CHECKLIST OF THE SPIDER FAUNA OF BANGLADESH
(ARANEAE : ARACHNIDA)

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Abstract: Spiders are one of the important predatory arthropods that comprise
the largest order Araneae of the class Arachnida. In Bangladesh, very few
contributions are available on the taxonomic study on these arachnids. The
present paper contains an updated checklist of the spider fauna of Bangladesh
based on the published records of different workers and the identified collections
of the recent studies by the author. It includes a total of 334 species of spiders
belong to the infraorders Mygalomorphae and Araneomorphae under 21 families
and 100 genera. A brief diagnosis of different families and their domination
together with the distribution throughout the country are provided herewith.

Key words: Checklist, spiders, Araneae, Arachnida, Bangladesh

INTRODUCTION

Bangladesh is basically a riverine agricultural country. It lies between
20.35°N and 26.75°N latitude and 88.03°E and 92.75°E longitude, covering an
area of 1,47,570 sq. km (55,126 sq. miles). The country as such offers varied
climatic situations viz., temperature, rainfall, humidity, fogmist, dew and Haor-frost, winds etc. (Rashid 1977). With the vast agricultural lands, also there are
different kinds of evergreen, deciduous and mangrove forests staying different
areas of the country viz., the southern Sunderbans, northern Bhawal and
Madhupur forests and eastern Chittagong and Chittagong Hill-Tracts forest.
Along with the agricultural lands, each of the forest ecosystems is composed of
numerous species of spider fauna of the country.

Spiders are one of the dominating arthropods distributed throughout the
country specially in the garden, forests and agricultural fields. They comprise
the order Araneae of the class Arachnida under the phylum Arthropoda. All the
members of spiders are predatory in behaviour and thus play an important role
in the biological control of pest insects in the crop-fields and gardens. But
systematic studies of these arachnids in Bangladesh are very scarce. This is
because from the early times, this group of animals were neglected to the eyes of
taxonomists and so that kept away their studies.

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Spider study in Bangladesh: Scientific study on the spider fauna of this sub-continent was initiated by Stoliczka (1869) during undivided British India and till date, very poor number of works are found on this arthropods. Although, several workers of Indian sub-continent showed distribution of some species to Bangladesh (the then East Pakistan) in their study.

Contributors on Bangladeshi spiders are very few and the most citeable workers are:

Pocock (1899-1901), Gravely (1921,1922, 1924, 1931), Thorell (1895), Narayan (1915), Dyal (1935), Catling (1980), Tikader (1970, 1971a,b, 1973a,b; 1974a,b, 1975a,b,c, 1976a,b, 1977a,b,c,d,e, 1980a,b,c, 1981, 1982, 1987), Tikader and Malhotra (1980), Tikader and Gajbe (1982), Tikader and Bal (1980, 1981), Tikader and Biswas (1981), Majumder and Tikader (1991), Majumder (2004a,b, 2005, 2007), Gajbe (1988, 1992a,b, 1999, 2005a,b,c,d,, 2007, 2008a,b,c), Gajbe and Gajbe (1999 a,b,c,de,f,g,h,i,j, 2000a,b,c,d,e, 2003a,b, 2004a,b,c,d) etc. who showed the distribution of different species in Bangladesh.

Systematic work on Bangladeshi spiders were carried out at first by Chowdhury and Nagari (1981), Chowdhury and Pal (1984), Kamal et al. (1992), Okuma et al. (1993), Biswas (1990, 1995, 1999, 2009, 2016a,b, 2017), Biswas et al. (1993, 1995), Begum and Biswas (1997), Biswas and Begum (1999), Biswas and Majumder (1996) and Biswas and Raychaudhuri (1995,1997a,b,c,d, 1998, 2000, 2003a,b,c,d, 2005, 2007, 2012, 2013a,b,c, 2014, 2015a,b, 2016, 2017a,b,c,d).

Chowdhury and Nagari (1981) and Chowdhury and Pal (1984) carried out systematic works on the rice-field spiders of Chittagong. Their studies include 43 species belonging to 30 genera and 11 families.

Okuma et al. (1993) made a faunistic survey on the rice-field spiders of Gazipur district and related areas of Bangladesh. They published a monograph on these spiders that include 55 species belonging to 36 genera under 10 families. This work is still considered as the first monographic work on the spider fauna of the country.

Begum and Biswas (1997) prepared a checklist on the spider fauna of Barisal division. This list focuses the distribution of spiders of southern part of the country. Biswas (1990-2017) contributed series of taxonomic studies on the spider fauna of Bangladesh. His studies include many new descriptions based on the collections of spiders from different localities of Bangladesh. These descriptions include 386 species under 100 genera and 21 families. Biswas (2009) included majority of his descriptions in the Encyclopedia of Flora and Fauna of Bangladesh. This voluminous work contains coloured illustrated description and distribution of the species.
Biswas (1989 - 2019) and Biswas and Raychaudhuri (1994 - 2018) carried out a series of systematic studies on the spider fauna of Bangladesh. Their studies include detailed illustrated taxonomic description, distribution and key to the family, genera and species.

The present paper is an updated checklist - 2019 made on the compilation of all the contributions carried out on the spider fauna of Bangladesh by different authors in different times. It shows the species density of spiders in different regions of the country. From this checklist, it is found that of the 21 reported families, 87 species belong to the family Araneidae, 13 species to Clubionidae, 5 species Corinidae, 9 species Gnaphosidae, 2 species Hersiliidae, 1 species Homalonychidae, 2 species Linyphiidae, 33 species Lycosidae, 4 species Nephilidae, 1 species Oonopidae, 22 species Oxyopidae, 1 species Philodromidae, 3 species Pholcidae, 1 species Pisauridae, 122 species Salticidae, 1 species Scytodidae, 7 species Sparassidae, 23 species Tetragnathidae, 16 species Theridiidae, 28 species Thomisidae and 5 species of the family Uloboridae are now existing in the fauna of Bangladesh.

From the checklist it is also found that among all the 21 recorded families, members of the family Araneidae are maximum in number following Salticidae, Lycosidae, Thomisidae, Tetragnathidae etc. (Table 1). Of the species, 87 (family Araneidae) are maximum in number following 72 (Salticidae), 34 (Lycosidae), 28 (Thomisidae), 23 (Tetragnathidae) and so on. All the families, genera and species are arranged systematically and shown serially one after another in this paper.

MATERIAL AND METHODS

The present checklist is prepared on the basis mainly of the reviews of published literatures, several recent catalogues on spiders (Platnick 2012, World Spider Catalog, version 19.5, 2019, Proszynski 1990, Mikhailov 1997, Logunov and Marusik 2000), Checklists and Monographs (Biswas et al. 1993, Okuma et al. 1993, Begum and Biswas 1997, Sadana and Molour 1997, Keswani et al. 2012), Fauna volumes (Pocock 1900, Tikader 1980, 2082, Chen and Zhang 1991, Kim and Lee 2012, Gajbe 2006, Majumder and Tikader 1991, Zhu et al. 2003, Yin et al. 1997, Song et al. 1999, Zhu 1998, Zhu et al. 2003, Barrion and Litsinger 1995, Biswas 2009 ). recent spider books (Tikader 1987 Koh 1989, Yaginuma 1986, Zhao 1993, Roberts 1995, Saha and Raychaudhuri, 2003, 2004, 2007a,b,c,d, Benjamin 2016, Sebastian and Peter 2009) and many papers published in national and international journals and computer databases (e.g. Proszynski's Catalogue of jumping spiders of the world). Beside these, there are some identified species those are not included in this list as these are not published as yet. All those are at present in the collection of the
Department of Zoology, Khulna Govt. Womens' College, Khulna, Bangladesh and will include in future revision of the checklist. These specimens after description will be deposited to the Museum of the Department of Zoology, University of Dhaka, Dhaka-1000, Bangladesh in due course of time.

