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A TENTATIVE CATALOGUE OF HOST PLANTS
OF APHIDOIDEA IN JAPAN

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INTRODUCTION

The purpose of the present catalogue is to offer the records of relationship between Japanese Aphidoidea and their host plants. The Aphidoidea are interesting insects not only from the viewpoint of biology but also of great importance in economic entomology and plant virology. The study of the relationship between Aphidoidea and their host plants is indispensable and fundamental. A great deal of taxonomic and biological works on Japanese Aphidoidea have been published by Matsumura, Shinji, Takahashi and many others. The fauna of Aphidoidea in Japan is comparatively rich, including about 680 described species. In entomology and plant virology a publication of general catalogue of host plants of Japanese Aphidoidea has been demanded for a long time. However, no one has attempted to publish any such catalogue except the simple host plant list given by Shinji (1941).

The present catalogue is divided into the following three parts: -

- Part I Host Plant - Aphid Catalogue
- Part II Aphid - Host Plant Catalogue
- Part III Bibliography

In this catalogue, references are made only to the entomological literature including a great majority of taxonomic papers and some biological or economic papers concerned, which were published before 1969. The nomenclature of each species of the Aphidoidea mentioned in this catalogue is not always valid, and there are some ones which are still opened to discussion. We will work out the problem in other papers in future. The classification and nomenclature of the higher categories of the Aphidoidea used in this catalogue are based on the system proposed by Kennedy, Day and Eastop (1962). Those of the host plants are followed after Ohwi's "Flora of Japan" (1965).

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PART I HOST PLANT - APHID CATALOGUE

The names of host plants are listed alphabetically within a genus and the generic names within a family, whereas the higher categories are arranged in their systematic order. Doubtful host plants are indicated by an asterisk (*) in front of the names of the aphids. The Japanese names of the host plants are shown between the quotation marks behind the scientific names. The arabic figures indicate the references listed in Part III.

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PART II APHID - HOST PLANT CATALOGUE

The names of aphids are listed alphabetically within a genus and the generic names within a subfamily. Doubtful host plants are indicated by an asterisk (*) in front of the names.

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- Cinara cembrae (Cholodkovsky, 1892)
= Lachnus cembrae Seitner, 1936
Pinus pumila
- Cinara chibi Inouye, 1962
Larix leptolepis
- Cinara exoana Inouye, 1936
Picea excelsa
Picea glehnii
Picea jezoensis
- Cinara formosana (Takahashi, 1924)
Pinus densiflora
Pinus luchuensis
- Cinara hattorii Kôno & Inouye, 1938
Abies sachalinensis
- Cinara horii Inouye, 1938
= Cinara piceicola: Inouye, 1938
Picea jezoensis
- Cinara kochiana kochi Inouye, 1939
Larix leptolepis
Larix olgensis var. koreana
- Cinara konoi Inouye, 1941
Abies sachalinensis
Abies sachalinensis var. mayriana
- Cinara laricicola (Matsumura, 1917)
Larix europaea
Larix gmelini
Larix leptolepis
Larix olgensis var. koreana
- Cinara laricis (Hartig, 1839)
Larix leptolepis
Larix sp.
- Cinara longipennis (Matsumura, 1917)
= Dilachnus momii Shinji, 1924
Abies firma
Abies sachalinensis
Abies sachalinensis var. mayriana
Abies sp.
- Cinara pini (L., 1758)
= Lachnus pinea Mordvilko, 1895
= Dilachnus piniiformosanus Takahashi, 1923
= Cinara pineti: Inouye, 1938, Shinji, 1935, 1941
Pinus densiflora
Pinus luchuensis
Pinus thunbergii
- Cinara pinicola (Kaltenbach, 1843)
= Cinara nopporoensis Inouye, 1937
Picea glehni
- Cinara shinjii Inouye, 1938
= Lachnus fasciatus Shinji, 1922
Pinus parviflora
- Cinara taeniata (Koch, 1857)
Larix gmelini
Larix leptolepis
- Cinara todocola (Inouye, 1936)
Abies firma
Abies sachalinensis
Abies sachalinensis var. mayriana
Abies sp.
- Cinara todoe Shinji, 1935
Abies sp.
- Cinara tujafilina (del Guercio, 1909)
= Cinara thujafolia Theobald, 1914
Thuja orientalis
Thuja standishii
- Cinara vanduzei (Swain, 1929)
Picea canadensis
Picea excelsa
Picea jezoensis
- Eulachnus betulae (Shinji, 1924)
Betula sp.
- Eulachnus pumilae Inouye, 1939
Pinus pumila
- Eulachnus thunbergii Wilson, 1919
= Eulachnus piniiformosanus Takahashi, 1921
Pinus densiflora
Pinus luchuensis
Pinus montana
Pinus thunbergii
Pinus sp.
- Lachniella costata (Zetterstedt, 1828)
Picea canadensis
Picea excelsa
Picea glehnii
Picea jezoensis
- Lachnus inflatus Shinji, 1922
Pinus thunbergii
- Lachnus longicorpi Shinji, 1922
Pinus densiflora
Pinus thunbergii
- Lachnus ogasawarae (Matsumura, 1917)
Quercus sp.
- Lachnus quercihabitans (Takahashi, 1924)
Quercus sp.
- Lachnus roboris (L., 1758)

- Pasania edulis*
Quercus dentata
Quercus gilva
Quercus glauca
- Lachnus toropicalis (van der Goot, 1916)
 = *Pterochlorus japonicus* Matsumura, 1917
Castanea crenata
Castanopsis cuspidata
Castanopsis sp.
Quercus acuta
Quercus acutissima
Quercus dentata
Quercus mongolica var. *grosseserrata*
Quercus myrsinaefolia
Quercus phillyraeoides
Quercus serrata
Quercus sp.
- Nippolachnus abietinus Matsumura, 1917
Abies sachalinensis
Abies sp.
- Nippolachnus micromeli Shinji, 1924
Sorbus alnifolia
- Nippolachnus piri Matsumura, 1917
Betula platyphylla var. *japonica*
Betula sp.
Castanea crenata
Eriobotrya japonica
Pyrus communis
Pyrus serotina var. *culta*
Rhaphiolepis umbellata
Sorbus alnifolia
- Schizolachnus orientalis (Takahashi, 1924)
Pinus densiflora
Pinus luchuensis
Pinus sp.
- Stomaphis aceris Takahashi, 1960
Acer sp.
- Stomaphis alni Sorin, 1965
Alnus hirsuta
- Stomaphis carpini Sorin, 1965
Carpinus tschonoskii
- Stomaphis fagi Takahashi, 1960
Fagus sp.
- Stomaphis quercus (L., 1758)
Quercus serrata
- Stomaphis quercus japonica Takahashi, 1960
 = *Stomaphis quercus*: Shinji, 1941
Quercus acutissima
Quercus mongolica var. *grosseserrata*
Quercus serrata
Quercus sp.
- Stomaphis quercus pini Takahashi, 1960
 = *Stomaphis pini* Takahashi, 1920
Pinus densiflora
- Stomaphis takahashii Sorin, 1965
- Acer pictum* var. *typicum*
Betula platyphylla var. *japonica*
Stomaphis yanonis Takahashi, 1918
Celtis sinensis var. *japonica*
Zelkova sp.
- Stomaphis yanonis aesculi Takahashi, 1960
Aesculus turbinata
- Stomaphis ulmicola Inouye, 1938
Ulmus davidiana var. *japonica*
- Todolachnus abietis Matsumura, 1917
Abies firma
Abies sachalinensis
Abies sachalinensis var. *mayriana*
Abies sp.
- Trama taraxaci (Shinji, 1929)
 = *Trama taraxaci* Shinji, 1930
Taraxacum platycarpum
- Tuberolachnus salignus (Gmelin, 1788)
 = *Aphis viminalis* Fonscolombe, 1841
Salix babylonica
Salix gracilistyla
Salix koriyanagi
Salix yezoalpina
Salix sp.
- CHAITOPHORIDAE
- Chaitophorus coreanus Takahashi & Okamoto, 1926
Populus sieboldii
- Chaitophorus chinensis Takahashi, 1930
Salix sp.
- Chaitophorus dorocolus Matsumura, 1919
Populus maximowiczii
Populus sieboldii
- Chaitophorus fraxinicolus Matsumura, 1919
Fraxinus longicuspis
- Chaitophorus horii Takahashi, 1939
Salix sachalinensis
- Chaitophorus matsumurai Hille Ris Lambers, 1960
 = *Chaitophorus salicicolus* Matsumura, 1917
 = *Chaitophorus sali-niger* Shinji, 1924
Populus balsamifera
Salix bakko
Salix integra
Salix sieboldiana
Salix sp.
- Chaitophorus narae Shinji, 1941
Quercus serrata
- Chaitophorus populeti (Panzer, 1805)
 = *Chaitophorus abdominalis* Shinji, 1924
 = *Chaitophorus populi*: Matsumura, 1917, Shinji, 1935, 1941
 = *Chaitophorus populisieboidii* Matsumura, 1919
Populus maximowiczii
Populus sieboldii
- Chaitophorus saliapteris Shinji, 1924
Salix babylonica

Salix kinuyanagi
Salix koriyanagi
Chaitophorus salijaponica Essig & Kuwana, 1918
Salix integra
Salix koriyanagi
Chaitophorus shidae (Shinji, 1922)
Dryopteris crassirhizoma
Ferns
Chaitophorus yamanarashi Shinji, 1941
Populus sieboldii
Chaitophorus yomefuri Shinji, 1922
Populus sieboldii
Nippochaitophorus moriokaensis Takahashi, 1961
Acer sp.
Parachaitophorus spiraeae (Takahashi, 1924)
Spiraea cantoniensis
Spiraea japonica
Periphyllus californiensis (Shinji, 1917)
 = Chaitophorinella acerifoliae Takahashi, 1919
 = Chaitophorus aceris: Matsumura, 1917
Acer carpiniifolium
Acer japonicum
Acer miyabei
Acer mono
Acer palmatum
Acer sp.
Aesculus turbinata
Aesculus sp.
Periphyllus koelreuteriae (Takahashi, 1919)
Koelreuteria paniculata
Periphyllus kuwanai (Takahashi, 1919)
 = Chaitophorus japonica Essig & Kuwana, 1918
Acer mono
Acer pictum var. dissectum
Periphyllus testudinacea (Ferne, 1852)
 = Phillophorus testudinatus Thornton, 1852
Acer sp.
Periphyllus viridis (Matsumura, 1919)
Acer mono
Acer pictum var. dissectum
Thomasiniellula tomitae (Shinji, 1922)
Evodia rutaecarpa
Trichaitophorus albus Takahashi, 1961
Acer sp.
Trichaitophorus koyaensis Takahashi, 1961
Acer rufinerve
 CALLAPHIDIDAE
Betacallis alnicolens Matsumura, 1919
Alnus japonica
Betacallis odaiensis Takahashi, 1961
Betula sp.
Betulaphis japonica Takahashi, 1961
Betula sp.
Boerneria alni Takahashi, 1961
Alnus matsumurae
Calaphis alnicola (Matsumura, 1917)
Alnus hirsuta var. sibirica
Alnus japonica
Alnus matsumurae
Calaphis annulata (Koch, 1854)
Betula sp.
Callaphis quercicola (Matsumura, 1919)
Quercus dentata
Chromocallis nirecola (Shinji, 1933)
Ulmus davidiana var. japonica
Dasyaphis onigurumi (Shinji, 1932)
Juglans ailanthifolia
Juglans sp.
Drepanaphis acerifoliae (Thomas, 1877)
Acer sp.
Diphyllaphis alba Takahashi, 1960
Quercus phillyraeoides
Diphyllaphis konarae (Shinji, 1924)
Quercus acutissima
Quercus dentata
Quercus mongolica var. grosseserrata
Quercus serrata
Euceraphis betulifoliae Shinji, 1922
Betula sp.
Euceraphis japonica Essig & Kuwana, 1918
Alnus hirsuta var. sibirica
Euceraphis magnoliifoliae Shinji, 1923
Magnolia liliiflora
Euceraphis punctipennis (Zetterstedt, 1828)
 = Euceraphis betulae: Shinji, 1927, 1935, 1941,
 Takahashi, 1939
Betula platyphylla var. japonica
Betula sp.
Machilaphis machili (Takahashi, 1928)
Machilus thunbergii
Machilus sp.
Neolitsea sericea
Megalocallis takagi Takahashi, 1963
Acer sp.
Mesocallis fagicola Matsumura, 1919
Fagus crenata
Mesocallis pteleae Matsumura, 1919
Ptelea trifoliata
Mimocallis betulijaponicae Matsumura, 1919
Betula platyphylla var. japonica
Myzocallis alnicola Shinji, 1924
Alnus hirsuta var. sibirica
Myzocallis alnifoliae (Shinji, 1924)
Alnus firma
Alnus hirsuta var. sibirica
Myzocallis corylii (Goetze, 1778)
Carpinus cordata
Corylus sieboldiana
Myzocallis corylicola Shinji, 1941
 = Agrioaphis colyli: Shinji, 1935

- Carpinus cordata*
Corylus heterophylla var. *thunbergii*
Corylus sieboldiana
- Myzocallis nirecola* (Shinji, 1924)
Ulmus davidiana var. *japonica*
Zelkova serrata
- Myzocallis sawashibae* Matsumura, 1917
Carpinus cordata
- Neocalaphis magnolicolens* (Takahashi, 1921)
Magnolia obovata
- Neocalaphis magnoliae* (Essig & Kuwana, 1918)
Magnolia kobus
- Neocalaphis carpinicola* Matsumura, 1919
Carpinus cordata
- Neochromaphis carpinicola* (Takahashi, 1921)
= *Neochromaphis carpini* Takahashi, 1921
Carpinus japonica
Carpinus laxiflora
Carpinus tschonoskii
Carpinus sp.
- Neochromaphis coryli* Takahashi, 1961
Carpinus sp.
Corylus sieboldiana
- Neophyllaphis podocarpi* Takahashi, 1921
= *Mindarus podocarpi* Shinji, 1922
Podocarpus macrophyllus
Podocarpus macrophyllus var. *maki*
Podocarpus sp.
- Nippocallis kuricola* Matsumura, 1917
Castanea crenata
Quercus acutissima
- Nymphaphis quercus* Takahashi, 1960
Quercus acutissima
Quercus sp.
- Phyllaphis fagi* (L., 1767)
Fagus crenata
Fagus japonica
Fagus silvestri
Fagus sp.
- Phyllaphis fagifoliae* Takahashi, 1919
Fagus sp.
- Platyaphis fagi* Takahashi, 1957
Fagus crenata
- Recticallis alnijaponica* Matsumura, 1919
= *Tuberculoides alnifoliae* Shinji, 1941
= *Agrioaphis moriokae* Shinji, 1935
Alnus firma
Alnus hirsuta var. *sibirica*
Alnus japonica
- Recticallis nigrostriata* (Shinji, 1941)
Alnus firma
Alnus japonica
- Sappocallis alnifoliae* (Shinji, 1922)
Alnus serrulatoidea
- Sappocallis ulmicola* Matsumura, 1919
- Ulmus davidiana* var. *japonica*
Shivaphis celti Das, 1918
= *Chromaphis celticolens* Essig & Kuwana, 1918
Celtis sinensis var. *japonica*
Celtis sp.
- Symydobius alniaria* (Matsumura, 1917)
Alnus japonica
- Symydobius kabae* (Matsumura, 1917)
Alnus firma
Alnus hirsuta var. *sibirica*
Betula platyphylla var. *japonica*
Betula sp.
- Takecallis arundicolens* (Clarke, 1903)
= *Takecallis bambusae* Matsumura, 1917
Arundinaria sp.
Bamboos
Bambusa sp.
Phyllostachys sp.
Sasa nipponica
Sasa palmata
Sasa ramosa
Sasa senanensis
Sasa sp.
- Takecallis arundinariae* (Essig, 1917)
= *Myzocallis bambusifoliae* Takahashi, 1921
Arundinaria sp.
Bamboos
Bambusa sp.
- Takecallis sasae* (Matsumura, 1917)
= *Agrioaphis sasacola* Shinji, 1935
Bamboos
Bambusa sp.
Phyllostachys sp.
Sasa senanensis
Sasa sp.
- Takecallis taiwanus* (Takahashi, 1926)
Bambusa sp.
Sasa sp.
- Therioaphis japonica* Shinji, 1933
Tilia miqueliana
- Therioaphis tilicola* Shinji, 1933
Tilia japonica
Tilia miqueliana
- Therioaphis ononidis* (Kaltenbach, 1843)
Trifolium sp.
- Tiliaphis shinae* (Shinji, 1924)
Tilia japonica
- Tinocallis hashibamii* (Shinji, 1935)
Corylus heterophylla var. *thunbergii*
Corylus sieboldiana
- Tinocallis kahawaluokalani* (Kirkaldy, 1907)
= *Sarucallis lythrae* Shinji, 1922
Lagerstroemia indica
- Tinocallis ulmiparvifoliae* Matsumura, 1919
Ulmus parvifolia

