



HOKKAIDO UNIVERSITY

Title	A TENTATIVE CATALOGUE OF HOST PLANTS OF APHIDOIDEA IN JAPAN
Author(s)	Higuchi, Hiromichi; Miyazaki, Masahisa
Citation	Insecta matsumurana. Supplement, 5, 1-66
Issue Date	1969-08
Doc URL	https://hdl.handle.net/2115/22230
Type	departmental bulletin paper
File Information	5_P1-66.pdf



A TENTATIVE CATALOGUE OF HOST PLANTS
OF APHIDOIDEA IN JAPAN

By HIROMICHI HIGUCHI and MASAHISA MIYAZAKI
Entomological Institute, Faculty of Agriculture
Hokkaido University, Sapporo

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).

We wish to express our sincere thanks to Prof. C. Watanabe of the Hokkaido University for his continuous direction and encouragement in the course of the present work. Thanks are also due to Dr. S. Takagi of the Hokkaido University for his kind help in various ways.

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.

	<u>BRYOPHYTA</u>		OSMUNDACEAE
Mosses			<u>Osmunda claytoniana</u> "Oni-zemmai"
	<i>Schlechtendalia chinensis</i> 80		<i>Micromyzus osmundae</i> 43, 195
	<u>TRACHEOPHYTA</u>		<u>Osmunda japonica</u> "Zemmai"
	<u>FILICINEAE</u>		<i>Utamphorophora filicis</i> 43
Ferns			PTERIDACEAE
	<i>Amphorophora ampullata</i> 104, 119		<u>Pteridium aquilinum</u> var. <u>latiusculum</u> "Warabi"
	<i>Chaitophorus shidae</i> 111		<i>Shinjia pteridifoliae</i> 43, 55, 90, 119, 133,
	<i>Macromyzus polypodicola</i> 43, 195, 210		137
	<i>Macromyzus woodwardiae</i> 180		ASPIDIACEAE
	<i>Micromyzodium polypodii</i> 43, 195		<u>Athyrium pycnosorum</u> "Miyama-shike-shida"

Amphorophora ampullata 43
 Micromyzus nikkoensis 43
Athyrium yokoscense "Hebi-no-negoza"
 Amphorophora ampullata 43
 Utamphorophora filicis 43
Dryopteris austriaca "Shirane-warabi"
 Amphorophora ampullata 37
 Utamphorophora filicis 43
Dryopteris crassirhizoma "O-shida"
 *Chaitophorus shidai 83
Dryopteris monticola "Miyama-beni-shida"
 Macromyzus woodwardiae 43
Dryopteris varia "Itachi-shidamodoki"
 Macromyzus woodwardiae 63
Lastrea quelpaertensis "Ôba-shorima"
 Amphorophora ampullata 43
 Amphorophora scabripes 43
Rumohra mutica "Shinobu-kaguma"
 Macromyzus woodwardiae 43
GYMNOSPERMAE
 TAXACEAE
Taxus cuspidata "Ichii"
 Elatobium momii 119
Taxus cuspidata var. nana "Kyara-boku"
 Elatobium momii 119
 PODOCARPACEAE
Podocarpus macrophyllus "Inu-maki"
 Neophyllaphis podocarpi 133
Podocarpus macrophyllus var. maki "Maki"
 Neophyllaphis podocarpi 82, 119
Podocarpus sp.
 Neophyllaphis podocarpi 161
 PINACEAE
Abies firma "Momi"
 Cinara abietis 24
 Cinara longipennis 24, 86, 111, 119
 Cinara todocola 20, 22, 24
 Cinara momii 84, 87, 119, 183
 Mindarus abietis 119
 Mindarus japonicus 138
Abies sachalinensis "Aka-todo-matsu"
 Aphrastasia pectinatae 21
 Cinara hattorii 20, 22, 31
 Cinara konoi 22
 Cinara longipennis 20, 22, 35
 Cinara todocola 15, 20, 22
 Hyalopterus abietinus 35
 Mindarus abietinus 36
 Mindarus japonicus 22
 Nippolachnus abietinus 35
 Prociphilus oriens 20, 22
 Todolachnus abietis 24, 35
 *Yamatocallis hirayamae 35
Abies sachalinensis var. mayriana "Ao-todo-matsu"
 Aphrastasia pectinatae 21

