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The psyllids (Homoptera: Psylloidea) of the Oriental Zoogeographical Region: an annotated check-list

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The 357 species of jumping plant lice (Homoptera: Psylloidea) recorded from the Oriental zoogeographical realm, including the whole of mainland China, are listed under their respective genera. Information is given on synonymy, host-plants and distribution. The position of problematical taxa is discussed. The check list is supplemented by a taxonomic list of host-plants and their associated psyllids and by a resumé of published descriptions of undetermined psyllid galls.

Introduction

Earlier papers have catalogued the psyllids or jumping plant lice of the Neotropical, Palaearctic, Austro-Oriental, Pacific and Hawaiian zoogeographic realms (Hodkinson and White, 1981; Hodkinson, 1983; Klimaszewski, 1973). This paper attempts to draw together the literature on the psyllids of the Oriental Region, including the area of mainland China excluded from Klimaszewski's check-list of palaearctic species. The geographical limits of the Oriental Region are necessarily arbitrary and this account incorporates all psyllid records from Pakistan, India, Sri Lanka, Nepal, Bhutan, Bangladesh, Burma, Thailand, Vietnam, Laos, the Khmer Republic, mainland China, Taiwan, Hong Kong and Macao. For some widespread palaearctic species which penetrate the northern areas of the Oriental Region, reference is also made to Klimaszewski's check-list and where appropriate to more recent records from adjacent areas of the Palaearctic such as Mongolia, Korea and the Primorye territory of the USSR. A list of Taiwanese psyllids was included in the Austro-Oriental check-list. Nevertheless, Taiwan more properly belongs within the Oriental Region and as the psyllid fauna has recently been monographed this opportunity has been taken to update information on the Taiwanese fauna.

The Oriental fauna exhibits links with the Afrotropical Region through the common genera *Acizzia*, *Colposcena*, *Diaphorina*, *Homotoma*, *Macrohometoma*, *Paurocephala*, *Pauropsylla*, *Pseudophacopteron*, *Trichohermes* and certain groups within the large diverse genus *Trioza*. A highly characteristic African species *Diaphorina dakariensis*, originally described from Senegal, has recently been found in India. Links with the Austro-Oriental Region are well-developed at both the generic and specific level and common genera such as *Mycopsylla* and *Mesohometoma* link the Oriental and Australian Regions. Furthermore, some Indian species, currently residing in *Euphyllura*, appear to belong to the typically Australian/New Zealand/Pacific genus *Ctenarytaina*.

Several species are apparently wrongly placed within the psyllid classification but the temptation to transfer species between genera or to synonymize species without

examining types has been resisted except where unavoidable. Such moves are best made at the revision stage. However, indication is given of where the misplaced species are thought to belong and suspected synonyms are highlighted. Much recent work on the Oriental species has been uncritical and insufficient reference has been made to existing taxa. In consequence several taxa have been established on flimsy character sets with little thought to evolutionary relationships. Furthermore, unnecessary taxa are still being established and this will undoubtedly result in future confusion.

The check-list employs the same format as the earlier catalogues (Hodkinson and White, 1981; Hodkinson, 1983). Genera are designated by capital letters and are arranged alphabetically. Species as presently conceived are listed alphabetically in bold italics within their respective genera. Synonyms, misidentifications and misspellings of names are indented in italics. References in square brackets following a specific name relate to those authors who have referred to the species in question under that name. For each species the type locality and host-plant is given: where species are recorded from countries other than the type locality a further note on distribution is added. Host-plants are quoted directly from the original records as trying to revise names at this stage may compound errors which have already occurred. However, in the host-plant catalogue given after the checklist, the generic names of plants follows Willis (1973). The abbreviation (BM) is used throughout to indicate material deposited in the British Museum (Natural History) and not recorded in the literature. In the earlier checklists the family classification for each genus followed Bekker-Migdisova (1973): here it follows the more recent family classification of White and Hodkinson (1985).

SUPERFAMILY PSYLLOIDEA

ACIZZIA Heslop-Harrison, 1949a, 1961b. [PSYLLIDAE]

TYPE-SPECIES: *Psylla acaciae* Maskell, 1894

A legume-feeding genus found throughout Africa, Arabia, India and Australia/New Zealand. Originally described as *Neopsylla*, a preoccupied name.

indica (Heslop-Harrison, 1949a) [Mathur, 1975; Loginova, 1977]

Neopsylla indica Heslop-Harrison [Mathur, 1952]

Arytaina sp. [Mathur, 1935; Beeson, 1941]

Type locality: India and Pakistan. Host-plant: *Albizzia procera* and possibly *A. lebbek* (BM).

AGONOSCENA Enderlein, 1914 [APHALARIDAE]

TYPE-SPECIES: *Psylla targionii* (Lichtenstein, 1874)

A small genus with representatives known from the Mediterranean basin and the adjacent arid regions of the Old World. A single species is known from Africa and a further species occurs in Pakistan (Hodkinson and Hollis, 1981; Capener, 1973).

bimaculata Mathur, 1973a

Type locality: Pakistan. Host-plant: *Pistacia* sp.

APHALARA Förster, 1848 [APHALARIDAE]

TYPE-SPECIES: *A. polygoni* Förster, 1848

A large temperate holarctic genus which reaches its southern limit within the region (Hodkinson 1980).

exilis (Weber and Mohr, 1804) [Klimaszewski, 1963, 1967a, b, 1968a, 1969, 1973; Konovalova, 1972; Kuwayama and Miyatake, 1971]

Tettigonia exilis Weber and Mohr.

Type locality: Europe. Distribution: broadly distributed throughout the Palaearctic. Known from China and the adjacent regions of Mongolia and the Primorye Territory of the USSR. Host-plant: *Rumex* spp. Klimaszewski (1973) and Hodkinson and White (1979) give bibliographies for the Palaearctic Region.

hedini Enderlein, 1936

Type locality: China. Host-plant: unknown.

itadori (Shinji, 1938) [Miyatake, 1964a, 1965a, 1966; Baba and Miyatake, 1971; Klimaszewski, 1973; Hodkinson, 1983a; Yang, 1984]

Psylla itadori Shinji [Shinji, 1949]

Type locality: Japan. Distribution: Taiwan; Amami Oshima; Korea. Host-plants: *Polygonum cuspidatum*, *P. reynoldii* and *P. reynoutria*.

maculipennis Löw, 1886 [Heslop-Harrison, 1946, 1949c; Klimaszewski, 1973; Loginova, 1974a; Mathur, 1975]

Type locality: Austria. Distribution: Western Europe; Northern India; Mongolia. Host-plants: *Polygonum hydropiper*, *P. aviculare* and *P. lapathifolium*. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

ossiannilssoni Mathur, 1975

Type locality: India. Host-plant: *Polygonum microcephalum* Don.

polygoni Förster, 1848 [Kuwayama and Miyatake, 1971; Baba and Miyatake, 1971; Miyatake, 1969b, 1976; Kwon, 1983; Konovalova, 1972; Klimaszewski, 1963, 1964a, 1967a, b, 1968a, b, 1969, 1972a]

Type locality: Europe. Distribution: throughout Europe and across the palaearctic to Japan (see Klimaszewski, 1973). China; Japan; Korea; Mongolia; USSR Primorye Territory. Host-plant: *Polygonum* species. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

APSYLLA Crawford, 1912

[CALOPHYIDAE]

TYPE-SPECIES: *Psylla cistellata* Cotes, 1893b

A monotypic genus close to *Calophya*.

cistellata (Cotes, 1893b)

Apsylla cistellata (Buckton, 1893b) [Crawford, 1912; Fletcher, 1917c, 1919; Ramakrishna, 1924; Mathur, 1935, 1946, 1975; Beeson, 1941; Gupta, 1953; Singh, 1954; Prasad, 1957; Gupta and Haq, 1958; Chatterjee and Sebastian, 1965; Heslop-Harrison, 1951a, 1958; Singh *et al.*, 1975; Loginova, 1982; Srivastava *et al.*, 1982]

Psylla cistellata Buckton [Buckton, 1893a, b; Vosseler, 1906; Maxwell-Lefroy, 1909; Ramakrishna, 1919]

Apsylla cistella Buckton [Mani, 1948, 1959, 1973]

Type locality: India. Distribution: Bangladesh (BM). Host-plant: *Mangifera indica* L. Cotes's description ante dates that of Buckton to whom the species is usually attributed.

ARYTAINA Förster, 1948

[PSYLLIDAE]

TYPE-SPECIES: *Psylla genistae* Latreille, 1804

None of the species included below in this loosely defined genus are close to the European type-species (see Loginova, 1976a).

albizziae Yang, 1984

Type locality: Taiwan. Host-plant: *Albizzia julibrissin* Durazz. This is almost certainly an *Acizzia* species.

cornicola Frauenfeld, 1869 [Frank, 1896]

Type locality: China. Host-plant: *Rhamnus* species. A dubious species.

fasciata Laing, 1930 [Heslop-Harrison, 1951b; Mathur, 1975]

Type locality: Pakistan. Host-plant: unknown.

isitis (Cotes, 1893a) [Cotes, 1893b; Maxwell-Lefroy 1909, 1913; Grove and Gosh, 1914; Houard, 1922; Sundar Raman, 1924]

Psylla isitis Buckton [Aulmann, 1913]

Arytaina isitis Buckton [Fletcher, 1919]

Psyllopa punctipennis Crawford, 1912

Arytaina punctipennis (Crawford, 1912) [Crawford, 1917, 1919; Ramakrishna, 1924; Rahman, 1932; Mathur, 1975; Loginova, 1982]

Type locality: India. Host-plants: *Indigofera hebeptala* Benth, *I. pulchella* Roxb., *I. anil*, *I. arrecta*, *I. oligosperma*, *I. paucifolia*, *I. tinctoria*.

obscura (Crawford, 1912) [Crawford, 1919, 1924; Ramakrishna, 1924; Mathur, 1975]

Psyllopa obscura Crawford, 1912

Pauropsylla obscura Crawford [Enderlein, 1921]

Type locality: India. Host-plant: unknown, possibly *Dalbergia*.

spinosa Mathur, 1975 [Miyatake, 1981b]

Type locality: India. Distribution: Nepal. Host-plant: *Albizzia procera* Benth, *Albizzia chinensis* (Osbeck) Merr. (= *A. stipulata* Boiv.). This is almost certainly an *Acizzia* species.

thakrei Mathur, 1973b [Loginova, 1977]

Type locality: India. Host plants: *Dalbergia sisoo* Roxb., *Albizzia procera* Benth.

BACTERICERA Puton, 1876

[TRIOZIDAE]

TYPE-SPECIES: *B. perrisi* Puton, 1876

A large holarctic genus, which has recently been recognized as distinct from *Trioza* *sensu lato* (Klimaszewski, 1967c).

dubia Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

nigra Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

BHARATIANA Mathur, 1973b

[PHACOPTERONIDAE?]

TYPE-SPECIES: *B. octospinosa* Mathur, 1973b

A small but characteristic genus known from India and China. Its relationship is not clear.

octospinosa Mathur, 1973b

Type locality: India. Distribution: Pakistan (BM). Host-plant: possibly *Cedrela* sp. (BM).

septentrionalis Yang and Li, 1983a

Type locality: China. Host-plant: unknown.

toonae Yang and Li, 1983a

Type locality: China. Host-plant: *Toona sinensis* (A. Juss) Room.

toonaqiana Yang and Li, 1983a

Type locality: China. Host-plant: *Toona sinensis* (A. Juss.) Room.

BOSELLIUS Yang, 1984

[APHALARIDAE]

TYPE-SPECIES: *B. euryae* Yang, 1984

A monotypic genus described from Taiwan which appears to be synonymous with *Ctenarytaina* Ferris & Klyver.

euryae Yang, 1984

Type locality: Taiwan. Host-plant: *Eurya japonica* Thunb.

CAENOHOMOTOMA—see *Homotoma*.

CALOPHYA Löw, 1879

[CALOPHYIDAE]

TYPE-SPECIES: *Psylla rhois* Löw, 1878

A large genus known from the Holarctic, Neotropical, Oriental and Austro/Oriental zoogeographical Regions. The majority of species feed on plants within the families Anacardiaceae and Burseraceae.

nigridorsalis Kuwayama, 1908 [Aulmann, 1913; Uye, 1937a; Miyatake, 1964b, 1969b, 1976; Klimaszewski, 1973; Hodkinson, 1983a; Yang, 1984]

Type locality: Japan. Distribution: Taiwan; Ryukyu Is. Host plants: *Rhus succedanea* L., *R. verniciflua* Stokes, *R. chinensis* Mill., *R. trichocarpa* Miq., *R. ambigua* Lav.

evodiae Yang, 1984

Type locality: Taiwan. Host-plant: *Evodia meliaefolia* (Hance) Benth.

meliorata Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

triangula Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

CARSIDARA Walker, 1869

[CARSIDARIDAE]

TYPE-SPECIES: *C. marginalis* Walker, 1869

A small Old World genus with a complex synonymy.

limbata (Enderlein, 1926) comb. nov.

Thysanogyna limbata Enderlein [Wu, 1935]

Type locality: China. Host-plant: unknown.

Thysanogyna minor, the type of *Thysanogyna* is a synonym of *Carsidara marginalis*. Therefore *T. limbata* must belong in *Carsidara*.

marginalis Walker, 1869 [Scott, 1882; Crawford, 1911a; Aulmann, 1913; Crawford, 1924; Heslop-Harrison, 1960b; Hodkinson, 1983a]

Dynopsylla minor Crawford, 1915

Thysanogyna minor (Crawford) [Crawford, 1919; Miyatake, 1981a]

Eustigma minor (Crawford) [Enderlein, 1921]

Type locality: Indonesia. Distribution: Philippines, Malaya, Hong Kong, Japan. Host: *Firmiana simplex* Wright. This species has been much confused and *Dynopsylla minor*, a synonym, has at various times been made the type of both *Thysanogyna* Crawford and *Eustigmia* Enderlein. Heslop-Harrison (1960a) confuses matters by stating, without reasons, that *minor* may be distinct from *marginalis*. Miyatake (1981a) described a sub-species of *minor* from Japan.

CECIDOPSYLLA Kieffer, 1905

[CALOPHYIDAE]

TYPE-SPECIES: *C. schimae* Kieffer, 1905

A small but characteristic Oriental genus.

rara Mathur 1973b

Type locality: India. Host-plant: unknown.

schimae Kieffer, 1905 [Maxwell-Lefroy, 1909; Aulmann, 1913; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948; Mathur, 1975; Miyatake, 1981b]

Type locality: India. Distribution: Nepal. Host-plant: *Schima wallichii* Choisi (Chilauni).

spinosa Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

CECIDOTRIOZA Kieffer, 1908

[TRIOZIDAE]

TYPE-SPECIES: *C. baccharum* Kieffer, 1908

A small heterogeneous genus close to *Trioza sensu lato*. Species are included both from tropical Asia and Argentina (Hodkinson and White, 1981; Hodkinson, 1983a).

baccharum Kieffer, 1908 [Aulmann, 1913; Houard, 1923; Ramakrishna, 1924; Sundar Raman, 1924; Boselli, 1930a; Mani, 1948, 1959, 1973]

Type locality: India. Host-plant: *Symplocos theaeifolia*?

sozanica Boselli, 1930a [Takahashi, 1936; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Daphniphyllum pentandrum* Hayata, *D. glaucescens*.

CELTISASPIS Yang and Li, 1982a

[SPONDYLIASPIDIDAE]

TYPE-SPECIES: *C. sinica* Yang and Li 1982a

A genus established to include the Asian *Celtis*—feeding species which previously would have been referred to *Pachypsylla*. The nymphs of some species form characteristic lerps.

beijingana Yang and Li, 1982a

Type locality: China. Host-plant: unknown.

guizhouana Yang and Li, 1982a

Type locality: China. Host-plant: unknown.

japonica (Miyatake, 1968b) [Yang and Li, 1982a]

Pachypsylla japonica Miyatake, 1968b [Miyatake, 1980; Kwon, 1983]

Type locality: Japan. Distribution: China; Korea. Miyatake (1980) records this species from China without further comment. Host-plant: *Celtis sinensis* Pers. var *japonica* (Planch) Nakai.

liaoningana Yang and Li, 1982a

Type locality: China. Host-plant: unknown.

sinica Yang and Li, 1982a

Type locality: China. Host-plant: unknown.

zhejiangana Yang and Li, 1982a

Type locality: China. Host-plant: unknown.