The present checklist is made in a taxonomic order of classification of spiders viz., Infra-order, family, genera and species. For each of the families, of this checklist, the information are given in the following sequence-name of the species, author, year, sex and possibly distribution. As a first preparation, there may be some lacking of information from the old literatures. So, in those cases no distribution and other information were cited. It will be completed in future.

Considering the study of the students and researchers of the future generation in the field of arachnology in Bangladesh, a brief diagnosis for each of the families are given along with the list of genera and species. Therefore, the present checklist may be a taxonomic tool in the history of the study of arachnids (spiders) of s Bangladesh.

**RESULTS**

**Taxonomy**

Phylum: Arthropoda Latreille, 1829  
Class: Arachnida Lamarck, 1815  
Order: Araneae Clerck, 1757

**Diversity of spider fauna of Bangladesh**

Spiders are one of the important predatory arthropods that are distributed all over the world. In Bangladesh, there is no previous lists available on these arachnids. Some of the recent checklists and such other publications of neighbouring countries like India (Silwal et al. 2005, Silwal and Molour 2007, Keswani et al. 2012, Roy et al. 2016), China (Chen and Zhang 1991, Song et al. 1999, Yin et al. 1997, Zhu et al. 2003), Japan (Yaginuma 1986, Tanikawa 1992a,b, 1994, 2007), Singapore (Koh 1989), Korea (Namkung 1989, 2002, Kim et al. 1987, Paik 1978, 1986, 1987, 1989, 1990) etc. all of which show distribution of some species to Bangladesh. But some scattered faunal works are there in this country those combinelly focused the faunal strength of spiders of Bangladesh (Chowdhury and Nagari 1981, Chowdhury and Paul 1984, Biswas et al. 1993, Okuma et al. 1993, Kamal et al. 1992, Begum and Biswas 1997, Biswas 1995, 2009). The present paper represents a systematic list of 334 species of spiders belonging to 100 genera and 21 different families. Among all
the recorded families, members of the family Araneidae are maximum in number following Salticidae, Lycosidae, Thomisidae, Tetragnathidae n (Table 1).

Table 1. List of spider families, genera and species distributed in Bangladesh

| Sl. No. | Name of the family | No. of genera | No. of species | Distribution in Bangladesh | Distribution of S. Asia | World distribution |
|---------|--------------------|---------------|----------------|----------------------------|------------------------|--------------------|
| 1       | Araneidae          | 17            | 87             | +                          | +                      | +                  |
| 2       | Clubionidae        | 02            | 13             | +                          | +                      | +                  |
| 3       | Corinidae          | 03            | 05             | +                          | +                      | +                  |
| 4       | Gnaphosidae        | 06            | 09             | +                          | +                      | +                  |
| 5       | Hersiliidae        | 01            | 02             | +                          | +                      | -                  |
| 6       | Homalinichidae     | 01            | 01             | +                          | +                      | -                  |
| 7       | Lunyphidae         | 01            | 02             | +                          | +                      | +                  |
| 8       | Lycosidae          | 05            | 34             | +                          | +                      | +                  |
| 9       | Naphilidae         | 02            | 04             | +                          | +                      | -                  |
| 10      | Oonopidae          | 01            | 01             | +                          | +                      | +                  |
| 11      | Oxyopidae          | 02            | 22             | +                          | +                      | +                  |
| 12      | Philodromidae      | 01            | 01             | +                          | +                      | +                  |
| 13      | Pholcidae          | 03            | 03             | +                          | +                      | -                  |
| 14      | Pisauridae         | 01            | 01             | +                          | +                      | +                  |
| 15      | Salticidae         | 21            | 72             | +                          | +                      | +                  |
| 16      | Scytodididae       | 01            | 01             | +                          | +                      | -                  |
| 17      | Sparassidae        | 03            | 07             | +                          | +                      | -                  |
| 18      | Tetragnathidae     | 06            | 23             | +                          | +                      | +                  |
| 19      | Theridiidae        | 06            | 13             | +                          | +                      | +                  |
| 20      | Thomisidae         | 14            | 28             | +                          | +                      | +                  |
| 21      | Uloboridae         | 03            | 05             | +                          | +                      | +                  |
| Total   |                    | 100           | 334            |                            |                        |                    |

Out of 334 species, 137 are orb-weavers and these belong to the families - Araneidae, Nephilidae, Tetragnathidae, Pholcidae, Theridiidae and Uloboridae, 94 species are jumping in habit (Salticidae & Oxyopidae), 43 species are ground dwellers (Lycosidae, Sparassidae, Hersiliidae etc.) and 18 species are nocturnals (Clubionidae and Corinidae) and live in leaf-sacs, loose barks, nests etc. at night. However, all these species are predatory in behaviour and consume numerous pest insects in the crop-fields, gardens and forests and thus help in insect pest management in the field of agriculture in Bangladesh.

Checklist of spiders of Bangladesh 2019

The world fauna of spiders include the order Araneae. It is divided into two sub-orders-1. Orthognatha and 2. Labidognatha or Araneomorphiae. The
spider fauna of Bangladesh represents only the sub-order ‘Labidognatha’ or ‘Araneomorphiae’ with 21 families, 100 genera and 334 species, distributed throughout the country. A systematic updated checklist of these spiders together with a brief diagnosis of the families are given below:

| Family | I. | Araneidae Latreille, 1806 |
|        | II. | Clubionidae Wagner, 1887 |
|        | III. | Corinidae Karsch, 1880 |
|        | IV. | Gnaphosidae Pocock, 1898 |
|        | V. | Hersiliidae Thorell, 1870 |
|        | VI. | Homalonychidae Simon, 1893 |
|        | VII. | Linyphiidae Blackwall, 1859 |
|        | VIII. | Lycosidae Sundevall, 1833 |
|        | IX. | Nephilidae Simon, 1894 |
|        | X. | Oonopidae Simon, 1890 |
|        | XI. | Oxyopidae Thorell, 1870 |
|        | XII. | Philodromidae O.P. Cambridge, 1871 |
|        | XIII. | Pholcidae C.L. Koch, 1850 |
|        | XIV. | Pisauridae Simon, 1890 |
|        | XV. | Salticidae Blackwall, 1841 |
|        | XVI. | Scytodidae Blackwall, 1864 |
|        | XVII. | Sparassidae Thorell, 1873 |
|        | XVIII. | Tetragnathidae Menge, 1866 |
|        | XIX. | Theridiidae Sundevall, 1833 |
|        | XX. | Thomisidae Sundevall, 1833 |
|        | XXI. | Uloboridae O.P. Cambridge, 1871 |

**Family I. **ARANEIDAE Latreille, 1806  
(True orb-weavers)

**Diagnosis:** Body small to medium, brightly coloured. Chelicerae strong, 6–8 teeth. Abdomen oval or rounded, colulus present. Male palp with fused cymbium and paracymbium. Eyes homogeneous, 8 in numbers, arranged in 2 rows. Abdomen variable in size and decoration, sexual dimorphism present. Male usually not found or very few in nature as female. Legs long and slender, with 3-tarsal claws.