Cinara konoi 20
 Cinara longipennis 20
 Cinara todocola 20
 Dreyfusia todomatsui 21
 Mindarus japonicus 20
 Prociphilus oriens 20
 Todolachnus abietis 20
 Tuberolachnus todocolus 14
Abies sp.
 Cinara longipennis 24, 110, 118
 Cinara todocola 24
 Cinara todoe 111, 119
 Hyalopterus abietinus 119
 Mindarus abietis 119
 Nippolachnus abietinus 119
 Prociphilus bumeliae 119
 Prociphilus laricis 119
 Todolachnus abietis 24, 119
Larix europaea "Yôroppa-kara-matsu"
 Cinara laricicola 23, 24
Larix gmelini "Gui-matsu"
 Adelges laricis 21
 Cholodkovskya viridana 21
 Cinara laricicola 23, 24
 Cinara taeniata 20, 21
Larix leptolepis "Kara-matsu"
 Adelges laricis 21
 Cholodkovskya viridana 21, 96
 Cinara chibi 23, 24
 Cinara kochiana kochi 19, 20, 22, 23, 24
 Cinara laricicola 19, 23, 24, 35
 Cinara laricis 20, 22, 23, 24, 111, 119
 Cinara taeniata 20, 22
 Pemphigus niishimae 127
 Prociphilus bumeliae 119
 Prociphilus kuwanai 65, 98
 Prociphilus ushikoroshi 98
 Sacchiphantes kitamiensis 25
Larix olgensis var. koreana "Chôsen-kara-matsu"
 Adelges laricis 21
 Cholodkovskya viridana 21
 Cinara kochiana kochi 23, 24
 Cinara laricicola 23, 24
Larix sp.
 Cinara laricis 158
Picea canadensis "Kanada-tôhi"
 Aphrastasia pectinatae 15, 18, 21
 Cinara vanduzeei 16, 20, 22
 Lachniella costata 16, 20, 22
Picea excelsa "Yôroppa-tôhi"
 Cinara ezoana 20, 22
 Cinara vanduzeei 16, 20, 22
 Lachniella costata 20, 22
 Pineus konowashiyai 21
Picea glehni "Aka-ezo-matsu"