CEROPSYLLA Riley, 1885

[TRIOZIDAE]

TYPE-SPECIES: *C. sideroxyli* Riley, 1885

Mathur (1975) included Indian species in this otherwise central American Triozid genus.

ferruginea Mathur, 1975

Type locality: India. Host-plant: *Miliusa velutina* Hook and Thoms.

fulvida Mathur, 1975

Type locality: India. Host-plant: *Ficus macrocarpa* (= *F. retusa* L.), *F. rumphi* Blume.

minuta Mathur, 1975

Phyllopecta sp.n. [Mathur, 1935]

Phyllopecta sp. [Beeson, 1941; Mani, 1973]

Phyllopecta sp. 2 [Mani, 1948]

Type locality: India. Host-plant: *Shorea robusta*.

CHINEURA Tuthill, 1964

[PHACOPTERONIDAE]

TYPE-SPECIES: *C. latipennis* Tuthill, 1964

A small Oriental/Pacific genus which is almost certainly synonymous with *Pseudophacopteron* Enderlein.

alba Yang and Tsay, 1980a [Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Canarium album* (Lour.) Raeusch.

COLPOSCENIA Enderlein, 1929

[APHALARIDAE]

TYPE-SPECIES: *Aphalara aliena* Löw, 1881

A *Tamarix*-feeding genus occurring in Africa, the Mediterranean basin and the arid regions of central Asia. Three species are known from India and Pakistan (Loginova, 1974b; Hollis, 1974).

aliena (Löw, 1881) [Klimaszewski, 1973; Loginova, 1974b; Halperin *et al.*, 1982]

Aphalara aliena Löw, 1881

Type locality: Egypt. Distribution: Canary Is.; Morocco; Algeria; Sudan; Ethiopia; Israel; Turkey; USSR, Caucasus, Kazakh SSR; Afghanistan; Mongolia; Pakistan. Host-plant: *Tamarix nilotica* (Ehrenberg); *T. arceuthoides*.

constricta Mathur, 1975

Type locality: India. Host-plant: *Tamarix* sp.

elegans (Bergevin, 1932) [Klimaszewski, 1973; Loginova, 1974b; Halperin *et al.*, 1982]
Aphalara elegans Bergevin, 1932

Type locality: Algeria. Distribution: Algeria; Egypt; Israel; Ethiopia; Yemen; South Yemen; Pakistan. Host-plant: *Tamarix aphylla* Karsten.

CORNEGENAPSYLLA Yang and Li, 1982b [PHACOPTERONIDAE]

TYPE-SPECIES: *C. sinica* Yang and Li, 1982b

A monotypic genus related to *Phacopteron* and *Pseudophacopteron*. See also *Neophacopteron*.

sinica Yang and Li, 1982b

Type locality: China. Distribution: Thailand, Malaya (BM). Host-plant: *Dimocarpus longana* Lour. (= *Euphoria longana*).

CRYPTOTRIOZA Lahiri and Biswas, 1979 [TRIOZIDAE]

TYPE-SPECIES: *C. mathuri* Lahiri and Biswas 1979

A monotypic genus which is not clearly differentiated from several other genera centered around *Trioza sensu lato*.

mathuri Lahiri and Biswas, 1979

Type locality: India. Host-plant: possibly *Symplocos* sp.

CYAMOPHILA Loginova, 1976a [PSYLLIDAE]

TYPE-SPECIES: *Psylla fabra* Loginova, 1964

A moderate sized genus of about 35 species, nearly all of which feed on legumes. Species are found throughout the southern arid regions of the Palaearctic (Loginova, 1977).

hexastigma (Horvath, 1899) [Loginova, 1977; Kwon, 1983]

Psylla hexastigma Horvath [Oshanin, 1907; Kuwayama, 1908; Šulc, 1910, 1913; Aulmann, 1913; Sasaki, 1954; Miyatake 1963, 1964a, 1969b, 1976; Kuwayama and Miyatake, 1971; Konovolova, 1972]

Psylla willeti Wu, 1932 [Wu, 1935]

Type locality: Japan. Distribution: Korea; USSR—Siberia, Primorye Territory; China. Host-plant: recorded from *Maackia amurensis*, *Styphnolobium japonicum*, *Hydrangea* sp. and *Sophora japonica* L.

prohaskai (Priesner, 1927) [Loginova, 1977]

Psylla prohaskai Priesner 1927 [Kuwayama and Miyatake, 1971; Klimaszewski, 1973; Burckhardt, 1983]

Type locality: Austria. Distribution: Switzerland; China? Host-plant: *Anthyllis vulneraria*. Previously recorded from central Europe, it is unlikely that the single female recorded by Kuwayama and Miyatake (1971) from China belongs to this species. Burckhardt (1983) summarizes the European distribution record.

DIAPHORINA Löw, 1879 [APHALARIDAE]

TYPE-SPECIES: *D. putoni* Löw, 1879

A large homogenous genus typically associated with the warm arid regions of Africa

and Asia. It is exceptional among psyllid genera in that members feed on plants in a variety of families. Hollis (1985) has recently placed *Eudiaphorina* Loginova and *Pennavena* Capener in synonymy.

aegyptiaca Puton, 1892 [Oshanin, 1907; Aulmann, 1913; Klimaszewski, 1973; Samy, 1973]

cardiae Crawford, 1924 [Ramakrishna, 1924; Mathur, 1935, 1973a, 1975; Burckhardt, 1985]

salvadorae Loginova, 1978b [Halperin *et al.*, 1982; Burckhardt, 1985]

Type locality: Egypt. Distribution: Sudan; Crete; Cyprus; Israel; Pakistan; India. Host-plants: *Cordia grandis* Roxb., *C. myxa* L., *C. obliqua* Willd., *C. sinensis*.

bikanerensis Mathur, 1975

Type locality: India. Host-plant: *Leptadenia spartium* White.

citri Kuwayama, 1908 [Aulmann, 1913; Crawford, 1924; Ramakrishna, 1924; Boselli, 1930a; Kuwayama, 1931, 1943; Hoffman, 1936; Pruthi and Batra, 1938; Clausen, 1933; Bindra, 1957; Mangat, 1961; Atwal, 1962; Benerjee and Mokerjee, 1962; Sethi, 1967; Capoor *et al.*, 1967; Atwal *et al.*, 1970; Miyatake, 1964b, 1965a, 1972a; Orian, 1970; Mathur, 1975; Aubert *et al.*, 1980; Hodkinson and White, 1981; Hodkinson, 1983a; Burckhardt, 1981; Yang, 1984]

Diaphorina truncata [Wu, 1935]

Euphalerus citri (Kuwayama) [Crawford 1913, 1917, 1919; Fletcher, 1917b, 1919]

Type locality: Taiwan. Distribution: The Commonwealth Institute of Entomology (1974) published a distribution map showing a broad distribution throughout the Oriental and Austro/Oriental realms. It has also been introduced into South America. Host-plant: various cultivated *Citrus* species including *C. sinensis* (L.) Osbeck, *C. mitis* Blanco, *C. reticulata*, *C. aurantium*, *C. medica* and *C. decumana*. Also on *Murraya paniculata* (L.) Jack and *M. koenigii*. Husain and Nath (1927), Martinez and Wallace (1967) and Pande (1971, 1972) give details of biology.

communis Mathur, 1975

Diaphorina sp. [Mathur, 1935; Beeson, 1941]

Diaphorina mathuri Loginova 1978b **syn. n.**

Type locality: India. Distribution: Nepal (BM). Host-plant: *Murraya koenigii* Spreng. *M. paniculata* (L.) Jack: rarely on *Citrus*. Loginova's *D. mathuri* was described from material collected at the same time and place as the type of *D. communis*.

dakariensis Boselli 1930b.

Type locality: Senegal. Distribution: India, in my collection. Host-plant: unknown.

dunensis Mathur, 1975

Type locality: India. Host-plant: *Ehretia acuminata* R.Br.

guttulata Lethierry 1890 [Aulmann, 1913; Ramakrishna, 1924; Crawford, 1924].

enderleini Klimaszewski [Mathur, 1975]

Euphalerus citri partim [Crawford 1917; Ramakrishna, 1924]

Type locality: India. Host-plant: unknown. Mathur's (1975) account under the name *enderleini* is confused. Enderlein (1910) described *Gonanoplicus guttulata* from Africa while Lethierry described *D. guttulata* from India. Klimaszewski (1964b) synonymized *Gonanoplicus* with *Diaphorina* and *D. guttulata* (Enderlein) became a

junior homonym of *D. guttulata* Lethierry. He therefore proposed the replacement name *enderleini*.

gymnosporiae Mathur, 1975

Type locality: India. Distribution: Pakistan (BM). Host-plant: *Gymnosporia spinosa* (Forsk.) Fiori (= *G. montana* Benth.) and *G. royleana*.

truncata Crawford, 1924 [Ramakrishna, 1924; Mathur, 1935, 1975; Beeson, 1941; Mani, 1959; Hollis, 1985]

Eudiaphorina truncata (Crawford) [Loginova, 1975]

Diaphornia truncata Crawford [Wu, 1935]

indet. psyllid? [Sundar Raman, 1924]

Type locality: India. Distribution: China. Host-plant: *Strychnos nuxvomica* L. Loginova (1975) made this the type of a new monotypic genus *Eudiaphorina* but Hollis (1985) merged *Eudiaphorina* with *Diaphorina*.

venata Mathur, 1975

Type locality: India. Host-plant: *Santalum album*.

DICERAOPSYLLA Crawford, 1912

[APHALARIDAE]

TYPE-SPECIES: *D. brunetti* Crawford, 1912

A small genus from India. Crawford states that it resembles *Heteropsylla* but the head is somewhat cleft as in *Rhinopsylla*.

brunetti Crawford, 1912 [Ramakrishna, 1924; Mathur, 1975]

Type locality: India. Host-plant: unknown.

stevensi (Laing, 1930) [Hollis, 1984]

Pauropsylla stevensi Laing, 1930 [Loginova, 1972a; Mathur, 1975]

Type locality: India. Host-plant: unknown.

DYNOPSYLLA Crawford, 1913

[HOMOTOMIDAE]

TYPE-SPECIES: *D. cornuta* Crawford, 1913

A small Oriental-Austro/Oriental genus close to *Macrohomotoma*.

grandis Crawford, 1924 [Crawford, 1925d; Ramakrishna, 1919, 1924; Mathur, 1935, 1973b, 1975]

Dinopsylla grandis Crawford [Mani, 1935, 1948, 1959, 1973; Nayar, 1944, 1948]

Crawfordella grandis (Enderlein, 1926) [Hodkinson and White, 1981]

Type locality: India. Distribution: South America; Brazil. Host-plant: *Ficus nervosa*, *Ficus talboti* King? This species has apparently been introduced into South America.

pinnativena (Enderlein 1914) [Enderlein 1921; Crawford, 1924; Kuwayama, 1931; Takahashi, 1936; Miyatake, 1965b; Mathur, 1975; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Ficus nervosa* Heyne.

EDENUS—SEE *Mycopsylla*.

EGEIROTRIOZA Boselli, 1931

[TRIOZIDAE]

TYPE-SPECIES: *Trioza ceardi* Bergevin, 1926

A small *Populus*-feeding genus distributed throughout the warm arid areas of the

Palearctic and extending into India and Pakistan. Loginova (1976b) reviews the genus.

ceardi (Bergevin, 1926) [Boselli, 1931; Loginova, 1972b, 1976b]

Trioza ceardi Bergevin [Heslop-Harrison, 1946; Mathur, 1975]

Phylloplecta gardneri Laing, 1930 [Mathur, 1935; Mani, 1948, 1959, 1973; Beeson, 1941]

Type locality: Tunisia. Distribution: Morocco; Iran; Iraq; Pakistan; India; Mongolia; USSR; Kazakhstan. Host-plant: *Populus euphratica* Oliv.

populi (Horvath, 1915) [Loginova, 1976b]

Trioza populi Horvath [Kuwayama and Miyatake, 1971]

Heterotrioza populi Horvath [Klimaszewski, 1973]

Known previously only from Hungary. Kuwayama and Miyatake (1971) recorded a single female from China. The host-plant is presumed to be *Populus* sp.

EPIPSYLLA Kuwayama, 1908

[PSYLLIDAE]

TYPE-SPECIES: *E. albolineata* Kuwayama, 1908

An Oriental, Austro-Oriental, Pacific legume-feeding genus which shows affinities with the Neotropical genus *Mitropsylla* Crawford (see Hodkinson and White, 1981).

albolineata Kuwayama 1908 [Aulmann, 1913; Crawford, 1919; Boselli, 1930a; Kuwayama, 1931; Tuthill, 1964; Yang and Tsay, 1980b; Hodkinson, 1983a; Yang, 1984; Yang and Lee 1984c]

Type locality: Taiwan. Distribution: Caroline Islands. Host-plants: *Mucuna subferruginea*, *M. ferruginea* Matsum and possibly *Derris* sp.

crotalariae Yang and Li, 1984c

Type locality: China. Host-plant: *Crotalaria retusa*.

guangxiana Yang and Li, 1983b

Type locality: China. Host-plant: *Whitfordiodendron filipes* (Dunn) Dunn.

hainanana Yang and Li, 1983b [Yang and Lee, 1984c]

Type locality: China. Host-plant: unknown.

liui Yang and Li, 1983b [Yang and Lee, 1984c]

Type locality: China. Host-plant: unknown.

madana Yang and Li, 1983b

Type locality: China. Host-plant: unknown.

mucunae Yang and Li, 1984c

Type locality: China. Host-plant: *Mucuna macrocarpa*.

puerariae Yang and Li, 1983b [Yang and Lee, 1984c]

Type locality: China. Host-plant: *Pueraria tonkinensis* Gagnep.

rubrofasciata Kuwayama, 1908 [Aulmann, 1913; Crawford, 1919; Kuwayama, 1931; Takahashi, 1936; Yang and Tsay, 1981b; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Gelonium acquocereum* (= *Gelonium aequoreum* Hance?).

ruiliana Yang and Li, 1984c

Type locality: China. Host-plant: *Mucuna macrocarpa*.

venusta Yang, 1984

Type locality: Taiwan. Host-plant: *Derris laxiflora*.

viridis Yang, 1984

Type locality: Taiwan. Host-plant: *Milletia reticulata* Benth.

whitfordiodendritis Yang and Li, 1983b.

Type locality: China. Host-plant: *Whitfordiodendron filipes* (Dunn) Dunn.

wushaensis Yang, 1984

Type locality: China. Host-plant: *Hiptage bengalensis* (Linn) Kutz.

yunnanica Yang and Li, 1984c

Type locality: China. Host-plant: *Mucuna macrocarpa*.

EPITRIOZA Kuwayama, 1910

[TRIOZIDAE]

TYPE-SPECIES: *E. mizuhonica*. Kuwayama, 1910

A small *Eleagnus*-feeding genus apparently confined to the east Palaearctic and Oriental zoogeographical realms although certain west palaearctic species such as *Trioza magnisetosa* and *T. neglecta* may also belong here (see Loginova, 1978b).

anchimedia Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

dangchangana Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

gansuana Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

ningxiana Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

shaanxiana Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

sichuana Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

sinica Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

tetranotata Yang and Li, 1981b

Type locality: China. Host-plant: unknown.

yasumatsui Miyatake, 1978

Type locality: Japan. Distribution: Taiwan. Host-plant: *Elaeagnus umbellata* Thunb, *E. multiflora* Thunb.

EUPHALERUS Schwarz, 1904

[SPONDYLIASPIDIDAE]

TYPE-SPECIES: *E. nidifex* Schwarz, 1904

A large diverse genus. The species listed below bear little relationship to the group of New World species centered around the type (see Russell, 1971).

tzuensis Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

vittatus Crawford, 1912 [Crawford, 1919; Ramakrishna, 1924; Mathur, 1935, 1946, 1975; Beeson, 1941]

Type locality: India. Host-plant: *Cassia fistula* L.