Almost all the species are orb-weavers and spin typical geometric webs in nature. Largest family of the world with number of species (about 4000) are described (World Spider Catalog 2019).
In Bangladesh, family Araneidae composed of 87 species belonging to 17 genera and these are:

Genus - A. *Acusilus* Simon, 1895  
B. *Arabeys* Simon, 1895  
C. *Araneus* Clerck, 1757  
D. *Argiope* Audouin, 1826  
E. *Cyclosa* Menge, 1866  
F. *Cyrtarachne*, Thorell, 1868  
G. *Cyrtophora*, Simon, 1864  
H. *Eriovixia* Archer, 1951  
I. *Gasteracantha* Sundevall, 1833  
J. *Gea* C.L. Koch, 1843  
K. *Hyposinga* Ausserer, 1871  
L. *Larinia* Simon, 1874  
M. *Neoscona* Simon, 1864  
N. *Parawixia* F.O.P. Cambodge, 1904  
O. *Poltys* C.L. Koch, 1843  
P. *Singa* C.L. Koch, 1836  
Q. *Zygeilla* F.O.P. Cambridge, 1902

A. **Genus**: *Acusilus* Simon, 1895  
Species- 1. *A. cocciineus* Simon, 1895

B. **Genus**: *Arabeys*  
Species- 1. *A. nutfuca* (Thorell)

C. **Genus**: *Araneus* Clerck, 1757  
Species- 1. *A. bilunifer* Pocock, 1900  
2. *A. ellipticus* Tikader & Bal, 1981  
3. *A. inustus* L. Koch, 1871  
4. *A. mitifica* Simon, 1886  
5. *A. nympha* Simon, 1889  
6. *A. rumiae* Biswas & Raychaudhuri, 2013

D. **Genus**: *Argiope* Audouin, 1826  
Species- 1. *A. aemula* Walckenaer, 1841  
2. *A. arcuata* Simon, 1884  
3. *A. caterulata* Doleschall, 1859  
4. *A. luzona* Walckenaear, 1841  
5. *A. minuta* Karsch, 1879  
6. *A. pulchella* Thorell, 1881  
7. *A. reticulata* Biswas & Raychaudhuri, 2017
8. *A. sapoa* Barrion & Litsinger, 1995  
9. *A. shillongensis* Sinha, 1951  
10. *A. sumanae* Biswas & Raychaudhuri, 2017

**E. Genus: Cyclosa Menge, 1866**  
Species- 1. *C. baakea* Barrion & Litsinger, 1995  
2. *C. bifida* Doleschall, 1859  
3. *C. bituberculata* Biswas & Raychaudhuri, 1998  
4. *C. confraga* Thorell, 1892  
5. *C. elongata* Biswas & Raychaudhuri, 1998  
6. *C. fissicauda* Simon, 1889  
7. *C. hexatuberculata* Tikader, 1982  
8. *C. insulana* Costa, 1834  
9. *C. mulmetinensis* Thorell, 1887  
10. *C. neileinensis* Tikader, 1977  
11. *C. parangtaugoa* Barrion & Litsinger, 1995  
12. *C. spirifera* Simon, 1889  
13. *C. tropica* Biswas & Raychaudhuri, 1998  
14. *C. yaginumai* Biswas & Raychaudhuri, 1998

**F. Genus: Cyrtarachne Thorell, 1868**  
Species- 1. *C. biswajiti* Biswas & Raychaudhuri, 2017  
2. *C. kaikobadi* Biswas & Raychaudhuri, 2017  
3. *C. ovata* Biswas & Raychaudhuri, 2017  
4. *C. sundari* Tikader, 1963

**G. Genus: Cyrtophora Simon, 1864**  
Species- 1. *C. bidentate* Tikader, 1970  
2. *C. cicatrosa* Stoliczka, 1869  
3. *C. feae* Thorell, 1887  
4. *C. lahirii* Biswas & Raychaudhuri, 2004  
5. *C. nareshi* Biswas & Raychaudhuri, 2004  
6. *C. unicolor* Doleschall, 1857

**H. Genus: Eriovixia Archer, 1951**  
Species- 1. *E. Laglaizei* Simon, 1877  
2. *E. nocturnalis* Biswas & Raychaudhuri, 2017

**I. Genus: Gasteracantha Sundevall, 1833**  
Species- 1. *G. arcuata* Fabricius, 1793  
2. *G. Choudhuryi* Biswas & Raychaudhuri, 2017  
3. *G. diadesmia* Thorell, 1887  
4. *G. hasselti* C. L. Koch, 1838
5. G. Kuhlii C. L. Koch, 1838
6. G. mammosa C. L. Koch, 1845

J. Genus: Gea C. L. Koch, 1843
Species- 1. G. subarmata Thorell, 1890
2. G. zaragosa Barrion & Litsinger, 1995

K. Genus: Hyposinga Ausserer, 1871
Species- 1. H. pygmaea Sundevall, 1831

L. Genus: Larinia Simon, 1874
Species- 1. L. chloris Audouin, 1825
2. L. justiformis Thorell, 1895
3. L. modhuchhandae Biswas & Raychandhuri, 2012
4. L. phthisica L. Koch, 1871

M. Genus: Neoscona Simon, 1864
Species- 1. N. bengalensis Tikader & Bal, 1981
2. N. brownius Biswas, 2007
3. N. chrysanthus Tikader & Bal, 1981
4. N. dorsonigra Biswas, 2007
5. N. dostinikea Barrion & Litsinger, 1995
6. N. elliptica Tikader & Bal, 1981
7. N. govidai Biswas & Raychandhuri, 2012
8. N. kabiri Biswas & Raychandhuri, 2012
9. N. laglaizei Simon, 1877
10. N. molemensis Tikader & Bal, 1981
11. N. mukerjiei Tikader, 1980
12. N. nashidae Biswas & Raychandhuri, 2012
13. N. nautica L. Koch, 1875
14. N. oriemindoroana Barrion & Litsinger, 1995
15. N. ovata Biswas, 2007
16. N. pavida Simon, 1909
17. N. rahamani Biswas & Raychandhuri, 2012
18. N. rumpfi Thorell, 1887
19. N. somae Biswas, 2007
20. N. theis Walcknaer
21. N. yptinika Barrion & Litsinger, 1995

N. Genus: Parawixia F.O.P. Cambridge, 1904
Species-1. P. dehaantii Doleschall, 1859
O. Genus: Poltys C.L. Koch, 1843
Species- 1. P. illepidus C.L. Koch, 1843
2. P. nagpurensis Tikader, 1982
3. P. pannuceus Thorell, 1895

P. Genus: Singa C. L. Koch, 1836
Species- 1. S. chota Tikader, 1970
2. S. haddoensis Tikader, 1977

Q. Genus: Zygeilla F.O.P. Cambridge, 1902
Species- 1. Z. indica Tikader & Bal, 1980
2. Z. melanocrania Thorell, 1887
3. Z. munuriae Biswas, 2007

Family – II. CLUBIONIDAE Wagnaer, 1887
(Sac-spiders)

Diagnosis: Clubionids or `sac-spiders` are predators in the field and forests. They are 2-clawed and found on foliages or on ground where they make tubular retreat or nests by rolled leaves. Some members inhabit under stones, litters etc. Chelicerae strong, narrow and legs slender. Some species of the genus Cheiracanthium are venomous to humans.

