

Article

Biodiversity of the spider (Arachnida: Araneae) fauna of Tamil Nadu, India

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Abstract

In this article, an updated catalogue of spider diversity in the Tamil Nadu state of India is presented. A total of 547 species of spiders described under 257 genera representing to 46 families are enlisted that have been described and/or recorded from 33 out of 38 districts of Tamil Nadu, India. Maximum species diversity of spiders was observed in Nilgiris (205 species, 118 genera, 38 families); Salem (168 species, 109 genera, 30 families), Coimbatore (156 species, 92 genera, 27 families); Chennai (131 species, 83 genera, 28 families); Chengalpattu (117 species, 86 genera, 26 families); Kanniyakumari (75 species, 57 genera, 16 families); Dindigul (76 species, 54 genera, 23 families); Theni (61 species, 45 genera, 18 families); Virudhunagar (57 species, 37 genera, 16 families); Thiruvallur (55 species, 43 genera, 15 families) districts and 1-50 species in other districts. Among the families, Salticidae is the most abundant family which comprises 100 species belonging to 59 genera and is distributed in 25 districts of Tamil Nadu followed by Araneidae (77 species, 26 genera, 26 districts), Thomisidae (39 species, 23 genera, 20 districts), Lycosidae (35 species, 10 genera, 20 districts), Theriidae (35 species, 20 genera, 18 districts), Sparassidae (27 species, 6 genera, 23 districts), and Tetragnathidae (25 species, 4 genera, 21 districts). Representation of other families is moderate (10-22 species) to poor (1-9 species). Ten families are represented by single species while 7 families are represented by only 2 species and are distributed in only 1-3 districts. Interestingly, Mimetidae is represented by only 2 species belonging to different genera but is distributed in 20 districts while Eresidae contains only 3 species of a single genus but is also distributed in 20 districts. There is no spider record in 5 districts of Tamil Nadu. Some of the national parks and wildlife sanctuaries, forest areas, agricultural fields, human dwellings etc. particularly in terai region of West Bengal still await intensive and extensive survey programmes to record a near complete spider fauna.

Keywords catalogue; faunal distribution; India; spiders; Tamil Nadu.

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1 Introduction

The spiders (Arthropoda: Chelicerata: Arachnida: Araneae) are an exceedingly precious component of the earth's ecosystem being predatory consuming mostly insects keeping their population under check and hardly pose any danger to humans (Nyffeler and Birkhofer, 2017). They also serve as ecological indicators owing to their extreme sensitivity against their habitat disturbances (Stojanowska et al., 2020). The order Araneae ranks sixth (51,229 species in 4,329 genera belonging to 132 families, World Spider Catalog, 2023) after the five largest insect orders (Coleoptera, Lepidoptera, Hymenoptera, Diptera, Hemiptera) in terms of species diversity. Despite having very rich biodiversity and a tropical climate with biodiversity hotspots, only 2,344 species described under 596 genera comprising 65 families are recorded in India among which several species seem to be misidentified (Singh and Singh, 2021a). Caleb and Sankaran (2023) listed only 1,940 valid species belonging to 492 genera in 61 families in India.

Araneological studies in Tamil Nadu date back to Walckenaer (1837) who described a single species of a wolf spider *Lycosa indagatrix* from unknown place and Butler (1873) who described an orb-weaver spider, *Gasteracantha sororna* from Chennai. Later on, Simon (1884a, b, 1885a, b, 1892, 1895a, b, c, 1900a, b) described and recorded 39 species of spiders from Chennai, Coimbatore, Dindigul, Madurai, Nilgiris, Ramanathapuram, Tiruchirappalli and Vellore districts. At the end of nineteenth century and in the beginning of twentieth century, Pocock (1899a, b, 1900, 1901) and Simon (1901, 1902, 1905, 1906a, b) described/recorded at least 45 species and 60 species of spiders, respectively, from different districts of Tamil Nadu. Thereafter, Narayan (1915) described/recorded 4 species of jumping of spiders from Chennai; Gravely (1915, 1921, 1924, 1931, 1935) described/recorded 29 species; Sherriffs (1919, 1927, 1928, 1929, 1931) described/recorded at least 77 species and Reimoser (1934) described/recorded 45 species of spiders from different districts of Tamil Nadu. Then, after almost four decades, between the years 1971 to 1999, several workers have extensively and intensively studied the spider fauna of Tamil Nadu and described and/or recorded hundreds of species from different locations in the state (Tikader, 1971, 1977, 1980, 1981, 1982; Brignoli, 1973, 1976, 1980; Platnick and Shadab, 1974; Wanless, 1978, 1979, 1981; Tikader and Malhotra, 1980; Tikader and Bal, 1981; Levi, 1982; Raven, 1986; Sethi and Tikader, 1988; Kraus and Kraus, 1989; Tikader and Sethi, 1990; Jocqué, 1991; Majumder and Tikader, 1991; Prószyński, 1992a, b; Baehr and Baehr, 1993; Coyle, 1995; Ganesh Kumar and Velusamy, 1996; Ganesh Kumar and Mohanasundaram, 1998; Ganesh Kumar et al., 1999; Sivaperuman and Thiyakesan, 1999; Venkatraman and Kapoor, 1999). Karthikeyani et al. (2017a) were the first to compile the available data till the year 2015 and prepared an annotated checklist of the spider fauna of Tamil Nadu listing 226 species belonging to 120 genera representing 33 families. Subsequently, Caleb and Karthikeyani (2022) listed 283 species belonging to 158 genera representing 33 families without giving their distribution and references and some of the species were described from Puducherry (Indian Territory) and not from Tamil Nadu, for example, *Gamasomorpha clypeolaria* Simon, 1907 and *Plesiophrictus linteatus* (Simon, 1891). In the current decades, several workers have extensively and intensively surveyed different districts of Tamil Nadu and recorded additional hundreds of the species of spiders (Caleb, 2020a, b; Kadam and Rajkumar, 2020; Sugumaran et al., 2020; Gupta et al., 2021; Sen and Sureshan, 2021, 2022; Veeramani et al., 2021, 2023; Devika et al., 2022; Gokul et al., 2022; Huber, 2022; Sen et al., 2022; Raja et al., 2023; Sudhin et al., 2023a, b; Sangavi et al., 2023; Veeramani et al., 2023). The perusal of the literature demonstrates that the available information on the species diversity of spiders in Tamil Nadu is scattered and several areas have either not yet been surveyed or little survey works have been conducted for understanding the faunal distribution of the spiders. The objective of this article is to bring together all these information and prepare a reliable update catalogue of all spiders described and/or recorded in Tamil Nadu.

2 Materials and Methods

2.1 Site description: Tamil Nadu state

Tamil Nadu (Latitude: $11^{\circ} 7' 37.6428''$ N; Longitude: $78^{\circ} 39' 24.8076''$ E; area: $1,30,058 \text{ km}^2$) is located on the south-eastern coast of the Indian peninsula bordered by Kerala in west, Karnataka in northwest, Andhra Pradesh in north, Bay of Bengal in east and Indian ocean in south and it encircles the union territory of Puducherry (Fig. 1). Tamil Nadu has about 906.9 km coastline. The state is characterized by the green Western Ghats (one of the hotspots of India occupying an area of about $27,069 \text{ km}^2$) and the semi-arid Deccan Plateau in the west, the sporadic Eastern Ghats in the north, the broadest part of the Eastern Coastal Plains, and the fertile Kaveri River delta towards the Bay of Bengal in the east. The southernmost tip of the Peninsula is Kanyakumari which is the meeting point of the Lakshadweep Sea, the Gulf of Mannar, and the Indian Ocean. The western, southern, and the north-western parts of Tamil Nadu are hilly with lush green vegetation. The eastern parts are fertile coastal plains and the northern parts are a mix of hills and plains. The high peaks of the mountains of the Western Ghats including the Nilgiri, Anaimalai, and Palni hills have peaks exceeding 2,400 m in elevation. The lower peaks of the Eastern Ghats, the Javadi, Kalrayan, and Shevaroy hills, run through the centre of the region. The Kaveri, the Ponnaiyar, the Palar, the Vaigai, and the Tambraparni are the major rivers that flow eastwards from the inland hills. The total forest area of Tamil Nadu is about $22,844 \text{ km}^2$. The central and the south-central regions are arid plains and receive less rainfall than the other regions. The annual rainfall of the state is about 945 mm of which 48% is through the northeast monsoon, and 32% through the southwest monsoon. Basically, Tamil Nadu is an agricultural state and the fifth biggest producer of rice. The Cauvery Delta region is known as the Rice Bowl of Tamil Nadu. Tamil Nadu has 14 Wildlife Sanctuaries, 14 Bird Sanctuaries, 5 National Parks, 4 Tiger Reserves, 4 elephant reserves and 3 Biosphere Reserves. The region also records high floral and faunal diversity. For administration, Tamil Nadu is divided into 38 districts (Fig. 1).

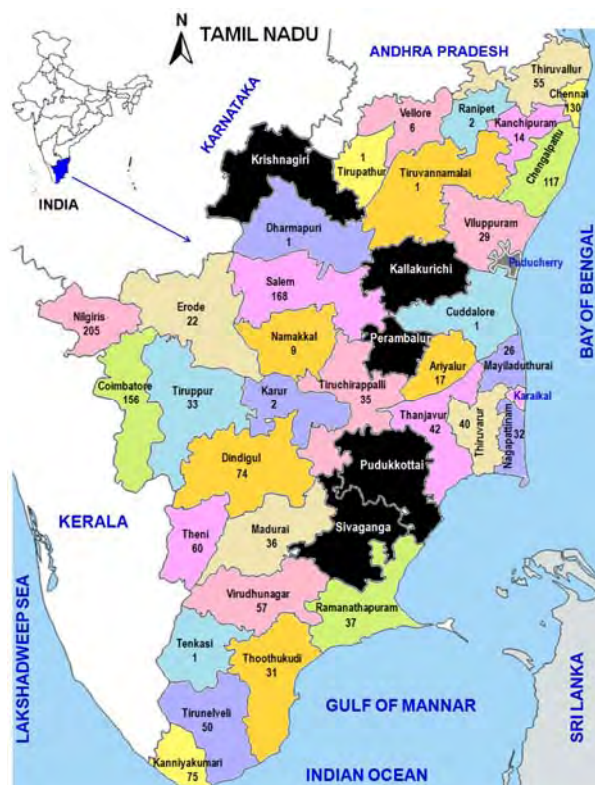


Fig. 1 Number of spider species recorded and/or described from different districts of Tamil Nadu state of India. No spider record is available in black shaded districts.

The present checklist is based on the published literature on the spiders described and/or recorded from Tamil Nadu, websites, and the World Spider Catalog (2023) up to May, 25, 2023. The specific names of the spiders mentioned therein have been corrected following World Spider Catalog (2023). The checklist includes families, genera and species in alphabetical order. For each species, authority, year and distribution details of the species with are given following relevant references. Species identified only up to the generic level are excluded from this list. The apparently misidentified species are excluded from the list. For synonymy and endemism of valid spider species, World Spider Catalog (2023) should be consulted. In a few cases, the locations (district) of the spider species are corrected, particularly of those spiders that were described and/or recorded during the British period, i.e., before August 15, 1947, or before the formation of new districts in the state.

3 Results and Discussion

The total number of species recorded in different districts of Tamil Nadu is displayed in Fig. 1 and Table 1 and 2.

In the present check list, a total of 547 species of spiders described under 257 genera representing to 46 families were recorded in 33 out of 38 districts of Tamil Nadu (Table 1). The biodiversity of spiders was recorded more in Nilgiris (205 species, 118 genera, 38 families); Salem (168 species, 109 genera, 30 families); Coimbatore (156 species, 92 genera, 27 families); Chennai (131 species, 83 genera, 28 families); Chengalpattu (117 species, 86 genera, 26 families); Kanniyakumari (75 species, 57 genera, 16 families); Dindigul (76 species, 54 genera, 23 families); Theni (61 species, 45 genera, 18 families); Virudhunagar (57 species, 37 genera, 16 families); and Thiruvallur (55 species, 43 genera, 15 families) districts as these districts were extensively surveyed for spider fauna by most of the research workers. In other districts, the spider fauna are limited between 1-50 species (Table 1, Fig. 1). Several species recorded in Kanyakumari (Prakash et al., 2023) and Theni (Banu and Kannagi, 2016) districts are apparently misidentified and hence not included in this list. Some of the national parks and wildlife sanctuaries, forest areas, agricultural fields, human dwellings etc., in most of the districts of Tamil Nadu still await intensive and extensive survey programmes to record a near complete spider fauna.

Among the families, Salticidae is the most abundant family which comprises 100 species belonging to 59 genera and is distributed in 25 districts of Tamil Nadu followed by Araneidae (77 species, 26 genera, 26 districts), Thomisidae (39 species, 23 genera, 20 districts), Lycosidae (35 species, 10 genera, 20 districts), Theriidae (35 species, 20 genera, 18 districts), Sparassidae (27 species, 6 genera, 23 districts), and Tetragnathidae (25 species, 4 genera, 21 districts). Representation of other families is moderate (10-22 species) to poor (1-9 species). Ten families are represented by single species while 7 families are represented by only 2 species and are distributed in only 1-3 districts. Interestingly, Mimetidae is represented by only 2 species belonging to different genera but is distributed in 20 districts while Eresidae contains only 3 species of a single genus but is also distributed in 20 districts. There is no spider record in 5 districts of Tamil Nadu (Table 1).

A perusal of checklists of the spider fauna of different states of India reveals that the biodiversity of spiders in Tamil Nadu is comparatively higher (Table 3). It ranks fourth in India in the number of species; after Maharashtra, Kerala and West Bengal; first in the number of the genera and the families (Table 3). The spider fauna of Tamil Nadu overlaps the fauna of neighbouring states, such as Kerala (Singh, 2023a), Karnataka (Singh, 2022a) and Andhra Pradesh (Singh and Sharma, 2022a) and several spider species are endemic to Tamil Nadu.

Table 1 Number of species of spiders in different districts of Tamil Nadu.

Districts	Families	Genera	Species	Districts	Families	Genera	Species
Ariyalur	7	15	17	Ramanathapuram	15	31	37
Chengalpattu	26	86	117	Ranipet	2	2	2
Chennai	28	83	131	Salem	30	109	168
Coimbatore	27	92	156	Sivaganga	0	0	0
Cuddalore	1	1	1	Tenkasi	1	1	1
Dharmapuri	1	1	1	Thanjavur	13	28	42
Dindigul	23	54	76	Theni	18	45	60
Erode	10	18	22	Thiruvallur	15	43	55
Kallakurichi	0	0	0	Thiruvarur	12	28	40
Kanchipuram	7	13	14	Thoothukudi	11	24	31
Kanniyakumari	16	57	75	Tiruchirappalli	15	31	35
Karur	2	2	2	Tirunelveli	16	36	50
Krishnagiri	0	0	0	Tirupathur	1	1	1
Madurai	15	31	36	Tiruppur	11	27	33
Mayiladuthurai	8	20	26	Tiruvannamalai	1	1	1
Nagapattinam	13	23	32	Vellore	5	5	6
Namakkal	4	7	9	Viluppuram	17	26	29
Nilgiris	38	118	205	Virudhunagar	16	37	57
Perambalur	0	0	0	Total	46	257	547
Pudukkottai	0	0	0				

Regarding the distribution of spider species in different districts of Tamil Nadu, *Plexippus paykulli* (Audouin, 1826) was maximally diversified and recorded in 21 districts out of 38 districts of Tamil Nadu followed by *Hyllus semicupreus* (Simon, 1885) (in 20 districts); *Argiope pulchella* Thorell, 1881, *Hersilia savignyi* Lucas, 1836 and *Leucauge decorata* (Blackwall, 1864) (each in 19 districts); *Gasteracantha geminata* (Fabricius, 1798) (in 19 districts); *Carrhotus viduus* (C.L. Koch, 1846) (in 18 districts); *Crossopriza lyoni* (Blackwall, 1867), *Oxyopes javanus* Thorell, 1887 and *Peucezia viridana* (Stoliczka, 1869) (each in 17 districts); *Argiope anasuja* Thorell, 1887, *Cyrtophora cicatrosa* (Stoliczka, 1869) and *Heteropoda venatoria* (Linnaeus 1767) (each in 15 districts); *Stegodyphus sarasinorum* Karsch, 1892, *Pardosa pseudoannulata* (Bösenberg and Strand, 1906) and *Telamonia dimidiata* (Simon, 1899) (each in 14 districts); *Neoscona theisi* (Walckenaer, 1837) and *Tetragnatha javana* (Thorell, 1890) (each in 13 districts); *Plexippus petersi* (Karsch, 1878) (in 12 districts); *Hippasa pantherina* Pocock, 1899, *Menemerus bivittatus* (Dufour, 1831), *Olios milleti* (Pocock, 1901), *Oxyopes birmanicus* Thorell, 1887, *Tetragnatha mandibulata* Walckenaer, 1841 and *Wadicosa fidelis* (O. Pickard-Cambridge, 1872) (each in 11 districts) and other species in 1-10 districts of Tamil Nadu.

