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Checklist of Phytoseiidae (Acari: Mesostigmata) from Taiwan 【Scientific note】

臺灣產植綫蟎科名錄 (蟎蜱亞綱：植綫蟎科) 【科學短訊】

Jih-Rong Liao¹, Chyi-Chen Ho², and Chiun-Cheng Ko^{1*}

廖治榮¹、何琦琛²、柯俊成^{1*}

*通訊作者E-mail: [✉ Kocc2501@ntu.edu.tw](mailto:Kocc2501@ntu.edu.tw)

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Abstract

The family Phytoseiidae consists of over 2,300 species worldwide, which contains in three subfamilies, 15 tribes, and 84 genera. The checklist contains three subfamilies, Amblyseiinae, Phytoseiinae, and Typhlodrominae, 9 tribes, 14 genera and 53 species from Taiwan. Additionally, it provides all known synonyms and the information on type localities, type habitats, type deposition, distributions and Chinese names as well.

摘要

全世界已知的植綫蟎科共3亞科、15族、84屬，已記錄超過2,300種。本名錄將提供臺灣地區3亞科、9族、14屬、共53種植綫蟎科種類之學名與中文名錄。此外，尚包括異名表、模式產地、寄主植物、模式標本存放處、分布等資料。

Key words: phytoseiid mites, Taiwan, checklist, Chinese name

關鍵詞: 植綫蟎、臺灣、名錄、中文名。

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Checklist of Phytoseiidae (Acari: Mesostigmata) from Taiwan

Jhih-Rong Liao¹, Chyi-Chen Ho², and Chiun-Cheng Ko^{1*}

¹ Department of Entomology, National Taiwan University, Taipei City 10617, Taiwan

² Taiwan Acari Research Laboratory, Taichung City, Taiwan

ABSTRACT

The family Phytoseiidae consists of over 2,300 species worldwide, which contains in three subfamilies, 15 tribes, and 84 genera. The checklist contains three subfamilies, Amblyseiinae, Phytoseiinae, and Typhlodrominae, 9 tribes, 14 genera and 53 species from Taiwan. Additionally, it provides all known synonyms and the information on type localities, type habitats, type deposition, distributions and Chinese names as well.

Key words: phytoseiid mites, Taiwan, checklist, Chinese name

The family Phytoseiidae is the largest family of plant- and soil-inhabiting mites. The feeding habits of phytoseiid mites are variable. Some species in the family are important natural enemies of herbivorous mites and insects (e.g., *Phytoseiulus persimilis* Athias-Henriot, 1957), some species feed on pollens, spores, or plant tissues. Because of their biological control potential, phytoseiid mites have garnered much attention since the 1960s. There are many studies of phytoseiid mites in different fields related to their biology, ecology, and taxonomy (de Moraes *et al.*, 2004; Chant and McMurtry, 2007; Wu *et al.*, 2009). Studies of phytoseiid mites in Taiwan area can be traced back to as early as 1970s, when taxonomists recorded several species (Ehara, 1970; Lo, 1970). After that, Yi-Hsiung Tseng published the

fauna and revision works of phytoseiids contained 3 genera, and 47 species from Taiwan during the 1970s and 1980s (Tseng, 1972, 1973, 1975, 1976, 1983; Chang and Tseng, 1978). Ho and Lo (1989), reported the genus *Paraphytoseius* with 4 species and Ho *et al.* (2003) published 3 species of phytoseiid mites fauna newly to Matsu Island. These researches recorded fifty three phytoseiid species from Taiwan area, among which, 21 species are recorded only in Taiwan.

The taxonomic system of Phytoseiidae modified greatly in last three decades. The 53 phytoseiid species found in Taiwan area belong to 3 subfamilies and 14 genera now. There are still new findings to Taiwanese phytoseiid fauna. For the convenience of the further study on phytoseiid fauna in Taiwan, following the

*Corresponding email: Kocc2501@ntu.edu.tw

taxonomic system that proposed by Chant and McMurtry (2007), a checklist is compiled on the existing phytoseiid species in Taiwan area with the Chinese name.

The abbreviation of museums/organizations, checked by the authors, mentioned in the original papers to deposit the type specimens are listed as below.

- ARO, Division of Entomology, Agricultural Research Organization, Bet Dagan, Israel.
- BCIQ, Tainan Branch, Bureau of Commodity Inspection and Quarantine, Tainan, Taiwan. (We have confirmed from BCIQ, that this organization did not hold the collection of Y. H. Tseng. Tseng's collection, include the type specimens, is out of track).
- BITU, Biological Institute, Tottori University, Japan.
- BMNH, British Museum (Natural History), London, England.
- BPBM, Bernice Pauahi Bishop Museum, Honolulu, Hawaii, U.S.A.
- CNC, Canadian National Collection, Belleville, Canada.
- DEUP, Department of Entomology, University of the Philippines, the Philippines.
- EIHU, Entomological Institute, Hokkaido University, Sapporo, Japan.
- IARI, Indian Agricultural Research Institute, Delhi, India.
- MPLB-MNH, University of the Philippines at Los Banos Museum of Natural History, College, Laguna, the Philippines.
- NMNH, Smithsonian National Museum of Natural History, Washington, U.S.A.
- NUIA, National and University Institute of Agriculture, Rehovot, Israel.
- SAM, South Australian Museum, Adelaide, Australia.
- TARI, Taiwan Agricultural Research Institute, Taichung, Taiwan.
- Chinese name proposed by Taiwan Entomological Society is applied in priority. For those species without a Chinese name, the authors name it a Chinese name in accordance with the Latin specific name,

biology or morphological character of that species.

Family PHYTOSEIIDAE Berlese 植綫蟎科

Phytoseiini Berlese, 1916: 33.

AMBLYSEIINAE Muma 鈍綫蟎亞科

Amblyseiinae Muma, 1961: 273.

Amblyseiini Schuster *et* Pritchard, 1963: 225.

Macroseiinae Chant, Denmark, *et* Baker, 1959: 808; Muma, 1961: 272; Muma, Denmark, *et* De Leon, 1970: 21.

Phytoseiinae Chant, 1965a: 359 (in part).

Tribe AMBLYSEIINI Muma, 1961 鈍綫蟎族

Amblyseiinae Muma, 1961: 273.

Amblyseiini Muma *et* Wainstein, 1962: 26.

Macroseiinae Chant, Denmark, *et* Baker, 1959: 808.

Type genus: *Amblyseius* Berlese, 1914: 143.

Subtribe AMBLYSEIINA Muma, 2004 鈍綫蟎亞族

Amblyseiina Muma, Chant, *et* McMurtry, 2004a: 179.

Type genus: *Amblyseius* Berlese, 1914: 143.

Genus *Amblyseius* Berlese, 1914 鈍綫蟎屬

Amblyseius Berlese, 1914: 143.

Amblyseiopsis Garman, 1948: 17.

Type species: *Amblyseiopsis amerieanus* Garman, 1948: 17.

Amblyseius (Amblyseius) Muma, 1961: 287.

Amblyseius (Amblyseialus) Muma, 1961: 287.

Type species: *Amblyseiopsis largoensis* Muma, 1955: 266.

Amblyseius (Amblyseius) section *italoseius* Wainstein, 1962b: 15.

Type species: *Typhlodromus (Amblyseius) italicus* Chant, 1959b: 70.

Amblyseialus Muma, 1965: 245.

Proprioseiopsis (Peloiseius) Karg, 1983: 303.

Type species: *Amblyseius dorsatus* Muma, 1961: 278.

Amblyseius (Multiseius) Denmark *et* Muma, 1989: 82.