They are very common and widespread throughout the world. About 3000 species are described in the world fauna (Biswas 2009, 2016a,b,c, 2017a,b).

In Bangladesh, family Clubionidae includes a total of 13 species under 2 genera. These are as follows:

Genus  A. Cheiracanthium C. L. Koch, 1839
B. Clubiona Latreille, 1804

A. Genus: Cheiracanthium C. L. Koch, 1839
Species- 1. C. liplikeum Barrion & Litsinger, 1995
2. C. melanostoma Thorell , 1895
3. C. mysorensis Majumder & Tikader, 1991
4. C. sikkimensis Majumder & Tikader, 1991
5. C. tagorei Biswas & Raychaudhuri, 2003

B. Genus: Clubiona Latreille, 1804
Species- 1. C. analis Thorell, 1895
2. C. anuvarae Biswas & Raychaudhuri, 1994
3. C. bagerhatensis Biswas & Raychaudhuri, 1994
4. C. drassodes O.P. Cambridge, 1874
5. C. filicata O.P. Cambridge, 1874
6. *C. japonica* Boesenberg & Strand, 1906  
7. *C. ludhianaensis* Tikader, 1976  
8. *C. mujibari* Biswas & Raychaudhuri, 1994

**Family – III. CORINNIDAE Karsch, 1880**  
(Corinids)

**Diagnosis:** These are corinnid sac-spiders. They are nearly similar to those of Clubionidae. Body small, dull coloured, nocturnal in habit. Have 8 eyes arranged in two rows. Anterior spinnerets conical. They build silken retreat or sacs on plant leaves in the garden and crop-fields.

These spiders are world wide in distribution and contains 67 genera and 729 species (World Spider Catalog 2019). Some members mimics ants (e.g. *Castianeira* sp.).

In Bangladesh, the family Corinnidae consists of 3 genera and 5 species only and these are -

**Genus**  
A. *Castianeira* Keyserling, 1879  
B. *Sphingius* Thorell, 1890  
C. *Trachelas* L. Koch, 1866

**A. Genus: Castianeira Keyserling, 1879**
Species- 1. *C. nigricephalis* Biswas, 2009  
2. *C. zetes* Simon, 1897  
3. *Castianeira* sp.

**B. Genus: Sphingius Thorell, 1890**
Species- 1. *S. barcudaensis* Gravely, 1931

**C. Genus: Trachelas L. Koch, 1866**
Species- 1. *T. devi* Biswas & Raychaudhuri, 2000

**Family - IV. GNAPHOSIDAE Pocock, 1898**  
(Oval-eyed spiders)

**Diagnosis:** Body small to large, dark, light coloured. Eyes heterogeneous, arranged in two rows. Chelicerae with boss and scopula; fang furrow with a few teeth. Cephalothorax broad, attenuated in front, with fovea. Anteromedian eyes are darker than the rest. Abdomen usually long and narrow. Labium longer than broad. Legs rather long and bear spines; tarsi with two claws.

They are living under stones, leaves or roots of grasses. They spin a tubular retreat under stones or rolled leaves. These spiders are nocturnal in habit.

In Bangladesh, this family contains 6 genera and 9 species distributed all over the country and these are:
Genus  A. *Drassodes* Westring, 1851
   B. *Haplodrassus* Chamberlin, 1922
   C. *Poecilochroa* Westring, 1874
   D. *Sergiolus* Simon, 1891
   E. *Gnaphosa* Latreille, 1804
   F. *Phaeocedus* Simon, 1893

A. Genus: *Drassodes* Westring, 1851
Species-  1. *D. malodes* Tikader, 1962
        2. *D. meghalayaensis* Tikader & Gajbe, 1977
        3. *D. oppenheimeri* Tikader, 1973

B. Genus: *Haplodrassus* Chamberlin, 1922
Species-  1. *H. dumdumensis* Tikader, 1982

C. Genus: *Poecilochroa* Westring, 1874
Species-  1. *P. barman* Tikader, 1982
        2. *P. parangunifascigera* Barrion & Litsinger, 1995

D. Genus: *Sergiolus* Simon, 1891
Species-  1. *S. meghalayaensis* Tikader & Gajbe, 1976

E. Genus: *Gnaphosa* Latreille, 1804
Species-  1. *G. poonaensis* Tikader, 1973

F. Genus: *Phaeocedus* Simon, 1893
Species-  1. *P. poonaensis* Tikader, 1982

Family - V. HERSILIIDAE Thorell, 1870
(Long-tailed spiders)

Diagnosis: Body brown, flat, bark-like. Legs long, third pair shorter. Last portion of abdomen with 2 long tails. The tails are long spinnerets which lay silk to trap the prey. So, hersilids are called ‘two-tailed spiders’. Body small, 10-18 mm long and heavily camouflaged.

These are found in the tropical and sub-tropical regions. About 150 species are described in the world fauna.

The family Hersiliidae in Bangladesh contains two species under one genus and these are:

A. Genus: *Hersilia* Audouin, 1826
Species-  1. *H. clathrata* Thorell, 1895
        2. *H. savignyi* Lucas, 1836
Family - VI. HOMALONYCHIDAE Simon, 1893

**Diagnosis:** Body small in size, smooth, elongate. Without tarsal claws and completely lacking denticles. Tarsi provided with a brush of terminal tenant hairs (claw tufts) and a pair of spurious claws. The chelicerae lack of teeth on the margins. Eyes are eight in number and are placed in two rows of which posterior row is strongly recurved.

This is a small family with only one genus and 3 species are described in the world. In Bangladesh, only one genus *Homalonychus* and one species is present.

**A. Genus:** *Homalonychus* Marx, 1891

Species- 1. *Homalonychas* sp.

Family - VII. LINYPHIIDAE Blackwall, 1859

(Lynyphids)

**Diagnosis:** Body brown, long or oval, small to medium and about 4-6 mm in length. Chelicerae with many teeth. Legs with strong setae. Colulus present on abdomen. Large family with a few in the Indian sub-continent.

Majority of this spiders are distributed to the temperate countries. About 4000 species are described in the world fauna.

In Bangladesh, this family contains only 1 genus and 2 species. These are:

**A. Genus:** *Erigone* Audouin, 1826

Species- 1. *E. bifurca* Locket, 1982

2. *E. malvari* Barrion & Litsinger, 1995

Family - VIII. LYCOSIDAE Sundevall, 1833

(Wolf-spiders)

**Diagnosis:** Body small to medium. Carapace narrow in front and high. Eyes in 3 rows: erior row with 4 eyes of which median 2 larger and posterior 2 medium sized. Maxillae and labium short. Legs short and strong, usually spiny, tarsi with 3 claws. Females carry egg-sac attached to spinnerets and young on the abdomen upto adult.

These spiders are commonly known as ‘wolf-spiders’. They are ground dwelling, some members make small sheet webs on the grasses. About 3000 species are described.