Few species of spiders, particularly tarantulas (Theraphosidae), are fighting for survival due to loss of their natural habitats at the cost of developmental activities. At least four species of tarantulas are either critically endangered (Rameshwaram ornamental spider, *Poecilotheria hanumavilasumica* Smith, 2004; *Gooty tarantula*, *Poecilotheria metallica* Pocock, 1899), endangered (Salem ornamental spider, *Poecilotheria formosa* Pocock, 1899) or vulnerable (Mysore ornamental spider, *Poecilotheria striata* Pocock, 1895) (Siliwal et al., 2008) and warrant their conservation practices.

Table 2 Number of genera and species of different families of spiders described and/or recorded in Tamil Nadu and India.

Families	Recorded in Tamil Nadu			Recorded in India*	
	Genus	Species	Districts	Genus	Species
1. Agelenidae	2	2	5	6	15
2. Araneidae	26	77	26	38	196
3. Barychelidae	2	4	6	5	15
4. Cheiracanthiidae	2	10	12	2	31
5. Cithaeronidae	1	1	1	2	4
6. Clubionidae	3	9	12	3	30
7. Corinnidae	6	8	5	7	16
8. Ctenidae	2	4	3	5	21
9. Deinopidae	1	1	3	1	2
10. Dictynidae	2	2	4	5	11
11. Eresidae	1	3	20	1	5
12. Gnaphosidae	9	14	12	26	140
13. Hahniidae	2	2	2	3	4
14. Hersiliidae	3	5	19	3	12
15. Idiopidae	4	7	8	4	17
16. Ischnothelidae	1	1	1	2	4
17. Linyphiidae	8	12	6	31	66
18. Liocranidae	2	11	8	5	30
19. Lycosidae	10	35	21	21	125
20. Mimetidae	2	2	20	2	3
21. Oecobiidae	1	1	3	2	6
22. Oonopidae	5	12	5	14	48
23. Oxyopidae	3	18	22	4	88
24. Philodromidae	4	7	10	7	44
25. Pholcidae	5	7	19	7	16
26. Pisauridae	7	9	9	9	19
27. Prodidomidae	1	1	3	2	9
28. Psechridae	2	4	5	2	6
29. Psilodercidae	1	2	1	1	2
30. Salticidae	59	100	25	106	308
31. Scytodidae	2	8	9	2	11
32. Segestriidae	2	2	3	3	10
33. Selenopidae	2	3	3	3	8
34. Sicariidae	1	1	2	1	1
35. Sparassidae	6	27	23	12	88
36. Stenochilidae	1	1	1	1	2
37. Symphytognathidae	1	1	2	1	1
38. Tetrablemmidae	1	1	1	5	10
39. Tetragnathidae	4	25	21	11	52
40. Theraphosidae	6	15	14	11	59
41. Theridiidae	20	35	18	33	92
42. Thomisidae	23	39	20	42	185
43. Titanoecidae	2	2	2	3	11
44. Trachelidae	2	2	3	3	6
45. Uloboridae	3	6	14	5	27
46. Zodariidae	6	9	6	10	31
Total	257	547	33	472	1887

*after Caleb and Sankaran (2023) and WSC (2023).

Table 3 Number of families, genera and species of spider fauna in different states based on published literature.

States/Union Territories	Families	Genera	Species	Reference
Andaman and Nicobar	28	93	141	Singh and Singh, 2022a
Andhra Pradesh	33	105	197	Singh and Sharma, 2022a
Arunchal Pradesh	20	56	108	Singh and Singh, 2021b
Assam	27	136	266	Singh and Singh, 2021b
Bihar	21	55	93	Singh and Singh, 2021c
Chhattisgarh	21	68	179	Singh and Singh BB, 2021
Goa	23	128	173	Singh and Singh BB, 2022
Gujarat	41	199	533	Singh et al., 2023a
Haryana	16	39	59	Singh and Singh, 2021d
Himachal Pradesh	22	58	90	Singh and Singh, 2021d
Jammu and Kashmir	31	148	252	Singh et al., 2023b
Jharkhand	13	27	35	Singh and Singh, 2021c
Karnataka	39	194	393	Singh, 2022a
Kerala	43	258	606	Singh, 2023a
Ladakh	14	34	42	Singh et al., 2023b
Lakshadweep	10	19	20	Singh and Singh, 2022b
Madhya Pradesh	30	136	336	Singh and Sharma, 2022b
Maharashtra	44	247	785	Singh, 2022b
Manipur	25	88	142	Singh and Singh, 2021b
Meghalaya	29	119	225	Singh and Singh, 2021b
Mizoram	18	48	70	Singh and Singh, 2021b
Nagaland	5	6	7	Singh and Singh, 2021b
Odisha	42	161	264	Singh, 2022c
Puducherry	26	76	100	Singh and Singh, 2022b
Punjab	19	64	109	Singh and Singh, 2021d
Rajasthan	25	89	172	Singh and Singh, 2022c
Sikkim	21	55	89	Singh and Singh, 2021b
Tamil Nadu	46	257	547	Present study
Telangana	21	71	125	Singh and Sharma, 2022c
Tripura	16	53	79	Singh and Singh, 2021b
Uttar Pradesh	36	146	284	Singh and Singh, 2022b
Uttarakhand	45	202	373	Singh and Singh, 2022b
West Bengal	39	245	567	Singh, 2023b

List of species of spiders (family-wise, species-wise, district-wise) described and/or recorded from different districts of Tamil Nadu are listed below.

3.1 Family: Agelenidae

3.1.1 *Agelena inda* Simon, 1897

- Coimbatore (Kadam and Rajkumar, 2020); Nilgiris (Sherriffs, 1919)

3.1.2 *Agelena satmila* Tikader, 1970

- Coimbatore (Sugumaran et al., 2005); Erode (Sugumaran, 2001); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)

3.2 Family: Araneidae

3.2.1 *Acusilas coccineus* Simon, 1895

- Kanyakumari (Sen et al., 2022)

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

- Chengalpattu (Caleb, 2020a); Coimbatore (Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022)

3.2.3 *Arachnura angura* Tikader, 1970

- Coimbatore (Kapoor, 2008)

3.2.4 *Araneus bilunifer* Pocock, 1900

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Kanchipuram (iNaturalists, 2023); Nilgiris (Sherriffs, 1919)

3.2.5 *Araneus cavaticus* (Keyserling, 1881)

- Tiruppur (Gokul et al., 2022)

3.2.6 *Araneus diadematus* Clerck, 1757

- Coimbatore (Kapoor, 2008)

3.2.7 *Araneus ellipticus* (Tikader and Bal, 1981)

- Salem (Sangavi et al., 2023)

3.2.8 *Araneus marmoreus* Clerck, 1757

- Tiruppur (Gokul et al., 2022)

3.2.9 *Araneus viridisomus* Gravely, 1921

- Chengalpattu (Caleb and Mathai, 2014a; Caleb, 2020a)

3.2.10. *Argiope aemula* (Walckenaer, 1837)

- Chengalpattu (Caleb, 2020a); Coimbatore (Sugumaran et al., 2005; Kapoor, 2008); Erode (Sugumaran, 2001); Kanyakumari (Sen et al., 2022); Nilgiris (Pocock, 1900; Sugumaran, 2001); Ramanathapuram (Siliwal et al., 2008); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Tiruppur (Gokul et al., 2022)

3.2.11 *Argiope anasuja* Thorell, 1887

- Chengalpattu (Pocock, 1900; Tikader, 1982; Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Ganesh Kumar and Velusamy, 1996; Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nilgiris (Pocock, 1900; Sherriffs, 1919; Tikader, 1982); Ramanathapuram (Pocock, 1900; Tikader, 1982; Siliwal et al., 2008); Salem (Sangavi et al., 2023); Thanjavur (Muthukumaravel et al., 2013); Theni (Banu and Kannagi, 2016); Thiruvarur (Raja et al., 2023); Thoothukudi (Tikader, 1982); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013)

3.2.12 *Argiope caesarea* Thorell, 1897

- Salem (Sangavi et al., 2023)

3.2.13 *Argiope catenulata* (Doleschall 1859)

- Coimbatore (Ganesh Kumar and Velusamy, 1996); Kanyakumari (Prakash et al., 2023); Madurai (Vijaya et al., 2022); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvallur (Caleb, 2020b);

Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.2.14 *Argiope lobata* (Pallas, 1772)

- Karur (Karthikeyani et al., 2017a); Nagapattinam (Sivaperuman and Thiyakesan, 1999); Salem (Sugumaran et al., 2020)

3.2.15 *Argiope luzona* (Walckenaer, 1841)

- Nagapattinam (Sankari and Thiyagesan, 2010)

3.2.16 *Argiope pulchella* Thorell, 1881

- Chengalpattu (Caleb, 2020a); Coimbatore (Sugumaran et al., 2005; Kapoor, 2008); Dindigul (Karthikeyani et al., 2017b); Erode (Sugumaran, 2001); Kanchipuram (Raj et al., 2021); Kanyakumari (Sunitha and Miranda, 2011; Sen et al., 2022); Madurai (Vijaya, 2019); Nilgiris (Dharmaraj et al., 2017); Ramanathapuram (Anand et al., 2015); Salem (Sugumaran et al., 2007; Sugumaran et al., 2020); Thanjavur (Muthukumaravel et al., 2013); Theni (Karthikeyani et al., 2017a); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Thoothukudi (Kumar et al., 2013); Tiruchirappalli (Rajendran et al., 2017); Tirunelveli (Thangamari and Vijaya, 2018); Tiruppur (Gokul et al., 2022); Virudhunagar (Vanitha et al., 2009; Vijaya et al., 2018)

3.2.17 *Argiope trifasciata* (Forsskål, 1775)

- Kanyakumari (Prakash et al., 2023)

3.2.18 *Argiope versicolor* (Doleschall, 1859)

- Coimbatore (Kadam and Rajkumar, 2020)

3.2.19 *Bijoaraneus mitificus* (Simon, 1886)

- Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022); Salem (Sangavi et al., 2023)

3.2.20 *Chorizopes calciopae* (Simon, 1895)

- Dindigul (Simon, 1895a)

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

- Chennai (Sherriffs, 1919); Nilgiris (Simon, 1906a)

3.2.22 *Chorizopes* sp.

- Salem (Sangavi et al., 2023)

3.2.23 *Cyclosa bifida* (Doleschall, 1859)

- Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022); Madurai (Vijaya, 2019); Nilgiris (Sherriffs, 1919); Salem (Sangavi et al., 2023)

3.2.24 *Cyclosa confraga* (Thorell, 1892)

- Chengalpattu (Caleb, 2020a); Coimbatore (Kapoor, 2008); Nilgiris (Dharmaraj et al., 2018); Ramanathapuram (Siliwal et al., 2008); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.2.25 *Cyclosa hexatuberculata* Tikader, 1982

- Chengalpattu (Caleb, 2020a); Dindigul (Krishnaveni and Kandeepan, 2018); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.2.26 *Cyclosa insulana* (Costa, 1834)

- Chengalpattu (Sherriffs, 1919); Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008); Nilgiris (Sherriffs,

1919); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013)

3.2.27 *Cyclosa micula* (Thorell, 1892)

- Nilgiris (Sherriffs, 1928)

3.2.28 *Cyclosa moonduensis* Tikader, 1963

- Coimbatore (Kapoor, 2008); Dindigul (Krishnaveni and Kandeepan, 2018)

3.2.29 *Cyclosa mulmeinensis* (Thorell, 1887)

- Coimbatore (Kapoor, 2008); Nilgiris (Sherriffs, 1919); Viluppuram (Simon, 1906a)

3.2.30 *Cyclosa neilensis* Tikader, 1977

- Chengalpattu (Caleb, 2020a); Coimbatore (Kapoor, 2008); Salem (Sangavi et al., 2023)

3.2.31 *Cyclosa quinqueguttata* (Thorell, 1881)

- Coimbatore (Kapoor, 2008); Nilgiris (Sherriffs, 1919); Thiruvallur (Sherriffs, 1919)

3.2.32 *Cyclosa simoni* Tikader, 1982

- Coimbatore (Kapoor, 2008); Dindigul (Krishnaveni and Kandeepan, 2018)

3.2.33 *Cyclosa spirifera* Simon, 1889

- Coimbatore (Kapoor, 2008); Salem (Sangavi et al., 2023)

3.2.34 *Cyrtarachne bengalensis* Tikader, 1960

- Coimbatore (Sugumaran et al., 2005)

3.2.35 *Cyrtophora cicatrosa* (Stoliczka, 1869)

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013); Erode (Karthikeyani et al., 2017a); Kanyakumari (Sen et al., 2022); Nagapattinam (Sankari and Thiyagesan, 2010); Nilgiris (Dharmaraj et al., 2018); Ramanathapuram (Siliwal et al., 2008; Anand et al., 2015); Salem (Karthikeyani et al., 2017a; Sangavi et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Sherriffs, 1919; Caleb, 2020b); Thoothukudi (Sahayaraj and Parvathi, 2011; Kumar et al., 2013); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013)

3.2.36 *Cyrtophora citricola* (Forskal, 1775)

- Chengalpattu (Pocock, 1900; Tikader, 1982); Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nilgiris (Dharmaraj et al., 2017); Salem (Sugumaran et al., 2020; Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023); Tiruppur (Gokul et al., 2022)

3.2.37 *Cyrtophora koronadalensis* Barrion and Litsinger, 1995

- Coimbatore (Sugumaran et al., 2005); Nilgiris (Sugumaran et al., 2005); Tirunelveli (Sugumaran et al., 2005); Virudhunagar (Sugumaran et al., 2005)

3.2.38 *Cyrtophora moluccensis* (Doleschall, 1857)

- Coimbatore (Kapoor, 2008); Nilgiris (Pocock, 1900; Dharmaraj et al., 2018); Virudhunagar (Mahalakshmi and Jeyaparvathi, 2014)

3.2.39 *Eriovixia excelsa* (Simon, 1889)

- Chengalpattu (Sherriffs, 1929; Caleb, 2020a); Chennai (Sherriffs, 1929); Coimbatore (Kapoor, 2008); Nilgiris (Simon, 1906a; Sherriffs, 1929); Ramanathapuram (Siliwal et al., 2008); Salem (Sangavi et al.,

2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Sherriffs, 1929)

3.2.40 *Eriovixia laglaizei* (Simon, 1877)

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022); Nilgiris (Pocock, 1900; Simon, 1906a; Tikader and Bal, 1981); Salem (Sangavi et al., 2023)

3.2.41 *Gasteracantha cancriformis* (Linnaeus, 1758)

- Chennai (Karthikeyani et al., 2017a); Coimbatore (Kapoor, 2008); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.2.42 *Gasteracantha dalyi* Pocock, 1900

- Coimbatore (Kapoor, 2008); Salem (Pocock, 1900; Sherriffs, 1929)

3.2.43 *Gasteracantha geminata* (Fabricius, 1798)

- Chengalpattu (Caleb, 2020a); Chennai (Pocock, 1900; Sherriffs, 1919); Coimbatore (Reimoser, 1934; Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013); Erode (Sugumaran et al., 2005); Madurai (Vijaya, 2019); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sivaperuman and Thiyakesan, 1999; Sankari et al., 2016); Nilgiris (Pocock, 1900; Tikader, 1982); Ramanathapuram (Pocock, 1900; Siliwal et al., 2008); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Shunmugavelu and Karthikeyani, 2010); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Rajendran et al., 2017); Tirunelveli (Pocock, 1900; Tikader, 1982); Virudhunagar (Wilson et al., 2014)

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

- Coimbatore (Kapoor, 2008); Thanjavur (Muthukumaravel et al., 2013; Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.2.45 *Gasteracantha remifera* Butler, 1873

- Coimbatore (Kapoor, 2008); Nilgiris (Karthikeyani et al., 2017a)

3.2.46 *Gasteracantha sororna* Butler, 1873

- Chennai (Butler, 1873; Pocock, 1900)

3.2.47 *Gasteracantha unguifera* Simon, 1889

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013)

3.2.48 *Guizygiella indica* (Tikader and Bal, 1980)

- Coimbatore (Sugumaran, 2001); Erode (Sugumaran, 2001); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013)

3.2.49 *Guizygiella melanocrania* (Thorell, 1887)

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Salem (Sangavi et al., 2023)

3.2.50 *Herennia multipuncta* (Doleschall, 1859)

- Coimbatore (Dharmaraj et al., 2020a; Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Nilgiris (Pocock, 1900; Tikader, 1982); Salem (Sherriffs, 1919; Sugumaran et al., 2007); Tirunelveli (Sugumaran, 2001)

3.2.51 *Larinia chloris* Audoin (1826)

- Chengalpattu (Caleb, 2020a)

3.2.52 *Larinia emertoni* Gajbe and Gajbe, 2004

- Theni (Karthikeyani, 2013)

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

- Kanyakumari (Sen et al., 2022)

3.2.54 *Larinioides* sp.