EUPHYLLURA Förster, 1848

[APHALARIDAE]

TYPE-SPECIES: *E. phillyreae* Förster, 1848

In its present usage this is a diverse genus. Some of the species appear to belong in *Ctenarytaina* Ferris and Klyver, 1932. Loginova (1973) reviews the species congeneric with the type.

caudata Mathur, 1975

Type locality: India. Host-plant: *Syzygium cumini* (L.) Skeels (= *Eugenia jambolana* Lam.). This appears to be a *Ctenarytaina* species.

concolor Mathur, 1975

Type locality: India. Host-plant: *Syzygium cumini* (L.) Skeels (= *Eugenia jambolana* Lam.). This appears to be a *Ctenarytaina* species.

eastopi Mathur, 1973a

Type locality: India. Host-plant: unknown. This appears to be the same species as *Syringilla nepalensis*.

obsoleta Mathur, 1975 [Lahiri and Biswas, 1979]

Type locality: Pakistan. Distribution: India. Host-plant: *Salvadora oleoides* Dene. The affinities of this species are obscure but it does not appear to belong in *Euphyllura*.

olivina (Costa, 1839)

Type locality: Europe. Distribution: Pakistan; India; Western Mediterranean Basin. Host-plant: *Olea* sp. It is uncertain whether this European olive psyllid occurs in India. Pruthi and Batra (1938) mention the 'olive psyllid' while Mathur (1975) mentions just two female specimens from India and Pakistan. These specimens may be *E. pakistanica* Loginova.

pakistanica Loginova, 1973

Type locality: Pakistan. Host-plant: *Olea* sp.

tominagai Miyatake, 1981b [Yang, 1984]

Type locality: Nepal. Distribution: Taiwan. Host-plant: unknown.

wagnerii Heslop-Harrison 1951a

A *nomen nudum* which was not properly described nor a type fixed. Heslop-Harrison's specimens from Assam are in the BM.

EURHINOCOLA Crawford, 1912

[APHALARIDAE]

TYPE-SPECIES: *E. gravelyi* Crawford, 1912

A monotypic genus which appears to be very close to *Ctenarytaina* Ferris and Klyver, and to certain Indian species currently placed in *Euphyllura*.

gravelyi Crawford, 1912 [Ramakrishna, 1924]

Type locality: Burma. Host-plant: unknown.

EUSTENOPSYLLA Yang, 1984

[TRIOZIDAE]

TYPE-SPECIES: *E. euryae* Yang, 1984

Another monotypic trioizid genus.

euryae Yang, 1984

Type locality: Taiwan. Host-plant: *Eurya strigillosa* Hayata.

HAPLAPHALARA Uichanco, 1921

[APHALARIDAE]

TYPE-SPECIES: *H. dahli* (Rübsaamen, 1905)

A small Austro-Oriental genus. Crawford (1925d) inexplicably synonymized this genus with *Strophingia* Enderlein. Klimaszewski (1973) mistakenly lists it as a synonym of *Aphalaroida* Crawford which for a time was considered synonymous with *Strophingia*.

menoni (Mathur, 1975) [Hollis, 1984]

Paurocephala menoni Mathur, 1975

Paurocephala menori Mathur [Loginova, 1982]

Type locality: India. Host-plant: *Grewia asiatica* L.

trimaculata (Mathur, 1975) [Hollis, 1984]

Paurocephala trimaculata Mathur, 1975

Type locality: India. Host-plant: *Zizyphus jujuba* Lam.

HEMIPTERIPSYLLA Yang and Li, 1981c

[APHALARIDAE]

TYPE-SPECIES: *H. tibetana* Yang and Li, 1981c

A genus recently erected for two Oriental/Chinese species. There is little reason why this genus should be separated from the established genus *Togepsylla* Kuwayama. There are even fewer grounds for basing a subfamily Hemipteripsyllinae upon it as proposed by Yang and Li (1981c).

matsumurana (Kuwayama, 1949) [Yang and Li, 1981c]

Togepsylla matsumurana Kuwayama [Miyatake, 1970, 1976; Loginova 1982; Yang 1984]

Togepsylla matsumurai Kuwayama [Miyatake 1981b]

Type locality: Japan. Distribution: Nepal; Taiwan. Host-plant: *Lindera* sp., *Litsea glauca*. *L. cubeba* (Lour.) Persoon.

tibetana Yang and Li, 1981c

Type locality: China. Host-plant: *Litsea sericea* Hook.

HOMOTOMA Guérin-Méneville, 1842

[HOMOTOMIDAE]

TYPE-SPECIES: *Chermes ficus* L., 1758

A genus typically associated with plants of the genus *Ficus* which is broadly distributed throughout the Ethiopian, Palearctic, Oriental and Austro-Oriental Regions. Enderlein (1914, 1921) split off species to become the types of *Psausia*, *Metapsausia* and *Labobrachia*. Miyatake (1974) included all species in *Homotoma* but recently Yang and Li (1981d, 1984a) divided *Homotoma* into *Homotoma sensu stricto* and *Caenohomotoma* Yang and Li. The latter was split into six subgenera; namely *Psausia*, *Caenohomotoma sensu stricto*, *Australohomotoma*, *Harrisonella*, *Heterohomotoma* and *Metapsausia*. This is invalid as *Caenohomotoma* contains the type-species of two Enderlein genera. Furthermore there are few good reasons for splitting *Homotoma* in this way and for simplicity it is here retained as a single genus.

altissimae (Yang and Li, 1984a) **comb. n**

Caenohomotoma altissimae Yang and Li

Type locality: China. Host-plant: *Ficus* sp.

annesleae (Yang and Li, 1984a) **comb. n.**

Caenohomotoma annesleae Yang and Li

Type locality: China. Host-plant: given as *Anneslea fragrans* (Theaceae) which seems unlikely to be correct.

bambusae (Yang and Li, 1981d) **comb. n.**

Caenohomotoma (Heterohomotoma) bambusae Yang and Li

Type locality: China. Host-plant: unknown.

benjaminae (Yang and Li, 1984a) **comb. n.**

Caenohomotoma benjaminae Yang and Li

Type locality: China. Host-plant: *Ficus benjamina* L.

bilineata Crawford 1917 [Crawford, 1919; Boselli, 1929a; Miyatake, 1974; Hodgkinson, 1983a]

Metapsausia bilineata (Crawford) [Enderlein, 1921; Heslop-Harrison, 1949b]

Caenohomotoma (Metapsausia) bilineata (Crawford) [Yang and Li, 1981d]

Type locality: Philippines. Distribution: Thailand; Sarawak. Host-plant: *Ficus* sp.

boheae Yu, 1956 [Miyatake, 1974]

Caenohomotoma (Caenohomotoma) boheae (Yu) [Yang and Li, 1981d]

Type locality: China. Distribution: Malaya (BM). Host-plant: unknown.

chuanana (Yang and Li, 1981d) **comb. n.**

Caenohomotoma (Psausia) chuanana Yang and Li

Type locality: China. Host-plant: unknown.

distincta Crawford, 1912 [Crawford, 1919; Ramakrishna, 1924; Boselli, 1929a; Miyatake, 1974]

Psausia distincta (Crawford) [Enderlein, 1921; Heslop-Harrison, 1949b; Mathur, 1975; Loginova, 1982]

Caenohomotoma (Harrisonella) distincta (Crawford) [Yang and Li, 1981d]

Type locality: India. Host-plant: *Ficus religiosa*.

galbvittata (Yang and Li, 1984a) **comb. n.**

Caenohomotoma galbvittata Yang and Li

Type locality: China. Host-plant: *Ficus* sp.

indica (Mathur, 1975) **comb. n.**

Psausia indica Mathur

Type locality: India. Host-plant: *Ficus macrocarpa* (= *F. retusa*) and *F. lucescens* (= *F. infectoria*).

lahui (Yang and Li, 1984a) **comb. n.**

Caenohomotoma lahui Yang and Li

Type locality: China. Host-plant: unknown.

maculata (Yang, 1984) **comb. n.**

Psausia maculata Yang

Type locality: Taiwan. Host-plant: *Ficus beecheyana* Hook et Arn.

radiata Kuwayama, 1908 [Crawford, 1911a; Aulmann, 1913; Boselli, 1929a; Kuwayama, 1931; Uye, 1936a; Yu, 1956; Sasaki, 1954; Miyatake, 1965a, 1974, 1981b;

Klimaszewski, 1973; Hodkinson, 1983a; Hill *et al.*, 1982]

Psausia radiata (Kuwayama) [Enderlein, 1914, 1918; Heslop-Harrison, 1949b; Yang, 1984]

Caenohomotoma (*Psausia*) *radiata* Kuwayama [Yang and Li, 1981d]

Type locality: Taiwan. Distribution: Ryukyu Is.; Japan; Hong Kong; China; Nepal. Host-plant: *Ficus superba*, *F. stipulosa* Thumb., *F. erecta*. *H. radiata* is an amended name: the species was described as *H. radiatum*.

mangiferae (Yang and Li, 1984a) **comb. n.**

Caenohomotoma mangiferae Yang and Li

Type locality: China. Host-plant: unlikely to be *Mangifera indica* from which the single type specimen was collected.

pyriformiscola (Yang and Li, 1984a) **comb. n.**

Caenohomotoma pyriformiscola Yang and Li

Type locality: China. Host-plant: *Ficus pyriformis* W & A.

ruiliana (Yang and Li, 1984a) **comb. n.**

Caenohomotoma ruiliana Yang and Li

Type locality: China. Host-plant: *Ficus* sp.

shuana (Yang and Li, 1981d) **comb. n.**

Caenohomotoma (*Heterohomotoma*) *shuana* (Yang and Li)

Type locality: China. Host-plant: unknown.

spiraca (Yang and Li, 1981d) **comb. n.**

Caenohomotoma (*Caenohomotoma*) *spiraca* (Yang and Li)

Type locality: China. Host-plant: “*Spirae*” sp.

unifasciata Yu, 1956 [Miyatake, 1974]

Caenohomotoma (*Caenohomotoma*) *unifasciata* (Yu) [Yang and Li, 1981d]

Type locality: China. Host-plant: unknown.

wulinensis (Yang, 1984) **comb. n.**

Psausia wulinensis (Yang)

Type locality: Taiwan. Host-plant: *Ficus foveolata* (Wall.) Miq.

yunnanica (Yang and Li, 1984a) **comb. n.**

Caenohomotoma yunnanica Yang and Li

Type locality: China. Host-plant: *Ficus* sp.

xishuangana (Yang and Li, 1984a) **comb. n.**

Caenohomotoma xishuangana Yang and Li

Type locality: China. Host-plant: *Ficus* sp.

HOMOTRIOZA (Yang, 1984)

[TRIOZIDAE]

TYPE-SPECIES: *H. kuwayamai* Yang, 1984

A small trioqid genus erected for four species from Taiwan.

beilshmiediae Yang, 1984

Type locality: Taiwan. Host-plant: *Beilschmiedia erythrophlora* Hay.

epica Yang, 1984

Type locality: Taiwan. Host-plant: *Symplocos morrisonicola* Hayata.

kuwayamai Yang, 1984

Type locality: Taiwan. Host-plant: *Symplocos caudata* Wall.

maculata Yang, 1984

Type locality: Taiwan. Host-plant: *Elaeocarpus japonicus* Sieb and Zucc.

LEPTOTRIOZA Miyatake 1972a

[TRIOZIDAE]

TYPE-SPECIES: *Neotriozaella bicolor* Crawford, 1915

Another small triozaid genus known from Taiwan and the Philippines.

tutcheriae Yang, 1984

Type locality: Taiwan. Host-plant: *Tutcheria shinkoensis* (Hay.) Nakai.

LEPTYNOPTERA Crawford, 1919

[TRIOZIDAE]

TYPE-SPECIES: *L. sulfurea* Crawford, 1919

A small Oriental, Austro-Oriental, Pacific genus.

sulfurea Crawford, 1919 [Boselli, 1930a; Kuwayama, 1931; Caldwell, 1942; Tuthill, 1951, 1964; Heslop-Harrison, 1960a; Miyatake, 1964b, 1971b; Braza and Calilung, 1981; Hodkinson, 1983a; Yang, 1984]

Leptynoptera didactyla Laing, 1922

Leptynoptera sulfurea Crawford [Brun and Chazeau, 1980]

Leptynoptera sulfurea var. *rubrocincta* Uichanco, 1921 [Takahashi, 1927]

Type locality: Indonesia. Distribution: Taiwan; Philippines; Ryukyu Is.; New Caledonia; S. Mariana Is.; Caroline Is.; Fiji Is.; Cook Is.; Friendly Is.; Papua New Guinea; Chagos Archipelago. Host-plant: *Calophyllum inophyllum* L.

LEURONOTA Crawford, 1914

[TRIOZIDAE]

TYPE-SPECIES: *Trioza maculata* Crawford, 1910

A loosely defined genus in which the Old World species are only distantly related to the New World type-species.

corniculata Mathur, 1975 [Loginova, 1982]

Cerotrioza sp. [Mathur, 1935; Beeson, 1941]

Type locality: India. Host-plant: *Shorea robusta* Gaertn.

minuta (Crawford, 1912) [Mathur, 1975]

Allotrioza minuta Crawford

Louronota minuta Crawford [Ramakrishna, 1924]

Cerotrioza sp. n. [Mathur, 1935]

Type locality: India. Host-plant: *Mangifera indica*.

LIVIA Latreille, 1804

[APHALARIDAE]

TYPE-SPECIES: *Psylla juncorum* Latreille, 1798

A highly distinctive genus which is broadly distributed throughout the Holarctic Region and which reaches its southern limit in Northern India and Indo-China (Hodkinson, 1980). The genus was reviewed by Loginova (1974c).

juncorum (Latreille, 1798) [Heslop-Harrison, 1946, 1949d; Loginova, 1974c; Mathur, 1975]

Type locality: Europe. Distribution: Western Europe to Northern India. Host-

plant: several *Juncus* species. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

khaziensis Heslop-Harrison, 1949d [Loginova, 1974c; Mathur, 1975]

Type locality: India. Host-plant: *Juncus* sp.?

nigra Klimaszewski, 1964b [Loginova, 1974c; Hill, 1982]

Type locality: Vietnam. Distribution: Hong Kong. Host-plant: *Juncus prismatocarpus*. The host-plant of this species is the same as that of *Livia jesoensis* Kuwayama from Japan with which it may possibly be synonymous.

MACROHOMOTOMA Kuwayama 1908 [HOMOTOMIDAE]

TYPE-SPECIES: *M. gladiata* Kuwayama, 1908

A small but characteristic genus distributed throughout the Afrotropical, Oriental, Austro-Oriental and Pacific Regions. Members feed on plants of the genus *Ficus*.

apsylloides (Crawford, 1919) [Crawford, 1925b; Loginova, 1972a; Mathur, 1975; Hodkinson, 1983a]

Pauropsylla apsylloides Crawford [Crawford, 1920b; Heslop-Harrison, 1958, 1960a]

Type locality: Indonesia; Tanimbar Is.; South China (Macao); and Hawaii, Oahu? (one damaged female). Distribution: Indonesia, Borneo. Host-plant: unknown.

geniculata Mathur, 1975

Type locality: India. Host-plant: *Ficus microcarpa*.

gladiata Kuwayama, 1908 [Aulmann, 1913; Maki, 1915; Crawford, 1911, 1914, 1925c, 1928c; Enderlein 1914, 1921; Boselli, 1930a; Kuwayama 1931; Miyatake 1965a; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Hong Kong; Indonesia; Ryukyu Is. Host-plant: *Ficus retusa* L.

hylocola Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus* sp.

maculata Mathur, 1975

Type locality: India. Host-plant: *Santalum album* L.

magna Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus* sp.

minana Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus* sp.

sinica Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus retusa* L., *F. microphylla* L.

robusta Yang, 1984

Type locality: Taiwan. Host-plant: *Ficus cuspidato-caudata* Hayata.

striata Crawford, 1925b [Ramakrishna, 1924; Miyatake, 1965a; Mathur, 1975; Hill, 1982; Hill *et al.*, 1982; Hodkinson, 1983a]

Type locality: India. Distribution: Ryukyu Is.; Hong Kong; China (BM). Host-plant: *Ficus retusa* L., *F. microcarpa*.

viridis Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus* sp.

yunana Yang and Li, 1984e

Type locality: China. Host-plant: *Ficus* sp.

MEGATRIOZA — see *Trioza*

MESOHOMOTOMA Kuwayama, 1908

[CARSIDARIDAE]

TYPE-SPECIES: *M. camphorae* Kuwayama, 1908

A small genus distributed throughout the Afrotropical, Oriental, Austro-Oriental and Pacific Regions. Klyver (1935) stated that specimens of *M. hibisci* from Tahiti included the complete range of colour variation on which Crawford (1925a) based his key to the four known species. Miyatake (1971b) stresses the need for an urgent revision of the genus.

camphorae Kuwayama, 1908 [Crawford, 1911a, 1925a, 1927, 1928a; Aulmann, 1913; Kuwayama, 1931, 1943; Takahashi, 1936; Sasaki, 1954; Miyatake, 1964b, 1965a, b, 1971b; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Philippines; China; Ryukyu Is.; Samoa Is.; Fiji Is. Host-plants: *Hibiscus mutabilis* L., *H. tiliaceus* L., *Annamomum camphora*; *Thespesia populnea*; *Paritium tiliaefolium*; *Abutilon indicum* (L.) Sweet, *Urena lobata* L. This heterogeneous list probably emphasizes the taxonomic confusion which exists within the genus.

hibisci (Froggatt, 1901) [Crawford, 1920b, 1925a; Klyver, 1935; Caldwell, 1942; Tuthill, 1942, 1951, 1964; Tuthill and Taylor, 1955; Brun and Chazeau, 1980; Hill, 1982; Hodkinson, 1983a]

Tyora hibisci Froggatt

Udamostigma hibisci (Froggatt) [Enderlein, 1910; Aulmann, 1913]

Type locality: Australia. Distribution: Hong Kong; Philippines; Malaya; Borneo; Chagos Archipelago and throughout the Pacific islands (see Hodkinson, 1983a for full distribution). Host-plant: *Hibiscus tiliaceus*, *H. rosa-sinensis*, *Urena lobata*.

lutheri (Enderlein, 1918) [Crawford, 1925a, 1927; Orian, 1972; Mathur, 1975; Loginova, 1982; Hodkinson, 1983a]

Udamostigma lutheri Enderlein

Tyora indica Crawford, 1919 [Ramakrishna, 1924]

Tyoria indica Crawford [Uichanco, 1921]

Type locality: Sri Lanka. Distribution: Philippines; Indonesia, India; Mauritius. Host-plant: *Urena lobata*.