- Tinocallis zelkowae (Takahashi, 1919)
 Glycine max
 Zelkova serrata
 Zelkova sp.
- Tuberculatus capitatus (Essig & Kuwana, 1918)
 Quercus acutissima
 Quercus dentata
 Quercus mongolica var. grosseserrata
 Quercus serrata
 Quercus variabilis
 Quercus sp.
- Tuberculatus kashiwae (Matsumura, 1917)
 Quercus dentata
 Quercus mongolica
 Quercus mongolica var. grosseserrata
 Quercus serrata
 Quercus sp.
- Tuberculatus quercicolus (Matsumura, 1917)
 = Myzocallis macrotuberculata Essig & Kuwana, 1918
 Quercus acutissima
 Quercus dentata
 Quercus mongolica var. grosseserrata
 Quercus serrata
 Quercus sp.
- Tuberculatus querciformosanus (Takahashi, 1921)
 Quercus dentata
 Quercus sp.
- Tuberculatus stigmatus (Matsumura, 1917)
 = Myzocallis nigra Takahashi & Okamoto, 1926
 Quercus acutissima
 Quercus dentata
 Quercus dentata var. grandifolia
 Quercus mongolica var. grosseserrata
 Quercus serrata
- Tuberculoides fulviabdominalis Shinji, 1941
 Quercus dentata
 Quercus serrata
- Tuberculoides konaracola Shinji, 1941
 Quercus serrata
- Tuberculoides kunugi (Shinji, 1924)
 Quercus acutissima
 Quercus serrata
- Tuberculoides naganoae Shinji, 1941
 Quercus dentata
 Quercus mongolica var. grosseserrata
 Quercus serrata
- Tuberculoides naracola (Matsumura, 1919)
 Quercus dentata
 Quercus mongolica var. grosseserrata
 Quercus serrata
- Yamatocallis hirayamae Matsumura, 1917
 *Abies sachalinensis
 Acer mono
 Acer sp.
- Yamatocallis moriokae Shinji, 1933
 Acer sp.
- Yamatocallis tokyoensis (Takahashi, 1923)
 = Chaitophoraphis acerifloris Shinji, 1923
 Acer diabolicum
 Acer japonicum
- APHIDIDAE
- Abura momocola Matsumura, 1917
 Prunus persica
- Acanthulipes lonicerae (Hori, 1938)
 Lonicera morrowii
- Acyrthosiphon berkemiae Shinji, 1941
 Berchemia racemosa
- Acyrthosiphon kondoi Shinji, 1938
 Medicago sativa
- Acyrthosiphon pisum (Harris, 1776)
 = Aphis pisi Kaltenbach, 1843
 Capsella sp.
 Chaerophyllum sp.
 Colutea sp.
 Epilobium sp.
 Geum sp.
 Glycine max
 Lathyrus japonicus
 Lathyrus odoratus
 Lathyrus sp.
 Lotus sp.
 Ononis sp.
 Pisum sativum
 Pisum sp.
 Spartium sp.
 Spiraea sp.
 Trifolium repens
 Trifolium sp.
- Acyrthosiphon pisum brevicaudatus Takahashi, 1965
 Pisum sp.
 Trifolium repens
- Acyrthosiphon rubiformosanus (Takahashi, 1923)
 Rubus sp.
- Akkaia odaiensis Takahashi, 1961
 Polygonum sp.
- Akkaia polygoni Takahashi, 1919
 = Phorodon enkianthae Shinji, 1923
 = Cavariella enkianthae Shinji, 1924
 Enkianthus perulatus
 Enkianthus sp.
 Polygonum nepalense
 Polygonum thunbergii
 Polygonum sp.
- Akkaia taiwana Takahashi, 1933
 = Akkaia kagoshimana Suenaga, 1934
 Polygonum thunbergii
- Amphicercidus japonicus (Hori, 1927)
 Lonicera japonica
 Lonicera morrowii

- Amphorophora ampullata Buckton, 1876
= Megoura dryopteridis Matsumura, 1918
= Amphorophora shidiae Shinji, 1933
Athyrum pycnosorum
Athyrum yokoscense
Dryopteris austriaca
Ferns
Lastrea quelpaertensis
- Amphorophora ichigo Shinji, 1922
Rubus illeceebrosus
Rubus sp.
- Amphorophora lilicola Shinji, 1933
Lilium auratum
Lilium lancifolium
- Amphorophora malvicola Shinji, 1933
Malva sylvestris var. mauritiana
- Amphorophora rubiphaga Takahashi, 1961
Rubus sp.
- Amphorophora scabripes Miyazaki, 1968
Lastrea quelpaertensis
- Amphorophora sonchicola Shinji, 1939
Ixeris dentata
Lactuca indica
Sonchus oleraceus
- Amphorophora vicicola Shinji, 1939
Vicia fava
- Anuraphis ammobii Hori, 1929
Ammobium alatum
- Anuraphis artemirhizus Shinji, 1924
Artemisia princeps
- Anuraphis cardui Shinji, 1941
Sonchus brachyotus
- Anuraphis farfarae (Koch, 1854)
Artemisia princeps
Pyrus serotina var. culta
- Anuraphis floris Monzen, 1934
Plectranthus longitubus
- Anuraphis ilexis Moritsu, 1958
Ilex serrata
- Anuraphis ligustri (Shinji, 1923)
Ligustrum obtusifolium
- Anuraphis mume Hori, 1927
Prunus mume
Prunus persica
- Anuraphis nashi Shinji, 1944
Pyrus serotina var. culta
- Anuraphis prunus (Shinji, 1922)
Prunus armeniaca var. ansu
Prunus mume
Prunus persica
- Anuraphis spiranthi (Shinji, 1922)
Achillea sibirica
- Aphis acanthopanaci Matsumura, 1917
Aralia cordata
Kalopanax pictus
- Aphis agrimoniae (Shinji, 1941)
Agrimonia pilosa
- Aphis cardaminae Shinji, 1922
Cardamine impatiens
- Aphis cardui L., 1758
Carduus sp.
Chrysanthemum sp.
Cosmos bipinnatus
Eupatorium sp.
Solidago sp.
- Aphis celastrii Matsumura, 1917
= Aphis deutziae Shinji, 1922
Celastrus orbiculatus
Deutzia sp.
Ilex serrata
Polygonum cuspidatum
- Aphis clerodendri Matsumura, 1917
Clerodendron trichotomum
- Aphis commelinae Shinji, 1922
Commelina communis
- Aphis craccivora Koch, 1854
= Aphis laburni: Hori, 1929, Moritsu, 1958, Shinji, 1941
= Aphis medicaginis: Essig & Kuwana, 1918, Moritsu, 1954
Aeschynomene indica
Astragalus sinicus
Alopecurus sp.
Azukia angularis
Azukia radiata
Capsella bursa-pastoris
Cassia nomame
Cassia tora
Deutzia crenata
Dolichos lablab
Erigeron annuus
Euphorbia supina
Gleditsia japonica
Glycine max
Hibiscus syriacus
Indigofera pseudo-tinctoria
Lotus corniculatus var. japonicus
Pisum sativum
Poa sp.
Portulaca oleracea
Pueraria lobata
Robinia pseudoacacia
Rumex japonicus
Sanguisorba officinalis
Stellaria media
Trifolium repens
Veronica didyma var. lilacina
Vicia angustifolia var. segetalis
Vicia fava
Vicia hirsuta

Vicia sepium
Vigna catiung var. sinensis
Aphis craccivora pseudoacaciae Takahashi, 1965
Robinia pseudoacacia
Aphis egomae Shinji, 1922
Perilla frutescens var. japonica
Aphis fabae Scopoli, 1763
 = *Aphis atripricis* Fabricius, 1775
Chenopodium album var. centrorubrum
Aphis farinosa yanagicola Matsumura, 1917
 = *Aphis yanagicola* Matsumura, 1917
 = *Aphis saliceti*: Shinji, 1941
Salix rorida
Salix sp.
Aphis filipendulae Matsumura, 1917
Filipendula kamschatica
Filipendula multijuga
Filipendula purpurea var. albiflora
Filipendula sp.
Aphis forbesi Weed, 1889
Fragaria ananassa
Aphis fukii Shinji, 1922
 = *Myzus fukis* Monzen, 1927
Farfugium japonicum
Petasites japonicus
Petasites sp.
Aphis glycines Matsumura, 1917
Achyranthes japonica
Glycine max
Glycine soja
Aphis gnaphalii Shinji, 1922
Gnaphalium affine
Aphis gossypii Glover, 1877
 = *Aphis bryophyllae* Shinji, 1922
 = *Aphis colocasiae* Matsumura, 1917
 = *Aphis hibiscifoliae* Shinji, 1922
 = *Aphis inugomae* Shinji, 1922
 = *Aphis perillae* Shinji, 1922
 = *Aphis serissae* Shinji, 1922
 = *Cerosipha serissae* Shinji, 1941
 = *Aphis vitifoliae* Shinji, 1922
Acalypha australis
Acalypha sp.
Albizia julibrissin
Althaea rosea
Ambrosia artemisiifolia var. elatior
Ambrosia sp.
Arctium sp.
Asclepias curassavica
Asclepias sp.
Atractylodes japonica
Azukia angularis
Benincasa hispida
Beta vulgaris var. rapa
Bryophyllum calycinum
Bursa sp.
Cactus sp.
Capsella sp.
Catalpa ovata
Catalpa sp.
Cayratia japonica
Callicarpa japonica
Cayratia japonica
Cedanum japonicum
Celastrus orbiculatus
Chenopodium sp.
Chrysanthemum coronarium var. spatiosum
Chrysanthemum morifolium
Chrysanthemum sp.
Citrullus vulgaris
Citrus sinensis var. brasiliensis
Citrus sp.
Clerodendron japonicum
Clerodendron trichotomum
Colocasia antiquorum var. esculenta
Colocasia sp.
Commelina communis
Convolvulus sp.
Cosmos bipinnatus
Cryptotaenia japonica
Cucumis melo var. makuwa
Cucumis sativus
Cucurbita moschata var. melonaeformis
Cucurbita moschata var. toonas
Cucurbita pepo
Cucurbita sp.
Datura alba
Deutzia crenata
Eriobotrya japonica
Ficus carica
Firmiana simplex
Fragaria ananassa
Fragaria sp.
Glycine max
Gossypium indicum
Gossypium sp.
Hibiscus mutabilis
Hibiscus rosa-sinensis
Hibiscus syriacus
Humulus sp.
Hydrangea sp.
Ilex sp.
Lagenaria leucantha var. clavata
Leonurus sibiricus
Lepidium sp.
Lilium lancifolium
Lilium sp.
Liquidambar formosana
Luffa cylindrica
Lysimachia mauritiana

Malva verticillata
 Malva sp.
 Melastoma candidum
 Mentha arvensis var. piperascens
 Mosla japonica
 Nepeta sp.
 Nicotiana tabacum
 Oenanthe javanica
 Paulownia tomentosa
 Perilla frutescens var. crispa
 Perilla frutescens var. japonica
 Persicaria sp.
 Petasites japonicus
 Peucedanum japonicum
 Phaseolus sp.
 Plantago sp.
 Polygonum cuspidatum
 Portulaca oleracea
 Portulaca sp.
 Prunus armeniaca var. ansu
 Prunus mume
 Prunus persica
 Prunus yedoensis
 Psidium guyava
 Punica sp.
 Pyrus communis
 Pyrus serotina var. culta
 Rhamnus sp.
 Rosa rugosa
 Rubia sp.
 Rumex sp.
 Salix sp.
 Serissa japonica
 Smilax china
 Solanum melongena var. esculentum
 Solanum tuberosum
 Spinacia oleracea
 Spinacia sp.
 Stachys japonica var. intermedia
 Stellaria sp.
 Taraxacum platycarpum
 Taraxacum sp.
 Trifolium sp.
 Tulipa gesneriana
 A plant of Compositae
 A plant of Cucurbitaceae
 A plant of Solanaceae
Aphis hederiphaga Takahashi, 1966
 Hedera rhombea
Aphis heraclicola Shinji, 1941
 Angelica polymorpha
Aphis ichigo Shinji, 1922
 Polygonum cuspidatum
 Rubus crataegifolius
 Rubus trifidus
 Rubus sp.
Aphis ichigocola Shinji, 1924
 Rubus sp.
Aphis indigoferae Shinji, 1922
 Indigofera pseudo-tinctoria
Aphis justiciae Shinji, 1922
 Achyranthes japonica
 Justicia procumbens var. leucantha
Aphis kogomecola Matsumura, 1917
 Spiraea thunbergii
Aphis kurosawai Takahashi, 1921
 = Aphis artemifoliae Shinji, 1922
 Artemisia princeps
 Artemisia sp.
Aphis lactucae Shinji, 1922
 Lactuca indica
Aphis meijigusae Shinji, 1922
 Erigeron canadensis
Aphis mitsubae Shinji, 1922
 Cryptotaenia japonica
Aphis mizutakarashi Shinji, 1941
 Cardamine lyrata
Aphis neopolygonii Shinji, 1941
 Barbarea orthoceras
 Fagopyrum esculentum
Aphis neospiraeae Takahashi, 1966
 Spiraea salicifolia
Aphis nerii Boyer, 1841
 Metaplexis japonica
 Nerium indicum
 Nerium sp.
Aphis odorikonis Matsumura, 1917
 Lamium album var. barbatum
Aphis patriniae Takahashi, 1966
 = Aphis valerianae Takahashi, 1933, nec Cowen, 1895
 Patrinia villosa
Aphis polygonacea Matsumura, 1917
 Polygonum thunbergii
 Polygonum sp.
Aphis pomonella Theobald, 1916
 Malus pumila
Aphis punicae Shinji, 1922
 Punica granatum
Aphis rhamnellae Shinji, 1922
 Rhamnella franguloides
Aphis rumicis L., 1758
 Borago sp.
 Capsella bursa-pastoris
 Carduus sp.
 Chenopodium sp.
 Digitalis sp.
 Euonymus japonicus
 Galium sp.
 Lilium sp.
 Papaver sp.

- Persicaria sp.
 Peucedanum sp.
 Phaseolus sp.
 Polygonum sp.
 Rumex japonicus
 Rumex sp.
 Vicia sp.
 Vigna sp.
- Aphis sambucifoliae Fitch, 1851
 Sambucus sieboldiana
- Aphis sambuci horii Takahashi, 1966
 = Aphis horii Takahashi, 1923
 = Aphis sambuci: Matsumura, 1917, Shinji, 1941, 1944
 = Aphis sambucifoliae: Takahashi, 1939
 *Cirsium dipsacolepis
 Sambucus sieboldiana
 Sambucus sp.
- Aphis sanguisorbicola Takahashi, 1966
 = Aphis sanguisorbae Shinji, 1935, nec Schrank, 1801
 Sanguisorba officinalis
- Aphis smilacifoliae Takahashi, 1921
 Smilax china
- Aphis spiraeicola Patch, 1914
 = Aphis croomiae Shinji, 1922
 = Aphis pirifoliae Shinji, 1922
 = Aphis pomi: Essig & Kuwana, 1918, Hori, 1929, Matsumura, 1917, Moritsu, 1954, Shinji, 1941, 1944
 Buddleja venenifera
 Celastrus orbiculatus
 Chaenomeles speciosa
 Chaenomeles sp.
 Chrysanthemum leucanthemum
 Citrus unshiu
 Cosmos bipinnatus
 Crataegus oxyacantha
 Croomia heterosepala
 Cryptotaenia japonica
 Cydonia oblonga
 Deutzia crenata
 Glochidion sp.
 Hydrangea sp.
 Lactuca sp.
 Malus halliana
 Malus pumila
 Oenanthe javanica
 Paeonia suffruticosa
 Patrinia scabiosaefolia
 Pourthiaea villosa var. laevis
 Prunus mume
 Prunus persica
 Prunus salicina
 Prunus yedoensis
 Prunus sp.
- Pyrus communis
 Pyrus serotina var. culta
 Saxifraga stolonifera
 Spiraea cantoniensis
 Spiraea thunbergii
 Spiraea sp.
 Stephanandra incisa
 Valeriana fauriei
 A plant of Compositae
- Aphis sugadaiensis Takahashi, 1966
 A plant of Compositae
- Aphis sumire Moritsu, 1949
 Viola mandshurica
 Viola sp.
- Aphis taukogi Shinji, 1941
 Bidens tripartita
- Aphis tsujii Shinji, 1922
 Eupatorium chinense var. simplicifolium
 Solidago virga-aurea var. asiatica
- Aphis urticata Fabricius, 1781
 = Aphis urticaria Kaltentbach, 1843
 Urtica thunbergiana
- Aphis utsugicola Monzen, 1929
 Deutzia crenata
 Deutzia scabra var. sieboldiana
- Aphis uwamizusakurae Monzen, 1929
 Prunus grayana
- Aphis veratri takagii Takahashi, 1966
 Veratrum sp.
- Aphis yomogii Shinji, 1922
 Artemisia princeps
- Aphorodon polygonifoliae (Shinji, 1944)
 Polygonum scabrum
- Aphorodon polygoniphaga Takahashi, 1961
 Polygonum thunbergii
- Aulacorthum asteris Takahashi, 1965
 Kalimeris yomena
- Aulacorthum cercidiphylli (Matsumura, 1918)
 = Amphorophora katsurae Shinji, 1930
 Cercidiphyllum japonicum
 Cercidiphyllum magnificum
 Cercidiphyllum sp.
- Aulacorthum circumflexum (Buckton, 1876)
 Calceolaria corymbosa
 Corydalis sp.
 Cyclemen europeanum
 Heliotrops laevis
 Senecio cruentus
 Sinningia speciosa
- Aulacorthum cirsicola (Takahashi, 1923)
 = Acyrtosiphum circifoliae Shinji, 1935
 Arctium lappa
 Cirsium japonicum
 Cirsium spicatum
 Cirsium sp.

