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## Faunal diversity of orb-weaver spiders (Araneidae: Araneomorphae: Araneae: Arachnida) in India

Singh Rajendra<sup>1</sup> and Singh Garima<sup>2\*</sup>

<sup>1</sup> Department of Zoology, Deendayal Upadhyay University of Gorakhpur, U.P, India

<sup>2</sup> Department of Zoology, University of Rajasthan, Jaipur, Rajasthan, India

\*Corresponding author

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**Abstract:** This review deals with the species diversity of the orb-weaving spiders (Araneidae: Araneae: Arachnida) in different states of India and the union territories. A total of 256 species belonging to 49 genera of Araneidae were recorded in all states and the union territories of India except for Dadra & Nagar Haveli and Daman & Diu, out of which 99 species (38.4%) were strictly endemic. Two genera of orb-weaver spiders are highly speciose, e.g. *Araneus* Clerck, 1757 (39 species) and *Neoscona* Simon, 1864 (36 species). About 119 species of these orb-weaver spiders were recorded from Maharashtra followed by 91 species from West Bengal, 81 species from Kerala, 79 species from Karnataka, 75 species from Gujarat, 71 species from Tamil Nadu, 65 species from Assam, 63 species from Uttar Pradesh, 58 species from Uttarakhand, 57 species from Madhya Pradesh, 47 species each from Odisha and Jammu and Kashmir, 41 species from Meghalaya, 34 species from Chhattisgarh, 32 species from Goa, 31 species from Rajasthan, 29 species from Andaman and Nicobar Islands, 27 species from Andhra Pradesh, 24 species from Sikkim, 21 species each from Arunachal Pradesh, Mizoram and Tripura, and less than 20 species were recorded from other states and union territories. Seven species are distributed in more than 20 states and union territories, viz. *Argiope pulchella* Thorell, 1881 (23 states, 3 union territories); *Nephila pilipes* (Fabricius, 1793) (24 states, 2 union territory); *Neoscona mokerjei* Tikader, 1980 (23 states, 1 union territory); *Neoscona theisi* (Walckenaer, 1837) (21 states, 3 union territories); *Araneus mitificus* (Simon, 1886) (21 states, 3 union territories); *Argiope aemula* (Walckenaer, 1837) (21 states, 2 union territories) and *Eriovixia excelsa* (Simon, 1889) (20 states, 2 union territories). Several species of Araneidae reported from India are recorded only from one state or from the type locality. Hence, intensive and extensive faunistic surveys for these spiders are required throughout the country.

**Keywords:** Araneidae, Checklist, Faunal distribution, Orb-weaving spiders, India

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### Introduction

Spider is the common name of the arthropods belonging to the order Araneae. They are undoubtedly enthralling, despite the bad opinion of the public against them. They are an extremely valuable part of the balance of the earth ecosystem as they not only engulf lots of prey, mostly insects but also serve as a food

source for many carnivore animals and rarely pose any danger to humans (Nyffeler and Birkhofer, 2017). Their biology, prey capture techniques, silk production and web construction and ecology highly varied among families. Their biodiversity ranks seventh in global diversity (49,593 species, 4,220 genera,

129 families; WSC, 2021) after Coleoptera, Lepidoptera, Hymenoptera, Diptera, Hemiptera and Acari despite the limited diversity studies. India has a tropical climate with several biodiversity hotspots, still, only 1867 species belonging to 475 genera are listed by Caleb and Sankaran (2021). However, recent updates of the species distribution of 66 families of spiders demonstrated the existence of 2344 species of spiders under 596 genera (Table 1), yet a lot of diversities of spiders are yet to be discovered in India. Several species recorded in different states in India in recent years during faunal survey programmes seem to be misidentified.

Araneidae Clerck, 1757 is an araneomorph, entelegyne (females have a genital plate) and ecribellate (spin sticky seizure silk) spider family which occupy a wide range of habitats and inhabit terrestrial ecosystems all over the world except some high arctic areas, islands and archipelagos. These spiders are commonly known as the orb-weaver spiders as they build spiral wheel-shaped webs in the houses, gardens, tree branches, tall grasses, agricultural fields, and bushes. Presently, the family is the third-largest family with 3066 known species in 177 genera after Salticidae (6346 species, 658 genera) and Linyphiidae (4705 species, 620 genera) (WSC, 2021). The body size of these spiders ranges 2-30 mm. They have eight similar eyes arranged in two rows, the four middle eyes form a trapezoid shape and are slightly removed from the four lateral eyes which are next to each other (two on each side). They all have poor vision so find their prey through vibrations in the web. The legs are annulated, spiny or hairy with three claws, the third one is used to walk on the non-sticky part of the web. The prey is wrapped in silk before biting and/or stinging. Most of the orb-weaving spiders construct new sheet webs daily after consuming old ones, the webs are usually vertical, but few spin a horizontal web. They are typically nocturnal and most active during evening hours and hide themselves in the middle of the webs hanging upside down during the daytime. The shape of

the body in araneid spiders are highly variable, the abdomen is usually globose and nearly always with species-specific often bright colour patterns. The species of the genus *Gasteracantha* Sundevall, 1833 have very long, horn-like spines projecting from their abdomens. The web of *Argiope* Audouin, 1826 consists of a crisscross band of shining silk through the centre of the web, called stabilimentum which help to attract preys (Blackledge and Wenzel, 2000). Sexual dimorphism is common, females are usually much larger than males. Sexual cannibalism is common among araneids, males are usually devoured by the females after mating (Elgar, 1991). Stridulatory organs are absent. The morphology, ecology, habits and orb-weaving mechanism of Araneidae, in general, are described and illustrated by Tikader (1982) while the form and function of orb-webs are discussed by Blackledge *et al.* (2011). Recently, Scharff *et al.* (2020) and Kallal *et al.* (2020) studied the phylogeny of Araneidae and establish the monophyly of subfamilies and refuted the paraphyly of Araneidae implied by Kuntner *et al.* (2019).

Information regarding the Indian Araneidae is insufficient and highly incoherent primarily due to the unexplored diversity of these spiders in several parts of the country like other families of the spiders. There are several species of these spiders yet to be described and several species recorded from India have also been misidentified as they are said to be identified by using existing old literature without a re-examination of the corresponding type materials and without consulting any spider taxonomist. Hence, these reports need re-examination. At present the faunal survey results of orb-weaver spiders are all scattered in the literature and so far no updated consolidated account is available regarding their distribution pattern across the country. Therefore, this present compilation was carried out to make available an up-to-date checklist of distribution of Indian Araneidae like other families (Table 1) in different states and the union territories of India.

Table 1: Number of genera and species recorded in India

Families	Genus	Species	References
Agelenidae	7	19	Singh <i>et al.</i> , 2021a
Amaurobiidae	2	3	Singh <i>et al.</i> , 2021a
Anyphaenidae	1	1	Singh <i>et al.</i> , 2021a
Araneidae	49	258	Present article
Arkyidae	1	1	Singh <i>et al.</i> , 2021a
Atracidae	1	1	Subba Reddy, 2016
Atypidae	1	2	Singh and Singh, 2020
Barychelidae	5	12	Singh and Singh, 2020
Bemmeridae	2	3	Singh and Singh, 2020
Cheiracanthidae	2	38	Singh <i>et al.</i> , 2020a
Cithaeronidae	2	4	Singh <i>et al.</i> , 2021a
Clubionidae	3	36	Pandit, 2019; Pathak <i>et al.</i> , 2020; Singh BB <i>et al.</i> , 2020
Corinnidae	11	22	Gravely, 1931; Singh <i>et al.</i> , 2021a
Ctenidae	5	19	Singh BB <i>et al.</i> , 2020
Cybaeidae	1	1	Singh BB <i>et al.</i> , 2020
Deinopidae	2	3	Singh BB <i>et al.</i> , 2020
Desidae	1	2	Singh BB <i>et al.</i> , 2020
Dictynidae	9	17	Chandra <i>et al.</i> , 2021; Sharma <i>et al.</i> , 2021
Dipluridae	1	1	Lanka <i>et al.</i> , 2017
Dysderidae	1	1	Sharma <i>et al.</i> , 2021
Eresidae	1	5	Sharma <i>et al.</i> , 2021
Filistatidae	5	13	Sharma <i>et al.</i> , 2021
Gnaphosidae	36	176	Pickard-Cambridge, 1885; Singh and Singh, 2021a
Hahniidae	3	5	Singh <i>et al.</i> , 2020b
Halonoproctidae	2	5	Singh and Singh, 2020
Hersiliidae	3	16	Singh <i>et al.</i> , 2020b; Suraj and Parimala, 2020
Homalonychidae	1	1	Singh <i>et al.</i> , 2020b
Idiopidae	3	27	Pratihari and Das, 2020; Siliwal <i>et al.</i> , 2020; Singh and Singh, 2020
Ischnothelidae	2	4	Singh and Singh, 2020
Linyphiidae	39	94	Sharma <i>et al.</i> , 2020b
Liocranidae	5	27	Sharma <i>et al.</i> , 2020a
Lycosidae	23	151	Singh, 2021b
Macrothelidae	1	2	Singh and Singh, 2020
Mimetidae	3	4	Sharma <i>et al.</i> , 2020a
Miturgidae	2	2	Sharma <i>et al.</i> , 2020a
Nemesiidae	3	6	Gravely, 1921; Singh and Singh, 2020; Basumatary and Brahma, 2021

Nesticidae	1	1	Sharma <i>et al.</i> , 2020a
Oecobiidae	2	7	Sharma <i>et al.</i> , 2020a
Oonopidae	15	51	Tiwari <i>et al.</i> , 2021b
Oxyopidae	5	98	Pandit, 2019; Singh, 2021d
Palpimanidae	3	4	Tiwari <i>et al.</i> , 2021a
Philodromidae	8	52	Singh and Singh, 2021b
Pholcidae	12	20	Tiwari <i>et al.</i> , 2021c
Pimoidae	1	7	Tiwari <i>et al.</i> , 2021a; Lin <i>et al.</i> , 2021
Pisauridae	11	31	Pocock, 1900; Jäger, 2011; Tiwari and Singh, 2021
Psechridae	2	7	Tiwari <i>et al.</i> , 2021a
Psilodercidae	1	3	Tiwari <i>et al.</i> , 2021a
Salticidae	123	365	Das and Deb, 2020; Singh <i>et al.</i> , 2020c, d, e, f; Basumatary <i>et al.</i> , 2021; Prajapati <i>et al.</i> , 2021a, b; Singh <i>et al.</i> , 2021b; Tripathi <i>et al.</i> , 2021
Scytodidae	2	14	Singh BB <i>et al.</i> , 2021
Segestriidae	2	5	Tiwari <i>et al.</i> , 2021a
Selenopidae	2	8	Tiwari <i>et al.</i> , 2021a
Sicariidae	1	2	Tiwari <i>et al.</i> , 2021a
Sparassidae	19	97	Pocock, 1904; Kadam and Rajkumar, 2020; Singh, 2021c
Stenochilidae	1	3	Tiwari <i>et al.</i> , 2021a
Symphytognathidae	1	1	Tiwari <i>et al.</i> , 2021a
Tetrablemmidae	5	10	Tiwari <i>et al.</i> , 2021a
Tetragnathidae	17	81	Sebastian <i>et al.</i> , 2012; Singh, 2021a
Theraphosidae	13	65	Singh and Singh, 2020
Theridiidae	41	139	Singh, 2021e
Theridiosomatidae	1	1	Tiwari <i>et al.</i> , 2021a
Thomisidae	44	210	Singh and Singh, 2021c
Titanoecidae	3	10	Singh and Singh, 2021d
Trachelidae	3	7	Singh and Singh, 2021d
Trochanteriidae	1	5	Singh and Singh, 2021d
Uloboridae	5	30	Singh and Singh, 2021d
Zodariidae	12	32	Singh and Singh, 2021d
Total	596	2344	

## Materials and Methods

The present checklist is based on the published literature on spiders from India in books, book chapters, journals, proceedings, records of Zoological Survey of India (Kolkata), few authentic theses, websites, and World Species Catalog (WSC, 2021) up to July 25, 2021. Some references to the faunistic surveys by Indian authors were intensely omitted because of the

repetition of the location. Cross references regarding the distribution of orb-weaver spiders are avoided. In most of the literature published earlier and even in the recent ones, several errors have crept in their specific names. This cropped up because such information soon becomes obsolete as researches on spider taxonomy like other taxa are continued with the description of new taxa, their modified status,

and the publication of other nomenclatural decisions and clarifications. However, due to their perceived comprehension readers sometimes do not take into account recent sources of data. If a spider species is identified only up to a generic level, it was considered as species if no other species of that genus is reported within that state. In the present checklist, attempts have been made to correct the errors in the scientific names of the spiders following WSC (2021). Only those synonymies were given that were reported in India, for other synonymies, WSC (2021) should be consulted. Only those species were considered endemic that were exclusively found only in India and such species are marked with (\*). If the spider species is not endemic, its elsewhere distribution is also given following the WSC (2021) and other sources of literature. The checklist includes species in alphabetical order. For each species, authority, year and distribution details of species in different states and union territories along with relevant references are given.

## Results and Discussion

In India, most probably Fabricius was the first to describe an orb-weaver spider *Gasteracantha geminata* (Fabricius, 1798) from Tamil Nadu (Ramnad, now known as Ramanathapuram) (Sankaran *et al.*, 2015). After a long gap, several species of araneid spiders were either described or recorded in the 19<sup>th</sup> century by Blackwall (1864), Stoliczka (1869), Butler (1873), Pickard-Cambridge (1877, 1885), Simon (1885a, b, 1886, 1889, 1895), Thorell (1887, 1891, 1892) and Pocock (1900) from different parts of the country, mostly from southern states. Pocock (1900) listed and illustrated several species of araneid spiders known at that time from India.

At the beginning of the 20<sup>th</sup> century, Leardi in Airaghi (1902) described one species of orb-weaver spider, *Araneus liber* (Leardi in Airaghi, 1902) from Puducherry and recorded 11 species from the same region and 2 species from Uttarakhand (Leardi in Airaghi, 1901). Later, Simon (1906) described 4 species of orb-weaver

spiders (*Cyclosa tuberascens* Simon, 1906; *Neoscona achine* (Simon, 1906); *Neoscona odites* (Simon, 1906) and *Neoscona pavidata* (Simon, 1906)) from Himalayan plateaus and recorded a few more from Tamil Nadu and Puducherry. After a year, Strand (1907) described one more species, *Araneus decentellus* (Strand, 1907) from Karnataka. Later, Sherriffs (1919, 1929) recorded several species of orb-weaver spider from different parts of the country and described a species, *Cyrtophora ksudra* Scherriffs, 1928 from Karnataka. Similarly, Gravely (1921) described (*Araneus viridisomus* Gravely, 1921) and recorded several species from Odisha and Caporiacco (1935) recorded few species of crab spiders from Jammu and Kashmir.

Among the Indian authors, Sinha (1951) and Subramanian (1955) recorded several species of orb-weaver spider from Meghalaya and West Bengal, and Kerala, respectively. Tikader (1961a) was the first to describe a species of orb-weaver spider from West Bengal (*Cyrtarachne bengalensis*) and later he described and recorded several species of orb-weaver spider from different parts of the country (Tikader, 1961a, 1962, 1963a, b, c, 1966a, b, 1970, 1975, 1977, 1980, 1982). Later, several authors (Grasshoff, 1971; Sadana and Kaur, 1974; Patel, 1975a, b; Tikader and Bal, 1981; Tandon and Lal, 1983; Biswas, 1984, 1987; Patel and Pillai, 1988; Patel, 1988a, b; Patel and Reddy, 1990, 1993; Reddy and Patel, 1992a, b, 1993; Biswas and Biswas, 1992, 2004, 2006, 2007, 2010; Gajbe and Singh, 1994; Patel and Nigam, 1994; Biswas and Majumder, 1995, 2000; Gajbe, 1995a, b; Saha *et al.*, 1995, 2017; Thakur *et al.*, 1995; Ganesh Kumar and Velusamy, 1996; Kundu and Raychaudhuri, 1997; Hazarika and Chakraborti, 1998; Joseph *et al.*, 1998; Gajbe and Gajbe, 1999, 2000; Sivaperuman and Thiyakesan, 1999; Venkatraman and Kapoor, 1999; Srinivasulu, 2000) have described fifty species and recorded hundreds of orb-weaver spiders from several parts of India. In past, Tikader (1982) had nicely illustrated and documented the Araneidae of

India. In the present century, several workers have described 35 species of orb-weaver spiders from India, 11 species from Madhya Pradesh (Bhandari and Gajbe, 2001; Gajbe, 2004a, 2005; Gajbe and Gajbe, 2004a, b; Bodkhe *et al.*, 2016); 7 species from West Bengal (Saha and Raychaudhuri, 2004a, b; Sen *et al.*, 2012, 2015; Roy *et al.*, 2014, 2015, 2017a); 6 species from Maharashtra (Bastawade and Khandal, 2006; Keswani, 2013; Dhande *et al.*, 2017a); 3 species from Himachal Pradesh (Zamani and Marusik, 2020); 2 species each from Assam (Basumatary and Brahma, 2019; Basumatary *et al.*, 2019), Arunachal Pradesh (Biswas and Biswas, 2006) and Karnataka (Ahmed *et al.*, 2015a, b, 2016); and one species each from Kerala (Patel, 2003a), and Mizoram (Biswas and Biswas, 2007). In addition, in the present century, several workers have recorded many species of Araneidae across India in faunistic survey programmes.

At present, 256 species belonging to 49 genera were recorded from India during 1798 to 2021, out of which, 99 species (38.4%) were strictly endemic, i.e. described and recorded only in India while few more species were described from India but were also later recorded in neighbouring countries. However,

the Indian record is only 8.4% of the world Araneidae fauna [3065 species placed in 177 genera (WSC, 2021)]. All these spiders were distributed in all the Indian states and union territories except Dadra & Nagar Haveli and Daman & Diu (Fig. 1). Twenty species mentioned under separate caption seem to be erratic reports and need confirmation. Six species described by Pickard-Cambridge (1885) were collected by its author from Murree (Pakistan) to Sind Valley (Jammu and Kashmir), however, their distribution is mentioned in Yarkand (China) by WSC (2021). Two species, *Gasteracantha cuspidata* C. L. Koch, 1837 and *Neoscona triangula* (Keyserling, 1864) were mentioned in Indian checklists prepared by Siliwal *et al.* (2005), Keshwani *et al.* (2012) and Caleb and Sankaran (2021) probably following WSC (before May 23, 2021) but by the scrutiny of the literature, we could not find any primary reference regarding this record. Then, we requested Dr. Theo Blick of the Editorial Board Member of World Spider Catalog on May 23, 2021 regarding their distribution in India who clarified that the distribution of both of the species in India is incorrect and consequently, the World Spider Catalog removed India from its distribution list on May 23 and May 25, 2021, respectively. Hence, these species are excluded

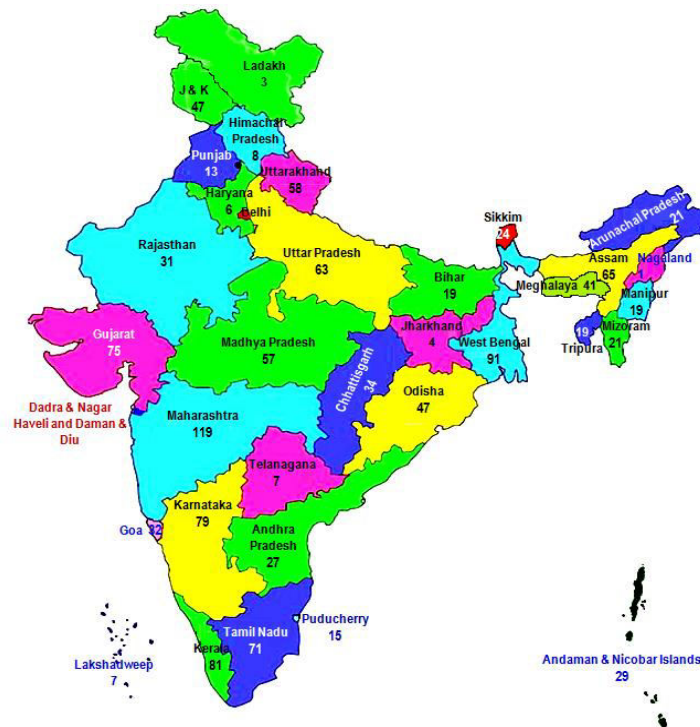


Figure 1: Number of species of orb-weaver spiders (Araneidae) in Indian states and union territories.

from the present checklist of Araneidae in India. Kashmeera and Sudhikumar (2019) negligently mentioned *Araneus diadematus* Clerck, 1757 and *Larinioides sclopetarius* (Clerck, 1757) in Rajasthan fauna citing Tikader (1982) as the source of information.

Surprisingly, four species of orb-weaver spiders, *Acusilas indicus* Mathew, 2007; *Cyrtarachne keralayensis* Sunil Jose, 2005; *Gea anili* Sunil Jose, 2005 and *Neoscona johani* Sunil Jose, 2005 described from Kerala are invalid species (Zschokke and Logunov, 2010; WSC, 2021), still, they were erratically identified and recorded by several Indian workers in different states, e.g. *Acusilas indicus* Mathew, 2007 (Rajasthan-Lawania and Trigunayat, 2015; Uttar Pradesh-Lawania and Mathur, 2014a, c, d); *Cyrtarachne keralayensis* Sunil Jose, 2005 (Goa-Halarnkar and Pai, 2018; Rajasthan-Lawania and Trigunayat, 2015; Uttar Pradesh-Lawania and Mathur, 2014a); *Gea anili* Sunil Jose, 2005 (Goa-Halarnkar and Pai, 2018); and *Neoscona johani* Sunil Jose, 2005 (Goa-Halarnkar and Pai, 2018). About 20 species of Araneidae recorded from India seem to be misidentified. Caleb and Sankaran (2021) recently enlisted only 185 species of Araneidae described under 37 genera and the rest of the species recorded in India are seem to be overlooked by them or are cases of misidentification.

Two genera of orb-weaver spiders are highly speciose, e.g. *Araneus* Clerck, 1757 (39 species) and *Neoscona* Simon, 1864 (36 species). A maximum of 119 species of these orb-weaver spiders was recorded from Maharashtra followed by 91 species from West Bengal, 81 species from Kerala, 79 species from Karnataka, 75 species from Gujarat, 71 species from Tamil Nadu, 65 species from Assam, 63 species from Uttar Pradesh, 58 species from Uttarakhand, 57 species from Madhya Pradesh, 47 species each from Odisha and Jammu and Kashmir, 41 species from Meghalaya, 34 species from Chhattisgarh, 32 species from Goa, 31 species from Rajasthan, 29 species from Andaman and Nicobar Islands,

27 species from Andhra Pradesh, 24 species from Sikkim, 21 species each from Arunachal Pradesh, Mizoram and Tripura, and less than 20 species were recorded from other states and union territories (Fig. 1). No species of these spiders is recorded from Dadra & Nagar Haveli and Daman & Diu. Surprisingly, the very poor record of these spiders was from Bihar, Jharkhand, Himachal Pradesh, Haryana, and Telangana. Indeed, very limited surveys were conducted in these regions and hence, it requires an extensive faunistic survey in these areas. Most of the surveys were conducted in Madhya Pradesh, Gujarat, Maharashtra, Kerala, Tamil Nadu, Uttar Pradesh and West Bengal. Out of 256 species of Araneidae recorded from India, 25 species are considerably widely distributed, out of which 7 species are distributed in more than 20 states and union territories, viz. *Argiope pulchella* Thorell, 1881 (23 states, 3 union territories); *Nephila pilipes* (Fabricius, 1793) (24 states, 2 union territory); *Neoscona mukerjei* Tikader, 1980 (23 states, 1 union territory); *Neoscona theisi* (Walckenaer, 1837) (21 states, 3 union territories); *Araneus mitificus* (Simon, 1886) (21 states, 3 union territories); *Argiope aemula* (Walckenaer, 1837) (21 states, 2 union territories) and *Eriovixia excelsa* (Simon, 1889) (20 states, 2 union territory). Several species of Araneidae reported from India are recorded only from one state or from the type locality. Hence, extensive faunistic surveys for these orb-weaver spiders are required throughout the country. Following is the detailed list of these spiders arranged alphabetically which are distributed in Indian states and union territories.

