1998	Arunachal Pradesh (1), Meghalaya (1)
<i>Myrmica varisculpta</i> Radchenko & Elmes, 2009 (E)	Jammu & Kashmir (7, 80, 283, 284)
<i>Myrmica wardi</i> Radchenko & Elmes, 1999	Himachal Pradesh (279, 280, 283), Jammu & Kashmir (7, 80, 279, 280, 283)
<i>Myrmica weberi</i> Elmes & Radchenko, 2009	Bihar (151, 283), West Bengal (151, 283)
<i>Myrmica williamsi</i> Radchenko & Elmes, 1999 (E)	Jammu & Kashmir (7, 279, 280, 283)
<i>Myrmica wittmeri</i> Radchenko & Elmes, 1999	Himachal Pradesh (279, 280, 283), Jammu & Kashmir (80)
<i>Myrmecaria</i>	
<i>Myrmecaria brunnea</i> Saunders, 1842	Arunachal Pradesh (1), Assam (1), Bihar (214), Goa (410, 411, 412), Himachal Pradesh (1), Jammu & Kashmir (80), Jharkhand (214), Karnataka (260, 262, 264, 265, 287, 288, 291, 306, 362), Kerala (8, 140, 225, 301, 352, 369), Maharashtra (115, 188), Manipur (1), Meghalaya (1), Punjab (79), Sikkim (1), Tamil Nadu (7, 140, 213, 219, 256, 289, 352), Uttarakhand (1), West Bengal (1)
<i>Myrmecaria brunnea subcarinata</i> (Smith, 1857)	West Bengal (170)
<i>Myrmecaria carinata</i> (Smith, 1857)	Karnataka (7)
<i>Myrmecaria fodica</i> (Jerdon, 1851)	Arunachal Pradesh (1), Assam (1), Sikkim (1), Tamil Nadu (7), West Bengal (1)
<i>Paratopula</i>	
<i>Paratopula andamanensis</i> (Forel, 1903) (E)	Andaman and Nicobar Islands (94, 114, 189, 254)
<i>Paratopula ceylonica</i> (Emery, 1901)	Karnataka (1), Orissa (94, 186, 188, 320), Uttar Pradesh (320), West Bengal (94, 114, 186, 188, 300, 320, 356)
<i>Paratopula intermedia</i> Sheela & Narendran, 1998 (E)	Kerala (320, 323)
<i>Perissomyrmex</i>	
<i>Perissomyrmex monticola</i> Baroni Urbani & De Andrade, 1993	West Bengal (1)
<i>Pheidole</i>	
<i>Pheidole allani</i> Bingham, 1903	Meghalaya (249)
<i>Pheidole asperata</i> Emery, 1895	Gujarat (1), Karnataka (1), Kerala (1), Maharashtra (1), Tamil Nadu (1)
<i>Pheidole bandata</i> Bharti, 2004 (E)	Himachal Pradesh (30)
<i>Pheidole binghamii</i> Forel, 1902	Jammu & Kashmir (80)
<i>Pheidole capellinii</i> Emery, 1887	Andaman and Nicobar Islands (254), Meghalaya (1)
<i>Pheidole constanciae</i> Forel, 1902	Kerala (273), Meghalaya (1), Tamil Nadu (185, 186, 213, 249, 259, 273, 352), West Bengal (352)

- Pheidole constanciae nigra* Forel, 1902 (E) Tamil Nadu (185, 186)
- Pheidole coonoorensis* Forel, 1902 (E) Tamil Nadu (145, 185, 186)
- Pheidole diffusa* (Jerdon, 1851) (E) Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (1)
- Pheidole dumeraensis* Bharti, 2001 (E) Himachal Pradesh (22)
- Pheidole feae* Emery, 1895 Meghalaya (249)
- Pheidole fergusonii* Forel, 1902 Kerala (114, 185, 186, 352), Tamil Nadu (213, 259), West Bengal (352)
- Pheidole fervens* Smith, 1858 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (145, 145, 185, 186, 192), Jammu & Kashmir (80), Sikkim (1), West Bengal (1)
- Pheidole ghatika* Forel, 1902 (E) Kerala (273), Maharashtra (7, 185, 186, 213, 259)
- Pheidole grayi* Forel, 1902 (E) Goa (410), Maharashtra (185, 186, 213, 259), Sikkim (1)
- Pheidole horni* Emery, 1901 Manipur (357)
- Pheidole hospita* Bingham, 1903 (E) Sikkim (1), West Bengal (1)
- Pheidole indica* Mayr, 1879 Andaman and Nicobar Islands (189, 254), Arunachal Pradesh (1), Assam (1), Bihar (214), Delhi (1), Himachal Pradesh (7, 48, 145, 185, 186, 190, 192), Jammu & Kashmir (67, 80, 185, 186, 192, 273, 355), Jharkhand (214), Karnataka (185, 186), Kerala (185, 186, 273), Maharashtra (115, 145, 185, 186, 214), Meghalaya (249), Mizoram (1), Nagaland (1), Orissa (145, 185, 186), Punjab (79, 214), Sikkim (1), Tamil Nadu (219), Tripura (1), Uttarakhand (1), West Bengal (1)
- Pheidole jucunda* Forel, 1885 Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (80), Maharashtra (185, 186), Meghalaya (1), Nagaland (1), Sikkim (1), West Bengal (1)
- Pheidole jucunda fassulata* Forel, 1902 Himachal Pradesh (1), Jammu & Kashmir (80), Maharashtra (7, 186), Sikkim (192, 355), Uttarakhand (1)
- Pheidole lamellinoda* Forel, 1902 Delhi (1), Maharashtra (115, 185, 186), Meghalaya (1)
- Pheidole lamuginosa* Wilson, 1984 (E) Arunachal Pradesh (1), Assam (1)
- Pheidole latinoda* Roger, 1863 Arunachal Pradesh (1), Assam (1), Bihar (214), Delhi (1), Himachal Pradesh (7), Jharkhand (214), Maharashtra (185, 186, 214), Manipur (1), Mizoram (1), Nagaland (1), Punjab (29, 214), Sikkim (1), Tamil Nadu (219, 289), Tripura (1), Uttar Pradesh (214), West Bengal (1)
- Pheidole latinoda angustior* Forel, 1902 Delhi (1), Jammu & Kashmir (80), Maharashtra (185, 186, 194, 213, 259), Punjab (79)
- Pheidole latinoda major* Forel, 1885 (E) Jammu & Kashmir (80), Punjab (1), Uttarakhand (1), West Bengal (114, 170, 185, 186)
- Pheidole malabarica* (Jerdon, 1851) (E) West Bengal (352)
- Pheidole malinsii* Forel, 1902 Haryana (408), Meghalaya (249, 355), Sikkim (249, 352, 355), Tamil Nadu (352, 355), West Bengal (7)
- Pheidole megacephala* (Fabricius, 1793) (I) Andaman and Nicobar Islands (189, 254)
- Pheidole minor* (Jerdon, 1851) (E) Kerala (352), West Bengal (352)
- Pheidole multidens* Forel, 1902 Karnataka (287), Maharashtra (7, 185, 186), Uttar Pradesh (319), West Bengal (319)
- Pheidole mus* Forel, 1902 Karnataka (185, 186, 249, 352, 356), Maharashtra (214), Meghalaya (1), Sikkim (1), West Bengal (1)
- Pheidole naoraji* Forel, 1902 (E) Maharashtra (185, 186)
- Pheidole noda* Smith, 1874 Andaman and Nicobar Islands (189, 254), Arunachal Pradesh (1), Assam (1), Goa (1), Himachal Pradesh (185, 186, 192), Karnataka (185, 186), Kerala (185, 186), Maharashtra (185, 186, 194), Manipur (1), Orissa (185, 186), Sikkim (1), Tamil Nadu (256), Tripura (1), West Bengal (1)
- Pheidole parasitica* Wilson, 1984 (E) Arunachal Pradesh (1), Assam (1), Kerala (400)
- Pheidole parva* Mayr, 1865 Arunachal Pradesh (1), Himachal Pradesh (147, 148), Jammu & Kashmir (1), Karnataka (185, 186, 265, 288), Kerala (148, 185, 186), Maharashtra (185, 186), Meghalaya (1), Uttar Pradesh (147), Uttarakhand (1), West Bengal (300)

- Pheidole phipsoni* Forel, 1902 Karnataka (7, 185, 186, 352), Maharashtra (194), Tamil Nadu (194, 352)
- Pheidole pronotalis* Forel, 1902 Himachal Pradesh (1), Meghalaya (1), Sikkim (1)
- Pheidole providens* (Sykes, 1835) Maharashtra (330), West Bengal (352)
- Pheidole roberti* Forel, 1902 Gujarat (338, 340, 344), Karnataka (185, 186, 205, 249, 340, 352, 355, 356), Kerala (1), Maharashtra (340), Meghalaya (1), Sikkim (1), Tamil Nadu (1), West Bengal (204, 205, 266, 340, 352, 355, 356)
- Pheidole rogersi* Forel, 1902 Arunachal Pradesh (1), Assam (185, 186, 192), Sikkim (1), West Bengal (1)
- Pheidole rogersi taylori* Forel, 1902 Orissa (185, 186), West Bengal (114)
- Pheidole sagei* Forel, 1902 Himachal Pradesh (7, 185, 186, 192, 249), Jammu & Kashmir (80), Meghalaya (1), Uttarakhand (1)
- Pheidole sharpi* Forel, 1902 Goa (411, 412), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (185, 186, 265, 287), Kerala (274), Maharashtra (185, 186), Tamil Nadu (185, 186, 352), Uttarakhand (1)
- Pheidole sharpi hoogwerfi* Forel, 1902 Karnataka (352), Maharashtra (114, 115, 185, 186, 352), West Bengal (352)
- Pheidole singaporensis* Ozdikmen, 2010 Andaman and Nicobar Islands (254, 254), Jammu & Kashmir (80)
- Pheidole Smythiesii* Forel, 1902 Arunachal Pradesh (1), Assam (1), Haryana (408), Himachal Pradesh (147), Jammu & Kashmir (80), Meghalaya (1), Sikkim (249, 355, 355), Uttarakhand (1), West Bengal (7, 147, 300, 355)
- Pheidole spathifera* Forel, 1902 Andhra Pradesh (352), Assam (262, 319, 351, 352, 356), Delhi (1), Haryana (351), Jammu & Kashmir (80), Karnataka (262, 265, 287, 288, 306, 319, 362), Kerala (185, 186, 225, 319, 352), Tamil Nadu (167, 168, 185, 186, 213, 259, 293, 319, 352), West Bengal (300, 319, 351, 352, 356)
- Pheidole spathifera aspatha* Forel, 1902 Assam (114, 185, 186), Delhi (1), Himachal Pradesh (1), Jammu & Kashmir (80), Kerala (185, 186), Punjab (79)
- (E)**
- Pheidole spathifera yerburyi* Forel, 1902 Tamil Nadu (194)
- Pheidole sulcaticeps* Roger, 1863 Gujarat (335, 338, 340, 344), Maharashtra (185, 186), Orissa (185, 186), Rajasthan (116, 334, 335, 338, 339, 344), Tamil Nadu (1), West Bengal (114, 335, 339, 340, 356)
- Pheidole sulcaticeps punensis* Forel, 1902 Maharashtra (185, 186)
- (E)**
- Pheidole sykesii* Forel, 1902 **(E)** Arunachal Pradesh (1), Assam (1), Karnataka (287), Maharashtra (185, 186, 213, 259), Sikkim (1), West Bengal (1)
- Pheidole templaria* Forel, 1902 Assam (185, 186)
- Pheidole terraceensis* Bharti, 2001 **(E)** Himachal Pradesh (22)
- Pheidole vulgaris* Eguchi, 2006 Uttar Pradesh (146, 147, 148)
- Pheidole watsoni* Forel, 1902 Andaman and Nicobar Islands (254), Arunachal Pradesh (206), Haryana (408), Jammu & Kashmir (80), Karnataka (265, 287, 288), Maharashtra (229), Meghalaya (249), Orissa (185, 186), West Bengal (186, 249, 287, 300, 356)
- Pheidole woodmasoni* Forel, 1885 Arunachal Pradesh (1), Assam (1), Delhi (1), Himachal Pradesh (185, 186, 192), Jammu & Kashmir (80), Karnataka (185, 262, 265, 287, 288, 306, 362), Maharashtra (185, 186), Meghalaya (1), Orissa (185, 186), Punjab (214), Sikkim (1), Tamil Nadu (185, 186), Uttarakhand (1), West Bengal (1)
- Pheidole wroughtonii* Forel, 1902 **(E)** Gujarat (335, 338, 340, 344), Karnataka (185, 186, 262, 335, 339, 340), Maharashtra (185, 186), Rajasthan (331, 334, 335, 338, 339, 344), Uttar Pradesh (7)
- Pristomyrmex**
- Pristomyrmex brevispinosus* Emery, 1887 Assam (382)
- Pristomyrmex sulcatus* Emery, 1895 Sikkim (1)

Recurvidris

- Recurvidris pickburni* Bolton, 1992 Uttar Pradesh (122)
- Recurvidris recurvispinosa* (Forel, 1890) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (96, 205, 324, 342), Jammu & Kashmir (80), Karnataka (205, 262, 265, 287, 288, 342, 362), Kerala (96, 205, 324, 342), Maharashtra (96, 114, 173, 188, 248, 249, 262, 388, 391), Manipur (1), Meghalaya (1), Orissa (415), Punjab (1), Sikkim (1), Tamil Nadu (96, 205, 324, 342), Uttarakhand (1), West Bengal (1)

Rhopalomastix

- Rhopalomastix rothneyi* Forel, 1900 Karnataka (122), Sikkim (1), West Bengal (1)

Solenopsis

- Solenopsis geminata* (Fabricius, 1804) (I) Andaman and Nicobar Islands (114, 117, 189, 254, 340, 355, 357), Arunachal Pradesh (1), Assam (1), Bihar (214, 360), Goa (7, 410, 411, 412), Gujarat (335, 340), Himachal Pradesh (1), Jammu & Kashmir (80), Jharkhand (214, 360), Karnataka (7, 125, 205, 214, 260, 262, 265, 288, 306, 335, 340, 352, 355, 357, 362), Kerala (205, 225, 335, 340, 352, 355, 357), Maharashtra (214, 229), Manipur (205, 355, 357), Meghalaya (205, 355, 357), Mizoram (1), Nagaland (1), Orissa (205, 335, 355, 357), Punjab (21, 335, 340), Rajasthan (334, 335, 340, 343), Sikkim (1), Tamil Nadu (112, 205, 219, 286, 293, 335, 340, 352, 355, 357), Tripura (1), West Bengal (1)
- Solenopsis nitens* Bingham, 1903 Karnataka (125), Kerala (305)

Stenammas

- Stenammas jhitingriense* Bharti, Gul & Sharma, 2012 (E) Himachal Pradesh (7, 74)
- Stenammas kashmirensis* Baroni Urbani, 1977 Himachal Pradesh (103), Jammu & Kashmir (7, 11, 143, 242)
- Stenammas wilsoni* Bharti, Gul & Sharma, 2012 (E) Himachal Pradesh (7, 74)

Strumigenys

- Strumigenys aduncomala* De Andrade, 2007 (E) Arunachal Pradesh (1), Meghalaya (16)
- Strumigenys assamensis* Baroni Urbani & De Andrade, 1994 (E) Arunachal Pradesh (1), Meghalaya (7, 15)
- Strumigenys emmae* (Emery, 1890) (I) Arunachal Pradesh (1), Assam (1), Gujarat (1), Karnataka (361, 362), Kerala (1), Maharashtra (1), Manipur (1), Sikkim (1), West Bengal (1)
- Strumigenys exilirhina* Bolton, 2000 Arunachal Pradesh (1), Assam (1), Nagaland (1), Sikkim (1), Tripura (1), Uttar Pradesh (1), Uttarakhand (1), West Bengal (1)
- Strumigenys fixata* Bolton, 2000 (E) Karnataka (1), Kerala (99), Maharashtra (1), Tamil Nadu (7)
- Strumigenys godeffroyi* Mayr, 1866 Karnataka (262), Kerala (1), Maharashtra (186, 188), Meghalaya (1), Sikkim (1), West Bengal (352)
- Strumigenys habropilosa* Bolton, 2000 (E) Kerala (1), Tamil Nadu (7)
- Strumigenys hemisobek* (Bolton, 2000) Kerala (61), Sikkim (1)
- Strumigenys hostilis* Bolton, 2000 (E) Goa (7, 99), Karnataka (7, 99)
- Strumigenys hypoturba* Bolton, 2000 (E) Kerala (99), Tamil Nadu (7)
- Strumigenys lyroessa* (Roger, 1862) Arunachal Pradesh (1), Assam (1), Goa (7, 99), Gujarat (1), Karnataka (7, 99), Kerala (99), Maharashtra (1), Nagaland (1), Sikkim (1), Tamil Nadu (1), West Bengal (1)
- Strumigenys membranifera* Emery, 1869 (I) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Jammu & Kashmir (1), Mizoram (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Strumigenys mitis* (Brown, 2000) Arunachal Pradesh (1), Assam (1), Kerala (61), Mizoram (1), Sikkim (1), West Bengal (1)

<i>Strumigenys mukkaliensis</i> Bharti & Akbar, 2013 (E)	Kerala (61)
<i>Strumigenys mutica</i> (Brown, 1949)	Kerala (61)
<i>Strumigenys nannosobek</i> (Bolton, 2000)	Kerala (61), Sikkim (1)
<i>Strumigenys nanzanensis</i> Lin & Wu, 1996	Sikkim (1), West Bengal (1)
<i>Strumigenys nepalensis</i> Baroni Urbani & De Andrade, 1994	Arunachal Pradesh (1), Assam (1), Himachal Pradesh (122), Manipur (1), Meghalaya (15), Mizoram (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
<i>Strumigenys perauacta</i> Bolton, 2000 (E)	Goa (7, 99), Karnataka (7, 99)
<i>Strumigenys podarge</i> (Bolton, 2000)	Himachal Pradesh (122)
<i>Strumigenys rogeri</i> Emery, 1890 (I)	Kerala (61)
<i>Strumigenys smythiesii</i> Forel, 1902 (E)	Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Kerala (225)
<i>Strumigenys thanikkudyensis</i> Bharti & Akbar, 2013 (E)	Kerala (61)
<i>Strumigenys virgila</i> Bolton, 2000	Arunachal Pradesh (1), Assam (1), Himachal Pradesh (7, 99), Sikkim (1), Uttar Pradesh (1), West Bengal (1)
<i>Temnothorax</i>	
<i>Temnothorax desioi</i> (Menozi, 1939)	Himachal Pradesh (1), Jammu & Kashmir (80), Uttarakhand (1)
<i>Temnothorax desioi melanicus</i> (Menozi, 1939) (E)	Himachal Pradesh (1), Jammu & Kashmir (7, 80)
<i>Temnothorax fultonii</i> (Forel, 1902)	Himachal Pradesh (186, 188, 192), Jammu & Kashmir (80)
<i>Temnothorax himachalensis</i> Bharti, Gul & Schulz, 2012 (E)	Himachal Pradesh (7, 72), Jammu & Kashmir (72)
<i>Temnothorax inermis</i> (Forel, 1902) (E)	Himachal Pradesh (186, 188, 192)
<i>Temnothorax kashmirensis</i> Bharti, Gul & Schulz, 2012 (E)	Himachal Pradesh (7, 72), Jammu & Kashmir (7, 72)
<i>Temnothorax microreticulatus</i> Bharti, Gul & schulz, 2012 (E)	Himachal Pradesh (7, 72)
<i>Temnothorax nordmeyereri</i> (Schulz, 1997) (E)	Goa (308), Karnataka (308)
<i>Temnothorax rothneyi</i> (Forel, 1902) (E)	Himachal Pradesh (186, 188), Jammu & Kashmir (80), Kerala (225), Madhya Pradesh (186, 188, 355), Meghalaya (228), Sikkim (114, 192, 355), Uttarakhand (1)
<i>Temnothorax rothneyi simlensis</i> (Forel, 1904) (E)	Himachal Pradesh (190, 192)
<i>Temnothorax schurri</i> (Forel, 1902) (E)	Himachal Pradesh (1), Madhya Pradesh (186, 188)
<i>Temnothorax wroughtonii</i> (Forel, 1904) (E)	Jammu & Kashmir (190, 192)
<i>Tetramorium</i>	
<i>Tetramorium barryi</i> Mathew, 1981 (E)	Arunachal Pradesh (1), Meghalaya (1), Sikkim (1)
<i>Tetramorium beelsoni</i> (Mukerjee, 1934) (E)	Karnataka (256), Tamil Nadu (256)
<i>Tetramorium belgaense</i> Forel, 1902 (E)	Goa (7), Karnataka (7, 87, 88, 186, 188, 352), West Bengal (352)
<i>Tetramorium bicarinatum</i> (Nylander, 1846) (I)	Andaman and Nicobar Islands (87, 248, 249, 254, 355), Arunachal Pradesh (248, 249), Assam (87, 248, 249, 355), Himachal Pradesh (1), Karnataka (87, 248, 249, 262, 265), Maharashtra (229), Meghalaya (248, 249, 355), Sikkim (355), Uttarakhand (1)
<i>Tetramorium browni</i> Bolton, 1980	Arunachal Pradesh (1)
<i>Tetramorium caldarium</i> (Roger, 1857) (I)	Punjab (56), Rajasthan (89)
<i>Tetramorium christiei</i> Forel, 1902	Meghalaya (1), Sikkim (1), West Bengal (1)