Type species: *Typhlodromus (Amblyseius) andersoni* Chant, 1957a: 296.

Amblyseius (Pauweiseius) Denmark et Muma, 1989: 132.

Type species: *Amblyseius meridionalis* Berlese, 1914: 144.

Type species: *Amblyseius obtusus* (Koch, 1839): 27.

***Amblyseius alpinia* Tseng, 1983** 月桃鈍綫蟎

Amblyseius (Amblyseius) alpinia Tseng, 1983: 49-52, Figs. 57-64.

Type deposition: BCIQ.

Type locality: Neiman, Kaohsiung County, Taiwan.

Type habitat: *Alpinia speciosa*.

Distribution: Taiwan.

***Amblyseius bellatulus* Tseng, 1983** 純潔鈍綫蟎

Amblyseius (Amblyseius) bellatulus Tseng, 1983: 38, Figs. 7-13.

Type locality: Mingjian, Nantou County, Taiwan.

Type habitat: *Morus alba*.

Type deposition: BCIQ.

Distribution: Taiwan.

***Amblyseius eharai* Amitai et Swirski, 1981** 江原鈍綫蟎

Amblyseius eharai Amitai et Swirski, 1981: 60, figs. 1-3, 6-8, 12, 13; McMurtry et Moraes, 1984: 35, figs. 19, 23; Wu et Lan, 1989: 450; Ehara et Amano, 1993: 16, fig. 8.

Amblyseius largoensis (nec Muma, 1955): Ehara, 1959: 293, figs. 17, 18; Ehara, 1961: 96, fig. 8.

Amblyseius deleari (nec Muma, Denmark, et De Leon, 1970): Ehara, 1977: 34, figs. 1-2.

Amblyseius (Amblyseius) eharai: Ehara, Okada, et Kato, 1994: 127, figs. 1-7; Ehara et Amano, 1998: 38, figs. 5-9, 16, 29, 42; Ehara et Amano, 2002: 322; Ehara, 2002a: 32, fig. 6.

Type locality: Tai Po Hui, New Territories, Hong Kong.

Type habitat: *Euphoria longana*.

Type deposition: ARO.

Distribution: China (Guangdong, Wuling mountain region, Hongkong), Japan, Malaysia, South Korea, Taiwan.

***Amblyseius herbicolus* (Chant, 1959)**

長尾鈍綫蟎

Typhlodromus (Amblyseius) herbicolus Chant, 1959: 84-85, fig. 164; Denmark et Muma, 1989: 59, figs 294-298.

Amblyseius deleari Muma, Denmark, et De Leon, 1970: 68, figs 242-246. (type locality: Fort Pierce, Florida; type habitat: *Citrus*) (synonym according to Daneshvar et Denmark, 1982).

Amblyseius largoensis (Tseng, 1983).

Amblyseius (Amblyseius) thermophilus Karg, 1991: 12 (synonym according to Karg, 1991).

Typhlodromus (Amblyseius) amitae Bhattacharyya, 1968: 677 (synonym according to Denmark et Muma, 1989).

Amblyseius giganticus Gupta, 1981: 33 (synonym according to Gupta, 1986).

Type locality: Portugal, Boston, USA.

Type habitat: bromeliad, grass and weeds.

Type deposition: NMNH.

Distribution: Angola, Australia (Queensland), Brazil (Minas Gerais, Parana, Rio Grande Do Sul, Sao Paulo), Canary Islands, China (Fujian, Wuling mountain region), Colombia, Costa Rica, El Salvador, Guadeloupe, Guatemala, Hawaii, Honduras, India (Arunachal Pradesh, Tripura), West Bengal, Iran, Kenya, Les Saintes, Malaysia, Martinique, New Caledonia, Papua New Guinea, the Philippines, Puerto Rico, Reunion Island, Singapore, South Africa, Taiwan, Venezuela, West Indies.

***Amblyseius largoensis* (Muma, 1955)**

拉哥鈍綫蟎

Amblyseius largoensis Muma, 1955: 266, figs 10-12; Garman, 1958: 76.

Typhlodromus (Amblyseius) largoensis (Muma) Chant, 1959, 96.

- Typhlodromus largoensis* (Muma) Hirschmann, 1962.
- Amblyseius* (*Amblyseius*) *largoensis* (Muma); Ehara, 1966.
- Amblyseius* (*Amblyseialus*) *largoensis* (Muma); Muma, 1961.
- Amblyseius amatalaensis* Gupta, 1977: 53 (synonym according to Gupta, 1986).
- Amblyseius sakalava* Ueckermann *et* Loot, 1988 (synonym according to Ueckermann *et* Loots, 1988).
- Typhlodromus* (*Amblyseius*) *amitae* Bhattacharyya, 1968: 677 (synonym according to Gupta, 1986).
- Type locality: Key Largo, Florida.
- Type habitat: lime.
- Type deposition: NMNH.
- Distribution: Angola, Australia (Queensland), Brazil (Pernambuco, Sao Paulo), China (Guangdong, Hongkong), Colombia, Cook Islands, Costa Rica, Cuba, Fiji, Futuna Island, Guadeloupe, Georgia, Gilbert Islands, Guatemala, Guyana, Hawaii, Honduras, India (Andaman Islands, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Gujarat, Himachal Pradesh, Karnataka, Kerala, Manipur, Meghalaya, Myabunder Island, Nagaland, Nicobar Islands, Orissa, Pondicherry, Rangat, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal), Indonesia, Iran, Israel, Ivory Coast, Jamaica, Japan, Kenya, La Desirade, Les Saintes, Madeira Island, Malaysia, Marie Galante, Martinique, Mexico, Mozambique, New Caledonia, New Zealand, Papua New Guinea, the Philippines, Puerto Rico, Reunion Island, Saint Barthelemy, Saint Kitts, Saint Martin, Singapore, Tahiti, Taiwan, Tanzania, Thailand, Trinidad, Turkey, Us Samoa, USA (California, Florida), Vanuatu, Venezuela.
- Amblyseius maai* Tseng, 1976 馬氏鈍綫蟎
Amblyseius (*Amblyseius*) *maai* Tseng, 1976: 123-125, figs 78-83.
- Amblyseius tamatavensis* Blommers, 1974 (senior synonym according to Denmark *et* Muma, 1989; not synonym according to Liao, 2011).
- Amblyseius aegyptiacus* Denmark *et* Matthysse, 1981 (junior synonym of *Amblyseius tamatavensis* according to Denmark *et* Muma, 1989).
- Type locality: Tainan City, Taiwan.
- Type habitat: *Ananas comosus*.
- Type deposition: BCIQ.
- Distribution: Papua New Guinea, Taiwan.
- Amblyseius pascalis* Tseng, 1983** 牧草鈍綫蟎
Amblyseius (*Amblyseius*) *pascalis* (Tseng, 1983): 36-38, figs 1-6.; Wu *et* Ou 2001: 104; Wu *et al.*, 2009: 205-206, fig. 122.
- Type locality: Lishan, Taichung City, Taiwan.
- Type habitat: weed.
- Type deposition: BCIQ.
- Distribution: China, Taiwan.
- Amblyseius trisetosus* Tseng, 1983** 三毛鈍綫蟎
Amblyseius (*Amblyseius*) *trisetosus* Tseng, 1983: 49, figs 49-56.
- Type locality: Lushan, Nantou County, Taiwan.
- Type habitat: litter.
- Type deposition: BCIQ.
- Distribution: Taiwan.
- Subtribe ARRENOSEIINA Chant *et* McMurtry, 2004** 壯綫蟎亞族
Arrenoseiina Chant *et* McMurtry, 2004b: 220.
- Type genus:** *Amblyseius* (*Arrenoseius*) Wainstein, 1962: 12.
- Genus *Paraamblyseius* Muma, 1962** 擬鈍綫蟎屬
Paraamblyseius Muma, 1962: 8.
- Type species:** *Paraamblyseius lunatus* Muma, 1962: 8.
- Paraamblyseius formosanus* (Ehara, 1970)** 臺灣擬鈍綫蟎
Iphiseius formosanus Ehara, 1970, p. 59-61, figs. 9-18; Tseng, 1976, p. 101.
- Paraamblyseius fragariae* Gupta, 1986, p.