- Salem (Sangavi et al., 2023)

3.2.55 *Macracantha arcuata* (Fabricius, 1793)

- Coimbatore (Kapoor, 2008); Virudhunagar (Sugumaran et al., 2005)

3.2.56 *Macracantha hasselti* (C.L. Koch, 1837)

- Coimbatore (Sugumaran, 2001; Kapoor, 2008); Dindigul (Umarani and Umamaheswari, 2013); Erode (Sugumaran, 2001); Madurai (Sherriffs, 1929); Nilgiris (Sugumaran, 2001); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Theni (Karthikeyani, 2013); Virudhunagar (Sugumaran, 2001)

3.2.57 *Neoscona bengalensis* Tikader and Bal, 1981

- Coimbatore (Kadam and Rajkumar, 2020); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b)

3.2.58 *Neoscona bihumpi* Patel, 1988

- Virudhunagar (Jeyaparvathi, 2014)

3.2.59 *Neoscona crucifera* (Lucas, 1838)

- Salem (Sugumaran et al., 2020); Tiruppur (Gokul et al., 2022)

3.2.60 *Neoscona enucleata* (Karsch, 1879)

- Nilgiris (Sherriffs, 1929)

3.2.61 *Neoscona molemensis* Tikader and Bal, 1981

- Chengalpattu (Caleb, 2020a); Salem (Sangavi et al., 2023)

3.2.62 *Neoscona mukerjei* Tikader, 1980

- Chengalpattu (Caleb, 2020a); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Kanchipuram (Raj et al., 2021; Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Ramanathapuram (Siliwal et al., 2008); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013)

3.2.63 *Neoscona nautica* (L. Koch, 1875)

- Ariyalur (Veeramani et al., 2023); Coimbatore (Ganesh Kumar and Velusamy, 1996; Kapoor, 2008); Dindigul (Umarani and Umamaheswari, 2013); Erode (Sugumaran, 2001); Madurai (Vijaya, 2019); Mayiladuthurai (Veeramani et al., 2021); Nilgiris (Sherriffs, 1919); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.2.64 *Neoscona punctigera* (Doleschall, 1857)

- Coimbatore (Kadam and Rajkumar, 2020); Salem (Sangavi et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Jeyaparvathi, 2014)

3.2.65 *Neoscona theisi* (Walckenaer, 1837)

- Chennai (Sherriffs, 1919); Coimbatore (Sugumaran, 2001); Dindigul (Umarani and Umamaheswari, 2013); Erode (Sugumaran, 2001); Kanyakumari (Karthikeyani et al., 2017a); Madurai (Vijaya, 2019); Nilgiris (Sherriffs, 1919); Ramanathapuram (Siliwal et al., 2008); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Shunmugavelu and Karthikeyani, 2010; Banu and Kannagi, 2016); Thiruvallur (Caleb, 2020b);

Thiruvarur (Raja et al., 2023); Virudhunagar (Wilson et al., 2014)

3.2.66 *Neoscona vigilans* (Blackwall, 1865)

- Chengalpattu (Tikader and Bal, 1981; Caleb, 2020a); Chengalpattu (Pocock, 1900); Chennai (Sherriffs, 1919); Nagapattinam (Sugumaran and Duraimurugan, 2019); Nilgiris (Pocock, 1900; Tikader and Bal, 1981); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023)

3.2.67 *Neoscona yptinika* Barrion and Litsinger, 1995

- Kanyakumari (Sen et al., 2022)

3.2.68 *Nephila kuhli* (Doleschall, 1859)

- Dindigul (Umarani and Umamaheswari, 2013); Nilgiris (Tikader, 1982); Salem (Sugumaran et al., 2007); Thoothukudi (Kumar et al., 2013); Virudhunagar (Vijaya et al., 2018)

3.2.69 *Nephila pilipes* (Fabricius, 1793)

- Chennai (Venkatraman and Kapoor, 1999); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013; Karthikeyani et al., 2017a); Erode (Sugumaran, 2001); Kanyakumari (Sen et al., 2022); Madurai (Vijaya, 2019); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Theni (Shunmugavelu and Karthikeyani, 2010); Tirunelveli (Pocock, 1900); Virudhunagar (Sugumaran, 2001)

3.2.70 *Nephilengys malabarensis* (Walckenaer, 1841)

- Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Nilgiris (Pocock, 1900; Tikader, 1982); Ramanathapuram (Siliwal et al., 2008)

3.2.71 *Parawixia dehaani* (Doleschall, 1859)

- Chengalpattu (Caleb, 2020a); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020)

3.2.72 *Plebs mitratus* (Simon, 1895)

- Nilgiris (Simon, 1895a; Sherriffs, 1919)

3.2.73 *Poltya nagpurensis* Tikader, 1982

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Thiruvallur (Caleb, 2020b)

3.2.74 *Porcataraneus bengalensis* (Tikader, 1975)

- Nilgiris (Dharmaraj et al., 2018)

3.2.75 *Thelacantha brevispina* (Doleschall, 1857)

- Chennai (Pocock, 1900; Sherriffs, 1919); Coimbatore (Simon, 1885a); Nilgiris (Dharmaraj et al., 2017); Ramanathapuram (Siliwal et al., 2008); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Tiruppur (Gokul et al., 2022); Vellore (iNaturalists, 2023)

3.2.76 *Trichonephila clavata* (L. Koch, 1878)

- Ramanathapuram (Simon, 1885b)

3.3 Family: Barychelidae

3.3.1 *Sason rameshwaram* Siliwal and Molur, 2009

- Ramanathapuram (Siliwal and Molur, 2009; Siliwal et al., 2011a)

3.3.2 *Sason robustum* (Pickard-Cambridge, 1883)

- Chengalpattu (Siliwal et al., 2011a); Chennai (Raven, 1986; Siliwal et al., 2011a); Ramanathapuram (Siliwal

et al., 2008); Salem (Raven, 1986)

3.3.3 *Tigidia nilgiriensis* Sanap, Mirza and Siliwal, 2011

- Nilgiris (Siliwal et al., 2011b)

3.3.4 *Tigidia rutilofronis* Sanap, Mirza and Siliwal, 2011

- Coimbatore (Siliwal et al., 2011b; Kadam and Rajkumar, 2020)

3.4 Family: Cheiracanthiidae

3.4.1 *Cheiracanthium approximatum* O. Pickard-Cambridge, 1885

- Coimbatore (Sugumaran, 2001); Namakkal (Gupta et al., 2021); Salem (Sugumaran et al., 2007; Gupta et al., 2021); Virudhunagar (Sugumaran, 2001)

3.4.2 *Cheiracanthium conflexum* Simon, 1906

- Nilgiris (Simon, 1906a)

3.4.3 *Cheiracanthium danieli* Tikader, 1975

- Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023)

3.4.4 *Cheiracanthium indicum* O. Pickard-Cambridge, 1874

- Chennai (Gravelly, 1931); Nilgiris (Simon, 1906a)

3.4.5 *Cheiracanthium insigne* O. Pickard-Cambridge, 1874

- Chennai (Gravelly, 1931; Majumder and Tikader, 1991)

3.4.6 *Cheiracanthium melanostomum* (Thorell, 1895)

- Chennai (Gravelly, 1931; Majumder and Tikader, 1991); Nilgiris (Dharmaraj et al., 2020b); Salem (Majumder and Tikader, 1991; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvallur (Gravelly, 1931); Thiruvarur (Raja et al., 2023)

3.4.7 *Cheiracanthium murinum* (Thorell, 1895)

- Kanyakumari (Sen et al., 2022)

3.4.8 *Cheiracanthium triviale* (Thorell, 1895)

- Chennai (Majumder and Tikader, 1991)

3.4.9 *Cheiracanthium trivittatum* Simon, 1906

- Viluppuram (Simon, 1906a; Majumder and Tikader, 1991)

3.4.10 *Eutichurus chingliputensis* Majumder and Tikader, 1991

- Chengalpattu (Majumder and Tikader, 1991); Chennai (Majumder and Tikader, 1991)

3.5 Family: Cithaeronidae

3.5.1 *Cithaeron praedonius* O. Pickard-Cambridge, 1872

- Ramanathapuram (Simon, 1885b; Platnick, 1991)

3.6 Family: Clubionidae

3.6.1 *Clubiona acanthocnemis* Simon, 1906

- Nilgiris (Simon, 1906a; Majumder and Tikader, 1991)

3.6.2 *Clubiona drassodes* O. Pickard-Cambridge, 1874

- Chennai (Majumder, 2005); Coimbatore (Sugumaran, 2001); Erode (Sugumaran, 2001); Kanchipuram (Raj et al., 2021); Nilgiris (Dharmaraj et al., 2018); Salem (Majumder and Tikader, 1991); Thanjavur (Raja et al.,

2023); Thiruvarur (Raja et al., 2023); Tirunelveli (Sugumaran, 2001); Virudhunagar (Vanitha et al., 2009)

3.6.3 *Clubiona filicata* O. Pickard-Cambridge, 1874

- Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1931)

3.6.4 *Clubiona japonicola* Bösenberg and Strand, 1906

- Coimbatore (Ganesh Kumar and Velusamy, 1996)

3.6.5 *Clubiona nilgherina* Simon, 1906

- Nilgiris (Simon, 1906a; Majumder and Tikader, 1991)

3.6.6 *Clubiona shillongensis* Majumder and Tikader, 1991

- Chennai (Majumder and Tikader, 1991); Nilgiris (Majumder and Tikader, 1991)

3.6.7 *Matidia incurvata* Reimoser, 1934

- Coimbatore (Karthikeyani et al., 2017a); Dindigul (Reimoser, 1934; Majumder and Tikader, 1991)

3.6.8 *Simalio castaneiceps* Simon, 1906

- Nilgiris (Simon, 1906a; Majumder and Tikader, 1991)

3.6.9 *Simalio percomis* Simon, 1906

- Nilgiris (Simon, 1906a; Majumder and Tikader, 1991)

3.7 Family: Corinnidae

3.7.1 *Aetius decollatus* O. Pickard-Cambridge, 1897

- Chengalpattu (Caleb and Mathai, 2016a; Caleb, 2020a); Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.7.2 *Apochinomma nitidum* (Thorell, 1895)

- Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.7.3 *Cambalida flavipes* (Gravely, 1931)

- Chengalpattu (Caleb, 2020a); Nilgiris (Gravely, 1931; Tikader, 1981; Majumder and Tikader, 1991)

3.7.4 *Cambalida kambakamensis* (Gravely, 1931)

- Chengalpattu (Majumder and Tikader, 1991)

3.7.5 *Castianeira quadrimaculata* Reimoser, 1934

- Theni (Reimoser, 1934)

3.7.6 *Castianeira zetes* Simon, 1897

- Chennai (Tikader, 1981); Salem (Sangavi et al., 2023)

3.7.7 *Coenoptychus pulcher* Simon, 1885

- Chengalpattu (Gravely, 1931); Chennai (Gravely, 1931; Majumder and Tikader, 1991); Ramanathapuram (Simon, 1885b; Majumder and Tikader, 1991); Salem (Sangavi et al., 2023); Theni (Reimoser, 1934; Majumder and Tikader, 1991)

3.7.8 *Corinnomma severum* (Thorell, 1877)

- Chengalpattu (Caleb, 2020a); Salem (Sangavi et al., 2023)

3.8 Family: Ctenidae

3.8.1 *Acantheis indicus* Gravely, 1931

- Nilgiris (Gravely, 1931)

3.8.2 *Bowie cochinensis* (Gravely, 1931)

- Coimbatore (Kadam and Rajkumar, 2020); Dindigul (Reimoser, 1934)

3.8.3 *Bowie indicus* (Gravely, 1931)

- Nilgiris (Gravely, 1931; Tikader and Malhotra, 1981)

3.8.4 *Bowie thorelli* F. O. Pickard-Cambridge, 1897

- Coimbatore (Reimoser, 1934); Nilgiris (Reimoser, 1934)

3.9 Family: Deinopidae

3.9.1 *Asianopsis liukuensis* (Yin, Griswold and Yan, 2002)

- Chengalpattu (Caleb and Mathai, 2014b; Lin et al., 2020); Chennai (Caleb, 2020a); Coimbatore (Kadam and Rajkumar, 2020)

3.10 Family: Dictynidae

3.10.1 *Ajmonia marakata* (Sherriffs, 1927)

- Nilgiris (Sherriffs, 1927)

3.10.2 *Dictyna turbida* Simon, 1905

- Dindigul (Simon, 1905; Sherriffs, 1927); Nilgiris (Simon, 1905; Sherriffs, 1927); Tiruchirappalli (Sherriffs, 1927)

3.10.3 *Dictyna* sp.