Petasites tricholobus
Aulacorthum esakii (Takahashi, 1924)
 Paederia scandens var. mairei
Aulacorthum glechomae Takahashi, 1965
 Glechoma hederacea var. grandis
Aulacorthum ibotum Essig & Kuwana, 1918
 Ligustrum obtusifolium
 Ligustrum sp.
Aulacorthum kerriae (Shinji, 1930)
 Kerria japonica
 Kerria sp.
 Petasites sp.
Aulacorthum linderiae (Shinji, 1922)
 Aucuba japonica
Aulacorthum magnoliae (Essig & Kuwana, 1918)
 = Myzus magnoliifoliae Shinji, 1941
 = Rhopalosiphum sambucicola Takahashi, 1918
 Acer sp.
 Aucuba japonica
 Bletilla striata
 Calystegia japonica
 Campsis chinensis
 Castanea crenata
 Celastrus orbiculatus
 Celtis sinensis var. japonica
 Chrysanthemum burbankii
 Citrus unshiu
 Citrus sp.
 Clerodendron trichotomum
 Cucurbita moschata var. toonas
 Dahlia pinnata
 Dioscorea japonica
 Dioscorea sp.
 Enkianthus pevulatus
 Euonymus alatus
 Euonymus japonicus
 Euscaphis japonica
 Evodia rutaecarpa
 Fatsia japonica
 Forsythia suspensa
 Gleditsia japonica
 Hibiscus syriacus
 Hydrangea macrophylla
 Ilex macropoda
 Ilex serrata
 Ipomoea batatas var. edulis
 Ipomoea nil
 Lagerstroemia indica
 Lagerstroemia sp.
 Liliium speciosum
 Lonicera gracilipes var. glabra
 Lycium chinense
 Magnolia denudata
 Magnolia kobus
 Magnolia sp.
 Orixia japonica
 Pieris sp.
 Polygonum cuspidatum
 Poncirus trifoliata
 Prunus sp.
 Pyrus serotina var. culta
 Rhus succedanea
 Rhus sp.
 Sambucus sieboldiana
 Sambucus sp.
 Serissa japonica
 Ternstroemia gymnanthera
 Viburnum opulus var. calvescens
 Vicia fava
 Zanthoxylum piperitum
Aulacoathum muradachi (Shinji, 1928)
 Lindera umbellata
 Parabenzoin praecox
 Parabenzoin trilobum
 A plant of Lauraceae
Aulacorthum nepetifolii Miyazaki, 1968
 Nepeta subsessilis var. yesoensis
Aulacorthum nipponicum (Essig & Kuwana, 1918)
 = Macrosiphum paederiae Takahashi, 1921
 Paederia scandens var. mairei
Aulacorthum perillae (Shinji, 1924)
 Perilla frutescens var. crispa
 Perilla sp.
Aulacorthum phytolaccae Miyazaki, 1968
 Phytolacca esculenta
Aulacorthum smilacis Takahashi, 1965
 Smilax nipponica
Aulacorthum solani (Kaltenbach, 1843)
 = Macrosiphum hagi Essig & Kuwana, 1918
 = Macrosiphum matsumuraeanum Hori, 1926
 = Myzus chelidonii: Shinji, 1941, 1944
 = Aulacorthum pelargonii: Moritsu, 1950, Suenaga,
 1953
 Althaea rosea
 Arctium lappa
 Aquilegia flabellata
 Azukia angularis
 Capsella sp.
 Carthamus tinctorius
 Chelidonium majus var. asiaticum
 Chrysanthemum leucanthemum
 Cucurbita moschata var. toonas
 Cucurbita pepo
 Dolichos lablab
 Glycine max
 Glycine sp.
 Lespedeza bicolor
 Lespedeza bicolor var. japonica
 Lespedeza sp.
 Liliium leichtlinii var. tigrinum
 Lycopersicon esculentum

Lycopersicon sp.
 Macleaya cordata
 Mentha arvensis var. piperascens
 Oxalis corniculata
 Phaseolus vulgaris
 Physalis sp.
 Pisum sativum
 Pisum sp.
 Polygonum cuspidatum
 Rumex japonicus
 Solanum melongena var. esculentum
 Solanum tuberosum
 Solanum sp.
 Trifolium incarnatum
 Trifolium pratense
 Trifolium repens
Aulacorthum syringae Takahashi, 1965
 Syringa reticulata
Aulacorthum taiwanum (Takahashi, 1923)
 Codonopsis lanceolata
Aulacorthum vandenboshi Hille Ris Lambers, 1967
 Cirsium sp.
Brachycaudus helichrysi (Kaltenbach, 1843)
 = Anuraphis mumecola Shinji, 1930
 Eupatorium fortunei
 Prunus mume
 Prunus salicina
 Pyrus communis
 Pyrus serotina var. culta
 Rosa multiflora
 Rosa rugosa
 A plant of Compositae
Brachycaudus rhamnii (Hori, 1927)
 Rhamnus japonica
Brachycaudus sanguisorbae (Shinji, 1924)
 Rhamnella franguloides
 Rhamnus japonica
 Sanguisorba officinalis
Brachycolus loniceriae Shinji, 1939
 Lonicera gracilipes var. glabra
Brevicoryne brassicae (L., 1758)
 Brassica campestris
 Brassica campestris var. napus
 Brassica campestris var. pekinensis
 Brassica campestris var. rapa
 Brassica napobrassica
 Brassica oleracea var. capitata
 Brassica sp.
 Capsella sp.
 Raphanus sativus var. acanthiformis
 Raphanus sp.
 Sinapis sp.
Capitophorus elaeagni (del Guercio, 1894)
 = Capitophorus arctifoliae Shinji, 1924
 Arctium lappa
 Cirsium sp.
 Cynara scolymus
 Elaeagnus glabra
 Elaeagnus multiflora
 Elaeagnus sp.
Capitophorus formosartemisiae (Takahashi, 1921)
 Artemisia princeps
 Chrysanthemum morifolium
Capitophorus gillettei Theobald, 1926
 Polygonum sp.
 A plant of Compositae
Capitophorus gnathalifoliae Shinji, 1924
 Gnaphalium hypoleucum
Capitophorus hippophaes javanicus Hille Ris Lambers,
 1953
 = Capitophorus hippophaes: Matsumura, 1918, Moritsu,
 1950, 1954, Shibata, 1955, Shinji, 1941, 1944
 Elaeagnus multiflora
 Elaeagnus sp.
 Persicaria sp.
 Polygonum conspicuum
 Polygonum tinctorium
 Polygonum sp.
 A plant of Polygonaceae
Capitophorus montanus Takahashi, 1924
 Cirsium sp.
Capitophorus prunifoliae Shinji, 1924
 Prunus salicina
Carolinaia justiciae Shinji, 1924
 Justicia procumbens var. leucantha
Carolinaia tade Shinji, 1927
 Polygonum thunbergii
 Polygonum sp.
Cavariella aegopodii (Scopoli, 1763)
 Salix sp.
Cavariella angelicae Matsumura, 1918, nec del
 Guercio, 1911
 Angelica ursina
Cavariella araliae Takahashi, 1921
 Aralia cordata
 Aralia elata
 Aralia sp.
 Salix sp.
Cavariella azamii Shinji, 1930
 Taraxacum officinale
Cavariella gilbertiae Takahashi, 1961
 Dendropanax trifidus
Cavariella heraclei Takahashi, 1961
 Heracleum moellendorffii
Cavariella hidaensis Takahashi, 1961
 Salix sp.
Cavariella japonica (Essig & Kuwana, 1918)
 Angelica polymorpha
 Cryptotaenia japonica
 Dystaenia ibukiensis

- Salix sp.
- Cavariella konoi Takahashi, 1939
- Salix sp.
- Cavariella nigrocaudata Takahashi, 1965
Tetrapanax papyrifera
- Cavariella oenanthi (Shinji, 1922)
Cryptotaenia japonica
Oenanthe javanica
- Cavariella nipponica Takahashi, 1961
Heracleum moellendorffii
Salix sp.
- Cavariella salicicola (Matsumura, 1917)
= Siphocoryne bicaudata Essig & Kuwana, 1918
= Cavariella mitsubae Shinji, 1924
Cardamine lyrata
Cryptotaenia japonica
Oenanthe javanica
Salix babylonica
Salix sp.
- Cavariella sapporoensis Takahashi, 1961
Heracleum moellendorffii
Heracleum sp.
- Cavariella takahashii Hille Ris Lambers, 1965
Salix sp.
- Cerosipha commelinae Shinji, 1924
Commelina communis
- Cerosipha lycopicola Shinji, 1941
Lycopus lucidus
- Chaetosiphon coreanus (Paik, 1965)
Rosa rugosa
- Chaetosiphon minor (Forbes, 1884)
= Capitophorus fragariae Shinji, 1924
Fragaria ananassa
- Chaitomyzus hirticornis Takahashi, 1960
Clinopodium gracile
Clinopodium sp.
- Coloradoa artemisiae artemisicola Takahashi, 1965
Artemisia princeps
- Coloradoa kiku (Hori, 1929)
Chrysanthemum morifolium
Chrysanthemum sp.
- Coloradoa rufomaculata (Wilson, 1908)
= Stephensonia lahorensis Das, 1918
Artemisia princeps
Chrysanthemum morifolium
Chrysanthemum sp.
Siegesbeckia pubescens
- Cryptaphis gerani Takahashi, 1961
Geranium sp.
- Cryptaphis menthae Takahashi, 1961
Mentha sp.
- Cryptomyzus ribis (L., 1758)
Ribes grossularia
Ribes sativum
- Cryptosiphum artemisiae Buckton, 1879
- = Aphis gallarum Kaltenbach, 1856, nec Gmelin, 1788
- = Cryptosiphum pseudogallarum Shinji, 1941
Artemisia indica
Artemisia princeps
Artemisia sp.
- Dactynotus amamianus (Takahashi, 1930)
Solidago sp.
A plant of Compositae
- Dactynotus cephalonopli Takahashi, 1962
Breea setosa
- Dactynotus compositae (Theobald, 1915)
A plant of Compositae
- Dactynotus formosanus (Takahashi, 1921)
Ixeris dentata
Lactuca sp.
Sonchus sp.
A plant of Compositae
- Dactynotus fuchuensis (Shinji, 1942)
Aster scaber
Lactuca raddeana var. elata
Lactuca sp.
- Dactynotus giganteus (Matsumura, 1918)
Cirsium japonicum
Cirsium sp.
- Dactynotus gobonis (Matsumura, 1917)
Arctium lappa
Arctium sp.
Breea setosa
Carthamus tinctorius
Cirsium japonicum
Cirsium sp.
Cynara scolymus
Solidago virga-aurea var. asiatica
Synurus pungens
Synurus sp.
Youngia japonica
A plant of Compositae
- Dactynotus kikioensis (Shinji, 1942)
Campanula sp.
Platycodon grandiflorum
- Dactynotus lactucicola (Strand, 1929)
Lactuca indica
Solidago sp.
- Dactynotus macrocaudus Tao, 1964
Artemisia sp.
- Dactynotus monticola (Takahashi, 1935)
Aster ageratoides
- Dactynotus neocampanulae Takahashi, 1962
Campanula punctata
- Dactynotus picridis (Fabricius, 1775)
Lactuca sp.
Picris sp.
- Dactynotus rudbeckiae (Fitch, 1851)
Cirsium japonicum

Kalimeris yomena
 Platycodon grandiflorum
Dactynotus saussureae Takahashi, 1962
 Saussurea sp.
Dactynotus solidaginis (Fabricius, 1781)
 Solidago virga-aurea var. asiatica
Dactynotus sonchi (L., 1767)
 = Dactynotus picridiphaga Takahashi, 1962
 = Macrosiphum lactucicola: Shinji, 1941
 Ixeris dentata
 Lactuca indica
 Picris hieracioides var. glabrescens
 Sonchus brachyotis
 Sonchus oleraceus
Dactynotus taraxaci (Kaltenbach, 1843)
 Taraxacum sp.
Dactynotus triphyllae Miyazaki, 1966
 Adenophora triphylla var. japonica
Dysaphis plantagifoliae (Shinji, 1924)
 Plantago asiatica
Dysaphis rumecicola (Hori, 1927)
 Rumex crispus
 Rumex japonicus
Dysaphis tulipae (Boyer, 1841)
 Belamcanda chinensis
 Belamcanda sp.
 Iris sp.
Elatobium momii (Shinji, 1922)
 = Aphis momifoliae Shinji, 1924
 = Phorodon abietifoliae Shinji, 1924
 = Neomyzaphis piceana Inouye, 1939
 Abies firma
 Picea jezoensis
 Picea jezoensis var. hondoensis
 Taxus cuspidata
 Taxus cuspidata var. nana
Elatobium trochodendri Takahashi, 1960
 Trochodendron aralioides
Eomyzus nipponicus (Moritsu, 1949)
 Perilla frutescens var. crispa
 Perilla sp.
Eomyzus clinopodii Takahashi, 1965
 Clinopodium gracile
Eomyzus gallicola Takahashi, 1963
 Impatiens noli-tangere
Eomyzus impatiensae (Shinji, 1924)
 Impatiens balsamina
 Impatiens noli-tangere
 Impatiens textori
Galiaphis cryptotaeniae Takahashi, 1965
 Cryptotaenia japonica
Galiaphis japonica Takahashi, 1965
 *Anemone sp.
Hayhurstia atriplicis (L., 1761)
 Chenopodium album var. centrorubrum
Hayhurstia corydalisicola (Tao, 1962)
 Corydalis heterocarpa var. japonica
Hyadaphis veratri Shinji, 1942
 Veratrum sp.
Hyalopterus abietinus Matsumura, 1917
 Abies sachalinensis
 Abies sp.
Hyalopterus albus Monzen, 1929
 Angelica acutiloba
Hyalopterus pruni (Geoffroy, 1762)
 = Aphis arundinis Fabricius, 1775
 = Aphis pruni Fabricius, 1775, nec Geoffroy, 1762
 Arundinaria sp.
 Phragmites communis
 Prunus armeniaca var. ansu
 Prunus communis
 Prunus mume
 Prunus persica
 Prunus salicina
 Prunus sp.
Hydronephthys impatiens Shinji, 1922
 Impatiens noli-tangere
Hyperomyzus lactucae (L., 1758)
 = Rhopalosiphum oleraceae van der Goot, 1917
 = Rhopalosiphum ribijaponica Shinji, 1924
 = Amphorophora cosmopolitana Mason, 1925
 Ixeris dentata
 Ixeris japonica
 Lactuca indica
 Ribes fasciculatum
 Ribes sinanense
 Sonchus brachyotis
 Sonchus oleraceus
 Sonchus sp.
Impatientinum balsamines (Kaltenbach, 1862)
 Impatiens noli-tangere
Impatientinum impatiens (Shinji, 1922)
 = Macrosiphum smilaceti Takahashi, 1924
 Impatiens balsamina
 Impatiens noli-tangere
 Impatiens textori
 Smilax china
Indomegoura indica (van der Goot, 1916)
 = Rhopalosiphum hemerocallidis Matsumura, 1918
 = Nectarosiphum mitsubautsugli Shinji, 1923
 Euscaphis japonica
 Hemerocallis aurantiaca
 Hemerocallis middendorffii
 Hemerocallis sp.
 Staphylea bumalda
Indomegoura miniatum (Matsumura, 1918)
 Staphylea bumalda
Juncomyzus obscurus Hille Ris Lambers, 1965
 Juncus sp.
Lachnaphis yomogi Shinji, 1922