204-206, figs. 478-488. (type locality: Kalimpong, West Bengal, India; type habitat: *Fragaria nilgerrensis*) (suspected synonym according to Gupta, 1986).
Type locality: Kending, Pingtung County, Taiwan.

Type habitat: *Calamus margaritae*.

Type deposition: BITU.

Distribution: India (Manipur) (questioned synonym), Taiwan, China.

Genus *Phytoscutus* Muma, 1961 植鈍蝨屬

Phytoscutus Muma 1961: 275.

Phytoscutella Muma 1961: 275.

Type species: *Typhlodromus (Amblyseius) salebrosus* Chant, 1960b: 58.

Iphiseius (Trochoseius) Pritchard et Baker 1962: 259.

Type species: *Iphiseius (Trochoseius) gongylus* Pritchard et Baker, 1962: 304.

Amblyseius (Phytoscutella) Ehara et Bhandhufalck, 1977: 73.

Trochoseius Mattbysse et Denmark 1981: 341.

Amblyseius (Trochoseius) Ueckermann et Loots, 1985: 129.

Type species: *Phytoscutus sexpilis* Muma, 1961: 275.

***Phytoscutus salebrosus* (Chant, 1960)**

粗糙植盾蝨

Typhlodromus (Amblyseius) salebrosus Chant, 1960, p. 58, figs. 1-4.

Phytoscutella salebrosus: Muma, 1961, p. 275.

Amblyseius (Amblyseius) salebrosus: Ehara, 1966, p. 23.

Phytoscutus taii Lo, 1970, p. 49, Figs. 2-9 (synonym according to Ehara et Bhandhufalck, 1977).

Amblyseius (Amblyseius) taii: Tseng, 1976, p. 126 (synonym according to Ehara et Bhandhufalck, 1977).

Type locality: Jarhat, Assam, India.

Type habitat: *Citrus* sp..

Type deposition: CNC.

Distribution: China, India (Arunachal Pradesh), Malaysia, the Philippines, Taiwan (Miaoli, Taipei), Thailand.

Subtribe PROPRIOSEIOPSINA Chant et McMurtry, 2004 似前鋸綫蝨亞族

Proprioseiopsina Chant et McMurtry, 2004a: 219.

Type genus: *Proprioseiopsis* Muma, 1961: 277.

Genus *Proprioseiopsis* Muma, 1961 似前鋸綫蝨屬

sandersi group Chant, 1959: 102.

Proprioseiopsis Muma, 1961: 277.

Phytoseiulella Muma, 1961: 276.

Type species: *Iphiseius grovesae* Chant, 1959: 110.

Amblyseiulus Muma, 1961: 278.

Type species: *Typhlodromus (Amblyseius) okanagensis* Chant, 1957a: 293.

Amblyseius (Pavlovskeius) Wainstein, 1962b: 12.

Type species: *Typhlodromus (Amblyseius) terrestris* Chant, 1959: 108.

Amblyseius (Skironodromus) Wainstein, 1962b: 12.

Type species: *Typhlodromus (Amblyseius) sandersi* Chant, 1959: 102.

Amblyseius (Proprioseiopsis) van der Merwe, 1968: 161.

Iphiseius (phytoseiulella) van der Merwe, 1968: 109.

Proprioseiopsis (Amblyseiulus) Karg, 1983: 303.

Proprioseiopsis (Patinoseius) Karg, 1983: 303.

Type species: *Proprioseiopsis catinus* Karg, 1976: 521.

Proprioseiopsis (Tuboseius) Karg, 1983: 303.

Type species: *Amblyseius citri* Muma, 1962: 1.

Proprioseiopsis (Proprioseiopsis) s. str. Karg, 1983: 303.

Type species: *Typhlodromus (Amblyseius) terrestris* Chant, 1959: 108.

Proprioseiopsis (Skironodromus) Karg, 1983: 302.

Type species: *Typhlodromus (Amblyseius) terrestris* Chant, 1959: 108.

***Proprioseiopsis asetus* (Chant, 1959)**

少毛鈍綫蟎

Typhlodromus (*Amblyseius*) *asetus* Chant, 1959: 80-81, figs 142-143.

Amblyseius (*Amblyseius*) *asetus*: Tseng, 1983: 40-41, figs 15-22.

Amblyseius asetus Chant, 1965a: 351-374.

Proprioseiopsis asetus: de Moraes, McMurtry, et Denmark, 1986: 111.

Type locality: Kearneysville, West Virginia.

Type habitat: *Malus domestica*.

Type deposition: NMNH.

Distribution: Brazil (Sao Paulo), Galapagos, Hawaii, Jamaica, Mexico, Taiwan (Taichung), USA (Arizona, California, Florida, Missouri, North Carolina, Ohio, Pennsylvania, Texa, Wisconsin).

***Proprioseiopsis ovatus* (Garman, 1958)**

卵圓鈍綫蟎

Amblyseiopsis ovatus Garman, 1958: 78.

Typhlodromus (*Amblyseius*) *ovatus*: Chant, 1959: 90-91, figs 194-195.

Amblyseiulus ovatus: Muma, 1961:

Amblyseius (*Amblyseius*) *peltatus* Van der Merwe, 1968: 119 (synonym according to Tseng, 1983).

Amblyseius (*Proprioseiopsis*) *peltatus*: Blommers, 1976: 100.

Amblyseius (*Proprioseiopsis*) *parapeltatus* Wu et Chou, 1981: 273-274 (synonym according to Tseng, 1983).

Amblyseius (*Amblyseius*) *ovatus*: Tseng 1983: 42, figs 23-29.

Proprioseiopsis (*Proprioseiopsis*) *ovatus*: Karg 1989.

Type locality: Ecuador at Brownsville, Texa.

Type habitat: *Cattleya* sp..

Type deposition: NMNH.

Distribution: Brazil (Sao Paulo), Costa Rica, Cuba, Ecuador, Egypt, Hawaii, Honduras, the Philippines, Puerto Rico, Taiwan (Kaohsiung, Nantou, Taichung), USA (Arizona, California, Missouri), Mexico, Utah.

***Proprioseiopsis pubes* (Tseng, 1976)**

柔毛鈍綫蟎

Amblyseius (*Amblyseius*) *pubes* Tseng, 1976:

117-118, figs 59-65.

Type locality: Tainan City, Taiwan.

Type habitat: *Jasmine* sp..

Type deposition: BCIQ.

Distribution: Taiwan.

Tribe EUSEIINI Chant et McMurtry, 2005 真綫蟎族

Euseiini Chant et McMurtry, 2005b: 191.

Type genus: *Amblyseius* (*Amblyseius*) section *Euseius* Wainstein, 1962b: 15.

Subtribe EUSEIINA Chant et McMurtry, 2005 真綫蟎亞族

Euseiina Chant et McMurtry, 2005b: 209.

Type genus: *Amblyseius* (*Amblyseius*) section *Euseius* Wainstein, 1962b: 15.

