

A CHECKLIST OF SPIDERS (ARACHNIDA: ARANEAE) FROM PENINSULAR MALAYSIA INCLUSIVE OF TWENTY NEW RECORDS

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ABSTRACT. – Spider literature exclusive to Peninsular Malaysia is lacking and this work fills that gap with an annotated checklist of 425 species in 42 families and 238 genera. Twenty species are here listed as new records for Peninsular Malaysia.

KEY WORDS. – Araneae, species list, new records, diversity, Malaysia.

INTRODUCTION

The spider fauna of South East Asia is relatively well known but that of Peninsular Malaysia is much less known in contrast to neighboring Singapore. Little work has been done on spiders and inventories exclusively on Peninsular Malaysia. This would hamper research and needless to say has important ramifications in terms of assessing the local biodiversity. Such implications are further aggravated when of late fundamental and baseline research are attracting less financial aid causing researchers to divert and concentrate on biotechnology work.

In theory and had been enhanced through many findings that spiders have the applied potential, for example to increase agricultural productivity in taking the role as pest control and able to limit pest densities (Barrion & Litsinger, 1995). Local possibilities, to name a few are from the family Araneidae; *Cyclosa bifida* and *C. mulmeinensis* that predates on rice leafhoppers, *Hasarius adansoni* and *Plexippus petersi* from family Salticidae also beneficial as biocontrol in ricefields.

Taxonomically, spiders are an important group globally comprised of more than 40,000 species under 106 families and 3,000 genera (Platnick, 2008). The Salticidae are the most diverse family recorded accounting for many recent discoveries and new species. This is no exception for Peninsular Malaysia spider fauna where salticid new genus and species were made by Zhang et al. (2006) in addition to six new species and one new record from Singapore and Malaysia (Zhang et al., 2003).

Such findings are evident of many more potential unknowns lurking in the Peninsular awaiting discovery. It is therefore our hope and primary objective that this compilation would provide baseline information to encourage interest in local Arachnology.

MATERIAL AND METHODS

Specimens examined were collected from Peninsular Malaysia and deposited in the Raffles Museum of Biodiversity Research, National University of Singapore (RMBR, NUS) by various Arachnologists and other workers and by reviewing available literature which had included Malaysian spiders primarily, Koh (1989), Murphy & Murphy (2000), Song et al. (2002) and Platnick (2006). The museum collections that were inspected included very old materials dated back in the 1920s, for example the species *Lampropelma violaceopedes* Abraham, 1924 (Family: Theraphosidae) was collected from Johore in Nov.1923 and also from Langkawi and Kedah, Malaysia on 23 Apr.1928.

The annotated checklist is presented in alphabetical order of family in a format according to the sequence of: RMBR catalogue numbers for the museum collections that were examined are labeled as ZRC.ARA followed by numerical series. A small number of specimens are yet to be catalogued, thus unnumbered.

RESULTS AND DISCUSSIONS

Diversity of spiders

Together with old records (Table 1) and current new records (Table 2), this work showed that the spider fauna for Malaysia includes 425 species, belonging to 42 family groups and 238 genera. From a global perspective this is small as taxonomists currently recognize more than 40,000 species under 106 families and more than 3,000 genera (Platnick, 2008). Workman (1896) compiled a total of 203 species in his book which had a majority of the illustrations done from specimens collected from Singapore and Penang and a smaller number representatives from Celebes, East India, Java and New Guinea. More interestingly, Song et al.(2002) summarized in his work where it was claimed that Malaysia is home to 463 species of spiders from 42 families and 181 genera. This discrepancy from the current report, can be explained by the fact that species from Sabah and Sarawak were included in the list count. Murphy and Murphy (2000) had a total of 284 species from Malaysia and this observation is in accordance with that of Platnick (2006) which had 276 species.

In terms of numerical dominance, salticids topped the list with 107 species, some 24.9% of the total number of species in Peninsular Malaysia. The presence of a substantial species number makes Peninsular Malaysia of considerable species richness. This is further supported by the existence of local endemics, it is worthy to note that the greatest number of endemics belonged to the families Liphistidae (all 15 species) and Tetrablemmidae (10 of 11 species). Interestingly also the so called hot spots are mainly from areas of Batu Caves, National Park (Taman Negara) and the highland resorts within Pahang state. It should be noted that the level of endemism be regarded with caution as the checklist produced here may not be through an exhaustive sampling. Green (1999) cautioned that for a comprehensive sampling, various techniques should be utilized also to include day and night catches to ensure nocturnal spider families are represented in such studies. Attention should be drawn to the fact that although spiders maybe abundant in Peninsular Malaysia but their presence had been poorly documented.

Admittedly, the checklist here is not exhaustive and may be inadequate to reveal the true diversity of Peninsular Malaysian spiders. Nevertheless, this work constitutes an effort which should be regarded as an attempt to spark interest to study the local spider fauna.

Checklist on the new records and the available species for Peninsular Malaysia examined in the RMBR, NUS. It should be noted that the primary references for each species are as indicated in Table 1, where Murphy & Murphy (2000), Platnick (2006) and Song et. al.(2002) are cited. Remarks for new records are given in Table 2.

ARANEIDAE Simon, 1895

Anepision depressum (Thorell, 1877)

4 females, 1 male, Juara track, Pulau Tioman, Pahang, det. D.X. Song, coll. D. Q. Li, 24 Jun.1999.

Cyclosa bifida (Doleschall, 1859)

3 females, ZRC.ARA.82, Juara track, Pulau Tioman, Pahang, det. D.X. Song, coll. D. Li, 24 Jun.1999.

C. insulana (Costa, 1834), new record

1 female, 1 male, ZRC.1994.66-67, garden in Genting, Pahang, coll. J.A and F. Murphy, 1-15 Feb.1988.

Cyrtophora moluccensis (Doleschall, 1857), new record

1 male, ZRC.ARA.90, Paya mangrove, Pulau Tioman, det. D.X. Song, coll. D. Li, 26 Jun.1999.

Gea spinipes C. L. Koch, 1843

1 female, ZRC.ARA.130, Genting, coll. J.A and F. Murphy, 1-15 Feb.1988.

CLUBIONIDAE Wagner, 1887

Clubiona meraukensis Chrysanthus, 1967, new record

1 female, ZRC.ARA.64, Paya mangrove, Pulau Tioman, det. D.X. Song, coll. D.Q. Li, 26 Jun.1990.

CORINNIDAE Karsch, 1880

Oedignatha mogamoga Marples, 1995

1 male, 2 females, loop trail near Sg. Kanchin, pitfall, Rompin, Pahang, det. Murphy, 20 Jul.1990.

LIOCRANIDAE Simon, 1897

Teutamus politus Thorell, 1890

1 female, pitfall, loop trail near Sg. Kinchin, Rompin, Pahang, det. Murphy, 20 June 1990.