- Tetramorium coonoorensis* Forel, 1902 (E) Himachal Pradesh (1), Kerala (352), Tamil Nadu (7, 86, 186, 188, 352), Uttarakhand (1), West Bengal (352)
- Tetramorium cordatum* Sheela & Narendran, 1998 (E) Kerala (325)
- Tetramorium decamerum* (Forel, 1902) (E) Karnataka (86, 114, 186, 188, 256, 262, 352), Tamil Nadu (256), West Bengal (352)
- Tetramorium elisabethae* Forel, 1904 (E) Jammu & Kashmir (7, 87, 190, 192)
- Tetramorium fergusonii* Forel, 1902 (E) Kerala (7, 87, 186, 188, 352), West Bengal (352)
- Tetramorium indicum* Forel, 1913 Andaman and Nicobar Islands (87, 254), Kerala (87), Sikkim (1), West Bengal (1)
- Tetramorium inglebyi* Forel, 1902 Goa (1), Gujarat (1), Karnataka (287), Kerala (7, 87, 186, 188, 287, 352), Maharashtra (1), Tamil Nadu (1), West Bengal (352)
- Tetramorium keralense* Sheela & Narendran, 1998 (E) Kerala (325)
- Tetramorium kheperra* (Bolton, 1976) Assam (86)
- Tetramorium lanuginosum* Mayr, 1870 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (7), Gujarat (206, 355), Haryana (1), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 214), Kerala (86, 249), Maharashtra (86, 249), Meghalaya (1), Orissa (86, 188, 208, 249, 356), Punjab (214), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Tetramorium malabarensis* Sheela & Narendran, 1998 (E) Kerala (325)
- Tetramorium mayri* (Forel, 1912) Maharashtra (7, 88, 91, 106, 114, 400)
- Tetramorium meghalayense* Bharti, 2011 (E) Meghalaya (1)
- Tetramorium mixtum* Forel, 1902 Goa (7), Karnataka (7, 262, 287, 362), Kerala (87, 249, 352), Meghalaya (1), Tamil Nadu (7, 87, 114, 186, 188, 249, 352), West Bengal (352)
- Tetramorium myops* Bolton, 1977 (E) Chhattisgarh (7, 87), Kerala (1), Madhya Pradesh (7, 87, 87)
- Tetramorium nursei* Bingham, 1903 Haryana (408), Kerala (305)
- Tetramorium obesum* Andre, 1887 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (1), Karnataka (125, 188, 256, 352, 356), Kerala (86, 188), Maharashtra (115, 352, 356), Sikkim (1), Tamil Nadu (188, 256), West Bengal (1)
- Tetramorium pacificum* Mayr, 1870 (I) Andaman and Nicobar Islands (254, 355), Arunachal Pradesh (1), Assam (1), Karnataka (327), Kerala (1), Manipur (1), Mizoram (1), Sikkim (1), West Bengal (1)
- Tetramorium petiolatum* Sheela & Narendran, 1998 (E) Kerala (325)
- Tetramorium pilosum* Emery, 1893 Haryana (408)
- Tetramorium rossi* (Bolton, 1976) (E) Kerala (7, 86)
- Tetramorium rugigaster* Bolton, 1977 (E) Karnataka (287), Kerala (7, 87, 287)
- Tetramorium salvatum* Forel, 1902 Gujarat (335, 340, 342), Himachal Pradesh (342), Rajasthan (334, 335, 338, 339, 340, 342, 344)
- Tetramorium scabrum* Mayr, 1879 Sikkim (192)
- Tetramorium sentosum* Sheela & Narendran, 1998 (E) Kerala (325)
- Tetramorium shivalikense* Bharti & Kumar, 2012 (E) Himachal Pradesh (56), Punjab (56), Uttarakhand (1)
- Tetramorium simillimum* (Smith, 1851) (I) Arunachal Pradesh (1), Assam (1), Bihar (214), Goa (7), Himachal Pradesh (1), Jammu & Kashmir (80), Jharkhand (214), Karnataka (7), Maharashtra (188), Manipur (1), Meghalaya (1), Punjab (87, 214, 249), Sikkim (1), West Bengal (1)

- Tetramorium smithi* Mayr, 1879 Arunachal Pradesh (1), Assam (1), Bihar (214), Goa (7), Haryana (21), Himachal Pradesh (21), Jammu & Kashmir (80), Jharkhand (214), Karnataka (7, 87, 125, 188, 262, 362), Kerala (87, 225, 249), Maharashtra (87, 229, 249), Meghalaya (1), Punjab (21), Sikkim (1), West Bengal (1)
- Tetramorium tonganum* Mayr, 1870 (I) Himachal Pradesh (56), Uttarakhand (1)
- Tetramorium tortuosum* Roger, 1863 Karnataka (19, 20, 87, 114, 186, 188, 262, 352), Kerala (87), Meghalaya (249), Sikkim (355), Tamil Nadu (87), West Bengal (352)
- Tetramorium triangulatum* Bharti & Kumar, 2012 (E) Himachal Pradesh (56), Punjab (56), Uttarakhand (1)
- Tetramorium urbanii* Bolton, 1977 Meghalaya (56, 228), Sikkim (1)
- Tetramorium walshi* (Forel, 1890) Arunachal Pradesh (1), Assam (1), Bihar (214), Delhi (1), Himachal Pradesh (262, 319, 333, 335, 342, 343), Jammu & Kashmir (80), Jharkhand (214), Karnataka (125, 188, 262, 265, 287, 288, 319, 333, 335, 342, 343, 362), Kerala (7, 188, 249, 319, 335, 342, 352), Maharashtra (173, 188), Manipur (1), Meghalaya (1), Nagaland (1), Orissa (249, 319, 335, 342), Punjab (79, 214), Rajasthan (333, 334, 335, 342, 343), Sikkim (1), Tamil Nadu (114, 186, 188, 219, 249, 256, 289, 319, 335, 342, 352), Uttar Pradesh (214, 319), West Bengal (1)
- Tetramorium wroughtonii* (Forel, 1902) Arunachal Pradesh (1), Assam (1), Goa (410), Gujarat (340), Himachal Pradesh (21, 21), Karnataka (1, 7, 86, 91, 107, 186, 188, 248, 249, 340, 345, 352, 355, 362, 391), Kerala (1, 225), Maharashtra (340), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Sikkim (1), Tamil Nadu (219), Tripura (355), West Bengal (1)
- Tetramorium yerburyi* Forel, 1902 Kerala (305), Tamil Nadu (352)
- Trichomyrmex***
- Trichomyrmex aberrans* (Forel, 1902) Arunachal Pradesh (206), Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (80), Madhya Pradesh (186, 188, 206), Meghalaya (249), Uttarakhand (1)
- Trichomyrmex criniceps* (Mayr, 1879) Arunachal Pradesh (1), Assam (1), Gujarat (335, 340), Haryana (335, 340), Karnataka (7, 186, 188, 262, 277, 285, 287, 335, 340, 352, 362), Maharashtra (115, 186, 188, 277, 285, 352), Punjab (79), Rajasthan (331, 334, 335, 338, 340, 344), Sikkim (1), Tamil Nadu (277), West Bengal (1)
- Trichomyrmex destructor* (Jerdon, 1851) (I) Andaman and Nicobar Islands (92, 189, 254), Delhi (1), Goa (410, 411, 412), Gujarat (335, 340, 342), Haryana (122, 335, 340, 342), Himachal Pradesh (190, 335, 340, 342), Jammu & Kashmir (80), Karnataka (262, 265, 287, 288, 335, 340, 342, 362), Kerala (92, 335), Maharashtra (194, 194), Punjab (79, 335, 340, 342), Rajasthan (334, 335, 338, 339, 340, 340, 342, 344), Tamil Nadu (122, 256, 289, 335, 340), Uttar Pradesh (335, 340, 342), Uttarakhand (1), West Bengal (92, 205, 335, 342, 352)
- Trichomyrmex glaber* (Andre, 1883) Arunachal Pradesh (1), Assam (1), Gujarat (335, 338, 340, 344), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (186, 188, 214, 277, 287, 352, 362), Kerala (7), Maharashtra (114, 186, 188, 277, 352), Mizoram (1), Punjab (79, 335, 340), Rajasthan (331, 334, 335, 338, 339, 340, 344), Sikkim (1), Tamil Nadu (140, 277, 335, 340, 352), Uttarakhand (1), West Bengal (1)
- Trichomyrmex mayri* (Forel, 1902) Gujarat (337), Karnataka (7), Kerala (337, 352), Maharashtra (7, 194), Rajasthan (331, 334, 337, 338, 339, 344), Tamil Nadu (92, 337, 352)
- Trichomyrmex scabriceps* (Mayr, 1879) Arunachal Pradesh (1), Assam (1), Bihar (214), Delhi (1), Goa (1, 214), Gujarat (335, 336, 340), Haryana (335), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (186, 188, 260, 262, 265, 277, 287, 288, 306, 335, 336, 340, 352), Kerala (285, 319, 335, 336, 339, 340, 352), Maharashtra (188), Orissa (335), Punjab (214, 319, 335, 336, 339, 340, 352), Rajasthan (334, 335, 336, 338, 339, 340, 344), Sikkim (1), Tamil Nadu (140, 289, 335, 336, 340, 352), Uttarakhand (1), West Bengal (1)

Trichomyrmex wroughtoni Forel, 1902 Goa (1), Gujarat (335, 340, 342), Haryana (335, 342), Himachal Pradesh (335, 342), Karnataka (7, 186, 188, 197, 262, 331, 335, 342, 352), Kerala (225), Maharashtra (186, 188, 194, 195, 331, 335, 340, 342, 352), Punjab (335, 342), Rajasthan (331, 334, 335, 338, 340, 342, 344), Uttar Pradesh (335, 342), West Bengal (352)

Tyrannomyrmex

Tyrannomyrmex dux Borowiec, 2007 (E) Kerala (7, 101)

Vollenhovia

Vollenhovia gastropunctata Bharti & Kumar, 2013 (E) Himachal Pradesh (57)

Vollenhovia oblonga laevithorax Emery, 1889 Andaman and Nicobar Islands (189, 254)

Vollenhovia penetrans (Smith, 1857) Andaman and Nicobar Islands (7)

Vombisidris

Vombisidris humboldticola Zacharias & Rajan, 2004 (E) Karnataka (202, 404), Kerala (404)

Vombisidris occidua Bolton, 1991 (E) Karnataka (7, 95, 122)

PONERINAE

Anochetus

Anochetus cryptus Bharti & Wachkoo, 2013 (E) Himachal Pradesh (44), Jammu & Kashmir (7, 44)

Anochetus graeffei Mayr, 1870 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Goa (7), Gujarat (335, 337, 338, 340, 344), Haryana (7, 122, 261, 316), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 179, 260, 261, 287, 335, 337, 340, 352, 362), Kerala (179, 352), Maharashtra (179, 335, 337, 340, 340, 352), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (179, 335, 337, 340), Rajasthan (331, 334, 335, 337, 338, 340, 344), Sikkim (1), Tamil Nadu (7, 111, 179, 213, 261, 316, 335, 337, 340, 352), Uttar Pradesh (214), Uttarakhand (1), West Bengal (1)

Anochetus kanariensis Forel, 1900 (E) Karnataka (7, 160, 179, 261, 352), Kerala (261), Tamil Nadu (160, 179, 261, 352), West Bengal (352)

Anochetus madaraszi Mayr, 1897 Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (1), Karnataka (111, 179), Manipur (1), Mizoram (1), Orissa (111, 179), Sikkim (1), Uttar Pradesh (7, 122), West Bengal (1)

Anochetus myops Emery, 1893 Arunachal Pradesh (1), Himachal Pradesh (1), Meghalaya (1), Sikkim (1), Uttarakhand (1), West Bengal (1)

Anochetus obscurior Brown, 1978 Karnataka (362), Tamil Nadu (7)

Anochetus pupulatus Brown, 1978 (E) Gujarat (1), Karnataka (1), Kerala (7, 111), Maharashtra (1), Tamil Nadu (111)

Anochetus rufus (Jerdon, 1851) (E) Tamil Nadu (7, 111, 114, 140, 352), West Bengal (352)

Anochetus sedilloti Emery, 1884 Gujarat (111, 179, 338, 340, 344), Karnataka (179), Maharashtra (7, 179, 340), Punjab (1), Rajasthan (340), Tamil Nadu (111, 179, 340, 352)

Anochetus validus Bharti & Wachkoo, 2013 (E) Jammu & Kashmir (7, 44)

Anochetus yerburyi Forel, 1900 Bihar (7, 122, 214), Goa (7, 122, 214), Karnataka (335, 337, 362), Rajasthan (334, 335, 337)

Bothroponera

Bothroponera henryi Donisthorpe, 1942 (E) Goa (411, 412), Karnataka (288), Tamil Nadu (7, 114, 140, 352), West Bengal (352)

Bothroponera rubiginosa (Emery, 1889) Arunachal Pradesh (1), Assam (1), Bihar (214), Jharkhand (214), Maharashtra (160, 352), Manipur (1), Mizoram (1), Sikkim (1), Tamil Nadu (256, 352), West Bengal (1)

- Bothroponera sulcata* (Mayr, 1867) Andhra Pradesh (352), Arunachal Pradesh (1), Assam (1), Goa (410, 411, 412), Haryana (180), Himachal Pradesh (180, 192), Jammu & Kashmir (80), Karnataka (261, 265, 287), Kerala (261), Madhya Pradesh (261), Maharashtra (180, 194, 261), Manipur (1), Orissa (180), Sikkim (1), Tamil Nadu (7, 180, 256, 289, 352), Tripura (1), West Bengal (1)
- Bothroponera sulcata fossulata* (Forel, 1900) (E) Tamil Nadu (7, 114, 160, 180, 352), West Bengal (114, 352)
- Bothroponera sulcata sulcatotesserinoda* (Forel, 1900) (E) Kerala (160, 180), Tamil Nadu (7, 114, 160, 180, 201), West Bengal (114)
- Bothroponera tesseronoda* (Emery, 1877) Arunachal Pradesh (1), Assam (1), Goa (1), Himachal Pradesh (180, 192), Karnataka (180, 215, 261, 265, 287, 288, 327), Kerala (180, 261, 352), Maharashtra (180, 194), Mizoram (1), Nagaland (1), Orissa (180), Punjab (79), Sikkim (1), Tamil Nadu (140, 180, 194, 219, 352), Tripura (1), Uttar Pradesh (2, 3, 287, 326, 352, 356), Uttarakhand (1), West Bengal (1)
- Brachyponera***
- Brachyponera jerdonii* (Forel, 1900) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (7), Jammu & Kashmir (1), Kerala (114, 180, 352), Maharashtra (180), Manipur (1), Mizoram (1), Nagaland (1), Sikkim (1), Tripura (1), Uttarakhand (1), West Bengal (1)
- Brachyponera luteipes* (Mayr, 1862) Andaman and Nicobar Islands (160, 189, 217, 254, 345, 356, 383, 393), Arunachal Pradesh (1), Assam (1), Haryana (180), Himachal Pradesh (180, 190, 192), Jammu & Kashmir (80), Karnataka (180, 261, 265, 288, 306), Kerala (180, 206, 352), Madhya Pradesh (180), Maharashtra (180), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (415), Punjab (79), Sikkim (1), Tamil Nadu (180, 219), Tripura (1), Uttarakhand (1), West Bengal (1)
- Brachyponera luteipes continentalis* (Karavaiev, 1925) (E) Karnataka (220, 221, 352), West Bengal (352)
- Brachyponera nigrita* (Emery, 1895) Assam (382), Haryana (408), Meghalaya (249, 355), Punjab (79), Sikkim (160, 249, 355), Uttarakhand (1), West Bengal (7, 132, 180, 192)
- Brachyponera obscurans* (Walker, 1859) Himachal Pradesh (214), Punjab (214), Uttar Pradesh (214)
- Brachyponera semmaarensis* (Mayr, 1862) (I) Maharashtra (379)
- Buniapone***
- Buniapone amblyops* (Emery, 1887) Assam (1), Meghalaya (248, 249, 355), Sikkim (1), Uttarakhand (1)
- Centromyrmex***
- Centromyrmex feae* (Emery, 1889) Assam (382), Karnataka (261, 263), Kerala (1), Orissa (415), West Bengal (214, 356)
- Cryptopone***
- Cryptopone nicobarensis* Forel, 1905 (E) Andaman and Nicobar Islands (160, 191, 392)
- Cryptopone subterranea* Bharti & Wachkoo, 2013 (E) Himachal Pradesh (41), Jammu & Kashmir (7, 41)
- Cryptopone testacea* Emery, 1893 Kerala (140, 352), Tamil Nadu (140), West Bengal (352)
- Diacamma***
- Diacamma assamense* Emery, 1897 Arunachal Pradesh (1), Assam (1), Karnataka (1), Sikkim (206, 355), Tamil Nadu (1), Tripura (247, 250)
- Diacamma ceylonense* Emery, 1897 Goa (411), Karnataka (10, 362, 365), Kerala (160, 352), Maharashtra (229), Tamil Nadu (352)
- Diacamma cyaneiventre* Andre, 1887 Karnataka (6, 261, 287), Kerala (261, 287, 352), Tamil Nadu (5, 157, 180), West Bengal (352)

