



Spiders of Bhutan

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Abstract

A checklist of Spiders found in Bhutan prepared referring to the published literature is presented in the paper. The paper is an updated list of spiders of Bhutan along with their global distribution. The Himalayan Kingdom of Bhutan is home to 118 species of Spiders belonging to 52 genera and 11 families. 71 of the species are endemic to Bhutan. This is the first checklist prepared by Bhutanese as earlier literature's authors were all foreigners.

Keywords: Bhutan, checklist, distribution, genus, family, spiders

Introduction

Bhutan, a country buffered between China and India, is home to around 11,000 plus species (Manita & Nepal, 2021)^[19]. Bhutan is home to Bengal Tiger (*Panthera tigris tigris*), Red Panda (*Ailurus fulgens*), Bhutan Takin (*Budorcas taxicolor whitei*), Great Hornbill (*Buceros bicornis*) and Black-necked Crane (*Grus nigricollis*), which are globally threatened.

Studies of Spiders can be found in Brignoli (1978)^[5], Ono (1978, 1979, 1980, 2000, 2001)^[21, 22, 23, 24, 25], Zabka (1981, 1985, 1990)^[38, 39, 40], Jastrzębski (1999)^[14], Siliwal *et al.* (2005)^[33], Siliwal & Molur (2007)^[32], and Dhali *et al.* (2012)^[9],

Brignoli (1978)^[5] described 15 species occurring in Bhutan. Ono (1978, 1979, 1980, 2000, 2001)^[21, 22, 23, 24, 25] described 19 species. Zabka (1981, 1985, 1990)^[38, 39, 40] described 30 species said to be occurring in Bhutan. Jastrzębski (1999)^[14] described seven species belonging to family Salticidae from Himalaya. The author described 5 species *Carrhotus erus*, *C. kamjeensis*, *C. samchiensis*, *C. catagraphus* and *C. operosus* as new records. Siliwal *et al.* (2005)^[33] attempted to describe the list of spiders that occurred in India. The authors were able to prepare a checklist of 1442 species of spider from India along with their global distribution. Siliwal & Molur (2007)^[32] prepared a comprehensive checklist of spiders of 8 South Asian countries – Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka along with their global distribution. The authors listed 105 Spider species found in Bhutan. Dhali *et al.* (2012)^[9] prepared a checklist of 31 wolf spiders of Dooars, West Bengal along with their global distribution.

Methods and Materials

The Checklist was prepared based on the published literature since 1978. Brignoli (1978)^[5], Ono (1978, 1979, 1980, 2000, 2001)^[21, 22, 23, 24, 25], Zabka (1981, 1985, 1990)^[38, 39, 40], Jastrzębski (1999)^[14], Siliwal *et al.* (2005)^[33], Siliwal & Molur (2007)^[32], and Dhali *et al.* (2012)^[9] were referred to prepare the checklist.

Result

Family: Lycosidae Sundevall, 1833

Genus: *Lycosa* Latreille, 1804

1. *Lycosa bistrinata* Gravely, 1924

Distribution: Bhutan, Pakistan & India (Siliwal *et al.*, 2005; Dhali *et al.*, 2012; Jangid *et al.*, 2019)^[33, 9, 13]

Notes: Endemic to South Asia

2. *Lycosa kempii* Gravely, 1924

Distribution: Bhutan, China, India & Pakistan (Dhali, *et al.*, 2012; Soomra *et al.*, 2012)^[9, 34]

3. *Lycosa phipsoni* Pocock, 1899

Distribution: Bhutan, Nepal, India, Taiwan & China (Dhali *et al.*, 2012; Yadav *et al.*, 2017)^[9, 37]

4. *Lycosa nigrotibialis* Simon, 1884

Distribution: Bhutan, India & Myanmar (Siliwal *et al.*, 2005)^[33]