METAPAUROCEPHALA Heslop-Harrison, 1952

A *nomen nudum* proposed for a single species from Assam.

METAPSYLLA Kuwayama, 1908

[PSYLLIDAE]

TYPE-SPECIES: *M. nigra* Kuwayama, 1908

A small genus confined to China, Japan and Taiwan.

acaciae Yang and Li, 1982c

Type locality: China. Host-plant: *Acacia confusa* Merr.

granulosa Yu, 1956 [Miyatake, 1963; Yang and Li, 1982c; Hodkinson, 1983a]

Type locality: China. Host-plant: unknown.

marginata Kuwayama, 1908 [Aulmann, 1913; Kuwayama, 1931; Yu, 1956; Miyatake, 1963; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: unknown. Miyatake (1983) and Yang (1984) both suggest that this species belongs in *Euphalerus sensu lato*.

meliae Yang and Li, 1982c

Type locality: China. Host-plant: *Melia azedarch* L.

MICROCEROPSYLLA Boselli, 1930a [CALOPHYIDAE]

TYPE-SPECIES: *Pauropsylla nigra* Crawford, 1919

A small Oriental/Austro-Oriental genus which for a long time was confused with *Pauropsylla* Rübsaamen (see Loginova, 1972a).

brevicornis (Crawford, 1919) [Boselli, 1930a; Heslop-Harrison, 1948, 1960a; Loginova, 1972a; Hodkinson, 1983a; Hollis, 1984]

Pauropsylla brevicornis Crawford [Mathur, 1935, 1975; Chanrika and Nair, 1971]

Type locality: Indonesia. Distribution: India. Host-plant: *Mangifera indica* L.

longispiculata (Mathur, 1975) [Hollis, 1984]

Pauropsylla longispiculata Mathur [Loginova, 1982]

Type locality: India. Host-plant: *Buchanania lanzan* Spreng (= *B. latifolia* Roxb.).

maculata (Mathur, 1975) [Hollis, 1984]

Pauropsylla maculata Mathur

Type locality: India. Host-plant: *Mangifera indica* L.

nigra (Crawford, 1919) [Boselli, 1930a; Heslop-Harrison, 1948; Miyatake, 1972a; Loginova, 1972a; Hodkinson, 1983a; Yang, 1984; Hollis 1984]

Pauropsylla nigra Crawford [Ramakrishna, 1924; Laing, 1930; Kuwayama, 1931; Mathur, 1935, 1975; Mani, 1948; Miyatake, 1971b]

Type locality: India. Distribution: Philippines, Taiwan. Host-plant: *Mangifera indica* L.

verrucosa (Mathur, 1975) [Hollis, 1984]

Pauropsylla verrucosa Mathur [Loginova, 1982]

Type locality: India. Host-plant: *Semecarpus anacardium* L.

MYCOPSYLLA Froggatt, 1901

[HOMOTOMIDAE]

TYPE-SPECIES: *Psylla fici* Tryon, 1894

A small genus related to *Dynopsylla*, *Macrohometoma* and *Homotoma*, with representatives in Australia, India and New Guinea. *Edenus* Bhanotar, Gosh and Gosh (1972) is a synonym.

gardenensis (Bhanotar, Gosh and Gosh, 1972)

Edenus gardenensis Bhanotar *et al.*

Mycopsylla gardenensis Bhanotar *et al.* [Rajamohan *et al.*, 1975]

Type locality: India. Host-plant: *Ficus tomentosa* Roxb. Rajamohan *et al.* 1975 attempted to transfer this species to *Mycopsylla* but misspelt both the specific and the author's name.

indica Mathur, 1975

Type locality: India. Host-plant: *Santalum album* L.

NEOPHACOPTERON Yang, 1984 [PHACOPTERONIDAE]

TYPE-SPECIES: *N. euphoriae* Yang, 1984

A monotypic genus from Taiwan which is almost certainly synonymous with *Cornegenepsylla sinica*.

euphoriae Yang, 1984

Type locality: Taiwan. Host-plant: *Euphoria longana* Lam.

NEOTRIOZA Kieffer, 1905 [TRIOZIDAE]

TYPE-SPECIES: *N. machili* Kieffer, 1905

A monotypic trioqid genus.

machili Kieffer, 1905 [Maxwell-Lefroy, 1909; Aulmann, 1913; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948, 1959, 1973]

Type locality: India. Host-plant: *Machilus gamblei*.

NESIOPE Kirkaldy, 1908 [CARSIDARIDAE]

TYPE-SPECIES: *N. ornata* Kirkaldy, 1908

A small Oriental, Austro-Oriental, Pacific genus which may be synonymous with *Tyora* Walker, 1869 (see Hodkinson, 1983a).

pseudonervosa Mathur, 1973b [Loginova, 1982]

Type locality: India. Host-plant: *Bombax ceiba*.

OZOTRIOZA Kieffer, 1905 [TRIOZIDAE]

TYPE-SPECIES: not designated

Another poorly defined trioqid genus.

laurinearum Kieffer, 1905 [Aulmann, 1913; Maxwell-Lefroy, 1909; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948, 1959, 1973]

Type locality: India. Host-plant: a tree with the local name 'Tarsins', possibly *Beilschmiedia sikkimensis*.

styracearum Kieffer, 1905 [Maxwell-Lefroy, 1909; Aulmann, 1913; Houard, 1923; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948, 1959, 1973]

Type locality: India. Host-plant: 'a tree of the family styracees'.

PACHYPSYLLA—see *Celtisaspis*

PARAPHYLLURA Yang, 1984 [APHALARIDAE]

TYPE-SPECIES: *P. micheliae* Yang, 1984

A monotypic genus from Taiwan, close to *Dictidophlebia* Crawford (see Hodkinson, 1983a).

micheliae Yang, 1984

Type locality: Taiwan. Host-plant: *Michelia formosana* (Kaneh) Madam et Suzuk.

PARASTENOPSYLLA Yang, 1984 [TRIOZIDAE]

TYPE-SPECIES: *Stenopsylla proboscidea* Yu, 1956

A genus established to embrace two *Vaccinium* feeding trioqid species from Taiwan, China and the Ryukyu Is. It is close to *Stenopsylla*.

proboscitaria (Yu, 1956) [Yang, 1984]

Stenopsylla proboscitaria Yu [Miyatake, 1964b, 1965a; Hodkinson, 1983a]

Type locality: China. Distribution: Taiwan, Ryukyu Is. Host-plant: *Vaccinium wrightii* Gray.

vacciniae Yang, 1984

Type locality: Taiwan. Host-plant: *Vaccinium randaiense* Hayata.

PARATRIOZA Crawford, 1910

[TRIOZIDAE]

TYPE-SPECIES: *P. cockerelli* (Šulc, 1909)

An holarctic genus close to *Bactericera*. Crawford (1911b) designated the type-species.

petiolata Loginova, 1960 [Kuwayama and Miyatake, 1971; Klimaszewski, 1973; Loginova, 1972b, 1982; Gegechkori, 1978]

Type locality: USSR, Turkmenia. Distribution: USSR, Armenia; China; Mongolia. Host-plant: *Lycium* sp.

sinica Yang and Li, 1982d

Type locality: China. Host-plant: *Lycium chinense* Mill., *L. barbatum* L.

PAUROCEPHALA Crawford, 1913

[APHALARIDAE]

TYPE-SPECIES: *P. psylloptera* Crawford, 1913

A characteristic genus of the Old World tropics. Loginova (1972a) has partially reviewed the species. Hill *et al.* (1982) also list an undescribed species from Hong Kong.

conchaiensis Boselli 1929b [Boselli, 1930a; Wu, 1935; Takahashi, 1936; Sasaki, 1954; Miyatake, 1964a, 1965a, 1976; Klimaszewski, 1970, 1973; Loginova, 1972a; Hodkinson, 1983a; Yang, 1984]

Paurocephala bifasciata Kuwayama, 1931 [Uye, 1937b]

Type locality: China. Distribution: Taiwan; Vietnam; Japan; Ryukyu Is. Host-plant: *Ficus erecta* var. *beeheyama*, *F. pumila*, *F. foveolata*. Klimaszewski (1970) erected a subgenus *Thoracocorna* for this species but this was regarded as unjustified by Loginova (1972).

nr. minuta Crawford, 1919 [Loginova, 1972a; Mathur, 1975; Hodkinson, 1983a]

Paurocephala sp. n. [Mathur, 1935]

Paurocephala sp. [Beeson, 1941; Mani, 1948, 1959, 1973]

This Indian species which feeds on *Kydia calycina* Roxb. is stated by Mathur (1975) to be near to *minuta* Crawford, a species originally described from the Philippines (see Hodkinson, 1983a).

phalaki Mathur, 1975

Paurocephala phalaki Mathur [Loginova, 1982]

Type locality: India. Host-plant: 'a species known locally in Bengal as Khasare'.

psylloptera Crawford, 1913 [Crawford, 1915, 1919, 1920a, b, 1924, 1928b; Uichanco, 1921; Laing, 1922; Ramakrishna, 1924; Boselli, 1930a; Kuwayama, 1931, 1943; Takahashi, 1936; Sasaki, 1954; Miyatake, 1964b, 1965a, 1971b; Helop-Harrison,

1952; Loginova, 1972a; Mathur, 1975; Hsieh and Chen, 1977; Braza and Calilung, 1981; Hodkinson, 1983a; Yang, 1984]

Paurocephala psylloptera var. *setifera* Crawford, 1913 [Crawford, 1919; Loginova, 1972a; Braza and Calilung, 1981]

Paurocephala psylloptera var. *maculipennis* Uichanco, 1921 [Crawford, 1919; Loginova, 1972a; Braza and Calilung, 1981]

Agonoscena sauteri Enderlein, 1914

Type locality: Philippines. Distribution: Indonesia; Singapore; India; Sri Lanka; Taiwan; Thailand; Ryukyu Is.; Fiji Is. Host-plants: *Ficus notata*, *F. ulmifolia*, *F. aterrima*, *F. nota* Merrill, *F. hispida*, *F. asperrima*, *F. repandifolia*, *F. ninahassae*, *F. odorata*; *F. gul*, *Trema orientalis* Blume, *Morus* sp., *Columbia serratifolia* DC. The wide geographical distribution coupled with the wide range of host-plants suggests that this is a species complex.

russellae Mathur, 1975

Paurocephala russellae Mathur [Loginova, 1982]

Type locality: India. Host-plant: *Kydia calycina* Roxb.

PAUROPSYLLA Rübsaamen, 1899

[TRIOZIDAE]

TYPE-SPECIES: *P. udei* Rübsaamen, 1899

A genus broadly distributed throughout the tropics. Several species originally described under *Pauropsylla* have been transferred to *Microceropsylla* Boselli, *Pelmatobranchia* Enderlein, *Pseudophacopteron* Enderlein or *Diceraopsylla* Crawford (Hollis, 1984; Loginova, 1972a). Most of the remaining species feed on *Ficus*. *Sympauropsylla* Enderlein is a synonym (Hollis, 1984).

depressa Crawford, 1912 [Crawford, 1924; Ramakrishna, 1924; Sundar Raman, 1924; Rahman, 1932; Mathur, 1935, 1975; Mani, 1935, 1948, 1959, 1973; Beeson, 1941; Naidu, 1945; Weidner, 1961; Raza Abbas, 1967; Loginova, 1972a, 1982; Hollis, 1984]

Type locality: India. Distribution: Sarawak? (BM). Host-plant: *Ficus racemosa* L. (= *F. glomerata* Robs). Mani (1959) states that this species also occurs in Burma, Ceylon, Hong Kong, Java and the Philippines but I can find no other authenticated records to support this.

ficicola Kieffer, 1905 [Maxwell-Lefroy, 1909; Aulmann, 1913; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948, 1959, 1973; Mathur, 1975; Loginova, 1972a, 1982]

Pauropsylla [Beeson, 1941]

Type locality: India. Host-plant: *Ficus roxburghii* Wall., *F. hookeri* Miq.

globuli Kieffer, 1905 [Maxwell-Lefroy, 1909; Aulmann, 1913; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948, 1959, 1973; Loginova, 1972a, 1982; Hollis, 1984]

Type locality: India. Host-plant: *Ficus hookeri*.

purpurescens Mathur, 1975 [Loginova, 1982; Hollis, 1984]

Pauropsylla sp. n [Mathur, 1935]

Pauropsylla sp. [Beeson, 1941]

Pauropsylla sp. 1 [Mani, 1948]

Type locality: India. Host-plant: *Ficus racemosa*.

reticulata Mathur, 1975 [Hollis, 1984]

Type locality: India. Host-plant: *Anthocephalus indicus* A. Rich.

shiwapuriensis Miyatake, 1981b [Hollis, 1984]

Type locality: Nepal. Host-plant: unknown. This species is quite unlike other *Pauropsylla* species.

triozoptera Crawford, 1913 [Aulmann, 1913; Crawford, 1919; Enderlein, 1921; Uichanco, 1921; Tuthill, 1943a; Heslop-Harrison, 1958; Miyatake, 1964b, 1965a, 1971b; Braza and Calilung, 1981; Hollis, 1984]

Sympauropsylla triozoptera (Crawford) [Boselli, 1930a; Miyatake, 1972a; Loginova, 1972a; Hodkinson, 1983a; Yang 1984]

Type locality: Philippines. Distribution: Taiwan, Indonesia, Ryukyu Is., Fiji Is. Host-plant: *Ficus ulmifolia*, *F. gibbosa* Blume. According to Tuthill (1943a) the Fijian specimens differ slightly from the type.

udei Rübsaamen, 1899 [Kieffer, 1905; Aulmann, 1913; Crawford, 1919, 1920b, 1928b; Enderlein, 1921; Uichanco, 1921; Houard, 1923; Boselli, 1930a; Laing, 1930; Heslop-Harrison, 1961a; Loginova, 1972a; Braza and Calilung, 1981; Hill, 1982; Hill *et al.*, 1982; Hodkinson, 1983a]

Pauropsylla bakeri Crawford, 1915

Pauropsylla montana Uichanco, 1919 [Houard, 1922]

Type locality: Indonesia. Distribution: Malaya; Philippines; Hong Kong; Assam. Host-plant: *Ficus variegata* Blume, *F. latensi* Elmer, *F. chlorocarpa*.

PELMATOBACHIA Enderlein, 1921 [CALOPHYIDAE]

TYPE-SPECIES: *P. spondiasae* (Crawford, 1915)

A small genus with representatives in India, Sri Lanka and the Philippines.

spondiasae (Crawford, 1915) [Enderlein, 1921; Loginova, 1972a; Hollis, 1984]

Pauropsylla spondiasae Crawford [Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1935, 1948, 1959, 1973; Mathur, 1935, 1975; Beeson, 1941]

Pauropsylla spondiasae Crawford [Loginova 1982]

Type locality: Sri Lanka. Distribution: India. Host-plant: *Spondias pinnata*.

PERIPSYLLOPSIS Enderlein, 1926 [PSYLLIDAE]

TYPE-SPECIES: *Arytaina ramakrishni* Crawford, 1924

A monotypic genus established by Enderlein for an Indian *Arytaina* species. Heslop-Harrison (1951b) illustrated but did not fully describe a further species.

ramakrishni Crawford, 1924 [Enderlein, 1926]

Arytaina ramakrishni Crawford [Ramakrishna, 1924; Mathur, 1935, 1975; Beeson, 1941; Mani, 1948, 1959, 1973]

Type locality: India. Host-plant: *Chloroxylon swietenia* DC.