## I. Checklist of Orb-weaver Spiders (Araneidae) in Indian States and Union

### Territories

#### 1. *Acacesia* sp.

- Kerala (Nataraj *et al.*, 2018)

#### 2. *Acusilas coccineus* Simon, 1895



Syn. *Phonognatha vicitra* Sherriffs, 1928

- Assam (Roy *et al.*, 2010, 2017a)
- Karnataka (Sherriffs, 1928; Sankaran and Sebastian, 2018)
- Kerala (Sankaran and Sebastian, 2018)
- Meghalaya (Roy *et al.*, 2017b)
- West Bengal (Roy *et al.*, 2017a)

Elsewhere: China, Indonesia, Japan, Korea

### **3. *Acuilas* sp.**

- Tamil Nadu (Kapoor, 2008)

### **4. *Afracantha camerunensis* (Thorell, 1899)**

- Gujarat (Yadav *et al.*, 2017)

Elsewhere: East, central and west Africa

### **5. *Agalenatea redii* (Scopoli, 1763)**

Syn. *Araneus redii* Scopoli, 1763; *Epeira redii* (Scopoli, 1763)

- Jammu and Kashmir (Caporiacco, 1935)
- Puducherry (Leardi in Airaghi, 1902)

Elsewhere: Caucasus, Central Asia, China, Europe, Iran, Russia, Turkey

### **6. *Allocylosa bifurca* (McCook, 1887)**

- Gujarat (Siliwal, 2000; Yadav *et al.*, 2017)

Elsewhere: Cuba, Hispaniola, Mexico, Panama, USA

### **7. *Anepsion maritatum* (O. Pickard-Cambridge, 1877)**

Syn. *Cyrtarachne keralensis* Sunil Jose, 2011

- Goa (Halarnkar and Pai, 2018; Pandit and Dharwadkar, 2020)
- Karnataka (Bhat *et al.*, 2013; Vaibhav *et al.*, 2017; Abhijith, 2019)
- Kerala (Sunil Jose, 2011; Malamel *et al.*, 2015; Jose *et al.*, 2018; Smitha and Sudhikumar, 2020; Sumesh and Sudhikumar, 2020)
- Odisha (Gravely, 1921)
- Tamil Nadu (Caleb, 2020a; Kadam and Rajkumar, 2020)

- Uttar Pradesh (Lawania and Mathur, 2014a)

- West Bengal (Saha *et al.*, 2017)

Elsewhere: China, Indonesia, Japan, Sri Lanka, Thailand

### **8. *Arachnura angura* Tikader, 1970\***

- Goa (Pandit and Dharwadkar, 2020)

- Karnataka (Bhat *et al.*, 2013; Prashanthakumara and Venkateshwarlu, 2017)

- Kerala (Tikader, 1982; Patel, 2003a; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)

- Maharashtra (Kulkarni and Deshpande, 2012; Rithe, 2012; More and Sawant, 2013)

- Sikkim (Tikader, 1970, 1982; Saha *et al.*, 2016)

- Tamil Nadu (Kapoor, 2008)

- West Bengal (Sen *et al.*, 2015; Saha *et al.*, 2016; Raychaudhuri *et al.*, 2016)

### **9. *Arachnura melanura* Simon, 1867**

- Kerala (Roewer, 1942; Sen and Sureshan, 2020)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

Elsewhere: Australia, Indonesia, Japan, Malaysia, Papua New Guinea, Taiwan

### **10. *Arachnura scorpionoides* Vinson, 1863**

- Tamil Nadu (Sudhikumar *et al.*, 2008; Sebastian *et al.*, 2012)

Elsewhere: DR Congo, Ethiopia, Madagascar, Mauritius, Mayotte, Réunion, Seychelles, South Africa,

### **11. *Arachnura* sp.**

- Karnataka (Bhat *et al.*, 2013; Abhijith, 2019)

- Kerala (Sumesh and Sudhikumar, 2020)

- Odisha (Siliwal and Molur, 2008)

- Tamil Nadu (Sugimaran *et al.*, 2007)

### **12. *Araneus anantnagensis* Tikader and Bal, 1981\***

- Jammu and Kashmir (Tikader and Bal, 1981; Tikader, 1982)

- Maharashtra (Majumder, 2005; Rithe, 2012)

- West Bengal (Majumder, 2004, 2005; Chandra *et al.*, 2021)

### **13. *Araneus bastarensis* Gajbe, 2005\***

- Chhattisgarh (Gajbe, 2005)

- Madhya Pradesh (Gajbe, 2005)

- Maharashtra (Rithe, 2012)

### **14. *Araneus bigibbosus* (O. Pickard-Cambridge, 1885)**

Syn. *Epeira bigibbosa* Pickard-Cambridge, 1885

- Jammu and Kashmir (Caporiacco, 1935)

### **15. *Araneus bilunifer* Pocock, 1900\***

- Andhra Pradesh (Palem *et al.*, 2016)

- Gujarat (Patel, 1975b; Tikader and Biswas, 1981; Tikader, 1982; Patel and Vyas, 2001; Siliwal *et al.*, 2003a, b; Patel, 2003b; Parmar *et al.*, 2015)

- Karnataka (Bhat *et al.*, 2013)

- Kerala (Sebastian *et al.*, 2005a; Sudhikumar *et al.*, 2005a; Adarsh and Nameer, 2015, 2016; Joseph *et al.*, 2017; Smitha and Sudhikumar, 2020)

- Maharashtra (Bastawade and Khandal, 2006; Meshram, 2011)

- Odisha (Siliwal and Molur, 2008)

- Punjab (Kumari, 1983)

- Tamil Nadu (Pocock, 1900; Sherriffs, 1919; Tikader and Biswas, 1981; Tikader, 1982; Karthikeyani *et al.*, 2017; Caleb, 2020a)

- Uttar Pradesh (Hore and Uniyal, 2008 a, b; Uniyal and Hore, 2009)

- Uttarakhand (Uniyal *et al.*, 2011)

- West Bengal (Talukdar, 2015)

### **16. *Araneus bivittatus* (Walkanaer, 1841)**

- West Bengal (Chandra *et al.*, 2021)

Elsewhere: USA

### **17. *Araneus boernerii* (Strand, 1907)\***

Syn. *Aranea boernerii* Strand, 1907; *Aranea boernerii clavimaculus* Strand, 1907; *Aranea boernerii obscurellus* Strand, 1907

- Karnataka (Strand, 1907; Nentwig *et al.*, 2019)

### **18. *Araneus camilla* (Simon, 1889)**

- Uttarakhand (Simon, 1889)

Elsewhere: Pakistan

### **19. *Araneus carnifex* (O. Pickard-Cambridge, 1885)**

- Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Pakistan – Murree OPC (not China – Yarkand, WSC)

### **20. *Araneus decentellus* (Strand, 1907)**

Syn. *Aranea decentella* Strand, 1907

- Karnataka (Strand, 1907)

Elsewhere: China

### **21. *Araneus diadematus* Clerck, 1757**

- Assam (Pandit, 2019)

- Bihar (Priyadarshini *et al.*, 2015, 2018)

- Jammu and Kashmir (Punjoo and Bhat, 2015)

- Karnataka (Tabasum *et al.*, 2018)

- Kerala (Malamel and Sudhikumar, 2020)

- Maharashtra (Deshmukh and Tekade, 2019)

- Tamil Nadu (Kapoor, 2008)

- Uttar Pradesh (Yadav and Prakash, 2021)

Elsewhere: Caucasus, Central Asia, China, Europe, Iran, Japan, Middle East, North America, Russia

### **22. *Araneus ellipticus* (Tikader and Bal, 1981)**

Syn. *Neoscona elliptica* Tikader and Bal, 1981

- Assam (Saha *et al.*, 2015)

- Gujarat (Parmar, 2018; Parmar *et al.*, 2015; Yadav *et al.*, 2017)

- Jammu and Kashmir (Sharma, 2014; Punjoo and Bhat, 2015)
- Kerala (Sebastian *et al.*, 2005a; Sudhikumar *et al.*, 2005b; Mathew *et al.*, 2014; Dhali *et al.*, 2019; Malamel and Sudhikumar, 2020)
- Madhya Pradesh (Gajbe, 2003a, b, 2004a; Patil, 2012)
- Maharashtra (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Bastawade and Khandal, 2006; Rithe, 2012; More and Sawant, 2013; Shirbhate and Shirbhate, 2017)
- Meghalaya (Biswas and Majumder, 1995; Majumder, 2005)
- Mizoram (Chowdhury *et al.*, 2017)
- Odisha (Panda *et al.*, 2011)
- Punjab (Singh S *et al.*, 2020)
- Tamil Nadu (Saha *et al.*, 2017)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)
- Uttarakhand (Uniyal *et al.*, 2011; Quasin and Uniyal, 2013)
- West Bengal (Majumder, 2004, 2005; Talukdar and Majumder, 2008; Saha *et al.*, 2017; Chandra *et al.*, 2021)

Elsewhere: Bangladesh, China, Laos

### **23. *Araneus fulvellus* (Roewer, 1942)**

Syn. *Araneus fulvus* Dyal, 1935

- Andhra Pradesh (Reddy and Patel, 1992b)

Elsewhere: Pakistan

### **24. *Araneus gibber* (O. Pickard-Cambridge, 1885)\***

Syn. *Epeira gibbera* O. Pickard-Cambridge, 1885; *Araneus gibberosus* (O. Pickard-Cambridge, 1885)

- Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

### **25. *Araneus gurdus* (O. Pickard-Cambridge, 1885)**

Syn. *Epeira gurda* O. Pickard-Cambridge, 1885

- Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Pakistan

### **26. *Araneus himalayanus* (Simon, 1889)\***

Syn. *Epeira himalayana* Simon, 1889

- Uttarakhand (Simon, 1889)

### **27. *Araneus hirsutulus* (Stoliczka, 1869)\***

Syn. *Epeira hirsutula* Stoliczka, 1869

- West Bengal (Stoliczka, 1869)

### **28. *Araneus liber* (Leardi, 1902)\***

Syn. *Epeira libera* Leardi, 1902

- Puducherry (Leardi in Airaghi, 1902)

### **29. *Araneus minutalis* (Simon, 1889)\***

Syn. *Epeira minutalis* Simon, 1889

- Uttarakhand (Simon, 1889)

### **30. *Araneus mitificus* (Simon, 1886)**

Syn. *Epeira mitifica* Simon, 1886

- Andaman and Nicobar Islands (Tikader, 1977)
- Andhra Pradesh (Rao *et al.*, 2005)
- Arunachal Pradesh (Sen *et al.*, 2015; Chetry and Moran, 2019)
- Assam (Tikader, 1982; Hazarika and Chakraborti, 1998; Chetia and Kalita, 2012; Singh *et al.*, 2012; Ahmed *et al.*, 2015; Gupta *et al.*, 2015; Basumatary and Brahma, 2017)
- Bihar (Priyadarshini *et al.*, 2015, 2018)
- Chhattisgarh (Gajbe and Sharma, 1994; Gajbe, 2003b, 2004a; Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Delhi (Malik *et al.*, 2015)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Patel and Pillai, 1988; Parmar and Acharya, 2015; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017)
- Jammu and Kashmir (Thakur *et al.*, 1995; Sharma, 2014)
- Karnataka (Tikader and Biswas, 1981; Tikader, 1982; Nalini Bai and Ravindranatha, 2012; Bhat

*et al.*, 2013; Murali *et al.*, 2017)

- Kerala (Sebastian *et al.*, 2005b; Jose *et al.*, 2018; Smitha and Sudhikumar, 2020)
- Madhya Pradesh (Gajbe, 2003a, b, 2004a; Patil, 2012; Pandit, 2019)
- Maharashtra (Tikader and Biswas, 1981; Tikader, 1982; Gajbe, 2005; Bastawade and Khandal, 2006; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Misal *et al.*, 2019)
- Manipur (Biswas and Biswas, 2004; Saha *et al.*, 2016; Kananbala *et al.*, 2018)
- Meghalaya (Roy *et al.*, 2017b; Nakambam *et al.*, 2021)
- Odisha (Mohapatra *et al.*, 2014; De and Palita, 2018)
- Punjab (Gajbe, 2005; Singh S *et al.*, 2020)
- Rajasthan (Lawania and Trigunayat, 2015; Jangid *et al.*, 2019)
- Tamil Nadu (Sherriffs, 1919; Kapoor, 2008)
- Telangana (Hirur *et al.*, 2020)
- Tripura (Dey *et al.*, 2013)
- Uttar Pradesh (Lawania and Mathur, 2014a, c; Singh and Singh, 2014; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)
- Uttarakhand (Uniyal *et al.*, 2011; Gupta and Siliwal, 2012; Siddhu *et al.*, 2020)
- West Bengal (Tikader, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992, 2004; Kundu and Raychaudhuri, 1997; Majumder, 2004, 2005; Roy *et al.*, 2009, 2010; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Bangladesh, China, Japan, Pakistan, New Guinea, Philippines

### **31. *Araneus noegeata* (Thorell, 1895)**

- Andaman and Nicobar Islands (Tikader, 1977)

Elsewhere: Malaysia, Myanmar, Singapore

### **32. *Araneus nox* (Simon, 1877)**

Syn. *Araneus pilulus* (Thorell, 1877); *Epeira nox* Simon, 1877; *Epeira pilula* Thorell, 1877

- Karnataka (Sherriffs, 1929; Abhijith, 2019)

Elsewhere: Malaysia, Myanmar, Philippines

### **33. *Araneus nympha* (Simon, 1889)**

Syn. *Epeira nympha* Simon, 1889; *Araneus nympha* (Simon, 1889)

- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Himachal Pradesh (Majumder, 2005; Sen *et al.*, 2015)
- Himalayan plateaus (Tikader, 1982)
- Jammu and Kashmir (Punjoo and Bhat, 2015)
- Karnataka (Bhat *et al.*, 2013)
- Kerala (Sebastian *et al.*, 2005b; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008)
- Madhya Pradesh (Gajbe, 1995a, 2003b; Gajbe and Singh, 1994)
- Mizoram (Chowdhury *et al.*, 2017)
- Uttar Pradesh (Majumder, 2005; Sen *et al.*, 2015)
- Uttarakhand (Simon, 1889; Uniyal *et al.*, 2011; Quasin and Uniyal, 2013; Zamani and Marusik, 2020)
- West Bengal (Majumder, 2004, 2005; Saha and Raychaudhary, 2004b; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Zamani and Marusik, 2020; Chandra *et al.*, 2021)

Elsewhere: China, Pakistan

### **34. *Araneus obscurissimus* Caporiacco, 1934**

- Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Pakistan

### **35. *Araneus paenulatus* (O. Pickard-Cambridge, 1885)**

Syn. *Epeira paenulata* O. Pickard-Cambridge, 1885

- Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Pakistan

### **36. *Araneus pahalgaonensis* Tikader and Bal, 1981**

• Gujarat (Siliwal *et al.*, 2003b; Yadav *et al.*, 2017; Thumar, 2019)

• Jammu and Kashmir (Tikader and Bal, 1981; Tikader, 1982; Khan and Rather, 2012; Punjoo and Bhat, 2015)

• Maharashtra (Rithe, 2012)

Elsewhere: China

**37. *Araneus panchganiensis* Tikader and Bal, 1981\***

• Jammu and Kashmir (Khan, 2009)

• Maharashtra (Tikader and Bal, 1981; Tikader, 1982)

• West Bengal (Dhali *et al.*, 2016; Chandra *et al.*, 2021)

**38. *Araneus panniferens* (O. Pickard-Cambridge, 1885)\***

Syn. *Epeira panniferens* O. Pickard-Cambridge, 1885

• Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

**39. *Araneus peltax* (O. Pickard-Cambridge, 1885)\***

Syn. *Epeira peltax* O. Pickard-Cambridge, 1885

• Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

**40. *Araneus pontii* Caporiacco, 1934**

• Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Pakistan, Tibet, Turkestan

**41. *Araneus praedatus* (O. Pickard-Cambridge, 1885)\***

Syn. *Epeira praedatus* O. Pickard-Cambridge, 1885

• Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

**42. *Araneus sponsus* (Thorell, 1887)\***

Syn. *Epeira sponsa* Thorell, 1887

• Maharashtra (Thorell, 1887)

**43. *Araneus tartaricus* (Kroneberg, 1875)**

Syn. *Epeira tartarica* Kroneberg, 1875

• Ladakh (Pickard-Cambridge, 1885)

Elsewhere: China, Korea, Kazakhstan, Kyrgyzstan, Mongolia

**44. *Araneus varpunen* Sen *et al.*, 2015\***

• West Bengal (Sen *et al.*, 2015)

**45. *Araneus viridisomus* Gravely, 1921\***

• Goa (Pandit and Dharwadkar, 2020)

• Karnataka (Abhijith, 2019)

• Maharashtra (Patil and Uniyal, 2016)

• Odisha (Gravely, 1921; Biswas, 1987)

• Tamil Nadu (Caleb and Mathai, 2014; Karthikeyani *et al.*, 2017; Caleb, 2020a)

**46. *Araneus* sp.**

• Bihar (Priyadarshini *et al.*, 2015)

• Chhattisgarh (Ekka and Kujur, 2015)

• Gujarat (Parmar *et al.*, 2015)

• Jammu and Kashmir (Khan, 2009; Punjoo and Bhat, 2015)

• Karnataka (Rao *et al.*, 2018; Prashanthakumara and Venkateshwarlu, 2017; Shraddha and Chaturved, 2019)

• Kerala (Sebastian *et al.*, 2005a; Adarsh and Nameer, 2015)

• Odisha (Siliwal *et al.*, 2008)

• Rajasthan (Saha *et al.*, 2015; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

• Tamil Nadu (Sugimaran *et al.*, 2007; Kapoor, 2008; Dharmaraj *et al.*, 2018)

• Uttar Pradesh (Hore and Uniyal, 2008b; Uniyal and Hore, 2009; Anjali and Prakash, 2012; Chandra *et al.*, 2017; Sharma and Singh, 2018a)

• Uttarakhand (Uniyal *et al.*, 2011; Pooja *et al.*, 2019)

**47. *Araniella cucurbitina* (Clerck, 1757)**

Syn. *Araneus cucurbitinus* Clerck, 1757

- Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935; Khan, 2009; Punjoo and Bhat, 2015)
- Maharashtra (Meshram, 2011; Vairale and Wagh, 2021)
- Meghalaya (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Majumder, 1995; Zamani and Marusik, 2020)
- Odisha (Siliwal and Molur, 2008)
- Uttarakhand (Rajpoot *et al.*, 2017)

Elsewhere: Central Asia, China, Europe, Korea, Russia, Turkey

**48. *Araniella levii* Zamani and Marusik, 2020\***

- Himachal Pradesh (Zamani and Marusik, 2020)

**49. *Araniella maasdorpi* Zamani and Marusik, 2020\***

- Himachal Pradesh (Zamani and Marusik, 2020)
- Uttarakhand (Zamani and Marusik, 2020)

**50. *Araniella villanii* Zamani *et al.*, 2020**

- Himachal Pradesh (Zamani *et al.*, 2020)

Elsewhere: Iran, Kazakhstan

**51. *Araniella* sp.**

- Uttarakhand (Uniyal *et al.*, 2011)

**52. *Argiope aemula* (Walckenaer, 1837)**

Syn. *Epeira aemula* Walckenaer, 1837

- Andaman and Nicobar Islands (Pocock, 1900; Tikader, 1982; Majumder and Talukdar, 2013)
- Andhra Pradesh (Srinivasulu *et al.*, 2004a; Rao *et al.*, 2005; Palem *et al.*, 2016)
- Assam (Chetia and Kalita, 2012; Singh *et al.*, 2012; Gupta *et al.*, 2015; Saha *et al.*, 2015; Ahmed, 2018)
- Bihar (Priyadarshini *et al.*, 2015)
- Chhattisgarh (Gajbe and Sharma, 1994; Gajbe, 2003b, 2004a; Kujur and Ekka, 2016; Ekka and

Kujur, 2015)

- Goa (Bastawade and Borkar, 2008; Halarnkar and Pai, 2018; Pandit and Dharwadkar, 2020)
- Gujarat (Pocock, 1900; Tikader, 1982; Patel, 2003b; Siliwal *et al.*, 2003a, b; Parmar *et al.*, 2015; Yadav *et al.*, 2017; Yadav and Kumar, 2019)
- Jammu and Kashmir (Chandra *et al.*, 2021)
- Karnataka (Nalini Bai and Ravindranatha, 2012; Vaibhav *et al.*, 2017; Mubeen and Basavarajappa, 2018; Kokilamani *et al.*, 2019)
- Kerala (Pocock, 1900; Tikader, 1982; Joseph *et al.*, 1998; Sebastian *et al.*, 2005a, b; Mathew *et al.*, 2014; Adarsh and Nameer, 2015; Jose *et al.*, 2018)
- Madhya Pradesh (Gajbe, 1995a, b, 2003b, 2004a, b, c, d, 2005; Gajbe and Singh, 1994; Patil, 2012)
- Maharashtra (Pocock, 1900; Tikader, 1982; Bastawade and Khandal, 2006; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Nerlekar *et al.*, 2016; Shirbhate and Shirbhate, 2017; Deshmukh and Tekade, 2019; Misal *et al.*, 2019)
- Manipur (Kananbala *et al.*, 2018)
- Meghalaya (Roy *et al.*, 2017b)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008; De and Palita, 2018)
- Punjab (Kumari, 1983)
- Rajasthan (Kaur *et al.*, 2014; Lawania and Trigunayat, 2015; Lawania and Mathur, 2017)
- Tamil Nadu (Pocock, 1900; Tikader, 1982; Sugimaran *et al.*, 2007; Kapoor, 2008; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017; Caleb, 2020a, b)
- Uttar Pradesh (Lawania and Mathur, 2014a, b, c, d; Singh and Singh, 2014; Sharma and Singh, 2018a, b; Chandra *et al.*, 2021)
- Uttarakhand (Biswas and Biswas, 2010; Gupta and Siliwal, 2012)

- West Bengal (Tikader, 1970, 1982; Biswas and Biswas, 1992, 2004 ; Majumder, 2004, 2005; Majumder and Talukdar, 2013; Roy *et al.*, 2009, 2010; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016)

Elsewhere: China, Indonesia, Japan, New Guinea, Malaysia, Myanmar, Philippines, Sri Lanka, Vanuatu

### **53. *Argiope anasuja* Thorell, 1887**

- Andhra Pradesh (Srinivasulu *et al.*, 2004a; Rao *et al.*, 2005; Palem *et al.*, 2016)
- Assam (Singh *et al.*, 2012; Basumatary and Brahma, 2017; Ahmed, 2018)
- Bihar (Biswas and Biswas, 1992, 2004; Priyadarshini *et al.*, 2015)
- Chhattisgarh (Gajbe, 2003b, 2005)
- Goa (Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)
- Gujarat (Patel and Vyas, 2001; Patel, 2003b; Siliwal *et al.*, 2003a, b; Parmar and Acharya, 2015; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Yadav and Kumar, 2019)
- Jharkhand (Tikader, 1982)
- Karnataka (Pocock, 1900; Tikader, 1982; Majumder, 2005; Nalini Bai and Ravindranatha, 2012; Murali *et al.*, 2017; Prashanthakumara and Venkateshwarlu, 2017; Vaibhav *et al.*, 2017; Tabasum *et al.*, 2018)
- Kerala (Patel, 2003a; Sebastian *et al.*, 2005a; Adarsh and Nameer, 2015; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
- Madhya Pradesh (Gajbe, 2005; Sharma and Sharma, 2015)
- Maharashtra (Pocock, 1900; Tikader, 1982; Rithe, 2012; More and Sawant, 2013; Nerlekar *et al.*, 2016; Misal *et al.*, 2019)
- Odisha (Gravely, 1921; Tikader, 1982; Biswas, 1987; Majumder, 2005; Siliwal and Molur, 2008; Siliwal *et al.*, 2008; Panda *et al.*, 2011; Mohapatra *et al.*, 2014)
- Rajasthan (Lawania and Trigunayat, 2015; Jangid *et al.*, 2019)

- Tamil Nadu (Pocock, 1900; Sherriffs, 1919; Tikader, 1982; Ganesh Kumar and Velusamy, 1996; Majumder, 2005; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017; Dharmaraj *et al.*, 2018; Caleb, 2020a; Caleb and Karthikeyani, 2020)

- Telangana (Rao *et al.*, 2005; Sailu *et al.*, 2017)

- Tripura (Das and Deb, 2020)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Anjali and Prakash, 2012; Lawania and Mathur, 2014a, b, c, d; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)

- Uttarakhand (Biswas and Biswas, 2010; Uniyal *et al.*, 2011; Gupta and Siliwal, 2012)

- West Bengal (Tikader, 1982; Biswas and Biswas, 1992, 2004; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013)

Elsewhere: Australia, Iran, Maldives, Pakistan, Seychelles, Sri Lanka

### **54. *Argiope bruennichi* (Scopoli, 1772)**

- Puducherry (Leardi in Airaghi, 1902)

Elsewhere: Central Asia to China, Europe, Iran, Israel, Japan, Korea, Russia, Turkey

### **55. *Argiope caesarea* Thorell, 1897**

Syn. *Argiope sikkimensis* Tikader, 1970; *Argiope kalimpongensis* Sinha, 1951

- Assam (Tikader, 1982; Majumder, 2005; Ahmed, 2018;)

- Gujarat (Chandra *et al.*, 2021)

- Sikkim (Tikader, 1970; Majumder, 2005)

- Tripura (Biswas and Majumder, 2000)

- West Bengal (Sinha, 1951; Biswas and Biswas, 1992, 2004; Majumder, 2005; Majumder and Talukdar, 2013; Chandra *et al.*, 2021)

Elsewhere: China, Myanmar

### **56. *Argiope catenulata* (Doleschall 1859)**

Syn. *Epeira stellata* Stoliczka, 1869

- Andaman and Nicobar Islands (Pocock, 1900; Tikader and Biswas, 1981; Tikader, 1982)

- Andhra Pradesh (Tikader, 1982; Majumder, 2005)
- Arunachal Pradesh (Pathak *et al.*, 2020)
- Assam (Singh *et al.*, 2012; Ahmed *et al.*, 2015c; Gupta *et al.*, 2015)
- Gujarat (Chandra *et al.*, 2021)
- Karnataka (Simon, 1885a; Mubeen and Basavarajappa, 2018; Fernandes and Ganesh, 2020)
- Kerala (Sebastian *et al.*, 2005a; Mathew *et al.*, 2014; Adarsh and Nameer, 2015; Asalatha *et al.*, 2017)
- Maharashtra (Maheshwari *et al.*, 2018)
- Odisha (Biswas, 1987; Ramakrishna *et al.*, 2006)
- Tamil Nadu (Ganesh Kumar and Velusamy, 1996; Caleb, 2020b)
- Telangana (Anitha and Vijay, 2016)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)
- Uttarakhand (Biswas and Biswas, 2010)
- West Bengal (Stoliczka, 1869; Pocock, 1900; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992, 2004; Majumder, 2005; Chakraborty *et al.*, 2016)

Elsewhere: Australia, New Guinea, Philippines

### **57. *Argiope lobata* (Pallas, 1772)**

Syn. *Argiope arcuata* Simon, 1884

- Andhra Pradesh (Srinivasulu *et al.*, 2004b; Rao *et al.*, 2005, 2006)
- Bihar (Majumder, 2005)
- Gujarat (Yadav *et al.*, 2017)
- Jharkhand (Tikader, 1982)
- Karnataka (Pocock, 1900; Tikader, 1982; Majumder, 2005)
- Madhya Pradesh (Tikader, 1982; Majumder, 2005)
- Maharashtra (Pocock, 1900; Tikader, 1982;

Majumder, 2005; More and Sawant, 2013)

- Puducherry (Leardi in Airaghi, 1902)
- Rajasthan (Tikader, 1966a, 1982; Jangid *et al.*, 2019)
- Tamil Nadu (Tikader, 1982; Sivaperuman and Thiyakesan, 1999; Majumder, 2005; Karthikeyani *et al.*, 2017; Caleb and Karthikeyani, 2020)
- West Bengal (Biswas and Biswas, 1992; Majumder, 2004, 2005; Chandra *et al.*, 2021)

Elsewhere: Australia, Central Asia, China, Europe, Myanmar, New Caledonia

### **58. *Argiope luzona* (Walckenaer, 1837)**

- Tamil Nadu (Sankari and Thiyagesan, 2010)
- Uttar Pradesh (Sharma and Singh, 2018a, b)
- West Bengal (Sankari and Thiyagesan, 2010)