Table 1. The spider species list belonging to Peninsular Malaysia (PM) / Malaysia (MAL) and other country distributions compiled from references as indicated in columns 2 and 3. Other countries where abbreviated are as follows: AU=Australia, BO=Borneo, CB=Cambodia, CH=China, HK=Hong Kong, IND=India, Indon=Indonesia, JA=Java, JP=Japan, MY=Myanmar, NG=New Guinea, PH=Philippines, PK=Pakistan, SB=Sabah, SL=Sri Lanka, SP=Singapore, SR=Sarawak, SU=Sumatra, SUL=Sulawesi, TL=Thailand, TW=Taiwan, VN=Vietnam.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
LIPHISTIIDAE			
<i>Liphistius batuensis</i> Abraham, 1923	Bcaves	MAL	
<i>L. desultor</i> Schiodte, 1849	Penang	MAL	
<i>L. endau</i> Sedgwick, Platnick, 1987	Endau	MAL	
<i>L. johore</i> Platnick, Sedgwick, 1984	Johore	MAL	
<i>L. kanthan</i> Platnick, 1977	–	MAL	
<i>L. laruticus</i> Schwendinger, 1977	–	MAL	
<i>L. langkawi</i> Platnick, Sedgwick, 1984	Langkawi	MAL	
<i>L. malayanus</i> Abraham, 1923	Gunong Angsi	MAL	
<i>L. m. cameroni</i> Haupt, 1983	CHighlands	MAL	
<i>L. murphyorum</i> Platnick, Sedgwick, 1984	Penang	MAL	
<i>L. panching</i> Platnick, Sedgwick, 1984	Gua Panching	MAL	
<i>L. rufipes</i> Schwendinger, 1995	PM	MAL	
<i>L. tempurung</i> Platnick, 1997	–	MAL	
<i>L. tioman</i> Platnick, Sedgwick, 1984	Tioman	MAL	
<i>L. yangae</i> Platnick, Sedgwick, 1984	Perlis	MAL	
FAMILY: BARYCHELIDAE			
<i>Idiactis littoralis</i> Abraham, 1924	PM, S-Kranji river	SP	MAL, SP
<i>Rhianodes atratus</i> (Thorell, 1890)	Penang	MAL	
<i>Sipalolasma aedificatrix</i> Abraham, 1924	PM, SP	MAL	MAL, PH, SP
<i>S. ophiriensis</i> Abraham, 1924	Johore, Mt Ophir	MAL	MAL, SP
FAMILY: CTENIZIDAE			
<i>Latouchia batuensis</i> Roewer, 1962	Batu Caves	MAL	
FAMILY: HEXATHELIDAE			
<i>Macrothele segmentata</i> Simon, 1892	Penang	MAL	
FAMILY: NEMISIIDAE			
<i>Damarchus cavernicola</i> Abraham, 1924	Bcaves	MAL	
<i>D. montanus</i> (Thorell, 1890)	PM	SU	
<i>D. workmani</i> Thorell, 1891	PM, SP	SP	MAL, SP
FAMILY: THERAPHOSIDAE			
<i>Chilobrachys andersoni</i> (Pocock, 1895)	PM	MAL	
<i>Coremiocnemis cunicularia</i> (Simon, 1892)	Penang	MAL	
<i>C. valida</i> Pocock, 1895 *	Penang, SP	syn. <i>C. validus</i> Smith, 1987	MAL, SP
<i>Cyriopagopus schioedtei</i> (Thorell, 1891)	Penang	MAL	
<i>C. thorelli</i> (Simon, 1901)	Perak	MAL	
<i>Haplopelma doriae</i> (Thorell, 1890)	PM, SR	BO	
<i>H. minax</i> (Thorell, 1897)	PM	MY, TL	
<i>H. salangensis</i> (Strand, 1907)	Malacca	MAL	
<i>Lampipelma violaceopes</i> Abraham, 1924	Penang, SP	MAL	MAL, SP
<i>Lyrognathus liewi</i> West, 1991	Cameron Highlands	MAL	
<i>L. robustus</i> Smith, 1988	Cameron Highlands	MAL	

Table 1. Continued.

Species List	Murphy & Murphy (2000)	Country Distributions From Sources	
		N. Platnick (2006)	Song et al. (2002)
<i>Phlogiellus inermis</i> (Aussere, 1871)	PM, SP	MAL	MAL, SP
<i>Poecilotheria striata</i> Pocock, 1895	Penang	IND	
<i>Selenocosmia javanensis</i> (Walckenaer, 1837)	PM, SP	MAL	MAL, Indon, SP
<i>S. tahanensis</i> Abraham, 1924	Gunung Tahan	MAL	
FAMILY: ANAPIDAE			
<i>Crassignatha haeneli</i> Wunderlich, 1995	Frasers Hill	–	
<i>Pseudanapis parocula</i> (Simon, 1899)	PM	MAL	
FAMILY: ARANEIDAE			
<i>Actinacantha globulata</i> (Walckenaer, 1842)	PM, JA, SU	SU, JA	
<i>Acusilas coccineus</i> Simon, 1895	JA, SC, SP, TW		MAL, Indon, SP
<i>A. gentingensis</i> Murphy & Murphy, 1983	–	MAL	
<i>A. malaccensis</i> Murphy & Murphy, 1983	–	MAL, SU	
<i>Anepision depressum</i> (Thorell, 1877)	PM, MY, SC, SP, SU, TW	CH, MY to SUL	Tioman, Indon, MY, SP
<i>A. fuscolumbatum</i> (Simon, 1901)	–	MAL	
<i>Arachnura melanura</i> Simon, 1867	PM, CH, IND, JA, SU, TW	IND, JP, SUL	
<i>Araneus papulatus</i> (Thorell, 1887)	PM, MY	MAL	
<i>A. virgunculus</i> (Thorell, 1890)	PM, SU	SU	
<i>A. reinwardti</i> (Doleschall, 1859)	all?	MAL to NG	
<i>Argiope aemula</i> (Walckenaer, 1842)	SUL, probably all	Indon to PH	MAL, Indon, PH, SP, TL, VN
<i>Cyclosa bifida</i> (Doleschall, 1859)	Indon, all	Indon to PH, NG	Tioman, Indon, MY, SP, VN
<i>C. camelodes</i> (Thorell, 1878)	PM	NG	
<i>C. confraga</i> (Thorell, 1892)	PM, SP, VN	MAL, IND	
<i>C. mulmeinensis</i> (Thorell, 1887)***	all?	Africa to JP, PH	SP, PH
<i>Cyrtarachne conica</i> O.P.-Cambridge, 1901	–	MAL	SP
<i>Cyrtophora beccarii</i> (Thorell, 1878)	–	MAL to NG	MAL, Indon, SP
<i>C. eczematica</i> (Thorell, 1892)	PM, JA, MY, SP	MAL, JA, NG, SUL	SP, Indon
<i>Gasteracantha arcuata</i> (Fabricius, 1793)	all?		MAL, Indon, MY, SP, TL
<i>G. audouini</i> Guerin, 1838	PM, BO, PH, SU	PH, SU, Timor	
<i>G. cuspidata</i> Koch, CL, 1837	PM, JA	MAL, JA, Nicobar Is	
<i>G. diardi</i> (Lucas, 1835)	PM, CH, JA, SU, TL	MAL, CH, TL	MAL, Indon, SP, TL
<i>G. doriae</i> Simon, 1877	SR, BO, SP, SU		MAL, Indon, SP
<i>G. hesselti</i> C. L. Koch, 1837	JA, probably all	IND, CH to Moluccas	MAL, Indon, MY, SP
<i>G. fornicata</i> (Fabricius, 1775)	PM, AU, BO, JA, SU	Quensland	
<i>G. geminata</i> (Fabricius, 1798)	PM, MY	IND, SUL	
<i>G. mengei</i> Keyserling, 1864	PM, BO, SP, SU	MAL, BO, SUL	
<i>Gea spinipes</i> C. L. Koch, 1843	E. Indies, probably all	IND, CH, TW, Borneo	MAL, Indon, MY, SP, VN
<i>G. spinipes nigrifrons</i> Simon, 1901	–	MAL	
<i>G. subramata</i> Thorell, 1890	SR, all	IND, PH, NG	MAL, MY, SP, PH
<i>Mangora hemicraera</i> (Thorell, 1890)	Penang	MAL	
<i>Milonia albula</i> O. P.-Cambridge, 1899	PM, SP-Botanic G	SP	MAL, SP
<i>Neogea egregia</i> (Kulczynski, 1911)	PM, MY, SP	NG	MAL, MY, SP
<i>N. nocticolor</i> (Thorell, 1887)	PM, MY, SP	IND to SU	SB, Indon, SP
<i>Ordgarius sexspinus</i> (Thorell, 1894)	PM, MY, SP	IND to JP, Indon	MAL, MY, SP
<i>Perilla teres</i> Thorell, 1895	–	MAL, MY, VN	

Table 1. Continued.