- Diacamma indicum* Santschi, 1920 Andaman and Nicobar Islands (7, 114, 160, 189), Arunachal Pradesh (1), Assam (1), Karnataka (7, 368), Manipur (1), Mizoram (1), Sikkim (1), West Bengal (1)
- Diacamma rugosum* (Le Guillou, 1842) Andaman and Nicobar Islands (117, 254, 257, 352, 355), Arunachal Pradesh (1), Assam (1), Bihar (117), Goa (410, 411, 412), Karnataka (19, 20, 117, 180, 214, 248, 249, 260, 261, 265, 288, 306, 319, 327, 352, 355), Kerala (180, 261, 349, 352), Maharashtra (117, 205, 229, 248, 249, 257, 261, 319, 352, 355, 356), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (117, 205, 248, 249, 257, 261, 352, 355, 356), Sikkim (1), Tamil Nadu (256, 289, 352, 355), Tripura (1), West Bengal (1)
- Diacamma rugosum doveri* Mukherjee, 1934 (E) Karnataka (256)
- Diacamma rugosum jerdoni* Forel, 1903 Kerala (114, 140, 352), West Bengal (352)
- Diacamma rugosum rothmeyei* Forel, 1900 Kerala (7, 160, 180)
- Diacamma rugosum sculptum* (Jerdon, 1851) Andaman and Nicobar Islands (206, 355), Arunachal Pradesh (1), Assam (1), Karnataka (180, 206, 352, 355, 356), Kerala (180, 206, 225, 352, 355), Maharashtra (180, 206, 355, 356), Orissa (180), Sikkim (1), Tamil Nadu (206, 352, 355), West Bengal (1)
- Diacamma rugosum sikkimense* Forel, 1903 Sikkim (1)
- Diacamma rugosum viridipurpureum* Emery, 1893 India (no further state, 32)
- Diacamma scalpratum* (Smith, 1858) Arunachal Pradesh (1), Assam (160, 180, 248, 249, 261, 355, 356), Jammu & Kashmir (114), Karnataka (261), Kerala (225, 261), Meghalaya (1), Sikkim (1), West Bengal (1)
- Ectomomyrmex***
- Ectomomyrmex annamitus* (Andre, 1892) Karnataka (287), Kerala (352), Tamil Nadu (1), West Bengal (352)
- Ectomomyrmex annamitus arcuatus* Forel, 1900 (E) Kerala (7, 160, 180), West Bengal (114)
- Ectomomyrmex astutus* (Smith, 1858) Arunachal Pradesh (206, 382), Assam (1), Meghalaya (1), Sikkim (206, 355)
- Ectomomyrmex javanus* Mayr, 1867 Arunachal Pradesh (1), Assam (1), Meghalaya (228, 249), Sikkim (132, 206, 355), West Bengal (132, 206, 249, 355, 356, 359)
- Ectomomyrmex leeuwenhoekii* (Forel, 1886) Arunachal Pradesh (206), Assam (7, 114, 160, 172, 206, 247, 248, 249, 250, 287, 352, 355), Karnataka (287), Kerala (160, 206, 247, 249, 250, 352, 355), Meghalaya (206, 248, 249, 355), Sikkim (206, 355), Tripura (247, 250), West Bengal (114, 248, 249, 352)
- Ectomomyrmex striolatus* Donisthorpe, 1933 Himachal Pradesh (7, 135), Uttarakhand (1)
- Emeryopone***
- Emeryopone narendrani* Varghese, 2006 (E) Karnataka (364)
- Harpegnathos***
- Harpegnathos saltator* Jerdon, 1851 Assam (114, 199, 261, 352), Goa (411, 412), Karnataka (7, 19, 20, 100, 136, 179, 241, 256, 260, 261, 264, 265, 270, 287, 288, 352, 362), Kerala (114, 136, 160, 179, 261, 305, 329, 352), Maharashtra (1), Punjab (21), Tamil Nadu (256), West Bengal (352)
- Harpegnathos saltator cruentatus* (Smith, 1858) Karnataka (136, 179), Kerala (136, 179), Maharashtra (136, 179)
- Harpegnathos venator* (Smith, 1858) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (136, 179, 192), Jammu & Kashmir (80), Manipur (1), Meghalaya (1), Nagaland (1), Punjab (79), Sikkim (1), Tamil Nadu (7, 114, 136, 154, 160, 179, 319, 352, 355, 391), Uttarakhand (1), West Bengal (1)

Hypoponera

- Hypoponera aitkenii* (Forel, 1900) (E) Goa (1), Gujarat (1), Karnataka (7, 78), Kerala (78), Maharashtra (1), Tamil Nadu (78), West Bengal (114, 160, 180)
- Hypoponera assmuthi* (Forel, 1905) (E) Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (78), Karnataka (78), Maharashtra (7, 114, 160, 191), Nagaland (1), Sikkim (1), West Bengal (1)
- Hypoponera confinis* (Roger, 1860) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (78), Jammu & Kashmir (78, 80), Karnataka (352, 356), Kerala (187, 188), Mizoram (1), Nagaland (1), Punjab (1), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Hypoponera kashmirensis* Bharti, Akbar, Wachkoo & Singh, 2015 (E) Jammu & Kashmir (78)
- Hypoponera ragusai* (Emery, 1894) (I) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (78, 180, 192), Jammu & Kashmir (78), Karnataka (78), Kerala (78), Maharashtra (7, 98, 180, 386, 395), Manipur (1), Mizoram (1), Orissa (180, 395), Punjab (1), Sikkim (1), West Bengal (1)
- Hypoponera schmidti* Bharti, Akbar, Wachkoo & Singh, 2015 (E) Arunachal Pradesh (1), Karnataka (78)
- Hypoponera shattucki* Bharti, Akbar, Wachkoo & Singh, 2015 (E) Arunachal Pradesh (1), Kerala (78)
- Hypoponera truncata* (Smith, 1860) Arunachal Pradesh (206, 359), Karnataka (359), Sikkim (206, 355), Tamil Nadu (206, 352, 355), West Bengal (206, 352, 355, 356, 359)
- Hypoponera wroughthonii* (Forel, 1900) (E) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (78), Karnataka (7), Sikkim (1), Uttarakhand (1), West Bengal (1)
- Leptogenys**
- Leptogenys assamensis* Forel, 1900 Assam (1), Meghalaya (1)
- Leptogenys binghamii* Forel, 1900 Assam (1), Karnataka (249), Meghalaya (1)
- Leptogenys birmana* Forel, 1900 Assam (1), Karnataka (1), Kerala (1), Meghalaya (1), Tamil Nadu (7, 213, 352), Tripura (1), West Bengal (249, 352, 356)
- Leptogenys carinata* Donisthorpe, 1943 (E) Kerala (7, 114, 352), West Bengal (352)
- Leptogenys chinensis* (Mayr, 1870) Arunachal Pradesh (1), Assam (1), Gujarat (237), Jammu & Kashmir (1), Karnataka (7, 180, 261, 265, 287, 306, 362), Kerala (180), Maharashtra (180, 229), Manipur (1), Orissa (180), Tamil Nadu (180, 286), Tripura (1), Uttarakhand (1), West Bengal (170, 180, 299, 300, 356)
- Leptogenys dalyi* Forel, 1900 Karnataka (180, 261, 352), Kerala (180, 261, 352), Tamil Nadu (7, 114, 180, 261, 352), West Bengal (352)
- Leptogenys dentilobis* Forel, 1900 (E) Arunachal Pradesh (1), Assam (1), Gujarat (1), Karnataka (7, 180, 261, 287, 352), Kerala (7, 160, 180, 261, 287, 305, 352), Maharashtra (115, 180, 261, 287, 352), Manipur (1), Mizoram (1), Sikkim (1), Tamil Nadu (180, 261, 287, 352), West Bengal (1)
- Leptogenys diminuta* (Smith, 1857) Andaman and Nicobar Islands (117, 254), Arunachal Pradesh (1), Assam (1), Goa (410), Jammu & Kashmir (80), Karnataka (261, 265, 288, 306, 352), Kerala (305), Maharashtra (115, 180), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (180), Sikkim (1, 355), Tamil Nadu (180, 352, 396), West Bengal (1, 355, 356)
- Leptogenys diminuta deceptrix* Forel, 1901 Arunachal Pradesh (1), Assam (1), Maharashtra (7), Sikkim (1), West Bengal (1)
- Leptogenys diminuta diminutolaeviceps* Forel, 1900 Arunachal Pradesh (1), Assam (1), Maharashtra (180), Orissa (180), Sikkim (1), West Bengal (1)
- Leptogenys diminuta laeviceps* (Smith, 1857) Arunachal Pradesh (1), Assam (1), Himachal Pradesh (180, 192, 214), Jammu & Kashmir (1), Karnataka (260), Maharashtra (180), Punjab (79), Sikkim (1), Uttarakhand (1), West Bengal (1)

- Leptogenys diminuta palliseri* Forel, 1900 Karnataka (7, 114, 160, 352), West Bengal (352)
- Leptogenys diminuta striatula* Emery, 1895 West Bengal (356)
- Leptogenys diminuta woodmasoni* (Forel, 1886) (E) Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (1)
- Leptogenys emiliae* Forel, 1902 (E) Gujarat (7, 114, 160, 187, 188)
- Leptogenys falcigera* Roger, 1861 (I) Kerala (305)
- Leptogenys hysterica* Forel, 1900 Himachal Pradesh (1), Karnataka (180), Uttar Pradesh (214), Uttarakhand (1)
- Leptogenys iridipennis* (Smith, 1858) (E) Sikkim (1), West Bengal (1)
- Leptogenys jeanettei* Mathew & Tiwari, 2000 (E) Meghalaya (1)
- Leptogenys kitteli* (Mayr, 1870) Arunachal Pradesh (1), Assam (114, 160, 180, 199, 247, 248, 249, 250, 319, 355, 356), Himachal Pradesh (355, 356), Karnataka (287), Kerala (319), Manipur (250), Meghalaya (1), Sikkim (1), Tripura (247, 250), Uttar Pradesh (355, 356), West Bengal (1)
- Leptogenys kitteli minor* Forel, 1900 Sikkim (1), West Bengal (1)
- Leptogenys lattkei* Bharti & Wachkoo, 2013 (E) Himachal Pradesh (7, 43)
- Leptogenys longiscapa* Donisthorpe, 1943 (E) Kerala (7, 114, 352), West Bengal (352)
- Leptogenys lucidula* Emery, 1895 Sikkim (1), Uttarakhand (1), West Bengal (1)
- Leptogenys moelleri* (Bingham, 1903) (E) Sikkim (1)
- Leptogenys mutabilis* (Smith, 1861) Assam (172)
- Leptogenys peuqueti* (Andre, 1887) Andaman and Nicobar Islands (254), Karnataka (1), Kerala (1, 180, 305), Meghalaya (1), Sikkim (1), West Bengal (1, 7)
- Leptogenys processionalis* (Jerdon, 1851) Bihar (214), Chhattisgarh (180), Goa (410, 411, 412), Gujarat (335, 338, 340, 344), Jharkhand (214), Karnataka (7, 180, 260, 261, 264, 265, 287, 288, 306, 333, 335, 340, 362), Kerala (114, 140, 180, 225, 249, 261, 305, 333, 335, 340, 352), Madhya Pradesh (180), Maharashtra (180, 229), Meghalaya (249, 335, 340), Orissa (180, 335), Rajasthan (333, 334, 335, 340), Tamil Nadu (114, 219, 249, 256, 261, 333, 335, 340, 352), Tripura (1), West Bengal (180, 300, 335, 352, 356)
- Leptogenys punctiventris* (Mayr, 1879) Kerala (1), Meghalaya (1), Sikkim (1), West Bengal (1)
- Leptogenys roberti* Forel, 1900 Arunachal Pradesh (1), Assam (1)
- Leptogenys roberti coonoorensis* Forel, 1900 (E) Kerala (352), Tamil Nadu (7, 180, 352, 356), West Bengal (352, 356)
- Leptogenys stenocheilos* (Jerdon, 1851) (E) Kerala (352), Tamil Nadu (114, 352)
- Leptogenys transitionis* Bharti & Wachkoo, 2013 (E) Himachal Pradesh (7, 43)
- Leptogenys yerburyi* Forel, 1900 Karnataka (180), Kerala (180)
- Mesoponera**
- Mesoponera manni* (Viehmeyer, 1924) Maharashtra (180)
- Mesoponera melanaria* (Emery, 1893) Karnataka (180, 261, 352, 362), Kerala (7, 140, 352), West Bengal (352)
- Myopias**
- Myopias shivalikensis* Bharti & Wachkoo, 2012 (E) Jammu & Kashmir (7, 38)
- Odontomachus**
- Odontomachus monticola* Emery, 1892 Andaman and Nicobar Islands (206, 355), Arunachal Pradesh (1), Assam (7, 109, 114, 160, 179, 199, 206, 249, 355, 356, 391, 403), Himachal Pradesh (1), Jammu & Kashmir (80), Meghalaya (1), Sikkim (1), West Bengal (1)

- Odontomachus rixosus* Smith, 1857 Arunachal Pradesh (1), Assam (1), Jammu & Kashmir (80), Meghalaya (1)
- Odontomachus simillimus* Smith, 1858 Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Karnataka (261), Kerala (109, 111, 261), Manipur (1), Meghalaya (1), Nagaland (1), Sikkim (1), West Bengal (1)
- Odontoponera***
- Odontoponera denticulata* (Smith, 1858) Andaman and Nicobar Islands (1), Arunachal Pradesh (1), Assam (1), Delhi (1), Haryana (408), Himachal Pradesh (1), Jammu & Kashmir (1), Karnataka (1), Kerala (1), Meghalaya (1), Nagaland (1), Punjab (1), Sikkim (1,172), Uttar Pradesh (1), Uttarakhand (1), West Bengal (1)
- Parvaponera***
- Parvaponera darwini* (Forel, 1893) Arunachal Pradesh (1), Assam (1), Karnataka (352), Kerala (7, 114, 352), Punjab (1), Sikkim (1), Tamil Nadu (352), West Bengal (1)
- Parvaponera darwini indica* (Emery, 1899) India (no state record, 32)
- Platythyrea***
- Platythyrea nicobarensis* Forel, 1905 Andaman and Nicobar Islands (108, 142, 160, 191)
- Platythyrea parallela* (Smith, 1859) Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Goa (411), Himachal Pradesh (1), Jammu & Kashmir (1), Karnataka (7, 19, 20, 108, 114, 142, 160, 180, 205, 261, 265, 288, 352, 356, 362), Kerala (7, 108, 114, 142, 160, 180, 261, 352, 385), Sikkim (1), Tamil Nadu (205, 261, 352), Uttarakhand (1), West Bengal (1)
- Platythyrea sagei* Forel, 1900 Himachal Pradesh (7, 108, 180, 192), Karnataka (108, 142, 160, 180, 261, 265, 288, 352), Maharashtra (229), Punjab (142, 160, 261), West Bengal (352)
- Ponera***
- Ponera indica* Bharti & Wachkoo, 2012 (E) Himachal Pradesh (7, 39), Sikkim (414)
- Ponera paedericera* Zhou, 2001 Arunachal Pradesh (1)
- Ponera sikkimensis* Bharti & Rilta, 2015 (E) Sikkim (414)
- Ponera taylora* Bharti & Wachkoo, 2012 (E) Himachal Pradesh (7, 39), Uttarakhand (1)
- Pseudoneoponera***
- Pseudoneoponera bispinosa* Smith, 1858 Arunachal Pradesh (1), Assam (1), Himachal Pradesh (180, 192), Jammu & Kashmir (80), Punjab (79), Uttarakhand (1), West Bengal (356)
- Pseudoneoponera rufipes* (Jerdon, 1851) Andaman and Nicobar Islands (206, 254, 257, 355), Arunachal Pradesh (1), Assam (1), Goa (411), Himachal Pradesh (180, 192), Jammu & Kashmir (80), Karnataka (180, 205, 206, 250, 261, 264, 265, 287, 288, 352, 355, 356, 359), Kerala (205, 206, 250, 261, 352, 355, 356, 359), Maharashtra (180), Manipur (1), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (180, 205, 206, 355), Punjab (79), Sikkim (1), Tamil Nadu (219), Tripura (247, 250), Uttarakhand (1), West Bengal (1)
- PROCERATIINAE**
- Discothyrea***
- Discothyrea periyarensis* Bharti, Akbar & Singh, 2015 (E) Kerala (409)
- Discothyrea sringerensis* Zacharias & Rajan, 2004 (E) Karnataka (405), Kerala (1)
- Discothyrea stumperi* Baroni Urbani, 1977 Assam (1), Sikkim (1)

Probolomyrmex*Probolomyrmex bidens* Brown, 1975 (E) Tamil Nadu (7, 108, 150)*Probolomyrmex procne* Brown, 1975 (E) Karnataka (7), Tamil Nadu (7, 108, 150)**Proceratium***Proceratium williamsi* Mathew & Tiwari, 2000 Arunachal Pradesh (1), Himachal Pradesh (47), Meghalaya (1), Meghalaya (47, 249), Sikkim (1), Uttar Pradesh (1), Uttarakhand (1), West Bengal (1,47)**PSEUDOMYRMECINAE****Tetraoponera***Tetraoponera aitkenii* (Forel, 1902)

Andaman and Nicobar Islands (254), Goa (373), Karnataka (114, 124, 189, 248, 249, 262, 265, 288, 306, 306, 352, 362, 373), Kerala (294, 373), Maharashtra (129), Meghalaya (1), Tamil Nadu (286, 352, 373)

Tetraoponera allaborans (Walker, 1859)

Andaman and Nicobar Islands (254), Arunachal Pradesh (1), Assam (1), Goa (373, 410, 411), Gujarat (188, 338, 340, 344, 373), Haryana (340), Himachal Pradesh (1), Jammu & Kashmir (80), Karnataka (7, 124, 188, 256, 262, 287, 327, 340, 362, 373, 374), Kerala (188, 373), Maharashtra (129, 188, 373), Meghalaya (1), Nagaland (1), Orissa (188, 373), Punjab (79), Sikkim (1), Tamil Nadu (205, 256, 286, 340, 352, 373), Uttarakhand (1), West Bengal (1)

Tetraoponera attenuate Smith, 1877

Arunachal Pradesh (1), Assam (1), Sikkim (1), West Bengal (7, 373)

Tetraoponera binghami (Forel, 1902)

Arunachal Pradesh (1), Assam (1), Maharashtra (12, 186, 188), Tamil Nadu (7, 373), West Bengal (356, 373)

Tetraoponera modesta (Smith, 1860)

Manipur (1)

Tetraoponera nigra (Jerdon, 1851)

Andhra Pradesh (373), Arunachal Pradesh (1), Assam (1), Delhi (1), Goa (411, 412), Haryana (21), Himachal Pradesh (21, 188, 192, 373), Jammu & Kashmir (80), Karnataka (7, 124, 125, 188, 256, 262, 265, 287, 288, 352, 355, 362, 373), Kerala (7, 114, 186, 188, 188, 262, 287, 352, 355, 356, 373, 374), Madhya Pradesh (373), Maharashtra (7, 114, 115, 188, 262, 352, 355, 356, 373), Meghalaya (1), Nagaland (1), Orissa (373), Punjab (21, 21), Sikkim (1), Tamil Nadu (140, 188, 256, 262, 286, 289, 352, 355, 373), Uttar Pradesh (319, 373), Uttarakhand (1), West Bengal (1)

Tetraoponera nitida (Smith, 1860)

Andaman and Nicobar Islands (114, 189, 254, 373), Kerala (12, 186, 188, 352, 373), Punjab (21), Tamil Nadu (186), West Bengal (352)

Tetraoponera periyarensis Bharti & Akbar, 2014 (E)

Kerala (64)

Tetraoponera pilosa (Smith, 1858)

Andaman and Nicobar Islands (114, 189, 254, 373)

Tetraoponera rufonigra (Jerdon, 1851)

Andaman and Nicobar Islands (114, 189, 254, 373, 385), Arunachal Pradesh (1), Assam (1), Bihar (360), Delhi (1), Goa (373, 410, 411, 412), Gujarat (7, 237, 335, 337, 340, 342, 373), Haryana (21, 335, 337, 340, 342, 373), Himachal Pradesh (21, 335, 337, 340, 342, 373), Jammu & Kashmir (80), Jharkhand (360), Karnataka (7, 205, 206, 256, 262, 265, 287, 288, 306, 335, 337, 340, 342, 352, 357, 362, 373, 374), Kerala (7, 140, 205, 206, 305, 335, 337, 340, 342, 352, 357, 373), Maharashtra (229, 373), Manipur (335, 337, 342, 357), Meghalaya (1), Mizoram (1), Nagaland (1), Orissa (335, 337, 342, 373), Punjab (21, 79, 335, 337, 340, 342), Rajasthan (7, 116, 331, 333, 334, 335, 337, 338, 342, 344, 373), Sikkim (1), Tamil Nadu (7, 140, 205, 219, 256, 286, 289, 335, 337, 340, 342, 352, 357, 373), Tripura (1), Uttar Pradesh (335, 337, 340, 342, 373), Uttarakhand (1), West Bengal (1)

Dubious records

Several records have been historically reported either from India or from specific states that we have excluded from the list above. Here we briefly present them and explain why those records have been excluded.