Elsewhere: Philippines

### **59. *Argiope macrochoera* Thorell, 1891**

- Andaman and Nicobar Islands (Thorell, 1891)

### **60. *Argiope minuta* Karsch, 1879**

Syn. *Argiope shillongensis* Sinha, 1951

- Andaman and Nicobar Islands (Gajbe, 2005)
- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)
- Chhattisgarh (Gajbe, 2005)
- Gujarat (Patel, 2003b; Yadav *et al.*, 2017)
- Karnataka (Nautiyal *et al.*, 2017)
- Lakshadweep (Gajbe, 2005)
- Madhya Pradesh (Gajbe, 2005)
- Maharashtra (Gajbe, 2005)
- Manipur (Biswas and Biswas, 2004; Kananbala *et al.*, 2018)
- Meghalaya (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Majumder, 1995; Biswas and Biswas, 2006)
- Odisha (Gajbe, 2005; Siliwal and Molur, 2008; Siliwal *et al.*, 2008; De and Palita, 2018)



- Tamil Nadu (Gajbe, 2005)
- Tripura (Biswas and Majumder, 2000)
- Uttarakhand (Biswas and Biswas, 2010)
- West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2004, 2005; Gajbe, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013)

Elsewhere: Bangladesh, China, Japan, Korea, Philippines

### **61. *Argiope pulchella* Thorell, 1881**

Syn. *Argiope undulata* Thorell, 1887

- Andaman and Nicobar Islands (Thorell, 1892; Pocock, 1900; Tikader, 1982; Tikader and Biswas, 1981)
- Andhra Pradesh (Majumder, 2005; Rao *et al.*, 2005; Palem *et al.*, 2016)
- Arunachal Pradesh (Biswas and Biswas, 2006; Sen *et al.*, 2015; Caleb and Kumar, 2018)
- Assam (Tikader, 1970, 1982; Hazarika and Chakraborti, 1998; Chetia and Kalita, 2012; Singh *et al.*, 2012; Ahmed *et al.*, 2015c; Das *et al.*, 2015; Gupta *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)
- Bihar (Priyadarshini *et al.*, 2015)
- Chhattisgarh (Gajbe and Sharma, 1994; Gajbe, 2003b; Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Goa (Bastawade and Borkar, 2008; Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)
- Gujarat (Patel, 2003b; Siliwal *et al.*, 2003b; Parmar *et al.*, 2015; Yadav *et al.*, 2017)
- Jammu and Kashmir (Chandra *et al.*, 2021)
- Karnataka (Nalini Bai and Ravindranatha, 2012; Bhat *et al.*, 2013; Murali *et al.*, 2017; Prashanthakumara and Venkateshwarlu, 2017; Vaibhav *et al.*, 2017; Mubeen and Basavarajappa, 2018; Rao *et al.*, 2018)
- Kerala (Joseph *et al.*, 1998; Patel, 2003a; Sudhikumar *et al.*, 2005a; Sebastian *et al.*, 2005a, b; Sunil Jose *et al.*, 2008; Mathew *et al.*, 2014; Adarsh and Nameer, 2015; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
- Lakshadweep (Tikader, 1982)
- Madhya Pradesh (Tikader, 1982; Tikader and Biswas, 1981; Gajbe, 1995a, b, 2003b, 2005; Gajbe and Singh, 1994; Majumder, 2005)
- Maharashtra (Tikader, 1982; Majumder, 2005; Bastawade and Khandal, 2006; Rithe, 2012; Nerlekar *et al.*, 2016)
- Manipur (Biswas and Biswas, 2004; Saha *et al.*, 2016; Kananbala *et al.*, 2018)
- Meghalaya (Biswas and Majumder, 1995; Biswas and Biswas, 2004; Roy *et al.*, 2017b; Nakambam *et al.*, 2021)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Gravelly, 1921; Tikader, 1982; Biswas, 1987; Majumder, 2005; Ramakrishna *et al.*, 2006; Panda *et al.*, 2011; Mohapatra *et al.*, 2014)
- Punjab (Anjali *et al.*, 2019)
- Rajasthan (Lawania and Trigunayat, 2015)
- Sikkim (Tikader, 1970)
- Tamil Nadu (Tikader and Biswas, 1981; Majumder, 2005; Sugimaran *et al.*, 2007; Kapoor, 2008; Karthikeyani *et al.*, 2017; Caleb, 2020a, b)
- Telangana (Sailu *et al.*, 2017)
- Tripura (Das and Deb, 2020)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Lawania and Mathur, 2014a, b, c, d; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)
- Uttarakhand (Uniyal and Hore, 2006; Biswas and Biswas, 2010; Gupta and Siliwal, 2012; Siddhu *et al.*, 2020)
- West Bengal (Tikader, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Roy *et al.*, 2009, 2010; Majumder and Talukdar, 2013; Sen *et al.*, 2015; Chakraborty *et al.*, 2016; Raychaudhuri *et al.*, 2016; Ghosh *et al.*, 2018)

Elsewhere: China, Indonesia, Laos, Myanmar, Pakistan

**62. *Argiope taprobanica* Thorell, 1887**

- Karnataka (Strand, 1907; Sherriffs, 1928)

Elsewhere: Sri Lanka

**63. *Argiope trifasciata* (Forsskål, 1775)**

Syn. *Argiope pradhani* Sinha, 1951

- Assam (Tikader, 1982; Biswas and Majumder, 1995)
- Chhattisgarh (Gajbe, 2003b; Gajbe and Sharma, 1994)
- Gujarat (Yadav *et al.*, 2017)
- Madhya Pradesh (Gajbe, 1995b, 2004c)
- Maharashtra (Bastawade, 2004, 2006; More and Sawant, 2013)
- Meghalaya (Tikader, 1982; Biswas and Majumder, 1995)
- Uttarakhand (Biswas and Biswas, 2010)

Elsewhere: North, Central and South America; Africa, Australia, China, Iran, Japan, Pacific Is, Portugal to Israel

**64. *Argiope versicolor* (Doleschall, 1859)**

- Puducherry (Leardi in Airaghi, 1902)
- Tamil Nadu (Kadam and Rajkumar, 2020)
- Tripura (Dey *et al.*, 2013)

Elsewhere: China, Laos, Indonesia, Malaysia

**65. *Argiope* sp.**

- Goa (Halarnkar and Pai, 2018)
- Gujarat (Parmar *et al.*, 2015)
- Jammu and Kashmir (Khan and Rather, 2012; Punjoo and Bhat, 2015)
- Karnataka (Bhat *et al.*, 2013; Nautiyal *et al.*, 2017; Rao *et al.*, 2018; Kokilamani *et al.*, 2019)
- Kerala (Sebastian *et al.*, 2005a; Sunil Jose *et al.*, 2008)
- Rajasthan (Malhotra *et al.*, 2019)
- Tamil Nadu (Kapoor, 2008; Dharmaraj *et al.*,

2018)

- Uttarakhand (Uniyal *et al.*, 2011)

**66. *Caerostris sumatrana* Strand, 1915**

Syn. *Caerostris paradoxa* (Doleschall, 1859)

- West Bengal (Sen *et al.*, 2015)

Elsewhere: China, Indonesia, Laos, Myanmar

**67. *Cercidia punctigera* Simon, 1889\***

Syn. *Araneus cribratus* Simon, 1895

- Uttarakhand (Simon, 1889)

**68. *Chorizopes anjanus* Tikader, 1965\***

- Gujarat (Tikader, 1982)
- Kerala (Malamel and Sudhikumar, 2020)
- Maharashtra (Tikader, 1965, 1982; Bastawade, 2008; More and Sawant, 2013; Vairale and Wagh, 2021)
- Uttar Pradesh (Chandra *et al.*, 2021)

**69. *Chorizopes calciope* (Simon, 1895)\***

- Kerala (Patel, 2003a)
- Maharashtra (Vairale and Wagh, 2021)
- Tamil Nadu (Simon, 1895; Tikader, 1982; Karthikeyani *et al.*, 2017)

**70. *Chorizopes congener* O. Pickard-Cambridge, 1885\***

Syn. *Chorizoopes congener* Pickard-Cambridge, 1885

- Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

**71. *Chorizopes frontalis* O. Pickard-Cambridge, 1871**

- Tamil Nadu (Simon, 1906; Sherriffs, 1919; Karthikeyani *et al.*, 2017)

Elsewhere: Myanmar, Sri Lanka

**72. *Chorizopes kastoni* Gajbe and Gajbe, 2004\***

- Madhya Pradesh (Gajbe and Gajbe, 2004b; Gajbe, 2004a; Patil, 2012)

- Maharashtra (Rithe, 2012; More and Sawant, 2013; Sawane, 2016)

**73. *Chorizopes khandaricus* Gajbe, 2005\***

Syn. *Chorizopes tikaderi* Bhandari and Gajbe, 2001

- Madhya Pradesh (Bhandari and Gajbe, 2001; Gajbe, 2003a, b, 2004a)
- Maharashtra (Rithe, 2012)

**74. *Chorizopes khanjanus* Tikader, 1965**

- Gujarat (Patel, 2003b; Yadav *et al.*, 2017)
- Maharashtra (Tikader, 1965, 1982; Meshram, 2011; More and Sawant, 2013)

Elsewhere: China

**75. *Chorizopes khedaensis* Reddy and Patel, 1993\***

- Gujarat (Reddy and Patel, 1993; Yadav *et al.*, 2017)
- Maharashtra (Sawane, 2016)

**76. *Chorizopes pateli* Reddy and Patel, 1993\***

- Gujarat (Reddy and Patel, 1993; Siliwal *et al.*, 2003b; Yadav *et al.*, 2017)

**77. *Chorizopes quadrituberculata* Roy *et al.*, 2014\***

- Karnataka (Abhijith, 2019)
- Kerala (Sumesh and Sudhikumar, 2020)
- Meghalaya (Roy *et al.*, 2017b)
- West Bengal (Sen *et al.*, 2015; Roy *et al.*, 2014, 2017a; Saha *et al.*, 2017)

**78. *Chorizopes stoliczkae* O. Pickard-Cambridge, 1885\***

- Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)

**79. *Chorizopes tikaderi* Sadana and Kaur, 1974\***

- Chhattisgarh (Kujur and Ekka, 2016)
- Madhya Pradesh (Patil, 2012)
- Punjab (Sadana and Kaur, 1974; Kumari, 1983)

**80. *Chorizopes* sp.**

- Assam (Saha *et al.*, 2015)
- Chhattisgarh (Ekka and Kujur, 2015; Kujur and Ekka, 2016)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Yadav *et al.*, 2017)
- Karnataka (Prashanthakumara and Venkateshwarlu, 2017)
- Kerala (Sebastian *et al.*, 2005a; Sunil Jose *et al.*, 2008)
- Uttarakhand (Uniyal *et al.*, 2011)

**81. *Cyclosa albisternis* Simon, 1888**

- Andaman and Nicobar Islands (Simon, 1888; Sherriffs, 1928)

Elsewhere: Hawaii

**82. *Cyclosa argenteoalba* Bösenberg and Strand, 1906**

- Kerala (Sumesh and Sudhikumar, 2020)

Elsewhere: China, Japan, Korea, Russia, Taiwan

**83. *Cyclosa atrata* Bösenberg and Strand, 1906**

- Assam (Pandit, 2019)

Elsewhere: China, Japan, Korea, Russia

**84. *Cyclosa bifida* (Doleschall, 1859)**

- Arunachal Pradesh (Biswas and Biswas, 2006; Sen *et al.*, 2015; Caleb and Kumar, 2018)
- Assam (Singh *et al.*, 2012; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed *et al.*, 2015c; Ahmed, 2018)
- Bihar (Priyadarshini *et al.*, 2015, 2018)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Parmar, 2013)
- Karnataka (Sherriffs, 1928; Kokilamani *et al.*, 2019; Shradha and Chaturved, 2019)
- Kerala (Sebastian *et al.*, 2005a; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Jose *et al.*, 2018)

- Madhya Pradesh (Gajbe, 2003b; Sharma and Sharma, 2015)
- Maharashtra (Rithe, 2012; Keswani, 2013; More and Sawant, 2013; Keswani and Vankhede, 2014; Sawane, 2016; Dixit and Ade, 2017; Shirbhate and Shirbhate, 2017)
- Manipur (Kananbala *et al.*, 2018)
- Meghalaya (Tikader, 1982; Biswas and Majumder, 1995; Biswas and Biswas, 2006; Saha *et al.*, 2016)
- Odisha (Panda *et al.*, 2011; Mohapatra *et al.*, 2014; De and Palita, 2018)
- Sikkim (Tikader, 1982; Biswas and Majumder, 1995; Biswas and Biswas, 2006; Saha *et al.*, 2016)
- Tamil Nadu (Sherriffs, 1919; Kapoor, 2008)
- Tripura (Dey *et al.*, 2013)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)
- Uttarakhand (Gupta and Siliwal, 2012; Siddhu *et al.*, 2020)
- West Bengal (Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Indonesia, Laos, Malaysia, Philippines, New Guinea, Thailand

#### **85. *Cyclosa bilobata* Sen *et al.*, 2012\***

- West Bengal (Sen *et al.*, 2012; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

#### **86. *Cyclosa centrodes* (Thorell, 1887)**

- Andaman and Nicobar Islands (Tikader, 1977)

Elsewhere: Indonesia, Malaysia, Myanmar

#### **87. *Cyclosa confraga* (Thorell, 1892)**

- Andhra Pradesh (Palem *et al.*, 2016)
- Assam (Tikader, 1982; Singh *et al.*, 2012; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)
- Chhattisgarh (Kujur and Ekka, 2016; Ekka and

Kujur, 2015)

- Gujarat (Tikader, 1982; Patel and Vyas, 2001; Siliwal *et al.*, 2003a, b; Patel, 2003b; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017)
  - Karnataka (Tikader, 1982; Kokilamani *et al.*, 2019)
  - Kerala (Subramanian, 1955; Sebastian *et al.*, 2005b; Sunil Jose *et al.*, 2008; Mathew *et al.*, 2014; Malamel and Sudhikumar, 2020)
  - Madhya Pradesh (Gajbe, 2003a, b, 2004a; Patil, 2012; Sharma and Sharma, 2015)
  - Maharashtra (Rithe, 2012; Keswani, 2013; More and Sawant, 2013; Misal *et al.*, 2019)
  - Meghalaya (Nakambam *et al.*, 2021)
  - Mizoram (Biswas and Biswas, 2007; Chowdhury *et al.*, 2017)
  - Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008)
  - Sikkim (Tikader, 1982; Biswas and Biswas, 2007)
  - Tamil Nadu (Kapoor, 2008; Siliwal *et al.*, 2008; Dharmaraj *et al.*, 2018; Caleb, 2020a)
  - Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Kumar *et al.*, 2017)
  - Uttarakhand (Quasin and Uniyal, 2010, 2011, 2013; Uniyal *et al.*, 2011)
  - West Bengal (Biswas and Biswas, 1992; Sen *et al.*, 2015)
- Elsewhere: Bangladesh, Malaysia, Pakistan, Singapore, Vietnam

#### **88. *Cyclosa conica* (Pallas, 1772)**

Syn. *Singa conica* Koch, 1837

- Andaman and Nicobar Islands (Thorell, 1891)
  - Jammu and Kashmir (Punjoo and Bhat, 2015)
  - Maharashtra (Chapke, 2012; Dixit and Ade, 2017)
- Elsewhere: Caucasus, Central Asia, China, Europe, Iran, North America, Russia, Turkey

**89. *Cyclosa elongata* Biswas and Roychaudhuri, 1998**

- Jammu and Kashmir (Khan, 2009; Khan and Rather, 2012; Punjoo and Bhat, 2015)

Elsewhere: Bangladesh

**90. *Cyclosa gossypiata* Keswani, 2013\***

- Assam (Ahmed *et al.*, 2015c)
- Maharashtra (Keswani, 2013)
- Uttarakhand (Siddhu *et al.*, 2020)

**91. *Cyclosa hexatuberculata* Tikader, 1982**

- Assam (Singh *et al.*, 2012; Saha *et al.*, 2015; Basumatary and Brahma, 2017)
- Chhattisgarh (Gajbe and Sharma, 1994; Gajbe, 2003b, 2005; Ekka and Kujur, 2015)
- Delhi (Malik *et al.*, 2015)
- Goa (Bastawade and Borkar, 2008)
- Gujarat (Parmar, 2013; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Yadav and Kumar, 2019)
- Karnataka (Murali *et al.*, 2017; Nautiyal *et al.*, 2017; Tabasum *et al.*, 2018)
- Kerala (Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2016; Joseph *et al.*, 2017; Jose *et al.*, 2018)
- Madhya Pradesh (Gajbe, 1995a, b, 2003b, 2005; Gajbe and Singh, 1994; Sharma *et al.*, 2010)
- Maharashtra (Tikader, 1982; Gajbe, 2005; Bastawade, 2006, 2008; Rithe, 2012; More and Sawant, 2013; Nerlekar *et al.*, 2016; Dixit and Ade, 2017; Shirbhate and Shirbhate, 2017)
- Meghalaya (Nakambam *et al.*, 2021)
- Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008)
- Rajasthan (Jangid *et al.*, 2019)
- Tamil Nadu (Krishnaveni and Kandeepan, 2019; Caleb, 2020a)
- Uttar Pradesh (Chandra *et al.*, 2021)
- Uttarakhand (Uniyal *et al.*, 2011)

- West Bengal (Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Sen *et al.*, 2009b, 2015)

Elsewhere: Pakistan

**92. *Cyclosa insulana* (Costa, 1834)**

Syn. *Epeira insulana* Casta, 1834

- Andaman and Nicobar Islands (Thorell, 1892)
- Assam (Chetia and Kalita, 2012; Borkakati *et al.*, 2018; Pandit, 2019)
- Chhattisgarh (Kujur and Ekka, 2016)
- Goa (Halarankar and Pai, 2018)
- Gujarat (Patel, 2003b; Yadav *et al.*, 2017)
- Jammu and Kashmir (Sharma, 2014; Chandra *et al.*, 2021)
- Karnataka (Sherriffs, 1928; Prashanthakumara and Venkateshwarlu, 2017)
- Kerala (Patel, 2003a; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Joseph *et al.*, 2017)
- Madhya Pradesh (Gajbe, 2003b)
- Maharashtra (Tikader, 1970; Rithe, 2012; More and Sawant, 2013; Sawane, 2016; Dixit and Ade, 2017; Shirbhate and Shirbhate, 2017)
- Meghalaya (Tikader, 1966b, 1970, 1982; Biswas and Majumder, 1995; Saha *et al.*, 2016)
- Odisha (Gravelly, 1921; Biswas, 1987; Siliwal and Molur, 2008)
- Punjab (Kumari, 1983)
- Rajasthan (Lawania and Trigunayat, 2015)
- Sikkim (Tikader, 1970, 1982; Biswas and Majumder, 1995; Saha *et al.*, 2016)
- Tamil Nadu (Sherriffs, 1919; Kapoor, 2008)
- Uttar Pradesh (Lawania and Mathur, 2014a; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)
- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011)
- West Bengal (Tikader, 1970; Biswas and Biswas, 1992; Majumder and Talukdar, 2013;

Chakraborty *et al.*, 2016; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Algeria, Australia, Belgium, Cape de Verde Islands, Comoro Islands, France, Ibiza Island, Italy, Japan, Malaysia, Mexico, New Guinea, Papua New Guinea, Philippines, Senegal, Seychelles, Yemen

**93. *Cyclosa kashmirica* Caporiacco, 1934\***

- Jammu and Kashmir (Caporiacco, 1935)

**94. *Cyclosa krusa* Barrion and Litsinger, 1995**

- Meghalaya (Roy *et al.*, 2017b)
- West Bengal (Saha *et al.*, 2016)

Elsewhere: Pakistan, Philippines

**95. *Cyclosa kumadai* Tanikawa, 1992**

- Maharashtra (Bhuvad *et al.*, 2011)

Elsewhere: Japan, Korea, Russia

**96. *Cyclosa micula* (Thorell, 1892)**

- Tamil Nadu (Sherriffs, 1928)

Elsewhere: Malaysia, New Guinea, Singapore

**97. *Cyclosa moonduensis* Tikader, 1963\***

- Arunachal Pradesh (Caleb and Kumar, 2018)
- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Gujarat (Patel, 1975b; Patel and Vyas, 2001; Yadav *et al.*, 2017)
- Karnataka (Prashanthakumara and Venkateshwarlu, 2017; Nijagal *et al.*, 2020)
- Kerala (Patel, 2003a)
- Madhya Pradesh (Gajbe, 2003a, b, 2004a, 2005; Sharma *et al.*, 2010; Patil, 2012)
- Maharashtra (Tikader, 1963b; Tikader, 1982; Gajbe, 2005; Meshram, 2011; Rithe, 2012; Keswani, 2013; More and Sawant, 2013; Keswani and Vankhede, 2014; Sawane, 2016; Dixit and Ade, 2017)
- Meghalaya (Roy *et al.*, 2017b)
- Punjab (Kumari, 1983)
- Rajasthan (Lawania and Mathur, 2017)

- Tamil Nadu (Kapoor, 2008; Krishnaveni and Kandeepan, 2019)

- West Bengal (Roy *et al.*, 2017a)

**98. *Cyclosa mulmeinensis* (Thorell, 1887)**

- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)

- Assam (Hazarika and Chakraborti, 1998; Saha *et al.*, 2015)

- Gujarat (Siliwal *et al.*, 2003b; Yadav *et al.*, 2017)

- Karnataka (Sherriffs, 1928; Nautiyal *et al.*, 2017)

- Kerala (Patel, 2003a; Sebastian *et al.*, 2011; Malamel and Sudhikumar, 2020)

- Maharashtra (Tikader, 1982; Sawane, 2016)

- Tamil Nadu (Simon, 1906; Sherriffs, 1919; Kapoor, 2008; Karthikeyani *et al.*, 2017; Caleb and Karthikeyani, 2020)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Singh and Singh, 2014; Sharma and Singh, 2018a, b)

- West Bengal (Roy *et al.*, 2009, 2010; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Bangladesh, China, Japan, Malaysia, Myanmar, New Guinea, Philippines, Singapore, Vietnam

**99. *Cyclosa neilensis* Tikader, 1977\***

- Andaman and Nicobar Islands (Tikader, 1977, 1982)

- Assam (Roy *et al.*, 2017a)

- Gujarat (Thumar, 2019; Chandra *et al.*, 2021)

- Maharashtra (Kelkar *et al.*, 2006; Sawane, 2016; Vairale and Wagh, 2021)

- Tamil Nadu (Kapoor, 2008; Caleb, 2020a)

- West Bengal (Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Roy *et al.*, 2017a)

**100. *Cyclosa oatesi* (Thorell, 1892)\***

Syn. *Epeira oatesii* Thorell, 1892)

- Andaman and Nicobar Islands (Thorell, 1892)

### **101. *Cyclosa purnai* Keswani, 2013\***

- Assam (Basumatary and Brahma, 2017)
- Maharashtra (Keswani, 2013; Keswani and Vankhede, 2014; Dixit and Ade, 2017)

### **102. *Cyclosa quinqueguttata* (Thorell, 1881)**

Syn. *Cyclosa fissicauda* Simon, 1889; *Epeira hybophora* Thorell, 1887; *Cyclosa hybophora* (Thorell, 1887)

- Assam (Hazarika and Chakraborti, 1998; Saha *et al.*, 2015)
- Gujarat (Thumar, 2019)
- Karnataka (Bhat *et al.*, 2013)
- Kerala (Sebastian *et al.*, 2005a, b; Sunil Jose *et al.*, 2008; Asima *et al.*, 2020)
- Maharashtra (Vairale and Wagh, 2021)
- Meghalaya (Roy *et al.*, 2017b)
- Sikkim (Tikader, 1982; Roy *et al.*, 2017a, b)
- Tamil Nadu (Sherriffs, 1919; Kapoor, 2008)
- Uttarakhand (Simon, 1889)
- West Bengal (Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Bhutan, China, Malaysia, Taiwan

### **103. *Cyclosa simoni* Tikader, 1982\***

- Assam (Hazarika and Chakraborti, 1998; Saha *et al.*, 2015)
- Gujarat (Siliwal, 2000; Bhatt, 2014; Yadav *et al.*, 2017)
- Maharashtra (Deshmukh and Chaudhari, 2016; Vairale and Wagh, 2021)
- Sikkim (Tikader, 1982; Saha *et al.*, 2016; Roy *et al.*, 2017a)
- Tamil Nadu (Kapoor, 2008; Krishnaveni and Kandeepan, 2019)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

- Uttarakhand (Biswas and Biswas, 2010)

- West Bengal (Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

### **104. *Cyclosa spirifera* Simon, 1889**

- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)
- Assam (Hazarika and Chakraborti, 1998; Singh *et al.*, 2012; Saha *et al.*, 2015)
- Chhattisgarh (Gajbe, 2003b, 2004a)
- Goa (Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)
- Gujarat (Bhatt, 2014; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Solanki *et al.*, 2020)
- Karnataka (Nalini Bai and Ravindranatha, 2012)
- Kerala (Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2016; Sumesh and Sudhikumar, 2020)
- Madhya Pradesh (Gajbe, 2003a, b, 2004a; Sharma *et al.*, 2010; Patil, 2012)
- Maharashtra (Rithe, 2012; Keswani, 2013; More and Sawant, 2013; Keswani and Vankhede, 2014; Nerlekar *et al.*, 2016; Sawane, 2016; Dixit and Ade, 2017)

- Manipur (Kananbala *et al.*, 2018)

- Meghalaya (Roy *et al.*, 2017b)

- Mizoram (Biswas and Biswas, 2007)

- Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008; De and Palita, 2018)

- Tamil Nadu (Kapoor, 2008)

- Uttarakhand (Simon, 1889; Biswas and Biswas, 2010)

- West Bengal (Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Raychaudhuri *et al.*, 2016)