Species List	Murphy & Murphy (2000)	Country Distributions From Sources	
		N. Platnick (2006)	Song et al. (2002)
<i>Pitharatus junghuhni</i> (Doleschall, 1859)	–	MAL, JA, SUL	
<i>Poltys apiculatus</i> Thorell, 1898	PM, SP	SP	MAL, SP
<i>P. dubius</i> (Walckenaer, 1842)	PM, JA, SU	VN	
<i>P. illepidus</i> C. L. Koch, 1843	SP, all?	Indon to PH, AU	MAL, Indon, SP, PH
<i>Pronous affinis</i> Simon, 1901	–	MAL	
<i>Thelacantha brevispina</i> (Doleschall, 1857)	all?	AU, IND to PH, Madagascar	MAL, Indon, MY, SP, PH
<i>Zygiella calyptrata</i> (Thorell, 1895)	PM, CH, MY, SP	–	
<i>Z. calyptrata</i> (Workman & Workman, 1894)	–	MAL, CH, MY	MAL, MY, SP
FAMILY: CLUBIONIDAE			
<i>Clubiona damirkovaci</i> Deeleman-Reinhold, 2001	–	MAL	
<i>Malamatidia vethi</i> Deeleman-Reinhold, 2001	–	MAL, BO	
<i>Matidia trinotata</i> Thorell, 1890	Penang SP	MAL	MAL, SP
<i>Nusatidia aeria</i> (Simon, 1897)	PM, PH	MAL	
<i>Pristidia prima</i> Deeleman-Reinhold, 2001	–	MAL, JA, SU	
<i>Pteroneta saltans</i> Deeleman-Reinhold, 2001	–	MAL, BO, SUL, Sunda Is	
FAMILY: CORINNIDAE			
<i>Castoponera ciliata</i> (Deeleman-Reinhold, 1993)	PM, SU	MAL	
<i>Corinnomma harmandi</i> Simon, 1886	PM, MY, SP, TL	IND to CH, PH, SUL	
<i>C. severum</i> (Thorell, 1877)	–	MAL	MAL, CB, Indon, MY, PH, SP, TL
<i>Oedignatha mogamoga</i> Marples, 1995	–	MAL, BO	
<i>O. scrobiculata</i> Thorell, 1881	Penang, JA, SP	IND, TW to PH	MAL, Indon, SP
<i>Pranburia mehannopi</i> Deeleman-Reinhold, 1993	–	MAL, CB, TL	
FAMILY: CRYPTOTHELIDAE			
<i>Cryptothele sundaica</i> Thorell, 1890	Penang, JA, SP, SU	JA, SP, SUL	MAL, Indon, SP
<i>Acantheis longiventris</i> Simon, 1897	–	MAL, Indon	
<i>A. oreus</i> (Simon, 1901)	–	MAL	
FAMILY: CTENIDAE			
<i>Ctenus corniger</i> F. O. P.-Cambridge, 1898	PM, SP	S.Africa	MAL, SP
<i>C. floweri</i> F. O. P.-Cambridge, 1897	Penang	MAL	
<i>C. fungifer</i> Thorell, 1890	Penang	MAL	
<i>C. valvularis</i> (Hasselt, 1882)	PM, JA, SU	JA, SU	
FAMILY: DEINOPIDAE			
<i>Deinopis kollari</i> Doleschall, 1859	PM, MY	MAL, MY	
FAMILY: DESIDAE			
<i>Badumna exilis</i> Thorell, 1890	PM, JA	JA	
<i>B. hirsuta</i> Thorell, 1890	PM, JA	JA	
<i>Desis martensi</i> C. L. Koch, 1872	PM, SP	MAL	MAL, SP
FAMILY: DICTYNIDAE			
<i>Penangodyna tibialis</i> Wunderlich, 1995	Penang	MAL	

Table 1. Continued.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
FAMILY: GNAPHOSIDAE			
<i>Drassodes brachythelis</i> (Thorell, 1890)	PM, SU	SU	
<i>D. russulus</i> (Thorell, 1890)	PM, JA	JA	
FAMILY: HERSILIDAE			
<i>Hersilia sumatrana</i> (Thorell, 1890)	PM, BO, SU	MAL, BO, IND, SU	
FAMILY: SPARASSIDAE			
<i>Gnathopalystes crucifer</i> (Simon, 1880)	PM, JA	MAL to JA	
<i>G. kochi</i> (Simon, 1880)	PM, JA, MY, SP, SU	MAL, BO, IND, JA, MY, SU	MAL, Indon, MY, SP
<i>Heteropoda boiei</i> (Doleschall, 1859)		MAL, JA, SU	
<i>H. furva</i> Thorell, 1890	Penang	MAL	
<i>H. imbecilla</i> Thorell, 1892	–	MAL, SU	
<i>H. leprosa</i> Simon, 1884	MY, PM	MAL, IND, MY	
<i>H. nebulosa</i> Thorell, 1890	Penang	MAL	
<i>H. parva</i> Jager, 2000		MAL	
<i>H. sexpunctata</i> Simon, 1885	MY, PM	MAL, IND	
<i>Olios annandalei</i> (Simon, 1901)	–	MAL	
<i>O. cursor</i> (Thorell, 1894)	PM, SP	MAL	MAL, SP
<i>Pandercetes malleator</i> Thorell, 1890	Penang		
<i>Rhitymna pinangensis</i> (Thorell, 1891)	Penang	MAL	
<i>R. xanthopus</i> Simon, 1901	Kelantan	MAL	
<i>Sinopoda micropthalmus</i> (Fage, 1929)	B Caves	MAL	
<i>Spariolenus tigris</i> Simon, 1880	India, PM	MAL, IND, PK	
<i>Stasina planithorax</i> Simon, 1897	–	MAL	
<i>Thecticopis goramensis</i> (Thorell, 1881)	PM, NG	MAL	
<i>T. modesta</i> Thorell, 1890	Penang, SP	MAL	MAL, SP
<i>T. pennata</i> (Simon, 1901)	Kelantan	MAL	
FAMILY: LINYPHIIDAE			
<i>Batueta voluta</i> Locket, 1982	–	MAL	MAL, SP
<i>Ceratinopsis blesti</i> Locket, 1982	Batu Caves area, TL	MAL	MAL, SP
<i>C. orientalis</i> Locket, 1982	Frasers Hill	MAL	
<i>Erigone bifurcata</i> Locket, 1982	Frasers Hill, JA, PH	MAL, PH, Karakatau	
<i>Johorea decorata</i> Locket, 1982	–	MAL	MAL, SP
<i>Kaestneria minima</i> Locket, 1982	Batu caves	MAL	
<i>Knischatiria tuberosa</i> Wunderlich, 1995	Cameron Highlands	MAL	
<i>Kuala versa</i> Locket, 1982	Frasers Hill	MAL	
<i>Nasoona chrysanthusi</i> Locket, 1982	Frasers Hill, SP	MAL	MAL, SP
<i>N. prominula</i> Locket, 1982	Batu Caves area, TL	MAL	
<i>Nematogmus dentimanus</i> Simon, 1886	PM, JA, TL	MAL to SL, JA	
<i>Neriere macella</i> (Thorell, 1898)	PM, SB, MY, TL	MAL, CH, TL, MY	
<i>Parameioneta spicata</i> Locket, 1982	Frasers Hill, PH	MAL	
<i>Plectembolus triflectus</i> Millidge, R-Smith, 1992	Kuala Lumpur	MAL	
<i>Pseudomicrocentria simplex</i> Locket, 1982	–	MAL	MAL, SP
<i>Tapinopa vara</i> Locket, 1982	Frasers Hill	MAL	
<i>Theoa tricaudata</i> (Locket, 1982)	Batu Caves area	MAL, Seychelles	

Table 1. Continued.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
FAMILY: LIOCRANIDAE			
<i>Sesieutes emanapatus</i> Deeleman-Reinhold, 200	1	–	MAL
<i>Sphingius thecatus</i> Thorell, 1890	Penang	MAL	
<i>Teutamus politus</i> Thorell, 1890	Penang	MAL, TL	
FAMILY: LYCOSIDAE			
<i>Lysania pygmaea</i> Thorell, 1890	Penang	MAL	
<i>Pardosa heterophthalmus</i> (Simon, 1898)	PM, JA, SU	IND to JA	
<i>P. irretita</i> Simon, 1886	PM, BO, TL	MAL, BO, JA	
<i>P. laidlawi</i> Simon, 1901	Perak	MAL	
<i>P. pinangensis</i> (Thorell, 1890)	Penang, SU	MAL, SU	
<i>P. pusiola</i> (Thorell, 1891)	PM, SR, JA, MY, AU	IND to CH, JA	
<i>P. rabulana</i> (Thorell, 1890)	PM, JA, SP, SU	MAL, JA, SU	MAL, Indon, SP
<i>P. semicana</i> Simon 1885	Malacca	MAL, CH, SL	
<i>Passiena spinicrus</i> Thorell, 1890	Penang, HK, SU	MAL, BO	
<i>Venonia coruscans</i> Thorell, 1894	SP		MAL, SP, TL
<i>Zoica parvula</i> (Thorell, 1895)	PM, MY, TL	MAL, TL, MY, SL	
FAMILY: MIMETIDAE			
<i>Mimetus margaritifera</i> Simon, 1901	Kelantan	MAL	
FAMILY: MYSMENIDAE			
<i>Crassignatna haeneli</i> Wunderlich, 1995	Frasers Hill	MAL	
FAMILY: NEPHILIDAE			
<i>Herennia ornatissima</i> (Doleschall, 1859) *	SB, Indon, all	syn. <i>H. multipuncta</i> (Doleschall, 1859)	MAL, MY, SP, TL, VT
<i>Nephila pilipes</i> (Fabricius, 1793) *	all?	syn <i>N. maculata</i> Roewer, 1942	SP, MY, PH
<i>Nephilengys malabarensis</i> (Walckenaer, 1842) *	Genting & Kinabalu Park-SB	syn <i>N. andamanensis</i> (Tikader, 1977)	Indon, MY, SP, TL
FAMILY: NESTICIDAE			
<i>Nesticella connectens</i> Wunderlich, 1995	Cameron Highlands	MAL	
FAMILY: OCHYROCERATIDAE			
<i>Merizocera crinata</i> (Fage, 1929)	Batu Caves area	MAL	
<i>Speocera stellafera</i> Deeleman-Reinhold, 1995	Kuala Lumpur, TL	MAL, TL	
FAMILY: OONOPIDAE			
<i>Gamasomorpha maschwitz</i> Wunderlich, 1995	Kuala Lumpur	MAL	
<i>Xyphinus xelo</i> Deeleman-Reinhold, 1987	Kuala Lumpur	MAL	
FAMILY: OXYOPIDAE			
<i>Oxyopes birmanicus</i> Thorell, 1887	PM, MY, SC, SP, SU	CH to SU, IND	Tioman, Indon, MY, SP
<i>O. gemellus</i> Thorell 1891	PM	MAL, Nicobar Is	
<i>O. imbellis</i> Thorell 1890	Penang	MAL	
<i>O. javanus</i> Thorell, 1887	SP, probably all	IN, CH to JA, PH	MAL, MY, SP, TL
<i>O. keyserlingi</i> Thorell, 1881	PM, NG	NG	
<i>O. lineatipes</i> (C. L. Koch, 1847)	SP, all?	CH to PH, JA, SU	MAL, MY, SP, TL
<i>O. patalongsensis</i> Simon, 1901		MAL	