Genus *Euseius* Wainstein, 1962 真綫蟎屬

finlandicus group Athias-Henriot, 1957: 23; Chant, 1959b: 67.

Amblyseius (*Amblyseius*) section *Euseius* Wainstein, 1962b: 15.

Amblyseius (*Amblyseius*) section *Afrodromus* Wainstein, 1962b: 17.

Type species: *Typhlodromus africanus* Evans, 1954: 527.

Amblyseius (*Euseius*): De Leon, 1965a: 121.

Euseius: De Leon, 1967: 86.

victoriensis group Schicha, 1987: 24.

Amblyseius (*Amblyseius*) *finlandicus* group Ueckermann et Loots, 1988: 61.

Type species: *Euseius finlandicus* (Oudemans, 1915): 183.

***Euseius ovalis* (Evans, 1953)** 卵形真綫蟎

Typhlodromus ovalis Evans, 1953: 458-461; figs. 5-6.

Typhlodromus (*Amblyseius*) *ovalis*: Chant, 1959.

Amblyseius (*Typhlodromalus*) *ovalis*: Muma, 1961.

Amblyseius ovalis (Evans): Collyer, 1964b.

Amblyseius (*Amblyseius*) *ovalis*: Ehara, 1966a.

Amblyseius (*Euseius*) *ovalis*: Gupta, 1985b.

Type locality: Kula Lumpur, Malaya.

Type habitat: *Ficus elastica*.

Type deposition: BMNH.

Distribution: Australia, China, Cook Islands, Fiji, Hawaii, Hong Kong, India, Indonesia, Japan, Mauritius, Mexico, New Zealand, Papua New Guinea, the Philippines, Taiwan.

Tribe INDOSEIULINI Ehara et Amano, 1998 印小綏蟎族

Indoseiulini Ehara et Amano, 1998: 48.

Type genus: *Gynaeseius* Wainstein 1962b (= *Indoseiulus* Ehara, 1982: 42).

Genus Gynaeseius Wainstein, 1962 寬腹綏蟎屬

Indoseiulini Ehara et Amano, 1998: 48.

Type genus: *Gynaeseius* Wainstein 1962b (= *Indoseiulus* Ehara, 1982: 42).

***Gynaeseius liturivorus* (Ehara, 1982)**

斜紋寬腹綏蟎

Amblyseius (*Indoseiulus*) *liturivorus* Ehara, 1982: 43-44; figs. 10-18.; Tseng, 1983: 54; McMurtry et Moraes, 1984: 29.

Indoseiulus liturivorus (Ehara): Moraes, McMurtry et Denmark, 1986: 60; Denmark et Kolodochka, 1993: 253; Liang et Zeng, 1992: 47; Ehara et Amano, 1998: 48.

Type locality: Kisigawa, Wakayama, Japan.

Type habitat: *Glycine max.*

Type deposition: BITU.

Distribution: Japan, Taiwan (Taipei).

Tribe Neoseiulini Chant et McMurtry, 2003 小新綏蟎族

Neoseiulini Chant et McMurtry, 2003a: 6.

Type genus: *Neoseiulus* Hughes, 1948: 141.

Genus Neoseiulus Hughes, 1948 小新綏蟎屬

Neoseiulus Hughes, 1948: 141.

Typhlodromus (*Typhlodromopsis*) De Leon, 1959a: 113.

Type species *Typhlodromus cucumeris* Oudemans, 1930a: 69.

Amblyseius (*Typhlodromopsis*): Muma, 1961: 287.

Cydnodromus Muma, 1961: 290.

Type species: *Lasioseius marinus* Willmann,

1952: 146.

Phytodromus Muma, 1961: 291.

Type species: *Amblyseius leucophaeus* Athias-Henriot, 1959: 139.

Amblyseius (*Amblyseius*) section *Typhlodromopsis* Wainstein, 1962: 15.

Typhlodromopsis: Muma, 1965: 245.

Dictyonotus Athias-Henriot, 1978.

Type species: *Amblyseius huron* Chant et Hansell, 1971: 710.

Dictydionotus Athias-Henriot, 1979: 677.

Kashmerius Chaudhri, Akbar et Rasool, 1979: 66.

Type species: *Kashmerius reductus* Chaudhri, Akbar et Rasool, 1979: 66.

Denmarkia Chaudhri, Akbar, et Rasool, 1979: 46.

Type species: *Denmarkia disparis* Chaudhri, Akbar et Rasool, 1979: 46.

Amathia Chaudhri, Akbar, et Rasool, 1979: 48.

Type species: *Amathia rancidus* Chaudhri, Akbar et Rasool, 1979: 48.

Amblyseius (*Neoseiulus*) Karg, 1983: 313.

Typhlodromus (*Neoseiulus*) Nesbitt, 1951: 34.

Typhlodromus (*Neoseiulus*) section *Neoseiulus* Wainstein, 1962: 21.

Type species: *Neoseiulus barkeri* Hughes, 1948: 141.

***Neoseiulus baraki* (Athia-Henriot, 1966)**

貝氏小新綏蟎

Amblyseius baraki Athia-Henriot, 1966: 211-213, figs. 18, 90, 95, 104, 107; pl. 1: fig. 3; Wu, 1986: 122; Wu, Liang et Lan, 1997: 105.

Neoseiulus baraki: de Moraes, McMurtry et Denmark, 1986: 70.

Amblyseius dhooriai Gupta, 1977c (synonym according to Gupta, 1986).

Type locality: D'Z - Baraki (plaine de la Mitidja), Algeria.

Type habitat: *Phalaris* spp..

Type deposition: Unknown.

Distribution: China, Taiwan (Kaohsiung, Taichung, Taipei), Thailand.

***Neoseiulus barkeri* Hughes, 1948** 巴氏
小新綫蟎

Neoseiulus barkeri Hughes, 1948: 141; de
Moraes, McMurtry, et Denmark, 1986:
70.

Amblyseius (Amblyseius) barkeri: Ehara,
1972: 147-149.

Amblyseius bakeri: Wu, 1980: 47; Chen,
Zhu, et Liang, 1984: 337; Wu, Liang, et
Lan, 1997, 81.

Amblyseius mckenziei Schuster et Pritchard,
1963: 268; Ragusa et Athias-Henriot,
1983; Chant et McMurtry, 2003: 35
(synonym according to Ragusa et
Athias-Henriot, 1983).

Amblyseius mycophilus Karg, 1970b: 290
(synonym according to Ragusa et
Athias-Henriot, 1983).

Amblyseius oahuensis Prasad, 1968b: 1518
(synonym according to Ragusa et
Athias-Henriot, 1983).

Amblyseius picketti Specht, 1968: 681
(synonym according to Ragusa et
Athias-Henriot, 1983).

Amblyseius masiaka Blommers et Chazeau,
1974: 308 (synonym according to
Ueckermann et Loots, 1988).

Amblyseius (Amblyseius) usitatus van der
Merwe, 1965: 71 (synonym according
to Ueckermann et Loots, 1988).

Type locality: London Docks, England.

Type habitat: *Hordeum vulgare*.

Type deposition: BMNH.

Distribution: Algeria, Australia, Brazil,
Canary Islands, Cape Verde, China,
Finland, France, Georgia, Germany,
Ghana, Greece, Guinea, Israel, Italy,
Japan, Jordan, the Netherlands,
Nigeria, Norway, Reunion Island,
Russia, South Africa, South Korea,
Spain, Sweden, Taiwan (Hualien),
Turkey, Ukraine, West Bank, Yemen.