Genus: *Pardosa* C. L. Koch, 1847

5. *Pardosa birmanica* Simon, 1884

Distribution: Bhutan, Bangladesh, China, Myanmar, Philippines, Indonesia, India & Pakistan (Dhali *et al.*, 2012; Perveen & Jamal, 2012; Jangid *et al.*, 2019)^[9, 2, 13]

6. *Pardosa chambaensis* Tikader & Malhotra, 1980

Distribution: Bhutan & India (Dhali *et al.*, 2012)^[9]

7. *Pardosa pseudoannulata* Bösenberg & Strand, 1906

Distribution: Bhutan, Philippines, Myanmar, Nepal, Pakistan, Indonesia, Laos, Japan, India & Bangladesh (Heong *et al.*, 1990; Jangid *et al.*, 2009; Dhali *et al.*, 2012)^[11, 13, 9]

8. *Pardosa pusiola* Thorell, 1891

Distribution: Bhutan, Bangladesh, China, India, Laos, Indonesia, Myanmar, Nepal & Sri Lanka (Jangid *et al.*, 2009; Dhali *et al.*, 2012)^[13, 9]

9. *Pardosa songosa* Tikader & Malhotra, 1976

Distribution: Bhutan, Bangladesh, China, Pakistan & India

(Dhali *et al.*, 2012; Riaz *et al.*, 2017) ^[9, 30]

10. *Pardosa sumatrana* Thorell, 1890

Distribution: Bhutan, Bangladesh, China, India, Indonesia, Myanmar, Pakistan, Nepal, Philippines & Sri Lanka (Dhali *et al.*, 2012; Mukhtar *et al.*, 2013; Kumari *et al.*, 2017) ^[9, 20, 16]

Genus: *Hogna* Simon, 1885

11. *Hogna himalayensis* Gravely, 1924

Distribution: Bhutan, China, Pakistan & India (Siliwal *et al.*, 2005; Ghazanfar *et al.*, 2016) ^[33, 10]

Genus: *Dorjulopirata* Buchar, 1997

Notes: Monotypic genus endemic to Bhutan

12. *Dorjulopirata dorjulanus* Buchar, 1997

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Genus: *Hippasa* Simon, 1885

13. *Hippasa bifasciata* Buchar, 1997

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Genus: *Trochosa* C. L. Koch, 1847

14. *Trochosa dentichelis* Buchar, 1997

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Genus: *Zoica* Simon, 1898

15. *Zoica oculata* Buchar, 1997

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Family: Araneidae Clerck, 1757

Genus: *Cyclosa* Menge, 1866

16. *Cyclosa quinqueguttata* Thorell, 1881

Distribution: Bhutan, India, Sri Lanka, China & Myanmar (Sebastian *et al.*, 2005; Siliwal *et al.*, 2005) ^[31, 33]

Genus: *Neoscona* Simon, 1864

17. *Neoscona chrysanthusi* Tikader & Bal, 1981

Distribution: Bhutan, Bangladesh, Pakistan & India (Siliwal *et al.*, 2005; Biswas 2019) ^[33, 3]

Notes: Endemic to South Asia

Family: Oonopidae Simon, 1890

Genus: *Ischnothyreus* Simon, 1892

18. *Ischnothyreus shillongensis* Tikader, 1968

Distribution: Bhutan & India (Siliwal *et al.*, 2005; Siliwal & Molur, 2007) ^[33, 32]

Notes: Endemic to South Asia

Genus: *Camptoscaphiella* Caporiacco, 1934

19. *Camptoscaphiella hilaris* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Genus: *Epectris* Simon, 1893

20. *Epectris aenobarbus* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur,

2007) ^[5, 32]

Notes: Endemic to Bhutan

Genus: *Opopaea* Simon, 1891

21. *Opopaea sponsa* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Genus: *Orchestina* Simon, 1882

22. *Orchestina aerumnae* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Family: Salticidae Blackwall, 1841

Genus: *Bianor* Peckham & Peckham, 1886

23. *Bianor angulosus* Karsch, 1879

Distribution: Bhutan, Myanmar, Bangladesh, Indonesia, China, India, Vietnam, Thailand & Sri Lanka (Siliwal *et al.*, 2005; Gardzińska, 2017) ^[33]