Table 1. Continued.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
FAMILY: PALPIMANIDAE			
<i>Boagrius pumilus</i> Simon, 1893	MAL, SU	MAL, Indon, SP	
<i>Sarascelis raffrayi</i> Simon, 1893	MAL, IND	MAL, SP	
FAMILY: PHOLCIDAE			
<i>Belisana bohorok</i> Huber, 2005		MAL, BO, SU	
<i>B. fraser</i> Huber, 2005		MAL	
<i>B. leuser</i> Huber, 2005		MAL, BO, TL, SU	
<i>B. nomis</i> Huber, 2005		MAL, SP	
<i>B. sandakan</i> Huber, 2005		MAL, BO, SU	
<i>B. strinatii</i> Huber, 2005		MAL	
<i>Calapnita phyllicola</i> Deeleman-Reinhold, 1986	PM, KM, SU	MAL, BO, SU	
<i>C. vermiformis</i> Simon, 1892	PM, JA, PH, SU	MAL to SUL	
<i>Holocneminus multiguttatus</i> (Simon, 1905)	all	MAL to SL, SUL	
<i>Mystes oonopiformis</i> Bristowe, 1938	Parit Buntar	MAL	
<i>Pholcus diopsis</i> Simon, 1901	–	MAL	
<i>P. vesculus</i> Simon 1901	Perak	MAL	
<i>Physocyclus globus</i> (Taczanowski, 1873)	PM, SP, VN	Cosmopolitan	Cosmopolitan
<i>Savarna tessellata</i> (Simon, 1901)	–	MAL	
<i>Spermophora miser</i> Bristowe, 1952	Batu Caves	MAL	
<i>Uthina atrigularis</i> Simon, 1901	PM, SP	SP	MAL
FAMILY: PISAURIDAE			
<i>Denrolycosa fusca</i> Doleschall, 1859	PM, JA	JA	
<i>Dolomedes femoralis</i> Hasselt, 1882	PM, SU	SU	
<i>D. poroculus</i> Simon, 1901	–	MAL	
<i>Eurychoera quadrimaculata</i> Thorell, 1897	PM, SP		MAL, SP
<i>Hygropoda longimana</i> (Stoliczka, 1869)	PM, India	MAL, IND	
<i>H. prognatha</i> Thorell, 1894	PM, SP	SP	MAL, SP
<i>Polyboea vulpina</i> Thorell, 1895	PM, MY, SP	MAL, MY, SP, TL	MAL, MY, SP
FAMILY: PSECHRIDAE			
<i>Fecenia macilenta</i> (Simon, 1885)	Malacca, SP?	MAL	
<i>Psechrus argentatus</i> (Doleschall, 1857)	PM, SB, SP	MAL to Queensland	MAL, SP
<i>P. singaporensis</i> Thorell, 1894	PM, JA, SP, SU	MAL, CH, JA, SU	MAL, Indon, SP
<i>P. torvus</i> O.P.-Cambridge, 1869	PM, SL or IND, SP, TW?	C, IND, TW, SL	
FAMILY: SALTICIDAE			
<i>Agorius constrictus</i> Simon 1901	PM, SP	SP	MAL, SP
<i>A. graculipes</i> Thorell, 1877	PM, SUL	SUL	
<i>Anarrhotus fossulatus</i> Simon, 1902	PM, SP	MAL	MAL, SP
<i>Asemonea pinangensis</i> Wanless, 1980	Penang	MAL	
<i>Augustaea formicaria</i> Szombathy, 1915	PM, SP	SP	
<i>Bathippus pahang</i> Zhang, Song & Li, 2003	–	MAL (Endau, Pahang)	
<i>B. schalleri</i> Simon 1902	Penang		
<i>Bavia aericeps</i> Simon, 1877	PM, PH, SP, SU	MAL to AU	MAL, PH, SP
<i>B. capistrata</i> (C. L. Koch, 1846)	–	MAL	

Table 1. Continued.

Species List	Murphy & Murphy (2000)	Country Distributions From Sources	
		N. Platnick (2006)	Song et al. (2002)
<i>B. sexpunctata</i> (Doleschall, 1859)	JA, SP, SU		MAL, Indon, SP
<i>Bianor diversipes</i> Simon 1901	Kelantan	MAL	
<i>Bristowia heterospina</i> Reimoser, 1934	PM, SC, SP, VN	IND, JP	MAL, SP, VN
<i>Canama forceps</i> (Doleschall, 1859)	PM, JA	NG	
<i>C. lacerans</i> (Thorell, 1881)	–	MAL	
<i>Capocrossa politiventris</i> Simon, 1901	Perak	MAL	
<i>Carrhotus coronatus</i> (Simon, 1885)	PM, JA, MY, SU, SC, VN	CH, VN to JA	
<i>C. malayanus</i> Proszynski 1992	Kuala Lumpur	MAL	
<i>C. sannio</i> (Thorell, 1877)	PM, JA, MY, SC, SU, VN	IND to SUL	
<i>C. viduus</i> (C. L. Koch, 1846)	PM, JA, MY, SC, SP, SU	IND to CH, JA	MAL, Indon, MY, SP
<i>Chrysilla delicata</i> Thorell, 1892	PM, MY, SC, SU	MY	
<i>C. doriai</i> Thorell, 1890	PM, SU	SU	
<i>Colyttus bilineatus</i> Thorell, 1891	Penang, SU	SU, Moluccas	
<i>Cosmophasis thalassina</i> (C. L. Koch, 1846)	PM, JA, SU	MAL to AU	MAL, Indon, SP
<i>C. umbratica</i> Simon, 1903	PM, SP, SU	IND to SU	
<i>C. viridifasciata</i> (Doleschall, 1859)	PM, JA, SU	SU to NG	
<i>Cytaea sinuata</i> (Doleschall, 1859)	PM, Indon, PH, SU	PH to AU	
<i>Diplocanthopoda marina</i> Abraham, 1925	Port Dickson	MAL	
<i>D. plocanthopoda</i> (Thorell, 1881)	–	MAL to NG	
<i>Echeclus concinnus</i> Thorell, 1890	Penang	MAL	
<i>Emathis coprea</i> (Thorell, 1890)	PM, SU	SU	
<i>Epocilla aurantiaca</i> (Simon, 1885)	PM, IND, MY	MAL, IND	
<i>E. praetextata</i> Thorell, 1887	PM, JA, MY, SP, SU	MY to JA	MAL, Indon, MY, SP
<i>Euophrys kulczynskii</i> Thorell, 1890	Penang	–	
<i>Evarcha flavocincta</i> (C. L. Koch, 1846)	PM, Indon, JA, SC, SP, VN	CH to JA	MAL, Indon, SP, VN
<i>Gelotia syringopalpis</i> Wanless, 1984	Kuala Lumpur, SR, SC, SP	MAL, BO, CH	MAL, SP
<i>Harmochirus brachiatus</i> (Thorell, 1877)	SU, probably all	Bhutan to TW, IND, Indon	MAL, MY, SP
<i>Hasarius adansonii</i> (Audouin, 1826)	all?	Cosmopolitan	MAL, SP
<i>Hyllus diardi</i> (Walckenaer, 1837)	all?	MY, CH to JA	MAL, Indon, MY, SP, TL, VN
<i>H. janthinus</i> (C. L. Koch, 1846)	PM, JA, MY, SU	MY to JA	
<i>H. lacertosus</i> (C. L. Koch, 1846)	PM, JA, SP, SU, VN	VN to JA	MAL, Indon, SP, VN
<i>H. pudicus</i> Thorell, 1895	PM, MY	IND to MY	
<i>Icius glaucochirus</i> (Thorell, 1890)	PM, SU	SU	
<i>Idastrandia orientalis</i> (Szombathy, 1915)	PM, SP	MAL	Indon, SP, VN
<i>Irura pygaea</i> (Thorell, 1891)	Penang	MAL	
<i>Laufeia perakensis</i> (Simon, 1901)	Perak, JA	MAL to JA	
<i>Leikung kinabaluensis</i> Benjamin, 2004		MAL, BO	
<i>L. porosa</i> (Wanless, 1978)	Fraser's Hill	MAL, SU	
<i>Ligurra aheneola</i> (Simon, 1885)		MAL	
<i>L. latidens</i> (Doleschall, 1859)	PM to PH, JA	MAL to IND	PH, SP
<i>Mantius russatus</i> Thorell, 1891	Penang	MAL	
<i>Marpissa elata</i> Thorell 1881	PM, NG	–	
<i>Mintonia silvicola</i> Wanless, 1987	Taman Negara	MAL	
<i>Myrmarachne albicururata</i> Badcock, 1918 *	PM, TL	syn <i>M. ramosa</i> Badcock 1918	
<i>M. annandalei</i> Simon, 1901	Kelantan	MAL	

Table 1. Continued.