Elsewhere: Pakistan

### **105. *Cyclosa tuberascens* Simon, 1906\***

- Himalayan plateaus (Simon, 1906)
- Karnataka (Mubeen and Basavarajappa, 2018)
- 106. *Cyclosa vankhedensis* Dhande et al., 2017\***
- Maharashtra (Dhande et al., 2017a)
- 107. *Cyclosa* sp.**
- Assam (Chetia and Kalita, 2012; Gupta et al., 2015)
- Chhattisgarh (Ekka and Kujur, 2015)
- Goa (Halarnkar and Pai, 2018)
- Gujarat (Siliwal et al., 2003b; Parmar et al., 2015)
- Karnataka (Prashanthakumara and Venkateshwarlu, 2017; Kokilamani et al., 2019)
- Kerala (Patel, 2003a; Sebastian et al., 2005a; Jose et al., 2018)
- Meghalaya (Tikader, 1961b)
- Odisha (Siliwal and Molur, 2008; Siliwal et al., 2008)
- Rajasthan (Lawania and Trigunayat, 2015; Malhotra et al., 2019)
- Sikkim (Tikader, 1961b)
- Tamil Nadu (Siliwal et al., 2008; Umarani and Umamaheswari, 2013)
- Tripura (Dey et al., 2013)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Lawania and Mathur, 2014a, b, c, d)
- Uttarakhand (Uniyal et al., 2011)
- 108. *Cyphalonotus* sp.**
- Uttar Pradesh (Hore and Uniyal, 2008a)
- 109. *Cyrtarachne avimerdaria* Tikader, 1963\***
- Assam (Saha et al., 2015)
- Maharashtra (Tikader, 1963a, 1982)
- Meghalaya (Biswas and Majumder, 1995)
- 110. *Cyrtarachne bengalensis* Tikader, 1961**
- Andhra Pradesh (Majumder, 2005)
- Maharashtra (Rithe, 2012; Sawane, 2016)
- West Bengal (Tikader, 1961a, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2005)
- Elsewhere: China
- 111. *Cyrtarachne biswamoyi* Tikader, 1961\***
- Madhya Pradesh (Tikader, 1982)
- Maharashtra (Tikader, 1961a; Bastawade and Khandal, 2006)
- 112. *Cyrtarachne inaequalis* Thorell, 1895**
- Andhra Pradesh (Majumder, 2005)
- Assam (Tikader, 1982; Saha et al., 2015; Basumatary and Brahma, 2017; Roy et al., 2017a, b)
- Kerala (Dhali et al., 2019)
- Madhya Pradesh (Tikader, 1961a, 1982; Majumder, 2005)
- Maharashtra (Tikader and Biswas, 1981)
- Meghalaya (Roy et al., 2017b)
- West Bengal (Tikader, 1961a; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2005; Majumder and Talukdar, 2013; Roy et al., 2017a)
- Elsewhere: China, Korea, Myanmar
- 113. *Cyrtarachne invenusta* Thorell, 1891\***
- Andaman and Nicobar Islands (Thorell, 1891)
- 114. *Cyrtarachne nagasakiensis* Strand, 1918**
- Assam (Basumatary et al., 2018)
- Elsewhere: China, Japan, Korea, Pakistan
- 115. *Cyrtarachne pallida* Pickard-Cambridge, 1885\***
- Jammu and Kashmir (Pickard-Cambridge, 1885; Caporiacco, 1935)
- 116. *Cyrtarachne promilai* Tikader, 1963\***
- Maharashtra (Tikader, 1963a, 1982)
- 117. *Cyrtarachne raniceps* Pocock, 1900**



- Karnataka (Tikader, 1982; Majumder, 2005; Bhat *et al.*, 2013)
- Kerala (Smitha and Sudhikumar, 2020)
- Maharashtra (Bastawade and Khandal, 2006; More and Sawant, 2013)
- Odisha (Majumder, 2005; Roy *et al.*, 2017a)
- Uttarakhand (Gupta and Siliwal, 2012)
- West Bengal (Tikader, 1961a; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2005; Roy *et al.*, 2009, 2017a; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Sri Lanka

#### **118. *Cyrtarachne schmidi* Tikader, 1963**

- Arunachal Pradesh (Tikader, 1963a, 1982; Biswas and Biswas, 2006; Caleb and Kumar, 2018)
- West Bengal (Sen *et al.*, 2015)

Elsewhere: China

#### **119. *Cyrtarachne sundari* Tikader, 1963**

- Maharashtra (Tikader, 1963a, 1982)

Elsewhere: Bangladesh

#### **120. *Cyrtarachne sunjoymongai* Ahmed *et al.*, 2015\***

- Karnataka (Ahmed *et al.*, 2015b)

#### **121. *Cyrtarachne* sp.**

- Assam (Chetia and Kalita, 2012; Gupta *et al.*, 2015)
- Gujarat (Yadav *et al.*, 2017)
- Karnataka (Bhat *et al.*, 2013)
- Kerala (Sebastian *et al.*, 2005a, b; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2016)
- Odisha (Siliwal and Molur, 2008; Mohapatra *et al.*, 2014)
- Uttarakhand (Uniyal *et al.*, 2011)

#### **122. *Cyrtophora bidenta* Tikader, 1970\***

- Chhattisgarh (Ekka and Kujur, 2015; Kujur and Ekka, 2016)

- Kerala (Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2016)

- Madhya Pradesh (Gajbe, 2003b)

- Maharashtra (Meshram, 2011; Rithe, 2012; Sawane, 2016; Vairale and Wagh, 2021)

- Sikkim (Tikader, 1970, 1982; Majumder, 2005)

- Uttar Pradesh (Uniyal and Hore, 2009; Kumar *et al.*, 2017)

- West Bengal (Majumder, 2004, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013; Chandra *et al.*, 2021)

#### **123. *Cyrtophora bituberculata* Roy *et al.*, 2017\***

- West Bengal (Roy *et al.*, 2017a)

#### **124. *Cyrtophora cicatrosa* (Stoliczka, 1869)**

Syn. *Epeira cicatrosa* Stoliczka, 1869; *Araneus cicatrosa* (Stoliczka, 1869)

- Andaman and Nicobar Islands (Tikader, 1977, 1982)

- Assam (Singh *et al.*, 2012; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)

- Goa (Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)

- Gujarat (Tikader, 1982; Siliwal *et al.*, 2003a, b; Patel, 2003b; Majumder, 2005; Parmar and Acharya, 2015; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Yadav and Kumar, 2019)

- Jammu and Kashmir (Chandra *et al.*, 2021)

- Karnataka (Pocock, 1900; Tikader, 1982; Nalini Bai and Ravindranatha, 2012; Nautiyal *et al.*, 2017; Mubeen and Basavarajappa, 2018; Tabasum *et al.*, 2018)

- Kerala (Patel, 2003a; Mathew *et al.*, 2014; Adarsh and Nameer, 2016; Rajeevan *et al.*, 2019; Malamel and Sudhikumar, 2020)

- Madhya Pradesh (Gajbe, 2003a, b, 2004a; Patil, 2012)

- Maharashtra (Pocock, 1900; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005;

Bastawade and Khandal, 2006; Meshram, 2011; More and Sawant, 2013; Keswani and Vankhede, 2014; Sawane, 2016; Shirbhate and Shirbhate, 2017)

- Manipur (Biswas and Biswas, 2004; Kananbala *et al.*, 2018)

- Odisha (Gravely, 1921; Biswas, 1987; Siliwal and Molur, 2008; Siliwal *et al.*, 2008; De and Palita, 2018)

- Punjab (Tikader and Biswas, 1981; Tikader, 1982; Kumari, 1983; Majumder, 2005)

- Rajasthan (Chauhan *et al.*, 2009; Lawania and Trigunayat, 2015; Kumari *et al.*, 2017; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

- Tamil Nadu (Pocock, 1900; Sherriffs, 1919; Tikader, 1982; Biswas and Biswas, 1992, 2004; Majumder, 2005; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017; Dharmaraj *et al.*, 2018; Caleb, 2020a, b)

- Tripura (Das and Deb, 2020)

- Uttar Pradesh (Pocock, 1900; Tikader, 1982; Tikader and Biswas, 1981; Majumder, 2005; Uniyal and Hore, 2009; Anjali and Prakash, 2012; Lawania and Mathur, 2014a, b, c, d)

- West Bengal (Stoliczka, 1869; Pocock, 1900; Tikader, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Roy *et al.*, 2009, 2010; Sankari and Thiyagesan, 2010; Majumder and Talukdar, 2013; Sen *et al.*, 2009b, 2015; Saha *et al.*, 2017)

Elsewhere: Australia, Bangladesh, China, Malaysia, Pakistan, Singapore, Sri Lanka,

### **125. *Cyrtophora citricola* (Forsskål, 1775)**

Syn. *Aranea citricola* Forsskål, 1775; *Araneus citricola* (Forsskål, 1775); *Epeira citricola* (Forsskål, 1775)

- Andaman and Nicobar Islands (Thorell, 1891)

- Andhra Pradesh (Majumder, 2005; Rao *et al.*, 2005; Palem *et al.*, 2016)

- Assam (Tikader and Biswas, 1981; Tikader,

1982; Chetia and Kalita, 2012; Das *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)

- Goa (Bastawade and Borkar, 2008; Halarnkar and Pai, 2018)

- Gujarat (Tikader, 1982; ; Patel and Vyas, 2001; Siliwal *et al.*, 2003a, b; Patel, 2003b; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Yadav and Kumar, 2019)

- Haryana (Malik and Goyal, 2017)

- Jammu and Kashmir (Chandra *et al.*, 2021)

- Karnataka (Pocock, 1900; Tikader, 1966a, 1982; Tikader and Biswas, 1981; ; Majumder, 2005; Nalini Bai and Ravindranatha, 2012; Bhat *et al.*, 2013; Murali *et al.*, 2017; Mubeen and Basavarajappa, 2018; Prashanthakumara and Venkateshwarlu, 2017)

- Kerala (Patel, 2003a; Sebastian *et al.*, 2005a, b; Adarsh and Nameer, 2015, 2016; Ambily and Antony, 2016; John and Tom, 2018; Jose *et al.*, 2018)

- Madhya Pradesh (Tikader and Biswas, 1981; Tikader, 1982; Gajbe, 2003a, b, 2004a; Patil, 2012)

- Maharashtra (Tikader, 1982; Majumder, 2005; Bastawade and Khandal, 2006; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Keswani and Vankhede, 2014; Nerlekar *et al.*, 2016; Sawane, 2016; Dhande *et al.*, 2017b; Shirbhate and Shirbhate, 2017)

- Manipur (Kananbala *et al.*, 2018)

- Odisha (Kumari, 1983; Biswas, 1987; Panda *et al.*, 2011; Mohapatra *et al.*, 2014)

- Punjab (Tikader, 1966a, 1982; Tikader and Biswas, 1981)

- Rajasthan (Tikader, 1966a; Tikader and Biswas, 1981; Tikader, 1982; Chauhan *et al.*, 2009; Sen *et al.*, 2009a; Kaur *et al.*, 2014; Lawania and Trigunayat, 2015; Kumari *et al.*, 2017; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

- Tamil Nadu (Pocock, 1900; Tikader, 1966a,

1982; Karthikeyani *et al.*, 2017)

- Uttar Pradesh (Majumder, 2005; Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Anjali and Prakash, 2012; Lawania and Mathur, 2014a, b, c, d; Sharma and Singh, 2018a, b)

- Uttarakhand (Leardi in Airaghi, 1901; Siddhu *et al.*, 2020)

- West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2005)

Elsewhere: Africa, Brazil, China, Colombia, Costa Rica, Cuba, Dominican Rep, Japan, Middle East, Pakistan, Southern Europe

### **126. *Cyrtophora exanthematica* (Doleschall, 1859)**

- Assam (Pandit, 2019)

- Rajasthan (Sen *et al.*, 2009a; Saha *et al.*, 2015; Jangid *et al.*, 2019)

- Uttar Pradesh (Sharma and Singh, 2018a, b)

- West Bengal (Roy *et al.*, 2009, 2010; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Australia, China, Japan, Malaysia, Myanmar, Philippines

### **127. *Cyrtophora feae* Thorell, 1887**

- Assam (Chetia and Kalita, 2012)

- Goa (Bastawade and Borkar, 2008)

- Gujarat (Patel, 2003b; Yadav *et al.*, 2017)

- Kerala (Sebastian *et al.*, 2011)

- Meghalaya (Bhattacharya *et al.*, 2017)

- Odisha (Majumder, 2005; De and Palita, 2018)

- Rajasthan (Lawania and Trigunayat, 2015)

- Uttar Pradesh (Lawania and Mathur, 2014a, b)

- West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2005)

Elsewhere: Myanmar

### **128. *Cyrtophora jabaipurensis* Gajbe and Gajbe, 1999\***

- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)

- Madhya Pradesh (Gajbe and Gajbe, 1999; Gajbe, 2003a, b, 2004a; Patil, 2012)

- Uttar Pradesh (Hore and Uniyal, 2008a, b)

### **129. *Cyrtophora ksudra* Sherriffs, 1928\***

- Karnataka (Sherriffs, 1928)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

### **130. *Cyrtophora moluccensis* (Doleschall, 1857)**

Syn. *Epeira moluccensis* Doleschall, 1857; *Araneus moluccensis* (Doleschall, 1857)

- Andaman and Nicobar Islands (Tikader, 1977, 1982)

- Assam (Chetia and Kalita, 2012; Singh *et al.*, 2012; Gupta *et al.*, 2015; Basumatary and Brahma, 2017)

- Karnataka (Tikader, 1982; Kokilamani *et al.*, 2019)

- Kerala (Pocock, 1900; Tikader, 1982; Sebastian *et al.*, 2011; Malamel and Sudhikumar, 2020)

- Madhya Pradesh (Tikader, 1970, 1982)

- Maharashtra (Meshram, 2011; Rithe, 2012;

More and Sawant, 2013; Sawane, 2016; Maheshwari *et al.*, 2018)

- Rajasthan (Lawania and Trigunayat, 2015; Malhotra *et al.*, 2019; Kashmeera *et al.*, 2020)

- Sikkim (Tikader, 1970, 1982)

- Tamil Nadu (Pocock, 1900; Tikader, 1970; Kapoor, 2008; Karthikeyani *et al.*, 2017; Dharmaraj *et al.*, 2018)

- Uttar Pradesh (Uniyal and Hore, 2009; Lawania and Mathur, 2014a, b)

- Uttarakhand (Quasin and Uniyal, 2011, 2013; Uniyal *et al.*, 2011)

- West Bengal (Tikader, 1970, 1982; Biswas and Biswas, 1992; Majumder and Talukdar, 2013;

Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Australia, China, Fiji, French Polynesia, Indonesia, Japan, Malaysia, Micronesia, Palau, Papua New Guinea, Singapore, Solomon Is., Taiwan, Tonga,

### **131. *Cyrtophora unicolor* (Doleschall, 1857)**

Syn. *Epeira unicolor* Doleschall, 1857; *Araneus unicolor* (Doleschall, 1857))

- Karnataka (Bhat *et al.*, 2013)
- Kerala (Adarsh and Nameer, 2015; Malamel, 2018; Malamel and Sudhikumar, 2020)
- Nagaland (Pocock, 1900)
- Odisha (De and Palita, 2018)
- Tripura (Dey *et al.*, 2013)
- Uttar Pradesh (Hore and Uniyal, 2008c)

Elsewhere: Australia, Indonesia, Malaysia, New Guinea, Philippines, Sri Lanka,

### **132. *Cyrtophora* sp.**

- Bihar (Priyadarshini *et al.*, 2015)
- Chhattisgarh (Kujur and Ekka, 2016)
- Gujarat (Parasharya and Pathan, 2013)
- Jammu and Kashmir (Punjoo and Bhat, 2015)
- Karnataka (Bhat *et al.*, 2013)
- Kerala (Sebastian *et al.*, 2005a; Nataraj *et al.*, 2018)
- Tamil Nadu (Sugumaran *et al.*, 2007)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)
- Uttarakhand (Uniyal *et al.*, 2011)

### **133. *Eriophora* sp.**

- Arunachal Pradesh (Chetry and Moran, 2019)
- Assam (Chetia and Kalita, 2012)
- Tamil Nadu (Kapoor, 2008)
- Uttarakhand (Uniyal *et al.*, 2011; Uniyal *et al.*, 2011; Quasin and Uniyal, 2013)

### **134. *Eriovixia excelsa* (Simon, 1889)**

Syn. *Araneus excelsus* (Simon 1889); *Glyptogona excelsa* Simon, 1889; *Neoscona excelsus* (Simon 1889)

- Andhra Pradesh (Palem *et al.*, 2016)
- Arunachal Pradesh (Saha *et al.*, 2016)
- Assam (Das *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017)
- Bihar (Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005)
- Chhattisgarh (Tikader and Bal, 1981; Tikader and Biswas, 1981; Ekka and Kujur, 2015)
- Delhi (Malik *et al.*, 2015)
- Gujarat (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Patel and Vyas, 2001; Patel, 2003b; Majumder, 2005; Siliwal *et al.*, 2003a, b; Parmar *et al.*, 2015; Yadav *et al.*, 2017; Yadav and Kumar, 2019)
- Haryana (Malik and Goyal, 2017)
- Jammu and Kashmir (Chandra *et al.*, 2021)
- Jharkhand (Tikader, 1982)
- Karnataka (Nautiyal *et al.*, 2017; Mubeen and Basavarajappa, 2018; Nijagal *et al.*, 2020)
- Kerala (Sebastian *et al.*, 2005a; Sudhikumar *et al.*, 2005a; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
- Madhya Pradesh (Gajbe, 2004c)
- Maharashtra (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005; Meshram, 2011; Rithe, 2012; Keswani and Vankhede, 2014; Nerlekar *et al.*, 2016; Sawane, 2016; Shirbhate and Shirbhate, 2017)
- Meghalaya (Roy *et al.*, 2017b)
- Odisha (Gravely, 1921; Tikader and Bal, 1981; Tikader and Biswas, 1981; Biswas, 1987; Siliwal and Molur, 2008; Siliwal *et al.*, 2008; Mohapatra *et al.*, 2014)
- Punjab (Kumari, 1983)
- Rajasthan (Chauhan *et al.*, 2009; Kaur *et al.*, 2014; Lawania and Trigunayat, 2015; Kumari *et*

*al.*, 2017; Lawania and Mathur, 2017; Jangid *et al.*, 2019)

- Tamil Nadu (Simon, 1906; Sherriffs, 1929; Kapoor, 2008; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017; Caleb, 2020a)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Singh and Singh, 2014; Sharma and Singh, 2018a, b)

- Uttarakhand (Simon, 1889)

- West Bengal (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2004, 2005; Majumder and Talukdar, 2013; Roy *et al.*, 2009, 2010; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: China, Indonesia, Pakistan, Philippines, Taiwan

### **135. *Eriovixia gryffindori* Ahmed *et al.*, 2016\***

- Karnataka (Ahmed *et al.*, 2016; Abhijith, 2019)

### **136. *Eriovixia kachugaonensis* Basumatary *et al.*, 2019\***

- Assam (Basumatary *et al.*, 2019)

### **137. *Eriovixia laglaizei* (Simon, 1877)**

Syn. *Araneus laglaizei* (Simon, 1877); *Epeira laglaizei* Simon, 1877; *Epeira laglaizei* (Simon, 1877); *Neoscona laglaizei* (Simon, 1877)

- Andhra Pradesh (Rao *et al.*, 2005)

- Assam (Ahmed *et al.*, 2015c)

- Goa (Bastawade and Borkar, 2008; Halarnkar and Pai, 2018)

- Gujarat (Siliwal *et al.*, 2003a, b; Yadav *et al.*, 2017)

- Karnataka (Bhat *et al.*, 2013)

- Kerala (Patel, 2003a; Sebastian *et al.*, 2005a, b; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015; John and Tom, 2018; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)

- Madhya Pradesh (Gajbe, 2003b)

- Maharashtra (Bastawade and Khandal, 2006;

Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Shirbhate and Shirbhate, 2017)

- Manipur (Kananbala *et al.*, 2018)

- Odisha (Choudhury *et al.*, 2019)

- Puducherry (Simon, 1906)

- Tamil Nadu (Pocock, 1900; Simon, 1906; Sherriffs, 1919; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Hore and Uniyal, 2008a; Kapoor, 2008; Uniyal and Hore, 2009; Karthikeyani *et al.*, 2017; Dharmaraj *et al.*, 2018; Caleb, 2020a; Caleb and Karthikeyani, 2020)

- Uttar Pradesh (Hore and Uniyal, 2008b; Singh and Singh, 2014; Sharma and Singh, 2018a, b)

- Uttarakhand (Simon, 1889; Pocock, 1900; Gupta and Siliwal, 2012; Pooja *et al.*, 2019; Siddhu *et al.*, 2020)

- West Bengal (Biswas and Biswas, 1992; Sen *et al.*, 2015)

Elsewhere: Africa, Bangladesh, China, Indonesia, Malaysia, New Guinea, Philippines,

### **138. *Eriovixia palawanensis* (Barrion and Litsinger, 1995)**

Syn. *Tukaraneus palawanensis* Barrion and Litsinger, 1995

- Tamil Nadu (Caleb and Karthikeyani, 2020)

- West Bengal (Sen *et al.*, 2011, 2015)

Elsewhere: Philippines

### **139. *Eriovixia patulus* (Barrion and Litsinger, 1995)**

- Kerala (Asalatha and Prasad, 2019; Sumesh and Sudhikumar, 2020)

Elsewhere: Philippines

### **140. *Eriovixia poonaensis* (Tikader and Bal, 1981)**

Syn. *Neoscona poonaensis* Tikader and Bal, 1981

- Gujarat (Patel, 2003b; Yadav *et al.*, 2017; Solanki *et al.*, 2020)

- Karnataka (Bhat *et al.*, 2013)

- Kerala (Sunil Jose *et al.*, 2008; Sebastian *et al.*, 2011; Smitha and Sudhikumar, 2020)
- Madhya Pradesh (Gajbe, 2003b)
- Maharashtra (Tikader and Bal, 1981; Tikader and Biswas, 1981; Bastawade and Khandal, 2006; Nerlekar *et al.*, 2016)
- Odisha (Ramakrishna *et al.*, 2006)
- Uttarakhand (Gupta and Siliwal, 2012)
- West Bengal (Tikader, 1982; Biswas and Biswas, 1992)

Elsewhere: China

#### **141. *Eriovixia sakiedaorum* Tanikawa, 1999**

- Kerala (Asalatha and Prasad, 2019; Sumesh and Sudhikumar, 2020)
- Maharashtra (Bhuvad *et al.*, 2011)

Elsewhere: China, Japan, Taiwan

#### **142. *Eriovixia* sp.**

- Assam (Gupta *et al.*, 2015)
- Chhattisgarh (Kujur and Ekka, 2016)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Parmar, 2013)
- Karnataka (Murali *et al.*, 2017; Rao *et al.*, 2018)
- Kerala (Sebastian *et al.*, 2005a)
- Uttarakhand (Uniyal *et al.*, 2011)

#### **143. *Gasteracantha cancriformis* (Linnaeus, 1758)**

- Assam (Ahmed *et al.*, 2015c)
- Karnataka (Kokilamani *et al.*, 2019)
- Maharashtra (Shirbhate and Shirbhate, 2017)
- Punjab (Singh S *et al.*, 2020)
- Tamil Nadu (Kapoor, 2008; Karthikeyani *et al.*, 2017)
- West Bengal (Majumder and Talukdar, 2013)

Elsewhere: Caribbean; Central, North and South America; Hawaii

#### **144. *Gasteracantha dalyi* Pocock, 1900**

- Assam (Chetia and Kalita, 2012)
- Kerala (Joseph *et al.*, 1998; Sudhikumar *et al.*, 2005a; Sebastian *et al.*, 2011; Joseph *et al.*, 2017)
- Maharashtra (More and Sawant, 2013; Lanka *et al.*, 2017)
- Meghalaya (Bhattacharya *et al.*, 2017)
- Tamil Nadu (Pocock, 1900; Sherriffs, 1929; Tikader, 1982; Kapoor, 2008; Karthikeyani *et al.*, 2017)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

Elsewhere: Pakistan

#### **145. *Gasteracantha diadestia* Thorell, 1887**

- Andaman and Nicobar Islands (Pocock, 1900; Sherriffs, 1929; Tikader, 1982)
- Arunachal Pradesh (Chetry and Moran, 2019)
- Assam (Chetia and Kalita, 2012; Gupta *et al.*, 2015; Saha *et al.*, 2015)
- Meghalaya (Biswas and Majumder, 1995; Roy *et al.*, 2017b)
- Mizoram (Biswas and Biswas, 2007)
- Rajasthan (Jangid *et al.*, 2019)
- Sikkim (Tikader, 1970, 1982; Biswas and Majumder, 1995; Saha *et al.*, 2016)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)

- West Bengal (Tikader, 1970, 1982; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder and Talukdar, 2013; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: China, Malaysia, Philippines, Thailand

#### **146. *Gasteracantha diardi* (Lucas, 1835)**

Syn. *Gasteracantha pavesi* O. Pickard-Cambridge, 1879

- Lakshadweep (Sherriffs, 1929)

Elsewhere: China, Indonesia, Laos, Malaysia, Thailand

**147. *Gasteracantha fornicata* (Fabricius, 1775)**

- Tripura (Das and Deb, 2020)
- West Bengal (Ghosh *et al.*, 2018)

Elsewhere: Australia

**148. *Gasteracantha frontata* Blackwall, 1864**

- East India (Blackwall, 1864; Dahl, 1914)

**149. *Gasteracantha geminata* (Fabricius, 1798)**

Syn. *Aranea geminata* Fabricius, 1798

- Andhra Pradesh (Rao *et al.*, 2005)
- Goa (Bastawade and Borkar, 2008; Pandit and Dharwadkar, 2020)
- Gujarat (Parmar *et al.*, 2015; Parmar, 2018)
- Karnataka (Pocock, 1900; Sherriffs, 1929; Tikader, 1982; Bhat *et al.*, 2013; Prashanthakumara and Venkateshwarlu, 2017; Vaibhav *et al.*, 2017; Mubeen and Basavarajappa, 2018; Rao *et al.*, 2018; Caleb, 2020a)
- Kerala (Joseph *et al.*, 1998; Patel, 2003a; Sebastian *et al.*, 2005a, b; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015, 2016; Sankaran *et al.*, 2015; Rajeevan *et al.*, 2019; Caleb, 2020a)
- Maharashtra (Bastawade and Khandal, 2006; More and Sawant, 2013)
- Odisha (Choudhury *et al.*, 2019)
- Puducherry (Simon, 1885a)
- Tamil Nadu (Fabricius, 1798; Sherriffs, 1919; Reimoser, 1934; Tikader, 1982; Sivaperuman and Thiyakesan, 1999; Sugimaran *et al.*, 2007; Kapoor, 2008; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017; Caleb, 2020a, b)
- Tripura (Das and Deb, 2020)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