- Salem (Sangavi et al., 2023)

3.11 Family: Eresidae

3.11.1 *Stegodyphus pacificus* Pocock, 1900

- Coimbatore (Sugumaran, 2001); Erode (Sugumaran, 2001); Nilgiris (Caleb et al., 2016); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Sugumaran, 2001)

3.11.2 *Stegodyphus sarasinorum* Karsch, 1892

- Chengalpattu (Sherriffs, 1919; Caleb et al., 2016); Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Dindigul (Karthikeyani et al., 2017b; Umarani and Umamaheswari, 2013); Kanchipuram (iNaturalists, 2023); Kanyakumari (Sunitha and Miranda, 2011); Nagapattinam (Sugumaran and Duraimurugan, 2019); Nilgiris (Sherriffs, 1919; Caleb et al., 2016); Ramanathapuram (Sherriffs, 1919; Siliwal et al., 2008); Salem (Sugumaran et al., 2020; Sangavi et al., 2023); Thanjavur (Muthukumaravel et al., 2013); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013; Caleb et al., 2016); Thiruvallur (Sherriffs, 1919; Caleb, 2020b); Thiruvarur (Raja et al., 2023)

3.11.3 *Stegodyphus tibialis* (O. Pickard-Cambridge, 1869)

- Chengalpattu (Kraus and Kraus, 1989; Caleb et al., 2016); Chennai (Sherriffs, 1919; Phanel, 1963); Coimbatore (Sugumaran, 2001); Erode (Sugumaran, 2001); Nilgiris (Kraus and Kraus, 1989; Caleb et al., 2016); Tirunelveli (Sugumaran, 2001); Tirupattur (Caleb et al., 2016); Vellore (Kraus and Kraus, 1989); Virudhunagar (Kraus and Kraus, 1989; Caleb et al., 2016)

3.12 Family: Gnaphosidae

3.12.1 *Berlandina plumalis* (O. Pickard-Cambridge, 1872)

- Viluppuram (Simon, 1905)

3.12.2 *Callilepis rukminiae* Tikader and Gajbe, 1977

- Karur (Karthikeyani et al., 2017a); Salem (Karthikeyani et al., 2017a)

3.12.3 *Drassodes heterophthalmus* Simon, 1905

- Viluppuram (Simon, 1905)

3.12.4 *Drassodes luridus* (O. Pickard-Cambridge, 1874)

- Madurai (Caleb et al., 2014a); Theni (Caleb et al., 2014a); Thiruvallur (Caleb et al., 2014a; Caleb, 2020b)

3.12.5 *Drassodes* sp.

- Salem (Sangavi et al., 2023)

3.12.6 *Gnaphosa pauriensis* Tikader and Gajbe, 1977

- Theni (Karthikeyani, 2013)

3.12.7 *Gnaphosa poonaensis* Tikader, 1973

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.12.8 *Micaria dives* (Lucas, 1846)

- Chennai (Caleb, 2017a); Thiruvallur (Caleb, 2020b)

3.12.9 *Poecilochroa tridotus* Caleb and Mathai, 2013

- Chengalpattu (Caleb and Mathai, 2013; Caleb, 2020a); Chennai (Caleb and Mathai, 2013)

3.12.10 *Poecilochroa* sp.

- Salem (Sangavi et al., 2023)

3.12.11 *Scotophaeus* sp.

- Salem (Sangavi et al., 2023)

3.12.12 *Zelotes ashae* Tikader and Gajbe, 1976

- Viluppuram (Karthikeyani et al., 2017a); Virudhunagar (Sugumaran, 2001)

3.12.13 *Zelotes maindroni* (Simon, 1905)

- Viluppuram (Simon, 1905; Tikader, 1982)

3.12.14 *Zelotes nilgirinus* Reimoser, 1934

- Nilgiris (Reimoser, 1934)

3.12.15 *Zelotes tambaramensis* Caleb and Mathai, 2013

- Chengalpattu (Caleb and Mathai, 2013; Caleb, 2020a)

3.13 Family: Hahniidae

3.13.1 *Hahnia mridulae* Tikader, 1970

- Salem (Sangavi et al., 2023)

3.13.2 *Scotospilus maindroni* (Simon, 1906)

- Nilgiris (Simon, 1906a)

3.14 Family: Hersiliidae

3.14.2 *Hersilia savignyi* Lucas, 1836

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Chennai (Sherriffs, 1919; Baehr and Baehr, 1993; Caleb, 2020b); Coimbatore (Kadam and Rajkumar, 2020); Dindigul (Baehr and Baehr, 1993; Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Madurai (Baehr and Baehr, 1993); Mayiladuthurai (Sankari et al.,

2014); Nagapattinam (Sivaperuman and Thiyakesan, 1999; Sugumaran and Duraimurugan, 2019); Nilgiris (Pocock, 1900; Dharmaraj et al., 2017); Ramanathapuram (Siliwal et al., 2008); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Baehr and Baehr, 1993); Tirunelveli (Sugumaran, 2001); Tiruppur (Gokul et al., 2022); Vellore (Baehr and Baehr, 1993); Virudhunagar (Sugumaran, 2001; Vijaya et al., 2018)

3.14.2 *Hersilia tibialis* Baehr and Baehr, 1993

- Chengalpattu (Caleb, 2020a); Chennai (Karthikeyani et al., 2017a); Kanyakumari (Sen et al., 2022); Madurai (Baehr and Baehr, 1993); Nilgiris (Karthikeyani et al., 2017a); Salem (Sangavi et al., 2023); Vellore (Karthikeyani et al., 2017a)

3.14.3 *Murricia triangularis* Baehr and Baehr, 1993

- Chennai (Baehr and Baehr, 1993)

3.14.4 *Neotama punctigera* Baehr and Baehr, 1993

- Chennai (Baehr and Baehr, 1993)

3.14.5 *Neotama rothorum* Baehr and Baehr, 1993

- Dindigul (Baehr and Baehr, 1993)

3.15 Family: Idiopidae

3.15.1 *Heligmomerus prostars* Simon, 1892

- Dindigul (Simon, 1892; Siliwal et al., 2011a); Nilgiris (Pocock, 1900)

3.15.2 *Idiops madrasensis* (Tikader, 1977)

- Chennai (Siliwal et al., 2011a); Kanyakumari (Tikader, 1977)

3.15.3 *Idiops mettupalayam* Ganeshkumar and Siliwal, 2013

- Coimbatore (Gupta et al., 2013)

3.15.4 *Idiops* sp.

- Salem (Sangavi et al., 2023)

3.15.5 *Scalidognathus montanus* (Pocock, 1900)

- Salem (Pocock, 1900; Siliwal et al., 2011a)

3.15.6 *Scalidognathus nigriaraneus* Sanap and Mirza, 2011

- Nilgiris (Sanap and Mirza, 2011; Siliwal et al., 2011a)

3.15.7 *Scalidognathus tigrinus* Sanap and Mirza, 2011

- Coimbatore (Sanap and Mirza, 2011; Siliwal et al., 2011a)

3.15.8 *Titanidiops constructor* (Pocock, 1900)

- Chengalpattu (Pocock, 1900; Siliwal et al., 2011a; Caleb, 2020a); Salem (Pocock, 1900; Siliwal et al., 2011a); Thiruvallur (Caleb, 2020b)

3.16 Family: Ischnothelidae

3.16.1 *Indothele rothi* Coyle, 1995

- Dindigul (Coyle, 1995)

3.17 Family: Linyphiidae

3.17.1 *Atypena formosana* (Qi, 1977)

- Nagapattinam (Sankari et al., 2016); Thanjavur (Jayakumar and Sankari, 2010)

3.17.2 *Atypena* sp.

- Salem (Sangavi et al., 2023)

3.17.3 *Caviphantes pseudosaxetorum* Wunderlich, 1979

- Dindigul (Tanasevitch, 2011); Nilgiris (Tanasevitch, 2011)

3.17.4 *Indophantes pallidus* Saaristo and Tanasevitch, 2003

- Nilgiris (Saaristo and Tanasevitch, 2003)

3.17.5 *Neriene* sp.

- Salem (Sangavi et al., 2023)

3.17.6 *Oedothorax cunur* Tanasevitch, 2015

- Nilgiris (Tanasevitch, 2015)

3.17.7 *Oedothorax kodaikanal* Tanasevitch, 2015

- Dindigul (Tanasevitch, 2015)

3.17.8 *Oedothorax paracymbialis* Tanasevitch, 2015

- Nilgiris (Tanasevitch, 2015)

3.17.9 *Oedothorax rusticus* Tanasevitch, 2015

- Dindigul (Tanasevitch, 2015); Nilgiris (Karthikeyani et al., 2017a)

3.17.10 *Oedothorax stylus* Tanasevitch, 2015

- Coimbatore (Karthikeyani et al., 2017a)

3.17.11 *Paracymboides aduncus* Tanasevitch, 2011

- Dindigul (Tanasevitch, 2011)

3.17.12 *Paracymboides tibialis* Tanasevitch, 2011

- Nilgiris (Tanasevitch, 2011)

3.17.13 *Paragongyliellum caliginosum* Wunderlich, 1973

- Coimbatore (Tanasevitch, 2011)

3.18 Family: Liocranidae

3.18.1 *Oedignatha carli* Reimoser, 1934

- Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.18.2 *Oedignatha dentifera* Reimoser, 1934

- Coimbatore (Reimoser, 1934; Majumder and Tikader, 1991)

3.18.3 *Oedignatha escheri* Reimoser, 1934

- Dindigul (Karthikeyani et al., 2017a); Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.18.4 *Oedignatha lesserti* Reimoser, 1934

- Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.18.5 *Oedignatha microscutata* Reimoser, 1934

- Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991); Thiruvallur (Caleb, 2020b)

3.18.6 *Oedignatha scrobiculata* Thorell, 1881

- Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1931; Majumder and Tikader, 1991)

3.18.7 *Oedignatha tricuspidata* Reimoser, 1934

- Coimbatore (Reimoser, 1934; Majumder and Tikader, 1991); Nilgiris (Reimoser, 1934; Majumder and Tikader, 1991)

3.18.8 *Oedignatha uncata* Reimoser, 1934

- Dindigul (Reimoser, 1934); Nilgiris (Majumder and Tikader, 1991)

3.18.9 *Oedignatha* sp.

- Salem (Sangavi et al., 2023)

3.18.10 *Sphingius barkudensis* Gravely, 1931

- Chennai (Majumder and Tikader, 1991)

3.18.11 *Sphingius caniceps* Simon, 1906

- Chennai (Gravely, 1931; Majumder and Tikader, 1991); Viluppuram (Simon, 1906a; Majumder and Tikader, 1991)

3.18.12 *Sphingius nilgiriensis* Gravely, 1931

- Nilgiris (Gravely, 1931; Majumder and Tikader, 1991)

3.18.13 *Sphingius* sp.

- Salem (Sangavi et al., 2023)

3.19 Family: Lycosidae

3.19.1 *Arctosa indica* Tikader and Malhotra, 1980

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.19.2 *Arctosa lesserti* Reimoser, 1934

- Nilgiris (Reimoser, 1934)

3.19.3 *Crocodylosa leucostigma* (Simon, 1885)

- Chengalpattu (Gravely, 1924); Chennai (Gravely, 1924); Thiruvallur (Gravely, 1924)

3.19.4 *Draposa amkhasensis* (Tikader and Malhotra, 1976)

- Theni (Karthikeyani, 2013)

3.19.5 *Draposa atropalpis* (Gravely, 1924)

- Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1924; Kronestedt, 2010); Dindigul (Umarani and Umamaheswari, 2013); Nilgiris (Gravely, 1924; Tikader and Malhotra, 1980)

3.19.6 *Draposa lyrivulva* (Bösenberg and Strand, 1906)

- Chengalpattu (Gravely, 1924; Tikader and Malhotra, 1980); Chennai (Gravely, 1924; Kronestedt, 2010); Nilgiris (Reimoser, 1934); Thiruvallur (Tikader and Malhotra, 1980; Caleb, 2020b); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.19.7 *Draposa oakleyi* (Gravely, 1924)

- Nilgiris (Gravely, 1924; Tikader and Malhotra, 1980; Kronestedt, 2010)

3.19.8 *Evipa* sp.

- Salem (Sangavi et al., 2023)

3.19.9 *Geolycosa carli* (Reimoser, 1934)

- Nilgiris (Reimoser, 1934)

3.19.10 *Hippasa agelenoides* (Simon, 1884a)

- Chennai (Sherriffs, 1919); Coimbatore (Dharmaraj et al., 2020a); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Tikader and Malhotra, 1980; Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Tiruppur (Gokul et al., 2022)

3.19.11 *Hippasa deserticola* Simon, 1889

- Dindigul (Umarani and Umamaheswari, 2013; Krishnaveni and Kandeepan, 2018)

3.19.12 *Hippasa holmerae* Thorell, 1895

- Dindigul (Krishnaveni and Kandeepan, 2018); Salem (Sangavi et al., 2023)

3.19.13 *Hippasa loundesi* Gravely, 1924

- Salem (Tikader and Malhotra, 1980); Theni (Karthikeyani, 2013); Virudhunagar (Karthikeyani et al., 2017a)

3.19.14 *Hippasa lycosina* Pocock, 1900

- Coimbatore (Saranya et al., 2019); Dindigul (Umarani and Umamaheswari, 2013); Nilgiris (Tikader and Malhotra, 1980)

3.19.15 *Hippasa madraspatana* Gravely, 1924

- Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1924; Tikader and Malhotra, 1980); Dharmapuri (Tikader and Malhotra, 1980); Dindigul (Umarani and Umamaheswari, 2013); Salem (Sangavi et al., 2023)

3.19.16 *Hippasa olivacea* (Thorell, 1887)

- Virudhunagar (Jeyaparvathi et al., 2013; Mahalakshmi and Jeyaparvathi, 2014)

3.19.17 *Hippasa pantherina* Pocock, 1899

- Chengalpattu (Sherriffs, 1919; Caleb, 2020a); Coimbatore (Simon, 1885a; Pocock, 1900; Tikader and Malhotra, 1980); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Pocock, 1900; Sherriffs, 1919; Tikader and Malhotra, 1980); Ramanathapuram (Simon, 1885b; Tikader and Malhotra, 1980); Thanjavur (Raja et al., 2023); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Tikader and Malhotra, 1980)

3.19.18 *Lycosa barnesi* Gravely, 1924

- Coimbatore (Saranya et al., 2019); Salem (Sangavi et al., 2023)

3.19.19 *Lycosa bistrata* Gravely, 1924

- Chengalpattu (Caleb, 2020a); Chennai (Tikader and Malhotra, 1980); Salem (Sangavi et al., 2023); Tiruppur (Gokul et al., 2022)

3.19.20 *Lycosa chaperi* Simon, 1885

- Chennai (Sherriffs, 1919); Coimbatore (Karthikeyani et al., 2017a)

3.19.21 *Lycosa geotubalis* Tikader and Malhotra, 1980

- Coimbatore (Ganesh Kumar and Velusamy, 1996)

3.19.22 *Lycosa indagatrix* Walckenaer, 1837

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Chengalpattu (Tikader and Malhotra, 1980); Chennai (Sherriffs, 1919); Coimbatore (Simon, 1885a); Salem (Tikader and Malhotra, 1980); Tamil Nadu (Walckenaer, 1837); Thiruvallur (Sherriffs, 1919)

3.19.23 *Lycosa mahabaleshwariensis* Tikader and Malhotra, 1980

- Theni (Karthikeyani, 2013)
- 3.19.24 *Lycosa phipsoni* Pocock, 1899
- Kanyakumari (Sen et al., 2022); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)
- 3.19.25 *Lycosa tista* Tikader, 1970
- Theni (Karthikeyani, 2013); Salem (Sangavi et al., 2023)
- 3.19.26 *Pardosa heterophthalma* (Simon, 1898)
- Madurai (Tikader and Malhotra, 1980)
- 3.19.27 *Pardosa mukundi* Tikader and Malhotra, 1980
- Dindigul (Umarani and Umamaheswari, 2013)
- 3.19.28 *Pardosa pseudoannulata* (Bösenberg and Strand, 1906)
- Chengalpattu (Gravely, 1924); Chennai (Gravely, 1924; Tikader and Malhotra, 1980); Coimbatore (Ganesh Kumar and Velusamy, 1996; Saranya et al., 2019); Madurai (Vijaya et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016; Sugumaran and Duraimurugan, 2019); Nilgiris (Gravely, 1924; Dharmaraj et al., 2018); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Thanjavur (Jayakumar and Sankari, 2010); Thiruvallur (Caleb, 2020b); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)
- 3.19.29 *Pardosa pusiola* (Thorell, 1891)
- Dindigul (Reimoser, 1934); Nilgiris (Reimoser, 1934)
- 3.19.30 *Pardosa sumatrana* (Thorell, 1890)
- Chennai (Karthikeyani et al., 2017a); Dindigul (Umarani and Umamaheswari, 2013); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Tikader and Malhotra, 1980; Dharmaraj et al., 2018); Salem (Tikader and Malhotra, 1980; Sangavi et al., 2023)
- 3.19.31 *Pardosa vagula* (Thorell, 1890)
- Coimbatore (Reimoser, 1934); Dindigul (Reimoser, 1934); Nilgiris (Reimoser, 1934)
- 3.19.32 *Trochosa punctipes* (Gravely, 1924)
- Chengalpattu (Gravely, 1924)
- 3.19.33 *Trochosa* sp.
- Salem (Sangavi et al., 2023)
- 3.19.34 *Wadicosa fidelis* (O. Pickard-Cambridge, 1872)
- Chengalpattu (Caleb, 2020a); Chennai (Caleb, 2020b); Coimbatore (Saranya et al., 2019; Ranjith et al., 2022); Dindigul (Umarani and Umamaheswari, 2013); Nilgiris (Karthikeyani et al., 2017a); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Tikader and Malhotra, 1980); Thiruvallur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)
- 3.19.35 *Wadicosa quadrifera* (Gravely, 1924)
- Chengalpattu (Gravely, 1924; Tikader and Malhotra, 1980); Chennai (Gravely, 1924); Coimbatore (Kadam and Rajkumar, 2020); Sangavi et al., 2023; Thiruvallur (Gravely, 1924; Tikader and Malhotra, 1980); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.20 Family: Mimetidae

3.20.1 *Melaenosia pustulifera* Simon, 1906

- Viluppuram (Simon, 1906a)

3.20.2 *Mimetus indicus* Simon, 1906

- Nilgiris (Simon, 1906a)

3.21 Family: Oecobiidae

3.21.1 *Oecobius putus* O. Pickard-Cambridge, 1876

- Chengalpattu (Caleb, 2020a); Thiruvallur (Caleb, 2020b)

3.21.2 *Oecobius* sp.