PETALOLYMA Scott, 1882 [TRIOZIDAE]

TYPE-SPECIES: *P. basalis* Walker, 1858

A genus originally described to include a single Indian species. Yang (1984) and Yang and Li (1984d) have recently added further species from Taiwan and China and have transferred some species from *Trichohermes* and *Trioza*. The statement by Crawford (1925d) that this is a South American genus is wrong.

basalis (Walker, 1858) [Scott, 1882; Aulmann, 1913; Laing, 1930; Mathur, 1975]

Psylla basalis Walker

Type locality: India. Host-plant: *Quercus dilitata*.

bicolor (Kuwayama, 1910) [Yang and Li, 1984d]

Trichohermes bicolor Kuwayama, 1910 [Aulmann, 1913; Takahashi, 1927; Kuwayama, 1931; Sasaki, 1954; Miyatake, 1964a, 1965b, 1969b, 1976; Klimaszewski, 1973; Baba and Miyatake, 1971; Hodkinson, 1983a; Yang, 1984]

Type locality: Japan and Taiwan. Host-plant: *Ilex purpurea*, *I. oldhami*, *I. integra*.

formosana Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

hyalina (Kuwayama, 1910) [Yang and Li, 1984d]

Trichohermes hyalina (Kuwayama, 1910) [Aulmann, 1913; Kuwayama, 1931; Hodkinson, 1983a; Yang, 1984]

Trioza hyalina Kuwayama [Crawford, 1919]

Type locality: Taiwan. Host-plant: unknown.

nigra Yang, 1984

Type locality: Taiwan, Host-plant: unknown.

sinica Yang & Li, 1984d

Type locality: China. Host-plant: unknown.

yunnanana Yang & Li, 1984d

Type locality: China. Host-plant: unknown.

zhejiangana Yang & Li, 1984d

Type locality: China. Host-plant: unknown.

PHACOPTERON Buckton, 1896 [PHACOPTERONIDAE]

TYPE-SPECIES: *P. lentiginosum* Buckton, 1896

A highly characteristic monotypic genus from India.

lentiginosum Buckton, 1896 [Crawford, 1912, 1919, 1924; Ramakrishna, 1919, 1924; Sundar Raman, 1924; Laing, 1930; Mani, 1935, 1948, 1959, 1973; Mathur, 1935, 1946, 1975; Beeson, 1941; Heslop-Harrison, 1960a; Loginova, 1982]

Phacosema gallicola Kieffer, 1906 [Maxwell-Lefroy, 1909; Enderlein, 1910; Aulmann, 1913; Crawford, 1912; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1948]

Type locality: India. Distribution: China; Nepal; Pakistan (all in BM). Host-plants: *Garuga pinnata* Roxb., *Scheichera trijuga* Willd.

PSAUSIA—see *Homotoma*.

PSEUDOPHACOPTERON Enderlein, 1921 [PHACOPTERONIDAE]

TYPE-SPECIES: *Pauropsylla tuberculata* Crawford, 1912

A distinctive genus found throughout the tropics. *Chineura* Tuthill is probably synonymous with this genus.

alstonia Yang and Li, 1983c

Type locality: China. Host-plant: *Alstonia scholaris* R. Br. This species is very close to *P. tuberculatum*, the type.

aphanamixis Yang and Li, 1983c

Type locality: China. Host-plant: *Aphanamixis polystaga* (Wall) Parker.

canarium Yang and Li, 1983c

Type locality: China. Host-plant: *Canarium album* Raeusch. This species is very close to *Chineura alba*.

floccosum (Crawford, 1915) [Loginova, 1972a; Hodkinson, 1983a]

Pauropsylla floccosa Crawford [Crawford, 1919; Ramakrishna, 1924]

Type locality: Sri Lanka. Distribution: Philippines; S. Mariana Is.? Host-plant: *Aglaiia roxburghiana*.

tuberculatum (Crawford, 1912) [Enderlein, 1921; Bosselli, 1930a; Heslop-Harrison, 1960a; Loginova, 1972a, 1982; Hodkinson, 1983a; Hollis, 1984]

Pauropsylla tuberculata Crawford [Crawford, 1919; Uichanco, 1919, 1921; Houard, 1923; Ramakrishna, 1924; Sundar Raman, 1924; Rahman, 1932; Beeson, 1941; Saksena, 1944; Mani, 1935, 1948, 1959, 1973; Mathur, 1935, 1975; Braza and Calilung, 1981]

Type locality: India. Distribution: Burma; Thailand; Malaya; Indonesia; Philippines. Host-plant: *Alstonia scholaris* R. Br.

PSEUDOTRIOZA Miyatake 1972a

[TRIOZIDAE]

TYPE-SPECIES: *P. hiurai* Miyatake, 1972a

A genus with two species, close to *Trioza*, *Paratrioza* and *Kuwayama*. Known from Taiwan and the Philippines.

mallotica Yang, 1984

Type locality: Taiwan. Host-plant: *Mallotus philippinensis*.

PSYLLA Geoffroy, 1762

[PSYLLIDAE]

TYPE-SPECIES: *Chermes alni* Linnaeus, 1758

This is a large and diverse genus. Very few of the species listed below would fall within the restricted concept of the genus employed by some European workers (see Klimaszewski, 1972b, 1975; Loginova, 1978a; Burckhardt, 1979)

abieti Kuwayama, 1908 [Aulmann, 1913; Sasaki, 1954; Miyatake, 1964a, c, 1969b, 1971a, 1972b; Kuwayama and Miyatake, 1971; Baba and Miyatake, 1971; Klimaszewski, 1973; Kwon, 1983]

Psylla albopontis Kuwayama, 1908

Type locality: Japan. Distribution: Korea; China. Host-plant: recorded as *Abies* and *Picea* spp. by Klimaszewski (1973) but this is unlikely to be correct.

aceris Loginova, 1964 [Kuwayama and Miyatake, 1971; Klimaszewski, 1973]

Type locality: USSR, Tadzhik and Kirghiz SSR. Distribution: China. Host-plant: *Acer turkestanica*.

aili Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

alni L. 1758 [Kuwayama, 1908; Sasaki, 1954; Miyatake, 1963, 1964a, 1969c, 1972b; Kwon, 1983; Yang, 1984]

Type locality: Europe. Distribution: throughout the Palearctic Region extending

into the Nearctic, Japan, Taiwan, Korea. Host-plant: *Alnus formosana* Makino in Taiwan, other *Alnus* species elsewhere. Hodkinson and White (1979), Klimaszewski (1973) and Tuthill (1943b) give more complete bibliographies for the Palaearctic and Nearctic Regions, respectively.

arisana Kuwayama, 1908 [Aulmann, 1913; Crawford, 1919; Kuwayama, 1931; Miyatake, 1965; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: unknown.

baphicacanthi Yang, 1984

Type locality: Taiwan. Host-plant: *Baphicacanthus cusia* (Nees) Bremek.

betulaefoliae Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus betulaefolia* Bge., *P. phaeocarpae* Rehd.

candidata Yang, 1984

Type locality: Taiwan, Host-plant: unknown.

cangshanli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

cedrelae Kieffer, 1905 [Maxwell-Lefroy, 1909; Houard, 1922; Ramakrishna, 1924; Sundar Raman, 1924; Mathur, 1975]

Type locality: India. Host-plant: *Cedrela toona* Roxb., *Chukrasia velutina* Roemer.

chaenomelei Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Chaenomeles speciosa* (Sweet) Nakai.

changli Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus* sp.

chinensis Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus bretschneideri* Rehd., *P. ussuriensis*.

citricola Yang and Li, 1984c

Type locality: China. Host-plant: *Citrus grandis* (L.) Osbeck and *C. medica* L.

citrisuga Yang and Li, 1984c

Type locality: China. Host-plant: *Citrus grandis* (L.) Osbeck and *C. medica* L.

clauda Yang, 1984

Type locality: Taiwan. Host-plant: *Salix warburgii* O. Seem.

coccinea Kuwayama, 1908 [Aulmann, 1913; Crawford, 1919; Kuwayama, 1931; Takahashi, 1936; Shinji, 1938; Sasaki, 1954; Miyatake, 1964a, c, 1965a, 1966, 1969b, 1971a, 1976; Baba and Miyatake, 1971; Klimaszewski, 1973; Kwon, 1983; Hodkinson, 1983a; Yang, 1984]

Psylla ceccinla Kuwayama [Shinji, 1949]

Type locality: Japan. Distribution: Taiwan; Korea; Ryukyu Is. Host-plant: *Akebia quinata* Decne, *A. trifoliata* Koidz., *Stauntonia hexaphylla* (Thunb.) Decne.

crataegi (Schränk, 1801) [Heslop-Harrison, 1946; Mathur, 1975]

A common species on *Crataegus* in the West Palaearctic (see Hodkinson and White, 1979; Klimaszewski, 1973). Recorded for Northern India by Heslop-Harrison (1946) and also from the Primorye Territory of the USSR by Konovalova (1972).

deflua Yang, 1984

Type locality: Taiwan. Host-plant: *Neolitsea acuminatissima* (Hay.) Kaneh.

dianli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

eastopi Mathur, 1975

Psylla cedrelae Mathur nec, Kieffer [Mathur, 1950]

Type locality: India. Host-plant: *Cedrela toona* Roxb.

elaeagni Kuwayama, 1908 [Aulmann, 1913; Kuwayama, 1943; Shinji, 1949; Sasaki, 1954; Miyatake, 1964c, 1969b, 1971a, 1976, 1982; Kuwayama and Miyatake, 1971; Ko, 1969; Klimaszewski, 1973; Kwon, 1983]

Type locality: Japan. Distribution: China, Korea. Host-plant: *Elaeagnus umbellata*, *E. crispa*, *E. glabra*, *E. macrophylla*, *E. multiflora*.

erhaili Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

eriobotryacola Yang, 1984

Type locality: Taiwan. Host-plant: *Eriobotrya deflexa* (Hemsl.) Nakai.

eriobotryae Yang, 1984

Type locality: Taiwan. Host-plant: *Eriobotrya deflexa* (Hemsl.) Nakai.

evodiae Miyatake, 1965a [Hodkinson, 1983a; Yang, 1984]

Type locality: Ryukyu Is. Distribution: Taiwan. Host-plant: *Evodia glauca* Micq., *E. meliaefolia* (Hance) Benth.

fatsiae Jensen, 1957 [Miyatake, 1964a, c, 1976; Klimaszewski, 1973; Hill, 1982; Kwon, 1983; Yang, 1984]

Type locality: USA, California (possibly introduced). Distribution: Taiwan; Hong Kong; Korea; Japan. Host-plant: *Fatsia japonica*, *F. polycarpa*, *Schefflera octophylla*.

formosana Yang, 1984

Type locality: Taiwan. Host-plant: *Hedera rhombea* (Mig. Bean).

fulguralis Kuwayama, 1908 [Aulmann, 1913; Kuwayama, 1943; Sasaki, 1954; Miyatake, 1963, 1964a, b, 1965a, 1966, 1972a, 1976, 1982; Baba and Miyatake, 1971; Klimaszewski, 1973; Hodkinson, 1983a; Kwon, 1983; Yang, 1984]

Type locality: Japan. Distribution: Taiwan; Ryukyu Is.; Philippines. Host-plant: *Elaeagnus glabra* Thunb., *E. macrophylla*.

grata Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

heterobetulaefoliae Yang and Li 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus betulaefolia* Bge.

hippophaes Förster 1848 [Heslop-Harrison, 1946]

A western Palearctic species recorded from *Hippophae rhamnoides* in Pakistan. Klimaszewski (1973) gives a full bibliography for the Palearctic Region.

hyalina Mathur, 1975

Type locality: India. Host-plant: *Albizzia procera* Benth., *Cassia siamea* Lamk.

indicata Yang, 1984

Type locality: Taiwan. Host-plant: *Salix tagawana* Koidzumi.

infesta Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

jiangli Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus* sp.

juliensis Yang, 1984

Type locality: Taiwan. Host-plant: *Rhamnus nakaharai* Hay.

kiushuensis Kuwayama, 1908 [Aulmann, 1913; Crawford, 1919; Kuwayama, 1931; Sasaki, 1954; Miyatake, 1964a, c, 1965b, 1976, 1982; Klimaszewski, 1973; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan and Japan. Host-plant: *Elaeagnus pungens*, *E. macrophylla*.

kunmingli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

lanceolata Yang, 1984

Type locality: Taiwan. Host-plant: *Elaeagnus obovata* Li, *E. morrisonensis* Hay.

liaoli Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus* sp.

litchi Giard, 1893 [Houard, 1923]

Type locality: Vietnam. Host-plant: *Nephelium (Dimocarpus) litchi* Cambess.

longigena Mathur, 1975

Type locality: India. Host-plant: *Bucklandia (Symingtonia) populnea* R. Br.

mala Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

melanoneura Förster, 1848 [Kuwayama and Miyatake, 1971; Miyatake, 1963]

This common west palaearctic *Crataegus*-feeding species has been recorded from China and Japan. Hodkinson and White (1979) and Klimaszewski (1973) give bibliographies for the Palaearctic Region.

multijuga Yang, 1984

Type locality: Taiwan. Host-plant: *Pittosporum illicoides* Makino.

murrayi Mathur, 1975 [Lahiri and Biswas, 1979, 1980]

Psylla sp. n. [Mathur, 1935]

Type locality: India. Host-plant: *Murraya koenigii* Spreng.

neolitseae Miyatake, 1981b

Type locality: Nepal. Host-plant: *Neolitsea* sp.

oblonga Mathur, 1975

Type locality: India. Host-plant: *Albizzia odoratissima* Benth.

obunca Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

oluanpiensis Yang, 1984

Type locality: Taiwan. Host-plant: *Pittosporum pentandrum* (Blanco) Merr.

opulenta Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

phaeocarpae Yang and Li, 1981a [Hodkinson, 1984]

Type locality: China. Host-plant: *Pyrus phaeocarpae* Rehd., *P. betulaeifolia*.

pyri (L.), 1758 [Konovalova, 1972; Yang and Li, 1981a]

This common *Pyrus*-feeding species which is a common pest of pear (*Pyrus communis*) in Europe has recently been recorded from China and the Primorye territory of the USSR. Hodkinson (1984) gives a full bibliography.

pyricola Förster 1848 [Kuwayama, 1908; Aulmann, 1913; Siddiqui, 1949; Konovalova, 1972; Kwon, 1983; Hodkinson, 1984]

This is the common pear psyllid of the western Palaearctic: it is also known from Korea, Japan, the Primorye Territory of the USSR and possibly from northern India (see Siddiqui, 1949). This latter record may, however, refer to the species recorded as *Psylla* sp. 1 by Mathur 1975. Hodkinson (1984) gives a full bibliography.

pulla Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

quadrimaculata Mathur, 1975

Type locality: India. Host-plant: unknown. This species appears to belong to the *Elaeagnus*-feeding group which includes *P. elaeagni*, *P. fulguralis*, *P. kiushuensis* and *P. elaeagnicola* Miyatake from Japan.

quianli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

rigida Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

santali Mathur, 1975

Type locality: India. Host-plant: *Santalum album* L.

schefflerae Yang, 1984

Type locality: Taiwan. Host-plant: *Schefflera octophylla* (Lour.) Harms.

simaoli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

simlae Crawford, 1912 [Ramakrishna, 1924; Hodkinson, 1983a]

Type locality: India. Host-plant: unknown. Uichanco's (1921) record from the Philippines, based on a single female, is unlikely to be correct. Mathur (1975) illustrates a species collected from *Bauhinia variegata* which he lists as 'near to *simlae*'. This is the species listed as *Psylla* sp. by Mathur (1935) and Beeson (1941) and as *Psylla simlae* by Mathur (1954).

spadica Kuwayama, 1908 [Aulman, 1913; Crawford, 1919; Kuwayama, 1931; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: unknown.

stranvaesiae Yang, 1984

Type locality: Taiwan. Host-plant: *Stranvaesia niitakayamensis* (Hay,) Hay.

sulcata Mathur, 1973a

Type locality: India. Host-plant: unknown.

tayulinensis Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

tetrapanaxae Yang, 1984

Type locality: Taiwan. Host-plant: *Tetrapanax papyriferus* (Hook.) K. Koch.

tobirae Miyatake 1964c [Miyatake 1964b, 1965a, 1966, 1976; Klimaszewski 1973; Kwon, 1983; Hodkinson, 1983a; Yang, 1984]

Type locality: Japan and Ryukyu Is. Distribution: Taiwan, Korea. Host-plant: *Pittosporum tobira* Ait.

toddaliae Yang, 1984

Type locality: Taiwan. Host-plant: *Toddalia asiatica* (Linn.) Lam.

toroensis Kuwayama, 1908 [Aulmann, 1913; Crawford, 1919; Boselli, 1930a; Kuwayama, 1931; Miyatake, 1965a, c; Klimaszewski, 1973; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Japan. Host-plant: *Hedera rhombea*.

tripunctata Kuwayama, 1908 [Crawford, 1911a 1919, 1920a; Aulmann, 1913; Klimaszewski, 1973; Hodkinson, 1983a]

Psylla kuwayamai Zacher, 1913 [Kuwayama, 1931]

Psylla kuwayamai Crawford [Yang, 1984]

Type locality: Taiwan. Host-plant: *Litsea glauca*, *Neolitsea parvigemma* (Hay,) Kanehira.

vaccinii Miyatake, 1964c [Miyatake, 1965a, 1976; Klimaszewski, 1973; Loginova, 1978a; Hodkinson, 1983a, b; Yang, 1984]

Type locality: Japan. Distribution: Taiwan; Ryukyu Is. Host-plant: *Vaccinium bracteatum* Thunb.

viburni Löw, 1876 [Shinji, 1949; Sasaki, 1954; Miyatake, 1963; Mathur, 1975; Lahiri and Biswas, 1979; Klimaszewski, 1973]

This *Viburnum*-feeding species, which is well-known in Europe, is also recorded from Northern India, Nepal and Japan. Klimaszewski (1973a) and Hodkinson and White (1979) give bibliographies for the Palearctic Region.

viccifoliae Yang and Li, 1984c

Type locality: China. Host-plant: *Sophora viccifolia* Hance and *Albizia molles* (Benth.) Boj.