Elsewhere: Sri Lanka

**150. *Gasteracantha kuhli* C.L. Koch, 1837**

Syn. *Gasteracantha leucomelaena* (Doleschall, 1859); *Gasteracantha annamita* Simon, 1886

- Andaman and Nicobar Islands (Simon, 1886; Pocock, 1900; Tikader and Biswas, 1981; Tikader, 1982)
- Arunachal Pradesh (Chetry and Moran, 2019)
- Assam (Tikader, 1982; Hazarika and Chakraborti, 1998; Chetia and Kalita, 2012; Singh *et al.*, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017)
- Bihar (Tikader, 1982)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Patel, 2003b; Siliwal *et al.*, 2003b; Parmar *et al.*, 2015; Yadav *et al.*, 2017)
- Kerala (Patel, 2003a; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015)
- Maharashtra (Sherriffs, 1929; More and Sawant, 2013)
- Manipur (Kananbala *et al.*, 2018)
- Meghalaya (Biswas and Majumder, 1995; Bhattacharya *et al.*, 2017; Roy *et al.*, 2017b)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Biswas, 1987; De and Palita, 2018)
- Sikkim (Tikader, 1970, 1982; Biswas and Majumder, 1995; Biswas and Biswas, 2007; Saha *et al.*, 2016)
- Tamil Nadu (Kapoor, 2008; Muthukumaravel *et al.*, 2013)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)
- West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder and Talukdar, 2013; Roy *et al.*, 2009, 2010; Sen *et al.*,

2009b, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Roy *et al.*, 2017a; Ghosh *et al.*, 2018)

Elsewhere: China, Indonesia, Japan, Korea, Micronesia, Philippines, Vietnam

**151. *Gasteracantha remifera* Butler, 1873**

- Kerala (Subramanian, 1955; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Dhali *et al.*, 2019)
- Maharashtra (Tikader, 1982; Bastawade and Khandal, 2006; More and Sawant, 2013)
- Tamil Nadu (Tikader, 1982; Kapoor, 2008; Karthikeyani *et al.*, 2017)

Elsewhere: Sri Lanka

**152. *Gasteracantha sororna* Butler, 1873\***

- Karnataka (Sherriffs, 1929)
- Kerala (Joseph *et al.*, 1998)
- Tamil Nadu (Butler, 1873; Pocock, 1900)

**153. *Gasteracantha taeniata* (Walckenaer, 1837)**

- Puducherry (Leardi in Airaghi, 1902)

Elsewhere: Australia, Malaysia, Malaysia, New Guinea, Polynesia

**154. *Gasteracantha unguifera* Simon, 1889**

- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)
- Gujarat (Siliwal *et al.*, 2003b; Yadav *et al.*, 2017)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008)
- Sikkim (Tikader, 1970, 1982; Biswas and Biswas, 2006; Saha *et al.*, 2016)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Biswas and Majumder, 2000)
- Uttarakhand (Simon, 1889; Pocock, 1900; Tikader, 1970)
- West Bengal (Biswas and Biswas, 1992; Majumder and Talukdar, 2013; Raychaudhuri *et al.*, 2016)

Elsewhere: China

**155. *Gasteracantha versicolor formosa* Vinson, 1863**

Syn. *Gasteracantha formosa* Vinson, 1863

- Puducherry (Leardi in Airaghi, 1902)

Elsewhere: Madagascar

**156. *Gasteracantha* sp.**

- Delhi (Malik *et al.*, 2015)
- Gujarat (Siliwal *et al.*, 2003b)
- Kerala (Patel, 2003a)
- Maharashtra (Deshmukh and Chaudhari, 2016)
- Tamil Nadu (Kapoor, 2008; Muthukumaravel *et al.*, 2013)
- Uttar Pradesh (Hore and Uniyal, 2008a, b)

**157. *Gea spinipes* C.L. Koch, 1843**

- Assam (Ahmed *et al.*, 2015c)
- Goa (Pandit and Dharwadkar, 2020)
- Gujarat (Parmar, 2018, 2020)
- Himachal Pradesh (Chakrabarti, 2009)
- Karnataka (Prashanthakumara and Venkateshwarlu, 2017)
- Kerala (Adarsh and Nameer, 2015; Joseph *et al.*, 2017)
- Maharashtra (More and Sawant, 2013; Sawane, 2016)
- Odisha (Choudhury *et al.*, 2019)

Elsewhere: China, Indonesia, Malaysia, Myanmar, Taiwan

**158. *Gea subarmata* Thorell, 1890**

Syn. *Gea corbetti* Tikader, 1982

- Assam (Saha *et al.*, 2015; Roy *et al.*, 2017a)
- Gujarat (Yadav *et al.*, 2017; Dal and Trivedi, 2020)
- Karnataka (Nijagal *et al.*, 2020)



- Kerala (Jose *et al.*, 2018; Sumesh and Sudhikumar, 2020)
- Maharashtra (Bastawade, 2006; Bhuvad *et al.*, 2011; Maheshwari *et al.*, 2018)
- Tamil Nadu (Easwaramoorthy *et al.*, 1994)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Singh and Singh, 2014; Sharma and Singh, 2018a, b)

• Uttarakhand (Tikader, 1982; Uniyal and Hore, 2006)

• West Bengal (Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015)

Elsewhere: Bangladesh, Japan, Myanmar, New Guinea, Philippines

**159. *Gea zaragosa* Barrion and Litsinger, 1995**

• West Bengal (Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Philippines

**160. *Gea* sp.**

• Gujarat (Parmar *et al.*, 2015)

• Kerala (Sunil Jose *et al.*, 2008; Sebastian *et al.*, 2011)

• Uttar Pradesh (Hore and Uniyal, 2008a, b)

• Uttarakhand (Gupta and Siliwal, 2012; Pooja *et al.*, 2019)

**161. *Gibbaranea bituberculata* (Walckenaer, 1802)**

Syn. *Araneus bituberculatus* Walckenaer, 1802

• Delhi (Malik *et al.*, 2015)

• Gujarat (Yadav *et al.*, 2017)

• Himachal Pradesh (Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005)

• Karnataka (Bhat *et al.*, 2013; Nautiyal *et al.*, 2017)

• Kerala (Patel, 2003a; Sebastian *et al.*, 2005a,

2011)

• Maharashtra (Pande *et al.*, 2019)

• Rajasthan (Kumari *et al.*, 2017)

• West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2004, 2005; Majumder and Talukdar, 2013; Chandra *et al.*, 2021)

Elsewhere: Central Asia, China, Europe, Iran, Israel, Japan, Russia, Turkey

**162. *Gibbaranea indiana* Roy *et al.*, 2015\***

• West Bengal (Roy *et al.*, 2015, 2017a)

**163. *Herennia multipuncta* (Doleschall, 1859)**

Syn. *Epeira mammillaris* Stoliczka, 1869; *Herennia ornatissima* (Doleschall, 1859)

• Andhra Pradesh (Sen *et al.*, 2015)

• Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)

• Assam (Stoliczka, 1869; Chetia and Kalita, 2012; Singh *et al.*, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Basumatary and Brahma, 2017)

• Chhattisgarh (Gajbe, 2003b, 2005)

• Goa (Tikader, 1982; Gajbe, 2005; Pandit and Pai, 2017; Bastawade and Borkar, 2008; Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)

• Gujarat (Patel, 2003b; Yadav *et al.*, 2017)

• Karnataka (Bhat *et al.*, 2013; Vaibhav *et al.*, 2017; Mubeen and Basavarajappa, 2018; Fernandes and Ganesh, 2020)

• Kerala (Pocock, 1900; Subramanian, 1955;

Patel, 2003a; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015; Rajeevan *et al.*, 2019)

• Madhya Pradesh (Gajbe, 2005)

• Maharashtra (Bastawade and Khandal, 2006; More and Sawant, 2013)

• Meghalaya (Tikader, 1982; Biswas and Majumder, 1995; Saha *et al.*, 2016; Bhattacharya *et al.*, 2017)

• Mizoram (Biswas and Biswas, 2007)

- Odisha (Siliwal and Molur, 2008)
- Rajasthan (Sivaperuman and Rathore, 2004; Kashmeera *et al.*, 2020)
- Tamil Nadu (Pocock, 1900; Sherriffs, 1919; Tikader, 1982; Gajbe, 2005; Sugimaran *et al.*, 2007; Karthikeyani *et al.*, 2017; Dharmaraj *et al.*, 2018)
- Telangana (Rao *et al.*, 2005)
- West Bengal (Majumder and Talukdar, 2013; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Borneo, China, Malaysia, Myanmar, Sulawesi, Vietnam

#### **164. *Herennia* sp.**

- Karnataka (Bhat *et al.*, 2013)
- Tamil Nadu (Kapoor, 2008)

#### **165. *Hypsosinga satpuraensis* Bodkhe *et al.*, 2016\***

- Madhya Pradesh (Bodkhe *et al.*, 2016)

#### **166. *Hypsosinga* sp.**

- Jammu and Kashmir (Khan, 2011)

#### **167. *Larinia bhataratae* Bhandari and Gajbe, 2001\***

- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Madhya Pradesh (Bhandari and Gajbe, 2001; Gajbe, 2003a, 2004a; Patil, 2012)

#### **168. *Larinia chloris* Audoin (1826)**

- Delhi (Malik *et al.*, 2015)
- Gujarat (Siliwal *et al.*, 2003a; Kumar and Shivakumar, 2006; Yadav *et al.*, 2017)
- Jammu and Kashmir (Chandra *et al.*, 2021)
- Karnataka (Mubeen and Basavarajappa, 2018)
- Madhya Pradesh (Gajbe, 2003a, b, 2004a; Patil, 2012)
- Maharashtra (Tikader, 1982; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Sawane, 2016; Shirbhate and Shirbhate, 2017)

- Meghalaya (Biswas and Majumder, 1995)

- Rajasthan (Kaur *et al.*, 2014; Lawania and Trigunayat, 2015; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

- Uttar Pradesh (Uniyal and Hore, 2009)

- Uttarakhand (Biswas and Biswas, 2010)

- West Bengal (Biswas and Biswas, 1992; Raychaudhuri *et al.*, 2016)

Elsewhere: Algeria, Bangladesh, Egypt, Iran, Israel, Libya, Sri Lanka, Turkey, Yemen

#### **169. *Larinia emertoni* Gajbe and Gajbe, 2004\***

- Chhattisgarh (Kujur and Ekka, 2016)

- Jammu and Kashmir (Chandra *et al.*, 2021)

- Madhya Pradesh (Gajbe and Gajbe, 2004a; Gajbe, 2004a; Patil, 2012)

- Maharashtra (Rithe, 2012; More and Sawant, 2013; Sawane, 2016)

- Rajasthan (Lawania and Trigunayat, 2015)

- Tamil Nadu (Karthikeyani, 2013)

- Uttar Pradesh (Lawania and Mathur, 2014a; Sharma and Singh, 2018b)

#### **170. *Larinia jaysankari* Biswas, 1984\***

- Assam (Biswas and Biswas, 1992; Majumder, 2005)

- Kerala (Biswas, 1984; Majumder, 2005)

- Odisha (Majumder, 2005)

- West Bengal (Biswas, 1984; Biswas and

Biswas, 1992; Majumder, 2005; Majumder and Talukdar, 2013)

#### **171. *Larinia kanpurae* Patel and Nigam, 1994\***

- Uttar Pradesh (Patel and Nigam, 1994; Sharma and Singh, 2018a)

#### **172. *Larinia lineata* (Lucas, 1846)**

- Maharashtra (Shirbhate and Shirbhate, 2017)

Elsewhere: Western Mediterranean

#### **173. *Larinia mandlaensis* Gajbe, 2005\***

- Madhya Pradesh (Gajbe, 2005)

**174. *Larinia phthisica* (L. Koch, 1871)**

Syn. *Larinia chhagani* Patel, 1975

- Gujarat (Patel, 1975a; Tikader, 1982; Siliwal *et al.*, 2003b; Patel, 2003b; Majumder, 2005; Parmar and Acharya, 2015; Yadav *et al.*, 2017)
- Kerala (Sen *et al.*, 2015; Joseph *et al.*, 2017)
- Maharashtra (Bastawade, 2008; Lanka *et al.*, 2017)
- Odisha (Biswas, 1987; Mohapatra *et al.*, 2014)
- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b; Chandra *et al.*, 2021)
- Uttarakhand (Biswas and Biswas, 2010)
- West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013; Sen *et al.*, 2015)

Elsewhere: Australia, Bangladesh, China, Greece, Japan, Papua New Guinea, Philippines, Turkmenistan, Usbeckistan, Vietnam

**175. *Larinia teiraensis* Biswas and Biswas, 2007\***

- Mizoram (Biswas and Biswas, 2007)

**176. *Larinia tyloridia* Patel, 1975\***

- Gujarat (Patel, 1975a; Patel and Reddy, 1990; Patel, 2003b; Siliwal *et al.*, 2003b; Parmar *et al.*, 2015)

**177. *Larinia* sp.**

- Chhattisgarh (Ekka and Kujur, 2015)
- Goa (Pandit and Pai, 2017)
- Gujarat (Siliwal *et al.*, 2003b)
- Karnataka (Nautiyal *et al.*, 2017)
- Madhya Pradesh (Gajbe, 2004c)
- Maharashtra (Khan *et al.*, 2019)
- Tamil Nadu (Ganesh Kumar and Velusamy, 1996; Caleb, 2020b)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

- Uttarakhand (Gupta and Siliwal, 2012)

**178. *Lariniaria argiopiformis* (Bösenberg and Strand, 1906)**

- Maharashtra (Bhuvad *et al.*, 2011; Shirbhate and Shirbhate, 2017)

Elsewhere: China, Japan, Korea, Russia

**179. *Larinioides patagiatus* (Clerck, 1757)**

Syn. *Epeira patagiata* (Clerck, 1757)

- Puducherry (Leardi in Airaghi, 1902)

Elsewhere: Caucasus, Central Asia, China, Europe, Japan, Mongolia, North America, Russia, Turkey

**180. *Lipocrea epeiroides* (Pickard-Cambridge, 1872)**

- Madhya Pradesh (Sharma and Sharma, 2015)
- Maharashtra (Keswani and Vankhede, 2013)

Elsewhere: Cyprus, Greece, Israel, Italy, Turkey, Yemen

**181. *Lipocrea fusiformis* (Thorell, 1877)**

Syn. *Larinia quadrinotata* Simon, 1889

- Gujarat (Yadav *et al.*, 2017; Solanki *et al.*, 2020)
- Maharashtra (More and Sawant, 2013)
- Uttarakhand (Simon, 1889)

Elsewhere: Bangladesh, Indonesia, Japan, Malaysia, Myanmar, Philippines

**182. *Lipocrea* sp.**

- Gujarat (Yadav *et al.*, 2017)

**183. *Macracantha arcuata* (Fabricius, 1793)**

Syn. *Gasteracantha arcuata* Fabricius, 1793

- Assam (Molur *et al.*, 2004)
- Kerala (Subramanian, 1955)
- Meghalaya (Tikader, 1982; Biswas and Majumder, 1995)

- Sikkim (Tikader, 1982; Biswas and Majumder, 1995)

- Tamil Nadu (Kapoor, 2008)

- West Bengal (Tikader, 1961b)

Elsewhere: Cambodia, China, Indonesia, Myanmar, Sri Lanka, Thailand

#### **184. *Macracantha hasselti* (C. L. Koch, 1837)**

Syn. *Gasteracantha hasselti* C.L. Koch, 1837; *Gasteracantha helva* Blackwall, 1864

- Andaman and Nicobar Islands (Majumder, 2005)

- Assam (Pocock, 1900; Tikader, 1982; Tikader and Biswas, 1981; Das *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)

- East India (Blackwall, 1864)

- Goa (Bastawade and Borkar, 2008; Pandit and Dharwadkar, 2020)

- Gujarat (Patel, 2003b; Siliwal *et al.*, 2003b; Patel, 2003b; Parmar *et al.*, 2015; Yadav and Kumar, 2019)

- Karnataka (Vaibhav *et al.*, 2017; Mubeen and Basavarajappa, 2018; Abhijith, 2019)

- Kerala (Patel, 2003a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015)

- Maharashtra (Bastawade and Khandal, 2006; Lanka *et al.*, 2017)

- Meghalaya (Roy *et al.*, 2017b)

- Mizoram (Biswas and Biswas, 2007)

- Odisha (Gravely, 1921; Biswas, 1987; Siliwal and Molur, 2008; Panda *et al.*, 2011)

- Sikkim (Pocock, 1900; Tikader, 1970, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 2007)

- Tamil Nadu (Sherriffs, 1929; Sugimaran *et al.*, 2007; Kapoor, 2008; Karthikeyani, 2013)

- Tripura (Biswas and Majumder, 2000; Dey *et al.*, 2013)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Sharma and Singh,

2018a, b)

- West Bengal (Tikader, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2004, 2005; Majumder and Talukdar, 2013; Sen *et al.*, 2015; Ghosh *et al.*, 2018)

Elsewhere: China, Indonesia, Malaysia, Thailand, Vietnam

#### **185. *Neogea nocticolor* (Thorell, 1887)**

Syn. *Argiope lalita* Sherriffs, 1928

- Karnataka (Sherriffs, 1928; Tikader, 1982; Majumder, 2005)

- Kerala (Joseph *et al.*, 2017)

- Meghalaya (Nakambam *et al.*, 2021)

- West Bengal (Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2005)

Elsewhere: Indonesia, Malaysia, Myanmar, Singapore

#### **186. *Neoscona achine* (Simon, 1906)**

Syn. *Araneus achine* Simon, 1906

- Assam (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Majumder, 1995)

- Gujarat (Parmar *et al.*, 2015; Dal and Trivedi, 2020)

- Himalayan plateaus (Simon, 1906)

- Jammu and Kashmir (Punjoo and Bhat, 2015)

- Karnataka (Murali *et al.*, 2017)

- Maharashtra (Vairale and Wagh, 2021)

- Manipur (Kananbala *et al.*, 2018)

- Meghalaya (Biswas and Majumder, 1995)

- Sikkim (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Majumder, 1995)

- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011)

Elsewhere: China

#### **187. *Neoscona adianta* (Walckenaer, 1802)**

Syn. *Epeira adianta* Walckenaer, 1805; *Miranda pictilis* Koch, 1837

- Andaman and Nicobar Islands (Thorell, 1891)
- Kerala (Rajeevan *et al.*, 2019)
- Maharashtra (Shirbhate and Shirbhate, 2017)
- Puducherry (Leardi in Airaghi, 1902)
- Uttar Pradesh (Mishra *et al.*, 2012a)

Elsewhere: China, Europe, Japan, Korea, North Africa to Central Asia, Russia

**188. *Neoscona bengalensis* Tikader and Bal, 1981**

- Andhra Pradesh (Rao *et al.*, 2005; Sen *et al.*, 2015)
- Assam (Chetia and Kalita, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017)
- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Goa (Bastawade and Borkar, 2008; Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)
- Gujarat (Siliwal *et al.*, 2003a, b; Parmar, 2013; Parmar *et al.*, 2015; Yadav *et al.*, 2017)
- Kerala (Sebastian *et al.*, 2005a; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
- Madhya Pradesh (Gajbe, 1995a, 2003b, 2004c; Gajbe and Singh, 1994)
- Maharashtra (Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Nerlekar *et al.*, 2016; Sawane, 2016; Shirbhate and Shirbhate, 2017; Deshmukh and Tekade, 2019; Misal *et al.*, 2019)
- Manipur (Biswas and Biswas, 2004; Kananbala *et al.*, 2018)
- Meghalaya (Biswas and Majumder, 1995; Roy *et al.*, 2017b; Nakambam *et al.*, 2021)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Mohapatra *et al.*, 2014; De and Palita, 2018)
- Punjab (Singh S *et al.*, 2020)
- Rajasthan (Jangid *et al.*, 2019)
- Tamil Nadu (Caleb, 2020b; Kadam and

Rajkumar, 2020)

- Telangana (Sailu *et al.*, 2017)
- Uttarakhand (Quasin and Uniyal, 2011; Gupta and Siliwal, 2012)
- West Bengal (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder, 2005; Talukdar and Majumder, 2008; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Chakraborty *et al.*, 2016; Raychaudhuri *et al.*, 2016; Basu *et al.*, 2017; Saha *et al.*, 2016)

Elsewhere: Bangladesh, Pakistan

**189. *Neoscona bihumpi* Patel, 1988\***

- Gujarat (Patel, 1988a; Yadav *et al.*, 2017)
- Haryana (Malik and Goyal, 2017)
- Maharashtra (Rithe, 2012)

**190. *Neoscona biswasi* Bhandari and Gajbe, 2001\***

- Assam (Chetia and Kalita, 2012)
- Chhattisgarh (Kujur and Ekka, 2016)
- Gujarat (Parmar, 2018, 2021)
- Madhya Pradesh (Bhandari and Gajbe, 2001; Gajbe, 2003a, b, 2004a, c)
- Maharashtra (Patil, 2012)
- Rajasthan (Malhotra *et al.*, 2019; Kashmeera *et al.*, 2020)
- Uttar Pradesh (Hore and Uniyal, 2008a, b)
- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011)

**191. *Neoscona bomdilaensis* Biswas and Biswas, 2006\***

- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)

**192. *Neoscona chrysanthusi* Tikader and Bal, 1981**

- Himachal Pradesh (Sen *et al.*, 2015)
- Madhya Pradesh (Patil *et al.*, 2013a)
- Maharashtra (Meshram, 2011; Sonali and Raja,

2015)

- Sikkim (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982)
- Uttarakhand (Gupta and Siliwal, 2012)
- West Bengal (Roy *et al.*, 2009, 2010; Sen *et al.*, 2015)

Elsewhere: Bhutan, Pakistan

**193. *Neoscona crucifera* (Lucas, 1838)**

- Bihar (Priyadarshini *et al.*, 2015, 2018)
- Karnataka (Shraddha and Chaturved, 2019)
- Kerala (Rajeevan *et al.*, 2019; Sumesh and Sudhikumar, 2020)
- Maharashtra (Shirbhate and Shirbhate, 2017; Deshmukh and Tekade, 2019)
- Rajasthan (Lawania and Mathur, 2017; Jangid *et al.*, 2019)
- Uttar Pradesh (Mishra *et al.*, 2012a)

Elsewhere: Canary Is, Hawaii, Madeira, North America

**194. *Neoscona dhruvai* Patel and Nigam, 1994\***

- Uttar Pradesh (Patel and Nigam, 1994; Sharma and Singh, 2018a, b )

**195. *Neoscona dhumani* Patel and Reddy, 1993\***

- Andhra Pradesh (Patel and Reddy, 1993)

**196. *Neoscona dyali* Gajbe, 2004\***

- Madhya Pradesh (Gajbe, 2004a; Patil, 2012)

**197. *Neoscona enucleata* (Karsch, 1879)**

Syn. *Araneus albertisii* Thorell, 1887

- Tamil Nadu (Sherriffs, 1929)

Elsewhere: Malaysia, Myanmar, Sri Lanka, Sumatra

**198. *Neoscona inusta* (L. Koch, 1871)**

Syn. *Araneus inustus* (L. Koch, 1871)

- Assam (Singh *et al.*, 2012)
- Gujarat (Parmar, 2013; Yadav, 2019)

- Jammu and Kashmir (Khan, 2006)

- Karnataka (Kokilamani *et al.*, 2019)

- Kerala (Mathew *et al.*, 2014)

- Mizoram (Chowdhury *et al.*, 2017)

- Uttar Pradesh (Khan and Mishra, 2003)

- Uttarakhand (Quasin and Uniyal, 2013)

Elsewhere: Australia, China, Malaysia, New Guinea, Philippines, Sumatra, Taiwan

**199. *Neoscona molemensis* Tikader and Bal, 1981**

- Chhattisgarh (Gajbe, 2005)

- Goa (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005; Gajbe, 2005; Bastawade and Borkar, 2008)

- Gujarat (Siliwal *et al.*, 2003b; Yadav *et al.*, 2017)

- Karnataka (Deshpande and Paul, 2016; Sharma and Ramakrishna, 2021)

- Kerala (Sebastian *et al.*, 2005a; Sumesh and Sudhikumar, 2020)

- Madhya Pradesh (Gajbe, 2003b, 2005; More and Sawant, 2013)

- Maharashtra (Meshram, 2011; Sawane, 2016)

- Odisha (Biswas, 1987)

- Tamil Nadu (Caleb, 2020a)

- Telangana (Hirur *et al.*, 2020)

- Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)

- West Bengal (Majumder, 2005; Chandra *et al.*, 2021)

Elsewhere: Bangladesh, Indonesia, Philippines

**200. *Neoscona moreli* (Vinson, 1863)**

Syn. *Neoscona neotheis* (Petrunkevitch, 1911)

- Tamil Nadu (Rajendran *et al.*, 2017)

Elsewhere: Africa, Argentina, Caribbean, Colombia, Cuba,, Madagascar, Mauritius, North America, Philippines, Réunion, Seychelles, Venezuela

## **201. *Neoscona mukerjei* Tikader, 1980**

Syn. *Neoscona mukharji* Tikader, 1980

- Andhra Pradesh (Rao *et al.*, 2005; Palem *et al.*, 2016)
- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018)
- Assam (Chetia and Kalita, 2012; Singh *et al.*, 2012; Gupta *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)
- Bihar (Yadav *et al.*, 2016; Priyadarshini *et al.*, 2018)
- Chhattisgarh (Gajbe and Sharma, 1994; Gajbe, 2003b; Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Goa (Bastawade and Borkar, 2008; Pandit and Pai, 2017; Halarankar and Pai, 2018; Pandit and Dharwadkar, 2020)
- Gujarat (Patel and Pillai, 1988; Patel and Vyas, 2001; Siliwal *et al.*, 2003a, b; Patel, 2003b; Majumder, 2005; Sunil Jose *et al.*, 2008; Parasharya and Pathan, 2013; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017)
- Haryana (Malik and Goyal, 2017)
- Jammu and Kashmir (Thakur *et al.*, 1995; Khan, 2009; Khan and Rather, 2012; Sharma, 2014; Punjoo and Bhat, 2015; Chandra *et al.*, 2021)
- Karnataka (Nalini Bai and Ravindranatha, 2012; Bhat *et al.*, 2013; Murali *et al.*, 2017; Nautiyal *et al.*, 2017; Prashanthakumara and Venkateshwarlu, 2017; Mubeen and Basavarajappa, 2018; Kokilamani *et al.*, 2019)
- Kerala (Patel, 2003a; Sebastian *et al.*, 2005b; Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015; Ambily and Antony, 2016; John and Tom, 2018; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
- Madhya Pradesh (Gajbe, 1995b, 2003b, 2004a, b, c, 2005; Gajbe and Singh, 1994; Patil, 2012)
- Maharashtra (Tikader, 1980, 1982; Tikader and Bal, 1981; Tikader and Biswas, 1981;