24. *Bianor pseudomaculatus* Logunov, 2001 ^[18]

Distribution: Bhutan, Vietnam & India (Logunov, 2000; Siliwal *et al.*, 2005) ^[18, 33]

25. *Bianor nexilis* Jastrzebski, 2007

Distribution: Bhutan (Jastrzebski, 1999) ^[14]

26. *Bianor incitatus* Thorell, 1890

Distribution: Bhutan, Japan, Indonesia, China, Thailand, Laos, Sri Lanka & India (Prószyński, 1978) ^[29]

Genus: *Harmochirus* Simon, 1885

27. *Harmochirus brachiatus* Thorell, 1877

Distribution: Bhutan, Taiwan, Korea, India & Indonesia (Peng *et al.*, 2002; Siliwal *et al.*, 2005) ^[26, 33]

Genus: *Rhene* Thorell, 1869

28. *Rhene flavicomans* Simon, 1902

Distribution: Bhutan, Vietnam, Nepal, Thailand, Sri Lanka & India (Siliwal *et al.*, 2005; Kadam & Rajkumar, 2020) ^[33]

Notes: Endemic to South Asia

29. *Rhene phuntsholingensis* Jastrzebski, 1997

Distribution: Bhutan & Nepal (Jastrzebski, 1999) ^[14]

Notes: Endemic to South Asia

Genus: *Telamonia* Thorell, 1887

30. *Telamonia dimidiata* Simon, 1899

Distribution: Bhutan, Indonesia, Nepal & India (Siliwal *et al.*, 2005; Chetia & Kalita, 2012) ^[33]

31. *Telamonia dissimilis* Próchniewicz, 1990

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

32. *Telamonia laecta* Próchniewicz, 1990

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

33. *Telamonia prima* Próchniewicz, 1990

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Genus: *Carrhotus* Thorell, 1891

34. *Carrhotus kamjeensis* Jastrzębski, 1999 ^[14]
Distribution: Bhutan (Jastrzębski, 1999; Siliwal & Molur, 2007) ^[14, 32]

Notes: Endemic to Bhutan

35. *Carrhotus samchiensis* Jastrzębski, 1999 ^[14]
Distribution: Bhutan (Jastrzębski, 1999; Siliwal & Molur, 2007) ^[14, 32]

Notes: Endemic to Bhutan

36. *Carrhotus sufflavus* Jastrzębski, 2009
Distribution: Bhutan (Jastrzębski, 1999) ^[14]

37. *Carrhotus sannio* Thorell, 1877
Distribution: Bhutan, China, Nepal, Indonesia, Malaysia, Myanmar, Philippines Vietnam, Sri Lanka & India (Jastrzębski, 1999; Zabka & Nentwig, 2000) ^[14]

38. *Carrhotus viduus* C. L. Koch, 1846
Distribution: Bhutan, Myanmar, Pakistan, Nepal & India (Jastrzębski, 1999; Bhat *et al.*, 2013) ^[14]
Genus: *Evarcha* Simon, 1902

39. *Evarcha pococki* Zabka, 1985 ^[39]
Distribution: Bhutan, Vietnam & China (Siliwal & Molur, 2007) ^[32]
Genus: *Helicius* Zabka, 1981 ^[38]

40. *Helicius hillaryi* Zabka, 1981 ^[38]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan
Genus: *Heliophanoides* Prószyński, 1992
Notes: Endemic to South Asia

41. *Heliophanoides bhutanicus* Prószyński, 1992
Distribution: Bhutan (Prószyński, 1978; Siliwal & Molur, 2007) ^[29, 32]
Notes: Endemic to Bhutan
Genus: *Langona* Simon, 1901

42. *Langona bhutanica* Prószyński, 1978 ^[29]
Distribution: Bhutan & China (Zabka & Nentwig, 2002; Siliwal & Molur, 2007) ^[32]
Genus: *Neobrettus* Wanless, 1984