- Artemisia princeps
Liosomaphis berberdis (Kaltenbach, 1843)
 Berberis sieboldii
 Berberis thunbergii
Lipaphis erysimi (Kaltenbach, 1843)
 = Aphis pseudobrassicae Davis, 1914
 Arbidopsis thaliana
 Brassica campestris var. napus
 Brassica campestris var. pekinensis
 Brassica campestris var. rapa
 Brassica cernua
 Brassica napobrassica
 Brassica oleracea var. capitata
 Brassica sp.
 Capsella bursa-pastoris
 Raphanus sativus var. acanthiformis
Longicaudus trirhodus (Walker, 1849)
 = Aphis thalictrii Essig & Kuwana, 1918
 = Yezosiphum thalictri Matsumura, 1918
 Anemone hupehensis var. japonica
 Cosmos bipinnatus
 Erigeron canadensis
 Pyrus serotina var. culta
 Rosa multiflora
 Rosa rugosa
 Rosa sp.
 Thalictrum aquilegifolium
 Thalictrum minus var. hypoleucum
Longiunguis japonicus (Takahashi, 1919)
 Miscanthus sinensis
Longiunguis sacchari (Zehntner, 1897)
 Miscanthus sinensis
 Miscanthus sp.
Longiunguis siphonella (Essig & Kuwana, 1918)
 Pyrus communis
 Pyrus serotina var. culta
Macchiatiella itadori (Shinji, 1927)
 = Acaudus jozankeanus Matsumura & Hori, 1927
 Polygonum cuspidatum
 Polygonum sachalinense
Macrocaudus phaseoli Shinji, 1930
 Azukia angularis
 Phaseolus mungo var. subtilobata
Macromyzus polypodicola (Takahashi, 1921)
 Ferns
Macromyzus woodwardiae (Takahashi, 1921)
 = Myzus woodwardiae hinoi Moritsu, 1952
 Dryopteris monticola
 Dryopteris varia
 Ferns
 Rumohra mutica
Macrosiphoniella artemisiae (Boyer, 1841)
 Artemisia sp.
Macrosiphoniella chaetosiphon Takahashi & Moritsu, 1963
- Artemisia gilvescens
Macrosiphoniella formosartemisiae Takahashi, 1921
 = Macrosiphoniella japonica Shinji, 1942
 Artemisia capillaris
 Artemisia japonica
Macrosiphoniella grandicauda Takahashi & Moritsu, 1963
 Arctium lappa
 Artemisia princeps
 Petasites japonicus
Macrosiphoniella hikosanensis Moritsu, 1949
 Artemisia sp.
Macrosiphoniella kuwakusae Uye, 1924
 Fatoua villosa
Macrosiphoniella kuwayamai Takahashi, 1941
 Artemisia sp.
Macrosiphoniella oblonga hidaensis Takahashi & Moritsu, 1963
 Artemisia princeps
Macrosiphoniella parva (Shinji, 1922)
 Kalimeris yomena
Macrosiphoniella prunifoliae Shinji, 1924
 Ilex serrata
Macrosiphoniella pseudoartemisiae Shinji, 1933
 Artemisia annua
Macrosiphoniella sanborni (Gillette, 1908)
 = Macrosiphoniella chrysanthemi del Guercio, 1911
 = Macrosiphum nishigaharae Essig & Kuwana, 1918
 Chrysanthemum morifolium
 Chrysanthemum sp.
Macrosiphoniella yomenae (Shinji, 1922)
 = Macrosiphum yomenafoliae Shinji, 1922
 = Macrosiphum moriokae Shinji, 1924
 Aster sp.
 Kalimeris yomena
Macrosiphoniella yomogicola (Matsumura, 1917)
 = Macrosiphoniella fulvicola Shinji, 1933
 = Macrosiphoniella absinthii: Essig & Kuwana, 1918
 = Macrosiphoniella flubicola (sic): Moritsu, 1954
 = Macrosiphum yomogi (sic): Shinji, 1933
 Artemisia indica
 Artemisia japonica
 Artemisia princeps
 Artemisia sp.
 Chrysanthemum morifolium
Macrosiphoniella yomogifoliae (Shinji, 1922)
 Artemisia princeps
 Artemisia sp.
 Chrysanthemum sp.
Macrosiphum adenophorae Matsumura, 1918
 Adenophora triphylla var. japonica
 Adenophora sp.
Macrosiphum avenae akebiae Shinji, 1935
 = Macrosiphum akebiae Shinji, 1935
 = Macrosiphum granarium: Essig & Kuwana, 1918,

Hori, 1929, Itô, 1955, Matsumura, 1917, Moritsu, Macrosiphum hagicola Matsumura, 1917
1954, Shinji, 1941
Agrostis alba
Akebia quinata
Akebia trifoliata
Akebia sp.
Alopecurus aequalis
Avena sativa
Avena sp.
Bromus sp.
Carex sp.
Dactylis glomerata
Digitaria adscendens
Digitaria violascens
Dioscorea japonica
Eleusina indica
Eragrostis multicaulis
Gladiolus gandavensis
Hordeum vulgare
Hordeum vulgare var. nudum
Microstegium vimineum var. polystachyum
Miscanthus sinensis
Oplismenus undulatifolius
Oryza sativa
Oryza sp.
Parthenocissus tricuspidata
Paspalum thunbergii
Phleum pratense
Plantago sp.
Poa annua
Secale cereale
Secale sp.
Stellaria sp.
Triticum aestivum
Triticum sp.
Tulipa gesneriana
Zea mays
A plant of Gramineae
Macrosiphum clematidis Takahashi, 1927
= Macrocaudus clematii Shinji, 1941
Clematis apiifolia
Clematis sp.
Macrosiphum clematifoliae Shinji, 1924
Clematis japonica
Macrosiphum cornifoliae Shinji, 1923
Cornus brachypoda
Cornus kousa
Macrosiphum coriariae Shinji, 1922
Coriaria japonica
Macrosiphum corylicola Shinji, 1930
Corylus heterophylla var. thunbergii
Corylus sieboldiana
Macrosiphum euphorbiae (Thomas, 1877)
Solanum tuberosum
Tulipa gesneriana
Lespedeza bicolor
Lespedeza sp.
Macrosiphum ibarae Matsumura, 1917
= Macrosiphum rosae: Essig & Kuwana, 1918, Hori, 1929, Matsumura, 1917, Shinji, 1941, Takahashi, 1924
= Macrosiphum rosae ibarae: Moritsu, 1954, 1958
Rosa chinensis
Rosa multiflora
Rosa sp.
Macrosiphum kuricola Matsumura, 1917
Castanea crenata
Macrosiphum lili (Monell, 1879)
Lilium sp.
Macrosiphum malvicola Matsumura, 1917
Malva sp.
Syringa sp.
Macrosiphum mordvilkoii Miyazaki, 1968
= Macrosiphum rosae orientale Mordvilko, 1919,
nec Macrosiphum orientale van der Goot, 1912
Rosa rugosa
Macrosiphum naazamii Shinji, 1935
Cirsium nipponicum
Macrosiphum nipponica Shinji, 1942
Solidago virga-aurea var. asiatica
Macrosiphum nishikigi Shinji, 1928
Euonymus alatus
Macrosiphum petasitis Matsumura, 1917
Petasites japonica
Macrosiphum pollinae Shinji, 1924
Microstegium vimineum var. polystachyum
Macrosiphum polygonijaponica Shinji, 1941
Polygonum thunbergii
Polygonum sp.
Macrosiphum rubifoliae Shinji, 1922
Rubia akane
Macrosiphum rubiphila Takahashi, 1964
Rubus sp.
Macrosiphum senecionis Matsumura, 1917
Senecio cannabifolius
Macrosiphum smilacifoliae Takahashi, 1921
Smilax china
Macrosiphum sobae Shinji, 1922
Fagopyrum esculentum
Glycine max
Ixeris dentata
Nicotiana glauca
Solanum tuberosum
Taraxacum platycarpum
Macrosiphum sonchicola Matsumura, 1917
Ixeris dentata
Sonchus brachyotus
Macrosiphum sorbi Matsumura, 1918
Sorbaria sorbifolia
Sorbus commixta

- Macrosiphum suguri Shinji, 1924
Ribes fasciculatum
Ribes sinanense
- Macrosiphum sumoccola Monzen, 1929
Prunus salicina
- Macrosiphum syringae Matsumura, 1918
Syringa reticulata
- Macrosiphum yasumatsui Moritsu, 1958
Eccoilopus cotulifera
- Matsumuraja nuditerga Hille Ris Lambers, 1965
= Matsumuraja rubifoliae: Takahashi & Sorin, 1965
Rubus microphyllus
Rubus sp.
- Matsumuraja rubea Sorin, 1965
Rubus sp.
- Matsumuraja rubi (Matsumura, 1918)
= Matsumuraja ribi (sic): Shinji, 1941
Rubus crataegifolius
Rubus microphyllus
Rubus sp.
- Matsumuraja rubifoliae Takahashi, 1931
= Neophorodon rubi Takahashi, 1922, nec rubi
Matsumura, 1918
Clethra barbinervis
Clethra sp.
Rubus hirsutus
Rubus microphyllus
Rubus palmatus
Rubus sp.
- Matsumuraja rubiphila Takahashi, 1965
Rubus palmatus
- Matsumuraja sorini Takahashi, 1965
Rubus peltatus
- Megoura crassicauda Mordvilko, 1919
= Rhopalosiphum viciae var. japonica Matsumura, 1918
= Nectarosiphum moriokae Shinji, 1923
= Amphorophora lathyri Shinji, 1924
Lathyrus davidii
Lathyrus japonicus
Vicia cracca
Vicia fava
Vicia unijuga
Vicia sp.
- Megoura lespedezae (Essig & Kuwana, 1918)
Lespedeza bicolor var. japonica
- Melanaphis bambusae (Fullaway, 1910)
Arundinaria pygmaea var. glabra
Arundinaria sp.
Bamboos
Bambusa sp.
Pourthiaea villosa var. laevis
Sasa sp.
- Melanosiphum lonicericola Shinji, 1942
Lonicera caerulea var. emphyllocalyx
- Metaphorodon ishimikawae (Shinji, 1941)
= Myzus polygoni: Takahashi, 1924
Polygonum perfoliatum
Polygonum sieboldii
Polygonum sp.
- Metaphorodon isodonis Takahashi, 1965
Plectranthus sp.
- Micromyzodium polypodii Takahashi, 1963
Ferns
- Micromyzus montanus (Takahashi, 1925)
Astilbe sp.
- Micromyzus nikkoensis Miyazaki, 1968
Athyrium pycnosorum
- Micromyzus osmundae Takahashi, 1963
Osmunda claytoniana
- Micromyzus weigela Takahashi, 1965
Weigela hortensis
- Myzaphis komatsubarae Shinji, 1922
Sorbus commixta
- Myzopsis diervillae Matsumura, 1918
Weigela japonica
- Myzosiphum ryukyuensis Tao, 1964
Polygonum sp.
- Myzus asamensis Takahashi, 1965
*Saxifraga sp.
- Myzus ascalonicus Doncaster, 1946
Rorippa indica
Stellaria sp.
Viola sp.
- Myzus asteriae Shinji, 1941
Aster sp.
Kalimeris yomena
- Myzus boehmeriae Takahashi, 1923
Boehmeria nipononivea
Boehmeria platanifolia
Boehmeria spicata
- Myzus cerasi umefoliae Shinji, 1924
= Akkala umefoliae Shinji, 1924
Artemisia capillaris
Prunus japonica
Prunus mume
- Myzus clematophilus Takahashi, 1965
Clematis sp.
- Myzus dycei Carver, 1961
Urtica platyphylla
- Myzus fataunae Shinji, 1924
Boehmeria sp.
Fatoua villosa
Pilea hamaoi
- Myzus geranicola Shinji, 1935
Geranium thunbergii
- Myzus gumi Shinji, 1922
Elaeagnus multiflora
Elaeagnus sp.
- Myzus hemerocallis Takahashi, 1921

Hemerocallis sp.
Myzus inuzakurae Shinji, 1930
 Camellia japonica var. hortensis
 Prunus buergeriana
 Prunus sp.
Myzus japonensis Miyazaki, 1968
 Rosa rugosa
Myzus komaumi Shinji, 1943
 Euonymus alatus var. subtriflorus
Myzus kusaki Shinji, 1941
 Orixa japonica
Myzus lactucicola Takahashi, 1934
 Crepidiastrum lanceolatum
Myzus loniceræ Shinji, 1944
 Euonymus alatus var. subtriflorus
Myzus malicolens Hori, 1929
 Malus pumila
 Pyrus communis
 Pyrus serotina var. culta
Myzus malisuctus Matsumura, 1918
 = Aphis japonica Essig & Kuwana, 1918
 = Aphis crataegifoliae Shinji, 1922
 Chaenomeles speciosa
 Crataegus cuneata
 Crataegus sp.
 Malus pumila
 Pourthiaea villosa var. laevis
 A plant of Compositae
Myzus moriokae Shinji, 1941
 Boehmeria longispica
 Boehmeria nippononivea
 Boehmeria nivea var. candicans
Myzus numecola (Matsumura, 1917)
 = Myzus umecola Shinji, 1924
 Prunus armeniaca var. ansu
 Prunus mume
Myzus mushaensis Takahashi, 1931
 Prunus sp.
Myzus parthenocissi Takahashi, 1965
 Parthenocissus tricuspidata
Myzus persicae (Sulzer, 1775)
 Althaea rosea
 Antirrhinum majus
 Arctium lappa
 Asarum kooyanum var. nipponicum
 Astragalus sinicus
 Astragalus sp.
 Azukia angularis
 Beta vulgaris var. rapa
 Brassica campestris
 Brassica campestris var. komatsuna
 Brassica campestris var. napus
 Brassica campestris var. pekinensis
 Brassica campestris var. rapa
 Brassica oleracea var. acephala
 Brassica oleracea var. botryllis
 Brassica oleracea var. capitata
 Brassica sp.
 Calceolaria corymbosa
 Calendula arvensis
 Capsella bursa-pastoris
 Capsella sp.
 Capsicum annuum
 Carthamus tinctorius
 Cerastium holosteoides var. hallaisanense
 Cerastium vulgatum var. alpinum
 Chenopodium album var. centrorubrum
 Chrysanthemum coronarium var. spatiosum
 Chrysanthemum leucanthemum
 Chrysanthemum morifolium
 Chrysanthemum sp.
 Cirsium sp.
 Citrus sp.
 Colocasia antiquorum var. esculenta
 Crocus sativus
 Crocus sp.
 Cucumis sativus
 Cucumis sp.
 Cucurbita moschata var. toonas
 Cyclamen europeanum
 Cynara scolymus
 Dahlia pinnata
 Dianthus sp.
 Diospyros kaki
 Fuchsia hybrida
 Fuchsia sp.
 Galium spurium var. echinospermon
 Glycine max
 Glycine sp.
 Helianthus annuus
 Heliotrops sp.
 Humulus japonicus
 Humulus sp.
 Hyacinthus orientalis
 Hyacinthus sp.
 Ipomoea batatas var. edulis
 Ipomoea nil
 Ipomoea sp.
 Kalimeris yomena
 Lactuca scariola var. sativa
 Lamium amplexicaule
 Lycopersicon esculentum
 Lycopersicon sp.
 Malus pumila
 Mesembryanthemum spectabile
 Mesembryanthemum sp.
 Narcissus sp.
 Nerium indicum
 Nicotiana tabacum
 Panax ginseng

Papaver somniferum
 Paulownia tomentosa
 Paulownia sp.
 Petasites japonicus
 Physalis pubescens
 Physalis sp.
 Pisum sativum
 Pittosporum tobira
 Primula sp.
 Prunus armeniaca var. ansu
 Prunus mume
 Prunus persica
 Prunus salicina
 Prunus yedoensis
 Prunus sp.
 Pyrus communis
 Pyrus serotina var. culta
 Pyrus sp.
 Raphanus sativus var. acanthiformis
 Raphanus sp.
 Rorippa indica
 Rubia sp.
 Rumex japonicus
 Senecio cruentus
 Sesamum indicum
 Sinapis sp.
 Sinningia speciosa
 Sonchus oleraceus
 Solanum melongena var. esculentum
 Solanum tuberosum
 Solanum sp.
 Spinacia oleracea
 Stellaria media
 Taraxacum platycarpum
 Tulipa gesneriana
 Verbena sp.
 Veronica didyma var. lilacina
 Vicia fava
 Zanthoxylum piperitum
 Zinnia elegans
 A plant of Cruciferae
Myzus philadelphi Takahashi, 1965
 Deutzia crenata
 Philadelphus sp.
Myzus physaliae (Shinji, 1924)
 Physalis alkekengi
Myzus pileae Takahashi, 1965
 Pilea hamaoi
Myzus plectranthi Shinji, 1939
 Plectranthus inflexus
Myzus polygoni-yonai Shinji, 1938
 Polygonum viscosum
Myzus primulana (Matsumura, 1917)
 Primula sieboldii
Myzus ranunculinus (Walker, 1852)
 Ranunculus sp.
Myzus sakurae Matsumura, 1917
 Artemisia princeps
 Prunus donarium
 Prunus jamasakura
 Prunus persica
 Prunus sargentii
 Prunus yedoensis
 Prunus sp.
Myzus siegesbeckiae Takahashi, 1965
 Siegesbeckia glabrescens
Myzus stellariae (Strand, 1929)
 Stellaria sp.
Myzus suguri Shinji, 1927
 = Myzus ribis Shinji, 1922, nec Buckton, 1876
 Ribes sativum
 Ribes sinanense
Myzus varians Davidson, 1912
 = Myzus clematifoliae Shinji, 1924
 Clematis japonica
 Clematis ochotensis
 Clematis sp.
 Prunus persica
Myzus xanthomelii Shinji, 1935
 Zanthoxylum piperitum
Myzus yomogi Shinji, 1922
 Artemisia princeps
Nectarosiphon obako Shinji, 1922
 Plantago camtschatica
Neorhopalomyzus lonicericola (Takahashi, 1921)
 Lonicera morrowii
Neotoxoptera abelliae Takahashi, 1965
 Deutzia gracilis
Neotoxoptera formosana (Takahashi, 1929)
 Allium fistulosum
 Allium grayi
 Allium tuberosum
 Viola sp.
Nippodysaphis deutziae (Hille Ris Lambers, 1965)
 Deutzia sp.
 *Prunus sp.
Ovatus compositae Takahashi, 1965
 A plant of Compositae
Ovatus menthae (Buckton, 1876)
 Lilium leichtlinii var. tigrinum
 Mentha arvensis var. piperascens
 Mentha japonica
Ovatus minutus nipponicus Takahashi, 1965
 Mentha sp.
 A plant of Labiatae
Paramyzus heraclei similis Takahashi, 1963
 Angelica pubescens
 Heracleum moellendorffii
Pentalonia nigronervosa Coquerrel, 1859
 Musa sp.