Family Lycosidae consists of 5 genera and 34 species distributed in different areas of Bangladesh. These are:

**Genus** A. *Evippa* Simon, 1882
B. *Hippasa* Simon, 1885
C. *Lycosa* Latreille, 1804
D. *Ocyale* Audouin, 1825
E. *Pardosa* C.L. Koch, 1848

A. **Genus: Evippa** Simon, 1882
   Species: *E. sohani* Tikader & Malhotra, 1980

B. **Genus: Hippasa** Simon, 1885
   Species: 1. *H. greenaliae* Blackwall, 1867
          2. *H. holmarae* Thorell, 1895
          3. *H. madraspatna* Gravely, 1924
          4. *H. pantherina* Pocock, 1899
          5. *H. partita* Cambridge, 1876
          6. *H. pisaurina* Pocock, 1900

C. **Genus: Lycosa** Latreille, 1804
   Species: 1. *L. chaperi* Simon, 1885
          2. *L. choudhuryi* Tikader & Malhotra, 1980
          3. *L. griseola* Biswas & Raychaudhuri, 2014
          4. *L. himalayaensis* Gravely, 1924
          5. *L. japhlongensis* Biswas & Raychaudhuri, 2014
          6. *L. kempi* Gravely, 1924
          7. *L. mackenzi* Gravely, 1924
          8. *L. nigrotibialis* Simon, 1884
          9. *L. picta* Biswas & Raychaudhuri, 2014
         10. *L. shyamae* Tikader, 1970
         11. *L. tista* Tikader, 1970

D. **Genus: Ocyale** Audouin, 1825
   Species: 1. *O. atalanta* Audouin, 1826

E. **Genus: Pardosa** C.L. Koch, 1848
   Species: 1. *P. annandalei* Gravely, 1924
          2. *P. birmanica* Simon, 1884
          3. *P. burasantiensis* Tikader & Malhotra, 1976
          4. *P. heterophthalmus* Simon, 1898
          5. *P. ladakhensis* Tikader, 1977
          6. *P. leucopalpis* Gravely, 1924
          7. *P. minutus* Tikader & Malhotra, 1976
          8. *P. mysorensis* Tikader & Mukerji, 1971
          9. *P. oakleyi* Gravely, 1924
         10. *P. pseudoannulata* Boesenberg & Strand, 1906
         11. *P. pusiola* Thorell, 1891
12. *P. royi* Biswas & Raychaudhuri, 2003
13. *P. shyamae* Tikader, 1970
14. *P. songosa* Tikader & Malhotra, 1976
15. *P. sumatrana* Thorell, 1890

**Family - IX. NEPHILIDAE** Simon, 1894
(Giant wood spiders)

**Diagnosis:** body medium to large. Cephalic region convex, more elevated, with one pair of posterior tubercles. Eyes small, similar, anteromedians widely separated. Chelicerae long, with strong teeth. Maxillae and labium scopulate.

Legs long and strong. All the members make large to very large orb-webs between the trees of the garden and forests.

In Bangladesh, this family contains 2 genera and 4 species only and these are:

**Genus A.** *Herennia* Thorell, 1877
**B.** *Nephila* Leach, 1815

**A. Genus:** *Herennia* Thorell, 1877
Species- 1. *H. ornatissima* Doleschall, 1877

**B. Genus:** *Nephila* Leach, 1815
Species- 1. *N. clavata* L. Koch, 1878
2. *N. maculata* Fabricius, 1793
3. *N. nandinae* Biswas & Raychaudhuri, 2019

**Family - X. OONOPIDAE** Simon, 1890
(Oonopids)

**Diagnosis:** Very small (< 3 mm), ecribellete spiders. Brightly coloured, orange, yellow etc. Carapace flat, convex, anteriorly narrow. With 6 eyes, some members with 4 eyes. No fovea on carapace. Chelicerae with strong teeth. Legs short, tarsi with 2 claws. Tibiae and tarsi I and II with series of spines. Abdomen oval, book-lung small, 6 spinnerets.

Family Oonopidae represents 54 genera and 300 species in the world fauna but only 1 (one) genus and 1 species reported in Bangladesh.

**A. Genus:** *Oonops* Templeton, 1835
Species- 1. *O. pulcher* Templeton, 1835
Family - XI. OXYOPIDAE Thorell, 1870

(Lynx spiders)

Diagnosis: Small to medium sized spiders. Legs long, spiny, with 3 claws. Eyes 8 in number, hexagonal, anteromedians small. These spiders are good predators of insect pests in the crop-fields and gardens.

These are distributed all over the world and about 500 species are described in the world. In Bangladesh, 2 genera and 22 species are recorded and these are:

Genus A. Oxyopes Latreille, 1804
B. Peucetia Thorell, 1869

A. Genus: Oxyopes Latreille, 1804
Species- 1. O. arini Saha & Raychaudhuri, 2008
          2. O. assamensis Tikader, 1969
          3. O. bikakaeus Barrion & Litsinger, 1995
          4. O. birmanicus Thorell, 1887
          5. O. bist Saha & Raychaudhuri, 2008
          6. O. elongates Biswas et al., 1996
          7. O. hotingchichi, Schenkel, 1963
          8. O. javanus Thorell, 1887
          9. O. linearis Saha & Raychaudhuri, 2008
         10. O. matiensis Barrion & Litsinger, 1995
         11. O. ovatus Biswas et al., 1996
         12. O. pandae Tikader, 1969
         13. O. ratnae Tikader, 1970
         14. O. reticulatus Biswas et al., 1996
         15. O. sakuntalae Tikader, 1970
         16. O. shweta Tikader, 1970
         17. O. sikkimensis Tikader, 1970
         18. O. sitae Tikader, 1970
         19. O. subhadrae Tikader, 1970
         20. O. sunandae Tikader, 1970

B. Genus: Peucetia Thorell, 1869
Species- 1. P. latikae Tikader, 1970
          2. P. viridana Stoliczka, 1869
Family - XII. PHILODROMIDAE F.O.P. Cambridge, 1871

(Philodromids)

**Diagnosis:** Small to medium ecribellate spiders. Body white to pale etc. Carapace slightly flattened, clothed with setae. eight eyes in two rows. Chelicerae without any teeth. Legs I, III and IV almost equal. Abdomen oval or elongate, covered with small setae. Two book-lungs present. Spinnerets simple, colulus present. Epigyne small.

These spiders are widely distributed all over the world. Free living on plants. About 30 genera and many species are described in the world.

In Bangladesh, this family contains only 1 genus and 1 species.

A. **Genus:** *Philodromus* Walckenaer, 1825

Species- 1. *P. betrabora* Tikader, 1966

Family - XIII. PHOLCIDAE C. L. Koch, 1850

(Daddy long legged spiders)

**Diagnosis:** Long legged spiders with small body. Carapace with deep fivea. Tarsi with many false articulations. They build irregular webs in dark places which they hang oppositely. Tarsi with 3 claws. Eyes 8 in numbers. Females carry cocoon in her mandibles. About 500 species described in the world.