Species List	Murphy & Murphy (2000)	Country Distributions From Sources	
		N. Platnick (2006)	Song et al. (2002)
<i>M. aureonigra</i> Edmunds & Prosyn'ski, 2003		MAL, SP	
<i>M. biseratensis</i> Badcock, 1918		MAL	
<i>M. clavigera</i> (Thorell, 1877)	PM, SUL	SU	
<i>M. cornuta</i> Badcock, 1918	PM-Bukit Besar	MAL, SP	
<i>M. cuneata</i> Badcock, 1918	Bukit Besar, Talun, Ged	MAL	
<i>M. gedongensis</i> Badcock, 1918	PM-Gedong, B Besar		
<i>M.grossa</i> Edmunds & Prosyn'ski, 2003		MAL	
<i>M. hirsutipalpi</i> Edmunds & Prosyn'ski, 2003		MAL	
<i>M. hispidacoxa</i> Edmunds & Prosyn'ski, 2003		MAL	
<i>M. kochi</i> Reimoser, 1925		MAL, SU, Indon	
<i>M. malayana</i> Edmunds & Prosyn'ski, 2003		MAL	
<i>M. manducator</i> (Westwood, 1841)		MAL, IND, MY, SU	MAL, Indon, MY, SP
<i>M. maxillosa</i> (Koch CL, 1846)	PM, JA, MY, SC, SP, SU	MY to CH, PH, SUL	MAL, Indon, MY, PH, SP
<i>M. wanlessi</i> Edmunds & Prosyn'ski, 2003		MAL	
<i>M. turriiformis</i> Badcock, 1918	PM-Bukit Besar, Talum	MAL	
<i>Neobrettus sumatranus</i> Logunov, 1998		MAL, Indon, NG	
<i>N. tibialis</i> (Proszynski, 1978)	PM, Bhutan	MAL, BO	
<i>Orsima ichneumon</i> (Simon, 1901)	PM, SR, SU	MAL, BO, SU	
<i>Pancorius protervus</i> (Simon, 1902)		MAL	MAL, SP
<i>Pany sinus nitens</i> Simon, 1901	PM, SU	MAL, SU	
<i>Paracyrba wanlessi</i> Zabka, Kovac, 1996	Selangor	MAL	
<i>Phaeacius malayensis</i> Wanless, 1981	PM, SP, SU	MAL, SP, SU	MAL, Indon, SP
<i>Phidippus severus</i> (Thorell, 1891)	Penang	–	
<i>P. suavis</i> (Simon, 1885)	PM, SC, VN	Nepal to MAL	
<i>Phintella versicolor</i> (C. L. Koch, 1846)	all?	CH, Korea, Hawaii, JP, SU, TW	MAL, Indon, MY, SP, VN
<i>P. vittata</i> (C. L. Koch, 1846)	all?	Indon to PH	MAL, Indon, PH, SP, VN
<i>Plexippus malayensis</i> Simon, 1864	Malacca	nomina dubia*	
<i>Portia assamensis</i> Wanless, 1978	PM, Assam, MY	IND to MAL	
<i>P. carassipalpis</i> Peckham, Peckham, 1907	PM, Kucing, SP, SR	BO, SP	MAL, Indon, SP
<i>P. labiata</i> (Thorell, 1887)	MY, all?	SL to PH	MAL, Indon, MY, PH, SP, TL
<i>Pseudamycus albomaculatus</i> (Hasselt, 1882)	PM, JA, SU	MAL to JA	
<i>Pseudicius decemnotatus</i> Simon 1885	PM, SP	SP	MAL, SP
<i>P. maureri</i> Proszynski, 1992	Batu Caves	MAL	
<i>Pystira ephippigera</i> (Simon, 1885)	PM, BO, SP, SU	SU	
<i>Rhene albiger</i> (C. L. Koch, 1848)	PM, Indon, SC, SU	IND to Korea, SU	
<i>R. bufo</i> (Doleschall, 1859)	PM, Indon, MY, SU	MY to SU	
<i>R. flavigera</i> (C. L. Koch, 1848)	PM, SB, SC, SP, SU, VN	CH, VN, SU	
<i>R. hirsuta</i> (Thorell, 1877)	PM, Indon, SUL	SUL	
<i>R. nigrita</i> (C. L. Koch, 1846)	PM, SU, Indon	Indon	
<i>R. rubrigera</i> (Thorell, 1887)	PM, MY, SC, SU, VN	IND to CH, SU, Hawaii	
<i>Siler pulcher</i> Simon, 1901	Kelantan	MAL	

Table 1. Continued.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
<i>Sparbambus gombakensis</i> (Zhang, Woon & Li)	****		
<i>Spartaeus spinimanus</i> (Thorell, 1878)	PM, SR, JA, SP, SU	SL to BO	MAL, Indon, SP
<i>S. wildtracki</i> Wanless, 1987	Taman Negara	MAL	
<i>Stagetillus semiostrinus</i> (Simon, 1901)		MAL	
<i>Taraxella hillyardi</i> Wanless, 1987	PM-Gunung Jerai	MAL	
<i>Telemonia festiva</i> Thorell, 1887	MY, all?	MY to JA	MAL, Indon, MY, SP, VN
<i>T. luteocincta</i> (Thorell, 1891)		MAL	
<i>Thiania bhamoensis</i> Thorell, 1887	MY, all?	MY to SU	MAL, MY, SP
<i>T. pulcherrima</i> C. L. Koch, 1846	PM, IC, JA, SU	MAL, SL, SUL, VN	
<i>T. sinuata</i> Thorell, 1890	Penang	MAL	
<i>T. subserena</i> Simon, 1901	Perak	MAL	
<i>Thorelliola ensifera</i> (Thorell, 1877)	SUL, all	MAL to SUL, Hawaii	Indon, SP, South Pacific Is.
FAMILY: SCYTODIDAE			
<i>Scytodes cavernarum</i> Roewer, 1962	Batu Caves	MAL	
<i>S. magna</i> Bristowe, 1952	Batu Caves	MAL	
<i>S. pallida</i> Doleschall, 1859 *	Genting & Frasers, Indon, SP	syn. <i>S. pallidus</i> Wang, 1994	Indon, SP, PH
<i>Stedocys leopoldi</i> (Giltay, 1935)	Frasers Hill	MAL	
FAMILY: SELENOPIIDAE			
<i>Selenops aculeatus</i> Simon, 1901	Perak	MAL	
FAMILY: STENOCHILIDAE			
<i>Colopea malayana</i> Lehtinen, 1982	PM, SP, TL	MAL, SP, TL	MAL, SP, TL
<i>C. pusilla</i> (Simon, 1893)	PM, PH, SP	MAL, PH	MAL, PH, SP
FAMILY: SYMPHYTOGNATHIDAE			
<i>Anapistula jerai</i> Harvey 1998		MAL, BO, Kalimantan	
FAMILY: TELEMIDAE			
<i>Apneumonella jacobsoni</i> Brignoli, 1977	PM, SU	MAL, SU	
FAMILY: TETRABLEMMIDAE			
<i>Ablemma gombakense</i> Wunderlich, 1995	Kuala Lumpur	MAL	
<i>Brignoliella michaeli</i> Lehtinen, 1981	Penang	MAL	MAL, SP
<i>Lamania kraui</i> (Shear, 1978)	Pahang-Krau Reserve	MAL	
<i>Paculla cameronensis</i> Shear, 1978	Cameron Highlands	MAL	
<i>P. negara</i> Shear, 1978	Taman Negara	MAL	
<i>P. sulaimani</i> Lehtinen, 1981	Taman Negara	MAL	
<i>Pahanga centenialis</i> Lehtinen, 1981	Kuala Lumpur	MAL	
<i>P. dura</i> Shear, 1979	Frasers Hill	MAL	
<i>Perania cerastes</i> Schwendinger, 1994	Maxwell Hill 1200m	MAL	
<i>P. coryne</i> Schwendinger, 1994	Cameron Highlands	MAL	
<i>Sulaimania vigelandi</i> Lehtinen, 1981	PM-Kota Tinggi	MAL	
FAMILY: TETRAGNATHIDAE			
<i>Leucauge argentina</i> (Hasselt, 1882)	PH, SP, SU		MAL, Indon, SP, PH
<i>L. argentina nigriceps</i> Thorell, 1890	Penang	MAL	MAL, Indon, PH, SP
<i>L. celebesiana</i> (Walckenaer, 1841)	PM, PH, SC, SP, SU	IND to CH, JP, NG, SUL	Indon, SP
<i>L. granulata</i> (Walckenaer, 1841)	JA, PM, SU	Sunda Is to AU	
<i>L. quadrifasciata</i> (Thorell, 1890)	PM, SU	MAL, Nias IS	
<i>L. tessellata</i> (Thorell, 1887) *	PM, MY, VN	syn. <i>L. lygisma</i> Wang, 1991	

Table 1. Continued.