Majumder, 2005; Bastawade and Khandal, 2006; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Sawane, 2016; Shirbhate and Shirbhate, 2017; Deshmukh and Tekade, 2019)

- Manipur (Biswas and Biswas, 2004; Saha *et al.*, 2016; Kananbala *et al.*, 2018)
- Meghalaya (Biswas and Majumder, 1995; Bhattacharya *et al.*, 2017; Nakambam *et al.*, 2021)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Biswas, 1987; Siliwal and Molur, 2008; Siliwal *et al.*, 2008; Panda *et al.*, 2011; De and Palita, 2018)
- Punjab (Singh S *et al.*, 2020)
- Rajasthan (Chauhan *et al.*, 2009; Kaur *et al.*, 2014; Lawania and Trigunayat, 2015; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)
- Tamil Nadu (Kapoor, 2008; Siliwal *et al.*, 2008; Karthikeyani, 2013; Dharmaraj *et al.*, 2018; Caleb, 2020a)
- Telangana (Sailu *et al.*, 2017)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Kumar *et al.*, 2017; Chandra *et al.*, 2021)
- Uttarakhand (Uniyal and Hore, 2006; Quasin and Uniyal, 2011, 2013; Uniyal *et al.*, 2011; Pooja *et al.*, 2019)
- West Bengal (Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Bangladesh, Pakistan

## **202. *Neoscona murthyi* Patel and Reddy, 1990\***

- Gujarat (Patel and Reddy, 1990; Patel, 2003b; Parmar and Acharya, 2015; Yadav *et al.*, 2017)

## **203. *Neoscona nautica* (L. Koch, 1875)**

Syn. *Araneus nauticus* L. Koch, 1875

- Andhra Pradesh (Palem *et al.*, 2016)
- Arunachal Pradesh (Chetry and Moran, 2019)
- Assam (Majumder, 2005; Chetia and Kalita, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)
- Bihar (Priyadarshini *et al.*, 2015, 2018)
- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Gujarat (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Siliwal *et al.*, 2003b; Majumder, 2005; Parmar *et al.*, 2015; Yadav *et al.*, 2017; Yadav and Kumar, 2019)
- Karnataka (Nalini Bai and Ravindranatha, 2012; Deshpande and Paul, 2016; Prashanthakumara and Venkateshwarlu, 2017)
- Kerala (Sunil Jose *et al.*, 2008; Malamel and Sudhikumar, 2020)
- Madhya Pradesh (Gajbe, 2003b, 2004a, 2005; Patil, 2012)
- Maharashtra (Pocock, 1900; Tikader, 1966a; Tikader and Bal, 1981; Tikader and Biswas, 1981; Meshram, 2011; Rithe, 2012; More and Sawant, 2013; Majumder, 2005; Keswani and Vankhede, 2014; Sawane, 2016; Shirbhate and Shirbhate, 2017)
- Manipur (Biswas and Biswas, 2004; Kananbala *et al.*, 2018)
- Meghalaya (Tikader and Bal, 1981; Tikader and Biswas, 1981; Biswas and Majumder, 1995; Majumder, 2005; Bhattacharya *et al.*, 2017)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Gravely, 1921; Biswas, 1987; Siliwal and Molur, 2008; Panda *et al.*, 2011; Mohapatra *et al.*, 2014)
- Punjab (Kumari, 1983)
- Rajasthan (Tikader, 1966a; Kumari *et al.*, 2017; Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

- Tamil Nadu (Sherriffs, 1919; Ganesh Kumar and Velusamy, 1996; Kapoor, 2008; Karthikeyani, 2013; Caleb, 2020b)
- Uttar Pradesh (Mishra *et al.*, 2012b; Singh and Singh, 2014; Sharma and Singh, 2018a, b; Yadav and Prakash, 2021)
- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011; Gupta and Siliwal, 2012; Siddhu *et al.*, 2020)
- West Bengal (Pocock, 1900; Tikader, 1966a; Tikader and Bal, 1981; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder, 2004, 2005; Talukdar and Majumder, 2008; Majumder and Talukdar, 2013; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Basu *et al.*, 2017)

Elsewhere: Africa, Asia, Pacific Islands, North and South America

#### **204. *Neoscona odites* (Simon, 1906)\***

Syn. *Araneus odites* Simon, 1906

- Assam (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Basumatary and Brahma, 2017)
- Gujarat (Parmar, 2013; Parmar *et al.*, 2015)
- Himalayan plateaus (Simon, 1906)
- Karnataka (Deshpande and Paul, 2016; Sharma and Ramakrishna, 2021)
- Kerala (Joseph and Premila, 2016)
- Madhya Pradesh (Gajbe, 2003b; Patil *et al.*, 2013a, b)
- Maharashtra (Meshram, 2011; Sonali and Raja, 2015)
- Rajasthan (Kashmeera *et al.*, 2020)
- Sikkim (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)
- Uttarakhand (Biswas and Biswas, 2010)

#### **205. *Neoscona parambikulamensis* Patel, 2003\***



- Kerala (Patel, 2003a)
  - Maharashtra (More and Sawant, 2013)
- 206. *Neoscona pavidus* (Simon, 1906)**
- Syn. *Araneus pavidus* Simon, 1906
- Chhattisgarh (Ekka and Kujur, 2015; Kujur and Ekka, 2016)
  - Gujarat (Patel, 2003b; Yadav *et al.*, 2017)
  - Himalayan plateaus (Simon, 1906)
  - Jammu and Kashmir (Punjoo and Bhat, 2015)
  - Karnataka (Bhat *et al.*, 2013)
  - Kerala (Sudhikumar and Sebastian, 2005; Sunil Jose *et al.*, 2008; Sebastian *et al.*, 2011)
  - Madhya Pradesh (Gajbe, 2003b)
  - Maharashtra (Meshram, 2011; Sonali and Raja, 2015; Sawane, 2016)
  - Rajasthan (Chauhan *et al.*, 2009; Kumari *et al.*, 2017)
  - Uttarakhand (Biswas and Biswas, 2010)
  - West Bengal (Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Majumder, 2004, 2005; Majumder and Talukdar, 2013)

Elsewhere: China, Pakistan

**207. *Neoscona platnicki* Gajbe and Gajbe, 2000\***

- Madhya Pradesh (Gajbe and Gajbe, 2000; Gajbe, 2003b, 2004a, b, c; Patil, 2012)

**208. *Neoscona punctigera* (Doleschall, 1857)**

Syn. *Aranea punctigera* (Doleschall, 1857); *Epeira punctigera* Doleschall, 1857; *Neoscona lugubris* Walckenaer, 1837

- Andaman and Nicobar Islands (Thorell, 1892)
- Assam (Saha *et al.*, 2015)
- Gujarat (Patel, 1975b; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Patel, 2003b; Majumder, 2005; Palem *et al.*, 2016)
- Karnataka (Abhijith, 2019)

- Lakshadweep (Pocock, 1904)
- Madhya Pradesh (Patil *et al.*, 2013b)
- Maharashtra (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005; Bastawade and Khandal, 2006; Meshram, 2011; Sonali and Raja, 2015; Shirbhate and Shirbhate, 2017)
- Meghalaya (Roy *et al.*, 2017b)
- Punjab (Singh S *et al.*, 2020)
- Tamil Nadu (Kadam and Rajkumar, 2020)
- West Bengal (Majumder, 2004, 2005; Roy *et al.*, 2017a; Sen *et al.*, 2011; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Basu *et al.*, 2017; Chandra *et al.*, 2021)

Elsewhere: Australia, China, Indonesia, Japan, Korea, Myanmar, New Guinea, Philippines, Reunion

**209. *Neoscona raydakensis* Saha *et al.*, 1995\***

- West Bengal (Saha *et al.*, 1995)

**210. *Neoscona sanghi* Gajbe, 2004\***

- Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)
- Madhya Pradesh (Gajbe, 2004a; Patil, 2012)
- Maharashtra (Rithe, 2012; Wankhade *et al.*, 2012)

**211. *Neoscona sanjivani* Gajbe, 2004\***

- Chhattisgarh (Ekka and Kujur, 2015)
- Madhya Pradesh (Gajbe, 2004a; Patil, 2012)

**212. *Neoscona shillongensis* Tikader and Bal, 1981**

- Jammu and Kashmir (Khan, 2009, 2011)
- Maharashtra (Meshram, 2011; Sonali and Raja, 2015)
- Meghalaya (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Majumder, 1995)
- Tripura (Biswas and Majumder, 2000)

- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011)

- West Bengal (Majumder, 2004, 2005; Chandra *et al.*, 2021)

Elsewhere: China, Pakistan

### **213. *Neoscona sinhagadensis* (Tikader, 1975)**

Syn. *Araneus sinhagadensis* Tikader, 1975

- Chhattisgarh (Gajbe, 2003b)

- Gujarat (Siliwal *et al.*, 2003b; Trivedi, 2009; Yadav *et al.*, 2017)

- Madhya Pradesh (Gajbe, 2003b; Patil, 2012; Patil *et al.*, 2013a)

- Maharashtra (Tikader, 1975, 1982; Tikader and Bal, 1981; Tikader and Biswas, 1981; Rithe, 2012; Sonali and Raja, 2015; Sawane, 2016)

- Uttar Pradesh (Tandon and Lal, 1983)

- Uttarakhand (Gupta and Siliwal, 2012)

Elsewhere: China, Pakistan

### **214. *Neoscona subfusca* (C. L. Koch, 1837)**

- Gujarat (Parmar, 2018)

- Maharashtra (Rithe, 2012; Shirbhate and Shirbhate, 2017)

- Odisha (De and Palita, 2018)

Elsewhere: Africa, Caucasus, Central Asia, Middle East, Russia, Southern Europe, Turkey, Ukraine

### **215. *Neoscona theisi* (Walckenaer, 1837)**

Syn. *Araneus theisii* (Walckenaer, 1837); *Epeira braminica* Stoliczka, 1869; *Epeira theis* Walckenaer, 1837

- Andaman and Nicobar Islands (Thorell, 1892)

- Andhra Pradesh (Palem *et al.*, 2016)

- Assam (Ahmed *et al.*, 2015c; Basumatary and Brahma, 2017; Ahmed, 2018)

- Bihar (Yadav *et al.*, 2016)

- Chhattisgarh (Gajbe, 2003b; Ekka and Kujur, 2015)

- Goa (Pandit and Pai, 2017; Pandit and Dharwadkar, 2020)

- Gujarat (Patel, 1975b; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; ; Patel and Vyas, 2001; Siliwal *et al.*, 2003a, b; Patel, 2003b; Majumder, 2005; Kumar and Shivakumar, 2006; Parasharya and Pathan, 2013; Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017; Yadav and Kumar, 2019)

- Haryana (Malik and Goyal, 2017)

- Himachal Pradesh (Zamani *et al.*, 2020)

- Jammu and Kashmir (Thakur *et al.*, 1995; Khan, 2009, 2011; Khan and Rather, 2012; Punjoo and Bhat, 2015)

- Karnataka (Joshi and Venkateshwarlu, 2016; Nautiyal *et al.*, 2017)

- Kerala (Sebastian *et al.*, 2011)

- Madhya Pradesh (Gajbe, 2003b, 2004a, b; Sharma *et al.*, 2010; Patil, 2012; Keswani, 2014)

- Maharashtra (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005; Bastawade and Khandal, 2006; Rithe, 2012; Wankhade *et al.*, 2012; More and Sawant, 2013; Keswani and Vankhede, 2014; Deshmukh and Chaudhari, 2016; Nerlekar *et al.*, 2016; Sawane, 2016; Shirbhate and Shirbhate, 2017)

- Manipur (Biswas and Biswas, 2004; Kananbala *et al.*, 2018)

- Meghalaya (Biswas and Majumder, 1995; Nakambam *et al.*, 2021)

- Odisha (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Biswas, 1987; ; Majumder, 2005; De and Palita, 2018)

- Puducherry (Simon, 1906)

- Punjab (Anjali *et al.*, 2019; Singh S *et al.*, 2020; Zamani *et al.*, 2020)

- Rajasthan (Lawania and Mathur, 2017; Jangid *et al.*, 2019; Malhotra *et al.*, 2019)

- Tamil Nadu (Sherriffs, 1919; Siliwal *et al.*, 2008; Karthikeyani, 2013; Karthikeyani *et al.*, 2017; Caleb, 2020b)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Singh and Singh, 2014;

Chandra *et al.*, 2017; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)

- Uttarakhand (Leardi in Airaghi, 1901; Quasin and Uniyal, 2011, 2013; Uniyal *et al.*, 2011; Gupta and Siliwal, 2012; Pooja *et al.*, 2019; Siddhu *et al.*, 2020)

- West Bengal (Stoliczka, 1869; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder, 2004, 2005; Roy *et al.*, 2009; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Basu *et al.*, 2017)

Elsewhere: Australia, Bangladesh, Caucasus, China, Cyprus, Indonesia, Iran, Israel, Japan, Korea, Malaysia, Micronesia, New Guinea, Pacific Is, Pakistan, Philippines, Reunion, Seychelles, Taiwan, Tuvalu

#### **216. *Neoscona ujalalai* Reddy and Patel, 1992\***

- Andhra Pradesh (Reddy and Patel, 1992a)

#### **217. *Neoscona usbonga* Barrion and Litsinger, 1995**

- Kerala (Asalatha and Prasad, 2020)

#### **218. *Neoscona vigilans* (Blackwall, 1865)**

Syn. *Epeira rumpfi* Thorell, 1878; *Neoscona rumpfi* (Thorell, 1878); *Araneus rumpfi* (Thorell, 1878); *Aranea decens* (Thorell, 1877)

- Andhra Pradesh (Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005; Gajbe, 2005; Rao *et al.*, 2005)

- Assam (Saha *et al.*, 2015)

- Delhi (Malik *et al.*, 2015)

- Gujarat (Patel, 2003b; Parmar, 2013; Yadav *et al.*, 2017; Dal and Trivedi, 2020)

- Haryana (Malik and Goyal, 2017)

- Jammu and Kashmir (Punjoo and Bhat, 2015)

- Karnataka (Pocock, 1900; Strand, 1907; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; ;Majumder, 2005)

- Kerala (Patel, 2003a; Sebastian *et al.*, 2005a, b;

Sudhikumar *et al.*, 2005a; Sunil Jose *et al.*, 2008; Jose *et al.*, 2018)

- Madhya Pradesh (Gajbe, 2003b, 2004a, 2005, 2007)

- Maharashtra (Pocock, 1900; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2004; Meshram, 2011; More and Sawant, 2013; Keswani and Vankhede, 2014; More, 2015; Nerlekar *et al.*, 2016; Sawane, 2016; Shirbhate and Shirbhate, 2017)

- Manipur (Kananbala *et al.*, 2018)

- Mizoram (Chowdhury *et al.*, 2017)

- Odisha (Tikader and Bal, 1981; Tikader, 1982; Biswas, 1987; Majumder, 2005; Gajbe, 2005; Panda *et al.*, 2011; Mohapatra *et al.*, 2014; De and Palita, 2018)

- Punjab (Kumari, 1983)

- Tamil Nadu (Pocock, 1900; Sherriffs, 1919; Tikader and Bal, 1981; Tikader and Biswas, 1981; Tikader, 1982; Gajbe, 2005; Karthikeyani *et al.*, 2017; Caleb, 2020a, b)

- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)

- Uttarakhand (Quasin and Uniyal, 2011; Uniyal *et al.*, 2011; Gupta and Siliwal, 2012)

- West Bengal (Biswas and Biswas, 1992; Majumder, 2004, 2005; Saha and Raychaudhary, 2004b; Talukdar and Majumder, 2008; Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Basu *et al.*, 2017)

Elsewhere: Africa, Asia except Russia

#### **219. *Neoscona yptinika* Barrion and Litsinger, 1995**

- Assam (Saha *et al.*, 2015)

- Meghalaya (Roy *et al.*, 2017b)

- West Bengal (Sen *et al.*, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016; Basu *et al.*, 2017; Roy *et al.*, 2017a)

Elsewhere: Philippines

#### **220. *Neoscona* sp.**

- Bihar (Priyadarshini *et al.*, 2015)
- Chhattisgarh (Kujur and Ekka, 2016)
- Goa (Pandit and Pai, 2017; Halarnkar and Pai, 2018)
- Gujarat (Parasharya and Pathan, 2013; Parmar *et al.*, 2015)
- Jammu and Kashmir (Khan, 2009, 2011; Khan and Rather, 2012)
- Karnataka (Bhat *et al.*, 2013; Nautiyal *et al.*, 2017; Rao *et al.*, 2018)
- Kerala (Patel, 2003a; Sebastian *et al.*, 2005a; Adarsh and Nameer, 2015; Joseph and Premila, 2016; Jose *et al.*, 2018)
- Ladakh (Uniyal, 2006)
- Mizoram (Chowdhury *et al.*, 2017)
- Odisha (Siliwal and Molur, 2008; Siliwal *et al.*, 2008)
- Rajasthan (Sivaperuman and Rathore, 2004; Chauhan *et al.*, 2009; Lawania and Trigunayat, 2015; Kumari *et al.*, 2017; Malhotra *et al.*, 2019)
- Tamil Nadu (Ganesh Kumar and Velusamy, 1996; Sivaperuman and Thiyakesan, 1999; Sugumaran *et al.*, 2007; Kapoor, 2008; Siliwal *et al.*, 2008; Dharmaraj *et al.*, 2018)
- Tripura (Dey *et al.*, 2013)
- Uttar Pradesh (Lawania and Mathur, 2014a)
- Uttarakhand (Uniyal *et al.*, 2011; Pooja *et al.*, 2019)
- West Bengal (Talukdar and Majumder, 2008; Chakraborty *et al.*, 2016; Ghosh *et al.*, 2018)

**221. *Nephila dirangensis* Biswas and Biswas, 2006\***

- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018; Sankaran *et al.*, 2020)
- Uttarakhand (Biswas and Biswas, 2010)

**222. *Nephila kuhlii* (Doleschall, 1859)**

- Andhra Pradesh (Rao *et al.*, 2005)
- Assam (Chetia and Kalita, 2012; Singh *et al.*,

2012; Gupta *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)

- Bihar (Priyadarshini *et al.*, 2015, 2018)
- Goa (Pandit and Pai, 2017; Halarnkar and Pai, 2018; Pandit and Dharwadkar, 2020)
- Gujarat (Siliwal *et al.*, 2003b)
- Jammu and Kashmir (Chandra *et al.*, 2021)
- Karnataka (Abhijith, 2019; Sharma and Ramakrishna, 2021)
- Kerala (Sudhikumar *et al.*, 2005a; Adarsh and Nameer, 2015)
- Madhya Pradesh (Gajbe, 2003b, 2005)
- Maharashtra (More and Sawant, 2013; Lanka *et al.*, 2017)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Panda *et al.*, 2011)
- Rajasthan (Lawania and Trigunayat, 2015)
- Tamil Nadu (Sugimaran *et al.*, 2007; Kapoor, 2008; Karthikeyani, 2013)
- Tripura (Dey *et al.*, 2013)
- Uttar Pradesh (Lawania and Mathur, 2014a, b)
- Uttarakhand (Biswas and Biswas, 2010)
- West Bengal (Pocock, 1900; Tikader and Biswas, 1981; Tikader, 1982; Biswas and Biswas, 1992; Gajbe, 2005; Majumder and Talukdar, 2013)

Elsewhere: Indonesia, Malaysia

**223. *Nephila pilipes* (Fabricius, 1793)**

Syn. *Nephila maculata* (Fabricius, 1793); *Nephila robusta* Tikader, 1962

- Andaman and Nicobar Islands (Tikader, 1970, 1977, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992, 2006; Gajbe, 2005; Majumder, 2005)
- Andhra Pradesh (Srinivasulu, 2000; Rao *et al.*, 2005)
- Arunachal Pradesh (Biswas and Biswas, 2006; Caleb and Kumar, 2018; Chetry and Moran,

2019)

- Assam (Tikader, 1982; Singh *et al.*, 2012; Majumder, 2005; Chetia and Kalita, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)
  - Bihar (Bastawade and Borkar, 2008; Priyadarshini *et al.*, 2018)
  - Chhattisgarh (Bastawade and Khandal, 2006; Kujur and Ekka, 2016; Ekka and Kujur, 2015)
  - Goa (Bastawade and Khandal, 2006; Bastawade and Borkar, 2008; Pandit and Pai, 2017; Halarnkar and Pai, 2018; Pandit and Dharwadkar, 2020)
  - Gujarat (Tikader, 1982; Patel, 2003b; Siliwal *et al.*, 2003b; Majumder, 2005; Yadav *et al.*, 2017)
  - Jammu and Kashmir (Khan, 2011; Chandra *et al.*, 2021)
  - Karnataka (Pocock, 1900; Tikader, 1982; Nalini Bai and Ravindranatha, 2012; Bhat *et al.*, 2013; Prashanthakumara and Venkateshwarlu, 2017; Vaibhav *et al.*, 2017; Rao *et al.*, 2018)
  - Kerala (Pocock, 1900; Joseph *et al.*, 1998; Patel, 2003a; Sudhikumar *et al.*, 2005a; Bhat *et al.*, 2013; Adarsh and Nameer, 2015; Adarsh and Nameer, 2016; Ambily and Antony, 2016; Jose *et al.*, 2018; Rajeevan *et al.*, 2019)
  - Madhya Pradesh (Tikader, 1982; Gajbe, 2003b, 2004a, c; Gajbe and Singh, 1994; Patil, 2012)
  - Maharashtra (Tikader, 1982; Majumder, 2005; Meshram, 2011; More and Sawant, 2013; Bastawade and Khandal, 2006; Rithe, 2012; Sawane, 2016)
  - Manipur (Kananbala *et al.*, 2018)
  - Meghalaya (Tikader and Biswas, 1981; Biswas and Majumder, 1995, 2000; Biswas and Biswas, 2006; Bhattacharya *et al.*, 2017)
  - Mizoram (Biswas and Biswas, 2007)
  - Odisha (Biswas, 1987; Majumder, 2005; Ramakrishna *et al.*, 2006; Siliwal and Molur, 2008; Panda *et al.*, 2011; Mohapatra *et al.*, 2014; De and Palita, 2018)
  - Punjab (Chandra *et al.*, 2021)
  - Rajasthan (Lawania and Trigunayat, 2015; Jangid *et al.*, 2019)
  - Sikkim (Tikader, 1970, 1982; Biswas and Majumder, 1995; Majumder, 2005; Biswas and Biswas, 2006; Saha *et al.*, 2016)
  - Tamil Nadu (Pocock, 1900; Tikader, 1982; Venkatraman and Kapoor, 1999; Sugimaran *et al.*, 2007; Kapoor, 2008; Karthikeyani, 2013; Karthikeyani *et al.*, 2017)
  - Telangana (Rao *et al.*, 2005)
  - Tripura (Biswas and Majumder, 2000; Dey *et al.*, 2013)
  - Uttar Pradesh (Tikader, 1982; Majumder, 2005; Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Lawania and Mathur, 2014a, b; Sharma and Singh, 2018a, b)
  - Uttarakhand (Simon, 1889; Pocock, 1900; Tikader and Biswas, 1981; Gupta and Siliwal, 2012; Siddhu *et al.*, 2020)
  - West Bengal (Pocock, 1900; Tikader, 1962, 1970, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder and Talukdar, 2013; Sen *et al.*, 2015; Saha *et al.*, 2016; Raychaudhuri *et al.*, 2016; Ghosh *et al.*, 2018; Sankaran *et al.*, 2020)
- Elsewhere: Australia, China, Japan, Malaysia, New Guinea, Philippines, Vietnam

#### **224. *Nephila* sp.**

- Jammu and Kashmir (Khan and Rather, 2012; Chandra *et al.*, 2021)
- Karnataka (Bhat *et al.*, 2013; Rao *et al.*, 2018; Kokilamani *et al.*, 2019)
- Rajasthan (Lawania and Trigunayat, 2015)
- Uttar Pradesh (Lawania and Mathur, 2014a, b, c, d)

#### **225. *Nephilengys malabarensis* (Walckenaer, 1841)**

Syn. *Meteperira andmanensis* Tikader, 1977;  
*Nephila malabarensis* (Walckenaer, 1841)

• Andaman and Nicobar Islands (Pocock, 1900; Tikader, 1977, 1982; Biswas and Biswas, 1992)

• Assam (Das *et al.*, 2015; Pandit, 2019)

• Bihar (Tikader, 1982)

• Chhattisgarh (Bastawade and Borkar, 2008)

• Goa (Bastawade and Borkar, 2008)

• Jharkhand (Tikader, 1982)

• Karnataka (Strand, 1907; Prashanthakumara and Venkateshwarlu, 2017; Mubeen and Basavarajappa, 2018)

• Kerala (Pocock, 1900; Subramanian, 1955; Tikader, 1982; Patel, 2003a; Adarsh and Nameer, 2016)

• Maharashtra (Tikader, 1982; Bastawade and Khandal, 2006)

• Puducherry (Learidi in Airaghi, 1902)

• Tamil Nadu (Pocock, 1900; Tikader, 1982; Siliwal *et al.*, 2008; Karthikeyani *et al.*, 2017)

• Uttar Pradesh (Singh and Singh, 2014; Sharma and Singh, 2018a, b)

• Uttarakhand (Biswas and Biswas, 2010)

Elsewhere: Australia, China, Indonesia, Japan, Malaysia, Philippines,

**226. *Ordgarius hexaspinus* Saha and Raychaudhuri, 2004\***

• West Bengal (Saha and Raychaudhuri, 2004a)