***Neoseiulus longispinosus* (Evans, 1952)**

長毛小新綫蟎

Typhlodromus longispinosus Evans, 1952:
413-416, figs. 1-2.

Amblyseius longispinosus: Ehara, 1959:
228; Wu, 1980: 45; Chen, Zhu et Liang,

1984: 325.

Type locality: Indonesia.

Type habitat: *Manihot utilisima*.

Type deposition: BMNH.

Distribution: Australia, China, Egypt,
Guadeloupe, Hawaii, Hong Kong,
India, Indonesia, Japan, Les Saintes,
Malaysia, Marie Galante, Martinique,
New Zealand, Pakistan, Papua New
Guinea, The Philippines, Russia, Saint
Barthelemy, South Korea, Taiwan,
Thailand.

***Neoseiulus makuwa* (Ehara, 1972)** 真
桑小新綫蟎

Amblyseius (Amblyseius) makuwa Ehara,
1972: 154-156, figs. 70-74.

Neoseiulus makuwa: Moraes, McMurtry, et
Denmark, 1986: 87.

Amblyseius makuwa: Chen, Zhu, et Liang,
1984: 335; Wu, Liang, et Lan, 1997:
99.

Type locality: Kita-usa, USA, Oita Pref.,
Kyushu.

Type habitat: *Cucumis melo*.

Type deposition: BITU.

Distribution: China, Indonesia, Japan, South
Korea, Taiwan.

***Neoseiulus monomacrosetus* (Tseng, 1976)** 單大毛小新綫蟎

Amblyseius (Amblyseius) monomacroseta
Tseng, 1976: 121-123, figs. 72-77.

Type locality: Tainan City, Taiwan.

Type habitat: *Ananas comosus*.

Type deposition: BCIQ.

Distribution: Taiwan.

***Neoseiulus spineus* (Tseng, 1976)** 刺小
新綫蟎

Amblyseius (Amblyseius) spineus Tseng,
1976: 118-121, figs. 66-71.

Type locality: Houli, Taichung City, Taiwan.

Type habitat: *Vitis vinifera*.

Type deposition: BCIQ.

Distribution: Taiwan.

***Neoseiulus taiwanicus* (Ehara, 1970)**

臺灣小新綫蟎

Amblyseius (Amblyseius) taiwanicus Ehara, 1970: 56-58, figs. 1-8.

Type locality: Fengshan, Kaohsiung City, Taiwan.

Type habitat: *Ananas comosus*.

Type deposition: BITU.

Distribution: China, the Philippines, Taiwan (Kaohsiung), Thailand.

***Neoseiulus womersleyi* (Schicha, 1975)**

溫氏小新綫蟎

Amblyseius womersleyi Schicha, 1975: 101-103, figs. 1-9.

Type locality: Biological et Chemical Research Institute, Rydalmere, N.S.W..

Type habitat: *Fragaria ananassa*.

Type deposition: SAM.

Distribution: Australia, Japan, South Korea, Taiwan.

Tribe Kampimodromini Kolodochka, 1998 斜行綫蟎族

Kampimodromini Kolodochka, 1998: 59.

Type genus: *Kampimodromus* Nesbitt, 1951: 53.

Subtribe Kampimodromina Chant et McMurtry, 2003 斜行綫蟎亞族

Kampimodromina Kolodochka: Chant et McMurtry, 2003b: 193.

Type genus: *Kampimodromus* Nesbitt, 1951: 53.

Genus *Okiseius* Ehara, 1967 沖綫蟎屬

Okiseius Ehara, 1967a: 77.

Type species: *Okiseius subtropicus* Ehara, 1967a: 77.

Okiseius (Kampimodromellus) Kolodochka et Denmark, 1996: 2-3.

Type species: *Amblyseius (Kampimodromus) maritimus* Ehara, 1967b: 224.

Okiseius (Okiseius) Kolodochka et Denmark, 1996: 233.

Type species: *Okiseius subtropicus* Ehara, 1967a: 77.

***Okiseius formosanus* Tseng, 1972** 臺灣沖綫蟎

Okiseius formosanus Tseng, 1972: 2-3, figs.

17-32.

Type locality: Shakun, Chiayi County, Taiwan.

Type habitat: unknown plant.

Type deposition: BCIQ.

Distribution: Taiwan.

***Okiseius subtropicus* Ehara, 1967** 亞熱沖綫蟎

Okiseius subtropicus Ehara, 1967a: 77, figs. 36-39.

Type locality: Itoman, Okinawa.

Type habitat: *Hibiscus tiliaceus*.

Type deposition: EIHU.

Distribution: Australia, China, Japan, the Philippines, Taiwan (Chiayi).

Subtribe Paraphytoseiina Chant et McMurtry, 2003 擬植綫蟎亞族

Paraphytoseiina Chant et McMurtry, 2003b: 211.

Type genus: *Paraphytoseius* Swirski et Schechter, 1961: 327.

Genus *Paraphytoseius* Swirski et Schechter, 1961 擬植綫蟎屬

Paraphytoseius Swirski et Schechter, 1961: 113.

Type species: *Paraphytoseius multidentatus* Swirski et Schechter, 1961: 113.

Amblyseius (Paraphytoseius) Ehara, 1967b: 77.

Amblyseius (Ptenoseius) Pritchard et Baker, 1962: 295.

Type species: *Amblyseius (Ptenoseius) horrifer* Pritchard et Baker, 1962: 295.

Proprioseius (Paraphytoseius), Karg, 1983: 302.

Ptenoseius, Schuster et Pritchard, 1963: 198.

Type species: *Typhlodromus (Amblyseius) orientalis* Narayanan, Kaur et Ghai, 1960: 394.

***Paraphytoseius hyalinus* (Tseng, 1973)** 透明擬植綫蟎

Amblyseius (Paraphytoseius) hyalinus Tseng, 1973: 77-79, figs. 1-7.

Type locality: Tonjin, Chiayi County, Taiwan.

Type habitat: *Rubus* sp. (misspelling on

original description).
Type deposition: BCIQ.
Distribution: Taiwan.

***Paraphytoseius orientalis* (Narayanan, Kaur et Ghai, 1960)** 東方擬植綫蟎

Typhlodromus (*Amblyseius*) *orientalis*
Narayanan, Kaur et Ghai, 1960: 394,
figs. Text-fig. 6, figs. 2a-g.

Paraphytoseius multidentatus Swirski et
Shechter, 1961: 114 (synonym according
to Matthyse et Denmark, 1981).

Type locality: Chembur, Bombay.
Type habitat: *Ipomea* sp. and cotton.
Type deposition: IARI.
Distribution: India, Taiwan (Nantou, Taitung).

***Paraphytoseius chihpenensis* Ho et Lo, 1989** 知本擬植綫蟎

Paraphytoseius chihpenensis Ho et Lo,
1989: 93-94, fig. 2.

Type locality: Zhiben, Taitung County,
Taiwan.

Type habitat: *Macaranga tanarius*.
Type deposition: TARI.
Distribution: Taiwan.

***Paraphytoseius cracentis* (Corpuz et Rimando, 1966)** 纖細擬植綫蟎

Ptenoseius cracentis Corpuz-Raroz et
Rimando, 1966: 115-116, fig. 1.

Type locality: Gamu, Isabela.
Type habitat: *Achyranthes aspera*.
Type deposition: DEUP.

Distribution: China, Hong Kong, Japan,
New Caledonia, Papua New Guinea,
the Philippines, Singapore, Taiwan
(Hualien, Nantou), Thailand.

***Paraphytoseius hualienensis* Ho et Lo, 1989** 花蓮擬植綫蟎

Paraphytoseius hualienensis Ho et Lo,
1989: 97-98, fig. 4.