- Aphrastasia pectinatae 18, 21
Cinara ezoana 14, 20, 22
Cinara pinicola 16, 20, 22
Lachniella costata 20, 22
Pineus cembrae 21
Prociphilus konoi 12, 20, 22
Picea jezoensis "Ezo-matsu"
Adelges japonicus 18, 21
Aphrastasia pectinatae 21
Cinara ezoana 14, 20, 22
Cinara horii 17, 20, 22
Cinara vanduzeei 16, 20, 22
Elatobium momii 19, 20, 22
Lachniella costata 20, 22
Sacchiphantes karafutonis 21
Picea jezoensis var. hondoensis "Tōhi"
Chermes japonicus 48, 49, 127
Elatobium momii 119
Picea polita "Hari-momi"
Aphrastasia tsuga 21
Pineus orientalis 21
Picea sitchensis "Shitoka-hari-momi"
Adelges japonicus 18, 21
Aphrastasia pectinatae 15, 18, 21
Pinus densiflora "Aka-matsu"
Cinara formosana 19, 119
Cinara pini 19, 20, 22, 111
Cinara pinidensiflorae 3, 19, 20, 22, 111, 119
Eulachnus thunbergii 19, 20, 22, 111, 119
Lachnus longicorpi 83
Pineus matsumurai 64
Pineus orientalis 64
Schizolachnus orientalis 133
Stomaphis quercus pini 119, 182
Pinus koraiensis "Chōsen-goyō"
Pineus cembrae 21
Pineus hosoyai 21
Pinus luchuensis "Ryūkyū-matsu"
Cinara formosana 119, 161
Cinara pini 161
Eulachnus thunbergii 119
Schizolachnus orientalis 161
Pinus montana "Montana-matsu"
Eulachnus thunbergii 20, 22
Pinus parviflora "Hime-komatsu"
Cinara shinjii 17, 20, 22, 82, 111, 119
Pineus cembrae 21
Pineus harukawai 21
Pinus parviflora var. pentaphylla "Kita-goyō"
Pineus harukawai 21
Pinus pumila "Hai-matsu"
Cinara cembrae 20, 22
Eulachnus pumilae 19, 20, 22
Pineus cembrae 21
Pinus strobus "Sutorobu-matsu"
Pineus harukawai 21
Pinus thunbergii "Kuro-matsu"
Cinara pini 20, 22, 111, 119
Eulachnus thunbergii 119
Lachnus inflatus 83
Lachnus longicorpi 83
Pineus laevis 21
Pineus matsumurai 21
Pineus orientalis 21
Pineus pini 21
Pineus sylvestris 21
Pinus sp.
Eulachnus thunbergii 70
Pineus hosoyai 21
Schizolachnus orientalis 119
Tsuga sieboldii "Tsuga"
Mindarus abietis 119
Tsugaphis sorini 170
CUPRESSACEAE
Thuja orientalis "Konote-gashiwa"
Cinara tujafilina 210
Thuja standishi "Kurobe"
Cinara tujafilina 111
ANGIOSPERMAE
MONOCOTYLEDONEAE
ALISMATACEAE
Sagittaria trifolia "Omodaka"
Rhopalosiphum nymphaeae 127
Sagittaria trifolia var. edulis "Kuwai"
Rhopalosiphum nymphaeae 2, 10, 65, 119, 127
Sagittaria sp.
Rhopalosiphum nymphaeae 35
GRAMINEAE
Agropyron ciliare var. minus "Ao-kamoji-gusa"
Anoecia fulviabdominalis 209
Rhopalosiphum rufiabdominalis 208, 209
Tetraneura nigriabdominalis 209
Agropyron tsukushiense var. transiens "Kamoji-gusa"
Anoecia fulviabdominalis 208, 209
Geoica lucifuga 209
Rhopalosiphum padi 65
Rhopalosiphum rufiabdominalis 208, 209
Tetraneura nigriabdominalis 208, 209
Agrostis alba "Konuka-gusa"
Macrosiphum avenae akebiae 10, 65
Rhopalosiphum padi 7, 10, 65
Agrostis clavata var. nukabo "Nukabo"
Tetraneura nigriabdominalis 208, 209
Alopecurus aequalis "Suzume-no-teppō"
Anoecia fulviabdominalis 209
Macrosiphum avenae akebiae 27, 65
Rhopalosiphum padi 27
Rhopalosiphum rufiabdominalis 208, 209
Tetraneura nigriabdominalis 209

Alopecurus japonicus "Seto-gaya"
Tetraneura nigriabdominalis 208

Alopecurus sp.
Aphis craccivora 135

Andropogon sp.
Rhopalosiphum padi 35, 65

Arundinaria chino "Azuma-ne-zasa"
Takecallis arundicolens 3

Arundinaria pygmaea var. glabra "Ne-zasa"
Melanaphis bambusae 139

Arundinaria simonii "Me-dake"
Glyphinaphis bambusae 119, 142
Oregma qanici 212

Arundinaria sp.
Hyalopterus pruni 35
Melanaphis bambusae 161
Takecallis arundicolens 159
Takecallis arundinariae 159
Takecallis sasae 3

Avena sativa "Ma-karasu-mugi"
Anoecia fulviabdominalis 65
Macrosiphum avenae akebiae 10, 27, 65
Rhopalosiphum maidis 27
Rhopalosiphum padi 7, 10, 27

Avena sp.
Anoecia fulviabdominalis 36
Macrosiphum avenae akebiae 35
Rhopalosiphum padi 35

Bamboos
Ceratovacuna japonica 171
Melanaphis bambusae 139
Oregma uscae 210
Prociphilus bumeliae 119
Prociphilus take 119
Takecallis arundicolens 119, 159, 210
Takecallis arundinariae 3, 111, 159, 200

Bambusa sp.
Astegopteryx bambusifoliae 160
Ceratovacuna japonica 158
Melanaphis bambusae 70
Takecallis arundinariae 160
Takecallis taiwanus 159