Taxonomy	State(s) recorded	Explanation
Amblyoponinae		
<i>Myopopone castanea</i> (Smith, 1860)	Haryana, Punjab	Erroneous locality
Dolichoderinae		
<i>Tapinoma indicum</i> Forel, 1895	Haryana, Punjab	Misidentification (<i>Tapinoma melanocephalum</i>)
Dorylinae		
<i>Aenictus clavatus</i> Forel, 1901	Haryana	Erroneous locality
<i>Cerapachys keralensis</i> Karmaly, 2012	Kerala	Considered species <i>species inquirenda</i> (60)
<i>Cerapachys sulcinodis</i> Emery, 1889	Haryana, Punjab, Rajasthan	Misidentification (<i>Cerapachys longitarsus</i>) and erroneous locality
Formicinae		
<i>Camponotus angusticollis</i> (Jerdon, 1851)	Haryana	Erroneous locality
<i>Camponotus arrogans</i> (Smith, 1858)	Punjab	Erroneous locality
<i>Camponotus dolendus</i> Forel, 1892	Himachal Pradesh	Erroneous locality
<i>Camponotus invidus</i> Forel, 1892	Himachal Pradesh	Erroneous locality
<i>Camponotus mitis</i> (Smith, 1858)	Haryana	Erroneous locality
<i>Camponotus oblongus</i> (Smith, 1858)	Himachal Pradesh	Erroneous locality
<i>Camponotus sericeus</i> (Fabricius, 1798)	Uttar Pradesh	Misidentification (<i>Camponotus opaciventris</i>)
<i>Camponotus siemsseni</i> Forel, 1901	Uttar Pradesh	Exact locality not known
<i>Camponotus wasmanni</i> Emery, 1893	Jammu & Kashmir, Uttar Pradesh	Misidentification (<i>Camponotus wasmanni mutilaris</i>)
<i>Formica clara</i> Forel, 1886	Himachal Pradesh, Punjab	Erroneous locality
<i>Formica fusca</i> Linnaeus, 1758	Uttar Pradesh	Erroneous locality
<i>Formica gagates</i> Latreille, 1798	Haryana	Erroneous locality
<i>Formica gravelyi</i> Mukerjee, 1930	West Bengal	Erroneous locality
<i>Formica rufibarbis</i> Fabricius, 1793	Sikkim	Misidentification (<i>Formica fusca</i>)
<i>Lasius niger</i> (Linnaeus, 1758)	Punjab	Erroneous locality
<i>Polyrhachis exercita nistrata</i> Emery, 1889	Goa	Misidentification (<i>Polyrhachis exercita</i>)
<i>Polyrhachis jerdonii</i> Forel, 1894	Punjab	Erroneous locality
<i>Polyrhachis rupicapra</i> Roger, 1863	Punjab	Erroneous locality
Myrmicinae		
<i>Aphaenogaster beccarii</i> Emery, 1887	Haryana, Himachal Pradesh, Punjab	Erroneous locality
<i>Aphaenogaster feae</i> Emery, 1889	Goa	Misidentification (<i>Aphaenogaster baccarii</i>)
<i>Aphaenogaster rothmeyei</i> (Forel, 1902)	Maharashtra, Tamil Nadu, Uttar Pradesh	Erroneous locality
<i>Aphaenogaster sagei</i> (Forel, 1902)	Haryana, Punjab	Erroneous locality

Taxonomy	State(s) recorded	Explanation
<i>Cardiocondyla nuda</i> (Mayr, 1866)	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, West Bengal	Misidentification (potentially <i>C. kagutsuchi</i> or <i>C. mauritanica</i> , see Seifert 2003)
<i>Crematogaster buddhae</i> Forel, 1902	Haryana	Erroneous locality
<i>Crematogaster walshi</i> Forel, 1902	Haryana, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh	Erroneous locality
<i>Meranoplus rothneyi</i> Forel, 1902	Haryana, Himachal Pradesh, Punjab	Erroneous locality
<i>Messor himalayanus</i> (Forel, 1902)	Haryana, Uttar Pradesh	Misidentification (<i>Messor instabilis</i>)
<i>Monomorium dichroum</i> Forel, 1902	Punjab	Erroneous locality
<i>Monomorium longi</i> Forel, 1902	Haryana, Punjab	Erroneous locality
<i>Monomorium monomorium</i> Bolton, 1987		The status of this species is uncertain and needs extensive taxonomic work. Here we tentatively considered the species valid in the species list of India, but future work might change its status.
<i>Monomorium orientale</i> Mayr, 1879	Punjab	Erroneous locality
<i>Myrmica pachei</i> Forel, 1906	Jammu & Kashmir	Erroneous locality
<i>Pheidole lamellinoda</i> Forel, 1902	Haryana	Erroneous locality
<i>Solenopsis invicta</i> Buren, 1972		Misidentification (<i>Solenopsis geminata</i>)
<i>Temnothorax rothneyi</i> Forel, 1902	Punjab, Uttar Pradesh	Erroneous locality
<i>Tetramorium caespitum</i> (Linnaeus, 1758)	Himachal Pradesh	Erroneous locality
<i>Tetramorium christiei</i> Forel, 1902	Haryana	Erroneous locality
Ponerinae		
<i>Harpegnathos venator</i> (Smith, 1858)	Uttar Pradesh	Erroneous locality
<i>Leptogenys dalyi</i> Forel, 1900	Punjab	Erroneous locality
<i>Leptogenys dentilobis</i> Forel, 1900	Punjab	Erroneous locality
<i>Odontomachus haematodus</i> (Linnaeus, 1758)	Arunachal Pradesh, Assam, Goa, Karnataka, Kerala, Maharashtra, Manipur, Meghalaya, Nagaland, Sikkim, Tamil Nadu, West Bengal	Misidentification (potentially <i>O. simillimus</i>)
<i>Ponera affinis</i> Heer, 1849	Kerala	<i>incertae sedis</i> in <i>Ponera</i>
Pseudomyrmecinae		
<i>Tetraponera carbonaria</i> (Smith, 1863)	West Bengal	Erroneous locality

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References

- Aitchison JC, Ali JR, Davis AM (2007) When and where did India and Asia collide? *Journal of Geophysical Research* 112: B05423. doi: 10.1029/2006JB004706
- Andersen AN (1997) Functional groups and patterns of organization in North American ant communities: a comparison with Australia. *Journal of Biogeography* 24: 433–460. doi: 10.1111/j.1365-2699.1997.00137.x
- Antmaps (2015) <http://antmaps.org/> [accessed on September 12th 2015]
- AntWeb (2015) <https://www.antweb.org> [accessed 3 October 2015]
- Attri SD, Tyagi A (2010) Climate profile of India. Published by Environment Monitoring and Research Centre, Indian Meteorological Department, Lodi Road, New Delhi, 129 pp.
- Bharti H (2008) Altitudinal diversity of ants in Himalayan regions (Hymenoptera: Formicidae). *Sociobiology* 52(2): 305–322.
- Bingham CT (1903) The fauna of British India, including Ceylon and Burma. Hymenoptera. Vol. 2: Ants and Cuckoo-Wasps. Taylor and Francis, London, 506 pp.
- Briggs JC (2003) The biogeographic and tectonic history of India. *Journal of Biogeography* 30: 381–388. doi: 10.1046/j.1365-2699.2003.00809.x
- Bolton B (2015) An online catalogue of the ants of the world. <http://antcat.org> [accessed on 7 October 2015]
- CBD (2014) India's fifth national report to the convention on biological diversity. Ministry of Environment and Forests, Government of India Paryavaran Bhawan, CGO Complex Lodi Road, New Delhi-110 003, 1–142.
- Czechowski W, Radchenko A, Czechowska W, Vepsäläinen K (2012) The ants of Poland with reference to the myrmecofauna of Europe. *Fauna Poloniae* 4. Natura Optima Dux Foundation, Warsaw, 496 pp.
- Del Toro I, Ribbons RR, Pelini SL (2012) The little things that run the world revisited: a review of ant-mediated ecosystem services and disservices (Hymenoptera: Formicidae). *Myrmecological News* 17: 133–146.
- Forel A (1900a) Les Formicides de l'Empire des Indes et de Ceylan. Part VII. *Journal of the Bombay Natural History Society* 13: 303–332.
- Forel A (1900b) Ponerinae et Dorylinae d'Australie récoltés par MM. Turner, Froggatt, Nugent, Chase, Rothney, J.-J. Walker, etc. *Annales de la Société Entomologique de Belgique* 44: 54–77.
- Forel A (1901) Les Formicides de l'Empire des Indes et de Ceylan. Part VIII. *Journal of the Bombay Natural History Society* 13: 462–477.
- General D, Alpert G (2012) A synoptic review of the ant genera (Hymenoptera, Formicidae) of the Philippines. *ZooKeys* 200: 1–111. doi: 10.3897/zookeys.200.2447
- Guénard B, Weiser MD, Dunn RR (2010) Global generic richness and distribution: new maps of the world of ants with examples of their use in the context of Asia. *Asian Myrmecology* 3: 21–28.
- Guénard B, Weiser MD, Dunn RR (2012) Global models of ant diversity suggest regions where new discoveries are most likely are under disproportionate deforestation threat. *Proceedings of the National Academy of Sciences of the United States of America* 109(19): 7368–7373. doi: 10.1073/pnas.1113867109

- Guénard B, Dunn RR (2012) A checklist of the ants of China. *Zootaxa* 3558: 1–77.
- Guénard B (2013) An overview of the species and ecological diversity of ants. In: eLS. John Wiley & Sons, Ltd., Chichester. doi: 10.1002/9780470015902.a0023598
- Hölldobler B, Wilson EO (1990) *The Ants*. Harvard University Press, Cambridge, 732 pp.
- Jerdon TC (1851) A catalogue of the species of ants found in Southern India. *Madras Journal of Literature and Science* 17: 103–127.
- Jerdon TC (1854) A catalogue of the species of ants found in southern India. *Annals and Magazine of Natural History* 13(2): 45–56. doi: 10.1080/03745485709496303
- Lach L, Parr CL, Abbott KL (Ed.) (2010) *Ant Ecology*, I edition. Oxford University Press, Oxford, 402 pp.
- Liu C, Guénard B, Hita Garcia F, Yamane S, Blanchard B, Yang DR, Economo E (2015) New records of ant species from Yunnan, China. *ZooKeys* 477: 17–78.
- Lomolino MV, Riddle BR, Whittaker R, Brown JH (2010) *Biogeography*, 4th edition. Sinauer Associates, Sunderland, 878 pp.
- Myers N, Mittermeier RA, Mittermeier CG, da Fonseca GAB, Kent J (2000) Biodiversity hot-spots for conservation priorities. *Nature* 403: 853–858. doi: 10.1038/35002501
- Olson DM, Dinerstein E, Wikramanayake ED, Burgess ND, Powell GVN, Underwood EC, D’Amico JA, Itoua I, Strand HE, Morrison JC, Loucks CJ, Allnutt TF, Ricketts TH, Kura Y, Lamoreux JF, Wettengel WW, Hedao P, Kassem KR (2001) Terrestrial ecoregions of the world: a new map of life on Earth. *Bioscience* 51(11): 933–938. doi: 10.1641/0006-3568(2001)051[0933:TEOTWA]2.0.CO;2
- Olson DM, Dinerstein E (2002) The Global 200: Priority ecoregions for global conservation. *Annals of the Missouri Botanical Garden* 89(2): 199–224.
- Paknia O, Pfeiffer M (2011) Steppe versus desert: multi-scale spatial patterns in diversity of ant communities in Iran. *Insect Conservation and Diversity* 4: 297–306. doi: 10.1111/j.1752-4598.2011.00136.x
- Pande HK, Arora S (Ed.) (2013) *India State of Forest Report 2013-Forest Survey of India*, Dehradun.
- Pfeiffer M, Mezger D, Hosoishi S, Bakhtiar EY, Kohout RJ (2011) The Formicidae of Borneo (Insecta: Hymenoptera), a preliminary species list. *Asian Myrmecology* 4: 9–58.
- Pfeiffer M, Mezger D, Dyckmans J (2013) Trophic ecology of tropical leaf litter ants (Hymenoptera: Formicidae) - a stable isotope study in four types of Bornean rain forest. *Myrmecological News* 19: 31–41.
- Radchenko A (2005) Monographic revisions of the ants (Hymenoptera: Formicidae) of North Korea. *Annales Zoologici* 55(2): 127–221.
- Seifert B (2003) The ant genus *Cardiocondyla* (Insecta: Hymenoptera: Formicidae) - a taxonomic revision of the *C. elegans*, *C. bulgarica*, *C. batesii*, *C. nuda*, *C. shuckardi*, *C. stambuloffii*, *C. wroughtonii*, *C. emeryi*, and *C. minutior* species groups. *Annalen des Naturhistorischen Museums in Wien. B, Botanik, Zoologie* 104: 203–338.
- Tritsch MF (2001) *Wildlife of India*. Harper Collins, London.
- Ward PS (2007) Phylogeny, classification, and species-level taxonomy of ants (Hymenoptera: Formicidae). *Zootaxa* 1668: 549–563.

Appendix I.

List of references used for the Indian ant records

1. Bharti Collection (PUAC-Punjabi University Patiala Ant Collection)
2. Agarwal VM, Rastogi N (2009) Food resource and temporal partitioning amongst a guild of predatory agroecosystem-inhabiting ant species. *Current Zoology* 55(5): 366–375.
3. Agarwal VM, Rastogi N (2010) Ants as dominant insect visitors of the extrafloral nectaries of sponge gourd plant, *Luffa cylindrica* (L.) (Cucurbitaceae). *Asian Myrmecology* 3: 45–54.
4. Agosti D (1990) Review and reclassification of *Cataglyphis* (Hymenoptera, Formicidae). *Journal of Natural History* 24: 1457–1505. doi: 10.1080/00222939000770851
5. André E (1887) Description de quelques fourmis nouvelles ou imparfaitement connues. *Unitalised it Revue d'Entomologie (Caen)* 6: 280–298.
6. André JB, Peeters C, Doums C (2001) Serial polygyny and colony genetic structure in the monogynous queenless ant *Diacamma cyaneiventre*. *Behavioral Ecology and Sociobiology* 50: 72–80.
7. ANTWEB (2015) AntWeb. <http://www.antweb.org> [accessed 7 February 2014, 27 September 2014]
8. Anu A, S TK (2007) Biodiversity analysis of forest litter ant assemblages in the Wayanad region of Western Ghats using taxonomic and conventional diversity measures. *Journal of Insect Science* 7(6): 1–13.
9. Azuma N, Ogata K, Kikuchi T, Higashi S (2006) Phylogeography of Asian weaver ants, *Oecophylla smaragdina*. *Ecological Research* 21: 126–136. doi: 10.1007/s11284-005-0101-6
10. Baratte S, Cobb M, Deutsch J, Peeters C (2005) “Morphological variations in the preimaginal development of the ponerine ant *Diacamma ceylonense*.” *Acta Zoologica* 86(1): 25–31. doi: 10.1111/j.0001-7272.2005.00181.x
11. Baroni Urbani C (1977) Ergebnisse der Bhutan-Expedition 1972 des Naturhistorischen Museums in Basel. Hymenoptera: Fam. Formicidae Genus *Stenammina*, con una nuova specie del Kashmir. *Entomologica Basiliensia* 2: 415–422.
12. Baroni Urbani C (1977) Katalog der Typen von Formicidae (Hymenoptera) der Sammlung des Naturhistorischen Museums Basel (2. Teil). *Mitteilungen der Entomologischen Gesellschaft Basel* 27: 61–102.
13. Baroni Urbani C (1977) Materiali per una revisione della sottofamiglia Leptanillinae Emery (Hymenoptera: Formicidae). *Entomologica Basiliensia* 2: 427–488.
14. Baroni Urbani C (1978) Contributo alla conoscenza del genere *Amblyopone* Erichson (Hymenoptera: Formicidae). *Mitteilungen der Entomologischen Gesellschaft Basel* 51: 39–51.
15. Baroni Urbani C, De Andrade ML (1994) First description of fossil Dacetini ants with a critical analysis of the current classification of the tribe (Amber Collection Stuttgart: Hymenoptera, Formicidae. VI: Dacetini). *Stuttgarter Beitrage zur Naturkunde Serie B (Geologie und Paläontologie)* 198: 1–65.

16. Baroni Urbani C, De Andrade ML (2007) The ant tribe Dacetini: limits and constituent genera, with descriptions of new species (Hymenoptera, Formicidae). *Annali del Museo Civico di Storia Naturale "Giacomo Doria"* 99: 1–191.
17. Baroni Urbani C, de Andrade ML (2003) The ant genus *Proceratium* in the extant and fossil record (Hymenoptera: Formicidae). *Museo Regionale di Scienze Naturali, Monografie* 36: 1–480.
18. Barsagade DD, Tembhare DB, Kadu SG (2013) Microscopic structure of antennal sensilla in the carpenter ant *Camponotus compressus* (Fabricius) (Formicidae: Hymenoptera). *Asian Myrmecology* 5: 113–120.
19. Basu P (1994) Ecology of ground foraging ants in a tropical evergreen forest in Western Ghats, India. PhD Thesis, School of ecology and environmental sciences, Pondichery University, India, 155 pp.
20. Basu P (1997) Seasonal and spatial patterns in ground foraging ants in a rain forest in the Western Ghats, India. *Biotropica* 29(4): 489–500. doi: 10.1111/j.1744-7429.1997.tb00043.x
21. Bharti H (2001) Check list of ants from north-west India I. Uttar Pradesh. *Journal of Zoology* 21(2): 163–167.
22. Bharti H (2001) Two new species of *Pheidole* Westwood (Myrmicinae: Formicidae: Hymenoptera) from India. *Journal of Entomological Research (New Delhi)* 25: 243–247.
23. Bharti H (2002) Check list of ants from North west India II. *The Journal of the Bombay Natural History Society* 99(2): 341–343.
24. Bharti H (2002) List of Formicids (Hymenoptera: Formicidae) at Forest Research Institute (FRI), Dehradun (India). *Journal of Entomological Research* 26(4): 337–342.
25. Bharti H (2002) Redescription of *Lepisiota modesta* Forel (Hymenoptera: Formicidae: Formicinae). *Annals of Forestry* 10: 356–358.
26. Bharti H (2003) A new species of *Crematogaster* (Hymenoptera: Formicidae: Myrmicinae) from India. *Entomon* 28: 85–88.
27. Bharti H (2003) *Polyrhachis punjabi* sp. n. (Hymenoptera: Formicidae: Formicinae) from India. *Folia Heyrovskyana* 11: 1–3.
28. Bharti H (2003) Queen of the army ant *Aenictus pachycereus* (Hymenoptera, Formicidae, Aenictinae). *Sociobiology* 42: 715–718.
29. Bharti H (2003) Ants and forensic entomology. *ANeT Newsletter* 6: 18–20.
30. Bharti H (2004) A new species of *Pheidole* Westwood, 1839 (Myrmicinae: Formicidae: Hymenoptera) from India. *Russian Entomological Journal* 12: 305–306.
31. Bharti H (2008) Redescription of *Crematogaster subnuda* Mayr (Hymenoptera: Formicidae: Myrmicinae). *Journal of Entomological Research* 32(1): 83–88.
32. Bharti H (2011) List of Indian ants (Hymenoptera: Formicidae). *Halteres* 3: 79–87.
33. Bharti H (2012) *Myrmica nefaria* sp.n. (Hymenoptera: Formicidae) - a new social parasite from Himalaya. *Myrmecological News* 16: 149–156.
34. Bharti H (2012) Two new species of the genus *Myrmica* (Hymenoptera: Formicidae: Myrmicinae) from the Himalaya. *Tijdschrift voor Entomologie* 155: 9–14. doi: 10.1163/004074912X631742