Type locality: Hegang, Hualien County,
Taiwan.

Type habitat: *Melastoma candidum*.
Type deposition: TARI.
Distribution: Taiwan.

Tribe Typhlodromipsini Chant et McMurtry, 2005 亦盲走蟎族

Typhlodromipsini Chant et McMurtry,
2005c: 318.

Type genus: *Typhlodromips* De Leon,
1965b: 23.

Genus *Typhlodromips* De Leon, 1965

亦盲走蟎屬

Typhlodromips De Leon, 1965b: 23.

Amblyseius (*Typhlodromips*) Wainstein,
1983: 313.

tee group Schicha, 1987: 113.

ochii species group Ehara et Amano, 1998:
41.

Type species: *Typhlodromus* (*Typhlodromopsis*)
simplicissimus De Leon, 1959a: 117.

***Typhlodromips anuwati* (Ehara et Bhandhufalck, 1977)** 恩氏亦盲走蟎

Amblyseius (*Amblyseius*) *anuwati* Ehara et
Bhandhufalck, 1977: 63-66, figs. 77-
83.

Type locality: Prew.

Type habitat: *Coffea* sp..

Type deposition: BITU.

Distribution: China, Malaysia, Taiwan
(Nantou, Taitung).

***Typhlodromips okinawanus* (Ehara, 1967)** 沖繩亦盲走蟎

Amblyseius (*Amblyseius*) *okinawanus* Ehara,
1967a: 72-73, figs. 17-24.

Type locality: Tomigusuku.

Type habitat: *Verbena officinalis*..

Type deposition: EIHU.

Distribution: China, Hong Kong, Indonesia,
Japan, Papua New Guinea, Russia,
South Korea, Taiwan, Thailand.

***Typhlodromips newsami* (Evans, 1953)**

紐氏亦盲走蟎

Typhlodromus newsami Evans, 1953: 450-
458, figs. 1-4.

Type locality: the Philippines, Malaya.

Type habitat: *Ficus elastica*.

Type deposition: BMNH.

Distribution: China, Hong Kong, Indonesia,
Japan, Malaysia, Taiwan (Miaoli,

- Taichung).
- Typhlodromips tienhsainensis* (Tseng, 1983)** 天祥亦盲走蟎
Amblyseius (Amblyseius) tienhsainensis Tseng, 1983: 46, figs. 42-48.
 Type locality: Tianxiang, Hualien County, Taiwan.
 Type habitat: flower.
 Type deposition: BCIQ.
 Distribution: Taiwan.
- Typhlodromips vestificus* (Tseng, 1976)**
 紡織亦盲走蟎
Amblyseius (Amblyseius) vestificus Tseng, 1976: 113-115, figs. 49-54.
 Type locality: Tonjin, Chiayi County, Taiwan.
 Type habitat: *Alpinia speciosa*.
 Type deposition: BCIQ.
 Distribution: Taiwan.
- Subfamily PHYTOSEIINAE Berlese, 1913** 植綫蟎亞科
 Phytoseiini Berlese, 1913: 3.
 Phytoseiinae Berlese, Vitzthum, 1941: 768.
 Chantiini Pritchard *et* Baker, 1962: 211.
 Type genus: *Chantia* Pritchard *et* Baker, 1962: 236.
 Chantiinae Chant *et* Yoshida-Shaul, 1986a: 2025.
 Type genus: *Phytoseius* Ribaga, 1904: 177.
- Genus *Phytoseius* Ribaga, 1904** 植綫蟎屬
Phytoseius Ribaga, 1904: 177.
Phytoseius (Phytoseius) Wainstein, 1959: 1361.
Phytoseius (Dubininellus) Wainstein, 1959: 1361.
 Type species: *Phytoseius (Dubininellus) corniger* Wainstein, 1959.
Dubininellus Muma, 1961: 293.
Phytoseius (Pennaseius) Pritchard *et* Baker, 1962: 223.
 Type species: *Phytoseius (Pennaseius) amba* Pritchard *et* Baker, 1962.
Pennaseius Schuster *et* Pritchard, 1963: 299.
Typhlodromus (Phytoseius) van der Merwe, 1968: 100.
- Phytoseius (Euryseius)* Wainstein, 1970: 1726.
 Type species: *Phytoseius purseglovei* De Leon, 1965a: 13.
horridus species group Denmark, 1966: 83.
P. fotheringhamae species group Schicha, 1987: 35.
P. hawaiiensis species group Schicha, 1987: 36.
P. woolwichensis species group Schicha, 1987: 36.
plumifer species group Chant *et* Yoshida-Shaul, 1992: 12.
purseglovei species group Chant *et* Yoshida-Shaul, 1992: 12.
Type species: *Gamasus plumifer* Canestrini *et* Fanzago, 1876: 130.
- Phytoseius coheni* Swirski *et* Shechter, 1961** 柯氏植綫蟎
Phytoseius (Dubininellus) macropilis (Banks) *coheni* Swirski *et* Shechter, 1961: 104-106, figs. 11-13.
 Type locality: Tai Po Hui, Hong Kong.
 Type habitat: *Citrus maxima*.
 Type deposition: NUIA.
 Distribution: Hong Kong, India, the Philippines, Taiwan (Taipei, Yilan).
- Phytoseius crinitus* Swirski *et* Shechter, 1961** 長毛植綫蟎
Phytoseius (Dubininellus) crinitus Swirski *et* Shechter, 1961: 102-104, figs. 6, 8-10.
 Type locality: Victoria Mt. forest, Hong Kong.
 Type habitat: *Homalium cochinchinense*.
 Type deposition: NUIA.
 Distribution: China, Hong Kong, India, Indonesia, Japan, Madagascar, the Philippines, Reunion Island, Singapore, Taiwan (Matsu Island).
- Phytoseius hawaiiensis* Prasad, 1968**
 夏威夷植綫蟎
Phytoseius hawaiiensis Prasad, 1968a: 1460-1461, figs. 7-11.
Phytoseius (Phytoseius) haungi Ehara,