**227. *Ordgarius hobsoni* (O. Pickard-Cambridge, 1877)**

Syn. *Cyrtarachne hobsoni* Pickard-Cambridge, 1877

• Gujarat (Kumar and Shivakumar, 2006; Thumar *et al.*, 2016; Yadav *et al.*, 2017)

• Kerala (Subramanian, 1955; Joseph *et al.*, 1998)

• Maharashtra (Pickard-Cambridge, 1877; Pocock, 1900; Tikader, 1965, 1982; Rithe, 2012)

Elsewhere: China, Japan, Sri Lanka

**228. *Ordgarius sexspinosus* (Thorell, 1894)**

Syn. *Cladomelea mundhva* Tikader, 1963

• Assam (Saha *et al.*, 2015)

• Gujarat (Thumar *et al.*, 2016)

• Kerala (Subramanian, 1955)

• Maharashtra (Tikader, 1963c, 1982)

Elsewhere: China, Indonesia, Japan, Korea, Malaysia

**229. *Ordgarius* sp.**

• Assam (Chetia and Kalita, 2012)

**230. *Paraplectana graveleyi* (Tikader, 1961)\***

Syn. *Cyrtarachne graveleyi* Tikader, 1961

• Kerala (Adarsh and Nameer, 2016)

• West Bengal (Tikader, 1961a, 1982; Biswas and Biswas, 1992; Majumder and Talukdar, 2013)

**231. *Paraplectana mamoniae* Basumatary and Brahma, 2019\***

• Assam (Basumatary and Brahma, 2019)

**232. *Paraplectana rajashree* Ahmed *et al.*, 2015\***

• Karnataka (Ahmed *et al.*, 2015a)

**233. *Parawixia dehaani* (Doleschall, 1859)**

Syn. *Araneus dehaanii* (Doleschall, 1859)

• Andaman and Nicobar Islands (Tikader, 1977)

• Assam (Tikader, 1970; Chetia and Kalita, 2012; Singh *et al.*, 2012; Das *et al.*, 2015; Gupta *et al.*, 2015; Saha *et al.*, 2015; Basumatary and Brahma, 2017; Ahmed, 2018)

• Goa (Bastawade and Borkar, 2008; Pandit and Dharwadkar, 2020)

• Gujarat (Siliwal *et al.*, 2003a, b)

• Karnataka (Pocock, 1900; Tikader, 1982; Tikader and Biswas, 1981; Majumder, 2005; Bhat *et al.*, 2013; Prashanthakumara and Venkateshwarlu, 2017)

• Kerala (Tikader, 1970; Patel, 2003a; Sunil Jose *et al.*, 2008; Adarsh and Nameer, 2015; Jose *et*

*al.*, 2018; Rajeevan *et al.*, 2019)

- Maharashtra (Bastawade and Khandal, 2006; Rithe, 2012; More and Sawant, 2013; Lanka *et al.*, 2017)
- Manipur (Kananbala *et al.*, 2018)
- Meghalaya (Roy *et al.*, 2017b)
- Mizoram (Biswas and Biswas, 2007)
- Odisha (Panda *et al.*, 2011; Mohapatra *et al.*, 2014)
- Sikkim (Tikader, 1970, 1982; Tikader and Biswas, 1981; Majumder, 2005; Biswas and Biswas, 2007)
- Tamil Nadu (Kapoor, 2008; Caleb, 2020a; Kadam and Rajkumar, 2020)
- Tripura (Biswas and Majumder, 2000)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009; Singh and Singh, 2014; Kumar *et al.*, 2017; Sharma and Singh, 2018a, b)
- Uttarakhand (Uniyal and Hore, 2006; Quasin and Uniyal, 2011; Uniyal *et al.*, 2011; Gupta and Siliwal, 2012)
- West Bengal (Tikader, 1970, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Kundu and Raychaudhuri, 1997; Majumder, 2005; Roy *et al.*, 2009, 2010; Sen *et al.*, 2009b, 2015; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: Bangladesh, Indonesia, Malaysia, New Guinea, Philippines

#### **234. *Parawixia* sp.**

- Arunachal Pradesh (Chetry and Moran, 2019)
- Gujarat (Yadav *et al.*, 2017)
- Rajasthan (Jangid *et al.*, 2019)
- Uttar Pradesh (Hore and Uniyal, 2008a, b; Uniyal and Hore, 2009)
- Uttarakhand (Uniyal *et al.*, 2011)

#### **235. *Pasilobus kotigeharus* Tikader, 1963\***

- Assam (Saha *et al.*, 2015)
- Karnataka (Tikader, 1963c, 1982; Saha *et al.*,

2017)

- Kerala (Sen *et al.*, 2015; Asalatha *et al.*, 2017)
- Maharashtra (More, 2015)
- West Bengal (Saha and Raychaudhuri, 2004a; Sen *et al.*, 2015; Roy *et al.*, 2017a; Saha *et al.*, 2017)

#### **236. *Phonognatha* sp.**

- Odisha (Siliwal and Molur, 2008)

#### **237. *Plebs himalayaensis* (Tikader, 1975)\***

Syn. *Araneus himalayaensis* Tikader, 1975; *Eriophora himalayaensis* (Tikader, 1975)

- Jammu and Kashmir (Punjoo and Bhat, 2015)
- Karnataka (Majumder and Talukdar, 2013; Vaibhav *et al.*, 2017)
- Kerala (Sudhikumar *et al.*, 2005a; Sebastian *et al.*, 2011; Ambily and Antony, 2016)
- Maharashtra (Majumder and Talukdar, 2013; More and Sawant, 2013; More, 2015; Lanka *et al.*, 2017)
- Odisha (Choudhury *et al.*, 2019)
- Uttarakhand (Uniyal *et al.*, 2011; Pooja *et al.*, 2019)
- West Bengal (Tikader, 1975, 1982; Tikader and Biswas, 1981; Majumder and Talukdar, 2013)

#### **238. *Plebs mitratus* (Simon, 1895)\***

Syn. *Araneus mitratus* Simon, 1895

- Kerala (Paul *et al.*, 2016; Joseph *et al.*, 2017)
- Tamil Nadu (Simon, 1895; Sherriffs, 1919)

#### **239. *Poltys bhabanii* (Tikader, 1970)\***

Syn. *Caerostris bhabanii* Tikader, 1970

- Gujarat (Yadav *et al.*, 2017; Parmar, 2018; Yadav, 2019; Solanki *et al.*, 2020)
- Sikkim (Tikader, 1970, 1982)
- West Bengal (Saha and Raychaudhary, 2004b)

#### **240. *Poltys bhavnagarensis* Patel, 1988\***

- Gujarat (Patel, 1988b; Yadav *et al.*, 2017)

**241. *Poltys columnaris* Thorell, 1890**

- Gujarat (Solanki *et al.*, 2020)
- Maharashtra (Kulkarni and Smith, 2013)
- Tamil Nadu (Kulkarni and Smith, 2013)

Elsewhere: Indonesia, Japan, Sri Lanka

**242. *Poltys godrejii* Bastawade and Khandal, 2006\***

- Maharashtra (Bastawade and Khandal, 2006)

**243. *Poltys illepidus* C.L. Koch, 1843**

- Lakshadweep (Pocock, 1904)
- Madhya Pradesh (Keswani, 2014)
- Maharashtra (More and Sawant, 2013; More, 2015; Shirbhate and Shirbhate, 2017)
- Tamil Nadu (Sherriffs, 1919)
- Uttar Pradesh (Uniyal and Hore, 2009; Singh and Singh, 2014; Sharma and Singh, 2018a, b)

**244. *Poltys nagpurensis* Tikader, 1982**

Syn. *Poltys illepidus* C.L. Koch, 1843, m.i. by Keshwani, 2015b; Rajoria, 2015c

- Gujarat (Yadav *et al.*, 2017; Solanki *et al.*, 2020)
- Maharashtra (Tikader, 1982; Majumder, 2005; Rithe, 2012; More and Sawant, 2013; Sawane, 2016; Shirbhate and Shirbhate, 2017)
- Odisha (Choudhury *et al.*, 2019)
- Tamil Nadu (Caleb, 2020b)
- West Bengal (Majumder, 2004, 2005; Chandra *et al.*, 2021)

Elsewhere: Iran

**245. *Poltys pogonias* Thorell, 1891\***

- Andaman and Nicobar Islands (Thorell, 1891)

**246. *Poltys rehmanii* Bastawade and Khandal, 2006\***

- Maharashtra (Bastawade and Khandal, 2006)

**247. *Poltys* sp.**

- Goa (Pandit and Dharwadkar, 2020)

- Gujarat (Siliwal *et al.*, 2003b; Parmar *et al.*, 2015)

- Jammu and Kashmir (Sharma, 2014)

- Kerala (Jose *et al.*, 2018)

- Uttar Pradesh (Hore and Uniyal, 2008a, b)

**248. *Porcataraneus bengalensis* (Tikader, 1975)**

Syn. *Chorizopes bengalensis* Tikader, 1975

- Karnataka (Vaibhav *et al.*, 2017)

- Kerala (Sudhikumar *et al.*, 2005a; Sebastian *et al.*, 2011; Sumesh and Sudhikumar, 2020; Smitha and Sudhikumar, 2020)

- Maharashtra (Rithe, 2012; Shirbhate and Shirbhate, 2017)

- Tamil Nadu (Dharmaraj *et al.*, 2018)

- West Bengal (Tikader, 1975, 1982; Biswas and Biswas, 1992; Majumder and Talukdar, 2013; Raychaudhuri *et al.*, 2016)

Elsewhere: China

**249. *Prasonica insolens* (Simon, 1909)**

- Tamil Nadu (Grasshoff, 1971)

Elsewhere: Java, Vietnam

**250. *Singa chota* Tikader, 1970\***

- Maharashtra (Tikader and Biswas, 1981)

- Sikkim (Tikader, 1970; Tikader and Biswas, 1981; Majumder, 2005)

- West Bengal (Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2005; Chandra *et al.*, 2021)

**251. *Singa haddoensis* Tikader, 1977\***

- Andaman and Nicobar Islands (Tikader, 1977)

**252. *Singa myrrhea* (Simon, 1895)\***

Syn. *Araneus myrrheus* Simon, 1895

- Tamil Nadu (Simon, 1895)

**253. *Singa* sp.**

- Gujarat (Yadav *et al.*, 2017; Solanki *et al.*, 2020)



**254. *Thelacantha brevispina* (Doleschall, 1857)**

Syn. *Gasteracantha brevispina* (Doleschall, 1857); *Stanneoclavis canningensis* Stoliczka, 1869; *Stanneoclavis canningensis* (Stoliczka, 1869); *Gasteracantha mammosa* C.L. Koch, 1844

• Andaman and Nicobar Islands (Thorell, 1892; Pocock, 1900; Tikader, 1970, 1977, 1982; Tikader and Biswas, 1981; Majumder, 2005)

• Andhra Pradesh (Javed *et al.*, 2010)

• Bihar (Tikader, 1970, 1982; Tikader and Biswas, 1981; ; Majumder, 2005)

• Goa (Pandit and Dharwadkar, 2020)

• Gujarat (Parmar *et al.*, 2015; Prajapati *et al.*, 2016; Yadav *et al.*, 2017)

• Karnataka (Sherriffs, 1929; Bhat *et al.*, 2013; Kokilamani *et al.*, 2019; Shraddha and Chaturved, 2019)

• Kerala (Patel, 2003a; Nataraj *et al.*, 2018)

• Lakshadweep (Pocock, 1904)

• Madhya Pradesh (Sharma and Sharma, 2015)

• Maharashtra (Tikader, 1970, 1982; Tikader and Biswas, 1981; Majumder, 2005; Rithe, 2012; More and Sawant, 2013; Keswani and Vankhede, 2014; More, 2015; Bastawade and Khandal, 2006; Shirbhate and Shirbhate, 2017; Maheshwari *et al.*, 2018)

• Meghalaya (Pocock, 1900; Tikader, 1970, 1982; Tikader and Biswas, 1981; Majumder, 2005)

• Odisha (Gravely, 1921; Tikader, 1970, 1982; Tikader and Biswas, 1981; Biswas, 1987; Majumder, 2005; Siliwal and Molur, 2008; De and Palita, 2018)

• Puducherry (Leardi in Airaghi, 1902)

• Sikkim (Tikader and Biswas, 1981; Tikader, 1982; Majumder, 2005)

• Tamil Nadu (Simon, 1885b; Pocock, 1900; Sherriffs, 1919, 1929; Tikader, 1970, 1982; Tikader and Biswas, 1981; Majumder, 2005; Siliwal *et al.*, 2008; Caleb, 2020b)

• Uttar Pradesh (Majumder, 2005)

• Uttarakhand (Pocock, 1900; Tikader, 1970, 1982; Tikader and Biswas, 1981; Quasin and Uniyal, 2011; Uniyal *et al.*, 2011)

• West Bengal (Stoliczka, 1869; Pocock, 1900; Sherriffs, 1929; Tikader, 1970, 1982; Tikader and Biswas, 1981; Biswas and Biswas, 1992; Majumder, 2005; Majumder and Talukdar, 2013)

Elsewhere: Australia, China, Fiji, French Polynesia, Hawaii, Japan, Madagascar, Malaysia, Mauritius, New Guinea, Pakistan, Philippines, Sumatra, Taiwan

**255. *Thelacantha* sp.**

• Tamil Nadu (Kadam and Rajkumar, 2020)

**256. *Trichonephila antipodiana* (Walckenaer, 1837)**

Syn. *Argiope ornata* Blackwall, 1864; *Nephila ornata* Blackwall, 1864

• Karnataka (Simon, 1885a)

• Puducherry (Simon, 1885a)

Elsewhere: Australia, China, New Guinea, Malaysia, Philippines, Solomon Is.

**257. *Trichonephila clavata* (L. Koch, 1878)**

Syn. *Nephila clavata* (Koch, 1878); *Nephila obnubila* Simon, 1906

• Andaman and Nicobar Islands (Tikader, 1982)

• Bihar (Yadav, 2018)

• Chhattisgarh (Kujur and Ekka, 2016; Ekka and Kujur, 2015)

• Himalayan plateaus (Simon, 1906)

• Karnataka (Sharma and Ramakrishna, 2021)

• Lakshadweep (Tikader, 1982; Biswas and Majumder, 1995)

• Madhya Pradesh (Patil *et al.*, 2013b)

• Maharashtra (Tikader, 1982)

• Manipur (Kananbala *et al.*, 2018)

• Meghalaya (Pocock, 1900; Biswas and

Majumder, 1995)

- Mizoram (Biswas and Biswas, 2007)
- Sikkim (Tikader, 1970, 1982; Biswas and Majumder, 1995; Biswas and Biswas, 2007; Saha *et al.*, 2016)
- Uttar Pradesh (Kumar *et al.*, 2017; Yadav, 2018)
- Uttarakhand (Biswas and Biswas, 2010; Uniyal *et al.*, 2011)
- West Bengal (Pocock, 1900; Tikader, 1970, 1982; Biswas and Biswas, 1992; Majumder and Talukdar, 2013; Raychaudhuri *et al.*, 2016; Saha *et al.*, 2016)

Elsewhere: China, Japan, Korea

### **258. *Zilla diodia* (Walckenaer, 1802)**

- Rajasthan (Tikader, 1982)

Elsewhere: Caucasus, Europe, Iran, North Africa, Russia, Turkey

### **259. *Zilla globosa* Saha and Raychaudhuri, 2004\***

- Kerala (Joseph *et al.*, 2017)
- Maharashtra (More and Sawant, 2013)
- West Bengal (Saha and Raychaudhuri, 2004b)

### **260. *Zygiella x-notata* (Clerck, 1757)**

- Jammu and Kashmir (Caporiacco, 1935)

Elsewhere: Argentina, Caucasus, Chile, China, Europe, Japan, North America, Réunion, Turkey, Uruguay

### **261. *Zygiella sp.***

- Andhra Pradesh (Palem *et al.*, 2016)
- Assam (Ahmed *et al.*, 2015c)
- Karnataka (Nautiyal *et al.*, 2017)
- Kerala (Sebastian *et al.*, 2005a)
- Ladakh (Uniyal, 2006)
- Tamil Nadu (Kapoor, 2008; Dharmaraj *et al.*, 2018)
- Uttar Pradesh (Hore and Uniyal, 2008a, b;

Uniyal and Hore, 2009)

## **II. Species of Orb-weaver Spiders Seem to be Erratic Records**

### **1. *Araneus circe* (Audouin, 1826)**

- Maharashtra (Chapke, 2012)

Elsewhere: Bulgaria, Egypt, France, Hungary, Iran, Netherlands, Turkey

### **2. *Araneus cyrtarachnoides* (Keyserling, 1887)**

- Maharashtra (Chapke, 2012)

Elsewhere: Australia, New Guinea

### **3. *Araneus marmoreus* Clerck, 1757**

- Maharashtra (Dar, 2014)

Elsewhere: Caucasus, Central Asia, China, Europe, Iran, Japan, Korea, North America, Russia, Turkey

### **3. *Araneus praesignis* (L. Koch, 1872)**

- Maharashtra (Deshmukh and Tekade, 2019)

Elsewhere: Australia

### **4. *Araneus trifolium* (Hentz)**

- Jammu and Kashmir (Khan, 2011; Khan and Rather, 2012)

Elsewhere: Canada, USA

### **5. *Araneus viridiventris* Yaginuma, 1969**

- Karnataka (Abhijith, 2019)

Elsewhere: China, Japan, Taiwan

### **6. *Argiope argentata* (Fabricius, 1775)**

- Karnataka (Nijagal *et al.*, 2020)

Elsewhere: Argentina, USA to Chile

### **7. *Argiope aurantia* Lucas, 1833**

- Tamil Nadu (Muthukumaravel *et al.*, 2013)
- Uttar Pradesh (Anjali and Prakash, 2012)

Elsewhere: Canada, Cost Rica, USA

### **8. *Argiope keyserlingi* Karsch, 1878**

- Karnataka (Tabasum *et al.*, 2018)

Elsewhere: Australia

**9. *Argiope magnifica* L. Koch, 1871**

- Assam (Pandit, 2019)

Elsewhere: Australia, Solomon Is.

**10. *Argiope submaronica* Strand, 1916**

- Gujarat (Yadav *et al.*, 2017)

Elsewhere: Brazil, Mexico to Bolivia

**11. *Backobourkia brouni* (Urquhart, 1885)**

- Karnataka (Tabasum *et al.*, 2018)

Elsewhere: Australia, New Zealand

**12. *Cryptaranea* sp.**

- Kerala (Sumesh and Sudhikumar, 2020)

**13. *Cyclosa confusa* Bösenberg and Strand, 1906**

- Maharashtra (Chapke, 2012)

Elsewhere: China, Korea, Japan, Taiwan

**14. *Cyrtophora beccarii* (Thorell, 1878)**

- Maharashtra (Kelkar *et al.*, 2006)

Elsewhere: Australia, Laos, Malaysia, Singapore

**15. *Eriophora transmarina* (Keyserling, 1865)**

- Assam (Pandit, 2019)

Elsewhere: Australia, New Guinea, Samoa

**16. *Larinia directa* (Hentz, 1847)**

- Maharashtra (Deshmukh and Tekade, 2019)

Elsewhere: Brazil, Cuba, French Guiana, USA, Venezuela

**17. *Larinioides cornutus* (Clerck, 1757)**

- Karnataka (Tabasum *et al.*, 2018)

Elsewhere: Caucasus, China, Europe, Iran, Israel, Japan, Korea, North America, Russia, Turkey

**18. *Neoscona oaxacensis* (Keyserling, 1864)**

- Maharashtra (Asarkar and Ade, 2017)
- Tamil Nadu (Banu & Kannagi, 2016)

Elsewhere: Argentina, Galapagos Islands, Mexico, North America, Paraguay, Peru, Philippines

**19. *Neoscona scylla* (Karsch, 1879)**

- Karnataka (Kokilamani *et al.*, 2019)

Elsewhere: China, Japan, Korea, Russia

**20. *Nephila cornuta* (Pallas, 1772)**

Syn. *Nephila clavipes* Dahl, 1912

- Karnataka (Tabasum *et al.*, 2018)

Elsewhere: Guyana

**III. Checklist of Orb-weaver Spiders (Araneidae) in Indian States**

**1. Andhra Pradesh:** *Araneus bilunifer*, *Araneus fulvellus*, *Araneus mitificus*, *Argiope aemula*, *Argiope anasuja*, *Argiope catenulata*, *Argiope lobata*, *Argiope pulchella*, *Cyclosa confraga*, *Cyrtarachne bengalensis*, *Cyrtarachne inaequalis*, *Cyrtophora citricola*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Gasteracantha geminata*, *Herennia multipuncta*, *Neoscona bengalensis*, *Neoscona dhumani*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona theisi*, *Neoscona ujalalai*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Thelacantha brevispina*, *Zygiella* sp.

**2. Arunachal Pradesh:** *Araneus mitificus*, *Argiope catenulata*, *Argiope minuta*, *Argiope pulchella*, *Cyclosa bifida*, *Cyclosa moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa spirifera*, *Cyrtarachne schmidi*, *Eriophora* sp., *Eriovixia excelsa*, *Gasteracantha diademesia*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Herennia multipuncta*, *Neoscona bomdilaensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Nephila dirangensis*, *Nephila pilipes*, *Parawixia* sp.

**3. Assam:** *Acusilas coccineus*, *Araneus diadematus*, *Araneus ellipticus*, *Araneus mitificus*, *Argiope aemula*, *Argiope anasuja*, *Argiope caesarea*, *Argiope catenulata*, *Argiope magnifica*, *Argiope pulchella*, *Argiope trifasciata*, *Chorizopes* sp., *Cyclosa atrata*, *Cyclosa bifida*, *Cyclosa confraga*, *Cyclosa gossypiata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa mulmeinensis*, *Cyclosa neilensis*, *Cyclosa purnai*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyrtarachne avimerdaria*, *Cyrtarachne*

*inaequalis*, *Cyrtarachne nagasakiensis*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora exanthematica*, *Cyrtophora feae*, *Cyrtophora moluccensis*, *Eriophora transmarina*, *Eriovixia excelsa*, *Eriovixia kachugaonensis*, *Eriovixia laglaizei*, *Gasteracantha cancriformis*, *Gasteracantha dalyi*, *Gasteracantha diadesmia*, *Gasteracantha kuhli*, *Gea spinipes*, *Gea subarmata*, *Herennia multipuncta*, *Larinia jaysankari*, *Macracantha arcuata*, *Macracantha hasselti*, *Neoscona achine*, *Neoscona bengalensis*, *Neoscona biswasi*, *Neoscona inusta*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona odites*, *Neoscona punctigera*, *Neoscona theisi*, *Neoscona vigilans*, *Neoscona yptinika*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Ordgarius sexspinosus*, *Paraplectana mamoniae*, *Parawixia dehaani*, *Pasilobus kotigeharus*, *Zygiella* sp.

**4. Bihar:** *Araneus diadematus*, *Araneus mitificus*, *Argiope aemula*, *Argiope anasuja*, *Argiope lobata*, *Argiope pulchella*, *Cyclosa bifida*, *Cyrtophora* sp., *Eriovixia excelsa*, *Gasteracantha kuhli*, *Neoscona crucifera*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona theisi*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Thelacantha brevispina*, *Trichonephila clavata*

**5. Chhattisgarh:** *Araneus bastarensis*, *Araneus mitificus*, *Araneus nympha*, *Argiope aemula*, *Argiope anasuja*, *Argiope minuta*, *Argiope pulchella*, *Argiope trifasciata*, *Chorizopes tikaderi*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa moonduensis*, *Cyclosa spirifera*, *Cyrtophora bidenta*, *Cyrtophora jabaipurensis*, *Eriovixia excelsa*, *Herennia multipuncta*, *Larinia bharratae*, *Larinia emertoni*, *Neoscona bengalensis*, *Neoscona biswasi*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona pavidata*, *Neoscona sanghi*, *Neoscona sanjivani*, *Neoscona sinhagadensis*, *Neoscona theisi*, *Nephila pilipes*, *Nephilengys malabarensis*, *Trichonephila clavata*, *Macracantha hasselti*

**6. Goa:** *Anepsion maritatum*, *Arachnura angura*, *Araneus mitificus*, *Araneus viridisomus*, *Argiope*

*aemula*, *Argiope anasuja*, *Argiope pulchella*, *Chorizopes* sp., *Cyclosa bifida*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa spirifera*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora feae*, *Eriovixia laglaizei*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gea spinipes*, *Herennia multipuncta*, *Larinia* sp., *Macracantha hasselti*, *Neoscona bengalensis*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona theisi*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Parawixia dehaani*, *Polys* sp., *Thelacantha brevispina*

**7. Gujarat:** *Afracantha camerunensis*, *Allocyclosa bifurca*, *Araneus bilunifer*, *Araneus ellipticus*, *Araneus mitificus*, *Araneus pahalgaoensis*, *Argiope aemula*, *Argiope anasuja*, *Argiope caesarea*, *Argiope catenulata*, *Argiope lobata*, *Argiope minuta*, *Argiope pulchella*, *Argiope submaronica*, *Argiope trifasciata*, *Chorizopes anjanis*, *Chorizopes khanjanis*, *Chorizopes khedaensis*, *Chorizopes pateli*, *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa neilensis*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyrtarachne* sp., *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora feae*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia poonaensis*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Gea spinipes*, *Gea subarmata*, *Gibbaranea bituberculata*, *Herennia multipuncta*, *Larinia chloris*, *Larinia phthisica*, *Larinia tyloridia*, *Lipocrea fusiformis*, *Macracantha hasselti*, *Neoscona achine*, *Neoscona bengalensis*, *Neoscona bihumpi*, *Neoscona biswasi*, *Neoscona inusta*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona murthyi*, *Neoscona nautica*, *Neoscona odites*, *Neoscona pavidata*, *Neoscona punctigera*, *Neoscona sinhagadensis*, *Neoscona subfusca*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Ordgarius hobsoni*, *Ordgarius sexspinosus*, *Parawixia dehaani*, *Polys bhabanii*, *Polys bhavnagarensis*, *Polys columnaris*, *Polys nagpurensis*, *Singa* sp., *Thelacantha brevispina*

**8. Haryana:** *Cyrtophora citricola*, *Eriovixia*

*excelsa*, *Neoscona bihumpi*, *Neoscona mukerjei*,  
*Neoscona theisi*, *Neoscona vigilans*

**9. Himachal Pradesh:** *Araneus nympha*,  
*Araniella levii*, *Araniella maasdorpi*, *Araniella*  
*villanii*, *Gea spinipes*, *Gibbaranea bituberculata*,  
*Neoscona chrysanthusi*, *Neoscona theisi*

**10. Jharkhand:** *Argiope anasuja*, *Argiope lobata*,  
*Eriovixia excelsa*, *Nephilengys malabarensis*

**11. Karnataka:** *Acusilas coccineus*, *Anepsion*  
*maritatum*, *Arachnura angura*, *Araneus bilunifer*,  
*Araneus boeneri*, *Araneus decentellus*, *Araneus*  
*diadematus*, *Araneus mitificus*, *Araneus nox*,  
*Araneus nympha*, *Araneus viridisomus*, *Araneus*  
*viridiventris*, *Argiope aemula*, *Argiope anasuja*,  
*Argiope argentata*, *Argiope catenulata*, *Argiope*  
*keyserlingi*, *Argiope lobata*, *Argiope minuta*,  
*Argiope pulchella*, *Argiope taprobanica*,  
*Backobourkia brouni*, *Chorizopes*  
*quadrituberculata*, *Cyclosa bifida*, *Cyclosa*  
*confraga*, *Cyclosa hexatuberculata*, *Cyclosa*  
*insulana*, *Cyclosa moonduensis*, *Cyclosa*  
*mulmeinensis*, *Cyclosa quinqueguttata*, *Cyclosa*  
*spirifera*, *Cyclosa tubercens*, *Cyrtarachne*  
*raniceps*, *Cyrtarachne sunjoymongai*, *Cyrtophora*  
*cicatrosa*, *Cyrtophora citricola*, *Cyrtophora*  
*ksudra*, *Cyrtophora moluccensis*, *Cyrtophora*  
*unicolor*, *Eriovixia excelsa*, *Eriovixia gryffindori*,  
*Eriovixia laglaizei*, *Eriovixia poonaensis*,  
*Gasteracantha cancriformis*, *Gasteracantha*  
*geminata*, *Gasteracantha sororna*, *Gea spinipes*,  
*Gea subarmata*, *Gibbaranea bituberculata*,  
*Herennia multipuncta*, *Larinia chloris*, *Larinioides*  
*cornutus*, *Macracantha hasselti*, *Neogea*  
*nocticolor*, *Neoscona achine*, *Neoscona crucifera*,  
*Neoscona inusta*, *Neoscona molemensis*, *Neoscona*  
*mukerjei*, *Neoscona nautica*, *Neoscona odites*,  
*Neoscona pavidata*, *Neoscona punctigera*, *Neoscona*  
*scylla*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila*  
*cornuta*, *Nephila kuhlii*, *Nephila pilipes*,  
*Nephilengys malabarensis*, *Paraplectana*  
*rajashree*, *Parawixia dehaani*, *Pasilobus*  
*kotigeharus*, *Plebs himalayaensis*, *Porcataraneus*  
*bengalensis*, *Thelacantha brevispina*,  
*Trichonephila antipodiana*, *Trichonephila*  
*clavata*, *Zygiella* sp.