The pholcids include 3 genera and 3 species in the fauna of Bangladesh. These are:

Genus A. *Artema* Walckenaer, 1837

B. *Crossopriza* Simon, 1893

C. *Pholcus* (Walckenaer, 1805)

A. **Genus:** *Artema* Walckenaer, 1837

Species- 1. *A. atalanta* Walckenaer, 1837

B. **Genus:** *Crossopriza* Simon, 1893

Species- 1. *C. lyoni* (Blackwall, 1867)

C. **Genus:** *Pholcus* (Walckenaer, 1805)

Species- 1. *P. phalangioides* (Fuesslin, 1775)

Family - XIV. PISAURIDAE, Simon, 1890

(Pisaurids)

**Diagnosis:** Small to medium spiders. Spinnerets 6 in usual arrangements. Tracheal spiracles placed in front of spinnerets. Eyes unusual. Tarsi with
numerous trichobothria. Posterior row of eyes recurved. Median claw with 2-3 teeth. They carry egg-sacs under cephalothorax. Young carried by mother.

These spiders usually live on water and can swim freely over waterbodies. Sometimes stay on floating leaves or other objects.

In Bangladesh, only 1 genus and 1 species of pisaurids are recorded and these are:

**A. Genus : Pisaura Simon, 1885**
Species- 1. *P. gitae* Tikader, 1970

**Family - XV. SALTICIDAE Blackwall, 1841**
(Jumping spiders)

**Diagnosis:** Body small to medium, stout. With short, strong legs. Eyes 8 in numbers, arranged in 3 rows: anterior row larger with anteromedians largest. Common in sunny areas. They cannot spin any web but can jump for preying on the foliage or ground. Jumping covers long areas many times than their body.

Salticids are common on plants, logs, fences and wall of houses. They are very colourful and attractive. Mostly tropical and sub-tropical in distribution and about 4000 species are described in the world fauna.

In Bangladesh, 21 genera and 72 species of salticids are recorded and these are:

**Genus**

A. *Bianor* Peckham & Peckham, 1885
B. *Epeus* Peckham & Peckham, 1885
C. *Euophrys* C.L. Koch, 1834
D. *Harmocharus* Simon, 1885
E. *Hasarius* Simon, 1871
F. *Hyllus* C.L. Koch, 1848
G. *Marpissa* C.L. Koch, 1846
H. *Menemerus* Simon, 1868
I. *Myrmarachne* MacLeay, 1839
J. *Pancorius* Simon, 1902
K. *Phaeacius* Simon, 1900
L. *Phidippus* C.L. Koch, 1846
M. *Phintella* Strand, 1906
N. *Plexippus* C.L. Koch, 1846
O. *Portia* Karsch, 1878
P. *Rhene* Thorell, 1869
Q. *Salticus* Latreille, 1804
R. *Telamonia* Thorell, 1887
S. *Thiania* C.L. Koch, 1846
A. Genus: Bianor Peckham & Peckham, 1885
Species- 1. B. hotingchichi Schenkel, 1963

B. Genus: Epeus Peckham & Peckham, 1885
Species- 1. E. alboguttatus Thorell, 1887
         2. E. glorius Zabka, 1985
         3. E. minutus Biswas, 2007

C. Genus: Euophrys C.L. Koch, 1834
Species- 1. E. cutleri Biswas & Raychaudhuri, 2018

D. Genus: Harmochirus Simon, 1885
Species- 1. H. brachiatius Thorell, 1887
         2. H. ahmedi Biswas, 2016

E. Genus: Hasarius Simon, 1871
Species- 1. H. adansoni Audouin, 1827
         2. H. raychaudhuri Biswas, 2017

F. Genus: Hyllus C. L. Koch, 1848
Species- 1. H. maskaranus Barrion & Litsinger, 1995

G. Genus: Marpissa C. L. Koch, 1846
Species- 1. M. animeshi Biswas, 2007
         2. M. andamanensis Tikader, 1977
         3. M. bengalensis Tikader, 1974
         4. M. bijoni Biswas, 2007
         5. M. calcuttaensis Tikader, 1974
         6. M. decorata Tikader, 1974
         7. M. dhakuriaensis Tikader, 197
         8. M. gajbet Biswas, 2007
         9. M. ludhianaensis Tikader, 1974
        10. M. majumderi Biswas, 2007
        11. M. minutus Biswas, 2007
        12. M. mondali Tikader, 1974
        13. M. proszynskii Biswas & Begum, 1999
        14. M. sannyali Biswas, 2007

H. Genus: Menemerus Simon, 1868
Species- 1. M. bivittatus Dufour, 1831
         2. M. brachygnathus Thorell, 1887
I. Genus: *Myrmarachne* MacLeay, 1839  
Species- 1. *M. binghami* Biswas & Raychaudhuri, 2017  
2. *M. chandali* Biswas, 2009  
3. *M. elongata* Szombathy, 1915  
4. *M. legon* Wanless, 1978  
5. *M. maratha* Tikader, 1973  
6. *M. orientalis* Tikader, 1973  
7. *M. ovaloabdominalis* Biswas, 2009  
8. *M. pictocephalis* Biswas, 2009  
9. *M. plataleoides* O.P. Cambridge, 1869  
10. *M. poonaensis* Tikader, 1973  
11. *M. radhamadhabi* Biswas, 2009  
12. *M. nigriabdominalis* Biswas & Raychaudhuri, 2018  
13. *M. wanlessi* Biswas & Raychaudhuri, 2018  
14. *M. gitanjaliae* Biswas & Raychaudhuri, 2018

J. Genus: *Pancorius* Simon, 1902  
Species- 1. *P. magnus* Zabka, 1985

K. Genus: *Phaeacius* Simon, 1900  
Species- 1. *P. mainitensis* Barrion & Litsinger, 1995  
2. *P. malayensis* Wanless, 1981

L. Genus: *Phidippus* C. L. Koch, 1846  
Species- 1. *P. bengalensis* Tikader, 1977  
2. *P. lahiri* Biswas, 2009  
3. *P. majumderi* Biswas, 1999  
4. *P. pateli* Tikader, 1974

M. Genus: *Phintella* Strand, 1906  
Species- 1. *P. piaterensis* Barrion & Litsinger, 1995  
2. *P. rampalensis* Biswas, 2009  
3. *P. vittata* C.L. Koch, 1846

N. Genus: *Plexippus* C.L. Koch, 1846  
Species- 1. *P. begumae* Biswas, 2009  
2. *P. calcuttaensis* Tikader, 1974  
3. *P. paykulli* Savignyi & Audouin, 1827  
4. *P. petersi* (Karsch, 1878)  
5. *P. wesolowskai* Biswas & Raychaudhuri, 1997  
6. *P. zabkai* Biswas, 2009

O. Genus: *Portia* Karsch, 1878  
Species- 1. *P. labiata* Thorell, 1882
P. **Genus:** *Rhene* Thorell, 1869
Species-  1. *R. flavicomans* Simon, 1902  
            2. *R. khulnaensis* Biswas, 2017  
            3. *R. kustiaensis* Biswas, 2009

Q. **Genus:** *Salticus* Latreille, 1804
Species-  1. *S. andamanensis* Tikader, 1977  
            2. *S. cingulatus* Panzer, 1797  
            3. *S. minutus* Biswas, 2009  
            4. *S. ranjitus* Tikader, 1967

R. **Genus:** *Telamonia* Thorell, 1887
Species-  1. *T. festiva* Thorell, 1887

S. **Genus:** *Thiania* C.L. Koch, 1846
Species-  1. *T. bhanoensis* Thorell, 1887

T. **Genus:** *Zeuxippus* Thorell, 1891
Species-  1. *Z. pallidus* Thorell, 1895

U. **Genus:** *Zygoballus* Peckham & Peckham, 1885
Species-  1. *Z. bijoyi* Biswas & Raychaudhuri, 2018  
            2. *Z. cephalotuberculata* Biswas, 2009  
            3. *Z. decorata* Biswas, 2009  
            4. *Z. narmadaensis* Tikader, 1975  
            5. *Z. pashanensis* Tikader, 1975

**Family - XVI. SCYTODIDAE** Blackwall, 1864
(Spitting spiders)

**Diagnosis:** Body small to very small, light coloured spiders. Have 6 eyes arranged in 3 diads on the carapace. The AME are moderately larger in diameter compare to the lateral eyes. Chelicerae weak and basally fused, bears no boss and fang furrow bears a hard lamella. Promargin with a transparent lamella. The labium is fused to the sternum, maxillae covers apically. A colulus is present. Legs are very large and slender and without heavy spines.