- Salem (Sangavi et al., 2023)

3.22 Family: Oonopidae

3.22.1 *Aprusia kerala* Grismado and Deeleman, 2011

- Dindigul (Grismado, 2023)

3.22.2 *Aprusia rothorum* Grismado, 2023

- Dindigul (Grismado, 2023)

3.22.3 *Brignolia cardamom* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Dindigul (Platnick et al., 2011); Theni (Platnick et al., 2011)

3.22.4 *Brignolia kodaik* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Dindigul (Platnick et al., 2011)

3.22.5 *Brignolia kumily* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Theni (Platnick et al., 2011)

3.22.6 *Brignolia nilgiri* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Nilgiris (Platnick et al., 2011)

3.22.7 *Brignolia parumpunctata* (Simon, 1893)

- Madurai (Platnick et al., 2011)

3.22.8 *Brignolia rothorum* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Dindigul (Platnick et al., 2011)

3.22.9 *Brignolia valparai* Platnick, Dupérré, Ott and Kranz-Baltensperger, 2011

- Coimbatore (Platnick et al., 2011)

3.22.10 *Gamasomorpha taprobanica* Simon, 1893

- Nilgiris (Simon, 1905)

3.22.11 *Pelicinus madurai* Platnick, Dupérré, Ott, Baehr and Kranz-Baltensperger, 2012

- Madurai (Platnick et al., 2012)

3.22.12 *Prethopalpus madurai* Baehr, 2012

- Madurai (Baehr et al., 2012)

3.23 Family: Oxyopidae

3.23.1 *Hamataliwa* sp.

- Salem (Sangavi et al., 2023)

3.23.2 *Oxyopes ashae* Gajbe, 1999

- Kanyakumari (Sen et al., 2022)

3.23.3 *Oxyopes bhadatae* Gajbe, 1999

- Theni (Karthikeyani, 2013)

3.23.4 *Oxyopes birmanicus* Thorell, 1887

- Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Kanchipuram (Raj et al., 2021); Nagapattinam (Sugumaran and Duraimurugan, 2019); Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Gokulapriya et al., 2021); Tirunelveli (Thangamari and Vijaya, 2018); Virudhunagar (Jeyaparvathi et al., 2013)

3.23.5 *Oxyopes hindostanicus* Pocock, 1901

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919; Caleb, 2020b); Coimbatore (Reimoser, 1934); Kanyakumari (Sen et al., 2022); Nilgiris (Sherriffs, 1919; Caleb, 2019); Salem (Sugumaran et al., 2020); Theni (Karthikeyani, 2013; Banu and Kannagi, 2016); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.23.6 *Oxyopes javanus* Thorell, 1887

- Ariyalur (Veeramani et al., 2023); Coimbatore (Ganesh Kumar and Velusamy, 1996; Kadam and Rajkumar, 2020); Erode (Sugumaran, 2001); Kanchipuram (Raj et al., 2021; Sen et al., 2022); Madurai (Vijaya et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Vinothkumar, 2012); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tiruchirappalli (Rajendran et al., 2017; Gokulapriya et al., 2021); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Vanitha et al., 2009)

3.23.7 *Oxyopes lepidus* (Blackwall, 1864)

- Nilgiris (Reimoser, 1934)

3.23.8 *Oxyopes lineatipes* (C. L. Koch, 1847)

- Coimbatore (Sugumaran, 2001); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Salem (Sugumaran et al., 2007); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Sugumaran, 2001)

3.23.9 *Oxyopes quadridentatus* Thorell, 1895

- Nilgiris (Dharmaraj et al., 2018)

3.23.10 *Oxyopes rufisternis* Pocock, 1901

- Chennai (Sherriffs, 1919); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023); Virudhunagar (Jeyaparvathi, 2014)

3.23.11 *Oxyopes shweta* Tikader, 1970

- Chennai (iNaturalists, 2023); Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Dindigul (Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016; Sugumaran and Duraimurugan, 2019); Nilgiris (Dharmaraj et al., 2017); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023)

3.23.12 *Oxyopes sunandae* Tikader, 1970

- Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013)

3.23.13 *Peucetia ananthkrishnani* Murugesan, Mathew, Sudhikumar, Sunish, Biju and Sebastian, 2006

- Coimbatore (Murugesan et al., 2006)

3.23.14 *Peucetia graminea* Pocock, 1900

- Chennai (Sherriffs, 1919); Nilgiris (Sherriffs, 1919); Salem (Sugumaran et al., 2020)

3.23.15 *Peucetia jabalpurensis* Gajbe and Gajbe, 1999

- Kanyakumari (Sen et al., 2022)

3.23.16 *Peucetia latikae* Tikader, 1970

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi et al., 2013)

3.23.17 *Peucetia pawani* Gajbe, 1999

- Kanyakumari (Sen et al., 2022)

3.23.18 *Peucetia viridana* (Stoliczka, 1869)

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Chennai (Simon, 1884a; Caleb, 2020b); Coimbatore (Reimoser, 1934; Ganesh Kumar and Velusamy, 1996); Erode (Sugumaran, 2001); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Karthikeyani et al., 2017a; Dharmaraj et al., 2018); Ramanathapuram (Siliwal et al., 2008); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tiruchirappalli (Rajendran et al., 2017); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Vanitha et al., 2009; Wilson et al., 2014)

3.24 Family: Philodromidae3.24.1 *Philodromus bhagirathai* Tikader, 1966

- Chennai (Tikader, 1971); Kanyakumari (Sen et al., 2022)

3.24.2 *Philodromus pali* Gajbe and Gajbe, 2000

- Theni (Karthikeyani, 2013)

3.24.3 *Psellonus planus* Simon, 1897

- Ariyalur (Veeramani et al., 2023); Kanyakumari (Sen et al., 2022); Thiruvallur (Caleb, 2020b)

3.24.4 *Psellonus* sp.

- Salem (Sangavi et al., 2023)

3.24.5 *Thanatus elongatus* (Tikader, 1960)

- Chengalpattu (Caleb, 2020a); Kanyakumari (Sudhin et al., 2022)

3.24.6 *Tibellus jabalpurensis* Gajbe and Gajbe, 1999

- Theni (Karthikeyani, 2013)

3.24.7 *Tibellus pateli* Tikader, 1980

- Coimbatore (Karthikeyani et al., 2017a)

3.24.8 *Tibellus vitilis* Simon, 1906

- Nilgiris (Simon, 1906a); Viluppuram (Simon, 1906a)

3.25 Family: Pholcidae

3.25.1 *Artema atlanta* Walckenaer, 1837

- Chengalpattu (Pocock, 1900; Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Simon, 1885a); Kanyakumari (Sen et al., 2022); Nagapattinam (Sivaperuman and Thiyakesan, 1999); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013); Tiruchirappalli (Rajendran et al., 2017); Tirunelveli (Sugumaran, 2001); Viluppuram (Karthikeyani et al., 2017a)

3.25.2 *Belisana dodabetta* Huber, 2005

- Nilgiris (Huber, 2005)

3.25.3 *Crossopriza lyoni* (Blackwall, 1867)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Pocock, 1900; Caleb, 2020a); Chennai (Pocock, 1900; Huber, 2022); Coimbatore (Devika et al., 2022; Huber, 2022); Dindigul (Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Madurai (Huber, 2022); Nagapattinam (Sivaperuman and Thiyakesan, 1999); Nilgiris (Karthikeyani et al., 2017a); Ramanathapuram (Huber, 2022); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Thoothukudi (Kumar et al., 2013); Tirunelveli (Thangamari and Vijaya, 2018); Vellore (Huber, 2022); Viluppuram (Karthikeyani et al., 2017a); Virudhunagar (Vijaya et al., 2018)

3.25.4 *Pholcus alagarkoil* (Huber, 2011)

- Madurai (Huber, 2011); Virudhunagar (Huber, 2011)

3.25.5 *Pholcus fragillimus* Strand, 1907

- Salem (Huber, 2011); Theni (Huber, 2011); Tiruchirappalli (Huber, 2011); Virudhunagar (Huber, 2011)

3.25.6 *Pholcus phalangioides* (Fuesslin, 1775)

- Chengalpattu (Caleb, 2020a); Coimbatore (Sugumaran, 2001); Dindigul (Karthikeyani et al., 2017a); Kanyakumari (Sen et al., 2022); Nilgiris (Simon, 1905); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013); Thoothukudi (Kumar et al., 2013); Tiruchirappalli (Karthikeyani et al., 2017a)

3.25.7 *Smeringopus pallidus* (Blackwall, 1858)

- Chennai (Sherriffs, 1919)

3.25.8 *Smeringopus* sp.

- Salem (Sangavi et al., 2023)

3.26 Family: Pisauridae

3.26.1 *Dendrolycosa gitae* (Tikader, 1970)

- Coimbatore (Kadam and Rajkumar, 2020); Nilgiris (Dharmaraj et al., 2018); Theni (Karthikeyani, 2013)

3.26.2 *Dolomedes fimbriatus* (Clerck, 1757)

- Coimbatore (Ganesh Kumar et al., 1999)

3.26.3 *Eucamptopus coronatus* Pocock, 1900

- Tirunelveli (Pocock, 1900; Tikader and Malhotra, 1976)

3.26.4 *Euprostenops ellioti* (O. Pickard-Cambridge, 1877)

- Chengalpattu (Pocock, 1900); Chennai (Sherriffs, 1919); Coimbatore (Kadam and Rajkumar, 2020)

3.26.5 *Nilus albocinctus* (Doleschall, 1859)

- Virudhunagar (Jeyaparvathi et al., 2013; Mahalakshmi and Jeyaparvathi, 2014)

3.26.6 *Nilus phipsoni* (F. O. Pickard-Cambridge, 1898)

- Chennai (Sherriffs, 1919)

3.26.7 *Perenethis sindica* (Simon, 1897)

- Viluppuram (Simon, 1906)

3.26.8 *Perenethis venusta* L. Koch, 1878

- Kanyakumari (Sen et al., 2022)

3.26.9 *Polyboea vulpina* Thorell, 1895

; Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022); Tirunelveli (Sen and Sureshan, 2021)

3.27 Family: Prodidomidae

3.27.1 *Zimiris doriae* Simon, 1882

- Chennai (Sherriffs, 1919); Ramanathapuram (Simon, 1884b)

3.27.2 *Zimiris* sp.

- Salem (Sangavi et al., 2023)

3.28 Family: Psechridae

3.28.1 *Fecenia protensa* Thorell, 1891

- Dindigul (Bayer, 2012); Nilgiris (Levi, 1982; Dharmaraj et al., 2018)

3.28.2 *Psechrus crepido* Bayer, 2012

- Tiruchirappalli (Bayer, 2012)

3.28.3 *Psechrus hartmanni* Bayer, 2012

- Kanyakumari (Bayer, 2012; Sen et al., 2022)

3.28.4 *Psechrus torvus* (O. Pickard-Cambridge, 1869)

- Coimbatore (Kapoor, 2008); Coimbatore (Bayer, 2012); Dindigul (Reimoser, 1934; Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022)

3.29 Family: Psilodercidae

3.29.1 *Althepus incognitus* Brignoli, 1973

- Nilgiris (Brignoli, 1973)

3.29.2 *Althepus pictus* Thorell, 1898

- Nilgiris (Reimoser, 1934)

3.30 Family: Salticidae

3.30.1 *Aelurillus kronestedti* Azarkina, 2004

- Chengalpattu (Caleb et al., 2015); Chennai (Karthikeyani et al., 2017a; Caleb, 2020b)

3.30.2 *Aelurillus* sp.

- Salem (Sangavi et al., 2023)

3.30.3 *Afraflacilla* sp.

- Salem (Sangavi et al., 2023)

3.30.4 *Asemonea tenuipes* (O. Pickard-Cambridge, 1869)

- Ramanathapuram (Simon, 1885b)

3.30.5 *Bavia sexpunctata* (Doleschall, 1859)

- Nilgiris (Reimoser, 1934)

3.30.6 *Bianor balius* Thorell, 1890

- Chengalpattu (Caleb, 2020a); Chennai (Karthikeyani et al., 2017a); Coimbatore (Reimoser, 1934); Thiruvallur (Caleb, 2020b)

3.30.7 *Brettus adonis* Simon, 1900

- Chengalpattu (Caleb, 2020a)

3.30.8 *Brettus anchorum* Wanless, 1979

- Nilgiris (Wanless, 1979)

3.30.9 *Brettus cingulatus* Thorell, 1895

- Ariyalur (Veeramani et al., 2023); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Tiruchirappalli (Simon, 1900a; Wanless, 1979)

3.30.10 *Bristowia gandhii* Kanesharatnam and Benjamin, 2016

- Thiruvallur (Caleb, 2020b)

3.30.11 *Carrhotus silanthi* Caleb, 2020

- Chengalpattu (Caleb et al., 2020)

3.30.12 *Carrhotus viduus* (C. L. Koch, 1846)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Devika et al., 2022); Dindigul (Karthikeyani et al., 2017a); Kanchipuram (Raj et al., 2021); Madurai (Karthikeyani et al., 2017a); Namakkal (Gupta et al., 2021); Nilgiris (Dharmaraj et al., 2018); Salem (Gupta et al., 2021; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani and Kannan, 2013; Caleb, 2016a); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013)

3.30.13 *Chalcotropis pennata* Simon, 1902

- Ariyalur (Veeramani et al., 2023); Kanyakumari (Sen et al., 2022); Madurai (Simon, 1902); Tiruchirappalli (Karthikeyani et al., 2017a)

3.30.14 *Chrysilla volupe* (Karsch, 1879)

- Chengalpattu (Caleb and Mathai, 2014c; Caleb, 2020a); Chennai (Caleb and Mathai, 2014c; Caleb, 2020b); Salem (Sangavi et al., 2023); Tiruppur (Gokul et al., 2022)

3.30.15 *Cocalus* sp.