**12. Kerala:** *Acacesia* sp., *Acusilas coccineus*,

*Anepsion maritatum*, *Arachnura angura*,  
*Arachnura melanura*, *Araneus bilunifer*, *Araneus*  
*diadematus*, *Araneus ellipticus*, *Araneus mitificus*,  
*Araneus nympha*, *Argiope aemula*, *Argiope*  
*anasuja*, *Argiope catenulata*, *Argiope pulchella*,  
*Chorizopes anjanes*, *Chorizopes calciope*,  
*Chorizopes quadrituberculata*, *Cryptaranea* sp.,  
*Cyclosa bifida*, *Cyclosa confraga*, *Cyclosa*  
*hexatuberculata*, *Cyclosa insulana*, *Cyclosa*  
*moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa*  
*quinqueguttata*, *Cyclosa spirifera*, *Cyrtarachne*  
*inaequalis*, *Cyrtarachne raniceps*, *Cyrtophora*  
*bidentata*, *Cyrtophora cicatrosa*, *Cyrtophora*  
*citricola*, *Cyrtophora feae*, *Cyrtophora*  
*moluccensis*, *Cyrtophora unicolor*, *Eriovixia*  
*excelsa*, *Eriovixia laglaizei*, *Eriovixia patulusis*,  
*Eriovixia poonaensis*, *Eriovixia sakiedaorum*,  
*Gasteracantha dalyi*, *Gasteracantha geminata*,  
*Gasteracantha kuhli*, *Gasteracantha remifera*,  
*Gasteracantha sororna*, *Gea spinipes*, *Gea*  
*subarmata*, *Gibbaranea bituberculata*, *Herennia*  
*multipuncta*, *Larinia jaysankari*, *Larinia*  
*phthisica*, *Macracantha arcuata*, *Macracantha*  
*hasselti*, *Neogea nocticolor*, *Neoscona adianta*,  
*Neoscona bengalensis*, *Neoscona crucifera*,  
*Neoscona inusta*, *Neoscona molemensis*, *Neoscona*  
*mukerjei*, *Neoscona nautica*, *Neoscona odites*,  
*Neoscona parambikulamensis*, *Neoscona pavidata*,  
*Neoscona theisi*, *Neoscona usbonga*, *Neoscona*  
*vigilans*, *Nephila kuhlii*, *Nephila pilipes*,  
*Nephilengys malabarensis*, *Ordgarius hobsoni*,  
*Ordgarius sexspinosus*, *Paraplectana graveyi*,  
*Parawixia dehaani*, *Pasilobus kotigeharus*, *Plebs*  
*himalayaensis*, *Plebs mitratus*, *Poltya* sp.,  
*Porcataraneus bengalensis*, *Thelacantha*  
*brevispina*, *Zilla globosa*, *Zygiella* sp.

**13. Madhya Pradesh:** *Araneus bastarensis*,  
*Araneus ellipticus*, *Araneus mitificus*, *Araneus*  
*nympha*, *Argiope aemula*, *Argiope anasuja*,  
*Argiope lobata*, *Argiope minuta*, *Argiope*  
*pulchella*, *Argiope trifasciata*, *Chorizopes kastoni*,  
*Chorizopes khandaricus*, *Chorizopes tikaderi*,  
*Cyclosa bifida*, *Cyclosa confraga*, *Cyclosa*  
*hexatuberculata*, *Cyclosa insulana*, *Cyclosa*  
*moonduensis*, *Cyclosa spirifera*, *Cyrtarachne*  
*biswamoyi*, *Cyrtarachne inaequalis*, *Cyrtophora*  
*bidentata*, *Cyrtophora cicatrosa*, *Cyrtophora*

*citricola*, *Cyrtophora jabaipurensis*, *Cyrtophora moluccensis*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia poonaensis*, *Herennia multipuncta*, *Hypsosinga satpuraensis*, *Larinia bharaetae*, *Larinia chloris*, *Larinia emertoni*, *Larinia mandlaensis*, *Lipocrea epeiroides*, *Neoscona bengalensis*, *Neoscona biswasi*, *Neoscona chrysanthusi*, *Neoscona dyali*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona odites*, *Neoscona pavidata*, *Neoscona platnicki*, *Neoscona punctigera*, *Neoscona sanghi*, *Neoscona sanjivani*, *Neoscona sinhagadensis*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Poltys illepidus*, *Thelacantha brevispina*, *Trichonephila clavata*

**14. Maharashtra:** *Arachnura angura*, *Araneus anantnagensis*, *Araneus bastarensis*, *Araneus bilunifer*, *Araneus circe*, *Araneus cyrtarachnoides*, *Araneus diadematus*, *Araneus ellipticus*, *Araneus marmoreus*, *Araneus mitificus*, *Araneus pahalgaonensis*, *Araneus panchganiensis*, *Araneus praesignis*, *Araneus sponsus*, *Araneus viridisomus*, *Araniella cucurbitina*, *Argiope aemula*, *Argiope anasuja*, *Argiope catenulata*, *Argiope lobata*, *Argiope minuta*, *Argiope pulchella*, *Argiope trifasciata*, *Chorizopes anjanis*, *Chorizopes calciope*, *Chorizopes kastoni*, *Chorizopes khandaricus*, *Chorizopes khanjanis*, *Chorizopes khedaensis*, *Cyclosa bifida*, *Cyclosa confraga*, *Cyclosa confusa*, *Cyclosa conica*, *Cyclosa gossypata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa kumadai*, *Cyclosa moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa neilensis*, *Cyclosa purnai*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyclosa vankhedensis*, *Cyrtarachne avimerdaria*, *Cyrtarachne bengalensis*, *Cyrtarachne biswamoyi*, *Cyrtarachne inaequalis*, *Cyrtarachne promilai*, *Cyrtarachne raniceps*, *Cyrtarachne sundari*, *Cyrtophora beccarii*, *Cyrtophora bidenta*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora moluccensis*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia poonaensis*, *Eriovixia sakiedaorum*, *Gasteracantha cancriformis*, *Gasteracantha dalyi*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha remifera*, *Gea spinipes*, *Gea*

*subarmata*, *Gibbaranea bituberculata*, *Herennia multipuncta*, *Larinia chloris*, *Larinia directa*, *Larinia emertoni*, *Larinia lineata*, *Larinia phthisica*, *Lariniaria argiopiformis*, *Lipocrea epeiroides*, *Lipocrea fusiformis*, *Macracantha hasselti*, *Neoscona achine*, *Neoscona adianta*, *Neoscona bengalensis*, *Neoscona bihumpi*, *Neoscona biswasi*, *Neoscona chrysanthusi*, *Neoscona crucifera*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona oaxacensis*, *Neoscona odites*, *Neoscona parambikulamensis*, *Neoscona pavidata*, *Neoscona punctigera*, *Neoscona sanghi*, *Neoscona shillongensis*, *Neoscona sinhagadensis*, *Neoscona subfusca*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Ordgarius hobsoni*, *Ordgarius sexspinosus*, *Parawixia dehaani*, *Pasilobus kotigeharus*, *Plebs himalayaensis*, *Poltys columnaris*, *Poltys godrejii*, *Poltys illepidus*, *Poltys nagpurensis*, *Poltys rehmanii*, *Porcataraneus bengalensis*, *Singa chota*, *Thelacantha brevispina*, *Trichonephila clavata*, *Zilla globosa*

**15. Manipur:** *Araneus mitificus*, *Argiope aemula*, *Argiope minuta*, *Argiope pulchella*, *Cyclosa bifida*, *Cyclosa spirifera*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Eriovixia laglaizei*, *Gasteracantha kuhli*, *Neoscona achine*, *Neoscona bengalensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila pilipes*, *Parawixia dehaani*, *Trichonephila clavata*

**16. Meghalaya:** *Acusilas coccineus*, *Araneus ellipticus*, *Araneus mitificus*, *Araniella cucurbitina*, *Argiope aemula*, *Argiope minuta* Karsch, *Argiope pulchella*, *Argiope trifasciata*, *Chorizopes quadrituberculata*, *Cyclosa bifida*, *Cyclosa confraga*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa krusa*, *Cyclosa moonduensis*, *Cyclosa quinqueguttata*, *Cyclosa spirifera*, *Cyrtarachne avimerdaria*, *Cyrtarachne inaequalis*, *Cyrtophora feae*, *Eriovixia excelsa*, *Gasteracantha dalyi*, *Gasteracantha diadestia*, *Gasteracantha kuhli*, *Herennia multipuncta*, *Larinia chloris*, *Macracantha arcuata*, *Macracantha hasselti*, *Neogea nocticolor*, *Neoscona achine*, *Neoscona bengalensis*,

*Neoscona mukerjei*, *Neoscona nautica*, *Neoscona punctigera*, *Neoscona shillongensis*, *Neoscona theisi*, *Neoscona yptinika*, *Nephila pilipes*, *Parawixia dehaani*, *Thelacantha brevispina*, *Trichonephila clavata*

**17. Mizoram:** *Araneus ellipticus*, *Araneus nympha*, *Argiope aemula*, *Argiope pulchella*, *Cyclosa confragata*, *Cyclosa spirifera*, *Gasteracantha diadestia*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Herennia multipuncta*, *Larinia teiraensis*, *Macracantha hasselti*, *Neoscona bengalensis*, *Neoscona inusta*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Parawixia dehaani*, *Trichonephila clavata*

**18. Nagaland:** *Cyrtophora unicolor*

**19. Odisha:** *Anepsion maritatum*, *Arachnura* sp., *Araneus bilunifer*, *Araneus ellipticus*, *Araneus mitificus*, *Araneus viridisomus*, *Araniella cucurbitina*, *Argiope aemula*, *Argiope anasuja*, *Argiope catenulata*, *Argiope minuta*, *Argiope pulchella*, *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa spirifera*, *Cyrtarachne raniceps*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora feae*, *Cyrtophora unicolor*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia poonaensis*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Gea spinipes*, *Herennia multipuncta*, *Larinia jaysankari*, *Larinia phthisica*, *Macracantha hasselti*, *Neoscona bengalensis*, *Neoscona molemensis*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona subfusca*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Parawixia dehaani*, *Phonognatha* sp., *Plebs himalayaensis*, *Poltys nagpurensis*, *Thelacantha brevispina*

**20. Punjab:** *Araneus bilunifer*, *Araneus mitificus*, *Argiope aemula*, *Chorizopes tikaderi*, *Cyclosa insulana*, *Cyclosa moonduensis*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Eriovixia excelsa*, *Neoscona nautica*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila pilipes*

**21. Rajasthan:** *Araneus mitificus*, *Argiope aemula*, *Argiope anasuja*, *Argiope lobata*, *Argiope*

*pulchella*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa moonduensis*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora exanthematica*, *Cyrtophora feae*, *Cyrtophora moluccensis*, *Eriovixia excelsa*, *Gasteracantha diadestia*, *Gibbaranea bituberculata*, *Herennia multipuncta*, *Larinia chloris*, *Larinia emertoni*, *Neoscona bengalensis*, *Neoscona biswasi*, *Neoscona crucifera*, *Neoscona mukerjei*, *Neoscona nautica*, *Neoscona odites*, *Neoscona pavida*, *Neoscona theisi*, *Nephila kuhlii*, *Nephila pilipes*, *Parawixia* sp., *Zilla diodia*

**22. Sikkim:** *Arachnura angura*, *Argiope caesarea*, *Argiope pulchella*, *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa insulana*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyrtophora bidenta*, *Cyrtophora moluccensis*, *Gasteracantha diadestia*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Macracantha arcuata*, *Macracantha hasselti*, *Neoscona achine*, *Neoscona chrysanthusi*, *Neoscona odites*, *Nephila pilipes*, *Parawixia dehaani*, *Poltys bhabanii*, *Singa chota*, *Thelacantha brevispina*, *Trichonephila clavata*

**23. Tamil Nadu:** *Acusilas* sp., *Anepsion maritatum*, *Arachnura angura*, *Arachnura scorpionoides*, *Araneus bilunifer*, *Araneus diadematus*, *Araneus ellipticus*, *Araneus mitificus*, *Araneus viridisomus*, *Argiope aemula*, *Argiope anasuja*, *Argiope aurantia*, *Argiope catenulata*, *Argiope lobata*, *Argiope luzona*, *Argiope minuta*, *Argiope pulchella*, *Argiope versicolor*, *Chorizopes calciope*, *Chorizopes frontalis*, *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa micula*, *Cyclosa moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa neilensis*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora moluccensis*, *Eriophora* sp., *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia palawanensis*, *Gasteracantha cancriformis*, *Gasteracantha dalyi*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha remifera*, *Gasteracantha sororna*, *Gasteracantha* sp., *Herennia multipuncta*, *Larinia emertoni*, *Macracantha arcuata*, *Macracantha hasselti*, *Neoscona bengalensis*, *Neoscona enucleata*, *Neoscona molemensis*, *Neoscona moreli*,

*Neoscona muckerjei*, *Neoscona nautica*, *Neoscona punctigera*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Parawixia dehaani*, *Plebs mitratus*, *Poltyx columnaris*, *Poltyx illepidus*, *Poltyx nagpurensis*, *Porcataraneus bengalensis*, *Prasonica insolens*, *Singa myrrhea*, *Thelacantha brevispina*, *Zygiella* sp.

**24. Telangana:** *Argiope anasuja*, *Argiope catenulata*, *Argiope pulchella*, *Herennia, ultipuncta*, *Neoscona bengalensis*, *Neoscona muckerjei*, *Nephila pilipes*

**25. Tripura:** *Araneus mitificus*, *Argiope anasuja*, *Argiope caesarea*, *Argiope minuta*, *Argiope pulchella*, *Argiope versicolor*, *Cyclosa bifida*, *Cyrtophora cicatrosa*, *Cyrtophora unicolor*, *Gasteracantha diadestia*, *Gasteracantha fornicata*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Gea subarmata*, *Macracantha hasselti*, *Neoscona muckerjei*, *Neoscona shillongensis*, *Nephila kuhlii*, *Nephila pilipes*, *Parawixia dehaani*

**26. Uttar Pradesh:** *Anepsion maritatum*, *Arachnura melanura*, *Araneus bilunifer*, *Araneus diadematus*, *Araneus ellipticus*, *Araneus mitificus*, *Araneus nympa*, *Argiope aemula*, *Argiope anasuja*, *Argiope aurantia*, *Argiope catenulata*, *Argiope luzona*, *Argiope pulchella*, *Chorizopes anjanis*, *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa mulmeinensis*, *Cyclosa simoni*, *Cyphalonotus* sp., *Cyrtophora bidenta*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora exanthematica*, *Cyrtophora feae*, *Cyrtophora jabaipurensis*, *Cyrtophora ksudra*, *Cyrtophora moluccensis*, *Cyrtophora unicolor*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Gasteracantha dalyi*, *Gasteracantha diadestia*, *Gasteracantha geminata*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Gea subarmata*, *Larinia chloris*, *Larinia emertoni*, *Larinia kanpurae*, *Larinia phthisica*, *Macracantha hasselti*, *Neoscona adianta*, *Neoscona biswasi*, *Neoscona crucifera*, *Neoscona dhruvai*, *Neoscona inusta*, *Neoscona molemensis*, *Neoscona muckerjei*, *Neoscona nautica*, *Neoscona odites*, *Neoscona sinhagadensis*, *Neoscona theisi*, *Neoscona*

*vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Parawixia dehaani*, *Poltyx illepidus*, *Thelacantha brevispina*, *Trichonephila clavata*, *Zygiella* sp.

**27. Uttarakhand:** *Araneus bilunifer*, *Araneus camilla*, *Araneus ellipticus*, *Araneus himalayanus*, *Araneus minutalis*, *Araneus mitificus*, *Araneus nympa*, *Araniella cucurbitina*, *Araniella maasdorpi*, *Argiope aemula*, *Argiope anasuja*, *Argiope catenulata*, *Argiope minuta*, *Argiope pulchella*, *Argiope trifasciata*, *Cercidia punctigera*, *Chorizopes* sp., *Cyclosa bifida*, *Cyclosa confragata*, *Cyclosa gossypata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyrtarachne raniceps*, *Cyrtophora citricola*, *Cyrtophora moluccensis*, *Eriophora* sp., *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia poonaensis*, *Gasteracantha unguifera*, *Gea subarmata*, *Larinia chloris*, *Larinia phthisica*, *Lipocrea fusiformis*, *Neoscona achine*, *Neoscona bengalensis*, *Neoscona biswasi*, *Neoscona chrysanthusi*, *Neoscona inusta*, *Neoscona muckerjei*, *Neoscona nautica*, *Neoscona odites*, *Neoscona pavida*, *Neoscona shillongensis*, *Neoscona sinhagadensis*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila dirangensis*, *Nephila kuhlii*, *Nephila pilipes*, *Nephilengys malabarensis*, *Parawixia dehaani*, *Plebs himalayaensis*, *Thelacantha brevispina*, *Trichonephila clavata*

**28. West Bengal:** *Acusilas coccineus*, *Anepsion maritatum*, *Arachnura angura*, *Araneus anantnagensis*, *Araneus bilunifer*, *Araneus bivittatus*, *Araneus ellipticus*, *Araneus hirsutulus*, *Araneus mitificus*, *Araneus nympa*, *Araneus panchganiensis*, *Araneus varpunen*, *Argiope aemula*, *Argiope anasuja*, *Argiope caesarea*, *Argiope catenulata*, *Argiope lobata*, *Argiope luzona*, *Argiope minuta*, *Argiope pulchella*, *Caerostis sumatrana*, *Chorizopes quadrituberculata*, *Cyclosa bifida*, *Cyclosa bilobata*, *Cyclosa confragata*, *Cyclosa hexatuberculata*, *Cyclosa insulana*, *Cyclosa krusa*, *Cyclosa moonduensis*, *Cyclosa mulmeinensis*, *Cyclosa neilensis*, *Cyclosa quinqueguttata*, *Cyclosa simoni*, *Cyclosa spirifera*, *Cyrtarachne*



*bengalensis*, *Cyrtarachne inaequalis*, *Cyrtarachne raniceps*, *Cyrtarachne schmidi*, *Cyrtophora bidenta*, *Cyrtophora bituberculata*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora exanthematica*, *Cyrtophora feae*, *Cyrtophora moluccensis*, *Eriovixia excelsa*, *Eriovixia laglaizei*, *Eriovixia palawanensis*, *Eriovixia poonaensis*, *Gasteracantha cancriformis*, *Gasteracantha diadestia*, *Gasteracantha fornicata*, *Gasteracantha kuhli*, *Gasteracantha unguifera*, *Gea subarmata*, *Gea zaragosa*, *Gibbaranea bituberculata*, *Gibbaranea indiana*, *Herennia multipuncta*, *Larinia chloris*, *Larinia jaysankari*, *Larinia phthisica*, *Macracantha arcuata*, *Macracantha hasselti*, *Neogea nocticolor*, *Neoscona bengalensis*, *Neoscona chrysanthusi*, *Neoscona molemensis*, *Neoscona muckerjei*, *Neoscona nautica*, *Neoscona pavida*, *Neoscona punctigera*, *Neoscona raydakensis*, *Neoscona shillongensis*, *Neoscona theisi*, *Neoscona vigilans*, *Neoscona yptinika*, *Nephila kuhlii*, *Nephila pilipes*, *Ordgarius hexaspinus*, *Paraplectana gravelyi*, *Parawixia dehaani*, *Pasilobus kotigeharus*, *Plebs himalayaensis*, *Poltys bhabanii*, *Poltys nagpurensis*, *Porcataraneus bengalensis*, *Singa chota*, *Thelacantha brevispina*, *Trichonephila clavata*, *Zilla globosa*

#### IV. Checklist of Orb-weaver Spiders (Araneidae) in Union Territories of India

**1. Andaman and Nicobar Islands:** *Araneus mitificus*, *Araneus noegeata*, *Argiope aemula*, *Argiope catenulata*, *Argiope minuta* Karsch, *Argiope pulchella*, *Argiope macrochoera*, *Cyclosa albisternis*, *Cyclosa centrodes*, *Cyclosa conica*, *Cyclosa insulana*, *Cyclosa neilensis*, *Cyclosa oatesi*, *Cyrtarachne invenusta*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Cyrtophora moluccensis*, *Gasteracantha diadestia*, *Gasteracantha kuhli*, *Macracantha hasselti*, *Neoscona adianta*, *Neoscona punctigera*, *Neoscona theisi*, *Nephila pilipes*, *Nephilengys malabarensis*, *Parawixia dehaani*, *Poltys pogonias*, *Singa haddoensis*, *Trichonephila clavata*

**2. Delhi:** *Araneus mitificus*, *Cyclosa hexatuberculata*, *Eriovixia excelsa*, *Gasteracantha*

*sp.*, *Gibbaranea bituberculata*, *Larinia chloris*, *Neoscona vigilans*

**3. Jammu and Kashmir:** *Agalenatea redii*, *Araneus anantnagensis*, *Araneus bigibbosus*, *Araneus carnifex*, *Araneus diadematus*, *Araneus ellipticus*, *Araneus gibber*, *Araneus gurdus*, *Araneus mitificus*, *Araneus nympa*, *Araneus obscurissimus*, *Araneus paenulatus*, *Araneus pahalgaonensis*, *Araneus panchganiensis*, *Araneus panniferens*, *Araneus pella*, *Araneus pontii*, *Araneus praedatus*, *Araneus trifolium*, *Araniella cucurbitina*, *Argiope aemula*, *Argiope pulchella*, *Chorizopes congener*, *Chorizopes stoliczkae*, *Cyclosa conica*, *Cyclosa elongata*, *Cyclosa insulana*, *Cyclosa kashmirica*, *Cyrtarachne pallida*, *Cyrtophora cicatrosa*, *Cyrtophora citricola*, *Eriovixia excelsa*, *Hypsosinga sp.*, *Larinia chloris*, *Larinia emertoni*, *Neoscona achine*, *Neoscona inusta*, *Neoscona muckerjei*, *Neoscona pavida*, *Neoscona shillongensis*, *Neoscona theisi*, *Neoscona vigilans*, *Nephila kuhlii*, *Nephila pilipes*, *Plebs himalayaensis*, *Poltys sp.*, *Zygiella x-notata*

**4. Ladakh:** *Araneus tartaricus*, *Neoscona sp.*, *Zygiella sp.*

**5. Lakshadweep:** *Argiope minuta*, *Argiope pulchella*, *Gasteracantha diardi*, *Neoscona punctigera*, *Poltys illepidus*, *Thelacantha brevispina*, *Trichonephila clavata*

**6. Puducherry:** *Agalenatea redii*, *Araneus liber*, *Argiope bruennichi*, *Argiope lobata*, *Argiope versicolor*, *Eriovixia laglaizei*, *Gasteracantha geminata*, *Gasteracantha taeniata*, *Gasteracantha versicolor formosa*, *Larinioides patagiatus*, *Neoscona adianta*, *Neoscona theisi*, *Nephilengys malabarensis*, *Thelacantha brevispina*, *Trichonephila antipodiana*

#### V. Checklist of Orb-weaver Spiders (Araneidae) in Unknown Places in India

**East India:** *Gasteracantha frontata*

**Himalayan plateaus:** *Araneus nympa*, *Cyclosa tuberascens*, *Neoscona achine*, *Neoscona odites*, *Neoscona pavida*, *Trichonephila clavata*.

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