Scytodids are commonly known as ‘spitting spiders’. They stay on the garden and forests or hilly areas where they spin small irregular webs. They are distributed in the tropical and sub-tropical parts of the world and about 250 species under 5 genera are described (World Spider Catalog 2017).

In Bangladesh, family Scytodidae contains only one species under one genus and that is-

A. **Genus:** *Scytodes* Latreille, 1804
Species-  1. *S. tikaderi* Biswas, 2017
Family - XVII. SPARASSIDAE Thorell, 1873
(Huntsman spiders)

Diagnosis: Body is medium to large, hairy. Soft and flattened. Lower margin of fang furrow of chelicerae armed with teeth. Eyes in 2 rows, large, marginal. Legs long, extended sidewise.

These are called ‘giant crab-spiders’. They are mostly tropical, some are living warmest parts of the world. Commonly found in the houses, bathrooms, walls, kitchens etc. About 1500 species are described in the world.

The family Sparassidae composed of 3 genera and 7 species in the fauna of Bangladesh. These are -

Genus  A. Heteropoda Latreille, 1804  
B. Micrommata Latreille, 1804  
C. Olios Walckenaer, 1837

A. Genus: Heteropoda Latreille, 1804
Species- 1. H. buxa Saha, Biswas & Raychaudhuri, 1995  
2. H. hampsoni Pocock, 1901  
3. H. venatoria Linnaeus, 1758

B. Genus: Micrommata Latreille, 1804
Species-1. M. bagerhatensis Biswas, 2006

C. Genus: Olios Walckenaer, 1837
Species- 1. O. durlaviae Biswas & Raychaudhuri, 2005  
2. O. gravelyi Shethi & Tikader, 1988  
3. O. hampsoni Pocock, 1901

Family - XVIII. TETRAGNATHIDAE Menge, 1866
(Long-jawed spiders)

Diagnosis: Body is medium to large, long, cylindrical; abdomen very long, pointed. Chelicerae of male very long with fang longest and curved, each of cheliceral margins with many teeth. Legs very long and slender. Epigynum secondarily lost.

They can make typical geometric webs in the crop-fields and gardens nearly water bodies. World wide in distribution and more than 1000 species are described in the world (Biswas 2009).

In Bangladesh, family Tetragnathidae consists of 6 genera and 23 species and these are:
Genus  A. Dyschiriognatha Simon, 1893  
B. Leucauge White, 1841  
C. Opadometa Archer, 1951  
D. Tetragnatha Latreille, 1804  
E. Tylorida Simon, 1894  
F. Herennia Thorell, 1877

A. Genus: Dyschiriognatha Simon, 1893
Species-1. D. dentata Zhu & Wen, 1978

B. Genus: Leucauge White, 1841
Species- 1. L. culta O.P.Cambridge, 1869  
2. L. decorata Blackwall, 1864  
3. L. dorsotuberculata Tikader, 1982  
4. L. pondae Tikader, 1970  
5. L. parangscipinia Barrion & Litsinger, 1995

C. Genus: Opadometa Archer, 1951
Species - 1. O. fastigata Simon, 1877

D. Genus: Tetragnatha Latreille, 1804
Species- 1. T. andamanensis Tikader, 1977  
2. T. boydi Cambridge, 1898  
3. T. ceylonica Cambridge, 1869  
4. T. chaudiodus Thorell, 1890  
5. T. fletcheri Gravely, 1921  
6. T. hasselti Thorell, 1890  
7. T. jaculator Tullgren, 1910  
8. T. javana Thorell, 1890  
9. T. khanjahani Biswas & Raychaudhuri, 1996  
10. T. mandibulata Walckenaer, 1841  
11. T. maxillosa Thorell, 1895  
12. T. nitiens Audouin, 1826  
13. T. vermiciformis Emerton, 1884  
14. T. virescens Okuma, 1979

E. Genus: Tylorida Simon, 1894
Species- 1. T. ventralis Thorell, 1877

F. Genus: Herennia Thorell, 1877
Species- 1. H. ornatissima Doleschall, 1859
Family - XIX. THERIDIIDAE Sundevall, 1833

(Comb-footed Spiders)

**Diagnosis:** Body is very small to medium, oval or rounded, elongate etc. Chelicerae pointed on proximal end under carapace, with few teeth. Eyes 8 in number. Each fourth leg with comb and tarsi with 3 claws. Male palp with accessory arm absent or present.

They build irregular snares; from threads they suspend themselves in an inverted position while waiting for prey. These spiders are distributed all over the world and about 300 species are described. Some are poisonous and others are parasitic on the webs of araneids.

The family Theridiidae, in Bangladesh, contains 6 genera and 16 species and these are:

**Genus**
A. *Achaearanea* Strand, 1929
B. *Argyrodes* Simon, 1864
C. *Chrysso* O.P. Cambridge, 1882
D. *Coleosoma* O.P. Cambridge, 1882
E. *Enoplognatha* Pavesi, 1880
F. *Theridion* Walckenaer, 1805

**A. Genus: Achaearanea Strand, 1929**
Species- 1. *A. durgae* Tikader, 1970
2. *A. mundula* L. Koch, 1872

**B. Genus: Argyrodes Simon, 1864**
Species- 1. *A. argentatus* O.P. Cambridge, 1880
2. *A. bonadea* Karsch, 1881
3. *A. flavescens* O.P. Cambridge, 1880
4. *A. gazingensis* Tikader, 1970
5. *A. minutus* Biswas, 2009

**C. Genus: Chrysso O.P. Cambridge, 1882**
Species- 1. *C. argyrodiformis* Yaginuma, 1952
2. *C. tiboli* Barrion & Litsinger, 1995

**D. Genus: Coleosoma O.P. Cambridge, 1882**
Species- 1. *C. blandum* O.P. Cambridge, 1882

**E. Genus: Enoplognatha Pavesi, 1880**
Species- 1. *E. cariasoi* Barrion & Litsinger, 1995
2. *E. tuybaana* Barrion & Litsinger, 1995

**F. Genus: Theridion Walckenaer, 1805**
Species- 1. *T. ovatus* Biswas, 2009
Family - XX. THOMISIDAE Sundevall, 1833
(Crab spiders)

Diagnosis: Body small to medium, crab-like. Cephalothorax and abdomen usually short and broad. Eyes homogeneously coloured. Chelicerae fused, colulus present. Legs medium, with 2 tarsal claws. One pair of book-lungs and a single tracheal opening and cribellum absent.