Species List	Country Distributions From Sources		
	Murphy & Murphy (2000)	N. Platnick (2006)	Song et al. (2002)
<i>Mesida gemmea</i> (Hasselt, 1882)	PM, JA, MY, SP, SU	MY to JA, TW	MAL, Indon, MY, SP
<i>Opadometa grata</i> (Guerin, 1838)	PM, NG, SP SU	Indon, NG, Solomon Is	Indon, MY, SP
<i>Orsinome phrygiana</i> Simon, 1901	PM, JA, SU	MAL	
<i>O. vethi</i> (Hasselt, 1882)	PM, JA, SU	MAL, CH, JA, SU	
<i>Tetragnatha chauliodus</i> (Thorell, 1890)	Penang, all	MY to NG, JP	MAL, MY, SP
<i>T. hasselti</i> Thorell, 1890	PM, JA, MY, SU, TL	IND, SUL	
<i>T. isidis</i> (Simon, 1880)	PM, SU	Europe to SU	
<i>T. lineata</i> Roewer, 1942		MAL	
<i>T. mandibulata</i> Walckenaer, 1842	Mariana Is, all?	Africa, AU, PH	Tioman, Indon, MY, SP, TL
<i>T. maxillosa</i> Thorell, 1895 *	PM, JA, MY, PH, SC, SP, TL & VN	syn. <i>T. listeri</i> Gravely, 1921	MAL, MY, PH, SP, TL, VN
<i>T. serra</i> Doleschall, 1857	Indon, HK, JA, SC, SP, SU, TL		
<i>T. virescens</i> Okuma, 1979	PM, IND, PH, TL	IND, SL to Indon, PH	
<i>Tylorida stellimicans</i> (Simon, 1885)		MAL	
<i>T. ventralis</i> (Thorell, 1877)	SUL, all	IND to TW, JP, NG	MAL, Indon, MY, SP
FAMILY: THERIDIIDAE			
<i>Achaearana mundula</i> (C. L. Koch, 1872)	PM, AU, MY, SC, SP	IND to Caledonia	MAL, Indon, MY, SP
<i>Argyrodes fasciatus</i> Thorell, 1892		MAL, SP	MAL, SP
<i>A. fissifrons</i> O.P. -Cambridge, 1869			Tioman-MAL, Indon, MY, SP, TL
<i>A. fragilis</i> Thorell 1877	PM, SUL	SUL	
<i>A. kualensis</i> Hogg, 1927	Kuala Lumpur	MAL	
<i>A. miniaceus</i> (Doleschall, 1857)	PM, Indon, SC, SP	Korea, JP, AU	MAL, Indon, SP
<i>Anelosimus agnar</i> Agnarsson, 2006		MAL	
<i>A. kohi</i> Yoshida, 1993		MAL, SP	SP
<i>Coleosoma blandum</i> O.P. Cambridge, 1882	Johore, Sri Lanka and all	Cosmopolitan	MY, SP, Cosmopolitan
<i>Episinus rhomboidalis</i> (Simon, 1895)	PM, SP, MY	Cameroon	MAL, MY, SP
<i>Molione triacantha</i> Thorell, 1892	PM, SC, SP, TW	MAL, SP, TW	MAL, SP
<i>M. uniacantha</i> Wunderlich, 1995	PM, SU	MAL, SU	
<i>Phoroncidia lygeana</i> (Walckenaer, 1841)	JA, SU, all?	MAL, SU	
<i>Steatoda parakensis</i> Simon, 1901	Perak	MAL	
<i>Theridion labeculosum</i> Workman, 1900	PM, SP	-	MAL, SP
<i>T. ludus</i> Simon, 1880		MAL to AU, Caledonia	
<i>T. perpusillum</i> Simon, 1885	Malacca	MAL	
<i>T. subradiatum</i> Simon, 1901		MAL	
FAMILY: THERIDIOSOMATIDAE			
<i>Andasta cyclosina</i> Simon, 1901		MAL	
<i>Theridiosoma cyclosina</i> (Simon, 1901)	Perak		
<i>T. nebulosum</i> Simon, 1901		MAL	
FAMILY: THOMISIDAE			
<i>Alcimochthes limbatus</i> Simon 1885	Malacca, SC, SP, SU, TW, VN	CH, JP, SP, TW, VN	MAL, MY, SP, VN
<i>Amyciaea forticeps</i> (P.-Cambridge, O, 1873)	PM, SL, JA, MY, SC, SP	MAL, JA, MY, SL	MAL, Indon, MY, SP
<i>Angaeus rhombifer</i> Thorell, 1890	PM, SP, SU	MAL, SU	MAL, Indon, MY, SP
<i>Cebrenninus annulatus</i> (Thorell, 1890)	PM, SU	SU	

Table 1. Continued.

Species List	Murphy & Murphy (2000)	Country Distributions From Sources	
		N. Platnick (2006)	Song et al. (2002)
<i>Hedana morgani</i> (Simon, 1885)	Malacca	MAL	
<i>Loxobates ornatus</i> Thorell, 1891	Penang	MAL	
<i>Misumenops nepenthicola</i> (Pocock, 1898)	SB, SP, SU		MAL, SP
<i>Oxytate virens</i> (Thorell, 1891)	Nicobar Is, SP, VN		MAL, SP, VN
<i>Pharta bimaculata</i> Thorell, 1891	PM, Nicobar Is	MAL	
<i>Philodamia hilaris</i> Thorell, 1894	PM, SP	SP	MAL, SP
<i>P. variata</i> Thorell, 1894	PM, SP	SP	MAL, SP
<i>Smodicinodes kovaci</i> Ono, 1993	Selangor	MAL	
<i>Strigoplus albostrigatus</i> Simon, 1885	PM, JA, MY, VN	MAL, Bhuttan	
<i>Tmarus loriae</i> Thorell, 1890	Penang	MAL	
<i>Zygomētis cristulata</i> Simon, 1901	Perak		
FAMILY: ULOBORIDAE			
<i>Philoponella quadrituberculata</i> (Thorell, 1892)	PM, JA, SP	JA, Moluccas	MAL, Indon, SP
<i>P. raffrayi</i> (Simon, 1891)	PM, JA, SP	JA, Moluccas	
<i>Uloborus oculus</i> Kulczynski, 1908	PM, SP	SP	MAL, SP
<i>U. spelaeus</i> Bristowe, 1952	Batu Caves	MAL	
<i>U. undulatus</i> Thorell, 1878	PM, Indon, JA, SP		MAL, Indon, SP
<i>U. indicus</i> Kulczynski, 1908		MAL to Pantropical	MAL, SP
<i>Zosis geniculata</i> (Olivier, 1789)	C America, all	MAL	MAL, MY, SP, TL
FAMILY: ZODARIIDAE			
<i>Heradion damrongi</i> Dankittipakul & Jocque, 2004	MAL		
<i>H. luctator</i> Dankittipakul & Jocque, 2004		MAL	
<i>H. pernix</i> Dankittipakul & Jocque, 2004		MAL	
<i>Mallinella cinctipes</i> (Simon, 1893)	PM, MY, SP	MAL, Andaman, MY, SP	MAL, Indon, MY, SP
<i>M. obnubila</i> Simon, 1901	Perak	MAL	
<i>M. sciophana</i> Simon, 1901	Perak	MAL, SU	
Species Total			
405	284	276	112

* notes as indicated within the table synonymous (syn.) species given or other information.

** due to unknown specific areas, distributions stated as "all" or "cosmopolitan" are not considered unless supported by another reference

*** presence of species as reported in J.K.H. Koh (1991)

**** presence of species as first described in Zhang et al (2006)

Table 2. New records of spiders for Peninsular Malaysia with some added notes .