Bromus sp.
Macrosiphum avenae akebiae 35, 65
Rhopalosiphum padi 35, 65

Calamagrostis arundinacea "No-gariyasu"
Watabura nishiyae 85

Coix lacryma-jobi var. ma-yuen "Hato-mugi"
Rhopalosiphum maidis 27

Cymbopogon tortilis "O-garukaya"
Pemphigus andropogiae 86
Watabura nishiyae 119

Cynodon dactylon "Gyōgi-shiba"
Tetraneura yezoensis 48

Dactylis glomerata "Kamo-gaya"
Macrosiphum avenae akebiae 10, 65
Rhopalosiphum padi 7, 10, 65
Tetraneura nigriabdominalis 209
Tetraneura ulmi 10, 65

Digitaria adscendens "Me-hi-shiba"
Anoecia fulviabdominalis 10, 65, 208, 209
Geoica lucifuga 209
Macrosiphum avenae akebiae 10, 27, 65
Rhopalosiphum maidis 27
Rhopalosiphum padi 10, 27, 65, 208, 209
Tetraneura nigriabdominalis 208, 209
Tetraneura yezoensis 47
Toxoptera mehijiwae 213

Digitaria violascens "Aki-me-hi-shiba"
Macrosiphum avenae akebiae 27

Dimeria ornithopoda var. tenera "Karimata-gaya"
Geoica lucifuga 209
Tetraneura nigriabdominalis 209

Eccoilopus cotulifer "Abura-susuki"
Macrosiphum yasumatsui 70, 197

Echinochloa crus-galli "Inu-bie"
Anoecia fulviabdominalis 10, 65, 208, 209
Rhopalosiphum padi 7, 10, 65
Rhopalosiphum rufiabdominalis 208, 209
Tetraneura nigriabdominalis 208, 209
Tetraneura yezoensis 10, 65

Echinochloa crus-galli var. frumentaceum "Hie"
Anoecia fulviabdominalis 10, 65, 119, 209
Rhopalosiphum maidis 65, 119
Rhopalosiphum padi 7, 10, 65, 119, 127
Rhopalosiphum rufiabdominalis 209
Tetraneura nigriabdominalis 209
Tetraneura yezoensis 10, 48, 65

Eleusine coracana "Shikoku-bie"
Rhopalosiphum padi 10, 65

Eleusine indica "O-hi-shiba"
Macrosiphum avenae akebiae 27
Rhopalosiphum maidis 27
Rhopalosiphum padi 27
Tetraneura nigriabdominalis 208, 209

Elymus sp.
Rhopalosiphum padi 35, 65

Eragrostis ferruginea "Kaze-kusa"
Tetraneura nigriabdominalis 208, 209

Eragrostis multicaulis "Niwa-hokori"
Macrosiphum avenae akebiae 27
Tetraneura nigriabdominalis 208, 209

Eragrostis sp.
Anoecia fulviabdominalis 36, 65

Holcus lanatus "Shirage-gaya"
Anoecia fulviabdominalis 65

Holcus sorghum var. japonicus "Morokoshi"
Prociphilus bumeliae 119
Rhopalosiphum maidis 27
Rhopalosiphum padi 10, 27, 65

Holcus sorghum var. transiens "Hōki-morokoshi"
 Rhopalosiphum padi 7

Hordeum vulgare "Ō-mugi"
 Anoecia fulviabdominalis 208, 209
 Macrosiphum avenae akebiae 10, 27, 28, 65, 71
 Paracletus cimiciformis 208, 209
 Rhopalosiphum maidis 27, 28, 65, 70
 Rhopalosiphum padi 2, 7, 10, 27, 28, 65
 Rhopalosiphum rufiabdominalis 208, 209
 Tetraneura nigriabdominalis 208, 209

Hordeum vulgare var. nudum "Hadaka-mugi"
 Macrosiphum avenae akebiae 65
 Rhopalosiphum padi 65, 70
 Schizaphis graminum (?) 65

Hordeum sp.
 Rhopalosiphum padi 35

Imperata cylindrica var. koenigii "Chigaya"
 Anoecia fulviabdominalis 208, 209
 Tetraneura nigriabdominalis 208, 209

Lolium temulentum "Doku-mugi"
 Anoecia fulviabdominalis 65

Lolium sp.
 Anoecia fulviabdominalis 36

Melica sp.
 Rhopalosiphum padi 35, 65

Microstegium vimineum var. polystachyum "Ashi-boso"
 Astegopteryx styracophila 80
 Ceratovacuna nekoashi 133
 Macrosiphum avenae akebiae 65
 Macrosiphum pollinae 86