Thomisids are not active hunters, they use camouflage techniques for catching prey. They stay long times on leaves or flowers until prey comes and catch it.

These are colourful spiders and stay mostly on plant foliages and flower for the prey. These are world wide in distribution and more than 3000 species are described.

In Bangladesh, family Thomisidae consists of 14 genera and 28 species and these are as follows:

Genus A. Amyciaea Simon, 1885
B. Bomis Koch, 1873
C. Camaricus Thorell, 1887
D. Diaea Thorell, 1869
E. Misumenoides F.O.P. Cambridge, 1900
F. Massuria Thorell, 1877
G. Oxyptila Simon, 1864
H. Philodamia Thorell, 1894
I. Runcinia Simon, 1875
J. Thanatus C.L. Koch, 1837
K. Thomisus Walckenaer, 1805
L. Tibellus Simon, 1875
M. Tmarus Simon, 1875
N. Xysticus C.L. Koch, 1835

A. Genus: Amyciaea Simon, 1885
Species- 1. A. forticeps Cambridge, 1873

B. Genus: Bomis Koch, 1873
Species- 1. B. bengalensis Tikader, 1962

C. Genus: Camaricus Thorell, 1887
Species- 1. C. chayani Biswas & Raychaudhuri, 2016
2. C. formosus Thorell, 1887

D. Genus: Diaea Thorell, 1869
Species- 1. D. prasadi Biswas, 2009
E. Genus: *Misumenoides* F.O.P. Cambridge, 1900  
Species- 1. *M. deccanes* Tikader, 1965  
2. *M. shulli* Tikader, 1965

F. Genus: *Mossuria* Thorell, 1877  
Species - 1. *M. laterotuberculata* Biswas, 2009

G. Genus: *Oxyptila* Simon, 1864  
Species- 1. *O. manii* Tikader, 1960  
2. *O. neenae* Basu, 1964

H. Genus: *Philodamia* Thorell, 1894  
Species- 1. *P. ovalis* Biswas, 2007

I. Genus: *Runcinia* Simon, 1875  
Species - 1. *R. accuminata* Thorell, 1881  
2. *R. albostriata* Boesenberg & Strand, 1906  
3. *R. chauhani* Sen & Basu, 1972  
4. *R. roonwali* Tikader, 1965

J. Genus: *Thanatus* C.L. Koch, 1837  
Species- 1. *T. betagaensis* Biswas, 2009

K. Genus: *Thomisus* Walckenaer, 1805  
Species- 1. *T. andamanensis* Tikader, 1980  
2. *T. beautifularis* Basu, 1963  
3. *T. cherapunjii* Tikader, 1966  
4. *T. katrajghatus* Tikader, 1963  
5. *T. labefactus* Karsch, 1881  
6. *T. projectus* Tikader, 1960  
7. *T. pugilis* Stoliczka, 1869

L. Genus: *Tibellus* Simon, 1875  
Species- 1. *T. shikerpurensis* Biswas & Raychaudhuri, 1995

M. Genus: *Tmarus* Simon, 1875  
Species- 1. *T. dostinikus* Barrion & Litsinger, 1995

N. Genus: *Xysticus* C.L. Koch, 1835  
Species- 1. *X. bengalensis* Tikader & Biswas, 1974  
2. *X. minutus* Tikader, 1960  
3. *X. shampae* Biswas, 2009
Family - XXI. ULOBORIDAE O.P. Cambridge, 1871
(Uloborids)

**Diagnosis:** Body is small to medium, light yellow or brown. Eyes homogeneous, in separate rows. Chelicerae with or without boss, fang with many teeth. Sternum oval or heart-shaped. Abdomen elongate or oval, dorsum covered with hairs and pubescence. Cribellum and calamistrum both present. Legs large, long and slender, femora with a row of trichobothria present. They have no poison gland.

They can make a typical webs in the garden. Distributed all over the world and about 400 species are described.

In Bangladesh, family Uloboridae contains of 3 genera and 5 species and these are:

- **Genus** A. *Miagrammopes* F.O.P. Cambridge, 1869
- **Genus** B. *Uloborus* Latreille, 1806
- **Genus** C. *Zosis* Walckenaer, 1841

**A. Genus:** *Miagrammopes* F.O.P. Cambridge, 1869
Species - 1. *M. maigsicus* Barrion & Litsinger, 1995

**B. Genus:** *Uloborus* Latreille, 1806
Species - 1. *U. danolius* Tikader, 1969
2. *U. krishnae* Tikader, 1970
3. *U. chinmoyiae* Biswas & Raychaudhuri, 2013

**C. Genus:** *Zosis* Walckenaer, 1841
Species - 1. *Z. geniculatus* (Olivier, 1789)

**DISCUSSION**

The present paper is an updated checklist of the spider fauna of Bangladesh. It contains a complete distributional list of the described species of spiders which were previously collected and identified by different authors from different areas of the country. In this checklist, a total of 334 species of spiders belonging to 100 genera and 21 different families are included. Twenty one families are - Araneidae, Clubionidae, Corinidae, Gnaphosidae, Hersiliidae, Homalonychidae, Linyphiidae, Lycosidae, Nephilidae, Oonopidae, Oxyopidae, Philodromidae, Pholcidae, Pisauridae, Salticidae, Scytodidae, Sparassidae, Tetragnathidae, Theridiidae, Thomisidae and Uloboridae. Among the families, maximum number of species were recorded for the family Araneidae (87) following Salticidae (72), Lycosidae (34), Thomisidae (28), Tetragnathidae (23), Oxyopidae (22), Theridiidae (16), Clubionidae (13), Gnaphosidae (9), Sparassidae (7), Corinidae (5), Uloboridae (5), Nephilidae (4), Pholcidae (3), Hersiliidae (2),
Linyphidae (2), Philodromidae (1), Scytodidae (1), Pisauridae (1) and Homalonychidae (1) (Table 1).

Of all the genera under different families, genus *Neoscona* Simon (family: Araneidae) containing maximum number of species (21) following *Oxyopes* Latreille (20) (Family: Oxyopidae), genus *Pardosa* C.L.Koch (15) (family: Lycosidae), genera *Cyclosa* Menge (14) (family: Araneidae), Marpissa C.L.Koch (14) (family: Salticidae), *Myrmarachne* MacLeay (14) (family: Salticidae) and *Tetragnatha* Latreille (14) (family: Tetragnathidae), genus *Argiope* Audouin (10) (family: Araneidae) and so on. All these species show specialized distribution and each of them plays a great predatory role in insect pest management of garden and field-crops.

From the biological records, following spider families *viz.* Araneidae, Tetragnathidae, Nephilidae, Lycosidae, Pholcidae, Theridiidae and Uloboridae show specialized orb-weaving behaviour and make typical geometric webs of their own technique and stay on or near the webs for the preys (Biswas et al. 1995). The rest of the families of spiders are jumpers, nest builders, ground dwellers, runners, swimmers etc. and stay in different habitats. All these spiders are also predatory in behaviour and consume a good number of insect pests in the crop-fields and gardens and thus help in insect pest management as 'biological control agent.'

From the economic point of view, an immediate technique should be applied for the conservation of these important arthropods/arachnids.

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