- Pergandeida cracca (L., 1758)
Vicia angustifolia var. *segetalis*
Vicia cracca
- Pergandeida kalopanax Hori, 1927
Kalopanax pictus
- Phorodon cannabis Passerini, 1860
= *Phorodon asacola* Matsumura, 1917
= *Capitophorus cannabisfoliae* Shinji, 1924
= *Phorodon humuli*: Hori, 1929
Cannabis sativa
Humulus japonicus
Humulus lupulus
Prunus communis
Prunus mume
- Phorodon humuli japonensis Takahashi, 1965
= *Phorodon humuli*: Matsumura, 1917, Moritsu, 1954, Shibata, 1955, Shinji, 1932, 1944
Cannabis sativa
Humulus japonicus
Humulus lupulus
Humulus lupulus var. *cordifolius*
Prunus armeniaca var. *ansu*
Prunus mume
Prunus persica
Prunus salicina
Prunus sp.
- Phorodon persifoliae Shinji, 1922
Prunus persica
- Phorodon viburni Matsumura, 1918
Euscaphis japonica
Viburnum sp.
- Pleotrichophorus glandulosus (Kaltenbach, 1846)
= *Capitophorus formosanus* Takahashi, 1929
Artemisia indica
Chrysanthemum morifolium
- Pseudolachnus yomogi Shinji, 1922
Artemisia princeps
- Pseudomegoura nishikigi Shinji, 1941
Euonymus alatus
- Pterocomma konoi Hori, 1939
Salix sp.
- Pterocomma salijaponicum (Shinji, 1924)
Populus maximowiczii
Salix babylonica
Salix gracilistyla
Salix koriyanagi
Salix sp.
- Pterocomma vignae (Matsumura, 1917)
Vigna sinensis
- Pterocomma yezoense (Hori, 1929)
Populus alba
Populus maximowiczii
Populus monilifera
Populus nigra var. *italica*
- Rhodobium porosum (Sanderson, 1900)
Rosa sp.
- Rhopalosiphoninus adenocauli (Shinji, 1922)
= *Rhopalosiphoninus nobukii adenocauli* Shinji, 1933
Adenocaulon himalaicum
Siegesbeckia pubescens
- Rhopalosiphoninus celtifoliae Shinji, 1924
Prunus jamasakura
Prunus sp.
- Rhopalosiphoninus deutzifoliae Shinji, 1924
Deutzia crenata
- Rhopalosiphoninus hydrangeae (Matsumura, 1918)
= *Clavisiphum sambucifoliae* Shinji, 1922
Hydrangea paniculata
Hydrangea scandens
Sambucus sieboldiana
Weigela hortensis
- Rhopalosiphoninus tiliae (Matsumura, 1918)
Tilia japonica
Tilia miqueliana
- Rhopalosiphum acericola (Matsumura, 1917)
Acer palmatum
- Rhopalosiphum brachytarsus Takahashi, 1961
A plant of *Cyperaceae*
- Rhopalosiphum cacaliae (Matsumura, 1918)
Cacalia hastata var. *orientalis*
- Rhopalosiphum cornicolum (Matsumura, 1918)
Cornus controversa
- Rhopalosiphum donarium (Matsumura, 1918)
Prunus americana
Prunus armeniaca var. *ansu*
Prunus buergeriana
Prunus donarium
Prunus grayana
Solanum tuberosum
Sorbaria sorbifolia
- Rhopalosiphum fraxinicola (Matsumura, 1917)
Fraxinus longicuspis
- Rhopalosiphum maidis (Fitch, 1856)
Avena sativa
Carex sp.
Coix lacryma-jobi var. *ma-yuen*
Digitaria adscendens
Echinochloa crusgalli var. *frumentaceum*
Eleusine indica
Holcus sorghum var. *japonicus*
Hordeum vulgare
Miscanthus sinensis
Poa annua
Setaria italica
Setaria viridis
Zea mays
- Rhopalosiphum momo Shinji, 1922
Prunus persica
- Rhopalosiphum nymphaeae (L., 1761)
Eriobotrya japonica

Juncus effusus var. *decipiens*
Nelumbo nucifera
Nelumbo sp.
Nuphae japonicum
Nymphaea japono-koreana
Nymphaea sp.
Prunus communis
Prunus mume
Prunus persica
Prunus salicina
Prunus yedoensis
Prunus sp.
Pyrus serotina var. *culta*
Sagittaria trifolia
Sagittaria trifolia var. *edulis*
Sagittaria sp.
Scirpus tabernaemontani
Rhopalosiphum padi (L., 1758)
 = *Aphis prunifoliae* Fitch, 1855
 = *Rhopalosiphum avenae*: Hori, 1926
 = *Siphocoryne avenae*: Matsumura, 1917
Agropyrum tsukushiense var. *transiens*
Agrostis alba
Allium cepa
Alopecurus aequalis
Andropogon sp.
Avena sativa
Avena sp.
Bromus sp.
Carex sp.
Crataegus cuneata
Cydonia oblonga
Dactylis glomerata
Digitaria adscendens
Echinochloa crus-galli
Echinochloa crus-galli var. *frumentaceum*
Eleusine coracana
Eleusine indica
Elymus sp.
Helianthus annuus
Holcus sorghum
Holcus sorghum var. *japonicus*
Hordeum sativum
Hordeum vulgare
Hordeum vulgare var. *nudum*
Hordeum sp.
Malus halliana
Malus pumila
Malus sieboldii
Melica sp.
Oryza sativa
Panicum miliaceum
Panicum sp.
Papaver samniferum
Pennisetum alopecuroides

Phleum pratense
Poa annua
Poa pratensis
Poa sp.
Prunus buergeriana
Prunus donarium
Prunus mume
Prunus persica
Prunus salicina
Prunus sargentii
Prunus yedoensis
Prunus sp.
Pyrus communis
Pyrus serotina var. *culta*
Secale cereale
Setaria italica
Setaria italica var. *germanica*
Setaria viridis
Triticum aestivum
Zea mays
 A plant of Gramineae
Rhopalosiphum polygona (Shinji, 1922)
Polygonum sp.
Rhopalosiphum rufiabdominalis (Sasaki, 1899)
 = *Yamataphis oryzae* Matsumura, 1917
 = *Pseudocerosipha pruni* Shinji, 1932
 = *Rhopalosiphum padi*: Tanaka, 1957
Agropyron ciliare var. *minus*
Agropyron tsukushiense var. *transiens*
Alopecurus aequalis
Carex sp.
Cyperus microiria
Digitaria adscendens
Echinochloa crusgalli
Echinochloa crusgalli var. *frumentaceum*
Hordeum vulgare
Oryza sativa
Pennisetum alopecuroides
Prunus avium
Prunus donarium
Prunus jamasakura
Prunus lannesiana
Prunus mume
Prunus persica
Prunus salicina
Prunus sargentii
Prunus yedoensis
Prunus sp.
Pyrus serotina var. *culta*
Pyrus ussuriensis
Setaria glauca
Setaria viridis
Solanum tuberosum
Triticum aestivum
Triticum sp.

Rhopalosiphum sambuci Matsumura, 1918
Sambucus sieboldiana

Rhopalosiphum smilacis Matsumura, 1918
Smilax china
Viburnum sp.

Ryoichitakahashia ilicis Hille Ris Lambers, 1965
Ilex serrata

Sappaphis piri Matsumura, 1918
= Anuraphis piricola Okamoto & Takahashi, 1926
Artemisia montana
Artemisia princeps
Pyrus communis
Pyrus serotina var. culta

Schizaphis graminum (Rondani, 1852)
Phragmites sp.

Schizaphis graminum (Rondani, 1852) (?)
Arctium lappa
Hordeum vulgare var. nudum
Triticum aestivum

Schizaphis piricola (Matsumura, 1917)
Prunus persica
Pyrus communis
Pyrus serotina var. culta

Schizaphis scirpi (Kittel, 1827)
= Toxoptera acori Theobald, 1922
= Toxoptera acori Shinji, nec Theobald, 1922
Acorus calamus

Semiaphis heraclei (Takahashi, 1921)
Angelica decursiva
Cryptotaenia japonica
Osmorhiza aristata
Panax ginseng
A plant of Umbelliferae

Semiaphis moiwaensis Takahashi, 1965
Impatiens noli-tangere

Semiaphis montana van der Goot, 1917
= Brachycolus graminis Takahashi, 1920
Miscanthus sinensis
Pyrus serotina

Shinjia pteridifoliae (Shinji, 1929)
Artemisia princeps
Pteridium aquilinum var. latiusculum
Viburnum dilatatum
Viburnum erosum
Viburnum japonicum

Sinomegoura citricola (van der Goot, 1917)
= Tuberosiphum camphorae Shinji, 1922
Acronychia pedunculata
Bixa orellana
Brideria ovata
Chalcos paniculata
Cinnamomum burnianis
Cinnamomum camphora
Cinnamomum zeylanicum
Cinnamomum sp.

Citrus tachibana
Citrus sp.
Eugenia densiflora
Ficus obscura
Gardenia jasminoides
Impatiens balsamina
Lasianthus sp.
Listera sp.
Murraya exotica
Smilax sp.
Tea sinensis
Trachycarpus fortunei

Sinomegoura photiniae (Takahashi, 1936)
Photinia glabra

Staticobium loochocense Sorin, 1967
Limonium wrightii

Sumoia rhois (Takahashi, 1924)
= Sitomyzus japonica Takahashi, 1963
Rhus ambigua
Rhus trichocarpa
Rhus verniciflua

Toxoptera aurantii (Boyer, 1841)
= Toxoptera citrifolia Maki, 1913
Citrus deliciosa
Citrus sp.
Camellia japonica var. hortensis
Camellia sp.
Illicium religiosum
Photinia glabra
Poncirus trifoliata
Tea sinensis
Trachelospermum jasminoides var. pubescens

Toxoptera celtis (Shinji, 1922)
Celtis sinensis var. japonica

Toxoptera citricidus (Kirkaldy, 1907)
= Aphis aeglis Shinji, 1922
Chalcos paniculata
Citrus sinensis
Citrus sp.
Murraya exotica
Poncirus trifoliata

Toxoptera mehijiwae Uye, 1924
Digitaria ciliaris

Toxoptera odinae (van der Goot, 1917)
= Arimakia araliae Matsumura, 1917
= Arimakia tarabonnis Matsumura, 1917
= Aphis somei Essig & Kuwana, 1918
= Aphis mokulen Shinji, 1922
= Aphis rutae Shinji, 1922
= Thomasia sansho Shinji, 1922
= Aphis soyogo Uye, 1923
Acanthopanax dibaricatus
Acanthopanax spinosus
Aralia cinensis
Aralia cordata

Aralia elata
 Camellia japonica var. hortensis
 Celastrus orbiculatus
 Citrus deliciosa
 Citrus sinensis
 Citrus sp.
 Eurya japonica
 Evodia rutaecarpa
 Fatsia japonica
 Ilex pedunculosa
 Kalopanax pictus
 Magnolia liliflora
 Malus pumila
 Osmanthus insularis
 Pittosporum tobira
 Polygonum cuspidatum
 Prunus yedoensis
 Pyrus communis
 Pyrus serotina var. culta
 Rhus javanica
 Rhus succedanea
 Rhus verniciflua
 Rhus sp.
 Saphium sebiferum
 Viburnum awabuki
 Viburnum dilatatum
 Viburnum plicatum var. tomentosum
 Zanthoxylum ailanthoides
 Zanthoxylum piperitum
Trichosiphonaphis loniceræ (Uye, 1923)
 Lonicera japonica
Trichosiphonaphis polygoniformosana (Takahashi, 1921)
 Polygonum sieboldii
 Polygonum thunbergii
 Polygonum sp.
Trichosiphoniella momonis (Matsumura, 1917)
 = Aphis spinosula Essig & Kuwana, 1918
 = Myzus higansakuræ Monzen, 1927
 = Myzus rarus Monzen, 1927
 = Myzus higansakuræ rarus Monzen, 1929
 Artemisia princeps
 Elsholtzia ciliata
 Prunus jamasakura
 Prunus persica
 Prunus subhirtella
 Prunus yedoensis
 Prunus sp.
Trichosiphoniella sasakii (Matsumura, 1917)
 = Tuberocephalus artemisiae Shinji, 1929
 Artemisia princeps
 Prunus jamasakura
 Prunus lannesiana
 Prunus sieboldii
 Prunus sp.
Utamphorophora filicis Miyazaki, 1968
 Athyrium yokoscense
 Dryopteris austriaca
 Osmunda japonica
Vesiculaphis caricis (Fullaway, 1910)
 = Toxoptera rhododendroni Uye, 1923
 = Toxoptera schichito Uye, 1923
 Cyperus monophyllus
 Panax ginseng
 Rhododendron albrechtii
 Rhododendron indicum
 Rhododendron kaempferi
 Rhododendron obtusum
 Rhododendron sp.
Vesiculaphis kongoensis Takahashi, 1965
 Rhododendron sp.
Xenosiphonaphis conandri Takahashi, 1961
 Conandron ramondioides
Xenosiphonaphis japonica Takahashi, 1961
 Stachyurus praecox
Yezabura photiniae Matsumura, 1918
 Pourthiaea villosa var. laevis
Yezabura sasae Matsumura, 1917
 Sasa senanensis
Yezaphis sasicola Matsumura, 1917
 Sasa senanensis
 GREENIDEIDAE
Allotrichosiphum kashicola (Kurisaki, 1920)
 Castanopsis cuspidata
 Quercus acuta
 Quercus glauca
Cervaphis quercus Takahashi, 1918
 = Diverosiphum kunugii Shinji, 1922
 Quercus acutissima
 Quercus serrata
Eutrichosiphum lithocarpi (Maki, 1917)
 Castanopsis cuspidata
 Castanopsis sp.
Eutrichosiphum narafoliae (Shinji, 1922)
 Quercus sp.
Eutrichosiphum pasaniae (Okajima, 1908)
 Castanopsis cuspidata
 Quercus acuta
 Quercus serrata
Eutrichosiphum shiicola Takahashi, 1962
 Castanopsis cuspidata
 Quercus dentata
Eutrichosiphum sinense Raychaudhuri, 1956
 Castanopsis cuspidata
Greenidea carpini Takahashi, 1963
 Carpinus sp.
Greenidea ficicola Takahashi, 1923
 Ficus carica
 Ficus microcarpa
 Ficus sp.