35. Bharti H, Wachkoo AA, Kumar R (2012) Two remarkable new species of *Aenictus* (Hymenoptera: Formicidae) from India. *Journal of Asia-Pacific Entomology* doi: 10.1016/j.aspen.2012.02.002
36. Bharti H, Wachkoo AA (2011) *Amblyopone boltoni*, a new ant species (Hymenoptera: Formicidae) from India. *Sociobiology* 58: 585–591.
37. Bharti H, Wachkoo AA (2012) First record of *Prionopelta kraepelini* (Hymenoptera: Formicidae) from India, with description of male caste. *Sociobiology* 59: 815–821.
38. Bharti H, Wachkoo AA (2012) First record of the genus *Myopias* (Hymenoptera, Formicidae) from India, with description of new species. *Vestnik Zoologii* 46 (1): 33–35. doi: 10.2478/v10058-012-0006-0
39. Bharti H, Wachkoo AA (2012) First verified record of genus *Ponera* (Hymenoptera: Formicidae) from India, with description of two new species. *Acta Zoologica Academiae Scientiarum Hungaricae* 58 (3): 217–224.
40. Bharti H, Wachkoo AA (2012) *Prenolepis fisheri*, an intriguing new ant species, with a re-description of *Prenolepis naoraji* (Hymenoptera: Formicidae) from India. *Journal of the Entomological Research Society* 14(1): 119–126.
41. Bharti H, Wachkoo AA (2013) *Cryptopone subterranea* sp. nov., a rare new cryptobiotic ant species (Hymenoptera: Formicidae) from India. *Asian Myrmecology* 5: 1–4.
42. Bharti H, Wachkoo AA (2013) *Cerapachys browni* and *Cerapachys costatus*, two new rare ant species (Hymenoptera: Formicidae) from India. *Biologia* 68(6): 1189–1192. doi: 10.2478/s11756-013-0260-9
43. Bharti H, Wachkoo AA (2013) Two new species of the ant genus *Leptogenys* (Hymenoptera: Formicidae) from India, with description of a plesiomorphic ergatogyne. *Asian Myrmecology* 5: 11–19.
44. Bharti H, Wachkoo AA (2013) Two new species of trap jaw ant *Anochetus* (Hymenoptera: Formicidae), with a key to known species from India. *Journal of Asia-Pacific Entomology* 16: 137–142. doi: 10.1016/j.aspen.2012.12.008
45. Bharti H, Wachkoo AA (2014) A new carpenter ant, *Camponotus parabarbatulus* (Hymenoptera: Formicidae) from India. *Biodiversity Data Journal* 2: e996. doi: 10.3897/bdj.2.e996
46. Bharti H, Wachkoo AA (2014) New combination for a little known Indian ant, *Paraparatrechina aseta* (Forel, 1902) comb. n. (Hymenoptera: Formicidae). *Journal of the Entomological Research Society* 16(3): 95–99.
47. Bharti H, Wachkoo AA (2014) New synonymy of *Proceratium williamsi* Tiwari (Hymenoptera, Formicidae). *ZooKeys* 388: 69–72. doi: 10.3897/zookeys.388.6972
48. Bharti H, Gill A (2011) SEM studies on immature stages of *Pheidole indica* Mayr, 1879 (Hymenoptera: Formicidae) from India. *Halteres* 3: 38–44.
49. Bharti H, Gul I (2012) *Echinopla cherapunjiensis* sp n. (Hymenoptera, Formicidae) from India. *Vestnik Zoologii* 46(4): 52–54. doi: 10.2478/v10058-012-0031-z
50. Bharti H, Gul I (2013) *Lasius elevatus*, a new ant species of the subgenus *Cautolasius* (Hymenoptera: Formicidae) from the Indian Himalayas. *Asian Myrmecology* 5: 53–58.
51. Bharti H, Gul I (2014) First description of the male caste of the Himalayan endemic ant *Lasius alienoflavus* Bingham, 1903 (Hymenoptera: Formicidae), with re-description of the female and queen castes. *Biodiversity Data Journal* 2: e1136 doi: 10.3897/BDJ.2.e1136

52. Bharti H, Kaur I (2011) SEM studies on immature stages of weaver ant *Oecophylla smaragdina* (Fabricius, 1775) (Hymenoptera: Formicidae) from India. *Halteres* 3: 16–25.
53. Bharti H, Singh J (2014) First record of genus *Pristomyrmex* Mayr 1866 (Hymenoptera: Formicidae) from India. *Halteres* 5: 1–2.
54. Bharti H, Kumar R (2012) A new species of *Leptanilla* (Hymenoptera: Formicidae: Leptanillinae) with a key to Oriental species. *Annales Zoologici* 62(4): 619–625. doi: 10.3161/000345412X659678
55. Bharti H, Kumar R (2012) *Lophomyrmex terraceensis*, a new ant species (Hymenoptera: Formicidae) in the *bedoti* group with a revised key. *Journal of Asia-Pacific Entomology* 15: 265–267. doi: 10.1016/j.aspen.2012.01.003
56. Bharti H, Kumar R (2012) Taxonomic studies on genus *Tetramorium* Mayr (Hymenoptera, Formicidae) with report of two new species and three new records including a tramp species from India with a revised key. *Zookeys* 207: 11–35. doi: 10.3897/zookeys.207.3040
57. Bharti H, Kumar R (2013) A new species of *Vollenhovia* (Hymenoptera, Formicidae) From India with key to known Indian species. *Vestnik Zoologii* 47(2): 67–69. doi: 10.2478/vzoo-2013-0018
58. Bharti H, Kumar R (2013) Five new species of *Dilobocondyla* (Hymenoptera: Formicidae) with a revised key to the known species. *Asian Myrmecology* 5: 29–44.
59. Bharti H, Kumar R (2013) Six new species of *Carebara* Westwood (Hymenoptera: Formicidae) with restructuring of world species groups and a key to Indian species. *Entomol J. Res. Soc.* 15(1): 47–67.
60. Bharti H., Akbar, SA (2013) Taxonomic studies on the ant genus *Cerapachys* Smith (Hymenoptera, Formicidae) from India. *ZooKeys* 336: 79–103. doi: 10.3897/zookeys.336.5719
61. Bharti H, Akbar, SA (2013) Taxonomic studies on the ant genus *Strumigenys* Smith, 1860 (Hymenoptera, Formicidae) with report of two new species and five new records including a tramp species from India. *Sociobiology* 60: 387–396. doi: 10.13102/sociobiology.v60i4.387-396
62. Bharti H, Akbar SA (2014) *Meranoplus periyarensis*, a remarkable new ant species (Hymenoptera: Formicidae) from India. *Journal of Asia-Pacific Entomology* 17: 811–815. doi: 10.1016/j.aspen.2014.07.014
63. Bharti H, Akbar SA (2014) Taxonomic studies on the genus *Myrmoteris* Forel (Hymenoptera: Formicidae), with description of two new species from India. *Journal of the Entomological Research Society* 16(2): 71–80.
64. Bharti H, Akbar SA (2014) *Tetraponera periyarensis*, a new pseudomyrmecine ant species (Hymenoptera: Formicidae) from India. *Asian Myrmecology* 6: 43–48.
65. Bharti H, Akbar SA (2014) New additions to ant genus *Carebara* Westwood (Hymenoptera: Formicidae: Myrmicinae) from India. *Acta Zoologica Academiae Scientiarum Hungaricae* 60(4): 313–324.
66. Bharti H, Ali S (2013) A new species of the ant genus *Lordomyrma* (Hymenoptera: Formicidae: Myrmicinae) from India. *Myrmecological News* 18: 149–152.
67. Bharti H, Sharma YP (2009) Diversity and abundance of ants along an elevational gradient in Jammu-Kashmir Himalaya -I. *Halteres* 1(1): 10–24.

68. Bharti H, Sharma YP (2011) *Myrmica elmesi* (Hymenoptera, Formicidae) a new species from Himalaya. *ZooKeys* 124: 51–58. doi: 10.3897/zookeys.124.1586
69. Bharti H, Sharma YP (2011) *Myrmica longisculpta*, a new species from Himalaya (Hymenoptera: Formicidae: Myrmicinae). *Acta Entomologica Musei Nationalis Pragae* 51: 723–729.
70. Bharti H, Sharma YP (2011) *Myrmica radchenkoi*, a new species of ant (Hymenoptera: Formicidae) from Indian Himalaya. *Sociobiology* 58: 427–434.
71. Bharti H, Sharma YP (2013) Three new species of genus *Myrmica* (Hymenoptera: Formicidae) from Himalaya. *Journal of Asia-Pacific Entomology* 16: 123–130. doi: 10.1016/j.aspen.2012.12.006
72. Bharti H, Gul I, Schulz A (2012) Three new species of genus *Temnothorax* (Hymenoptera: Formicidae) from Indian Himalayas with a revised key to the Indian species. *Acta Zoologica Academiae Scientiarum Hungaricae* 58(4): 325–336.
73. Bharti H, Gul I, Sharma, YP (2012) *Pseudolasius machhediensis*, a new ant species from Indian Himalaya (Hymenoptera: Formicidae). *Sociobiology* 59: 805–813.
74. Bharti H, Gul I, Sharma YP (2012) Two new species of *Stenammina* (Hymenoptera: Formicidae) from Indian Himalaya with a revised key to the Palaearctic and Oriental species. *Sociobiology* 59: 317–330.
75. Bharti H, Gul I, Sharma Y (2012) Two new species of *Stenammina* (Hymenoptera: Formicidae) from Indian Himalaya with a revised key to the Palaearctic and Oriental species. *Sociobiology* 59: 317–330.
76. Bharti H, Dhiman N, Bharti M, Wachkoo AA (2013) SEM studies on immature stages of *Aphaenogaster beelsoni* Donisthorpe, 1933 (Hymenoptera: Formicidae). *Halteres* 4: 68–78.
77. Bharti H, Kumar R, Dubovikoff DA (2013) A new species of the genus *Tapinoma* Foerster, 1850 (Hymenoptera: Formicidae) from India. *Caucasian Entomological Bull.* 9(2): 303–304.
78. Bharti H, Akbar SA, Wachkoo AA, Singh J (2015) Taxonomic studies on ant genus *Hypoponera* (Hymenoptera: Formicidae: Ponerinae) from India. *Asian Myrmecology* 7: 1–15.
79. Bharti H, Sharma YP, Kaur A (2009) Seasonal patterns of ants (Hymenoptera: Formicidae) in Punjab Shivalik. *Halteres* 1(1): 36–47.
80. Bharti H, Sharma YP, Bharti M, Pfeiffer M (2013) Ant species richness, endemism and functional groups, along an elevational gradient in the Himalayas. *Asian Myrmecology* 5: 79–101.
81. Blaimer BB (2012) Acrobat ants go global - Origin, evolution and systematics of the genus *Crematogaster* (Hymenoptera: Formicidae). *Molecular Phylogenetics and Evolution* 65: 421–436. doi: 10.1016/j.ympev.2012.06.028
82. Blaimer BB (2012) Untangling complex morphological variation: taxonomic revision of the subgenus *Crematogaster* (*Oxygyne*) in Madagascar, with insight into the evolution and biogeography of this enigmatic ant clade (Hymenoptera: Formicidae). *Systematic Entomology* 37: 240–260. doi: 10.1111/j.1365-3113.2011.00609.x
83. Bolton B (1974) A revision of the Palaeotropical arboreal ant genus *Cataulacus* F Smith (Hymenoptera: Formicidae). *Bulletin of the British Museum (Natural History)*. *Entomology* 30: 1–105.

84. Bolton B (1974) New synonymy and a new name in the ant genus *Polyrhachis* Smith F (Hym., Formicidae). Entomologist's Monthly Magazine 109: 172–180.
85. Bolton B (1975) The *sexspinosa*-group of the ant genus *Polyrhachis* F Smith (Hym. Formicidae). Journal of Entomology. Series B 44: 1–14. doi: 10.1111/j.1365-3113.1975.tb00001.x
86. Bolton B (1976) The ant tribe Tetramoriini (Hymenoptera: Formicidae). Constituent genera, review of smaller genera and revision of *Triglyphothrix* Forel. Bulletin of the British Museum (Natural History). Entomology 34:281–379.
87. Bolton B (1977) The ant tribe Tetramoriini (Hymenoptera: Formicidae). The genus *Tetramorium* Mayr in the Oriental and Indo-Australian regions, and in Australia. Bulletin of the British Museum (Natural History). Entomology 36: 67–151.
88. Bolton B (1979) The ant tribe Tetramoriini (Hymenoptera: Formicidae). The genus *Tetramorium* Mayr in the Malagasy region and in the New World. Bulletin of the British Museum (Natural History). Entomology 38:129–181.
89. Bolton B (1980) The ant tribe Tetramoriini (Hymenoptera: Formicidae). The genus *Tetramorium* Mayr in the Ethiopian zoogeographical region. Bulletin of the British Museum (Natural History). Entomology 40: 193–384.
90. Bolton B (1982) Afrotropical species of the myrmicine ant genera *Cardiocondyla*, *Leptothorax*, *Melissotarsus*, *Messor* and *Cataulacus* (Formicidae). Bulletin of the British Museum (Natural History). Entomology 45: 307–370.
91. Bolton B (1986) A taxonomic and biological review of the tetramoriine ant genus *Rhoptromyrmex* (Hymenoptera: Formicidae). Systematic Entomology 11: 1–17. doi: 10.1111/j.1365-3113.1986.tb00156.x
92. Bolton B (1987) A review of the *Solenopsis* genus-group and revision of Afrotropical *Monomorium* Mayr (Hymenoptera: Formicidae). Bulletin of the British Museum (Natural History). Entomology 54: 263–452.
93. Bolton B (1988) A new socially parasitic *Myrmica*, with a reassessment of the genus (Hymenoptera: Formicidae). Syst. Entomol. 13: 1–11. doi: 10.1111/j.1365-3113.1988.tb00223.x
94. Bolton B (1988) A review of *Paratopula* Wheeler, a forgotten genus of myrmicine ants (Hym., Formicidae). Entomologist's Monthly Magazine 124: 125–143.
95. Bolton B (1991) New myrmicine genera from the Oriental Region (Hymenoptera: Formicidae). Systematic Entomology 16: 1–13. doi: 10.1111/j.1365-3113.1991.tb00571.x
96. Bolton B (1992) A review of the ant genus *Recurvidris* (Hym: Formicidae), a new name for *Trigonogaster* Forel. Psyche 99: 35–48. doi: 10.1155/1992/58186
97. Bolton B (2007) Taxonomy of the dolichoderine ant genus *Technomyrmex* Mayr (Hymenoptera: Formicidae) based on the worker caste. Contributions of the American Entomological Institute 35(1): 1–150.
98. Bolton B, Fisher BL (2011) Taxonomy of Afrotropical and West Palearctic ants of the ponerine genus *Hypoponera* Santschi (Hymenoptera: Formicidae). Zootaxa 2843: 1–118.
99. Bolton B (2000) The Ant Tribe Dacetini. Memoirs of the American Entomological Institute 65.
100. Bonasio R, Zhang G, Ye C, Mutti NS, Fang X, Qin N, Donahue G, Yang P, Li Q, Li C (2010) Genomic comparison of the ants *Camponotus floridanus* and *Harpegnathos saltator*. Science 329: 1068–1071. doi: 10.1126/science.1192428

101. Borowiec ML (2007) A new species of *Tyrannomyrmex* (Hymenoptera: Formicidae: Myrmicinae) from India. *Zootaxa* 1642: 65–68.
102. Borowiec ML (2007) A third species of *Mayriella* from the Oriental region (Hymenoptera: Formicidae). *Genus* (Wroclaw) 18: 773–776.
103. Branstetter MG (2012) Origin and diversification of the cryptic ant genus *Stenammas* Westwood (Hymenoptera: Formicidae), inferred from multilocus molecular data, biogeography and natural history. *Systematic Entomology* 37: 478–496. doi: 10.1111/j.1365-3113.2012.00624.x
104. Brown WL, Jr. (1959) Variation in the ant *Polyrhachis thrinax* (Hymenoptera). *Entomological News* 70: 164.
105. Brown WL, Jr. (1960) Contributions toward a reclassification of the Formicidae. III. Tribe Amblyoponini (Hymenoptera). *Bulletin of the Museum of Comparative Zoology* 122: 143–230.
106. Brown WL, Jr. (1964) *Hagioxenus mayri* comb. nov. Pilot Register of Zoology Card No. 19.
107. Brown WL, Jr. (1964) *Rhoptromyrmex wroughtonii*, new synonymy of and brief characterization. Pilot Register of Zoology Card No. 14.
108. Brown WL, Jr. (1975) Contributions toward a reclassification of the Formicidae. V Ponerinae, tribes Platythyreini, Cerapachyini, Cylindromyrmecini, Acanthostichini, and Aenictogitini. *Search Agric.* (Ithaca N Y.) 5(1): 1–115.
109. Brown WL, Jr. (1976) Contributions toward a reclassification of the Formicidae. Part VI. Ponerinae, tribe Ponerini, subtribe Odontomachiti. Section A Introduction, subtribal characters. *Genus Odontomachus*. *Studia Entomologica* 19: 67–171.
110. Brown WL, Jr. (1986) *Indomyrma dasypyx*, new genus and species, a myrmicine ant from peninsular India (Hymenoptera: Formicidae). *Israel Journal of Entomology* 19: 37–49.
111. Brown WL, Jr. (1978) Contributions toward a reclassification of the Formicidae. Part VI. Ponerinae, tribe Ponerini, subtribe Odontomachiti. Section B Genus *Anochetus* and bibliography. *Studia Entomologica* 20(1–4): 549–638.
112. Chandrasekaran, Sevarkodiyone (2004) Regional diversity of ant fauna in three vegetational covers in a rural ecosystem. *Environment & Ecology* 22(1): 90–94.
113. Chapman JW (1965) Studies on the ecology of the army ants of the Philippines genus *Aenictus* Schuckard (Hymenoptera: Formicidae). *Philippine Journal of Science* 93: 551–595.
114. Chapman JW, Capco SR (1951) Check list of the ants (Hymenoptera: Formicidae) of Asia. *Monographs of the Institute of Science and Technology* (Manila) 1: 1–327
115. Chavhan A, Pawar SS (2011) Distribution and diversity of ant species (Hymenoptera: Formicidae) in and around Amravati City of Maharashtra, India. *World Journal of Zoology* 6(4): 395–400.
116. Chhotani OB, Ray KK (1976) Fauna of Rajasthan, India, Hymenoptera. *Records of the Zoological Survey of India* 71: 13–49.
117. Chhotani OB, Maiti PK (1977) Contribution to the knowledge of Formicidae of the Andaman Islands. *Zoological Survey of India* 3(1): 17–20.
118. Cole AC, Jr. (1949) A study of the genus *Gesomyrmex* Mayr, and a description of a species new to the genus (Hymenoptera: Formicidae). *Annals of the Entomological Society of America* 42: 71–76. doi: 10.1093/aesa/42.1.71

119. Collingwood CA (1962) Some ants (Hym. Formicidae) from north-east Asia. Entomologisk Tidskrift 83: 215–230.
120. Collingwood CA (1976) Ants (Hymenoptera: Formicidae) from North Korea. Annales Historico-Naturales Musei Nationalis Hungarici 68: 295–309.
121. Collingwood CA (1982) Himalayan ants of the genus *Lasius* (Hymenoptera: Formicidae). Systematic Entomology 7: 283–296. doi: 10.1111/j.1365-3113.1982.tb00446.x
122. CSIRO Collection
123. Datta SK, Raychaudhuri D (1985) A new species of ant (Hymenoptera: Formicidae) from Nagaland, north-east India. Journal, Science and Culture 51: 271–273.
124. D’Cunha P, Grover Nair VM (2014) Ant fauna on the mangroves of Dakshina Kannada and Udupi districts, Karnataka, India. Journal of Entomological Research 38(1): 59–66.
125. D’Cunha P, Grover Nair VM (2013) Diversity and distribution of ant fauna in Hejamadi Kodi Sandspit, Udupi District, Karnataka, India. Halteres 4: 33–47.
126. Del Toro I, Pacheco JA, MacKay WP (2009) Revision of the ant genus *Liometopum* (Hymenoptera: Formicidae). Sociobiology 53: 299–369.
127. Delabie JH, Groc CS, Dejean A (2011) The tramp ant *Technomyrmex vitiensis* (Hymenoptera: Formicidae: Dolichoderinae) on South America. Florida Entomologist 94(3): 688–689. doi: 10.1653/024.094.0335
128. Dey D, Coumar A (2008) Report of a third *Camponotus* species with metapleural gland from the world and first from India (Hymenoptera: Formicidae: Formicinae: Camponotini). Acta Entomologica Sinica 51(2): 234–236.
129. Dhote J (2012) Ant (Hymenoptera: Formicidae) records from Shri Shivaji science college campus, Amravati, India. Applied Research and Development Institute Journal 3(12): 114–117.
130. Dietrich CO (2004) Taxonomische Beiträge zur Myrmekofauna Jordaniens (Hymenoptera: Formicidae). Denisia 14: 319–344.
131. Dill M (2002) Taxonomy of the migrating herdsmen species of the genus *Dolichoderus* Lund, 1831, with remarks on the systematics of other southeast-Asian *Dolichoderus*. 17–113. In: Dill M, Williams DJ, Maschwitz U (2002) Herdsmen ants and their mealybug partners. Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft 557: 1–373.
132. Donisthorpe H (1929) The Formicidae (Hymenoptera) taken by Major RW, Hingston GMC, I.M.S. (ret.), on the Mount Everest Expedition, 1924. Annals and Magazine of Natural History (10)4: 444–449. doi: 10.1080/00222932908673079
133. Donisthorpe H (1930) A new subspecies of *Acanthomyops* (Hymenoptera, Formicidae) from Kashmir. Annals and Magazine of Natural History (10)6: 225–226.
134. Donisthorpe H (1933) A new species of *Aphaenogaster* (Hym. Formicidae) from India. Stylops 2: 24. doi: 10.1111/j.1365-3113.1993.tb01451.x
135. Donisthorpe H (1933) Descriptions of three new species of Formicidae, and a synonymical note. Annals and Magazine of Natural History (10)11: 194–198. doi: 10.1080/00222933308673643
136. Donisthorpe H (1937) A new species of *Harpegnathos* Jerd., with some remarks on the genus, and other known species (Hym. Formicidae). Entomologist’s Monthly Magazine 73: 196–201.