Family / Species List	Notes on aspects of taxonomy and/or country distribution	Other related notes e.g descriptions, habitat and natural history
FAMILY: ARANEIDAE		
1. <i>Cyclosa insulana</i> (Costa, 1834)	Type locality Italy; have been recorded from Indonesia, Myanmar, Singapore, Thailand and Vietnam.	Characteristic feature of the species web is the presence of stabilimentum.
2. <i>Cyrtophora moluccensis</i> (Doleschall, 1857)	Type locality Indonesia; ranging from China, Indonesia to Japan and Australia.	Webs normally located in shrubs.
FAMILY: CLUBIONIDAE		
3. <i>Clubiona meraukensis</i> Chrysanthus, 1967	Previously known only in New Guinea.	Can be found in shrubs seeking shelter in leaves that may be dead or alive.
FAMILY: LYCOSIDAE		
4. <i>Pardosa sumatrana</i> (Thorell, 1890)	Type locality Sumatra of wide distribution; Hong Kong, India, Indonesia, Japan, Nepal, Philippines, Sri Lanka, South China, Sumatra.	Ground living spiders living in grassy areas, actively hunting down preys. Male shows courtship displays by up and down movements of the palps.
5. <i>P. zhanjiangensis</i> Yin, Wang, Peng & Zie, 1995	Type locality Guangdong, China.	Able to thrive in swampy areas.
FAMILY: PISAURIDAE		
6. <i>Dolomedes mizhoanus</i> Kishida, 1936	Type locality Japan; also found in Taiwan and little information on South East Asian species.	Exploit waterside habitats and able to prey on small fishes.
FAMILY: SALTICIDAE		
7. <i>Epeus flavobilineatus</i> (Doleschall, 1859)	Type locality Java, also found in Singapore	Found in forests including mangroves and gardens
8. <i>E. glorius</i> Zabka, 1985	Type locality Vietnam; also found in Singapore and South China.	A brightly coloured species roaming on garden or forest foliage.
9. <i>Myrmarachne elongata</i> Szombathy, 1915	Type Uganda (Africa), also found in Myanmar and Vietnam.	These species are good ant mimics wander above ground.
10. <i>Plexippus paykulli</i> (Audouin, 1826)	Type locality Egypt; wide ranging patterns; Africa, China, Indonesia, Japan, New Guinea, Philippines, Singapore and Vietnam.	Versatile lifestyle; living in mangroves, near water and agriculture land feasting on agricultural pests such as armyworm.
11. <i>Portia fimbriata</i> (Doleschall, 1859)	Type locality from Ambon, Indonesia with a wide distribution in Australia, Nepal, Sri Lanka and Taiwan.	Very rough overall appearance with a characteristic leg segments suitable for stealthy movements on prey's web. This species is a spider eater and can be found in or near other spider's web.
12. <i>Stagetillus opaeiceps</i> Simon, 1885	Species only known from type locality i.e Sumatra.	Typically long and narrow abdominal shape.
13. <i>Thianitara spectrum</i> Simon, 1903	Known from type locality, Sumatra.	Males seemed to resemble the more common congener, <i>T. bhamoensis</i> .
FAMILY: TETRAGNATHIDAE		
14. <i>Leucauge decorata</i> (Blackwall, 1864)	Type locality East Indies and distributional regions are Hong Kong, Taiwan and Paleotropical.	Build large webs in areas of grasses, shrubs to tall trees. Males are distinctly much smaller than females.
15. <i>L. tessellata</i> (Thorell, 1887) synonymous to <i>L. lygisma</i> Wang, 1991	Type locality Yunan, China	Dorsal abdomen with dark patches.
16. <i>Tetragnatha josephi</i> Okuma, 1988	Previously known only from type locality, Singapore	Characteristic long features from forward projecting fangs to abdomen and legs. Build webs in grasses to tall trees or near water, even in water tanks.
17. <i>Tylorida striata</i> (Thorell, 1877)	Type locality Sumatra. Also found in Australia, China, Japan, Philippines, Singapore, Taiwan.	Commonly found in grassy areas of gardens and forest fringes. Has been recorded in ricefields.

Table 2. New records of spiders for Peninsular Malaysia with some added notes .

Family / Species List	Notes on aspects of taxonomy and/or country distribution	Other related notes e.g descriptions, habitat and natural history
FAMILY: THERIDIIDAE		
18. <i>Achaearanea t-notatum</i> (Thorell, 1895)	Type locality Myanmar, reported present in Singapore.	Abdomen with a characteristic shape in profile. Can be found in gardens and mangroves.
19. <i>Moneta mirabilis</i> (Bösenverg & Strand, 1906)	Type locality Japan, also found in Taiwan and Singapore.	In plan view the abdomen has a characteristic triangular shape.
FAMILY: THOMISIDAE		
20. <i>Phrynarachne decipiens</i> (Forbes, 1883)	Type locality Java, also found in Sumatra.	Ability to camouflage well in taking appearance of bird excrement.
LINYPHIIDAE Blackwall, 1859		1989; 2 females, 2 males, Pulau Tioman, coll. D.Q. Li, 27 June 1999.
<i>Nasoona prominula</i> Locket, 1982		
1 female, 1 male, ZRC.1994.51-52, leaf litter, Genting, Pahang, col. J.A & F. Murphy, 26 Nov.1990.		FAMILY: OXYOPIDAE Thorell, 1870
<i>Neriere macella</i> (Thorell, 1898)		<i>Oxyopes birmanicus</i> Thorell, 1887
5 males, Taiping Hills, 3,000 to 4,000 feet, det. N. Scharff; 1 male, Fraser's Hill, Pahang, det. N. Scharff, coll. H.K. Lua, 30 Dec.1989.		1 male, ZRC.ARA.249, Juara track, Pulau Timan, det. Song, coll. D.Q. Li, 24 June 1999; 2 females, ZRC.ARA.247, Sg. Mapor, Johore, coll. H.K.Lua; 1 male, waterfall, Fraser's Hill, Pahang, coll. H.K.Lua, 31 Dec 1989; 1 female, swamp forest, North Selangor, 17 June 1991.
<i>Parameioneta spicata</i> Locket, 1982		FAMILY: PISAURIDAE Simon, 1890
1 female, 1 male, ZRC.1994.49-50, leaf litter, Genting, Pahang, coll. J.A. Murphy, 30 Nov. 1990.		<i>Dolomedes mizhoanus</i> Kishida, 1936, new record
LYCOSIDAE Sundevall, 1833		1 male, ZRC.ARA.107, Sg. Paya. Tioman, coll. D.Q. Li, 26 June 1999.
<i>Pardosa sumatrana</i> (Thorell, 1890), new record		<i>Eurychoera quadrimaculata</i> Thorell, 1897
1 male, ZRC.ARA.275, Sg. Paya, Pulau Tioman, 26 June 1999.		1 female, Genting, Pahang, 1-15 Feb 1988; 3 females, Gunung Panti area, logging track, Johore, coll. C.M Yang, 20 Sept 1990; 1 male, 2 females, Trengganu rocky waterfall, coll. H.K. Lua, 18 March 1992; 2 females, peat swamp forest, North Selangor, coll. H.K. Lua, 19 June 1991,
<i>P. zhanjiangensis</i> Yin, Wang, Peng & Zie, 1995, new record		<i>Polyboea vulpina</i> Thorell, 1895
1 female, 3 males, ZRC.ARA.277-278, Paya mangrove, Pulau Tioman, det. Song, coll. D.Q. Li, 26 June 1990.		1 male, 1 female, ZRC.ARA.293 / ZRC.ARA.1994-35-36, Genting, Pahang, 18-22 Aug. 1979.
FAMILY: NEPHILIDAE Simon, 1894		
<i>Nephilengys malabarensis</i> (Walckenaer, 1842)		
6 females, 6 males, ZRC.ARA.236-233, on walls Gap Rest House, Selangor, det. D.H. Murphy, 16 Aug 1967; 3 females, Frasers Hill, Pahang, coll. H.K. Lua, 31 Dec		

FAMILY: PHOLCIDAE C. L. Koch, 1850

***Uthina atrigularis* Simon, 1901**

1 female, 1 male, ZRC.ARA.393, Genting, 1-15 Feb 1988.

FAMILY: PSECHRIDAE Simon, 1890

***Fecenia macilenta* (Simon, 1885)**

1 female, ZRC.ARA.126, Genting, Pahang, det. D.X. Song, 26 Nov. 1990.

***Psechrus singaporensis* Thorell, 1894**

1 male, Call. No. 1982.1.18.26, dark caves, Batu Caves, det. Walter C. Sedgwick, coll. E. Seimund, 19 Dec 1928.