- Greenidea formosana (Maki, 1917)
Psidium guyava
- Greenidea kuwanai (Pergande, 1906)
Castanea crenata
Castanopsis cuspidata
Pasania edulis
Quercus acuta
Quercus acutissima
Quercus dentata
Quercus glabra
Quercus glauca
Quercus myrsinaefolia
Quercus phillyraeoides
Quercus salicina
Quercus serrata
Quercus sp.
- Greenidea luchuana Takahashi, 1930
Quercus sp.
- Greenidea nipponica Suenaga, 1934
Quercus acutissima
Quercus phillyraeoides
- Greenidea okazimai Suenaga, 1934
Castanopsis cuspidata
- Mollitrichosiphum nigrofasciatum (Maki, 1917)
Quercus glauca
Quercus sp.
- Mollitrichosiphum nigrofasciatum glaucae Takahashi, 1962
Quercus glauca
- Mollitrichosiphum tenuicarpus (Okajima, 1908)
Castanopsis cuspidata
- Mollitrichosiphum yamabiwae Suenaga, 1934
Meliosma myriantha
- Paratrichosiphum tattakanum (Takahashi, 1925)
Quercus acutissima
Quercus glauca
Quercus phillyraeoides
- THELAXIDAE
- Aiceona actinodaphni Takahashi, 1921
Actinodaphne sp.
- Aiceona japonica Takahashi, 1960
Cinnamomum camphora
A plant of Lauraceae
- Aleurodaphis asteris Takahashi & Sorin, 1958
Gymnaster pygmaeus
Kalimeris yomena
- Aleurodaphis blumeae van der Goot, 1917
Carpesium abrotanoides
Kalimeris yomena
- Aleurodaphis mikaniae Takahashi, 1925
Gymnaster savatieri
Impatiens balsamina
Ligularia fischeri
- Aleurodaphis nobukii Shinji, 1923
Adenocaulon himalaicum
- Allothoracaphis piyananensis Takahashi, 1935
Quercus glauca
- Anoecia fulviabdominalis (Sasaki, 1899)
= Anoecia corni: Hori, 1929, Matsumura, 1917, Moritsu, 1954, Shinji, 1932, 1935, 1941, Suenaga, 1937, Tanaka, 1957.
Agropyron ciliare var. minus
Agropyrum tsukushiense var. transiens
Alopecurus aequalis
Avena sativa
Avena sp.
Cornus brachypoda
Cornus controversa
Cornus sp.
Digitaria adscendes
Echinochloa crusgalli
Echinochloa crusgalli var. frumentaceum
Eragrostis sp.
Holcus lanatus
Hordeum vulgare
Imperata cylindrica var. koenigii
Lolium temulentum
Lolium sp.
Miscanthus sinensis
Oryza sativa
Oryza sp.
Panicum crusgalli
Panicum sp.
Setaria glauca
Setaria viridis
Setaria sp.
Triticum aestivum
Triticum sp.
- Astegopteryx bambusifoliae (Takahashi, 1921)
Bambusa sp.
- Astegopteryx pseudostyracophila Shinji, 1936
Styrax japonica
- Astegopteryx styraci Matsumura, 1917
Styrax obassia
- Astegopteryx styracophila Karsh, 1891
Microstegium vimineum var. polystachyum
Styrax japonica
- Astegopteryx takenouchii Takahashi, 1934
Styrax japonica
Styrax sp.
- Atarsaphis quercus Takahashi, 1958
Quercus phillyraeoides
- Ceratovacuna japonica (Takahashi, 1924)
Bamboos
Bambusa sp.
- Ceratovacuna lanigera Zehntner, 1897
Miscanthus sinensis
Miscanthus sp.
Saccharum officinarum
- Ceratovacuna nekoashi (Sasaki, 1907)
= Pemphigus oplisneni Shinji, 1922

- Microstegium vimineum* var. *polystachyum*
Oplismenus undulatifolius
Oplismenus sp.
Styrax japonica
- Dermaphis japonensis* Takahashi, 1958
 = *Thoracaphis takahashii*: Shinji, 1941
Pasania sp.
Quercus glauca
- Dinipponaphis autumnna* (Monzen, 1934)
 = *Nipponaphis yanonis* var. *autumnus* Monzen, 1934
Distylium racemosum
- Doraphis populi* (Maskell, 1898)
 = *Cerataphis pirifoliae* Shinji, 1924
 = *Doraphis populi* Matsumura & Hori, 1929
Populus maximowiczii
Populus sieboldii
Populus sp.
- Euthoracaphis umbellulariae* (Essig, 1932)
 = *Thoracaphis cinnamoniae* Shinji, 1941
Cinnamomum japonicum
Cinnamomum paniculatum
- Glyphina betulae* (Kaltenbach, 1843)
Betula platyphylla var. *japonica*
- Glyphina saitamaensis* Shinji, 1923
Quercus sp.
- Glyphina schrankiana* Börner, 1950
 = *Aphis alni* Schrank, 1801, nec Degeer, 1773
Alnus firma
Alnus japonica
Betula platyphylla var. *japonica*
- Glyphinaphis bambusae* van der Goot, 1917
 = *Okajimaia japonica* Suenaga, 1933
Arundinaria simonii
- Hamamelistes cristafoliae* Monzen, 1954
Betula maximowicziana
- Hamamelistes gibberi* Monzen, 1954
 = *Hamamelistes gibberi* biological race *grossae* Monzen, 1954
Betula ermani
Betula grossa
- Hormaphidula betulae* (Mordvilko, 1907)
Betula platyphylla var. *japonica*
- Kurisakia ailanthi* Takahashi, 1960
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- Kurisakia onigurumii* (Shinji, 1923)
 = *Glyphina onigurumii* Shinji, 1924
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Junglans sp.
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- Kurisakia onigurumii querciphila* Takahashi, 1960
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- Lithoaphis shiiae* Takahashi, 1959
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- Mansakia betulina* (Horvath, 1896)
 = *Hamamelistes tullgreni* Meijere, 1912
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- Mansakia betulina makabae* Inouye, 1963
Betula maximowicziana
- Mansakia gallifoliae* Monzen, 1929
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- Mansakia kagamii* Monzen, 1929
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- Mansakia miyabei* Matsumura, 1917
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- Metanipponaphis rotunda* Takahashi, 1959
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- Metanipponaphis shiicola* Takahashi, 1959
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- Mindarus abietinus* Koch, 1856
Abies firma
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- Mindarus japonicus* Takahashi, 1931
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- Nipponaphis amamiana* Takahashi, 1962
Machilus sp.
- Nipponaphis distychiei* Pergande, 1909
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- Nipponaphis distyliicola* Monzen, 1934
 = *Nipponaphis cuspidatae*: Shinji, 1941(partim).
 = *Nipponaphis gigantea*: Sorin, 1958, Takahashi,

1958.
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- Nipponaphis litseae* Takahashi, 1959
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- Nipponaphis machilicola* (Shinji, 1941)
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- Nipponaphis machiliphga* Takahashi, 1959
Machilus sp.
- Nipponaphis monzeni* Takahashi, 1958
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- Oregma lanigera* Uye, 1924
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- Oregma ganici* Uye, 1924
Arundinaria simonii
- Oregma sasae* Monzen, 1927
Sasa ramosa
- Oregma uscae* Tao, 1964
 Bamboos
- Paranipponaphis takaoensis* Takahashi, 1959
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- Parathoracaphis setigera* (Takahashi, 1932)
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Quercus myrsinaefolia
- Quadrartus yoshinomiyai* Monzen, 1954
Distylium racemosum
- Quernaphis tuberculata* (Takahashi, 1933)
Quercus gilva
- Reticulaphis fici foveolatae* Takahashi, 1935
 = *Thoracaphis fici* var. *foveolatae* Takahashi, 1935
Ficus nipponica
- Reticulaphis shiiae* Takahashi, 1958
Castanopsis cuspidata
- Thoracaphis betulaeifoliae* Shinji, 1924
Betula platyphylla var. *japonica*
- Thoracaphis dorocola* Shinji, 1941
Populus maximowiczii
- Thoracaphis fici* (Takahashi, 1923)
Ficus carica
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Ficus wightiana
- Thoracaphis linderiae* Shinji, 1926
Lindera umbellata
Parabenzoin praecox
Parabenzoin trilobum
- Thoracaphis quercicola* (Takahashi, 1921)
Quercus mongolica var. *grosseserrata*
Quercus serrata
- Thoracaphis yamanarashii* Shinji, 1941
Populus sieboldii
- Tsugaphis sorini* Takahashi, 1957
Tsuga sieboldii
- Xenothoracaphis kashifolia* (Uye, 1924)
 = *Xenothoracaphis kashiwae*(sic): Sorin, 1960,
 Takahashi, 1958.
Quercus acuta
Quercus glauca
- PEMPHIGIDAE
- Colopha graminis* (Takahashi, 1930)
 A plant of Gramineae
- Colopha moriokaensis* (Monzen, 1929)
Sasa ramosa
Sasa veitchii
Ulmus davidiana var. *japonica*
Zelkova serrata
- Eriosoma clematis* (Shinji, 1922)
Clematis apiifolia
Clematis japonica
- Eriosoma clematicola* (Shinji, 1922)
Clematis apiifolia
Clematis japonica
- Eriosoma elsholtriae* Shinji, 1935
Elsholtzia ciliata
- Eriosoma japonica* (Matsumura, 1917)
Ulmus davidiana var. *japonica*
- Eriosoma kansugei* Uye, 1924
Carex morrowii
- Eriosoma lanigera* (Hausman, 1802)
Crataegus cuneata
Malus halliana
Malus pumila
Malus sieboldii
Pourthiaea villosa var. *laevis*
- Formosaphis micheliae* Takahashi, 1925
Michelia compressa
- Geocica lucifuga* (Zehntner, 1899)
Agropyrum tsukushiense var. *transiens*
Digitaria adscendens
Dimeria ornithopoda var. *tenera*
Oryza sativa
Saccharum officinarum
Zoysia japonica
- Kaltenbachiella japonica* (Matsumura, 1917)
Elsholtzia ciliata
Ulmus davidiana var. *japonica*
Ulmus laciniata
Ulmus sp.
- Kaltenbachiella nirecola* (Matsumura, 1917)
Panicum sp.
Setaria sp.
Triticum sp.
Ulmus davidiana var. *japonica*
- Nurudea ibofushi* Matsumura, 1917

Rhus javanica
Nurudea rosea (Matsumura, 1917)
 Rhus javanica
Nurudeopsis shiraii Matsumura, 1917
 Rhus javanica
Nurudeopsis yanoniella Matsumura, 1917
 Rhus javanica
Paracletus cimiciformis Heyden, 1837
 = Paracletus harukawai Tanaka, 1957
 Hordeum vulgare
 Oryza sativa
 Poa pratensis
Pemphigus andropogiae Shinji, 1924
 Cymbopogon tortilis
Pemphigus arrigmoniae Shinji, 1924
 Agrimonia pilosa
Pemphigus dorocola Matsumura, 1917
 Agrimonia pilosa
 Plantago asiatica
 Populus balsamifera
 Populus maximowiczii
Pemphigus fatauae Shinji, 1924
 Fatoua villosa
Pemphigus matsumurai Monzen, 1927
 Populus maximowiczii
Pemphigus niishimae Matsumura, 1917
 Agrimonia pilosa
 Bidens tripartita
 Fatoua villosa
 Larix leptolepis
 Populus maximowiczii
Pemphigus yanagi Shinji, 1928
 Toisusu urbaniana
Prociphilus anemoni Shinji, 1922
 Anemone hupehensis var. japonica
Prociphilus bumeliae (Schrank, 1801)
 Abies sp.
 Bamboos
 Holcus sorghum var. japonicus
 Larix leptolepis
 Panicum miliaceum
 Pyrus serotina var. culta
Prociphilus crataegicola Shinji, 1922
 Crataegus cuneata
 Crataegus sp.
 Malus pumila
Prociphilus konoi Hori, 1938
 Lonicera gracilipes var. glabra
 Lonicera morrowii
 Picea glehnii
Prociphilus kuwanai Monzen, 1927
 = Prociphilus takahashii Maxson & Knowlton, 1937
 = Prociphilus pyri: Essig & Kuwana, 1918, Takahashi, 1921
 Forsythia suspensa
 Larix leptolepis
 Malus pumila
 Pyrus communis
 Pyrus serotina var. culta
 Pyrus sp.
 Rhus verniciflua
 Rumex japonicus
 Ulmus davidiana var. japonica
Prociphilus laricis Shinji, 1941
 Abies sp.
Prociphilus lonicerae Shinji, 1943
 Lonicera gracilipes var. glabra
Prociphilus oriens Mordvilko, 1935
 = Prociphilus bumeliae: Matsumura, 1917
 = Prociphilus nidificus: Monzen, 1929
 Abies mayriana
 Abies sachalinensis
 Celtis jessoensis
 Forsythia japonica
 Fraxinus americana
 Fraxinus excelsior
 Fraxinus lanuginosa
 Fraxinus mandshurica var. japonica
 Fraxinus sieboldiana
 Fraxinus spaethiana
 Fraxinus velutina
 Fraxinus sp.
 Ligustrum obtusifolium
 Ligustrum ovalifolium
 Ligustrum tschonoskii var. glabrescens
 Lonicera morrowii
 Malus pumila
 Prunus maximowiczii
 Prunus sargentii
 Pterocarya rhoifolia
 Rhus javanica
 Salix bakko
 Salix sachalinensis
 Sorbus commixta
 Styrax obassia
 Syringa reticulata
 Syringa vulgaris
 Syringa sp.
 Tilia maximowicziana
 Ulmus davidiana var. japonica
Prociphilus osmanthae Essig & Kuwana, 1918
 Mahonia japonica
 Osmanthus heterophyllus
Prociphilus pourthiacae Monzen, 1927
 Pourthiaea villosa
Prociphilus ranunculi (Shinji, 1922)
 Rannunculus japonicus
 Rannunculus quelpaertensis
Prociphilus sasakii Monzen, 1927
 Malus pumila

- Prociphilus take (Shinji, 1922)
 Bamboo
 Sasa sp.
- Prociphilus ushikoroshi Shinji, 1924
 Larix leptolepis
 Pourthiaea villosa var. laevis
- Schlechtendalia chinensis (Bell, 1848)
 Mosses
 Rhus javanica
- Schlechtendalia intermedia Matsumura, 1917
 Rhus javanica
- Schlechtendalia mimifushi Matsumura, 1917
 Rhus javanica
- Schlechtendalia miyabei Matsumura, 1917
 Rhus javanica
- Stagona crataegi (Tullgren, 1909)
 Crataegus cuneata
 Ribes sinanense
- Tetraneura akinire Sasaki, 1904
 Ulmus davidiana var. japonica
 Ulmus parvifolia
- Tetraneura fusiformis Matsumura, 1917
 Ulmus davidiana
 Ulmus parvifolia
 Ulmus sp.
- Tetraneura nigriabdominalis (Sasaki, 1899)
 = Brysocyrtia ulmi: Tanaka, 1957
 Agropyron ciliare
 Agropyron tsukushiense var. transiens
 Agropyron clavata var. nukabo
 Alopecurus aequalis
 Alopecurus japonicus
 Dactylis glomerata
 Digitaria adscendens
 Dimeria ornithopoda var. tenera
 Echinochloa crusgalli
 Echinochloa crusgalli var. frumentaceum
 Eleusine indica
 Eragrostis ferruginea
 Eragrostis multicaulis
 Hordeum vulgare
 Imperata cylindrica var. koenigii
 Oryza sativa
 Pennisetum alopecuroides
 Phleum pratense
 Setaria glauca
 Setaria italica
 Setaria viridis
 Triticum aestivum
 Triticum sp.
 Ulmus davidiana var. japonica
 Ulmus davidiana var. japonica f. suberosa
 Ulmus parvifolia
 Zoysia japonica
- Tetraneura ulmi (L., 1758)
- Oryza sativa
 Ulmus davidiana var. japonica
 Ulmus parvifolia
 Zelkova serrata
- Tetraneura yezoensis Matsumura, 1917
 = Tetraneura ulmi yezoensis: Hori, 1929, Moritsu, 1954.
 = Tetraneura yezoensis ulmi(sic): Shinji, 1932
 Agrimonia pilosa
 Cynodon dactylon
 Dactylis glomerata
 Digitaria adscendens
 Echinochloa crusgalli
 Echinochloa crusgalli var. frumentaceum
 Setaria italica
 Setaria viridis
 Ulmus campestris
 Ulmus campestris var. major
 Ulmus davidiana var. japonica
 Ulmus parvifolia
 Zea mays
 A plant of Gramineae
- Thecabius latisensoria Hori, 1938
 Populus maximowiczii
- Thecabius populiconduplifolius (Cowen, 1895)
 Ranunculus ternatus
- Watabura nishiyae Matsumura, 1917
 = Pemphigus gramineus Shinji, 1923
 = Aphidounguis mali Takahashi, 1963
 Calamagrostis arundinacea
 Celtis sinensis var. japonica
 Cydonia oblonga
 Cymbopogon tortilis
 Malus pumila
 Sasa veitchii
 Ulmus davidiana var. japonica
 Zelkova serrata
 A plant of Gramineae
- ADELGIDAE
- Adelges japonicus Monzen, 1929
 Picea jezoensis
 Picea jezoensis var. hondoensis
 Picea sitchensis
- Adelges laricis Vallot, 1836
 = Adegis laricis var. karamatsu Inouye, 1953
 Larix gmelini
 Larix leptolepis
 Larix olgensis var. koreana
- Aphrastasia pectinatae (Cholodkovsky, 1888)
 = Chermes ishiharai Inouye, 1936
 = Aphrastasia pectinatae var. ishiharai Inouye, 1953
 Abies sachalinensis
 Abies sachalinensis var. mayriana
 Picea canadensis

- Picea glehnii*
Picea jezoensis
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Cholodkovskya viridana (Cholodkovsky, 1896)
 = *Chermes laricicola* Shinji, 1930
Larix gmelini
Larix leptolepis
Larix olgensis var. *koreana*
Dreyfusia todomatsui Inouye, 1953
Abies mayriana
Pineus cembrae (Cholodkovsky, 1888)
Picea glehnii
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Pinus parviflora
Pinus parviflora var. *pentaphylla*
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Pineus konowashiyai Inouye, 1953
Picea excelsa
- Pineus laevis (Maskell, 1885)
Pinus thunbergii
Pineus matsumurai Inouye, 1953
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Pinus thunbergii
Pineus orientalis (Dreyfus, 1888)
Pinus densiflora
Pinus polita
Pinus thunbergii
Pineus pini (Macquart, 1819)
 = *Anisophleba pini* Koch, 1857
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PART III. BIBLIOGRAPHY

The paper with an asterisk (*) is written in Japanese, without a title in English or other foreign languages. In that case an English title is given by the present authors.