137. Donisthorpe H (1937) Some new forms of Formicidae and a correction. *Annals and Magazine of Natural History* (10)19: 619–628. doi: 10.1080/00222933708655308
138. Donisthorpe H (1938) New species of ants and a new subgenus of *Dolichoderus* from various localities. *Annals and Magazine of Natural History* (11)2: 498–504.
139. Donisthorpe H (1939) The genus *Lioponera* Mayr (Formicidae, Cerapachyinae), with descriptions of two new species and an ergatandromorph. *Annals and Magazine of Natural History* (11)3: 252–257. doi: 10.1080/03745481.1939.9723600
140. Donisthorpe H (1942) Ants from the Colombo Museum Expedition to Southern India, September-October 1938. *Annals and Magazine of Natural History* 11(9): 449–461.
141. Dorow WHO, Kohout RJ (1995) A review of the subgenus *Hemioptica* Roger of the genus *Polyrhachis* Fr. Smith with description of a new species (Hymenoptera: Formicidae: Formicinae). *Zoologische Mededelingen (Leiden)* 69: 93–104. doi: 10.1080/03745481.1942.9755496
142. Dubey AK (2006) Notes on the Indian species of the genus *Platythyrea* (Hymenoptera: Formicidae), with an identification key. *Entomon* 31: 45–48.
143. DuBios MB (1998) revision of the ant genus *Stenammina* in the Palaearctic and Oriental regions. *Sociobiology* 32: 193–403.
144. Eguchi K (2003) A study on the male genitalia of some Asian species of *Pheidole* (Hymenoptera, Formicidae, Myrmicinae). *Sociobiology* 41: 317–355.
145. Eguchi K (2004) Taxonomic revision of two wide-ranging Asian ants, *Pheidole fervens* and *P. indica* (Insecta: Hymenoptera, Formicidae), and related species. *Annalen des Naturhistorischen Museums in Wien. B, Botanik, Zoologie* 105: 189–209.
146. Eguchi K (2006) Six new species of *Pheidole* Westwood from North Vietnam (Hymenoptera, Formicidae). *Revue Suisse de Zoologie* 113:115–131. doi: 10.5962/bhl.part.80344
147. Eguchi K (2008) A revision of Northern Vietnamese species of the ant genus *Pheidole* (Insecta: Hymenoptera: Formicidae: Myrmicinae). *Zootaxa* 1902: 1–118.
148. Eguchi K, Yamane S, Zho SY (2007) Taxonomic revision of the *Pheidole rinae* Emery complex. *Sociobiology* 50 (1): 275–284.
149. Eguchi K, Bui TV, General DM, Alpert GD (2010) Revision of the ant genus *Anillomyrma* - Emery, 1913 (Hymenoptera: Formicidae: Myrmicinae: Solenopsidini). *Myrmecological News* 13:31–36.
150. Eguchi K, Yoshimura M, Yamane S (2006) The Oriental species of the ant genus *Probolomyrmex* (Insecta: Hymenoptera: Formicidae: Proceratiinae). *Zootaxa* 1376: 1–35.
151. Elmes GW, Radchenko AG (2009) Two new Himalayan ant species (Hymenoptera, Formicidae) related to *Myrmica indica*. *Vestnik Zoologii* 43(2): 107–119. doi: 10.2478/v10058-009-0006-x
152. Emery C (1887) Catalogo delle formiche esistenti nelle collezioni del Museo Civico di Genova. Parte terza. Formiche della regione Indo-Malese e dell’Australia (continuazione e fine). *Annali del Museo Civico di Storia* 25(5): 427–473.
153. Emery C (1887) Catalogo delle formiche esistenti nelle collezioni del Museo Civico di Genova. Parte terza. Formiche della regione Indo-Malese e dell’Australia. *Annali del Museo Civico di Storia* 24(4): 209–258.

154. Emery C (1889) Formiche di Birmania e del Tenasserim raccolte da Leonardo Fea (1885–87). *Annali del Museo Civico di Storia Naturale* 27: 485–520.
155. Emery C (1893) Formicides de l'Archipel Malais. *Revue Suisse de Zoologie* 1: 187–229. doi: 10.5962/bhl.part.3745
156. Emery C (1895) Viaggio di Leonardo Fea in Birmania e regioni vicine. LXIII. Formiche di Birmania del Tenasserim e dei Monti Carin raccolte da Fea L Parte II. *Annali del Museo Civico di Storia Naturale* 34: 450–483.
157. Emery C (1897) Revisione del genere *Diacamma* Mayr. *Rendiconti delle Sessioni della Reale Accademia delle Scienze dell'Istituto di Bologna* 1: 147–167.
158. Emery C (1910) Hymenoptera. Fam. Formicidae. Subfam. Dorylinae. *Genera Insectorum* 102: 1–34.
159. Emery C (1911) Fragments myrmécologiques. *Annales de la Société Entomologique de Belgique* 55: 213–225.
160. Emery C (1911) Hymenoptera. Fam. Formicidae. Subfam. Ponerinae. *Genera Insectorum* 118: 1–125.
161. Emery C (1913) Hymenoptera. Fam. Formicidae. Subfam. Dolichoderinae. *Genera Insectorum* 137: 1–50.
162. Emery C (1925) Revision des especes paléarctiques du genre *Tapinoma*. *Revue Suisse de Zoologie* 32: 45–64.
163. Emery C (1896) Saggio di un catalogo sistematico dei generi *Camponotus*, *Polyrhachis* e affini. *Memorie della Reale Accademia delle Scienze dell'Istituto di Bologna* 5: 363–382
164. Emery C (1908) Beitrage zur Monographie der Formiciden des palearktischen Faunengebietes. (Hym.) Teil Monomorium V *Deutsche Entomologische Zeitschrift* 1908: 663–686.
165. Emery C (1893) Voyage de MM. Bedot et Pictet dans l'Archipel Malais. Formicides de l'Archipel Malais. *Revue Suisse de Zoologie* 1: 187–229. doi: 10.5962/bhl.part.3745
166. Ettershank G (1966) A generic revision of the world Myrmicinae related to *Solenopsis* and *Pheidologeton* (Hymenoptera: Formicidae). *Australian Journal of Zoology* 14: 73–171. doi: 10.1071/ZO9660073
167. Field Museum Collection, Chicago, Illinois (Pers. Communication Corrie Moreau)
168. Field Museum of Natural History (data collected from GBIF, <http://www.gbif.org/>)
169. Foitzik S, Heinze J (1999) Non-random size differences between sympatric species of the ant genus *Leptothorax* (Hymenoptera: Formicidae). *Entomologia Generalis* 24: 65–74. doi: 10.1127/entom.gen/24/1999/65
170. Forel A (1885) Indian ants of the Indian Museum, Calcutta. *Journal of the Asiatic Society of Bengal. Part II. Natural Science* 54:176–182.
171. Forel A (1886) Etudes myrmécologiques en 1886. *Annales de la Société Entomologique de Belgique* 30: 131–215.
172. Forel A (1886) Indian ants of the Indian Museum, Calcutta, No. (2) *Journal of the Asiatic Society of Bengal. Part II. Natural Science* 55: 239–249.
173. Forel A (1890) *Aenictus-Typhlatta* découverte de Wroughton M Nouveaux genres de Formicides. *Annales de la Société Entomologique de Belgique* 34: cii-cxiv.

174. Forel A (1892) Les Formicides de l'Empire des Indes et de Ceylan. Part I. Journal of the Bombay Natural History Society 7: 219–245.
175. Forel A (1893) Les Formicides de l'Empire des Indes et de Ceylan. Part II. Journal of the Bombay Natural History Society 7: 430–439.
176. Forel A (1893) Les Formicides de l'Empire des Indes et de Ceylan. Part III. Journal of the Bombay Natural History Society 8: 17–36.
177. Forel A (1894) Les Formicides de l'Empire des Indes et de Ceylan. Part IV. Journal of the Bombay Natural History Society 8: 396–420.
178. Forel A (1895) Les Formicides de l'Empire des Indes et de Ceylan. Part V. Journal of the Bombay Natural History Society 9: 453–472.
179. Forel A (1900) Les Formicides de l'Empire des Indes et de Ceylan. Part VI. Journal of the Bombay Natural History Society 13: 52–65.
180. Forel A (1900) Les Formicides de l'Empire des Indes et de Ceylan. Part VII. Journal of the Bombay Natural History Society 13: 303–332.
181. Forel A (1900) Ponerinae et Dorylinae d'Australie récoltés par MM. Turner, Froggatt, Nugent, Chase, Rothney, Walker J-J, etc. Annales de la Société Entomologique de Belgique 44: 54–77.
182. Forel A (1900) Un nouveau genre et une nouvelle espèce de Myrmicide. Annales de la Société Entomologique de Belgique 44: 24–26.
183. Forel A (1901) Formiciden des Naturhistorischen Museums zu Hamburg. Neue *Calyptomymex*-, *Dacryon*-, *Podomyrma*- und *Echinopla*-Arten. Mitteilungen aus dem Naturhistorischen Museum in Hamburg 18: 43–82.
184. Forel A (1901) Les Formicides de l'Empire des Indes et de Ceylan. Part VIII. Journal of the Bombay Natural History Society 13: 462–477
185. Forel A (1902) Les Formicides de l'Empire des Indes et de Ceylan. Part IX. Journal of the Bombay Natural History Society 14: 520–546.
186. Forel A (1902) Myrmicinae nouveaux de l'Inde et de Ceylan. Revue suisse de zoologie 10: 165–249. doi: 10.5962/bhl.part.13792
187. Forel A (1902) Variétés myrmécologiques. Annales de la Société Entomologique de Belgique 46: 284–296.
188. Forel A (1903) Les Formicides de l'Empire des Indes et de Ceylan. Part X. Journal of the Bombay Natural History Society 14: 679–715.
189. Forel A (1903) Les fourmis des îles Andamans et Nicobares. Rapports de cette faune avec ses voisines. Revue suisse de zoologie 11: 399–411.
190. Forel A (1904) Miscellanea myrmécologiques. Revue suisse de zoologie 12: 1–52.
191. Forel A (1905) Miscellanea myrmécologiques II (1905) Annales de la Société Entomologique de Belgique 49: 155–185.
192. Forel A (1906) Les fourmis de l'Himalaya. Bulletin de la Société Vaudoise des Sciences Naturelles 42: 79–94.
193. Forel A (1907) Formiciden aus dem Naturhistorischen Museum in Hamburg. II. Teil. Neueingänge seit 1900. Mitteilungen aus dem Naturhistorischen Museum in Hamburg 24: 1–20.

194. Forel A (1907) Formicides du Musée National Hongrois. *Annales Historico-Naturales Musei Nationalis Hungarici* 5: 1–42.
195. Forel A (1910) Glanures myrmécologiques. *Annales de la Société Entomologique de Belgique* 54: 6–32.
196. Forel A (1911) Fourmis nouvelles ou intéressantes. *Bulletin de la Société Vaudoise des Sciences Naturelles* 47: 331–400.
197. Forel A (1911) Sur le genre *Metapone* n. g. nouveau groupe des Formicides et sur quelques autres formes nouvelles. *Revue suisse de zoologie* 19: 445–459. doi: 10.5962/bhl.part.29919
198. Forel A (1912) Einige neue und interessante Ameisenformen aus Sumatra etc. *Zoologische Jahrbücher Supplement* 15: 51–78.
199. Forel A (1913) Quelques fourmis des Indes, du Japon et d’Afrique. *Revue suisse de zoologie* 21: 659–673. doi: 10.5962/bhl.part.37159
200. Forel A (1918) Etudes myrmécologiques en 1917. *Bulletin de la Société Vaudoise des Sciences Naturelles* 51: 717–727.
201. Forel A (1922) Glanures myrmécologiques en 1922. *Revue Suisse de Zoologie* 30: 87–102. doi: 10.5962/bhl.part.144519
202. Gaume L, Shenoy M, Zacharias M, Borges, RM (2006) Co-existence of ants and an arboreal earthworm in a myrmecophyte of the Indian Western Ghats: anti-predation effect of the earthworm mucus. *Journal of Tropical Ecology* 22: 341–344. doi: 10.1017/S0266467405003111
203. Gaume L, Zacharias M, Gosbois V, Borges RM (2005) The fitness consequences of bearing domatia and having the right ant partner: experiments with protective and non-protective ants in a semi-myrmecophyte. *Oecologia* 145: 76–86. doi: 10.1007/s00442-005-0107-3
204. Ghosh SN, Sheela S (2008) On a collection of Formicidae (Hymenoptera: Vespoidea) from Buxa Tiger Reserve, West Bengal, India, with new records of one rare genus and a rare species. *Asian Myrmecology* 2: 99–102.
205. Ghosh SN, Sheela S, Kundu BG (2005) Ants (Hymenoptera: Formicidae) of Rabindra Sarovar, Kolkata. *Records of the Zoological Survey of India. Occasional Paper* 234: 1–40.
206. Ghosh SN, Sheela S, Kundu BG, Roychowdhury S, Tiwari RN (2006) Insecta: Hymenoptera: Formicidae. Pp. 369–398 in: Alfred JRB (Ed.) 2006. *Fauna of Arunachal Pradesh. (Part -2). [State Fauna Series 13.]*. New Delhi: Zoological Survey of India, iv + 518 pp.
207. Heterick BE, Shattuck S (2011) Revision of the ant genus *Iridomyrmex* (Hymenoptera: Formicidae). *Zootaxa* 2845: 1–174.
208. Hita Garcia F, Fisher BL (2011) The ant genus *Tetramorium* Mayr (Hymenoptera: Formicidae) in the Malagasy region -introduction, definition of species groups, and revision of the *T. bicarinatum*, *T. obesum*, *T. sericeiventre*, and *T. tosii* species groups. *Zootaxa* 3039: 1–72.
209. Hosoiishi S (2015) Revision of the *Crematogaster ranavalonae*-group in Asia, with description of two new species (Hymenoptera, Formicidae). *Journal of Hymenoptera Research* 42: 63–92. doi: 10.3897/JHR.42.8758

210. Hosoiishi S, Ogata K (2009) A check list of the ant genus *Crematogaster* in Asia (Hymenoptera: Formicidae). Bulletin of the Institute of Tropical Agriculture Kyushu University 32: 43–83.
211. Hosoiishi S, Ogata K (2012) Revision of the *Crematogaster brevis* complex in Asia (Hymenoptera: Formicidae). Zootaxa 3349: 18–30.
212. Hung ACF (1970) A revision of ants of the subgenus *Polyrhachis* Fr. Smith (Hymenoptera: Formicidae: Formicinae). Oriental Insects 4(1): 1–36. doi: 10.1080/00305316.1970.10433938
213. iDigBio <https://www.idigbio.org/> [accessed on the 6th May 2014]
214. Imai HT, Baroni Urbani C, Kubota M, Sharma GP, Narasimhanna MH, Das BC, Sharma AK, Sharma A, Deodikar GB, Vaidya VG, Rajasekarasetty MR (1984) Karyological survey of Indian ants. Japanese Journal of Genetics 59: 1–32. doi: 10.1266/jjg.59.1
215. Ito F (2010) Gamergate reproduction without queens in the ponerine ant *Pachycondyla* (= *Bothroponera*) *tesseronoda* (Emery, 1877) in southern India (Hymenoptera: Formicidae). Asian Myrmecology 3: 39–44.
216. Jaitrong W, Yamane S (2013) The *Aenictus ceylonicus* species group (Hymenoptera, Formicidae, Aenictinae) from Southeast Asia. Journal of Hymenoptera Research 31: 165–233. doi: 10.3897/jhr.31.4274
217. Jaitrong W, Nabhitabhata J (2005) A list of known ant species of Thailand. The Thailand Natural History Museum Journal 1(1): 9–54.
218. Jaitrong W, Yamane S, Wiwatwitaya D (2010) The army ant- *Aenictus wroughtonii* (Hymenoptera, Formicidae, Aenictinae) and related species in the Oriental region, with descriptions of two new species. Japanese Journal of Systematic Entomology 16: 33–46.
219. Kaleeswaran B, Ezil B, Ganesh P, Bhavatarini S (2008) Biodiversity and niches of Ants in Alagar hills, Tamil nadu Wildlife Biodiversity Conservation Published by Day publishing house, 188–208.
220. Karavaiev V (1925) Ponerinen (Fam. Formicidae) aus dem Indo-Australischen Gebiet. (Fortsetzung). Konowia 4: 115–131.
221. Karavaiev V (1926) Ameisen aus dem Indo-Australischen Gebiet. Treubia 8: 413–445.
222. Karavaiev V (1935) Neue Ameisen aus dem Indo-Australischen Gebiet, nebst Revision einiger Formen. Treubia 15: 57–118.
223. Karmaly KA (2004) A new species and a key to species of *Polyrhachis* Smith (Hymenoptera: Formicidae) from India. In: Rajmohana K, Sudheer K, Girish Kumar P, Santhosh S (Eds) 2004. Perspectives on biosystematics and biodiversity. Prof. T.C. Narendran commemoration volume. Systematic Entomology Research Scholars Association, Kerala, 539–551
224. Karmaly KA, Rabeesh TP, Sumesh S (2012) Description of new species of genus *Cerapachys*, Smith (Hymenoptera: Formicidae) from Kerala, India. Journal of Entomological Research (New Delhi) 36: 157–159.
225. Karmaly KA, Sumesh S, Rabeesh TP, Kishore L (2010) A checklist of ants of Thirunelli in Wayanad, Kerala. Journal of the Bombay Natural History Society 107(1): 64–67.
226. Karmaly KA, Narendran TC (2006) Indian ants: genus *Camponotus*. Teresian Carmel Publications, Kerala, 165 pp.