- 1970 (synonym according to Ehara, 2002b).
- Phytoseius (Dubininellus) hawaiiensis*.
Phytoseius (Phytoseius) hawaiiensis.
Phytoseius jianfengensis Chen, Chu et Zhou, 1980 (synonym according to Wu, 1997).
- Type locality: Manoa, Oahu, Hawaii.
Type habitat: *Euphorbia pulcherrima*.
Type deposition: BPBM.
Distribution: Australia, China, Hawaii, Indonesia, Japan, Malaysia, Mauritius, Papua New Guinea, the Philippines, Singapore, Tahiti, Thailand, Taiwan (Tainan).
- Phytoseius hongkongensis* Swirski et Shechter, 1961** 香港植綫蟎
Phytoseius (Phytoseius) hongkongensis Swirski et Shechter, 1961: 99-102, figs. 1-5.
Type locality: Hong Kong, Victoria Mt. forest.
Type habitat: *Heterosmilax gaudichaudiana*.
Type deposition: NUIA.
Distribution: Australia, China, Hong Kong, Indonesia, Japan, Kenya, Madagascar, Malaysia, Papua New Guinea, South Korea, Taiwan, Thailand.
- Phytoseius minutus* Narayanan, Kaur et Ghai, 1960** 微小植綫蟎
Phytoseius minutus Narayanan, Kaur et Ghai, 1960: 391-392, figs text-fig. 5, figs. a-h.
Type locality: New Delhi, Indian Agricultural Research Institute.
Type habitat: *Hibiscus esculentus*.
Type deposition: IARI.
Distribution: India, Taiwan.
- Phytoseius rugatus* Tseng, 1976** 皺褶植綫蟎
Phytoseius (Dubininellus) rugatus Tseng, 1976: 94-96, figs. 17-22.
Type locality: Tainan City, Taiwan.
Type habitat: *Acacia* sp..
Type deposition: BCIQ.
Distribution: Taiwan.
- Subfamily Typhlodrominae** 盲走蟎亞科
Typhlodromus Scheuten, Evans, 1958: 223.
Typhlodromus (Typhlodromus) Scheuten, Chant, 1957b: 531.
Typhlodromini Wainstein, 1962b: 26.
Gigagnathinae Wainstein, 1973: 276.
Type genus: *Gigagnathus* Chant, 1965a.
Gigagnathini, Karg, 1983: 299.
Cydnodromellinae Chant et Yoshida-Shaul, 1986b: 2812.
Type genus: *Cydnodromella* Muma, 1961.
Typhlodrominae Wainstein, Chant et McMurtry, 1994: 235.
Type genus: *Typhlodromus* Scheuten, 1857: 111.
- Tribe Chanteiini Chant et McMurtry, 1994** 錢綫蟎族
Chantiinae Chant et Yoshida-Shaul 1986b: 2025.
Chantiini Chant et McMurtry, 1994: 237.
Type genus: *Chanteius* (*Chanteius*) Wainstein, 1962b: 19.
- Genus *Chanteius* Wainstein, 1962** 錢綫蟎屬
Typhlodromus (Diadromus) Athias-Henriot, 1960: 67.
Type species: *Typhlodromus (Typhlodromus) contiguous* Chant, 1959a.
Chanteius (Chanteius) Wainstein, 1962b: 19.
Chiliseius (Chiliseius) [sic] Tseng, 1976: 97.
Type species: *Chiliseius (Chiliseius) lienii* Tseng, 1976 (= *Typhlodromus (Typhlodromus) contiguous* Chant, 1959a; Chant et Yoshida-Shaul, 1986b).
Diadromus, Chant et Yoshida-Shaul, 1986b: 2026.
Chanteius, Chant et Yoshida-Shaul, 1987: 2574.
T. parasukatus group Schicha et Corpuz-Raros, 1992: 24.
T. apoensis group Schicha et Corpuz-Raros, 1992: 24.
Type species: *Typhlodromus (Typhlodromus) contiguous* Chant, 1959a: 2574.

***Chanteius contiguus* (Chant, 1959)** 鄰近錢綏蟎

Typhlodromus (*Typhlodromus*) *contiguus*
Chant, 1959a: 29, figs. 1-6.

Chanteius lieni (Tseng, 1976): 97 (type locality: Yuli, Hualien; type habitat: *Pteridium aquilinum*). *Chiliseius* (*Chiliseius*) [sic] *leini* on original description (synonym according to Chant et McMurtry, 1994).

Type locality: New Territories, Tai Po, Hong Kong.

Type habitat: *Citrus* sp..

Type deposition: CNC.

Distribution: China, Hong Kong, Japan, Madagascar, the Philippines, Singapore, Taiwan (Hualien).

Tribe Typhlodromini Wainstein, 1962

盲走蟎族

Typhlodromus Scheuten: Evans, 1953: 449.

Typhlodromus (*Typhlodromus*): Chant, 1957c: 528.

Typhlodromini Wainstein, 1962b: 26.

Type genus: *Typhlodromus* Scheuten, 1857: 111.

Genus *Neoseiulella* Muma, 1961

 微新綏蟎屬

Neoseiulella Muma, 1961: 295.

Typhloctonus Muma, 1961: 299.

Type species: *Typhlodromus tiliarum*
Oudemans, 1930: 51.

Typhlodromus (*Nesbitteius*) section
Nesbitteius Wainstein, 1962b: 23.

Type species: *Typhlodromus nesbitti*
Womersley, 1954: 179.

Typhlodromus (*Nesbitteius*) section
Kallistoseius Wainstein, 1962b: 23.

Type species: *Typhlodromus tiliarum*
Oudemans, 1930a: 51.

Shiehia Tseng, 1975: 48.

Type species: *Shiehia multispinosa* Tseng,
1975: 48. (= *Typhlodromus comptus*
Corpuz-Raros, 1966: 729).

Typhloctonus (*Typhlocionus*) Wainstein,
1977: 1416.

Typhloctonus (*Neoseiulella*) Wainstein,
1977: 1416.

Typhloctonus (*Tasmanidromus*) Wainstein,
1977: 1416.

Type species: *Typhlodromus cottieri* Collyer,
1964b: 640.

Seiulus (*Typhloctonus*) Muma, Beglyarov,
1981: 19; Karg, 1983: 322.

Pegodromus Athias-Henriot et Fauvel,
1981: 71.

Type species: *Pegodromus crassipilis* Athias-
Henriot et Fauvel, 1981: 73.

Heteroseiulus Lehman, 1982: 236.

Type species: *Heteroseiulus aceris* Lehman,
1982: 236.

T. tiliarum group Chant, 1959b: 64.

tiliarum species group Chant et Yoshida-
Shaul, 1989a: 1008.

Type species: *Typhlodromus nesbitti*
Womersley, 1954: 179.

Neoseiulella compta (Corpuz-Raros, 1966)

 辮髮微新綏蟎

Typhlodromus comptus Corpuz-Raros, 1966:
729.

Neoseiulella multispinosa Tseng, 1975: 48
(synonym according to Chant et
Yoshida-Shaul, 1989).

Type locality: Los Banos, the Philippines.

Type habitat: *Casuarina equisetifolia*.

Type deposition: UPLB-MNH.

Distribution: the Philippines, Taiwan
(Lanyu Island).

Neoseiulella eleglidus (Tseng, 1983)

 長形微新綏蟎

Typhlodromus (*Typhlodromus*) *eleglidus*
Tseng, 1983: 64-67, figs. 120-126.

Type locality: Bantianyan, Chiayi County,
Taiwan.

Type habitat: *Litchi chinensis*.

Type deposition: BCIQ.

Distribution: Taiwan.

Genus *Typhlodromus* Scheuten, 1857

盲走蟎屬

Typhlodromus Scheuten, 1857: 111.

Typhlodromus (*Typhlodromus*) Chant, 1957b:
528.

Anthoseius De Leon, 1959c: 258.