1. Enomoto, E. 1953 *Breeding plants of *Myzus persicae* (Sulzer). *Oyô-kontyû* 8(4): 155 - 156.
2. Essig, E. O. & Kuwana, S. I. 1918 Some Japanese Aphididae. *Proc. Calif. Acad. Sci.* 4th ser. 8(3): 35 - 112.
3. Higuchi, H. 1968 A revision of the genus *Takecallis* Matsumura. *Ins. Mats.* 31(4): 25 - 34.
4. Hille Ris Lambers, D. 1965 On some Japanese Aphididae. *Tijdschr. Ent.* 108: 189 - 203.
5. _____ 1967 Notes on some Japanese Eriosomatinae (Homopt., Aphididae). *Ent. Bericht-*
en 27: 86 - 89.

6. _____ 1967 A new species of *Aulacorthum* Mordvilko (Homopt., Aphididae) from Japan. Ent. Berichten 27: 132 - 134.
7. Hori, M. 1926 *Studies on *Rhopalosiphum avenae* (Fabricius). Rept. Hokkaido Agr. Exp. Sta. 17: 1 - 49.
8. _____ 1926 *Studies on *Macrosiphum matsumuraenum* n. sp. Rept. Hokkaido Agr. Exp. Sta. 17: 51 - 83.
9. _____ 1927 Some new aphids from Hokkaido. Ins. Mats. 1(4): 188 - 201.
10. _____ 1929 Studies on the noteworthy species of plant-lice in Hokkaido. Rept. Hokkaido Agr. Exp. Sta. 23: 1 - 163 (in Japanese).
11. _____ 1929 Two new species of aphids parasitic on Poplar in Hokkaido. Trans. Sapporo Nat. Hist. Soc. 25(2): 109 - 115 (in Japanese).
12. _____ 1938 A revision of the species of the tribe Pemphigini occurring in Hokkaido and Saghalien. Ins. Mats. 12(2, 3): 109 - 130.
13. _____ 1938 Aphids infesting *Lonicera Morrowii* Asa Gray in Hokkaido, with description of a new species. Ins. Mats. 12(4): 160 - 165.
14. Inouye, M. 1936 Two new species of Aphididae from Hokkaido. Ins. Mats. 10(4): 128 - 134.
15. _____ 1936 Eine neue Chermes-art (Adelgiden) auf Hokkaido. Ins. Mats. 11(1, 2): 75 - 80.
16. _____ 1937 One new and two unrecorded species of Aphididae from Japan. Ins. Mats. 11(3): 100 - 105.
17. _____ 1938 On three aphids of Lachninae from Hokkaido and Saghalien. Ins. Mats. 12(2, 3): 74 - 80.
18. _____ 1938 Die Adelgiden, schädlich an ezofichten und akaezofichten in Japan. Ins. Mats. 12(4): 169 - 173.
19. _____ 1939 On eight conifer aphids occurring in Hokkaido. Ins. Mats. 13(4): 132 - 142.
20. _____ 1941 Beiträge zur kenntnis der koniferen-läuse, vorkommend im nördlichen teil Japans. Bull. Hokkaido For. Exp. Sta. 33: 4 - 36.
21. _____ 1953 Monographische studie über die Japanischen koniferen-gallenläuse (Adelgidae). Bull. Hokkaido For. Exp. Sta. 15: 1 - 91.
22. _____ 1956 Beiträge zur kenntnis der koniferen-läuse, vorkommend im nördlichen teil Japans. Hokkaido Branch Govt. Forest Exp. Sta. Special Rept. 5: 204 - 238.
23. _____ 1962 Studies on scientific names of larch-infesting aphids. Bull. Govt. Forest Exp. Sta. 139: 135 - 161.
24. _____ 1962 *On conifer aphids and their parasites. Nōyaku-no-Shimpo 8(4): 26 - 30.
25. _____ 1963 Eine neue Sacchiphantes-art von Adelgiden, schädlinge an Japanlärchen in Japan. Jour. Japan. Forestry Soc. 45(10): 340 - 344.
26. _____ 1963 On the monarch birch leaf aphid, *Mansakia betulina makabae* Inouye (new subspecies) in Japan. Technical Note 26: 16 - 20 (in Japanese).
27. Itō, Y. 1955 Notes on the host plants of three species of barley aphids. Jap. J. Ecol. 5(1): 10 - 14 (in Japanese).
28. _____ 1955 Host preference among barley aphids. Oyō-Dobutsugaku-Zasshi 20(4): 203 - 212 (in Japanese).
29. Kishida, K. 1924 *Description of a new genus and a new species of Phylloxeridae, with special references to its biology. Zool. Mag. 36: 472 - 474.
30. Kōno, H. 1940 *Notes on primary host plants of *Prociphilus orizens* Mordvilko. Oyō-Dōbutsugaku-Zasshi 12(3, 4): 149 - 150.
31. Kōno, H. & Inouye, M. 1938 Eine neue art von Aphididen, schädlich an Sachalintannen. Ins. Mats. 13(1): 41 - 43.
32. Kurisaki, M. 1920 *Studies on some aphids. Zool. Mag. 32: 377 - 388.
33. _____ 1920 A new species and the variation of the wing vein of Aphididae in Japan. Insect World 24(9): 297 - 301 (in Japanese).
34. _____ 1920 On the hosts of Aphididae in Japan. Insect World 24(10): 340 - 341 (in Japanese).
35. Matsumura, S. 1917 A list of the Aphididae of Japan, with description of new species and new genera. Jour. Coll. Agr., Tohoku Imp. Univ. Sapporo 7(6): 351 - 414.
36. _____ 1917 Synopsis of the Pemphigidae. Essays Nawa : 39 - 94.

37. _____ 1918 New Aphididae of Japan. Trans. Sapporo Nat. Hist. Soc. 7(1): 1 - 22.
38. _____ 1919 New species and genera of Callipterinae (Aphididae) of Japan. Trans. Sapporo Nat. Hist. Soc. 7(2): 99 - 115.
39. Maxson, A. C. & Knowlton, G. F. 1937 A new Japanese Prociphilus (Aphidae). Ann. Ent. Soc. Amer. 30(1): 24 - 25.
40. Miyazaki, M. 1966 Description of a new species of the genus Dactynotus Rafinesque from Japan and other notes. Ins. Mats. 29(1): 37 - 40.
41. _____ 1968 Two new species of the genus Aulacorthum Mordvilko from Japan. Ins. Mats. 30(2): 125 - 128.
42. _____ 1968 On three aphids of Rosa rugosa occurring in Japan with description of a new species. Kontyû 36(3): 274 - 284.
43. _____ 1968 A revision of the fern aphids of Japan with descriptions of three new species. Ins. Mats. 31(3): 13 - 24.
44. Monzen, K. 1923 *Notes on the woolly apple aphid, Schizoneura lanigera (Hausman). Morioka-Nôgei-kaihô 21: 1 - 20.
45. _____ 1926 The woolly apple aphid (Eriosoma lanigera Hausman) in Japan, with special reference to its life-history and the susceptibility of the host-plant. Internationaler Entomologen-Kongress 2: 249 - 275.
46. _____ 1927 New gall producing aphids at Morioka. Bull. Sci. Res. Alumni Asso. Morioka Coll. Agr. Forestry 4: 1 - 24 (in Japanese).
47. _____ 1927 *Studies on the resistibility of the woolly apple aphid, Eriosoma lanigerum (Hausman). Rept. Japan Asso. for Advance Sci. 3: 379 - 393.
48. _____ 1929 Studies on some gall producing aphids and their galls. Saito Ho-on Kai Monog. 1: 1 - 80.
49. _____ 1929 *Studies on insect galls. Ann. Rept. Saito Ho-on Kai 5: 299 - 368.
50. _____ 1930 *Studies on insect galls. Ann. Rept. Saito Ho-on Kai 6: 270 - 288.
51. _____ 1934 Some contributions to the knowledges of the new and recorded species of the gall producing aphids. Bull. Sci. Res. Alumni Asso. Morioka Coll. Agr. Forestry 9: 13 - 34.
52. _____ 1954 Revision of some Japanese Hormaphidinae (Aphididae), with the descriptions of new genus and species. Ann. Rept. Gakugei Fac. Iwate Univ. 7(2): 46 - 60.
53. Moritsu, M. 1944 An unknown host-plant of the grain aphid, Macrosiphum granarium (Kirby). Mushi 16(2): 5 - 6.
54. _____ 1945 Notes on strawberry aphids in Japan. Mushi 16(3): 7 - 10 (in Japanese).
55. _____ 1946 *Notes on Shinjia pteridifoliae Shinji. Matsumushi 1(2): 94 - 96.
56. _____ 1947 Four gall-forming aphids on cherry trees in Japan. Mushi 18(6): 39 - 48.
57. _____ 1948 Injurious aphids in Japan. 1. Aphids of Potatoes. Mushi 18(11): 67 - 75 (in Japanese).
58. _____ 1948 The genus Megoura Buckton in Japan, with a note on the variation of the external characters in Megoura viciae japonica (Matsumura). Mushi 18(13): 83 - 88.
59. _____ 1949 Descriptions of two new or a little known species of root-aphids from Japan. Ins. Mats. 17(1): 11 - 16.
60. _____ 1949 The genus Macrosiphoniella del Guercio in Japan. Mushi 19(11): 53 - 63.
61. _____ 1950 Notes on two Elaeagnus-aphids in Japan. Bull. Fac. Agr. Yamaguchi Univ. 1: 1-6.
62. _____ 1950 *Notes on Aulacorthum pelargonii (Kalt.) and A. solani (Kalt.). Bull. Fac. Agr. Yamaguchi Univ. 1: 7 - 10.
63. _____ 1952 The fern aphids in Japan. Bull. Fac. Agr. Yamaguchi Univ. 2: 26 - 28.
64. _____ 1953 Some interesting aphids living upon the Quercus. Bull. Fac. Agr. Yamaguchi Univ. 4: 1 - 12.
65. _____ 1954 Food-plant list of injurious Japanese aphids in East Asia. Bull. Fac. Agr. Yamaguchi Univ. 5: 135 - 148.
66. _____ 1954 Observations on the seasonal abundance of Aphis gossypii Glover on egg-plants in Japan. Mushi 27(9): 59 - 68.
67. _____ 1955 A little known species of aphid from Japan. Bull. Fac. Agr. Yamaguchi Univ. 6:

75 - 80.

68. _____ 1956 Notes on the galls of cherry aphids. Bull. Fac. Agr. Yamaguchi Univ. 7: 293 - 294.
69. _____ 1957 The genus *Matsumuraja* Schumacher in Japan, with a description of the Stem-mother of *M. rubifoliae* (Takahashi). Bull. Fac. Agr. Yamaguchi Univ. 8: 633 - 636.
70. _____ 1958 Aphididae of Mt. Hikosan, Kyushu. Mushi 31(10): 79 - 86.
71. _____ 1958 An unknown species of bulb aphid from Japan. Bull. Fac. Agr. Yamaguchi Univ. 9: 923 - 926.
72. _____ 1959 The observations on the oviposition of some aphids. Bull. Fac. Agr. Yamaguchi Univ. 10: 1219 - 1224 (in Japanese).
73. _____ 1960 Bisexual forms of the strawberry aphid, *Aphis forbesi* Weed. Bull. Fac. Agr. Yamaguchi Univ. 11: 35 - 38.
74. _____ 1965 The citrus aphids in Japan. Bull. Fac. Agr. Yamaguchi Univ. 16: 623 - 633.
75. Okajima, G. 1908 Contributions to the study of Japanese Aphididae. Bull. Coll. Agr., Tokyo Imp. Univ. 8(1): 1 - 8.
76. Pergande, T. 1909 Description of two new genera and three new species of Aphididae. Ent. News 17: 205 - 210.
77. Sakai, S. 1949 *Study on the relation between soy bean varieties and multiplication of soybean aphids. *Oyô-Kontyû* 5(3): 125 - 126.
78. Sasaki, C. 1899 *The insect pests of crops in Japan. Tokyo, 1 - 520 pp.
79. _____ 1904 *Description of a new species of *Tetraneura*, with special references to its biology. Zool. Mag. 16: 403 - 405.
80. Shibata, B. 1955 Ecological studies of plant lice (IX), with special reference to the ecological cycle. Bull. Coll. Agr. Utsunomiya Univ. 3(1): 1 - 8 (in Japanese).
81. Shibata, K. 1964 *A new primary host plant of *Myzus persicae* (Sulzer). *Kontyû* 32(3): 406.
82. Shinji, O. 1922 *New species of Japanese Aphididae. Zool. Mag. 34(405): 531 - 534.
83. _____ 1922 *New genera and species of Japanese Aphididae. Zool. Mag. 34(406): 729 - 732.
84. _____ 1922 *New genera and species of Japanese Aphididae. Zool. Mag. 34(407): 787 - 800.
85. _____ 1923 *New aphids from Saitama and Morioka. Zool. Mag. 35(417): 301 - 309.
86. _____ 1924 *New aphids from Morioka. Zool. Mag. 36(431): 343 - 372.
87. _____ 1926 *Description of a new species of *Thoracaphis*. Zool. Mag. 38(457): 359 - 361.
88. _____ 1927 Studies on the germ cells of aphids. Bull. Morioka Imp. Coll. Agr. Forestry 11: 1 - 121.
89. _____ 1928 *Three new aphids from Morioka. Zool. Mag. 40(474): 153 - 155.
90. _____ 1929 Four new genera of Aphididae from Morioka, Japan. *Lansania* 1(3): 39 - 48.
91. _____ 1930 *Notes on four new genera of Aphididae. Rept. Japan Asso. for Advance Sci. 5: 187 - 191.
92. _____ 1930 On two species of Japanese Aphididae. *Lansania* 2(12): 26 - 29.
93. _____ 1930 A new record of Aphididae for Japan. *Lansania* 2(13): 48.
94. _____ 1930 Another new genus of the family Aphididae. *Lansania* 2(15): 78 - 80.
95. _____ 1930 *Illinoia kerriae* new species of the family Aphididae. *Lansania* 2(19): 137 - 140.
96. _____ 1930 Some new aphids from north eastern Japan. *Lansania* 2(20): 151 - 160.
97. _____ 1930 *Myzus inuzakurae*, a new Aphidid. *Lansania* 2(19): 141 - 144.
98. _____ 1932 *Secondary host plants of some Japanese aphids with special references to the biology of *Anuraphis piriicola* Okamoto & Takahashi and descriptions of 2 new aphid genera. *Oyô-Dôbutsugaku-Zasshi* 4(3): 118 - 124.
99. _____ 1933 A new species of *Chromaphis* from the north-eastern region of Japan. *Kontyû* 7 (5, 6): 210 - 211 (in Japanese).
100. _____ 1933 A key for distinguishing the Japanese *Macrosiphoniella* with the descriptions of two new species. *Kontyû* 7(5, 6): 212 - 218 (in Japanese).
101. _____ 1933 Notes on the Japanese *Therioaphis* with the descriptions of new species. *Kontyû* 7(4): 162 - 166 (in Japanese).
102. _____ 1933 Notes on the Japanese *Yamatocallis* with the description of a new species. *Kontyû* 7(4): 158 - 161 (in Japanese).
103. _____ 1933 Notes on the Japanese *Phyllaphis*. *Kontyû* 7(4): 153 - 157 (in Japanese).