227. Kataria R, Kumar D (2013) On the Aphid-ant association and its relationship with various host plants in the Agroecosystems of Vadodara, Gujarat, India. *Halteres* 4: 25–32.
228. Kharbani H, Hajong SR (2013) Seasonal patterns in ant (Hymenoptera: Formicidae) activity in a forest habitat of the West Khasi Hills, Meghalaya, India. *Asian Myrmecology* 5: 103–112.
229. Khot K, Quadros G, Somani V (2014) Ant diversity in an urban garden at Mumbai, Maharashtra. National Conference on Biodiversity: Status and Challenges in Conservation – FAVEO: 121–125.
230. Kohout RJ (1998) New synonyms and nomenclatural changes in the ant genus *Polyrhachis* Fr. Smith (Hymenoptera: Formicidae: Formicinae). *Memoirs of the Queensland Museum* 42: 505–531
231. Kohout RJ (2010) A review of the Australian *Polyrhachis* ants of the subgenera *Myrmhopla* Forel and *Hirtomyrma* subgen. nov. (Hymenoptera: Formicidae: Formicinae). *Memoirs of the Queensland Museum - Nature* 55: 167–204.
232. Kohout RJ (2013) A review of the *Polyrhachis aculeata* species-group of the subgenus *Myrma* Billberg (Hymenoptera: Formicidae: Formicinae), with keys and descriptions of new species. *Australian Entomologist* 40(3): 137–171.
233. Kohout RJ (2006) A review of the *Polyrhachis cryptoceroides* species-group with description of a new species from Thailand. *Myrmecologische Nachrichten* 8: 145–150.
234. Kugler C (1986) Stings of ants of the tribe Pheidologetini (Myrmicinae). *Insecta Mundi* 1: 221–230.
235. Kugler J (1984) The males of *Cardiocondyla* Emery (Hymenoptera: Formicidae) with the description of the winged male of *Cardiocondyla wroughtoni* (Forel). *Israel Journal of Entomology* 17: 1–21.
236. Kugler J (1987) The Leptanillinae (Hymenoptera: Formicidae) of Israel and a description of a new species from India. *Israel Journal of Entomology* 20: 45–57.
237. Kumar D, Archana M (2008) Ant community variation in urban and agricultural ecosystems in Vadodara District (Gujarat State), western India. *Asian Myrmecology* 2: 85–93.
238. LaPolla JS (2004) *Acropyga* (Hymenoptera: Formicidae) of the world. *Contributions of the American Entomological Institute* 33(3): 1–130.
239. Lattke JE (2004) A taxonomic revision and phylogenetic analysis of the ant genus *Gnamptogenys* Roger in Southeast Asia and Australasia (Hymenoptera: Formicidae: Ponerinae). *University of California Publications in Entomology* 122: 1–266. doi:10.1525/california/9780520098442.001.0001
240. Li Z-h (2006) List of Chinese Insects. Volume 4. Sun Yat-sen University Press.
241. Liebig JC, Peeters N, Oldham J, Markstadter C, Holldobler B (2000) Are variations in cuticular hydrocarbons of queens and workers a reliable signal of fertility in the ant *Harpegnathos saltator*? *Proceedings of the National Academy of Sciences of the United States of America* 97(8): 4124–4131. doi: 10.1073/pnas.97.8.4124
242. Liu X, Xu ZH (2011) Three new species of the ant genus *Stenammas* (Hymenoptera: Formicidae) from Himalaya and the Hengduan Mountains with a revised key to the known species of the Palearctic and Oriental Regions. *Sociobiology* 58: 733–748.

243. Mani MS, Singh S (1962) Entomological survey of Himalaya. *Journal of the Bombay Natural History Society* 59(1): 84–85.
244. Manmohini C, Paonam MS, Singh TK (1987) Aphids (Homoptera: Aphidae) and their associated ants (Hymenoptera: Formicidae) of fruit trees in Manipur, North-East India. *Journal of Aphidology* 1(1&2): 102–104.
245. Mathew R (1981) Description of new species of ant (Hymenoptera: Formicidae) from the Khasi Hills, Meghalaya. *Oriental Insects* 14: 425–427. doi: 10.1080/00305316.1980.10434826
246. Mathew R (1983) Studies on house-hold insect-pests (Hymenoptera: Formicidae) of Shillong. *Bulletin of the Zoological Survey of India* 5(1):125–127.
247. Mathew R (1984) Some new records of ants (Hymenoptera: Formicidae) from Tripura. *Bulletin of the Zoological Survey of India* 6(1–3): 307–308.
248. Mathew R (2003) On Formicidae (Insecta: Hymenoptera) of Nongkhylliem Wild Life Sanctuary, Ri-Bhoi District, Meghalaya. *Records of the Zoological Survey of India* 101:195–207.
249. Mathew R, Tiwari RN (2000) Insecta: Hymenoptera: Formicidae. In: Director; Zoological Survey of India (Ed.) 2000. Fauna of of Meghalaya. Part 7. [State Fauna Series 4.] Insecta 2000. Zoological Survey of India, Calcutta, 251–409.
250. Mathew R (2000) Insecta: Hymenoptera: Formicidae. State Fauna Series, Fauna of Tripura, Zoological Survey of India 7(3): 347–354.
251. Menozzi C (1929) A new species of *Camponotus* belonging to the subgenus *Ortho-notomyrmex*, Ashm. (Hymenoptera). *Annals and Magazine of Natural History* (10)4: 430–433. doi: 10.1080/00222932908673076
252. Menozzi C (1934) Reperti mirmecofaunistici raccolti dal Prof. L di Caporiacco nelle oasi di Cufra e in altre localita del deserto Libico. *Atti della Societa dei Naturalisti e Matematici di Modena* 65: 153–166.
253. Moffett MW (1985) Revision of the genus *Myrmoterax*. *Bulletin of the Museum of Comparative Zoology* 151: 1–53.
254. Mohanraj P, Ali M, Veerakumari K (2010) Formicidae of the Andaman and Nicobar Islands (Indian Ocean: Bay of Bengal). *Journal of Insect Science* 10: 172. doi: 10.1673/031.010.14132
255. Mukerjee D (1930) Report on a collection of ants in the Indian Museum, Calcutta. *Journal of the Bombay Natural History Society* 34: 149–163.
256. Mukerjee D (1934) Entomological investigations on the spike disease of sandal (22). Formicidae (Hymen.). *Indian Forest Records Entomology Series* 20 5: 1–15.
257. Mukherji D, Ribeiro S (1925) On a collection of ants (Formicidae) from the Andaman Islands. *Records of the Indian Museum* 27: 205–209.
258. Murase K, So I, Bharti H, Fukita M, Terayama M, Yamane S (2010) Ant diversity in urban environments in subtropical area: *Camponotus compressus* occupied three urban parks in New Delhi, India. *Bulletin of the Institute of Natural Sciences, Senshu University* 41: 11–12.
259. Museum of Comparative Zoology, Harvard University (data collected from GBIF, <http://www.gbif.org/>)

260. Musthak Ali TM (1982) Ant fauna (Hymenoptera: Formicidae) of Bangalore with observations on their nesting and foraging habits. Thesis Abstracts. Haryana Agricultural University 8: 370–371.
261. Musthak Ali TM (1991) Ant Fauna of Karnataka-1. Newsletter of IUSSI Indian Chapter 5(1–2): 1–8.
262. Musthak Ali TM (1992) Ant Fauna of Karnataka-2. Newsletter of IUSSI Indian Chapter 6(1–2): 1–9.
263. Nair VM (2011) First record of the ant, *Centromyrmex feae* Emery, 1889 (subfamily Ponerinae) from Mangalore district, Karnataka. Bugs R All (Newsletter of the Invertebrate Conservation & Information Network of South Asia) 17: 22.
264. Narendra A, Ramachandra TV (2008) Remote detection and distinction of ants using nest-site specific LISS-derived normalized difference vegetation index. Asian Myrmecology 2: 51–62.
265. Narendra A, Gibb H, Ali TM (2011) Structure of ant assemblages in Western Ghats, India: role of habitat, disturbance and introduced species. Insect Conservation and diversity 4(2): 132–141. doi: 10.1111/j.1752-4598.2010.00113.x
266. Naskar K, Raut SK (2014) Food searching and collection by the ants *Pheidole roberti* Forel. Discovery 13(32): 6–11.
267. Ogata K, Okido H (2007) Revision of the ant genus *Perissomyrmex* with notes on the phylogeny of the tribe Myrmecini. Memoirs of the American Entomological Institute 80: 352–369.
268. Onoyama K (1980) An introduction to the ant fauna of Japan, with a check list (Hymenoptera, Formicidae). Kontyu 48:195.
269. Parnashree M, Rupali K, Kumar TK, Jagmohan P (2014) Appraisal of biodiversity of insect fauna of Dumna Nature Reserve, Jabalpur (MP) using association index. International Journal of Life Sciences 2: 235–238.
270. Peeters C, Holldobler B (1995) Reproductive cooperation between queens and their mated workers: the complex life history of an ant with a valuable nest. Proceedings of the National Academy of Sciences of the United States of America 92(24): 10977–10979. doi: 10.1073/pnas.92.24.10977
271. Pisarski B (1962) Nouvelle espèce de *Cataglyphis* Forst. (Formicidae) de l'Inde. Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Biologiques 9: 515–516.
272. Pisarski B (1967) Fourmis (Hymenoptera: Formicidae) d'Afghanistan récoltées par Dr M Lindberg MK. Annales Zoologici (Warsaw) 24: 375–425.
273. Presty J, Karmaly KA (2014) New records of three species of genus *Pheidole* Westwood (Hymenoptera: Formicidae) from Kerala. Journal of Zoology Studies 1(6): 01–10.
274. Presty J, Karmaly KA (2014) Systematics, distribution and ecology of big headed ant, *Pheidole sharpi sharpi* Forel (Hymenoptera: Formicidae) of Kerala. Journal of Entomology and Zoology Studies 2(5): 7–10.
275. Presty J, Karmaly KA (2012) Taxonomic redescription of *Messor himalayanus* Forel (Hymenoptera: Formicidae), new report from South India. Journal of Environmental Science, Toxicology and Food Technology 1(1): 19–21.

276. Radchenko A (2003) *Perissomyrmex nepalensis* sp. nov.- new evidence of Old World origins for the genus (Hymenoptera, Formicidae). *Entomologica Basiliensia* 25: 13–22.
277. Radchenko AG (1997) Review of the ants of *scabriceps* group of the genus *Monomorium* Mayr (Hymenoptera, Formicidae). *Annales Zoologici* (Warsaw) 46: 211–224.
278. Radchenko AG, Elmes GW (1998) Taxonomic revision of the *ritae* species-group of the genus *Myrmica* (Hymenoptera, Formicidae). *Vestnik Zoologii* 32(4): 3–27.
279. Radchenko AG, Elmes GW (1999) Ten new species of *Myrmica* (Hymenoptera, Formicidae) from the Himalaya. *Vestnik Zoologii* 33(3): 27–46.
280. Radchenko AG, Elmes GW (2001) A taxonomic revision of the ant genus *Myrmica* Latreille, 1804 from the Himalaya (Hymenoptera, Formicidae). *Entomologica Basiliensia* 23: 237–276.
281. Radchenko AG, Elmes GW (2002) First descriptions of the sexual forms of seven Himalayan *Myrmica* species (Hymenoptera, Formicidae). *Vestnik Zoologii* 36(5): 35–46.
282. Radchenko AG, Elmes GW (2003) A taxonomic revision of the socially parasitic *Myrmica* ants (Hymenoptera: Formicidae) of the Palaearctic region. *Annales Zoologici* (Warsaw) 53: 217–243.
283. Radchenko AG, Elmes GW (2010) *Myrmica* ants (Hymenoptera: Formicidae) of the Old World. *Fauna Mundi* 3. Natura Optima Dux Foundation, Warsaw, 790 pp.
284. Radchenko AG, Elmes GW (2009) Taxonomic revision of the *pachei* species-group of the genus *Myrmica* Latreille (Hymenoptera: Formicidae). *Annales Zoologici* (Warsaw) 59: 67–92. doi: 10.3161/000345409X432592
285. Radchenko AG (1997) Review of the ants of *scabriceps* group of the genus *Monomorium* Mayr. *Annales Zoologici*, Warszawa 46: 211–224.
286. Rajagopal T, Sevarkodiyone SP, Manimozhi A (2005) Ant diversity in some selected localities of Sattur Taluk, Virudhunagar district, Tamil Nadu. *Zoos' Print Journal* 20(6): 1887–1888. doi: 10.11609/JoTT.ZPJ.1091.1887-8
287. Rajan PD, Zacharias M, Mustak Ali TM (2006) Insecta: Hymenoptera: Formicidae. *Fauna of Biligiri Rangaswamy Temple Wildlife Sanctuary* (Karnataka). *Conservation Area Series, Zoological Survey of India*. i-iv, 27: 153–188.
288. Ramachandra TV, Subash Chandran MD, Joshi NV, Narendra A, Ali TM (2012) Ant species composition and diversity in the Sharavathi Rivers basin, central Western Ghats. *Sahyadri Conservation Series 3, ENVIS Technical Report 20*, 51 pp.
289. Ramesh TK, Hussain J, Satpathy KK, Selvanayagam M, Prasad MVR (2010) Diversity, distribution and species composition of ants fauna at Department of Atomic Energy (DAE) Campus Kalpakkam, South India. *World Journal of Zoology* 5 (1): 56–65.
290. Ran H, Zhou SY (2013) Checklist of Chinese Ants: Formicomorph Subfamilies (Hymenoptera: Formicidae) (III). *Journal of Guangxi Normal University: Natural Science Edition* 31(1): 104–111.
291. Ranganathan Y, Borges RM (2009) Predatory and trophobiont-tending ants respond differently to fig and fig wasp volatiles. *Animal Behaviour* 77(6): 1539–1545. doi: 10.1016/j.anbehav.2009.03.010
292. Rastogi N (2000) Prey concealment and spatiotemporal patrolling behaviour of the Indian tree ant *Oecophylla smaragdina* (Fabricius). *Insectes Sociaux* 47: 92–93. doi: 10.1007/s000400050014

293. Regupathy A, Ayyasamy R (2011) Ants if biofuel, *Jatropha* ecosystem: pollination and phoresy. *Hexapoda* 18(2): 168–175.
294. Rickson FR, Rickson MM (1998) The cashew nut, *Anacardium occidentale* (Anacardiaceae), and its perennial association with ants: extrafloral nectary location and the potential for ant defense. *American Journal of Botany* 85(6): 835–849. doi: 10.2307/2446419
295. Rigato F (1994) Revision of the myrmicine ant genus *Lophomyrmex*, with a review of its taxonomic position (Hymenoptera: Formicidae). *Systematic Entomology* 19: 47–60. doi: 10.1111/j.1365-3113.1994.tb00578.x
296. Rigato F, Bolton B (2001) The ant genus *Liomyrmex*: a review (Hymenoptera Formicidae). *Bollettino della Società Entomologica Italiana* 133: 247–256.
297. Robson Simon Ant Collection (Pers. Comm.) [downloaded on September 05th 2014]
298. Roonwal ML (1976) Plant-pest status of root-eating ant, *Dorylus orientalis*, with notes on taxonomy, distribution and habits (Insecta: Hymenoptera). *Journal of the Bombay Natural History Society* 72: 305–313.
299. Rothney GAJ (1889) Notes on Indian ants. *Transactions of the Entomological Society of London* 1889: 347–374.
300. Rothney GAJ (1903) The aculeate Hymenoptera of Barrackpore, Bengal. *Transactions of the Entomological Society of London* 1903: 93–116. doi: 10.1111/j.1365-2311.1903.tb01128.x
301. Sabu TK, Vineesh PJ, Vinod KV (2008) Diversity of forest litter-inhabiting ants along elevations in the Wayanad region of the Western Ghats. *Journal of Insect Science* 8: 69. doi: 10.1673/031.008.6901
302. Santschi F (1920) Fourmis d’Indo-Chine. *Annales de la Société Entomologique de Belgique* 60: 158–176.
303. Santschi F (1924) Fourmis d’Indochine. *Opuscles de l’Institut Scientifique de l’Indochine* 3: 95–117
304. Santschi F (1928) Fourmis de Sumatra, récoltées par Mr. Corporaal JB. *Tijdschrift voor Entomologie* 71: 119–140.
305. Saranya S, Anu A, Gigi JK, Shaju T (2013) A study on the ant diversity (Hymenoptera: Formicidae) of Periyar Tiger Reserve in South Western Ghats. *The Indian Forester* 139(10): 936–942.
306. Savitha S, Barve N, Davidar P (2008) Response of ants to disturbance gradients in and around Bangalore, India. *Tropical Ecology* 49(2): 235–243.
307. Schödl S (1998) Taxonomic revision of Oriental *Meranoplus* F Smith, 1853 (Insecta: Hymenoptera: Formicidae: Myrmicinae). *Annalen des Naturhistorischen Museums in Wien. B, Botanik, Zoologie* 100: 361–394.
308. Schulz A (1997) *Leptothorax nordmeyeri*, spec. nov., an interesting ant of subtropical India. *Spixiana* 20: 303–308.
309. Seifert B (1992) A taxonomic revision of the Palaearctic members of the ant subgenus *Lasius* s.str. (Hymenoptera: Formicidae). *Abhandlungen und Berichte des Naturkundemuseums Görlitz* 66(5): 1–67.