FAMILY: SALTICIDAE Blackwall, 1841

***Bristowia heterospina* Reimoser, 1934**

1 female, 1 male, ZRC.1996-168-169, leaf litter, Banting, Selangor, det. J.A. Murphy, 16 May 1981.

***Carrhotus sannio* (Thorell, 1877)**

1 female, ZRC.1996-154, garden, Layang-layang, Johore, det. J.A. Murphy, 21-23 Jul 1979.

***Cosmophasis umbratica* Simon, 1903**

1 female, 1 male, ZRC.1996.155-156, garden, Layang-layang, Johore, det. J.A. Murphy, 21-23 July 1979.

***Epeus flavobilineatus* (Doleschall, 1859), new record**

1 female, 1 male, ZRC.1996.180-181, garden, Layang-layang, Johore, det. J.A. Murphy, 21-23 July 1979.

***E. glorius* Zabka, 1985, new record**

1 female, 1 male, ZRC.1996.177-178, remnant forest, Layang-layang, Johore, det. J.A. Murphy, 27 July 1979.

***Harmochirus brachiatus* (Thorell, 1877)**

2 males, ZRC.ARA.137, on bushes, Genting, Pahang, det. J.A. Murphy, 26 Nov 1990.

***Myrmarachne elongata* Szombathy, 1915, new record**

1 female, 1 male, ZRC.1996.202-203, remnant forest, Layang-layang, Johore, det. J.A. Murphy, 27 July 1979,

***Neobrettus tibialis* (Proszynski, 1978)**

1 female, 1 male, banana trunks, Pahang, Genting, det. J.A. Murphy, 29 Nov 1990.

***Plexippus paykulli* (Audouin, 1826), new record**

1 female, ZRC.1996.195, garden, Genting, Pahang, det. J.A. Murphy, 1-15 Feb 1988.

***Portia fimbriata* (Doleschall, 1859), new record**

1 female, 1 male, ZRC.1996-154, garden, Genting, Pahang, det. J.A. Murphy, 1-7 Feb 1988.

***P. labiata* (Thorell, 1887)**

1 male, ZRC.1996.192, remnant forest, Layang-layang, Johore, det. J.A. Murphy, 27 July 1979.

***Rhene flavigera* (C. L. Koch, 1848)**

1 female, 1 male, ZRC.1996.194-195, garden, Genting, Pahang, det. J.A. Murphy, 26 Nov 1990.

***Stagetillus opaeiceps* Simon, 1885, new record**

1 female, ZRC.1996.165, garden, Genting, Pahang, det. J.A. Murphy, 18 Aug 1979.

***Thiania bhamoensis* Thorell, 1887**

1 female, 1 male, ZRC.1996.163-164, bushes, Pinang, det. J.A. Murphy, 16-17 Feb 1979.

***Thianitara spectrum* Simon, 1903, new record**

1 female, 1 male, ZRC.1996.166-167, garden, Genting, Pahang, det. J.A. Murphy, 20 Aug 1979.

FAMILY: SCYTODIDAE Blackwall, 1864

***Scytodes pallida* Doleschall, 1859**

1 female, 1 male, ZRC.1994.32-33 garden, Genting, Pahang, det. J.A. Murphy, 27 Nov. 1990.

FAMILY: TETRAGNATHIDAE Menge, 1866

***Leucauge celebesiana* (Walckenaer, 1841)**

4 females, ZRC.ARA.184, Pulau Tioman, Pahang, D.X. Song, coll. D.Q. Li, 24 June 1999; 1 female, 1 male, ZRC.ARA.234, Paya mangrove, Tioman, 26 June 1999.

***Leucauge decorata* (Blackwall, 1864), new record**

1 female, ZRC.ARA.185, Genting, Pahang, 1-14 Feb 1988.

***L. tessellata* (Thorell, 1887), new record**

In synonymy: *L. lygisma* Wang, 1991
1 male, ZRC.188, Tioman, det. D.X. Song, coll. D.Q. Li, 26 June 1999.

***Tetragnatha josephi* Okuma, 1988, new record**

1 male, ZRC.ARA.365, Tioman, coll. D.Q. Li, 26 June 1999.

***Tetragnatha mandibulata* Walckenaer, 1842**

1 male, ZRC.ARA.336, Sg Paya, Tioman, coll. D.Q. Li, 26 June 1999.

***Tylorida striata* (Thorell, 1877), new record**

1 female, 1 male, ZRC.ARA.390, Pahang, 14 Feb 1988.

FAMILY: THERAPHOSIDAE Thorell, 1869

***Coremiocnemis valida* Pocock, 1895**

1 male, ZRC.ARA.177, Johore, Nov 1923; 1 female, ZRC.ARA.418, Langkawi, Kedah, 23 April 1928; 3 females, ZRC.ARA.67, Fraser's Hill, Pahang, coll. H.M. Pendlebury, 1 Feb 1929; 2 females, ZRC.ARA.68, Penang; 1 female, ZRC.ARA.179, Renggam, Johor, det. D.X. Song, 3 Aug 1938; 1 male, ZRC.ARA. 181, Kuala Tahan, Pahang, coll. C.S. Ogilvia, 1948; 1 female, ZRC.ARA.07, Kota Tinggi, Johore, coll. Tan Kiou Nee, 11 Jan 1971.

***C. cunicularia* (Simon, 1892)**

1 female, Fraser's Hill, height of 4,000 feet, inhabits silk lined burrows on earth banks, det. B.F. Striffler, col. E. Loh & K. Lim, 2 June 1990.

***Lampropelma violaceopes* Abraham, 1924**

1 male, ZRC.ARA.178, Kuala Lipis, Pahang, det. H.C. Abraham, 30 June 1929.

***Selenocosmia javanensis* (Walckenaer, 1837)**

1 female, ZRC.ARA.332, Bukit Cerakah, H.C. Abraham, 26 July 1921; 1 female, 1 male, ZRC.ARA.334, Selangor, Kuala Lumpur, H.M. Pendlebury, Feb 1924.

FAMILY: THERIDIIDAE Sundevall, 1833

***Achaearanea mundula* (C. L. Koch, 1872)**

2 females, ZRC.ARA.18, Genting, H.K.Lua, 30 Dec. 1989.

***A. t-notatum* (Thorell, 1895), new record**

1 female, 1 male, ZRC.1994-63-64, garden, Genting, Pahang, det. J.A.Murphy, coll. J.A & F. Murphy, 1 Feb 1998.

***A. fissifrons* O.P. -Cambridge, 1869**

2 females, 2 males, ZRC.ARA.41, Paya mangrove, Pulau Tioman, coll. D.Q.Li, 26 June 1990.

***Coleosoma blandum* O.P. -Cambridge, 1882**

1 female, 1 male, ZRC.ARA.66, Genting, 26 Nov. 1990; 1 female, 1 male, ZRC.1994.56-57, garden, Genting, Pahang; coll. J.A & F. Murphy, 26 Nov 1990.

***Moneta mirabilis* (Bösenberg & Strand, 1906),
new record**

1 female, 1 male, Fraser's Hill, Pahang, det. I. Agnarsson, coll. H.K. Lua, 31 Dec 1989.

***Phoroncidia bukolana* Barrion & Litsinger, 1995,
new record**

1 male, Fraser's Hill, Pahang, coll. H.K.Lua, 31 Dec 1989.

***P. lygeana* (Walckenaer, 1841)**

1 female, 1 male, ZRC.ARA.1994.60-61, garden, Genting, Pahang, det. J.A. Murphy, 1-15 Feb 1988.

FAMILY: THOMISIDAE Sundevall, 1833

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1 female, 1 male, ZRC.ARA.284, Ulu Gombak, 7 Nov
1969.

FAMILY: ULOBORIDAE Thorell, 1869

Zosis geniculata (Olivier, 1789)

1 female, 1 male, ZRC.1994.10-11, garden, Genting,
Pahang, coll. J.A & F. Murphy, 18-21 Aug 1979.

FAMILY: ZODARIDAE Thorell, 1881

Mallinella cinctipes (Simon, 1893)

2 females, ZRC.1994.3-4, pitfall, loop trail, Ulu Kinchin,
Pahang, coll. H.K. Lua et al., 20 June 1990.

CONCLUSION

The current compilation on spiders from Peninsular Malaysia although with an impressive total species number of 425 species, in our opinion is far from complete. This work had indicated that the collections were rather skewed towards specific localities, for example tourist resorts (Batu Caves, Tioman Island, Fraser's Hill and Genting Highlands) and National Parks. It is imperative therefore to conduct a comprehensive sampling throughout Peninsular Malaysia to reveal the actual species numbers, accurate distribution patterns, state of endemism and current species status. We see this as our vital role and subsequent work to be focusing on so as to perhaps outrun the existing and forthcoming anthropogenic development.

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