This species appears to belong in *Cyamophila*.

wulinensis Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

xanthisma Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

xiaguanli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

yakouensis Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

yunli Yang and Li, 1984b

Type locality: China. Host-plant: adults collected from *Pyrus*.

zaecevi Šulc, 1915 [Loginova 1974a; Mathur, 1975]

A northern circumpolar species occurring on *Salix* species in arctic/subarctic habitats (Hodkinson, 1978; MacLean and Hodkinson, 1980). Isolated populations are recorded from Northern India and Mongolia. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

***Psylla* sp. 1** Mathur, 1975.

Mathur records and illustrates this undescribed species feeding on *Pyrus pashia*, *P. vistata*, *P. communis* and *Stranvaesia glaucescens* Lindl in northern India (see Hodkinson, 1984).

PSYLLOPSIS Löw, 1879

[APHALARIDAE]

TYPE-SPECIES: *Psylla fraxinicola* Förster, 1848

A west palaearctic genus whose members feed on *Fraxinus* species (see Loginova, 1963).

fraxini (L., 1758) [Heslop-Harrison, 1946]

This common palaearctic species (see Klimaszewski (1973) and Hodkinson and White, 1979 for bibliographies) was recorded from *Fraxinus ornus* in Northern India by Heslop-Harrison. It is more likely that this is one of the other described species of *Psyllopsis*.

RHINOPSYLLA Riley, 1885

[TRIOZIDAE]

TYPE-SPECIES: *R. schwarzii* Riley 1885

A poorly defined genus with representatives in the Oriental, Austro-Oriental, Nearctic and Neotropical faunas. Members of the genus possess a combination of Triozid and Carsidarid characters.

stylata Crawford, 1912 [Ramakrishna, 1924; Mathur, 1975]

Type locality: India. Host-plant: unknown.

shuliensis Yang, 1984

Type locality: Taiwan. Host-plant: *Machilus kusanoi* Hayata.

takahashii Boselli, 1930a [Miyatake 1965b, 1972b; Hodkinson, 1983a]

Rhynopsylla takahashii Boselli [Takahashi, 1936]

Type locality: Taiwan. Host-plant: *Senecio taiwanensis*, *S. nemorensis* L.

STENOPSYLLA Kuwayama, 1910

[TRIOZIDAE]

TYPE-SPECIES: *S. nigricornis* Kuwayama, 1910

A small Oriental, Austro-Oriental genus related to *Trioza*.

nigricornis Kuwayama, 1910 [Aulmann, 1913; Crawford, 1925c; Kuwayama, 1931; Takahashi, 1936; Sasaki, 1954; Yu, 1956; Miyatake, 1964a, 1976; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Japan. Host-plant: *Clerodendron trichotomum*, *Symplocos lucida*, *S. glauca* (Thunb.) Koidzumi.

occipitalis Yu, 1956 [Miyatake 1964a, 1965b; Hodkinson, 1983a; Yang 1984]

Type locality: Taiwan. Distribution: Ryukyu Is. Host-plant: *Ardisia cornudentata* Nakai and *Symplocos sozanensis* Hayata.

SYMPAUROPSYLLA Enderlein, 1921 — see *Pauropsylla*

SYNAPHALARA Yang, 1984 [CARSIDARIDAE]

TYPE-SPECIES: *Tenaphalara confluens* Yu, 1956

A monotypic genus erected for a single species removed from *Tenaphalara*.

confluens (Yu, 1956) [Yang, 1984]

Tenaphalara confluens Yu [Hodkinson, 1983a]

Type locality: Taiwan. Host-plant: *Palaquium formosanum* Hayata.

SYNPSYLLA Yang, 1984 [SPONDYLIASPIDIDAE?]

TYPE-SPECIES: *S. wendlandiae* Yang, 1984

A monotypic genus from Taiwan which shows some affinities with tropical species placed in *Spanioneura sensu lato* and possibly *Glycaspis*.

wendlandiae Yang, 1984

Type locality: Taiwan. Host-plant: *Wendlandia formosana* Cowan.

SYNTOMOZA Enderlein 1921 [APHALARIDAE]

TYPE-SPECIES: *Euphyllura magna* Kuwayama, 1908

A small east Palaearctic, Oriental genus which according to Loginova (1973) belongs to the tribe Euphyllurini. The similarities, however, are superficial and it appears closer to *Diclidophlebia* Crawford (see Hodkinson 1983a).

scolopiae Yang, 1984

Type locality: Taiwan. Host-plant: *Scolopia oldhamii* Hance.

SYRINGILLA Loginova, 1967, 1973 [APHALARIDAE]

TYPE-SPECIES: *Syntomoza humerosa* Loginova, 1967

Originally described as a sub-genus of *Syntomoza*. *Syringilla* was raised to generic status by Loginova (1973). *Euphyllura eastopi* Mathu (1973a) is probably synonymous with the one Oriental species (see below).

nepalensis Miyatake, 1981b

Type locality: Nepal. Host-plant: unknown.

TENAPHALARA Kuwayama, 1908 [CARSIDARIDAE]

TYPE-SPECIES: *T. acutipennis* Kuwayama, 1908

A small Oriental, Austro-Oriental genus in urgent need of revision.

acutipennis Kuwayama, 1908 [Crawford, 1911a, 1919; Aulmann, 1913; Ramakrishna, 1924; Boselli, 1930a; Kuwayama, 1931; Mathur, 1935, 1975; Beeson, 1941; Heslop-Harrison, 1951a; Loginova, 1981; Hodkinson, 1983a; Yang, 1984]

Tenaphalara elongata Crawford, 1912 [Rahman, 1932]

Tenaphalara elongata Crawford, [Fletcher 1917a]

Ctenophalara elongata Crawford [Bhatia and Shaffi, 1932]

Type locality: Taiwan. Distribution: India; Bangladesh; Philippines. Host-plant: *Bombax ceiba* L., *Sterculia foetida*.

malayensis Crawford, 1919 [Crawford, 1928b; Laing, 1930; Braza and Calilung, 1981; Cantelo, 1965; Hodkinson, 1983a]

Type locality: Malaya. Distribution: Indonesia, Philippines, Thailand. Host-plant: *Durio zibethinus*.

TOGEPSYLLA Kuwayama, 1931 [APHALARIDAE]

TYPE-SPECIES: *T. takahashii* Kuwayama, 1931

A highly characteristic Oriental genus of obscure relationship. Yang and Li (1981c) split off the genus *Hemipteripsylla* but the character differences are, in reality, trivial.

mimana Yang and Li, 1981c

Type locality: China. Host-plant: *Lindera communis* Hemsl.

takahashii Kuwayama, 1931 [Takahashi, 1936; Miyatake, 1970; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Lindera communis* Hemsl.

TRICHOCHERMES Kirkaldy, 1904 [TRIOZIDAE]

TYPE-SPECIES: *Trioza walkeri* Förster, 1848

A small genus with a broad distribution throughout the Palaearctic, Neotropical, Afrotropical and Oriental Regions. Two species have recently been transferred to *Petalolyma* by Yang and Li (1984d).

grandis Loginova, 1965 [Miyatake, 1971a; Kuwayama and Miyatake, 1971; Konova-lova, 1972; Baba and Miyatake, 1971; Klimaszewski, 1973; Loginova, 1974a; Kwon and Lee, 1981; Kwon, 1983]

Type locality: USSR, Primorye Territory. Distribution: China, Korea, Mongolia, Japan. Host-plant: *Rhamnus daurica*.

tzuensis Yang, 1984

Type locality: Taiwan. Host-plant: unknown.

TRIOZA Förster, 1848 [TRIOZIDAE]

TYPE-SPECIES: *Chermes urticae* L., 1758

A morphologically very diverse genus of worldwide distribution. The treatment of the genus follows Hodkinson (1983a): species are split into a *Megatrioza*/*Phyllopecta* group and a residual *Trioza* group.

Phyllopecta/*Megatrioza* group

beilschmiediae Yang, 1984 as *Trioza* (*Megatrioza*)

Type locality: Taiwan. Host-plant: *Beilschmiedia erythrophlora* Hay.

eugenoides (Crawford, 1917) as *Trioza* [Mathur, 1975]

Megatrioza eugenoides (Crawford) [Crawford, 1919, 1920b; Ramakrishna, 1924; Hodkinson, 1983a]

Type locality: Philippines. Distribution: Indonesia; Malaya; India. Host-plant: unknown.

hirsuta (Crawford, 1912) as *Kuwayama* [Mathur, 1975]

Megatrioza hirsuta (Crawford) [Crawford 1919, 1924; Ramakrishna, 1924; Sundar Raman, 1924; Mani, 1935, 1959, 1973; Battacharya, 1972]

Phyllopecta hirsuta (Crawford) [Mathur, 1935, 1946; Beeson, 1941; Mani, 1948]

Type locality: India. Host-plant: *Terminalia alata* Heyne ex. Roth.

T. arjuna (Roxb ex DC), *T. catappa* L., *T. paniculata* Roth. The record from *Ficus bengalensis* by Kandasamy (1982) suggests there may be more than one psyllid species involved.

lanshuensis Yang, 1984 as *Trioza* (*Megatrioza*)

Type locality: Taiwan. Host-plant: *Syzygium tripinnatum* (Blanco) Merr.

lobata Mathur, 1975 as *Trioza*

Type locality: India. Host-plant: *Duabanga grandiflora* (Roxb.) Walp. (= *D. sonneratioides* Buch. Ham.)

magnicauda (Crawford, 1919) as *Megatrioza* [Miyatake, 1964b, 1965a; Hodkinson, 1983a; Yang, 1984]

Type locality: India. Distribution: Taiwan; Ryukyu Is. Host-plant: *Diospyros ferra* var. *buxifolia* Bakh., *Maba buxifolia* (Rottb.) Pers.

mallotica (Crawford, 1928b) as *Megatrioza* [Mathur, 1975; Hodkinson, 1983a] *Phyllopecta mallotica* (Crawford) [Laing, 1930; Mathur, 1935, 1946; Beeson, 1941; Mani, 1948, 1959, 1973; Weidner, 1961; Loginova, 1982]

Type locality: Indonesia. Distribution: India; Pakistan (BM). Host-plant: *Mallotus philippinensis* Muell. Arg.

neolitseae Miyatake, 1965a [Hodkinson, 1983a; Yang, 1984]

Type locality: Ryukyu Is. Distribution: Taiwan. Host-plant: *Neolitsea aciculata* Koidz. Also recorded from the unlikely host *Mallotus philippinensis* by Yang 1984.

pallida (Uichanco, 1919) as *Megatrioza* [Hodkinson, 1983a]

Megatrioza pallida Uichanco [Uichanco, 1921; Houard 1922, 1926]

Type locality: Philippines. Distribution: Vietnam. Host-plant: *Mallotus philippinensis*.

pitiformis Mathur, 1975 as *Trioza* [Yang, 1984]

Phyllopecta sp. n. [Mathur, 1935]

Phyllopecta sp. [Beeson, 1941; Mani, 1959, 1973]

Phyllopecta sp. 1 [Mani, 1948]

Type locality: India. Distribution: Taiwan. Host-plant: *Mallotus philippinensis* (Lam.) Muell-Arg.

serrata Mathur, 1975 as *Trioza*

Type locality: India. Host-plant: *Sabia paniculata* Edgew.

vitiensis Kirkaldy, 1907 as *Trioza* [Kirkaldy, 1908; Aulmann, 1913; Tuthill, 1964; Mathur, 1975; Hodkinson, 1983a]

Megatrioza vitiensis (Kirkaldy) [Crawford, 1919, 1927, 1928a; Ramakrishna, 1924; Mani, 1935, 1948, 1959, 1973; Tuthill, 1942; Hill, 1982; Hill *et al.*, 1982]

Phyllopecta vitiensis (Kirkaldy) [Klyver, 1932, 1935]

Megatrioza vitichis (Kirk) [Mani, 1959]

Trioza eugeniae Crawford, 1915

Type locality: Fiji Is. Distribution: India; Sri Lanka; Malaya; Hong Kong; Indonesia and throughout the Pacific Islands. Host-plant: *Eugenia malaccensis*, *Syzygium malaccensis*, *S. jambolana*, *Tristania* sp.

Trioza residual group

analis Crawford, 1912 [Crawford, 1919; Ramakrishna, 1924; Mathur, 1975]

Type locality: India. Host-plant: unknown.

beesoni (Laing 1930) [Hollis, 1984]

Sympauropsylla beesoni (Laing) [Loginova, 1972a, 1982]

Pauropsylla beesoni [Mathur, 1935, 1946, 1975; Mani, 1948, 1959, 1973; Beeson, 1941; Kandasamy and Krishnan, 1981]

Type locality: India. Host-plants: *Litsea monopetala* (Roxb.) Pers., *L. stocksii* (Meissn.) Hook., *L. polyantha* Juss.

bifurcata Mathur, 1975

Phyllopecta sp. n. [Mathur, 1935]

Phyllopecta [Beeson, 1941; Mani, 1973]

Phyllopecta sp. 3 [Mani, 1948]

Type locality: India; Pakistan. Host-plant: *Populus euphratica* Oliv. This species was included in the *Trioza* group by Mathur (1975) despite earlier inclusion in *Phyllopecta*.

brevigenae Mathur, 1973b

Type locality: India. Host-plant: *Ficus* sp.

brevifrons Kuwayama, 1910 [Aulmann, 1913; Crawford, 1913, 1919; Kuwayama, 1931; Miyatake, 1964a; Klimaszewski, 1974; Kwon and Lee, 1981; Kwon, 1983; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Korea; Japan. Host-plant: unknown.

camphorae Sasaki, 1910 [Aulmann, 1913; Houard, 1922; Kuwayama, 1931; Sasaki, 1954; Sorin, 1959; Miyatake, 1964b; Klimaszewski, 1973; Mani, 1973; Hill *et al.*, 1982; Hodkinson, 1983a; Yang, 1984]

Trioza camphorea Sasaki [Hill, 1982]

indet. psyllid [Sundar Raman, 1924; Mani, 1948, 1959; see Mani, 1973]

Type locality: Taiwan. Distribution: China; Japan; Ryukyu Is; Hong Kong (BM). Host-plant: *Cinnamomum camphora* Sieb. Records of this species from Korea appear to relate to *Trioza chilgia* Park & Lee (Kwon and Lee, 1981; Kwon, 1983)

caseariae Yang, 1984

Type locality: Taiwan. Host-plant: *Casearia membranacea* Hance.

celtisae Yang, 1984

Type locality: Taiwan. Host-plant: *Celtis formosana* Hayata.

cerastii (L. 1758) [Kuwayama and Miyatake, 1971]

The record of this west palaearctic *Cerastium*-feeding species from China is based on a single female and is unlikely to be correct. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

chenopodii Reuter, 1876 [Sasaki, 1954; Miyatake, 1964a, 1976; Mathur, 1975]

Trioza obliqua Thomson, 1877 [Klimaszewski, 1968a]

Heterotrioza chenopodii (Thomson) [Klimaszewski, 1973]

Heterotrioza obliqua (Thomson) [Klimaszewski, 1973; Kwon and Lee, 1981; Kwon, 1983]

The common palaearctic species, which feeds on *Chenopodium* and *Atriplex*

species, is dimorphic, existing as a summer and winter form. The different forms have until recently been recognized as separate species (see Hodkinson and White, 1979; Lauterer 1982). Klimaszewski (1973) gives a full bibliography for both winter (*chenopodii* f. *autumnalis*) and summer form (*chenopodii* f. *aestivalis* = *obliqua*). This species has been recorded from India; Pakistan; Korea and Japan.

cinnamomi (Boselli, 1930a) [Miyatake, 1964b, 1965a, 1966, 1969a, 1976; Klimaszewski, 1973; Hodkinson, 1983a]

Spanioza cinnamomi Boselli

Siphonaleyrodes formosanus Takahashi, 1932 [Mound and Halsley, 1978]

Type locality: Taiwan. Distribution: Japan, Ryukyu Is. Host-plant: *Cinnamomum doederleinii* Engl., *C. loureirii* Nees, *C. japonicum* Sieb., *C. reticulatum*, *Neolitsea aciculata*.

citroimpura Yang and Li, 1984c

Type locality: China. Host-plant: *Citrus reticulata* Blanco.

elaeocarpi Yang, 1984

Type locality: Taiwan. Host-plant: *Elaeocarpus sylvestris* (Lour.) Poiret

euryae Yang, 1984

Type locality: Taiwan. Host-plant: *Eurya japonica* Thunb.

exoterica Yang, 1984

Type locality: Taiwan. Host-plant: *Cryptocarya chinensis* (Hance) Hemsl.

fletcheri Crawford, 1912 [Crawford, 1917, 1919, 1924; Ramakrishna, 1924; Sundar Raman, 1924; Docters van Leeuwen, 1926; Rahman, 1932; Mani, 1935, 1948, 1959, 1973; Mathur, 1935, 1975; Beeson, 1941; Loginova, 1982; Hodkinson, 1983a]

Spanioza fletcheri (Crawford) [Enderlein, 1926]

Type locality: India. Distribution: Malaya. Host-plant: *Trewia nudiflora* L., *Gmelina arborea* L.

fletcheri minor Crawford, 1912 [Ramakrishna, 1924; Mathur, 1935, 1975; Beeson, 1941; Saksena, 1944; Mani, 1948; Bindra and Varma, 1969]

Type locality: India. Distribution: Bangladesh (BM). Host-plant: *Terminalia alata* Heyne ex Roth. var. *tomentosa*, *T. arjuna* W & A, *T. catappa*.