Type species: *Anthoseius hebetis* De Leon,

- 1959c: 258.
Amblydromella Muma, 1961: 294.
 Type species: *Typhlodromus* (*Typhlodromus*) *fleschneri* Chant, 1960: 60.
Clavidromus Muina, 1961: 296.
 Type species: *Kampimodromus transvaalensis* Nesbitt, 1951: 55.
Typhlodromella Muma, 1961: 299.
 Type species: *Seiulus rhenanus* Oudemans, 1905: 78.
Chanteius (*Colchodromus*) Wainstein, 1962b: 19.
 Type species: *Typhlodromus rarus* Wainstein, 1961: 157.
Typhlodromus (*Neoseiulus*) Hughes, Wainstein, 1962b: 21.
Mumaseius De Leon, 1965c: 23.
 Type species: *Typhlodromus* (*Typhlodromus*) *singularis* Chant, 1957c: 289.
Orientiseius Muma et Denmark, 1968: 238.
 Type species: *Typhlodromus* (*Typhlodromus*) *richeri* Chant, 1960a: 62.
Typhlodromus (*Anthoseius*) van der Merwe, 1968: 20.
Indodromus Ghai et Menon, 1969: 348.
 Type species: *Indodromus meerutensis* Ghai et Menon, 1969: 348.
Wainsteinius Arutunjan, 1969: 180.
 Type species: *Typhlodromus leptodactylus* Wainstein, 1961: 153.
Anthoseius (*Anthoseius*) Wainstein, 1972: 1477.
Anthoseius (*Amblydromellus*) Wainstein, 1972: 1477.
Anthoseius (*Indodromus*) Wainstein, 1972: 1478.
Anthoseius (*Aphanoseius*) Wainstein, 1972: 1478.
 Type species: *Anthoseius* (*Aphanoseius*) *verrucosus* Wainstein, 1972: 1480.
Berethria Tuttle et Muma, 1973: 35.
 Type species: *Berethria arizonica* Tuttle et Muma, 1973: 36.
Vittoseius Kolodochka, 1988: 42.
 Type species: *Vittoseius poutari* Kolodochka, 1988: 42.
Typhlodromus (*Trionus*) Denmark, 1992: 32.
 Type species: *Typhlodromus magdalenae* Pritchard et Baker, 1962: 218.
Typhlodromus (*Oudemanus*) Denmark, 1992: 34.
 Type species: *Typhlodromus longipalpus* Swirski et Ragusa, 1976: 115.
Anthoseius (*Litoseius*) Kolodochka, 1992: 22.
 Type species: *Anthoseius* (*Litoseius*) *spectatus* Kolodochka, 1992: 22.
T. rhenanus group, Chant, 1959b: 62.
T. barkeri group, Chant, 1959b: 60.
Type species: *Typhlodromus pyri* Scheuten, 1857: 111.
- Typhlodromus* (*Anthoseius*) *changi* Tseng, 1975** 張氏盲走蟎
Typhlodromus (*Typhlodromus*) *changi* Tseng, 1975: 57-60, figs. 14-21.
Amblydromella changi (Tseng): de Moraes, McMurtry, et Denmark, 1986: 162.
Amblydromella (*Amblydromella*) *changi* (Tseng): Denmark et Welbourn, 2002.
 Type locality: Neipu, Chiayi County, Taiwan.
 Type habitat: *Areca catechu*.
 Type deposition: BCIQ.
 Distribution: Taiwan.
- Typhlodromus* (*Anthoseius*) *gracilentus* Tseng, 1975** 細小盲走蟎
Typhlodromus (*Typhlodromus*) *gracilentus* Tseng, 1975: 61-64, figs. 22-26.
Amblydromella gracilentus (Tseng): de Moraes, McMurtry, et Denmark, 1986: 162.
Amblydromella (*Amblydromella*) *gracilentus* (Tseng): Denmark et Welbourn, 2002.
 Type locality: Yueshijie, Kaohsiung City, Taiwan.
 Type habitat: *Grevillea robusta*.
 Type deposition: BCIQ.
 Distribution: Taiwan.
- Typhlodromus* (*Anthoseius*) *lanyuensis* Tseng, 1975** 蘭嶼盲走蟎
Typhlodromus (*Typhlodromus*) *lanyuensis* Tseng, 1975: 54-57, figs. 9-13.
Amblydromella lanyuensis: de Moraes, McMurtry, et Denmark, 1986.

Amblydromella (Amblydromella) lanyuensis:
Denmark et Welbourn, 2002.

Type locality: Lanyu Island, Taiwan.

Type habitat: weeds.

Type deposition: BCIQ.

Distribution: Taiwan.

Typhlodromus (Anthoseius) neocrassus
Tseng, 1983 新粗糙盲走蟎

Typhlodromus (Typhlodromus) neocrassus
Tseng, 1983: 67, figs. 127-134.

Type locality: Taichung City, Taiwan.

Type habitat: *Psidium guajava*.

Type deposition: BCIQ.

Distribution: Taiwan.

Typhlodromus (Anthoseius) obesus Tseng,
1983 肥胖盲走蟎

Typhlodromus (Typhlodromus) obesus Tseng,
1983: 64, figs. 113-119.

Type locality: Hualien County, Taiwan.

Type habitat: unknown plant.

Type deposition: BCIQ.

Distribution: Taiwan.

Typhlodromus (Anthoseius)
pseudoserrulatus Tseng, 1983 偽鋸胸盲
走蟎

Typhlodromus (Typhlodromus) obesus Tseng,
1983: 71.

Type locality: Fenggang, Pingtung County,
Taiwan.

Type habitat: *Euphoria longana*.

Type deposition: BCIQ.

Distribution: Taiwan.

Typhlodromus (Anthoseius) ryukyuensis
Ehara, 1967 琉球盲走蟎

Typhlodromus (Anthoseius) ryukyuensis
Ehara, 1967a: 69-71, figs. 7-11.

Typhlodromus (Typhlodromus) ryukyuensis:
Tseng, 1975.

Amblydromella ryukyuensis: de Moraes,
McMurtry, et Denmark, 1986.

Amblydromella (Aphanoseia) ryukyuensis:
Denmark et Welbourn, 2002.

Type locality: Nakijin.

Type habitat: *Citrus* sp..

Type deposition: EIHU.

Distribution: China, Japan, Taiwan (Pingtung).

Typhlodromus (Anthoseius)
transvaalensis (Nesbitt, 1951) 南非盲走蟎
Kampimodromus transvaalensis Nesbitt,
1951: 55-56.

Typhlodromus jackmicleyi De Leon, 1958:
75 (synonym according to Abbasova,
1972).

Typhlodromus transvaalensis (Nesbitt):
Schicha, 1981: 36; Schicha et Corpuz-
Raros, 1992: 79.

Typhlodromus (Anthoseius) pectiatus Athias-
Henriot, 1958 (synonym according to
Abbasova, 1972).

Clavidromus transvaalensis (Nesbitt):
Moraes, McMurtry et Denmark, 1986:
182.

Type locality: Nylstroom, Transvaal, South
Africa.

Type habitat: *Arachis hypogaea*.

Type deposition: CNC.

Distribution: Australia, Azerbaijan, Brazil,
Cameroon, Cape Verde, Colombia, Costa
Rica, Egypt, Georgia, Hawaii, Israel,
Jordan, New Caledonia, Panama, the
Philippines, Reunion Island, Singapore,
South Africa, Taiwan (Chiayi).

Typhlodromus (Anthoseius) tridentiger
Tseng, 1975 三齒盲走蟎

Typhlodromus (Typhlodromus) tridentiger
Tseng, 1975: 64-67, figs. 27-34. (type
locality: Lanyu Island; type habitat:
unknown plant).

Amblydromella tridentiger (Tseng): Moraes,
McMurtry, et Denmark, 1986: 177.

Amblydromella (Amblydromella) tridentiger:
Denmark et Welbourn, 2002.

Type locality: Lanyu Island, Taiwan.

Type habitat: unknown plant.

Type deposition: BCIQ.

Distribution: Taiwan.

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臺灣產植綏蝨科名錄 (蝨蟬亞綱：植綏蝨科)

廖治榮¹、何琦琛²、柯俊成^{1*}

¹ 國立臺灣大學昆蟲學系 10617 臺北市大安區羅斯福路四段 1 號

² 臺灣蝨蟬研究室 mtho2005@yahoo.com.tw

摘 要

全世界已知的植綏蝨科共 3 亞科、15 族、84 屬，已記錄超過 2,300 種。本名錄將提供臺灣地區 3 亞科、9 族，14 屬，共 53 種植綏蝨科種類之學名與中文名錄。此外，尚包括異名表、模式產地、寄主植物、模式標本存放處、分布等資料。

關鍵詞：植綏蝨、臺灣、名錄、中文名。