43. *Neobrettus tibalis* Prószyński, 1978 ^[29]
Distribution: Bhutan, India & Malaysia (Siliwal & Molur, 2007; Banerjee *et al.*, 2019)
Genus: *Pancorius* Simon, 1902

44. *Pancorius changricus* Zabka, 1990 ^[40]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan

45. *Pancorius magniformis* Zabka, 1990 ^[40]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan

46. *Pancorius wangdicus* Zabka, 1990 ^[40]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan

Genus: *Phintella* Strand, 1906

47. *Phintella volupe* Karsch, 1879
Distribution: Bhutan, Myanmar, India & Sri Lanka (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan
Genus: *Phlegra* Simon, 1876

48. *Phlegra particeps* O. Pickard-Cambridge, 1872
Distribution: Bhutan & Israel (Siliwal & Molur, 2007) ^[32]

49. *Phlegra samchiensis* Prószyński, 1978 ^[29]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan

50. *Phlegra thibetana* Simon, 1901
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Genus: *Plexippoides* Prószyński, 1984

51. *Plexippoides dilucidus* Próchniewicz, 1990
Distribution: Bhutan (Próchniewicz, 1990; Siliwal & Molur, 2007) ^[32]
Genus: *Plexippus* C. L. Koch, 1846

52. *Plexippus bhutani* Zabka, 1990 ^[40]
Distribution: Bhutan, India & China (Peng, 2002; Siliwal & Molur, 2007) ^[26, 32]
Genus: *Pseudamycus* Simon, 1885

53. *Pseudamycus bhutani* Zabka, 1990 ^[40]
Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to Bhutan
Genus: *Rafalus* Prószyński, 1999

54. *Rafalus wittmeri* Prószyński, 1978 ^[29]
Distribution: Bhutan (Prószyński, 1978; Siliwal & Molur, 2007) ^[29, 32]
Notes: Endemic to Bhutan
Genus: *Synagelides* Strand, 1906

55. *Synagelides wangdicus* Bohdanowicz, 1978
Distribution: Bhutan (Longunov & Hereward, 2006)
Notes: Endemic to Bhutan

56. *Synagelides wuermlii* Bohdanowicz, 1978
Distribution: Bhutan (Longunov & Hereward, 2006)
Notes: Endemic to Bhutan
Genus: *Yaginumaella* Prószyński, 1979

57. *Yaginumaella bhutanica* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan

58. *Yaginumaella cambridgei* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan

59. *Yaginumaella gogonaica* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan

60. *Yaginumaella helvetorum* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
61. *Yaginumaella hybrida* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
62. *Yaginumaella incognita* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
63. *Yaginumaella intermedia* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
64. *Yaginumaella montana* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
65. *Yaginumaella nobilis* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
66. *Yaginumaella nova* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
67. *Yaginumaella orientalia* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
68. *Yaginumaella pilosa* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
69. *Yaginumaella silvatica* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
70. *Yaginumaella simoni* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
71. *Yaginumaella stemmleri* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
72. *Yaginumaella strandi* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
73. *Yaginumaella supine* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
74. *Yaginumaella tenella* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
75. *Yaginumaella thimphuica* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
76. *Yaginumaella urbanii* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
77. *Yaginumaella versicolor* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
78. *Yaginumaella wangdica* Zabka, 1981 ^[38]
Distribution: Bhutan (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
79. *Yaginumaella wuermli* Zabka, 1981 ^[38]
Distribution: Bhutan & China (Zabka, 1981; Siliwal & Molur, 2007) ^[38, 32]
Notes: Endemic to Bhutan
- Family: Thomisidae Sundevall, 1833
Genus: *Stiphropus* Gerstaecker, 1873
80. *Stiphropus soureni* Sen, 1964
Distribution: Bhutan, Nepal & India (Siliwal *et al.*, 2005) ^[33]
Notes: Endemic to South Asia
Genus: *Xysticus* C. L. Koch, 1835
81. *Xysticus croceus* Fox, 1937
Distribution: Bhutan, Nepal, India, China, Korea, Vietnam & Japan (Siliwal *et al.*, 2005; Siliwal & Molur, 2007) ^[33, 32]
82. *Xysticus simplicipalpatus* Ono, 1978 ^[21]
Distribution: Bhutan & Nepal (Siliwal & Molur, 2007) ^[32]
Notes: Endemic to South Asia
Genus: *Ebrechtella* Dahl, 1907
83. *Ebrechtella pseudovatia* Schenkel
Distribution: Bhutan, Taiwan & China (Tang & Li, 2010) ^[35]
Genus: *Loxobates* Thorell, 1877
84. *Loxobates minor* Ono, 2001 ^[24]
Distribution: Bhutan & China (Tang & Li, 2010) ^[35]
Notes: Endemic to Bhutan
Genus: *Lysiteles* Simon, 1895
85. *Lysiteles ambrosii* Ono, 2001 ^[24]
Distribution: Bhutan & China (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