There seems no good reason why *fletcheri minor* should not be recognized as a species separate from *fletcheri*.

formosana Kuwayama, 1910 [Aulmann, 1913; Crawford, 1919; Kuwayama, 1931; Miyatake, 1965a, 1968a; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Distribution: Ryukyu Is. Host-plant: *Ilex warburgii* Loesn., *I. hayatana*.

fusca Mathur, 1975

Type locality: India. Host-plant: *Syzygium cumini* L. Skeels (= *Eugenia jambolana* L.)

galii Förster, 1848 [Kuwayama, 1908; Aulmann, 1913; Kuwayama, 1931; Hodkinson, 1983a; Yang, 1984]

Type locality: Europe. Distribution: This widely distributed palaearctic species is known from Taiwan. Klimaszewski (1973) gives a bibliography for the Palaearctic. Host-plant: several *Galium* species.

gigantea Crawford, 1912 [Crawford, 1919; Ramakrishna, 1924; Mathur, 1975; Kandasamy, 1980]

Dasymastix gigantea (Crawford) [Enderlein, 1921]

Type locality: India. Host-plant: originally given as a tree by the local name of 'uttis'. Kandasamy (1980) records it on *Vaccinium neilgherrense*.

gigantea curta Mathur, 1975 [Lahiri and Biswas, 1979; Loginova, 1981]

Type locality: India. Host-plant: *Schima wallichii*. There seems no good reason to regard *gigantea curta* as the same species as *gigantea*.

himalayensis Mathur, 1973b

Type locality: India. Host-plant: unknown.

hyalina Crawford, 1912 [Crawford, 1919; Ramakrishna, 1924; Mathur, 1975]

Type locality: India. Host-plant: unknown.

jambolanae Crawford, 1917 [Crawford, 1919; Ramakrishna, 1924; Beeson, 1941; Mathur, 1946, 1975; Mani, 1948, 1973; Weidner, 1961; Balasubramian and Chandrasekaran, 1973; Loginova, 1982]

Spanioza jambolanae (Crawford) [Enderlein, 1926]

Type locality: India. Distribution: Bangladesh (BM). Host-plant: *Syzygium cumini* (= *Eugenia jambolana*)

kuwayamai Enderlein, 1914 [Kuwayama, 1931; Miyatake, 1964b, 1965a; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: *Pouteria obovata* Baeheni (= *Sideroxylon ferrugineum*)

lineata Yang, 1984

Type locality: Taiwan. Host-plant: *Celtis sinensis* Persoon.

longiantennata Mathur, 1975

Phyllopecta sp. n. [Mathur, 1935]

Phyllopecta [Beeson, 1941; Mani, 1959]

Phyllopecta sp. 4 [Mani, 1948, 1973]

Type locality: Pakistan. Host-plant: *Populus euphratica* Oliv.

myohyangi Klimaszewski, 1968c [Miyatake, 1971a; Kuwayama and Miyatake, 1971]

Bactericera myohyangi (Klimaszewski) [Klimaszewski, 1973; Kwon and Lee, 1981; Kwon, 1983]

Type locality: Korea. Distribution: China. Host-plant: *Salix* sp.

neolitseaicola Yang, 1984

Type locality: Taiwan. Host-plant: *Neolitsea parvigemma* (Hay.) Kanihira

nigra Kuwayama, 1910 [Aulmann, 1913; Shinji, 1949; Sasaki, 1954; Ko, 1961; Miyatake, 1965a, 1966, 1969b, 1971a, 1972a, 1976; Baba and Miyatake, 1971; Klimaszewski, 1973; Kwon and Lee, 1981; Kwon, 1983; Hodkinson, 1983a; Yang, 1984]

Trizona nigra Kuwayama [Shinji, 1938]

Type locality: Japan. Distribution: Korea; Taiwan; Ryukyu Is. Host plant: *Styrax japonicum* S & Z., *S. formosana* Matsum, *S. obassia* S. & Z., *Symplocos coreana* (Lev. Ohwi), *S. japonicum*.

obsoleta (Buckton, 1900) [Aulmann, 1913; Maxwell-Lefroy, 1909; Laing, 1930; Beeson, 1941; Mani, 1948, 1959; Mathur, 1975]

Psylla obsoleta Buckton [Niceville, 1903; Froggatt, 1903; Ramakrishna, 1919, 1924]

Type locality: India. Distribution: Sri Lanka (BM). Host-plant: *Diospyros melanoxylon* Roxb., *D. tomentosa* Roxb.

outeiensis Yang, 1984

Type locality: Taiwan. Host-plant: *Eugenia* sp.

quadrimaculata Yang, 1984

Type locality: Taiwan. Host-plant: *Castanopsis stipulata* (Hay.) Nakai.

scottii Löw, 1880 [Heslop-Harrison, 1946]

This west palaearctic *Berberis*-feeding species was recorded for northern India by Heslop-Harrison. Šulc (1912) gives a good redescription. Klimaszewski (1973) gives a bibliography for the Palaearctic Region but more recently Gegechkori has recorded this species frequently from the Caucasus region of the USSR (e.g. Gegechkori, 1975, 1978)

simplifica Mathur, 1975 [Kandasamy, 1980, 1981]

Type locality: Nepal. Distribution: India. Host-plant: *Terminalia travancorensis* W & A.

spinulata Mathur, 1975

Type locality: India. Host-plant: *Syzygium cumini* (L.) Skeels (= *Eugenia jambolana* Lam).

taiwanica Boselli, 1930 [Miyatake, 1964b; Hodkinson, 1983a; Yang, 1984]

Type locality: Taiwan. Host-plant: unknown.

urticae (L. 1758) [Crawford, 1912, 1919; Ramakrishna, 1924; Mani, 1948; Heslop-Harrison, 1946; Weidner, 1961; Kuwayama and Miyatake, 1971; Klimaszewski 1969, 1972a, 1973; Mathur, 1975]

A very common species throughout the western Palaearctic. It is known from China and N. India where it feeds on *Urtica* spp. Klimaszewski (1973) and Hodkinson and White (1979) give a bibliography for the Palaearctic.

valida Yang, 1984

Type locality: Taiwan. Host-plant: *Symplocos morrisonicola* Hayata.

viridula Zetterstedt, 1828 [Kuwayama, 1908; Sasaki, 1954; Kuwayama and Miyatake, 1971; Miyatake 1964a]

This species which occurs commonly on *Cirsium* species in Europe is known from Japan and from a single female from China. Klimaszewski (1973) gives a bibliography for the Palaearctic Region.

TRISETIPSYLLA Yang and Li, 1984c

[PSYLLIDAE]

TYPE-SPECIES: *T. sinica* Yang & Li, 1984c

A genus erected on trivial characters to include two similar Meliaceae-feeding species.

bengalensis (Mathur, 1975)

Type locality: India. Host-plant: *Cedrela toona* Roxb.

sinica Yang and Li, 1984c

Type locality: China. Host-plant: *Toona sureni* B. (*T. ciliata*).

Host plants

Generic names of plants listed below follow Willis (1973) and the families are arranged according to Cronquist (1968). Generic names have been changed, where appropriate, to bring them into line with modern usage.

	Host-plant		Psyllid
MAGNOLIALES	Magnoliaceae	<i>Michelia</i>	<i>Paraphyllura micheliae</i>
	Annonaceae	<i>Miliusa</i>	<i>Ceropsylla ferruginea</i>
	Lauraceae	<i>Beilschmiedia</i>	<i>Homotrioza beilschmiediae</i>
			<i>Ozotrioza laurinearum</i>
			<i>Trioza beilschmiediae</i>
		<i>Cinnamomum</i>	<i>Trioza camphorae</i>
			<i>T. cinnamomi</i>
		<i>Cryptocarya</i>	<i>Trioza exoterica</i>
		<i>Lindera</i>	<i>Togepsylla matsumurana</i>
			<i>T. mimana</i>
			<i>T. takahashii</i>
		<i>Litsea</i>	<i>Togepsylla matsumurana</i>
			<i>Hemipteripsylla tibetana</i>
			<i>Psylla tripunctata</i>
			<i>Trioza beesoni</i>
		<i>Neolitsea</i>	<i>Pylla deflura</i>
		(= <i>Machilus</i>)	<i>P. neolitseae</i>
			<i>Trioza neolitsicola</i>
			<i>T. cinnamomi</i>
			<i>T. neolitseae</i>
			<i>Neotrioza machili</i>
FAGALES	Fagaceae	<i>Castanopsis</i>	<i>Trioza quadrimaculata</i>
		<i>Quercus</i>	<i>Petalolyma basalis</i>
	Betulaceae	<i>Alnus</i>	<i>Psylla alni</i>
CARYOPHYLLALES	Caryophyllaceae	<i>Cerastium</i>	<i>Trioza cerastii</i>
	Chenopodiaceae	<i>Atriplex</i>	<i>Trioza chenopodii</i>
		<i>Chenopodium</i>	<i>T. chenopodii</i>
POLYGONALES	Polygonaceae	<i>Calligonum</i>	<i>Pachypsylloides</i> sp (BM)
		<i>Polygonum</i>	<i>Aphalara itadori</i>
			<i>A. maculipennis</i>
			<i>A. ossiannilssoni</i>
			<i>A. polygoni</i>
		<i>Rumex</i>	<i>Aphalara exilis</i>
THEALES	Dipterocarpaceae	<i>Shorea</i>	<i>Ceropsylla minuta</i>
			<i>Leuronota corniculata</i>
	Theaceae	<i>Eurya</i>	<i>Bosellius euryae</i>
			<i>Trioza euryae</i>
			<i>Eustenopsylla euryae</i>
		<i>Tutcheria</i>	<i>Leptotrioza tutcheriae</i>
		<i>Schima</i>	<i>Trioza gigantea curta</i>
			<i>Cecidopsylla schimae</i>
	Guttiferae	<i>Calophyllum</i>	<i>Leptynoptera sulfurea</i>
MALVALES	Elaeocarpaceae	<i>Elaeocarpus</i>	<i>Homotrioza maculata</i>
			<i>Trioza elaeocarpi</i>
	Tiliaceae	<i>Grewia</i>	<i>Haplaphalara menoni</i>

	Host-plant		Psyllid
	Sterculiaceae	<i>Firmiana</i>	<i>Carsidara marginalis</i>
		<i>Sterculia</i>	<i>Tenaphalara acutipennis</i>
	Bombacaceae	<i>Bombax</i>	<i>Nesiopse pseudonervosa</i>
			<i>Tenaphalara acutipennis</i>
		<i>Durio</i>	<i>Tenaphalara malayensis</i>
	Malvaceae	<i>Abutilon</i>	<i>Mesohomotoma camphorae</i>
		<i>Hibiscus</i>	<i>Mesohomotoma camphorae</i>
			<i>M. hibisci</i>
		<i>Kydia</i>	<i>Paurocephala russellae</i>
			<i>Paurocephala</i> nr. <i>minuta</i>
		<i>Urena</i>	<i>Mesohomotoma lobata</i>
			<i>M. hibisci</i>
VIOLALES	Flacourtiaceae	<i>Casearia</i>	<i>Trioza caseariae</i>
		<i>Scolopia</i>	<i>Syntomoza scolopiae</i>
	Tamaricaceae	<i>Tamarix</i>	<i>Colposcenia aliena</i>
			<i>C. constricta</i>
			<i>C. elegans</i>
SALICALES	Salicaceae	<i>Populus</i>	<i>Trioza bifurcata</i>
			<i>T. longiantennata</i>
			<i>Egeirotrioza populi</i>
			<i>E. ceardi</i>
		<i>Salix</i>	<i>Psylla zaecevi</i>
			<i>P. clauda</i>
			<i>P. indicata</i>
			<i>Trioza myohyangi</i>
ERICALES	Ericaceae	<i>Vaccinium</i>	<i>Psylla vaccinii</i>
			<i>Parastenopsylla vaccinia</i>
			<i>P. proboscidea</i>
			<i>Trioza gigantea?</i>
EBENALES	Sapotaceae	<i>Palaquim</i>	<i>Synaphalara confluens</i>
		<i>Pouteria</i>	<i>Trioza kuwayamai</i>
	Ebenaceae	<i>Diospyros</i>	<i>Trioza obsoleta</i>
		(= <i>Maba</i>)	<i>T. magnicauda</i>
	Styracaceae	<i>Styrax</i>	<i>Trioza nigra</i>
		indet. sp.	<i>Ozotrioza styracearum</i>
	Symplocaceae	<i>Symplocos</i>	<i>Homotrioza kuwayamai</i>
			<i>H. epica</i>
			<i>Stenopsylla nigricornis</i>
			<i>Trioza valida</i>
			<i>Cryptotrioza mathuri?</i>
			<i>Cecidotrioza baccarum?</i>
			<i>Stenopsylla occipitalis</i>
PRIMULALES	Myrsinaceae	<i>Ardisia</i>	<i>Stenopsylla occipitalis</i>
ROSALES	Pittosporaceae	<i>Pittosporum</i>	<i>Psylla multijuga</i>
			<i>P. tobirae</i>
			<i>P. oluanpiensis</i>
			<i>Rhinopsylla shuiliensis</i>
RANUNCULALES	Berberidaceae	<i>Berberis</i>	<i>Trioza scottii</i>
	Lardizabalaceae	<i>Akebia</i>	<i>Psylla coccinea</i>
		<i>Stauntonia</i>	<i>Psylla coccinea</i>
	Sabiaceae	<i>Sabia</i>	<i>Trioza serrata</i>
HAMAMELIDALES	Hamamelidaceae	<i>Exbucklandia</i>	<i>Psylla longigena</i>