310. Seifert B (2003) The ant genus *Cardiocondyla* (Insecta: Hymenoptera: Formicidae) - a taxonomic revision of the *C. elegans*, *C. bulgarica*, *C. batesii*, *C. nuda*, *C. shuckardi*, *C. stambuloffii*, *C. wroughtonii*, *C. emeryi*, and *C. minutior* species groups. *Annalen des Naturhistorischen Museums in Wien. B, Botanik, Zoologie* 104: 203–338.
311. Seifert B, Schultz R (2009) A taxonomic revision of the *Formica rufibarbis* Fabricius, 1793 group (Hymenoptera: Formicidae). *Myrmecological News* 12: 255–272.
312. Seifert B, Schultz R (2009) A taxonomic revision of the *Formica subpilosa* Ruzsky, 1902 group (Hymenoptera: Formicidae). *Myrmecological News* 12: 67–83.
313. Seifert B (2004) “The “Black Bog Ant” *Formica picea* Nylander, 1846 a species different from *Formica candida* Smith, 1878 (Hymenoptera: Formicidae). *Myrmecologische Nachrichten* 6: 29–38.
314. Sharaf MR, Aldawood A, Taylor B (2011) The formicine ant genus *Plagiolepis* Mayr (Hymenoptera: Formicidae) in the Arabian Peninsula, with description of two new species. *Transactions of the American Entomological Society* 137(1+2): 203–215. doi: 10.3157/061.137.0113
315. Shattuck SO (1994) Taxonomic catalog of the ant subfamilies Aneuretinae and Dolichoderinae (Hymenoptera: Formicidae). University of California Publications in Entomology 112: i-xix, 1–241.
316. Shattuck SO, Slipinska E (2012) Revision of the Australian species of the ant genus *Anochetus* (Hymenoptera: Formicidae). *Zootaxa* 3426: 1–28.
317. Shattuck SO, Barnett NJ (2007) Revision of the ant genus *Mayriella*. *Memoirs of the American Entomological Institute* 80: 437–458.
318. Shattuck SO (2008) Review of the ant genus – *Aenictus* - (Hymenoptera: Formicidae) in Australia with notes on *-A. ceylonicus* (Mayr). *Zootaxa* 1926:1–19.
319. Sheela S (2008) Handbook of Hymenoptera, Formicidae. Zoological Survey of India, 56 pp.
320. Sheela S (2008) First record of the rare ant *Paratopula ceylonica* Wheeler (Hymenoptera: Formicidae) from Uttar Pradesh, India with a note to the genus. *Journal of Experimental Zoology, India* 11(2): 423–425.
321. Sheela S, Ghosh SN (2009) A new species of *Lophomyrmex* Emery (Hymenoptera: Formicidae) from India with a key to Indian species. *Biosystematica* 2(2): 17–20.
322. Sheela S, Narendran TC (1997) A new genus and a new species of Myrmicinae (Hymenoptera: Formicidae) from India. *Journal of Ecobiology* 9: 87–91.
323. Sheela S, Narendran TC (1998) A new species of the genus *Paratopula* Wheeler (Hymenoptera: Formicidae) from India. *Geobios new Reports* 17: 23–26
324. Sheela ST, Narendran C, Tiwari RN (2000) Redescription of a little known myrmicine ant *Recurvidris recurvispinosa* (Forel) (Hymenoptera: Formicidae). *Records of the Zoological Survey of India* 98: 93–98.
325. Sheela S, Narendran TC (1998) On five new species of *Tetramorium* (Hymenoptera: Formicidae: Myrmicinae) from India. *Entomon* 23: 37–44.
326. Shukla RK, Singh H, Rastogi N, Agarwal VM (2013) Impact of abundant Pheidole ant species on soil nutrients in relation to the food biology of the species. *Applied Soil Ecology* 71: 15–23. doi: 10.1016/j.apsoil.2013.05.002

327. Sinu PA, Nasser M, Rajan PD (2006) Feeding fauna and foraging habits of tiger beetles found in agro-ecosystems in Western Ghats, India. *Biotropica* 38(4): 500–507. doi: 10.1111/j.1744-7429.2006.00174.x
328. Smith MR (1949) A new genus and species of ant from India (Hymenoptera: Formicidae). *Journal of the New York Entomological Society* 56: 205–208.
329. Sureh PV, Sudheendrakumar VV, Binoy CF, Mathew G, Narendran TC (1999) The macro Hymenopteran fauna of Parambikulam wildlife Sanctuary. *Zoos' Print Journal* 14(4): 1–2. doi: 10.11609/JoTT.ZPJ.14.4.1-2
330. Sykes WH (1835) Descriptions of new species of Indian ants. *Transactions of the Entomological Society of London* 1: 99–107. doi: 10.1111/j.1365-2311.1838.tb00149.x
331. Tak N (1995) Studies on ants (Formicidae) of Rajasthan - 1 Jodhpur. *Hexapoda* 7(1): 17–28.
332. Tak N (2000) Studies on ants (Formicidae) of Rajasthan - III. Banswara. *Entomon* 25: 97–101.
333. Tak N (2000) Studies on ants (Formicidae) of Rajasthan–II Dungarpur. *Entomon* 25: 47–54.
334. Tak N (2008) Ants of Rajasthan. *Conserving Biodiversity of Rajasthan Zool. Surv. India* 149–155.
335. Tak N (2009) Ants Formicidae of Rajasthan. *Records of the Zoological Survey of India, Occasional Paper No. 288, iv, 46 pp.*
336. Tak N (2009) Insecta: Hymenoptera: Formicidae. *Faunal Resources of Tal Chhapar Wildlife sanctuary. Conservation Area Series* 38: 23–28.
337. Tak N (2010) Insecta: Hymenoptera: Formicidae. *Zool. Surv. India, Fauna of Ranthambore National Park, Conservation Area Series* 43: 133–144.
338. Tak N, Rathore NS (1996) Ant (Formicidae) fauna of the Thar Desert. Pp. 271–276 in: Ghosh AK, Baqri QH, Prakash I (Eds) 1996. *Faunal diversity in the Thar Desert: gaps in research.* Jodhpur: Scientific Publishers, xi + 410 pp.
339. Tak N, Rathore NS (2004) Insecta: Hymenoptera. Rathore NS *Fauna of Desert National Park Rajasthan (proposed biosphere reserve). Conservation Area Series* 19, *Zoological Survey of India.* 1–135. Chapter pagination: 81–84.
340. Tak N, Rathore NS (2004) Insecta: Hymenoptera: Formicidae. *State Fauna Series* 8: *Fauna of Gujarat. Zoological Survey of India,* 161–183.
341. Tak N, Rathore NS (2008) Insecta: Hymenoptera: Formicidae. *Fauna of Pin Valley National Park. Conservation Area Series, Zoological Survey of India* 34: 53–60.
342. Tak N, Kazmi SL (2011) On a collection of Insecta: Hymenoptera: Formicidae from Uttarakhand. *Records of the Zoological Survey of India* 111(2): 39–49.
343. Tak N, Rathore NS, Kumar S (2007) Insecta: Hymenoptera. *Fauna of Pichhola lake (Rajasthan). Wetland Ecosystem series. Zoological Survey of India.* 8: 127–130.
344. Tak N (2009) Ants (Hymenoptera: Formicidae) of the Thar Desert of Rajasthan and Gujarat. in C Sivaperuman et al. (Eds) *Faunal Ecology and Conservation of the Great Indian Desert.* doi: 10.1007/978-3-540-87409-6_4
345. Taylor RW (1987) A checklist of the ants of Australia, New Caledonia and New Zealand (Hymenoptera: Formicidae). *CSIRO (Commonwealth Scientific and Industrial Research Organization) Division of Entomology Report* 41: 1–92.

346. Taylor RW (2012) Ants of the genus *Lordomyrma* Emery (2) The Japanese *L. azumai* (Santschi) and six new species from India, Viet Nam and the Philippines (Hymenoptera: Formicidae: Myrmicinae). *Zootaxa* 3282:45–60.
347. Terayama M, Yamane S (1989) The army ant genus *Aenictus* – (Hymenoptera, Formicidae) from Sumatra, with descriptions of three new species. *Japanese Journal of Entomology* 57: 597–603.
348. Thapa VK (2000) An Inventory of Nepal's Insects, Vol. III. IUCN Nepal, Kathmandu, xi + 475 pp.
349. Thomas SK, Aswathi P (2012) Potential of rubber litter dwelling ants as biocontrol agent of home invading nuisance pest, *Luprops tristis*. *Jbiopest* 5: 188–191.
350. Tiwari RN (1994) Two new species of a little known genus *Myrmecina* Curtis from Kerala, India. *Records of the Zoological Survey of India* 94: 151–158.
351. Tiwari RN (1997) Hymenoptera: Formicidae. In: *Zoological Survey of India; Director (Ed.) 1997. Fauna of Delhi. Zoological Survey of India, Calcutta, 441–451.*
352. Tiwari RN (1999) Taxonomic studies on ants of southern India (Insecta: Hymenoptera: Formicidae). *Memoirs of the Zoological Survey of India* 18(4): 1–96.
353. Tiwari RN, Jonathan JK (1986) A new species of *Liomyrmex* Mayr from Andaman Islands (Hymenoptera: Formicidae). *Records of the Zoological. Survey of India* 83: 87–90.
354. Tiwari RN, Jonathan JK (1986) A new species of *Metapone* Forel from Nicobar Islands (Hymenoptera: Formicidae: Myrmicinae). *Records of the Zoological Survey of India* 83: 149–153.
355. Tiwari RN, Kundu BG, Roy Chowdhury S, Ghosh SN (2003) Insecta: Hymenoptera: Formicidae. *Fauna of Sikkim. Part 4. State Fauna Series. (9) Zoological Survey of India* i-iii, 1–512. Chapter pagination: 467–506.
356. Tiwari RN, Kundu BG, Roy Chowdhury S, Ghosh SN (1999) Insecta: Hymenoptera: Formicidae. In: *Director; Zoological Survey of India (Ed.) 1999. Fauna of West Bengal. Part 8. Insecta (Trichoptera, Thysanoptera, Neuroptera, Hymenoptera and Anoplura). Zoological Survey of India, Calcutta, 211–294.*
357. Tiwari RN, Kundu BG, Sheela S, Ghosh SN (2004) Insecta: Hymenoptera: Formicidae. Alfred, J.R.B. [Ed.], *Fauna of Manipur, part - 2 (insects). State fauna series 10. Zoological Survey of India. i-v, 1–625. Chapter pagination: 605–625.*
358. Tiwary RN, Maiti PK (1976) Some new records of ants from Arunachal Pradesh (Hymenoptera: Formicidae). *Newsletter Zoological Survey of India* 2(2): 49–50.
359. Tiwary RN, Guha DK, Maiti PK (1977) New records of Ponerine ants from Arunachal Pradesh (Hymenoptera: Formicidae). *Newsletter Zoological Survey of India* 3(3): 49–50
360. Triplehorn Insect Collection (OSUC), Ohio State University (data collected from GBIF, <http://www.gbif.org/>)
361. Varghese T (2004) Record of *Strumigenys emmae* (Emery) (Formicidae: Myrmicinae) from Bangalore, Karnataka and a key to Indian species. *Journal of the Bombay Natural History Society* 101: 170–171.
362. Varghese T (2004) Taxonomic studies on ant genera of the Indian Institute of Science campus with notes on their nesting habits. In: Rajmohana K, Sudheer K, Girish Kumar

- P, Santhosh S (Eds) 2004. Perspectives on biosystematics and biodiversity. Prof. T.C. Narendran commemoration volume. Kerala: Systematic Entomology Research Scholars Association, 485–502.
363. Varghese T (2006) A new species of the ant genus *Dilobocondyla*, (Hymenoptera: Formicidae) from India, with notes on its nesting behavior. *Oriental Insects* 40: 23–32. doi: 10.1080/00305316.2006.10417454
364. Varghese T (2006) Description of a new species of the ponerine ant genus, *Emeryopone* (Hymenoptera: Formicidae) from Karnataka, India. *Biospectra* 1: 89–92.
365. Vedham K, Nair P, Varghese T, Royappa G, Kolatkar M, Gadagkar R (2003) Contribution to the Biology of the queenless Ponerine ant, *Diacamma ceylonense*, Emery (Hymenoptera, Formicidae). *Journal of the Bombay Natural History Society* 100: 533–543.
366. Viehmeyer H (1914) Neue und unvollständig bekannte Ameisen der alten Welt. *Archiv für Naturgeschichte (A)* 79(12): 24–60.
367. Viehmeyer H (1916) Ameisen von den Philippinen und anderer Herkunft (Hym.). *Entomologische Mitteilungen. Berlin-Dahlem* 5: 283–291.
368. Viginier B, Peeters C, Brazier L, Doums C (2004) Very low genetic variability in the Indian queenless ant *Diacamma indicum*. *Molecular Biology* 13: 2095–2100. doi: 10.1111/j.1365-294x.2004.02201.x
369. Vineesh PJ, Sabu KT, Karmaly KA (2007) Community structure and functional group classification of litter ants in the montane evergreen and deciduous forest of Wayanad region of Western Gats, southern India. *Oriental Insects* 41: 427–442. doi: 10.1080/00305316.2007.10417526
370. Wachkoo AA, Bharti H (2015) Taxonomy and distribution of the ant *Cataglyphis setipes* (Hymenoptera: Formicidae). *Biodiversity Data Journal* 3: e4447. doi: 10.3897/BDJ.3.e4447
371. Wachkoo AA, Bharti H (2014) First description of the worker caste of *Nylanderia smythiesii* (Hymenoptera: Formicidae). *Biodiversity Data Journal* 2: e1163 doi: 10.3897/BDJ.2.e1163
372. Wachkoo AA, Bharti H (2014) Two new species of *Pseudolasius* (Hymenoptera: Formicidae) from India. *Sociobiology* 61(3): 274–280. doi: 10.13102/sociobiology.v61i3.274-280
373. Ward PS (2001) Taxonomy, phylogeny and biogeography of the ant genus *Tetraponera* (Hymenoptera: Formicidae) in the Oriental and Australian regions. *Invertebrate Taxonomy* 15: 589–665. doi: 10.1071/IT01001
374. Ward PS, Downie DA (2005) The ant subfamily Pseudomyrmecinae: phylogeny and evolution of big-eyed arboreal ants. *Systematic Entomology* 30: 310–335. doi: 10.1111/j.1365-3113.2004.00281.x
375. Weber NA (1947) A revision of the North American ants of the genus *Myrmica* Latreille with a synopsis of the Palearctic species. I. *Annals of the Entomological Society of America* 40: 437–474. doi: 10.1093/aesa/40.3.437
376. Weber NA (1950) A revision of the North American ants of the genus *Myrmica* Latreille with a synopsis of the Palearctic species. III. *Annals of the Entomological Society of America* 43: 189–226. doi: 10.1093/aesa/43.2.189

377. Wetterer JK (2014) Worldwide spread of the lesser sneaking ant, *Cardiocondyla minutior* (Hymenoptera: Formicidae). Florida Entomologist 97(2): 567–574. doi: 10.1653/024.097.0231
378. Wetterer JK (2005) Worldwide distribution and potential spread of the long-legged ant, *Anoplolepis gracilipes* (Hymenoptera: Formicidae). Sociobiology 45: 77–97.
379. Wetterer JK (2013) Geographic spread of the samsum or sword ant, *Pachycondyla (Brachyponera) sennaarensis* (Hymenoptera: Formicidae). Myrmecological News 18: 13–18.
380. Wetterer JK (2014) Worldwide spread of Alluaud's little yellow ant, *Plagiolepis alluaudi* (Hymenoptera: Formicidae). Myrmecological News 19: 1–7.
381. Wheeler WM (1913) A revision of the ants of the genus *Formica* (Linné) Mayr. Bulletin of the Museum of Comparative Zoology 53: 379–565.
382. Wheeler WM (1913) Zoological results of the Abor Expedition, 1911–1912, XVII. Hymenoptera, II: Ants (Formicidae). Records of the Indian Museum 8: 233–237.
383. Wheeler WM (1919) The ants of Borneo. Bulletin of the Museum of Comparative Zoology 63: 43–147.
384. Wheeler WM (1921) Chinese ants. Bulletin of the Museum of Comparative Zoology 64: 529–547.
385. Wheeler WM (1922) Ants of the American Museum Congo expedition. A contribution to the myrmecology of Africa. IX. A synonymic list of the ants of the Malagasy region. Bulletin of the American Museum of Natural History 45: 1005–1055.
386. Wheeler WM (1922) Ants of the American Museum Congo expedition. A contribution to the myrmecology of Africa. VIII. A synonymic list of the ants of the Ethiopian region. Bulletin of the American Museum of Natural History 45: 711–1004.
387. Wheeler WM (1924) Hymenoptera of the Siju Cave, Garo Hills, Assam. I *Triglyphothrix striadens* Emery as a cave ant. Records of the Indian Museum 26: 123–124.
388. Wheeler WM (1927) Chinese ants collected by Professor S F. Light and Professor N Gist Gee. American Museum Novitates 255: 1–12.
389. Wheeler WM (1928) *Zatapinoma*, a new genus of ants from India. Proceedings of the New England Zoological Club 10: 19–23.
390. Wheeler WM (1929) Some ants from China and Manchuria. American Museum Novitates 361: 1–11.
391. Wheeler WM (1930) A list of the known Chinese ants. Peking Natural History Bulletin 5: 53–81.
392. Wheeler WM (1933) Three obscure genera of ponerine ants. American Museum Novitates 672: 1–23.
393. Wheeler WM, Chapman, JW (1925) The ants of the Philippine Islands. Part I, Dorylinae and Ponerinae. Philipp. Sci J 28: 47–73.
394. Wilson EO (1955) A monographic revision of the ant genus *Lasius*. Bulletin of the Museum of Comparative Zoology 113: 1–201
395. Wilson EO (1958) Studies on the ant fauna of Melanesia III. *Rhytidoponera* in western Melanesia and the Moluccas. IV. The tribe Ponerini. Bulletin of the Museum of Comparative Zoology 119: 303–371.

396. Wilson EO (1958) Studies on the ant fauna of Melanesia. I The tribe Leptogenyini. II. The tribes Amblyoponini and Platythyreini. Bulletin of the Museum of Comparative Zoology 118: 101–153.
397. Wilson EO (1959) Studies on the ant fauna of Melanesia V The tribe Odontomachini. Bulletin of the Museum of Comparative Zoology 120: 483–510.
398. Wilson EO (1962) The Trinidad cave ant *Erebomyrma* (= *Spelaeomyrmex*) *urichi* (Wheeler), with a comment on cavernicolous ants in general. Psyche (Cambridge) 69: 62–72. doi: 10.1155/1962/54863
399. Wilson EO (1964) The true army ants of the Indo-Australian area (Hymenoptera: Formicidae: Dorylinae). Pacific Insects 6: 427–483.
400. Wilson EO (1984) Tropical social parasites in the ant genus *Pheidole*, with an analysis of the anatomical parasitic syndrome (Hymenoptera: Formicidae). Insectes Sociaux 31: 316–334. doi: 10.1007/BF02223615
401. Xu Z, Du Y, Yang B (1998) Seven species of the ant genus *Pheidole* Westwood newly recorded in China (Hymenoptera: Formicidae). Journal of Southwest Forestry College 18: 227–235.
402. Yoshimura M, Fisher BL (2014) A revision of the ant genus *Mystridium* in the Malagasy region with description of six new species and remarks on *Amblyopone* and *Stigmatomma* (Hymenoptera, Formicidae, Amblyoponinae). ZooKeys 394: 1–99. doi: 10.3897/zookeys.394.6446
403. Yoshimura M, Onoyama K, Ogata K (2007) The ants of the genus –*Odontomachus*– (Insecta: Hymenoptera: Formicidae) in Japan. Species Diversity 12: 89–112.
404. Zacharias M, Rajan PD (2004) *Vombisidris humboldticola* (Hymenoptera: Formicidae): a new arboreal ant species from an Indian ant plant. Current Science (Bangalore) 87(10): 1337–1338
405. Zacharias M, Rajan PD (2004) *Discothyrea sringerensis* (Hymenoptera: Formicidae) a new ant species from India. Zootaxa 484: 1–4
406. Zettel H, Laciny A (2015) Contributions to the taxonomy of the ant genus *Echinopla* Smith, 1857 (Hymenoptera, Formicidae). Deutsche Entomologische Zeitschrift 62(1): 101–121. doi: 10.3897/dez.62.5093
407. Zhou S, Chen Y, Chen Z, Zhou P, Ban D, Huang M (2012) Two new species of the genus *Leptogenys* from Guangxi, China (Hymenoptera: Formicidae). Sociobiology 59: 885–892.
408. Pajni HR, Suri RK (1978) First report on the Formicid fauna (Hymenoptera) of Chandigarh. Res. Bull. (Science) Punjab University 29: 5–12.
409. Bharti H, Akbar SA, Singh J (2015) *Discothyrea periyarensis* sp. n., a new proceratiine ant species (Hymenoptera: Formicidae: Proceratiinae) from India. Caucasian Entomological Bulletin 11(1): 121–124.
410. Baidya P (2013) Ant diversity at selected locations of Sanquelim and behavioral studies in *Oecophylla*. Government College of Arts, Science and Commerce, Sanquelim, 63 pp.
411. Baidya P (2015) Ants (Hymenoptera: Formicidae) diversity of Mhadei wildlife sanctuary, Goa. Goa Forest Department Report, 14 pp.

412. Baidya P (2015) Ants (Hymenoptera: Formicidae) of Surla Plateau, a high elevation tabletop in Mhadei wildlife sanctuary - Goa. Master of Science in Ecology and Environmental Sciences. Pondicherry University, 65 pp.
413. Bharti H, Rilta JS (2015) A new species and a new record of the ant genus *Stigmatomma* Roger (Hymenoptera: Formicidae) from India. *Sociobiology* 62 (4): in press.
414. Bharti H, Rilta JS (2015) Taxonomic studies on the ant genus *Ponera* Latreille, 1804 (Hymenoptera, Formicidae), with the description of a new species from India. *ZooKeys* 526: 9–18. doi: 10.3897/zookeys.526.5971
415. Parui AK, Chatterjee S, Basu P (2015) Habitat characteristics shaping ant species assemblages in a mixed deciduous forest in eastern India. *Journal of Tropical Ecology* 31: 267–280. doi: 10.1017/S0266467415000036
416. Bingham CT (1903) The fauna of British India, including Ceylon and Burma. Hymenoptera. Vol. 2: Ants and Cuckoo-Wasps. London: Taylor and Francis, 506 pages.
417. Akbar S, Bharti H (2015) First verified record of the ant genus *Calptomyrmex* (Hymenoptera: Formicidae) from India, along with a revised key to known Indomalayan species. *Biodiversity Data Journal* 3: e5420. doi: 10.3897/BDJ.3.e5420