Miscanthus sinensis "Susuki"
 Anoecia fulviabdominalis 208, 209
 Ceratovacuna lanigera 119, 133
 Longiunguis sacchari 65, 119
 Macrosiphum avenae akebiae 65
 Oregma lanigera 212
 Rhopalosiphum maidis 65, 119
 Semiaphis montana 119

Miscanthus sp.
 Ceratovacuna lanigera 173
 Longiunguis sacchari 70, 161

Oplismenus undulatifolius "Chijimi-zasa"
 Ceratovacuna nekoashi 82, 119
 Macrosiphum avenae akebiae 27

Oplismenus sp.
 Ceratovacuna nekoashi 173

Oryza sativa "Ine"
 Anoecia fulviabdominalis 10, 65, 78, 145, 208, 209
 Geoica lucifuga 209
 Macrosiphum avenae akebiae 2, 10, 27, 65, 119
 Paracletus cimiciformis 208, 209
 Rhopalosiphum padi 5, 10, 65, 119, 127, 133, 145
 Rhopalosiphum rufiabdominalis 35, 78, 208, 209

Tetraneura nigriabdominalis 78, 208, 209
 Tetraneura ulmi 65, 145

Oryza sp.
 Anoecia fulviabdominalis 36
 Macrosiphum avenae akebiae 35

Panicum miliaceum "Kibi"
 Prociphilus bumeliae 119
 Rhopalosiphum padi 10, 65

Panicum sp.
 Anoecia fulviabdominalis 36, 65
 Kaltenbachiella nirecola 36
 Rhopalosiphum padi 35, 65

Paspalum thunbergii "Suzume-no-hie"
 Macrosiphum avenae akebiae 65

Pennisetum alopecuroides "Chikara-shiba"
 Rhopalosiphum padi 65
 Rhopalosiphum rufiabdominalis 208, 209
 Tetraneura nigriabdominalis 208, 209

Phleum pratense "Ō-awagaeri"
 Macrosiphum avenae akebiae 10, 65
 Rhopalosiphum padi 7, 10, 65
 Tetraneura nigriabdominalis 208, 209

Phragmites communis "Yoshi"
 Hyalopterus pruni 10, 32, 65, 97, 119, 126, 151

Phragmites sp.
 Schizaphis graminum 210

Phyllostachys sp.
 Takecallis arundicolens 3
 Takecallis sasae 3

Poa annua "Suzume-no-katabira"
 Macrosiphum avenae akebiae 27
 Rhopalosiphum maidis 27
 Rhopalosiphum padi 27

Poa pratensis "Nagaha-gusa"
 Paracletus cimiciformis 209
 Rhopalosiphum padi 7, 10, 65

Poa sp.
 Aphis craccivora 135
 Rhopalosiphum padi 35, 65

Saccharum officinarum "Satō-kibi"
 Ceratovacuna lanigera 119, 159
 Geoica lucifuga 209

Sasa nipponica "Miyako-zasa"
 Takecallis arundicolens 3
 Takecallis sasae 3

Sasa ramosa "Azuma-zasa"
 Colopha moriokaensis 48
 Oregma sasae 46
 Takecallis arundicolens 3

Sasa senanensis "Kumai-zasa"
 Takecallis arundicolens 3, 35
 Takecallis sasae 3, 35
 Yezabura sasae 35
 Yezaphis sasicola 35

Sasa veitchii "Kuma-zasa"
Colopha moriokensis 48
Watabura nishiyae 98, 119

Sasa sp.
Melanaphis bambusae 70
Prociphilus take 82
Takecallis arundicolens 159
Takecallis sasae 106, 111, 119, 159, 169
Takecallis taiwanus 3

Secale cereale "Rai-mugi"
Macrosiphum avenae akebiae 10, 27, 65
Rhopalosiphum padi 7, 10, 27, 65

Secale sp.
Macrosiphum avenae akebiae 35

Setaria glauca "Kin-enokoro-gusa"
Anoecia fulviabdominalis 209
Rhopalosiphum rufiabdominalis 209
Tetraneura nigriabdominalis 208, 209