- Chengalpattu (Caleb, 2016d)

3.30.16 *Colaxes nitidiventris* Simon, 1900

- Tiruchirappalli (Simon, 1900b; Benjamin, 2004)

3.30.17 *Colopsus manu* (Caleb, Christudhas, Laltanpuui and Chitra, 2014)

- Chengalpattu (Caleb et al., 2014b; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a)

3.30.18 *Curubis erratica* Simon, 1902

- Chennai (Caleb, 2016b); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b)

3.30.19 *Cyrba ocellata* (Kroneberg, 1875)

- Chengalpattu (Caleb, 2020a); Coimbatore (Simon, 1885a); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b)

3.30.20 *Epeus indicus* Prószyński, 1992

- Coimbatore (Srikumar et al., 2018); Kanyakumari (Sen et al., 2022)

3.30.21 *Epocilla aurantiaca* (Simon, 1885)

- Coimbatore (Srikumar et al., 2018); Ramanathapuram (Simon, 1885b); Salem (Sangavi et al., 2023)

3.30.22 *Evarcha flavocincta* (C. L. Koch, 1846)

- Ariyalur (Veeramani et al., 2023); Mayiladuthurai (Veeramani et al., 2021)

3.30.23 *Harmochirus brachiatus* (Thorell, 1877)

- Nilgiris (Reimoser, 1934)

3.30.24 *Harmochirus exaggeratus* Caleb and Mathai, 2015

- Chengalpattu (Caleb and Mathai, 2015; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a)

3.30.25 *Harmochirus zabkai* Logunov, 2001

- Chengalpattu (Caleb, 2020a); Chennai (Logunov, 2001); Madurai (Logunov, 2001); Salem (Logunov, 2001)

3.30.26 *Hasarius adansoni* (Audouin, 1826)

- Chengalpattu (Caleb, 2020a); Chennai (iNaturalists, 2023); Coimbatore (Simon, 1885a); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Ramanathapuram (Simon, 1885b); Salem (Sangavi et al., 2023); Theni (Banu and Kannagi, 2016); Thiruvallur (Caleb, 2020b); Virudhunagar (Jeyaparvathi, 2014; Wilson et al., 2014)

3.30.27 *Hindumanes karnatakaensis* (Tikader and Biswas, 1978)

- Ariyalur (Veeramani et al., 2023)

3.30.28 *Hyllus semicupreus* (Simon, 1885)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Devika et al., 2022); Dindigul (Umarani and Umamaheswari, 2013); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Namakkal (Gupta et al., 2021); Nilgiris (Dharmaraj et al., 2018); Ramanathapuram (Simon, 1885b); Salem (Gupta et al., 2021; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Tiruvannamalai (iNaturalists, 2023); Virudhunagar (Jeyaparvathi et al., 2013; Mahalakshmi and Jeyaparvathi, 2014)

3.30.29 *Icius alboterminus* (Caleb, 2014)

- Chennai (Caleb, 2014; Caleb, 2020b)

3.30.30 *Icius kumariae* Caleb, 2017

- Chennai (Caleb, 2017b); Thiruvallur (Caleb, 2020b)

3.30.31 *Indopadilla insularis* (Malamel, Sankaran and Sebastian, 2015)

- Kanyakumari (Sen et al., 2022)

3.30.32 *Jerzego bipartitus* (Simon, 1903)

- Chennai (Wanless, 1981)

3.30.33 *Langona albolinea* Caleb and Mathai, 2015

- Chengalpattu (Caleb et al., 2015; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a)
- 3.30.34 *Langona davidi* (Caleb, Mungkung and Mathai, 2015)
- Chengalpattu (Caleb et al., 2015; Caleb, 2020a)
- 3.30.35 *Langona tigrina* (Simon, 1885)
- Chengalpattu (Caleb, 2020a); Coimbatore (Simon, 1885a)
- 3.30.36 *Langona* sp.
- Salem (Sangavi et al., 2023)
- 3.30.37 *Marengo sachintendulkar* Malamel, Prajapati, Sudhikumar and Sebastian, 2019
- Kanchipuram (Malamel et al., 2019)
- 3.30.38 *Maripanthus* sp.
- Salem (Sangavi et al., 2023)
- 3.30.39 *Menemerus bivittatus* (Dufour, 1831)
- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Simon, 1885a; Kadam and Rajkumar, 2020); Kanyakumari (Prakash et al., 2023); Nilgiris (Reimoser, 1934; Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Banu and Kannagi, 2016); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)
- 3.30.40 *Menemerus fulvus* (L. Koch, 1878)
- Salem (Sangavi et al., 2023)
- 3.30.41 *Mogrus fabrei* Simon, 1885
- Ramanathapuram (Simon, 1885b)
- 3.30.42 *Myrmaplata plataleoides* (O. Pickard-Cambridge, 1869)
- Chengalpattu (Caleb, 2016c; Caleb, 2020a); Coimbatore (Ganesh Kumar and Mohanasundaram, 1998; Devika et al., 2022); Kanchipuram (iNaturalists, 2023); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Salem (Sugumaran et al., 2007); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)
- 3.30.43 *Myrmarachne kuwagata* Yaginuma, 1967
- Thiruvallur (Caleb, 2016c; Caleb, 2020b)
- 3.30.44 *Myrmarachne laeta* (Thorell, 1887)
- Chennai (Narayan, 1915)
- 3.30.45 *Myrmarachne markaha* Barrion and Litsinger, 1995
- Coimbatore (Sugumaran, 2001); Salem (Sugumaran et al., 2007); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)
- 3.30.46 *Myrmarachne melanocephala* MacLeay, 1839
- Chengalpattu (Caleb, 2016a; Caleb, 2020b); Chennai (Caleb, 2016c); Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b); Tiruppur (Gokul et al., 2022)
- 3.30.47 *Myrmarachne prava* (Karsch, 1880)
- Chennai (Caleb, 2016c); Thiruvallur (Caleb, 2016c; Caleb, 2020b)
- 3.30.48 *Myrmarachne ramunni* Narayan, 1915

- Chennai (Narayan, 1915; Caleb, 2016c; Caleb, 2020b); Nilgiris (Dharmaraj et al., 2018); Thiruvallur (Caleb, 2016c)

3.30.49 *Myrmarachne roeweri* Reimoser, 1934

- Nilgiris (Reimoser, 1934)

3.30.50 *Myrmarachne tristis* (Simon, 1882)

- Chennai (Narayan, 1915)

3.30.51 *Myrmarachne uniseriata* Narayan, 1915

- Chennai (Narayan, 1915)

3.30.52 *Nepalicius nepalicus* (Andreeva, Hęciak and Prószyński, 1984)

- Nilgiris (Prószyński, 1992a)

3.30.53 *Okinawicius modestus* (Simon, 1885)

- Ramanathapuram (Simon, 1885b)

3.30.54 *Onomastus indra* Benjamin, 2010

- Dindigul (Benjamin, 2010)

3.30.55 *Onomastus patellaris* Simon, 1900

- Dindigul (Simon, 1900a); Tiruchirappalli (Karthikeyani et al., 2017a)

3.30.56 *Padillothorax casteti* (Simon, 1900)

- Tiruchirappalli (Simon, 1900b)

3.30.57 *Panysinus grammicus* Simon, 1902

- Dindigul (Simon, 1902)

3.30.58 *Pellenes iva* Caleb, 2018

- Thiruvallur (Caleb and Kumar, 2018; Caleb, 2020b)

3.30.59 *Phaeacius fimbriatus* Simon, 1900

- Kanyakumari (Sen et al., 2022)

3.30.60 *Phanuelus gladstone* Caleb and Mathai, 2015

- Chengalpattu (Caleb et al., 2015; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a)

3.30.61 *Phidippus bengalensis* Tikader, 1977

- Dindigul (Umarani and Umamaheswari, 2013); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.30.62 *Phidippus yashodharae* Tikader, 1977

- Nilgiris (Dharmaraj et al., 2018)

3.30.63 *Phintella accentifera* (Simon, 1901)

- Madurai (Simon, 1901)

3.30.64 *Phintella coonooriensis* Prószyński, 1992

- Nilgiris (Prószyński, 1992a)

3.30.65 *Phintella indica* (Simon, 1901)

- Tiruchirappalli (Prószyński, 1992b); Virudhunagar (Jeyaparvathi, 2014)

3.30.66 *Phintella nilgirica* Prószyński, 1992

- Nilgiris (Prószyński, 1992a)

3.30.67 *Phintella platnicki* Sudhin, Sen and Caleb, 2023

- Salem (Sudhin et al., 2023a)

3.30.68 *Phintella vittata* (C. L. Koch, 1846)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Coimbatore (Dharmaraj et al., 2020a; Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b)

3.30.69 *Phintelloides jesudasi* (Caleb and Mathai, 2014)

- Chengalpattu (Caleb, 2020a); Chennai (Karthikeyani et al., 2017a); Thiruvallur (Caleb and Mathai, 2014c)

3.30.70 *Phlegra dhakuriensis* (Tikader, 1974)

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.30.71 *Phlegra prasanna* Caleb and Mathai, 2015

- Chengalpattu (Caleb et al., 2015; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a)

3.30.72 *Pilia escheri* Reimoser, 1934

- Nilgiris (Reimoser, 1934)

3.30.73 *Pilia saltabunda* Simon, 1902

- Dindigul (Simon, 1902)

3.30.74 *Piranthus casteti* Simon, 1900

- Tiruchirappalli (Karthikeyani et al., 2017)

3.30.75 *Plexippus paykulli* (Audouin, 1826)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Sherriffs, 1931; Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Reimoser, 1934; Ganesh Kumar and Velusamy, 1996); Dindigul (Umarani and Umamaheswari, 2013); Kanchipuram (iNaturalists, 2023); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Veeramani et al., 2021); Nagapattinam (Sankari et al., 2016); Namakkal (Gupta et al., 2021); Nilgiris (Dharmaraj et al., 2017); Ramanathapuram (Simon, 1885b; Siliwal et al., 2008); Salem (Gupta et al., 2021; Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013; Banu and Kannagi, 2016); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.30.76 *Plexippus petersi* (Karsch, 1878)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Chennai (iNaturalists, 2023); Coimbatore (Devika et al., 2022); Nagapattinam (Sankari et al., 2016); Namakkal (Gupta et al., 2021); Nilgiris (Dharmaraj et al., 2018); Salem (Gupta et al., 2021; Sangavi et al., 2023); Theni (Banu and Kannagi, 2016; Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.30.77 *Plexippus redimitus* Simon, 1902

- Chennai (Sherriffs, 1931)

3.30.78 *Portia fimbriata* (Doleschall, 1859)

- Nilgiris (Dharmaraj et al., 2018); Virudhunagar (Jeyaparvathi et al., 2013)

3.30.79 *Portia labiata* (Thorell, 1887)

- Nilgiris (Wanless, 1978)

3.30.80 *Proszynskia diatrete* (Simon, 1902)

- Chennai (Caleb and Mathai, 2014c; Caleb, 2020b); Tiruchirappalli (Simon, 1902; Caleb and Mathai, 2014c)

3.30.81 *Pseudicius* sp.

- Salem (Sangavi et al., 2023)

3.30.82 *Rhene flavicomans* Simon, 1902

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Kadam and Rajkumar, 2020)

3.30.83 *Rhene flavigera* (C. L. Koch, 1846)

- Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.30.84 *Rhene histrio* (Thorell, 1891)

- Vellore (Thorell, 1891)

3.30.85 *Rhene rubrigera* (Thorell, 1887)

- Nilgiris (Sherriffs, 1931)

3.30.86 *Rudakius ludhianaensis* (Tikader, 1974)

- Thiruvallur (Caleb et al., 2019; Caleb, 2020b)

3.30.87 *Siler semiglaucus* (Simon, 1901)

- Kanyakumari (Sen et al., 2022)

3.30.88 *Stenaelurillus arambagensis* (Biswas and Biswas, 1992)

- Salem (Sangavi et al., 2023); Thiruvarur (Sudhin et al., 2023b)

3.30.89 *Stenaelurillus jagannathae* Das, Malik and Vidhel, 2015

- Coimbatore (Devika et al., 2022)

3.30.90 *Stenaelurillus lesserti* Reimoser, 1934

- Chengalpattu (Caleb and Sanap, 2016; Caleb, 2020a); Coimbatore (Reimoser, 1934); Nilgiris (Reimoser, 1934); Tirunelveli (Caleb and Sanap, 2016)

3.30.91 *Stenaelurillus megamalai* Sudhin, Sen and Caleb, 2023

- Theni (Sudhin et al., 2023a)

3.30.92 *Stenaelurillus metallicus* Caleb and Mathai, 2016

- Chengalpattu (Caleb and Mathai, 2016b; Caleb, 2020a)

3.30.93 *Synagelides lehtineni* Logunov and Hereward, 2006

- Coimbatore (Nataraj et al., 2017); Nilgiris (Logunov and Hereward, 2006)

3.30.94 *Telamonia dimidiata* (Simon, 1899)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1931); Coimbatore (Srikumar et al., 2018; Devika et al., 2022); Dindigul (Umarani and Umamaheswari, 2013); Kanchipuram (Raj et al., 2021); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014; Veeramani et al., 2021); Ramanathapuram (Siliwal et al., 2008; Anand et al., 2015); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Theni (Banu and Kannagi, 2016; Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.30.95 *Telamonia elegans* (Thorell, 1887)

- Chengalpattu (Sherriffs, 1931)

3.30.96 *Telamonia festiva* Thorell, 1887

- Ariyalur (Veeramani et al., 2023); Mayiladuthurai (Veeramani et al., 2021)

3.30.97 *Telamonia formosa* (Simon, 1902)

- Chennai (Sherriffs, 1931)

3.30.98 *Telamonia hasselti* (Thorell, 1878)

- Chennai (Sherriffs, 1931)

3.30.99 *Thiania bhamoensis* Thorell, 1887

- Salem (Sugumaran et al., 2007); Virudhunagar (Jeyaparvathi et al., 2013; Wilson et al., 2014)

3.30.100 *Thyene calebi* (Kanesharatnam and Benjamin, 2018)

- Chennai (Karthikeyani et al., 2017a); Sangavi et al., 2023; Thiruvallur (Caleb and Mathai, 2014c)

3.30.101 *Thyene imperialis* (Rossi 1846)

- Chengalpattu (Caleb, 2020a); Namakkal (Gupta et al., 2021); Salem (Gupta et al., 2021; Sangavi et al., 2023); Thiruvallur (Caleb, 2020b); Tiruppur (Gokul et al., 2022)

3.30.102 *Viciria minima* Reimoser, 1934

- Coimbatore (Dharmaraj et al., 2020a); Nilgiris (Reimoser, 1934)

3.31 Family: Scytodidae

3.31.1 *Dictis striatipes* L. Koch, 1872

- Chengalpattu (Caleb, 2020a); Nilgiris (Reimoser, 1934)

3.31.2 *Scytodes alfredi* Gajbe, 2004

- Theni (Karthikeyani, 2013)

3.31.3 *Scytodes fusca* Walckenaer, 1837

- Chennai (Brignoli, 1976); Namakkal (Sampathkumar et al., 2022); Salem (Sangavi et al., 2023); Tiruppur (Gokul et al., 2022)

3.31.4 *Scytodes gilva* (Thorell, 1887)

- Chennai (Sherriffs, 1919)

3.31.5 *Scytodes pallida* Doleschall, 1859

- Salem (Sangavi et al., 2023)

3.31.6 *Scytodes propinqua* Stoliczka, 1869

- Namakkal (Gupta et al., 2021); Nilgiris (Simon, 1905); Salem (Gupta et al., 2021); Viluppuram (Simon, 1905)

3.31.7 *Scytodes thoracica* (Latreille, 1802)

- Salem (Sangavi et al., 2023)

3.31.8 *Scytodes univittata* Simon, 1882

- Ramanathapuram (Simon, 1885b)

3.32 Family: Segestriidae

3.32.1 *Ariadna nebulosa* Simon, 1906

- Madurai (Simon, 1906a)

3.32.2 *Segestria inda* Simon, 1906

- Dindigul (Simon, 1906a); Viluppuram (Simon, 1906a)

3.33 Family: Selenopidae

3.33.1 *Makdiops nilgirensis* (Reimoser, 1934)

- Nilgiris (Reimoser, 1934; Crews and Harvey, 2011)

3.33.2 *Makdiops shevaroyensis* (Gravely, 1931)

- Salem (Gravely, 1931; Sankaran et al., 2022)

3.33.3 *Selenops radiatus* Latreille, 1819

- Cuddalore (Gravely, 1931); Nilgiris (Sherriffs, 1919)

3.33.4 *Selenops* sp.