	Host-plant		Psyllid
URTICALES	Ulmaceae	<i>Celtis</i>	<i>Trioza celtisae</i>
			<i>T. lineata</i>
			<i>Celtisaspis japonica</i>
			<i>C. sinica</i>
	Moraceae	<i>Trema</i>	<i>Paurocephala psylloptera</i>
			<i>Ceropsylla fulvida</i>
		<i>Ficus</i>	<i>Dynopsylla pinnativena</i>
			<i>D. grandis</i>
			<i>Homotoma altissimae</i>
			<i>H. benjaminiae</i>
			<i>H. distincta</i>
			<i>H. galbvittata</i>
			<i>H. indica</i>
			<i>H. maculata</i>
			<i>H. pyriformiscola</i>
			<i>H. radiata</i>
			<i>H. ruiliana</i>
			<i>H. wulinensis</i>
			<i>H. yunnanica</i>
			<i>H. xishuangana</i>
			<i>Macrohomotoma hylocola</i>
			<i>M. magna</i>
			<i>M. minana</i>
			<i>M. robusta</i>
			<i>M. striata</i>
			<i>M. sinica</i>
			<i>M. viridis</i>
			<i>M. yunana</i>
			<i>M. geniculata</i>
			<i>M. gladiata</i>
			<i>Mycopsylla gardenensis</i>
			<i>Paurocephala conchaiensis</i>
			<i>P. psylloptera</i>
			<i>Pauropsylla depressa</i>
			<i>P. ficicola</i>
			<i>P. globuli</i>
			<i>P. purpurescens</i>
			<i>P. udei</i>
			<i>Pauropsylla triozyoptera</i>
			<i>Trioza brevigenae</i>
			<i>Trioza hirsuta?</i>
			<i>Paurocephala psylloptera</i>
	Urticaceae	<i>Morus</i>	<i>Trioza urticae</i>
	Hydrangeaceae	<i>Urtica</i>	<i>Cyamophila hexastigma?</i>
	Rosaceae	<i>Hydrangea</i>	<i>Psylla crataegi</i>
			<i>P. melanoneura</i>
		<i>Crataegus</i>	<i>Psylla eriobotryacola</i>
			<i>P. eriobotryae</i>
		<i>Eriobotrya</i>	<i>Psylla aili?</i>
			<i>P. betulafoliae</i>
			<i>P. cangshanli?</i>
			<i>P. changli</i>
			<i>P. chinensis</i>
			<i>P. dianli?</i>
			<i>P. erhaili?</i>
			<i>P. heterobetulaefoliae</i>
		<i>Pyrus</i>	

Host-plant			Psyllid
	Leguminosae	<i>Stranvaesia</i>	<i>P. jiangli</i>
			<i>P. kunmingli?</i>
			<i>P. lioli</i>
			<i>P. phaeocarpae</i>
			<i>P. pyri</i>
			<i>P. pyricola</i>
			<i>P. quianli?</i>
			<i>P. simaoli?</i>
			<i>P. yunli?</i>
			<i>P. xanthisma?</i>
			<i>P. xiaguanli?</i>
		<i>Acacia</i>	<i>Psylla</i> sp. 1
			<i>Psylla</i> sp. 1
			<i>Psylla stranvaesia</i>
			<i>Metapsylla acaciae</i>
			<i>Arytaina thakrei</i>
			<i>A. spinosa</i>
			<i>A. albizziae</i>
			<i>Acizzia indica</i>
			<i>Psylla hyalina</i>
			<i>P. oblonga</i>
		<i>Bauhinia</i>	<i>P. viccifoliae</i>
			<i>Psylla</i> sp. nr <i>simlae</i>
			<i>Euphalerus vittatus</i>
			<i>Psylla hyalina</i>
			<i>Epipsylla crotalariae</i>
			<i>Epipsylla venusta</i>
			<i>Arytaina thakrei</i>
			<i>A. obscura?</i>
			<i>Arytaina isitis</i>
			<i>Cyamophila hexastigma</i>
		<i>Cassia</i>	<i>Epipsylla viridis</i>
			<i>Epipsylla albolineata</i>
			<i>E. mucunae</i>
			<i>E. ruiliana</i>
			<i>E. yunnanica</i>
			<i>Epipsylla puerariae</i>
			<i>Cyamophila hexastigma</i>
			<i>Psylla viccifoliae</i>
			<i>Epipsylla guangxiana</i>
			<i>E. whitfordiodendritis</i>
		<i>Crotalaria</i>	<i>Trioza lobata</i>
			<i>Trioza outeiensis</i>
			<i>T. vitiensis</i>
			<i>Euphyllura caudata</i>
			<i>E. concolor</i>
			<i>Trioza fusca</i>
			<i>T. jambolanae</i>
			<i>T. spinulata</i>
			<i>T. lanshuensis</i>
			<i>T. vitiensis</i>
		<i>Derris</i>	<i>Trioza vitiensis</i>
			<i>Trioza simplifica</i>
			<i>T. hirsuta</i>
			<i>T. fletcheri minor</i>
		<i>Dalbergia</i>	
		<i>Indigofera</i>	
		<i>Maackia</i>	
		<i>Millettia</i>	
		<i>Mucuna</i>	
		<i>Pueraria</i>	
		<i>Sophora</i>	
		<i>(= Styphnolobium)</i>	
		<i>Whitfordiodendron</i>	
MYRTALES	Sonneratiaceae	<i>Duabanga</i>	
	Myrtaceae	<i>Eugenia</i>	
		<i>Syzygium</i>	
	Combretaceae	<i>Terminalia</i>	

	Host-plant		Psyllid
PROTEALES	Elaeagnaceae	<i>Elaeagnus</i>	<i>Psylla elaeagni</i> <i>P. fulguralis</i> <i>P. lanceolata</i> <i>P. kiushuensis</i> <i>Eptitrioza yasumatsui</i> <i>Psylla hippophaes</i>
		<i>Hippophae</i>	
SANTALES	Santalaceae	<i>Santalum</i>	<i>Psylla santali</i> <i>Macrohomotoma maculata</i> <i>Mycopsylla indica</i> <i>Diaphorina venata</i>
CELESTRALES	Celestraceae	<i>Gymnosporia</i>	<i>Diaphorina gymnosporiae</i>
	Salvadoraceae	<i>Salvadora</i>	<i>Euphyllura obsoleta</i>
	Aquifoliaceae	<i>Ilex</i>	<i>Trioza formosana</i> <i>Petalolyma bicolor</i> <i>P. sinica</i> <i>P. yunnanana</i>
EUPHORBIALES	Euphorbiaceae	<i>Gelonium</i>	<i>Epipsylla rubrofasciata</i>
		<i>Mallotus</i>	<i>Trioza malloticola</i> <i>T. pallida</i> <i>T. pitiformis</i> <i>Pseudotrioza malloticola</i>
		<i>Trewia</i>	<i>Trioza fletcheri</i>
RHAMNALES	Daphniphyllaceae	<i>Daphniphyllum</i>	<i>Cecidotrioza sozanica</i>
	Rhamnaceae	<i>Rhamnus</i>	<i>Psylla juiiliensis</i> <i>Arytaina cornicola?</i> <i>Trichochermes grandis</i>
		<i>Ziziphus</i>	<i>Paurocephala trimaculata</i>
SAPINDALES	Sapindaceae	<i>Euphoria</i> (= <i>Dimocarpus</i>)	<i>Cornegenapsylla sinica</i> <i>Neophacopteron euphoriae</i> <i>Psylla litchi</i> <i>Phacopteron lentiginosum</i>
	Burseraceae	<i>Schleichera</i>	<i>Chineura alba</i>
		<i>Canarium</i>	<i>Pseudophacopteron canarium</i>
	Anacardiaceae	<i>Garuga</i>	<i>Phacopteron lentiginosum</i>
		<i>Buchanania</i>	<i>Microceropsylla longispiculata</i>
		<i>Mangifera</i>	<i>M. nigra</i> <i>M. maculata</i> <i>M. brevicornis</i> <i>Apsylla indica</i> <i>Leuronota minuta</i>
	Pistaciaceae	<i>Rhus</i>	<i>Calophya nigradorsalis</i>
		<i>Semecarpus</i>	<i>Microceropsylla verrucosa</i>
		<i>Spondias</i>	<i>Pelmatobrachia spondiasae</i>
	Rutaceae	<i>Pistacia</i>	<i>Agonosцена bimaculata</i>
		<i>Citrus</i>	<i>Diaphorina citri</i> <i>Psylla citricola</i> <i>P. citrisuga</i> <i>Trioza citroimpura</i>
		<i>Evodia</i>	<i>Psylla evodiae</i> <i>Calophya evodiae</i>
		<i>Murraya</i>	<i>Psylla murrayi</i> <i>Diaphorina citri</i> <i>D. communis</i>

	Host-plant		Psyllid
	Flindersiaceae	<i>Toddalia</i>	<i>Psylla toddaliae</i>
	Meliaceae	<i>Chloroxylon</i>	<i>Peripsyllopsis ramakrishni</i>
		<i>Aglaiia</i>	<i>Pseudophacopteron floccosa</i>
		<i>Aphanamixis</i>	<i>Pseudophacopteron aphanamixis</i>
		<i>Cedrela</i>	<i>Psylla cedrelae</i>
			<i>P. eastopi</i>
			<i>Bharatiana octospinosa</i>
			<i>Trisetipsylla bengalensis</i>
		<i>Chukrasia</i>	<i>Psylla cedrelae</i>
		<i>Melia</i>	<i>Metapsylla meliae</i>
		<i>Toona</i>	<i>Bharatiana toonae</i>
			<i>B. toonaquiana</i>
			<i>Trisetipsylla sinica</i>
POLYGALALES	Malpighiaceae	<i>Hiptage</i>	<i>Episylla wushaensis?</i>
UMBELLALES	Araliaceae	<i>Fatsia</i>	<i>Psylla fatsiae</i>
		<i>Hedera</i>	<i>Psylla formosana</i>
			<i>P. toroensis</i>
		<i>Schefflera</i>	<i>Psylla schefflerae</i>
			<i>P. fatsiae</i>
		<i>Tetrapanax</i>	<i>Psylla tetrapanaxae</i>
GENTIANALES	Strychnaceae	<i>Strychnos</i>	<i>Diaphorina truncata</i>
	Apocynaceae	<i>Alstonia</i>	<i>Pseudophacopteron tuberculatum</i>
			<i>P. alstonia</i>
	Asclepiadaceae	<i>Leptadenia</i>	<i>Diaphorina bikanerensis</i>
POLEMONIALES	Solanaceae	<i>Lycium</i>	<i>Paratrioza sinica</i>
			<i>P. petiolata</i>
LAMIALES	Ehretiaceae	<i>Cordia</i>	<i>Diaphorina aegyptiaca</i>
		<i>Ehretia</i>	<i>Diaphorina dunensis</i>
	Verbenaceae	<i>Gmelina</i>	<i>Triozia fletcheri</i>
SCROPHULARIALES	Oleaceae	<i>Fraxinus</i>	<i>Psyllopsis fraxini</i>
		<i>Olea</i>	<i>Euphyllura pakistanica</i>
			<i>E. olivina</i>
	Acanthaceae	<i>Baphicacanthus</i>	<i>Psylla baphicacanthi</i>
RUBIALES	Rubiaceae	<i>Anthocephalus</i>	<i>Pauropsylla reticulata</i>
		<i>Wendlandia</i>	<i>Synpsylla wendlandiae</i>
		<i>Galium</i>	<i>Triozia galii</i>
DIPSACALES	Caprifoliaceae	<i>Viburnum</i>	<i>Psylla viburni</i>
ASTERALES	Compositae	<i>Cirsium</i>	<i>Triozia viridula</i>
		<i>Senecio</i>	<i>Rhinopsylla takahashii</i>
JUNCALES	Juncaceae	<i>Juncus</i>	<i>Livia juncorum</i>
			<i>L. khaziensis</i>
			<i>L. nigra</i>

Undetermined psyllid galls

Undetermined psyllid species are known to form galls on the following plants, which are listed in taxonomic sequence along with the reference to the gall description.

	Host-plant		Psyllid
MAGNOLIALES	Lauraceae	<i>Beilschmiedia sikkimensis</i>	Sundar Raman, 1924 Mani, 1948
		<i>Cinnamomum camphora</i>	Sundar Raman, 1924 Houard, 1922
		<i>C. macrocarpum</i>	Mani, 1948, 1959, 1973
		<i>C. nitidum</i>	Houard, 1922 Mani, 1948, 1959 Muller, 1872, 1873
		<i>C. ovalifolium</i>	Mani, 1973
		<i>C. wightii</i>	Mani, 1973
		<i>C. zeylandicum</i>	Bois and Gerber, 1909 Houard, 1922 Mani, 1948, 1959, 1973
		<i>Lindera assamica</i>	Kieffer, 1905 Houard, 1922 Sundar Raman, 1924 Mani, 1948, 1959, 1973
		<i>Neolitsea odoratissima</i>	Mani, 1954, 1959, 1973
		<i>Neolitsea zeylandica</i>	Mani, 1959, 1973
		<i>Pheobe</i> sp.	Mani, 1948, 1959, 1973
URTICALES	Moraceae	<i>Ficus asperrima</i>	Nyar, 1944 Mani, 1959, 1973
		<i>F. glomerata</i>	Docters van Leeuwen 1922a Houard 1926 Nayar, 1944, 1948 Mani, 1959, 1973 Weidner, 1961
		<i>F. infectoria</i>	Mani 1948, 1953b, 1959, 1973
		<i>F. religiosa</i>	Mani, 1953b, 1959, 1973
		<i>F. roxburghii</i>	Mani, 1948, 1953a, 1959, 1973
		<i>F. rumphii</i>	Mani, 1959, 1973
		<i>F. sycomorus</i>	Houard, 1914
		<i>F. isiola</i>	Mani, 1967, 1973
		<i>F. variegata</i>	Houard, 1926
		<i>Ficus</i> indet	Docters van Leeuwen, 1922b
	Urticaceae	<i>Boehmeria</i> sp.	Mani, 1959, 1973
		<i>Lecanthus wightii</i>	Mani, 1953a, 1959, 1973
THEALES	Theaceae	<i>Schima wallichii</i>	Mani, 1967, 1973
	Guttiferae	<i>Calophyllum decipiens</i>	Nyar, 1948 Mani, 1959, 1973
		<i>Garcinia cambogia</i>	Mani, 1973
MALVALES	Tiliaceae	<i>Grewia</i> sp.	Mani, 1959, 1973
	Malvaceae	<i>Kydia calycina</i>	Mani, 1959
		<i>Thespesia populnea</i>	Houard, 1926
EBENALES	Sapotaceae	<i>Madhuca latifolia</i>	Mani, 1973
	Ebenaceae	<i>Diospyros</i>	Houard, 1926
	Symplocaceae	<i>Symplocos spicata</i>	Raman and Kandasamy 1978

	Host-plant		Reference
MYRTALES	Myrtaceae	<i>Eugenia corymbosa</i>	Mani, 1973
		<i>E. densiflora</i>	Houard, 1926
		<i>Rhodamnia trinervia</i>	Houard, 1926
		<i>Syzygium operaculatum</i>	Mani, 1948, 1959, 1973
			Docters van Leeuwen, 1926
	Melastomaceae	<i>Melastoma polyanthum</i>	Houard, 1926
	Comretaceae	<i>Anogeissus latifolia</i>	Mani, 1953b, 1959, 1973
		<i>Terminalia catappa</i>	Mani, 1959, 1973
		<i>T. crenulata</i>	Mani, 1959, 1973
		<i>Terminalia</i> sp.	Houard, 1922
			Mani, 1948
SANTALES	Loranthaceae	<i>Loranthus</i> sp.	Mani, 1948, 1959, 1973
CELESTRALES	Aquifoliaceae	<i>Ilex wightiana</i>	Sundar Raman, 1924
			Mani, 1948, 1959, 1973
EUPHORBIALES	Euphorbiaceae	<i>Bridelia tomentosa</i>	Docters van Leeuwen, 1922b
			Houard, 1926
		<i>Dimorphocalyx glabellus</i>	Nyar, 1948
			Mani, 1959, 1973
RHAMNALES	Rhamnaceae	<i>Macaranga indica</i>	Mani, 1948, 1959, 1973
		<i>Rhamnus</i> sp.	Houard, 1923
			Frank, 1896
SAPINDALES	Anacardiaceae	<i>Ziziphus rugosus</i>	Mani, 1973
		<i>Melanorrhoea usitata</i>	Docters van Leeuwen, 1925
		<i>Rhus semialata</i>	Houard, 1914, 1922
			Mani, 1973
	Meliaceae	<i>Rhus</i> sp.	Weidner, 1961
		<i>Semecarpus anacardium</i>	Mani, 1959, 1973
		<i>Aglaia simplicifolia</i>	Mani, 1973
GENTIANALES	Apocynaceae	<i>Alstonia kurzii</i>	Kandasamy and Sharma, 1983
LAMIALES	Verbenaceae	<i>Clerodendrum infortunatum</i>	Mani, 1973
RUBIALES	Rubiaceae	<i>Chomelia asiatica</i>	Nyar, 1948
			Mani, 1959, 1973

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