Setaria italica "Awa"
Rhopalosiphum maidis 65, 119
Rhopalosiphum padi 65, 119, 127
Tetraneura nigriabdominalis 209
Tetraneura yezoensis 48

Setaria italica var. germanica "Ko-awa"
Rhopalosiphum padi 10, 65

Setaria viridis "Enokoro-gusa"
Anoecia fulviabdominalis 209
Rhopalosiphum maidis 27
Rhopalosiphum padi 7, 10, 65
Rhopalosiphum rufiabdominalis 209
Tetraneura nigriabdominalis 208, 209
Tetraneura yezoensis 10, 48, 65

Setaria sp.
Anoecia fulviabdominalis 36, 65
Kaltenbachiella nirecola 36

Triticum aestivum "Ko-mugi"
Anoecia fulviabdominalis 65, 209
Macrosiphum avenae akebiae 2, 10, 27, 28, 65, 119
Rhopalosiphum padi 7, 10, 27, 28, 119, 127
Rhopalosiphum rufiabdominalis 209
Schizaphis graminum (?) 65
Tetraneura nigriabdominalis 209

Triticum sp.
Anoecia fulviabdominalis 36, 208
Kaltenbachiella nirecola 36
Macrosiphum avenae akebiae 35
Rhopalosiphum padi 35
Rhopalosiphum rufiabdominalis 208
Tetraneura nigriabdominalis 208

Zea mays "Tō-morokoshi"
Macrosiphum avenae akebiae 27
Rhopalosiphum maidis 27, 65, 164
Rhopalosiphum padi 7, 10, 65, 119, 127
Tetraneura yezoensis 48

Zoysia japonica "Shiba"
Geoica lucifuga 209
Tetraneura nigriabdominalis 208, 209

A plant of Gramineae
Colopha graminis 161
Macrosiphum avenae akebiae 197
Rhopalosiphum padi 98
Tetraneura yezoensis 98
Watabura nishiyae 98

CYPERACEAE
Carex morrowii "Kan-suge"
Eriosoma kansugei 213

Carex sp.
Macrosiphum avenae akebiae 27
Rhopalosiphum maidis 27
Rhopalosiphum padi 27
Rhopalosiphum rufiabdominalis 209

Cyperus microiria "Kayatsuri-gusa"
Rhopalosiphum rufiabdominalis 209

Cyperus monophyllus "Shichi-tō"
Vesiculaphis caricis 65, 211

Scirpus tabernaemontani "Futo-i"
Rhopalosiphum nymphaeae 119

A plant of Cyperaceae
Rhopalosiphum brachytarsus 188

PALMAE
Trachycarpus fortunei "Shuro"
Sinomegoura citricola 58, 65

ARACEAE
Acorus calamus "Shōbu"
Schizaphis scirpi 65, 84, 119, 167

Colocasia antiquorum var. esculenta "Sato-imo"
Aphis gossypii 35, 57, 65, 80, 119, 127, 157
Myzus persicae 65, 119

Colocasia sp.
Aphis gossypii 66

COMMELINACEAE
Commelina communis "Tsuyu-kusa"
Aphis commelinae 84
Aphis gossypii 65, 119
Cerosipha commelinae 86

JUNCACEAE
Juncus effusus var. decipiens "I"
Rhopalosiphum nymphaeae 10, 65

Juncus sp.
Juncomyzus obscurus 4

STEMONACEAE
Croomia heterosepala "Nabe-wari"
Aphis spiraeicola 65, 84

LILIACEAE
Allium cepa "Tama-negi"
Rhopalosiphum padi 7, 10, 65

Allium fistulosum "Negi"
Neotoxoptera formosana 65, 70, 119, 158

Allium grayi "No-biru"