- Salem (Sangavi et al., 2023)

3.34 Family: Sicariidae

3.34.1 *Loxosceles rufescens* (Dufour, 1820)

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Salem (Sangavi et al., 2023)

3.35 Family: Sparassidae

3.35.1 *Gnathopalystes flavidus* (Simon, 1897)

- Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1931); Ramanathapuram (Tikader and Sethi, 1990); Salem (Sangavi et al., 2023); Tiruchirappalli (Pocock, 1900; Tikader and Sethi, 1990)

3.35.2 *Heteropoda bhaikakai* Patel and Patel, 1973

- Dindigul (Umarani and Umamaheswari, 2013); Salem (Sangavi et al., 2023)

3.35.3 *Heteropoda fabrei* Simon, 1885

- Ramanathapuram (Simon, 1885b; Pocock, 1900); Tiruchirappalli (Pocock, 1900)

3.35.4 *Heteropoda hampsoni* Pocock, 1901

- Nilgiris (Pocock, 1901)

3.35.5 *Heteropoda lentula* Pocock, 1901

- Tirunelveli (Pocock, 1901)

3.35.6 *Heteropoda leprosa* Simon, 1884

- Nilgiris (Gravely, 1931); Salem (Sangavi et al., 2023)

3.35.7 *Heteropoda malitiosa* Simon, 1906

- Nilgiris (Simon, 1906a)

3.35.8 *Heteropoda nilgirina* Pocock, 1901

- Kanyakumari (Sen et al., 2022); Nilgiris (Pocock, 1901; Reimoser, 1934); Thanjavur (Raja et al., 2023); Thiruvapur (Raja et al., 2023)

3.35.9 *Heteropoda phasma* (Simon, 1897)

- Salem (Sugumaran et al., 2020)

3.35.10 *Heteropoda sexpunctata* Simon, 1885

- Chengalpattu (Gravely, 1931); Chennai (Sherriffs, 1919; Gravely, 1931); Coimbatore (Reimoser, 1934); Nilgiris (Reimoser, 1934); Ranipet (Sethi and Tikader, 1988); Viluppuram (Simon, 1906a)

3.35.11 *Heteropoda venatoria* (Linnaeus 1767)

- Ariyalur (Veeramani et al., 2023); Chengalpattu (Caleb, 2020a); Chennai (Gravely, 1931; Sethi and Tikader,

1988); Coimbatore (Sugumaran et al., 2006; Kadam and Rajkumar, 2020); Erode (Sugumaran, 2001); Kanyakumari (Sunitha and Miranda, 2011; Sen et al., 2022); Mayiladuthurai (Veeramani et al., 2021); Nagapattinam (Sivaperuman and Thiyakesan, 1999); Nilgiris (Sherriffs, 1919; Gravely, 1931; Dharmaraj et al., 2017); Ramanathapuram (Siliwal et al., 2008); Salem (Sugumaran et al., 2007; Sugumaran et al., 2020); Theni (Karthikeyani and Kannan, 2012); Tirunelveli (Sugumaran, 2001); Tiruppur (Gokul et al., 2022); Virudhunagar (Sugumaran, 2001)

3.35.12 *Martensopoda minuscula* (Reimoser, 1934)

- Dindigul (Reimoser, 1934); Nilgiris (Reimoser, 1934)

3.35.13 *Olios bhavnagarensis* Sethi and Tikader, 1988

- Salem (Sangavi et al., 2023)

3.35.14 *Olios gravelyi* Sethi and Tikader, 1988

- Salem (Sangavi et al., 2023)

3.35.15 *Olios hampsoni* (Pocock, 1901)

- Coimbatore (Sugumaran et al., 2005); Erode (Sugumaran, 2001); Nilgiris (Pocock, 1901; Sethi and Tikader, 1988); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran et al., 2005)

3.35.16 *Olios lamarcki* (Latreille, 1806)

- Chengalpattu (Pocock, 1900; Gravely, 1931); Chennai (Sherriffs, 1919; Gravely, 1931); Coimbatore (Simon, 1885a; Pocock, 1900); Kanyakumari (Sen et al., 2022); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2018); Tiruppur (Gokul et al., 2022); Viluppuram (Simon, 1906a)

3.35.17 *Olios milleti* (Pocock, 1901)

- Chengalpattu (Gravely, 1931; Sethi and Tikader, 1988); Chennai (Gravely, 1931); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Kanchipuram (Raj et al., 2021); Kanyakumari (Sen et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sugumaran and Duraimurugan, 2019); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Theni (Karthikeyani, 2013); Tiruppur (Gokul et al., 2022); Virudhunagar (Jeyaparvathi et al., 2013)

3.35.18 *Olios obesulus* (Pocock, 1901)

- Chennai (Gravely, 1931; Sethi and Tikader, 1988)

3.35.19 *Olios punctipes* Simon, 1884

- Dindigul (Umarani and Umamaheswari, 2013); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011); Virudhunagar (Jeyaparvathi, 2014)

3.35.20 *Olios rotundiceps* (Pocock, 1901)

- Nilgiris (Pocock, 1901)

3.35.21 *Olios senilis* Simon, 1880

- Tiruchirappalli (Sethi and Tikader, 1988)

3.35.22 *Olios tarandus* (Simon, 1897)

- Chennai (Sherriffs, 1919)

3.35.23 *Olios tener* (Thorell, 1891)

- Chennai (Gravely, 1931)

3.35.24 *Olios wroughtoni* (Simon, 1897)

- Salem (Sangavi et al., 2023)

3.35.25 *Thelcticopis ajax* Pocock, 1901

- Nilgiris (Pocock, 1901)

3.35.26 *Thelcticopis maindroni* Simon, 1906

- Nilgiris (Simon, 1906a)

3.35.27 *Thelcticopis rufula* Pocock, 1901

- Dindigul (Reimoser, 1934); Nilgiris (Pocock, 1901)

3.36 Family: Stenochilidae

3.36.1 *Stenochilus hobsoni* O. Pickard-Cambridge, 1871

- Viluppuram (Platnick. and Shadab, 1974)

3.37 Family: Symphytognathidae

3.37.1 *Iardinis mussardi* Brignoli, 1980

- Coimbatore (Brignoli, 1980); Madurai (Lopardo and Hormiga, 2015)

3.38 Family: Tetrablemmidae

3.38.1 *Tetrablemma brignolii* Lehtinen, 1981

- Nilgiris (Lehtinen, 1981; Sankaran and Sebastian, 2016)

3.39 Family: Tetragnathidae

3.39.1 *Leucauge celebesiana* (Walckenaer, 1841)

- Dindigul (Umarani and Umamaheswari, 2013); Chennai (Sherriffs, 1919); Nilgiris (Pocock, 1900; Tikader, 1982)

3.39.2 *Leucauge decorata* (Blackwall, 1864)

- Chengalpattu (Gravelly, 1921; Caleb, 2020a); Chennai (Karthikeyani et al., 2017a; Caleb, 2020b); Coimbatore (Ganesh Kumar and Velusamy, 1996; Kadam and Rajkumar, 2020); Dindigul (Karthikeyani et al., 2017a; Krishnaveni and Kandeepan, 2018); Erode (Sugumaran, 2001); Kanyakumari (Sen et al., 2022); Madurai (Vijaya, 2019; Vijaya et al., 2022); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Nilgiris (Gravelly, 1921); Salem (Gravelly, 1921; Sugumaran et al., 2007); Thanjavur (Raja et al., 2023); Theni (Shunmugavelu and Karthikeyani, 2010; Banu and Kannagi, 2016); Thiruvavur (Raja et al., 2023); Thoothukudi (Kumar et al., 2013); Tiruchirappalli (Gravelly, 1921; Rajendran et al., 2017); Tirunelveli (Sugumaran, 2001); Tiruppur (Gokul et al., 2022); Virudhunagar (Vanitha et al., 2009)

3.39.3 *Leucauge ditissima* (Thorell, 1887)

- Nilgiris (Sherriffs, 1919)

3.39.4 *Leucauge dorsotuberculata* Tikader, 1982

- Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.39.5 *Leucauge fastigata* (Simon, 1877)

- Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Dindigul (Umarani and Umamaheswari, 2013); Erode (Sugumaran, 2001); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Salem (Sugumaran et al., 2007); Tirunelveli (Sugumaran, 2001); Virudhunagar (Mahalakshmi and Jeyaparvathi, 2014)

3.39.6 *Leucauge granulata* (Walckenaer, 1837)

- Chennai (Sherriffs, 1919); Nilgiris (Sherriffs, 1919)

3.39.7 *Leucauge tessellata* (Thorell, 1887)

- Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022)

3.39.8 *Mesida culta* (O. Pickard-Cambridge, 1869)

- Coimbatore (Kapoor, 2008); Nilgiris (Reimoser, 1934)

3.39.9 *Tetragnatha andamanensis* Tikader, 1977

- Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.39.10 *Tetragnatha ceylonica* O. Pickard-Cambridge 1869

- Chengalpattu (Pocock, 1900); Chennai (Sherriffs, 1919; Caleb, 2020b); Nilgiris (Simon, 1906a; Sherriffs, 1919)

3.39.11 *Tetragnatha cochinensis* Gravely, 1921

- Nilgiris (Gravely, 1921; Sherriffs, 1928); Salem (Sangavi et al., 2023); Tiruchirappalli (Gravely, 1921)

3.39.12 *Tetragnatha fletcheri* Gravely, 1921

- Coimbatore (Srikumar et al., 2018)

3.39.13 *Tetragnatha geniculata* Karsch, 1892

- Chennai (Sherriffs, 1919; Gravely, 1921); Nilgiris (Sherriffs, 1919; Gravely, 1921)

3.39.14 *Tetragnatha hasselti birmanica* Sherriffs, 1919

- Chennai (Sherriffs, 1919)

3.39.15 *Tetragnatha hasselti* Thorell, 1890

- Kanyakumari (Sen et al., 2022)

3.39.16 *Tetragnatha isidis* (Simon, 1880)

- Nilgiris (Reimoser, 1934)

3.39.17 *Tetragnatha javana* (Thorell, 1890)

- Chengalpattu (Gravely, 1921); Coimbatore (Ganesh Kumar and Velusamy, 1996); Kanyakumari (Sen et al., 2022); Nagapattinam (Sankari et al., 2016); Nilgiris (Gravely, 1921; Vinothkumar, 2012; Dharmaraj et al., 2018); Salem (Sangavi et al., 2023); Thanjavur (Jayakumar and Sankari, 2010); Thanjavur (Raja et al., 2023); Theni (Banu and Kannagi, 2016); Thiruvallur (Caleb, 2020b); Thiruvarur (Raja et al., 2023); Tiruchirappalli (Rajendran et al., 2017); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)

3.39.18 *Tetragnatha keyserlingi* Simon, 1890

- Salem (Sangavi et al., 2023)

3.39.19 *Tetragnatha mandibulata* Walckenaer, 1841

- Chengalpattu (Gravely, 1921; Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Ganesh Kumar and Velusamy, 1996; Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022); Nagapattinam (Jayakumar et al., 2017); Nilgiris (Sherriffs, 1919; Gravely, 1921; Dharmaraj et al., 2018); Salem (Sugumaran et al., 2020; Sangavi et al., 2023); Thanjavur (Jayakumar et al., 2017; Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvallur (Caleb, 2020b); Thiruvarur (Jayakumar et al., 2017; Raja et al., 2023)

3.39.20 *Tetragnatha sutherlandi* Gravely, 1921

- Tiruchirappalli (Gravely, 1921)

3.39.21 *Tetragnatha vermiformis* Emerton, 1884

- Chennai (Gravely, 1921)

3.39.22 *Tetragnatha viridorufa* Gravely, 1921

- Chengalpattu (Gravely, 1921); Nilgiris (Dharmaraj et al., 2018); Thanjavur (Raja et al., 2023); Thiruvapur (Raja et al., 2023)

3.39.23 *Tylorida marmorea* (Pocock, 1901)

- Nilgiris (Sherriffs, 1919; Sankaran et al., 2017)

3.39.24 *Tylorida striata* (Thorell, 1877)

- Ariyalur (Veeramani et al., 2023); Mayiladuthurai (Veeramani et al., 2021); Salem (Sangavi et al., 2023)

3.39.25 *Tylorida ventralis* (Thorell, 1877)

- Chennai (Majumder, 2005); Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023)

3.40 Family: Theraphosidae

3.40.1 *Annandaliella pectinifera* Gravely, 1935

- Coimbatore (Gravely, 1935; Siliwal et al., 2011a)

3.40.2 *Haploclastus cervinus* Simon, 1892

- Dindigul (Simon, 1892; Siliwal et al., 2011a); Nilgiris (Karthikeyani et al., 2017a)

3.40.3 *Haploclastus nilgirinus* Pocock, 1899

- Coimbatore (Kadam and Rajkumar, 2020); Nilgiris (Pocock, 1899a; Moinudheen et al., 2017)

3.40.4 *Haploclastus tenebrosus* Gravely, 1935

- Madurai (Gravely, 1935; Siliwal et al., 2011a)

3.40.5 *Haploclastus validus* (Pocock, 1899)

- Dindigul (Reimoser, 1934); Nilgiris (Reimoser, 1934)

3.40.5 *Haploclastus* sp.