Notes: Endemic to Bhutan

86. *Lysiteles amoenus* Ono, 2001 ^[24]

Distribution: Bhutan & Taiwan (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

87. *Lysiteles bhutanus* Ono, 2001 ^[24]

Distribution: Bhutan & China (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

Notes: Endemic to Bhutan

88. *Lysiteles himalayensis* Ono, 1979 ^[22]

Distribution: Bhutan, China & Nepal (Siliwal & Molur, 2007; Tang, 2010) ^[32, 35]

Notes: Endemic to South Asia

89. *Lysiteles kunmingensis* Song & Zhao, 1994

Distribution: Bhutan & China (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

90. *Lysiteles minusculus* Song & Chai, 1990

Distribution: Bhutan & China (Siliwal & Molur, 2007; Tang & Li, 2010) ^[32, 35]

91. *Lysiteles niger* Ono, 1979 ^[22]

Distribution: Bhutan & Nepal (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to South Asia

92. *Lysiteles punctiger* Ono, 2001 ^[24]

Distribution: Bhutan (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

Notes: Endemic to Bhutan

93. *Lysiteles saltus* Ono, 1979 ^[22]

Distribution: Bhutan, China & Nepal (Tang, 2010) ^[35]

94. *Lysiteles wittmeri* Ono, 2001 ^[24]

Distribution: Bhutan (Ono, 2001) ^[24]

Notes: Endemic to Bhutan

Genus: *Oxytate* C. L. Koch, 1878

95. *Oxytate bhutanica* Ono, 2001 ^[24]

Distribution: Bhutan & China (Ono, 2001; Liu *et al.*, 2017) ^[24, 17]

Notes: Endemic to Bhutan

Genus: *Philodamia* Thorell, 1894

96. *Philodamia armillata* Thorell, 1895

Distribution: Bhutan & Myanmar (Siliwal & Molur, 2007) ^[32]

Genus: *Strigoplus* Simon, 1885

97. *Strigoplus albostriatatus* Simon, 1885

Distribution: Bhutan, Malaysia & Indonesia (Siliwal & Molur, 2007) ^[32]

Genus: *Synema* Simon, 1864

98. *Synema albomaculatum* Ono, 2001 ^[24]

Distribution: Bhutan (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

Notes: Endemic to Bhutan

Genus: *Talaus* Simon, 1886

99. *Talaus samchi* Ono, 2001 ^[24]

Distribution: Bhutan (Ono, 2001; Siliwal & Molur, 2007) ^[24, 32]

Notes: Endemic to Bhutan

Family: Agelenidae C. L. Koch, 1837

Genus: *Tegenaria* Latreille, 1804

100. *Tegenaria wittmeri* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Genus: *Draconarius* Ovtchinnikov, 1999

101. *Draconarius baronii* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

102. *Draconarius schenkeli* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

103. *Draconarius stemmleri* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