104. _____ 1933 *Three new species of Amphorophora. Zool. Mag. 45(538): 347 - 351.
105. _____ 1933 *A list of the Japanese species of Rhopalosiphoninus with references to their distribution. Zool. Mag. 45(538): 363 - 365.
106. _____ 1935 *A key for distinguishing the Japanese Agrioaphis with descriptions of three new species. Oyô-Dôbutsugaku-Zasshi 7(6): 281 - 287.
107. _____ 1935 *A key for distinguishing the Japanese Myzus with description of a new species. Kontyû 9(5): 233 - 238.
108. _____ 1935 *A key for distinguishing the Japanese Macrosiphum with description of a new species. Kontyû 9(5): 239 - 243.
109. _____ 1935 *A key for distinguishing the Japanese Acyrthosiphon with description of a new species. Kontyû 9(5): 249 - 253.
110. _____ 1935 *On the migration of a cherry aphid, Phorodon sakurae (Matsumura). Oyô-Dôbutsugaku-Zasshi 7(6): 291 - 293.
111. _____ 1935 *A list of Hemiptera from Iwate Prefecture. 1. Aphididae (part 1). Iwate Mushi-no-kai Kaihô 1(1): 7 - 16.
112. _____ 1935 *A key for distinguishing the Japanese Aphis with description of a new species. Zool. Mag. 47(565): 737 - 741.
113. _____ 1936 A new species of Eriosoma from Japan. Zool. Mag. 48(1): 13 - 14 (in Japanese).
114. _____ 1936 *A new species of Astegopteryx from Japan. Zool. Mag. 48(2): 45 - 48.
115. _____ 1938 A new Myzus from north-eastern Japan. Zool. Mag. 50(2): 108 - 110.
116. _____ 1939 A new species of Japanese Macrosiphum. Kontyû Kenkyû 3(1): 1 - 3 (in Japanese).
117. _____ 1939 A list of Japanese Amphorophora with the descriptions of two new species. Kontyû Kenkyû 3(1): 12 - 17 (in Japanese).
118. _____ 1939 Two new species of Japanese Aphididae. Kontyû 13(1): 39 - 41.
119. _____ 1941 Monograph of Japanese Aphididae. Tokyo, 1 - 1215 pp. (in Japanese).
120. _____ 1942 A new species of Macrosiphoniella from Tokyo, Japan. Insect World 46(11): 322-324 (in Japanese).
121. _____ 1942 3 new species of Macrosiphum from Tokyo. Insect World 46(9): 258 - 262 (in Japanese).
122. _____ 1942 A new genus and species of Aphididae. Insect World 46(8): 228 - 230 (in Japanese).
123. _____ 1942 *On a new species of Hyadaphis (Hemipt.) from Japan. Insect World 46(10): 290 - 292.
124. _____ 1943 *Description of a new species of Phylloxera. Insect World 47(1): 2 - 3.
125. _____ 1943 A new Myzus (Hemipt.) from Karuizawa, Japan. Insect World 47(2): 34 - 35 (in Japanese).
126. _____ 1943 A new species of Prociphilus (Hemipt.) from Japan. Insect World 47(3): 64 - 65 (in Japanese).
127. _____ 1944 *Insect galls and gall insects. Tokyo, 1 - 580 pp.
128. Sorin, M. 1958 Life cycles of 2 aphids causing galls on Distylium racemosum. Akitu 7: 89 - 92 (in Japanese).
129. _____ 1958 *Notes on Myzus persicae (Sulzer) on primary host plants. Kansai Byôchûgai-kenkyû Kaihô 1: 54 - 60.
130. _____ 1959 *Some observations on the biology of Myzus persicae (Sulzer). Kansai Byôchûgai-kenkyû Kaihô 2: 1 - 7.
131. _____ 1960 Life history of the aphid, Paratrachosiphum tattakanum Takahashi. Akitu 9: 13-16 (in Japanese).
132. _____ 1960 Life cycles of two aphids causing galls on Distylium racemosum. Ins. Ecol. 8(3): 105 - 110 (in Japanese).
133. _____ 1960 Insertion of stylets of aphids and plant tissues. Jap. J. appl. Ent. Zool. 4(1): 38 - 44 (in Japanese).
134. _____ 1961 On the immature stages of Atarsaphis quercus Takahashi. Akitu 10: 15 - 19 (in Japanese).
135. _____ 1961 Some observations on the bionomics of Aphis craccivora Koch. Kenkyû-to-Shiryô 7: 1 - 9 (in Japanese).

136. _____ 1961 The mouth parts of *Aphis craccivora* Koch and the penetration of stylets into host plants. *Jap. J. app. Ent. Zool.* 5(4): 217 - 224 (in Japanese).
137. _____ 1962 Notes on the aphid, *Shinjia pteridifoliae* Shinji. *Kontyû* 30(1): 21 - 26 (in Japanese).
138. _____ 1962 Notes on the aphid, *Mindarus japonicus* Takahashi. *Kontyû* 30(2): 119 - 125 (in Japanese).
139. _____ 1962 The life history of *Melanaphis bambusae* (Fullaway), and the penetration of stylets into host plants. *Kontyû* 30(4): 221 - 229 (in Japanese).
140. _____ 1965 Three new species of the genus *Stomaphis* in Japan, with a redescription of *S. yanonis* Takahashi. *Bull. Univ. Osaka Pref. Ser. B*, 16: 81 - 88.
141. _____ 1967 A new species of *Staticobium* from the Loochoos. *Kontyû* 35(1): 14 - 16.
142. Suenaga, H. 1933 Eine neue gattung und art von Aphididen aus Japan. *Kontyû* 7(5, 6): 249 - 252.
143. _____ 1934 A new Akkaia (Aphididae) from Japan. *Trans. Kagoshima Imp. Coll. Agric. Forestry* 4(13): 11 - 13 (in Japanese).
144. _____ 1934 Die Greenideinen-blattläuse Japans (Hemipt., Aphididae). *Bull. Kagoshima Imp. Coll. Agric. Forestry, Dedicated to the twenty-fifth anniversary* 1: 789 - 804.
145. _____ 1937 *Notes on the rice root aphids. *Jap. Jour. Appl. Zool.* 9(3, 4): 150 - 152.
146. _____ 1943 *Aphids attacking potatoes. *Bot. and Zool.* 11(5): 379 - 382.
147. Takahashi, R. 1918 *Notes on three species of Aphididae. *Zool. Mag.* 30(359): 368 - 376.
148. _____ 1918 *Description of a new aphid producing the alate oviparous female in summer. *Zool. Mag.* 30(361): 458 - 461.
149. _____ 1919 *Studies on *Chaitophorinella* I - III. *Zool. Mag.* 31(370): 245 - 247; *Ibid.* 31(371): 273 - 278; *Ibid.* 31(372): 323 - 329.
150. _____ 1919 *On some subaquatic Aphididae, with description of one new genus and species. *Insect World* 23(12): 439 - 442.
151. _____ 1919 *Biology of six aphids. *Trans. Sapporo Nat. Hist. Soc.* 7: 194 - 201.
152. _____ 1919 Notes on some Japanese Aphididae. *Proc. Ent. Soc. Washington* 21: 173 - 176.
153. _____ 1920 A new genus and species of aphid from Japan (Hemiptera). *Canad. Ent.* 52: 19 - 20.
154. _____ 1920 Two new species of Aphididae from Japan. *Canad. Ent.* 52: 77 - 78.
155. _____ 1921 Japanese Aphididae I (published by the author). : 1 - 30 (in Japanese).
156. _____ 1923 The life cycle and the emergence of the alate form of aphids. *Zool. Mag.* 35: 217 - 225 (in Japanese).
157. _____ 1924 Some Aphididae from the far east. *Philippine J. Sci.* 24: 711 - 717.
158. _____ 1924 Aphididae of Formosa III. *Dept. Agr. Govt. Res. Inst. Formosa* 10: 1 - 121.
159. _____ 1926 The aphids of *Myzocallis* infesting bamboo. *Proc. Ent. Soc. Washington* 28: 159 - 162.
160. _____ 1930 *The rate of species to genera in aphids. *Zool. Mag.* 42(506): 474 - 478.
161. _____ 1930 Some Aphididae of Loochoo. *Trans. Nat. Hist. Soc. Formosa* 20(111): 317 - 327.
162. _____ 1930 List of the aphid genera proposed as new in recent years. *Proc. Ent. Soc. Washington* 32: 1 - 24.
163. _____ 1933 Some Aphididae from Tsushima. *Mushi* 6: 51 - 52.
164. _____ 1934 *Aphididae of the Oki islands. *Fukuoka Hakubutsugaku Zasshi* 1(3): 243 - 247.
165. _____ 1934 A new aphid of the genus *Astegopteryx* Karsch. *Mushi* 7: 68 - 73.
166. _____ 1935 *Aphididae of the Fukue islands. *Mushi* 8: 116.
167. _____ 1937 Some oriental Aphididae, 2. *Konowia* 16: 90 - 96.
168. _____ 1937 Aphididae of the Danjo islands. *Trans. Biogeographical Soc. Japan* 2(1): 31 (in Japanese).
169. _____ 1939 Some Aphididae from Hokkaido (Hemipt.). *Ins. Mats.* 13(4): 114 - 128.
170. _____ 1957 Two new genera and species of Aphididae from Japan. *Proc. R. ent. Soc. London* 26(7, 8): 107 - 112.
171. _____ 1958 Species of aphids causing galls on *Distylium racemosum* in Japan. *Akitu* 7(4): 87 - 88 (in Japanese).
172. _____ 1958 Three new genera of Aphididae from Japan (Homopt.). *Kontyû* 26(4): 181 - 186.

173. _____ 1958 On the aphids of *Ceratovacuna* in Japan (Aphid., Homopt.). *Kontyû* 26(4): 187 - 190.
174. _____ 1958 *Thoracaphis* and some related new genera of Japan (Aphid., Homopt.). *Ins. Mats.* 22(1, 2): 7 - 14.
175. _____ 1958 Two new genera of Aphididae from *Quercus* in Japan (Homopt.). *Bull. Univ. Osaka Pref. B.* 8: 1 - 7.
176. _____ 1959 On the aphid, *Matsumuraja rubifoliae* Takahashi (Homopt.: Aphid.). *Trans. Shikoku Ent. Soc.* 6(4): 55 - 58.
177. _____ 1959 *Nipponaphis* from the trees of Lauraceae in Japan (Aphid., Homopt.). *Akitu* 8(3): 47 - 49.
178. _____ 1959 Some aphids related to *Nipponaphis Pergande* in Japan (Homopt.). *Bull. Univ. Osaka Pref. B* 9: 1 - 8.
179. _____ 1960 Three new genera closely related to *Phyllaphis* in Japan. *Kontyû* 28(1): 10 - 15.
180. _____ 1960 Four new genera of Aphididae from Japan. *Kontyû* 28(4): 223 - 229.
181. _____ 1960 *Kurisakia* and *Aiceona* of Japan (Homopt., Aphid.). *Ins. Mats.* 23(1): 1 - 10.
182. _____ 1960 *Stomaphis* of Japan. *Bull. Univ. Osaka Pref. B* 10: 1 - 8.
183. _____ 1960 *Elatobium* of Japan (Aphid., Homopt.). *Akitu* 9(2): 37 - 39.
184. _____ 1961 Four new species of Callipterinae from Japan (Aphid., Homopt.). *Mushi* 35(2): 3 - 9.
185. _____ 1961 Three new genera and five new and little known species of Aphididae from Japan (Homopt.). *Kontyû* 29(4): 247 - 254.
186. _____ 1961 *Neochromaphis* of Japan (Aphid., Homopt.). *Akitu* 10(1, 2): 12 - 14.
187. _____ 1961 Some species of *Capitophorus* of Japan (Homopt.: Aphid.). *Trans. Shikoku Ent. Soc.* 7(1, 2): 1 - 4.
188. _____ 1961 A new genus and four new species of Aphidinae from Japan (Aphid., Homopt.). *Ins. Mats.* 24(2): 104 - 111.
189. _____ 1961 The aphid genus *Akkaia* of Japan (Homopt.). *Pub., Ent. Lab., Univ. Osaka Pref.* 6: 11 - 14.
190. _____ 1961 Three new genera of the subfamily Aphidinae from Japan (Aphid., Homopt.). *Bull. Univ. Osaka Pref. B* 11: 1 - 10.
191. _____ 1961 *Cavariella* of Japan. *Bull. Univ. Osaka Pref. B* 12: 1 - 11.
192. _____ 1962 Key to Japanese species of *Dactynotus*, with descriptions of four new species (Aphid., Homopt.). *Kontyû* 30(2): 73 - 81.
193. _____ 1962 Key to genera and species of Greenideini of Japan, with descriptions of a new genus and three species (Homopt.: Aphid.). *Trans. Shikoku Ent. Soc.* 7(3): 65 - 73.
194. _____ 1962 Aphids causing galls on *Distylium racemosum* in Japan, with descriptions of two new related species. *Bull. Univ. Osaka Pref. B* 13: 1 - 11.
195. _____ 1963 *Eumyzus*, *Paramyzus*, *Macromyzus*, *Sitomyzus*, *Micromyzus*, and *Micromyzodium* of Japan (Homopt.: Aphid.). *Ins. Mats.* 26(1): 55 - 63.
196. _____ 1963 Two new genera and five new or little known species of Aphididae from Japan (Homopt.). *Kontyû* 31(3): 159 - 168.
197. _____ 1964 *Macrosiphum* of Japan (Aphid.). *Kontyû* 32(3): 353 - 359.
198. _____ 1965 *Myzus* of Japan. *Mushi* 38(9): 43 - 78.
199. _____ 1965 Some species of *Aulacorthum* of Japan. *Ins. Mats.* 27(2): 99 - 113.
200. _____ 1965 Some new and little-known Aphididae from Japan. *Ins. Mats.* 28(1): 19 - 61.
201. _____ 1966 Descriptions of some new and little known species of Aphididae of Japan, with key to species. *Trans. Amer. Ent. Soc.* 92: 519 - 556.
202. Takahashi, R. & Moritsu, M. 1963 Key to Japanese species of *Macrosiphoniella*, with descriptions of four species from Japan and Formosa (Aphid., Homopt.). *Mushi* 37(1): 1 - 11.
203. Takahashi, R. & Sorin, M. 1957 Notes on the sexual forms of the aphid, *Paratrichosiphum kashicola* (Kurisaki). *Kontyû* 25(2): 53 - 55.
204. _____ 1958 Notes on the aphids of *Aleurodaphis* in Japan (Homopt.). *Akitu* 7(2): 31 - 32.
205. _____ 1959 Biology of the aphid, *Paratrichosiphum kashicola* (Kurisaki)

- (Aphid., Homopt.). *Ins. Ecol.* 7(3): 129 - 132 (in Japanese).
206. _____ 1961 *Biology of *Myzus persicae* (Sulzer) in Osaka. Osaka-fu Nōrin-bu Chikusan-ka Chōsa-kenkyū Hōkoku 2: 11 - 27.
207. _____ 1965 Matsumuraja of Japan (Aphid., Homopt.). *Bull. Univ. Osaka Pref.* B 17: 51 - 57.
208. Tanaka, T. 1957 Taxonomy and distribution of some subterranean aphids injurious to the upland-rice in Japan with description of a new species. *Botyu-Kagaku* 22: 168 - 176 (in Japanese).
209. _____ 1961 The rice root aphids, their ecology and control. *Spec. Bull. Coll. Agric. Utsunomiya Univ.* 10: 1 - 83 (in Japanese).
210. Tao, C. C. 1964 Some new and unrecorded aphids from Ryukyu islands. *Q. Jour. Taiwan Mus.* 17(3, 4): 227 - 236.
211. Uye, T. 1923 *New species of Japanese Aphididae. *Insect World* 27(1): 3 - 5.
212. _____ 1924 *Notes on three species of Pemphigidae from Kyushu. *Insect World* 28(1): 14 - 15; *Ibid.* 28(3): 92 - 94; *Ibid.* 28(4): 127 - 128.
213. _____ 1924 *New species of Aphididae and Pemphigidae. *Insect World* 28(12): 408 - 411.
214. _____ 1925 *The morphology and the life history of *Vesiculaphis caricis* (Fullaway). *Insect World* 29(8): 254 - 260.

Addendum

215. Miyazaki, M. 1968 A new species of the genus *Moritziella* Börner from Japan. *Kontyū* 36(4): 400 - 402.