- Salem (Sangavi et al., 2023)

3.40.6 *Neoheterophriectus madraspatanus* (Gravely, 1935)

- Chengalpattu (Gravely, 1935; Siliwal et al., 2011a); Chennai (Gravely, 1935; Siliwal et al., 2011a)

3.40.7 *Plesiophriectus fabrei* (Simon, 1892)

- Madurai (Simon, 1892; Pocock, 1900; Siliwal et al., 2011a)

3.40.8 *Plesiophriectus millardi* Pocock, 1899

- Tiruppur (Gokul et al., 2022)

3.40.9 *Plesiophriectus nilagiriensis* Siliwal, Molur and Raven, 2007

- Coimbatore (Siliwal et al., 2007; Siliwal et al., 2011a); Nilgiris (Karthikeyani et al., 2017a)

3.40.10 *Poecilotheria formosa* Pocock, 1899

- Madurai (Kishore and Roopha, 2022); Salem (Pocock, 1899b; Siliwal et al., 2008)

3.40.11 *Poecilotheria hanumavilasumica* Smith, 2004

- Ramanathapuram (Smith, 2004; Siliwal et al., 2008)

3.40.12 *Poecilotheria metallica* Pocock, 1899

- Chennai (Pocock, 1900); Nilgiris (Pocock, 1900); Viluppuram (Raman et al., 2019)

3.40.13 *Poecilotheria regalis* Pocock, 1899

- Coimbatore (Molur et al., 2004; Siliwal et al., 2008); Erode (Molur et al., 2004); Nilgiris (Pocock, 1899b; Molur et al., 2004); Ranipet (Pocock, 1899b); Tenkasi (Pocock, 1900); Tiruppur (Molur et al., 2004)

3.40.14 *Poecilotheria striata* Pocock, 1895

- Coimbatore (Molur et al., 2003; Siliwal et al., 2011a); Nagapattinam (Sugumaran and Duraimurugan, 2019); Nilgiris (Siliwal et al., 2008; Siliwal et al., 2013); Ramanathapuram (Gravelly, 1915)

3.40.15 *Sahydroaraneus collinus* (Pocock, 1899)

- Salem (Pocock, 1899a; Siliwal et al., 2011a)

3.41 Family: Theridiidae

3.41.1 *Achaearanea durgae* Tikader, 1970

- Salem (Sangavi et al., 2023)

3.41.2 *Argyrodes argentatus* O. Pickard-Cambridge, 1880

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Salem (Sangavi et al., 2023); Thiruvallur (Caleb, 2020b)

3.41.3 *Argyrodes argyroides* (Walckenaer, 1837)

- Chennai (Sherriffs, 1927)

3.41.4 *Argyrodes fissifrons* O. Pickard-Cambridge, 1869

- Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020)

3.41.5 *Argyrodes flavescens* O. Pickard-Cambridge, 1880

- Salem (Sangavi et al., 2023)

3.41.6 *Argyrodes projeles* Tikader, 1970

- Theni (Karthikeyani, 2013)

3.41.7 *Ariamnes flagellum* (Doleschall, 1857)

- Coimbatore (Kapoor, 2008)

3.41.8 *Chikunia nigra* (O. Pickard-Cambridge, 1880)

- Coimbatore (Srikumar et al., 2018); Kanyakumari (Sen et al., 2022)

3.41.9 *Chryso angula* (Tikader, 1970)

- Coimbatore (Kapoor, 2008); Kanyakumari (Sen et al., 2022); Nilgiris (Dharmaraj et al., 2018); Salem (Sangavi et al., 2023)

3.41.10 *Chryso urbasae* (Tikader, 1970)

- Coimbatore (Kapoor, 2008); Nilgiris (Dharmaraj et al., 2018); Salem (Sugumaran et al., 2007)

3.41.11 *Coleosoma floridanum* Banks, 1900

- Salem (Sangavi et al., 2023)

3.41.12 *Euryopis episinoides* (Walckenaer, 1847)

- Salem (Sangavi et al., 2023)

3.41.13 *Latrodectus geometricus* C. L. Koch, 1841

- Coimbatore (Kadam and Rajkumar, 2020); Tiruppur (Gokul et al., 2022)

3.41.14 *Latrodectus hasselti* Thorell, 1870

- Coimbatore (Ganesh Kumar and Siliwal, 2005); Madurai (Roopha et al., 2021); Salem (Sugumaran et al., 2020); Thoothukudi (Sahayaraj and Parvathi, 2011); Tirunelveli (Sahayaraj and Parvathi, 2011)

3.41.15 *Meotipa argyrodiformis* (Yaginuma, 1952)

- Coimbatore (Srikumar et al., 2018); Nagapattinam (Sankari and Thiyagesan, 2010); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)

3.41.16 *Meotipa multuma* Murthappa, Malamel, Prajapati, Sebastian and Venkateshwarlu, 2017

- Chengalpattu (Caleb, 2020a)

3.41.17 *Meotipa picturata* Simon, 1895

- Nilgiris (Simon, 1895b; Kulkarni et al., 2017)

3.41.18 *Moneta grandis* Simon, 1905

- Nilgiris (Simon, 1905)

3.41.19 *Nihonhimea brookesiana* (Barrion and Litsinger, 1995)

- Coimbatore (Ganesh Kumar and Siliwal, 2007)

3.41.20 *Nihonhimea indica* (Tikader, 1977)

- Coimbatore (Sugumaran, 2001); Erode (Sugumaran, 2001); Nilgiris (Sugumaran, 2001); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)

3.41.21 *Nihonhimea mundula* (L. Koch, 1872)

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008); Nilgiris (Sherriffs, 1919); Salem (Sugumaran et al., 2007)

3.41.22 *Parasteatoda tepidariorum* (C. L. Koch, 1841)

- Chennai (Sherriffs, 1919); Nilgiris (Sherriffs, 1919)

3.41.23 *Phoroncidia maindroni* (Simon, 1905)

- Nilgiris (Simon, 1905)

3.41.24 *Phoroncidia septemaculeata* O. Pickard-Cambridge, 1873

- Kanchipuram (Nafin et al., 2019)

3.41.25 *Phylloneta impressa* (L. Koch, 1881)

- Salem (Sangavi et al., 2023)

3.41.26 *Rhomphaea projiciens* O. Pickard-Cambridge, 1896

- Chengalpattu (Caleb, 2020a)

3.41.27 *Steatoda rufoannulata* (Simon, 1899)

- Nilgiris (Simon, 1905)

3.41.28 *Theridion leucophaeum* Simon, 1905

- Chengalpattu (Sherriffs, 1927); Chennai (Sherriffs, 1927); Viluppuram (Simon, 1905; Prasad et al., 2019)

3.41.29 *Theridion maindroni* Simon, 1905

- Nilgiris (Simon, 1905; Prasad et al., 2019); Theni (Karthikeyani, 2013)

3.41.30 *Theridion manjithar* Tikader, 1970

- Nilgiris (Karthikeyani, 2013; Dharmaraj et al., 2018)

3.41.31 *Theridion melanostictum* O. Pickard-Cambridge, 1876

- Salem (Sangavi et al., 2023)

3.41.32 *Theridion nilgherinum* Simon, 1905

- Nilgiris (Simon, 1905; Prasad et al., 2019)

3.41.33 *Theridula gonygaster* (Simon, 1873)

- Salem (Sangavi et al., 2023)

3.41.34 *Thwaitesia* sp.

- Salem (Sangavi et al., 2023)

3.41.35 *Tomoxena dives* Simon, 1895

- Tiruchirappalli (Simon, 1895b)

3.42 Family: Thomisidae

3.42.1 *Amyciaea forticeps* (O. Pickard- Cambridge, 1873)

- Coimbatore (Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022); Salem (Sangavi et al., 2023)

3.42.2 *Angaeus pentagonalis* Pocock, 1901

- Nilgiris (Pocock, 1901)

3.42.3 *Bomis calcuttaensis* Biswas and Mazumder, 1981

- Kanyakumari (Sen et al., 2022)

3.42.4 *Bomis khajurjai* Tikader, 1980

- Chengalpattu (Caleb, 2020a)

3.42.5 *Camaricus formosus* Thorell, 1887

- Kanyakumari (Sen et al., 2022); Theni (Karthikeyani, 2013)

3.42.6 *Diaea pougneti* Simon, 1885

- Coimbatore (Simon, 1885a)

3.42.7 *Dietopsa castaneifrons* (Simon, 1895)

- Dindigul (Simon, 1895c)

3.42.8 *Dietopsa parnassia* (Simon, 1895)

- Nilgiris (Simon, 1906a)

3.42.9 *Epidius parvati* Benjamin, 2000

- Kanyakumari (Sen et al., 2022)

3.42.10 *Henriksenia hilaris* (Thorell, 1877)

- Chengalpattu (Caleb, 2020a); Viluppuram (Simon, 1906a)

3.42.11 *Heriaeus chareshi* Sen and Sureshan, 2022

- Kanyakumari (Sen and Sureshan, 2022; Sen et al., 2022)

3.42.12 *Holopelus malati* Simon, 1895

- Tiruchirappalli (Simon, 1895c)

3.42.13 *Indoxysticus minutus* (Tikader, 1960)

- Chengalpattu (Caleb, 2020a); Coimbatore (Kadam and Rajkumar, 2020); Kanyakumari (Sen et al., 2022); Salem (Sangavi et al., 2023); Theni (Karthikeyani, 2013)

3.42.14 *Lycopus trabeatus* Simon, 1895

- Dindigul (Simon, 1895c); Madurai (Simon, 1895c); Nilgiris (Simon, 1906a); Tiruchirappalli (Simon, 1895c)

3.42.15 *Lysiteles catulus* Simon, 1895

- Dindigul (Simon, 1895c; Sherriffs, 1929); Madurai (Sherriffs, 1929); Tiruchirappalli (Simon, 1895c); Viluppuram (Sherriffs, 1929)

3.42.16 *Oxytate chlorion* (Simon, 1906)

- Madurai (Sherriffs, 1929); Nilgiris (Simon, 1906a; Sherriffs, 1929)

3.42.17 *Oxytate virens* (Thorell, 1891)

- Coimbatore (Srikumar et al., 2018; Kadam and Rajkumar, 2020); Nagapattinam (Sugumaran and Duraimurugan, 2019); Salem (Karthikeyani et al., 2017a)

3.42.18 *Ozyptila theobaldi* Simon, 1885

- Coimbatore (Simon, 1885a); Viluppuram (Simon, 1906a)

3.42.19 *Pagida salticiformis* (O. Pickard-Cambridge, 1883)

- Chengalpattu (Caleb, 2020a)

3.42.20 *Runcinia escheri* Reimoser, 1934

- Kanyakumari (Tikader, 1971); Nilgiris (Reimoser, 1934; Tikader, 1980)

3.42.21 *Runcinia insecta* (L. Koch, 1875)

- Chengalpattu (Caleb, 2020a); Coimbatore (Ganesh Kumar and Velusamy, 1996); Salem (Sangavi et al., 2023)

3.42.22 *Runcinia roonwali* Tikader, 1965

- Salem (Sangavi et al., 2023)

3.42.23 *Strigoplus netravati* Tikader, 1963

- Kanyakumari (Sen et al., 2022)

3.42.24 *Synema decoratum* Tikader, 1960

- Chengalpattu (Caleb, 2020a)

3.42.25 *Talaus opportunus* (O. Pickard-Cambridge, 1873)

- Nilgiris (Simon, 1906a)

3.42.26 *Thomisus andamanensis* Tikader 1980

- Kanyakumari (Sen et al., 2022)

3.42.27 *Thomisus beautifularis* Basu, 1965

- Coimbatore (Ganesh Kumar and Velusamy, 1996); Erode (Sugumaran, 2001); Nilgiris (Sugumaran, 2001); Salem (Sugumaran et al., 2007; Sangavi et al., 2023); Tirunelveli (Sugumaran, 2001); Virudhunagar (Sugumaran, 2001)

3.42.28 *Thomisus granulifrons* Simon, 1906

- Viluppuram (Simon, 1906a)

3.42.29 *Thomisus laglaizei* Simon, 1877

- Chennai (Sherriffs, 1929)

3.42.30 *Thomisus leucaspis* Simon, 1906

- Dindigul (Simon, 1906a); Madurai (Simon, 1906a); Nilgiris (Karthikeyani et al., 2017a); Viluppuram (Simon,

1906a)

3.42.31 *Thomisus lobosus* Tikader, 1965

- Coimbatore (Kadam and Rajkumar, 2020; Devika et al., 2022); Dindigul (Karthikeyani et al., 2017a); Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Theni (Karthikeyani, 2013); Thiruvarur (Raja et al., 2023)

3.42.31 *Thomisus projectus* Tikader, 1960

- Kanyakumari (Sen et al., 2022)

3.42.32 *Thomisus pugilis* Stoliczka, 1869

- Chengalpattu (Caleb, 2020a); Chennai (Sherriffs, 1929); Coimbatore (Ganesh Kumar and Velusamy, 1996); Mayiladuthurai (Sankari et al., 2014); Nagapattinam (Sankari et al., 2016); Namakkal (Gupta et al., 2021); Salem (Gupta et al., 2021); Tiruppur (Gokul et al., 2022)

3.42.33 *Thomisus rigoratus* Simon, 1906

- Coimbatore (Dharmaraj et al., 2020a); Madurai (Simon, 1906a); Nilgiris (Simon, 1906a; Sherriffs, 1929); Viluppuram (Simon, 1906a)

3.42.34 *Thomisus spectabilis* (Doleschall, 1859)

- Nilgiris (Reimoser, 1934)

3.42.35 *Thomisus telanganaensis* Pravalikha and Srinivasulu, 2015

- Kanyakumari (Sen et al., 2022)

3.42.36 *Tmarus fasciolatus* Simon, 1906

- Nilgiris (Simon, 1906a; Sherriffs, 1929); Viluppuram (Simon, 1906a; Sherriffs, 1929)

3.42.37 *Tmarus kotigeharus* Tikader, 1963

- Kanyakumari (Sen et al., 2022)

3.42.38 *Tmarus soricinus* Simon, 1906

- Nilgiris (Simon, 1906a; Sherriffs, 1929)

3.42.39 *Xysticus* sp.

- Salem (Sangavi et al., 2023)

3.43 Family: Titanoecidae

3.43.1 *Anuvinda escheri* (Reimoser, 1934)

- Nilgiris (Reimoser, 1934)

3.43.2 *Pandava ganेशa* Almeida-Silva et al., 2010

- Chennai (Almeida-Silva et al., 2010)

3.44 Family: Trachelidae

3.44.1 *Trachelas oreophilus* Simon, 1906

- Viluppuram (Simon, 1906a; Majumder and Tikader, 1991)

3.44.2 *Utivarachna fronto* (Simon, 1906)

- Nilgiris (Simon, 1906a); Tiruchirappalli (Simon, 1906a; Majumder and Tikader, 1991)

3.45 Family: Uloboridae

3.45.1 *Philoponella hilaris* (Simon, 1906)

- Dindigul (Sherriffs, 1928); Madurai (Simon, 1906b); Nilgiris (Simon, 1906b); Tiruchirappalli (Sherriffs, 1928)

3.45.2 *Philoponella* sp.

- Salem (Sangavi et al., 2023)

3.45.3 *Uloborus bigibbosus* Simon, 1905

- Chennai (Sherriffs, 1927); Thoothukudi (Kumar et al., 2013)

3.45.4 *Uloborus danolius* Tikader, 1969

- Dindigul (Umarani and Umamaheswari, 2013); Salem (Sangavi et al., 2023); Ramanathapuram (Siliwal et al., 2008)

3.45.5 *Uloborus jabalpurensis* Bhandari and Gajbe, 2001

- Theni (Karthikeyani, 2013)

3.45.6 *Uloborus krishnae* Tikader, 1970

- Salem (Sangavi et al., 2023); Thanjavur (Raja et al., 2023); Thiruvarur (Raja et al., 2023)

3.45.7 *Zosis geniculata* (Olivier, 1789)

- Chengalpattu (Sherriffs, 1927); Chennai (Sherriffs, 1919); Coimbatore (Kapoor, 2008; Kadam and Rajkumar, 2020); Nilgiris (Sherriffs, 1919); Salem (Sugumaran et al., 2007); Thiruvallur (Sherriffs, 1919)

3.46 Family: **Zodariidae**

3.46.1 *Asceua cingulata* (Simon, 1905)

- Chennai (Sankaran, 2023); Salem (Sangavi et al., 2023)

3.46.2 *Capheris escheri* Reimoser, 1934

- Dindigul (Reimoser, 1934)

3.46.3 *Capheris nitidiceps* Simon, 1905

- Nilgiris (Simon, 1905)

3.46.4 *Cryptothele collina* Pocock, 1901

- Chennai (Karthikeyani et al., 2017a); Nilgiris (Pocock, 1901)

3.46.5 *Hermippus cruciatus* Simon, 1905

- Viluppuram (Simon, 1905)

3.46.6 *Mallinella nilgherina* (Simon, 1906)

- Nilgiris (Simon, 1906a; Dankittipakul et al., 2012b); Salem (Sangavi et al., 2023)

3.46.7 *Mallinella redimita* (Simon, 1905)

- Viluppuram (Simon, 1905)

3.46.8 *Suffasia tigrina* (Simon, 1893)

- Dindigul (Simon, 1905; Jocqué, 1991); Tiruchirappalli (Jocqué, 1991); Nilgiris (Simon, 1905)

3.46.9 *Tropizodium poonaense* (Tikader, 1981)

- Salem (Sangavi et al., 2023)

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