104. *Draconarius wuermlii* Brignoli, 1978 ^[5]

Distribution: Bhutan & Nepal (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Genus: *Himalcoelotes* Wang, 2002

105. *Himalcoelotes brignolii* Wang, 2002

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Family: Hahniidae Bertkau, 1878

Genus: *Hahnia* C. L. Koch, 1841

106. *Hahnia caelebs* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

107. *Hahnia innupta* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

108. *Hahnia lehtineni* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

109. *Hahnia musica* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

110. *Hahnia tikaderi* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Family: Linyphiidae Blackwall, 1859

Genus: *Heterolinyphia* Wunderlich, 1973

111. *Heterolinyphia secunda* Thaler, 1999

Distribution: Bhutan (Siliwal & Molur, 2007) ^[32]

Notes: Endemic to Bhutan

Family: Mimetidae Simon, 1881

Genus: *Ero* C. L. Koch, 1837

112. *Ero cachinnans* Brignoli, 1978 ^[5]

Distribution: Bhutan (Brignoli, 1978; Siliwal & Molur, 2007) ^[5, 32]

Notes: Endemic to Bhutan

Family: Nephilidae Simon, 1894

Genus: *Nephila* Leach, 1815

113. *Nephila limbata* Thorell, 1898

Distribution: Bhutan, Japan, India & Pakistan (Siliwal & Molur, 2007) ^[32]

Family: Sparassidae Bertkau, 1872

Genus: *Bhutaniella* Jäger, 2000

114. *Bhutaniella dunlopi* Jäger, 2001 ^[12]

Distribution: Bhutan (Jäger, 2001; Siliwal & Molur, 2007) ^[12, 32]

Notes: Endemic to Bhutan

115. *Bhutaniella gruberi* Jäger, 2001

Distribution: Bhutan (Jäger, 2001; Siliwal & Molur, 2007) ^[12, 32]

Notes: Endemic to Bhutan

116. *Bhutaniella haenggii* Jäger, 2001 ^[12]

Distribution: Bhutan (Jäger, 2001; Siliwal & Molur, 2007) ^[12, 32]

Notes: Endemic to Bhutan

Genus: *Pseudopoda* Jäger, 2000

117. *Pseudopoda albonotata* Jäger, 2001 ^[12]

Distribution: Bhutan (Jäger, 2001; Siliwal & Molur, 2007) ^[12, 32]

Notes: Endemic to Bhutan

118. *Pseudopoda gogona* Jäger, 2001 ^[12]

Distribution: Bhutan (Jäger, 2001; Siliwal & Molur, 2007) ^[12, 32]

Notes: Endemic to Bhutan

Discussion

The Kingdom of Bhutan is home to 118 species of Spiders belonging to 52 genera and 11 families (figure 1). The invertebrate animals are studied less compared to mega fauna. The checklist may not be a good representation of spider species found in Bhutan as some published papers were not accessible and there were less published paper regarding Spiders of Bhutan. Robust study should be carried out to prepare the detail checklist of spiders found in Bhutan to enhance conservation. No paper has been published after Siliwal & Molur (2007) ^[32].

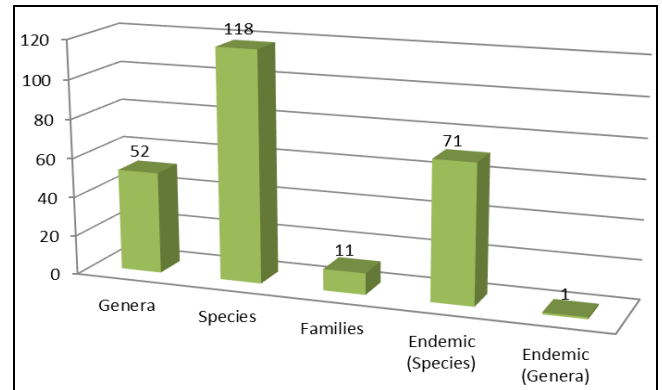


Fig 1: Spiders of Bhutan

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