Neotoxoptera formosana 65, 119
Allium tuberosum "Nira"
 Neotoxoptera formosana 65, 119
Hemerocallis aurantiaca "Wasure-gusa"
 Indomegoura indica 105, 119
Hemerocallis middendorffii "Ezo-zentei-ka"
 Indomegoura indica 37
Hemerocallis sp.
 Indomegoura indica 158
 Myzus hemerocallis 198
Hyacinthus orientalis 'Hyacinth'
 Myzus persicae 57, 65
Hyacinthus sp.
 Myzus persicae 35
Lilium auratum "Yama-yuri"
 Amphorophora lilicola 119
Lilium lancifolium "Oni-yuri"
 Amphorophora lilicola 119
 Aphis gossypii 65, 70
Lilium leichtlinii var. tigrinum "Ko-oni-yuri"
 Aulacorthum solani 8, 10, 62, 65
 Ovatus menthae 65
Lilium speciosum "Kanoko-yuri"
 Aulacorthum magnoliae 80
Lilium sp.
 Aphis gossypii 57, 65, 161
 Aphis rumicis 65
 Macrosiphum lili 35
Smilax china "Sarutori-ibara"
 Aphis gossypii 2, 57, 65
 Aphis smilacifoliae 119, 201
 Impatientinum impatiens 119, 158, 200
 Macrosiphum smilacifoliae 197
 Rhopalosiphum smilacis 37
Smilax nipponica "Tachi-shiode"
 Aulacorthum smilacis 200
Smilax sp.
 Sinomegoura citricola 161
Tulipa gesneriana 'Tulip'
 Macrosiphum avenae akebiae 197
 Macrosiphum euphorbiae 197
 Myzus persicae 57, 65
Tulipa sp.
 Myzus persicae 35
Veratrum sp.
 Aphis veratri takagii 201
 Hyadaphis veratri 123
 AMARYLLIDACEAE
Lycoris sanguinea "Kitsune-no-kamisori"
 Neotoxoptera formosana 158
Narcissus sp.
 Myzus persicae 35, 57, 65
 DIOSCOREACEAE
Dioscorea japonica "Yama-no-imo"
 Aulacorthum magnoliae 80, 147, 152

Macrosiphum avenae akebiae 119
Dioscorea sp.
 Aulacorthum magnoliae 199
 IRIDACEAE
Belamcanda chinensis "Hi-8gi"
 Dysaphis tulipae 65
Belamcanda sp.
 Dysaphis tulipae 70
Crocus sativus 'Saffron'
 Myzus persicae 57, 65
Crocus sp.
 Myzus persicae 35
Gladiolus gandavensis 'Gladiolus'
 Macrosiphum avenae akebiae 197
Iris sp.
 Dysaphis tulipae 70
 MUSACEAE
Musa sp.
 Pentalonia nigronervosa 161
 ORCHIDACEAE
Bletilla striata "Shi-ran"
 Aulacorthum magnoliae 80
Listera sp.
 Sinomegoura citricola 58
 DICOTYLEDONEAE
 CHORIPETALAE
 SALICACEAE
Populus alba "Gin-doro"
 Chaitophorus populi 111, 119
 Pterocomma yezoensis 11
Populus balsamifera
 Chaitophorus matsumurai 14
 Chaitophorus populi 35
 Pemphigus dorocola 36
 Pemphigus niishimae 36
Populus maximowiczii "Doro-no-ki"
 Chaitophorus populi 111, 119
 Chaitophorus populisieboidi 111
 Doraphis populi 11, 119
 Melanoxantherium salijaponica 119
 Pemphigus dorocola 12, 48, 49, 119, 127
 Pemphigus matsumurai 12, 46, 48, 49
 Pemphigus niishimae 12, 48, 49, 119, 127
 Pterocomma yezoensis 11
 Thecabius latisensoria 12
 Thoracaphis dorocola 119
Populus monilifera "Amerika-yamanarashi"
 Pterocomma yezoensis 11
Populus nigra var. italica "Seiyō-hako-yanagi"
 Chaitophorus populi 119
 Pterocomma yezoensis 11
Populus sieboldii "Yama-narashi"
 Chaitophorus coreanus 111, 119
 Chaitophorus dorocolus 38
 Chaitophorus dorofoliae 111

- Chaitophorus populi 111, 119
 Chaitophorus populisieboidi 38, 119
 Chaitophorus yamanarashi 119, 127
 Chaitophorus yomefuri 111, 119
 Doraphis populi 86, 119, 127
 Thoracaphis yamanarashii 119
- Populus sp.
 Doraphis populi 169
- Salix babylonica "Shidare-yanagi"
 Cavariella salicicola 35
 Chaitophorus saliapterous 111
 Melanoxantherium salijaponica 119
 Tuberculachnus salignus 35, 119
- Salix bakko "Bakko-yanagi"
 Chaitophorus matsumurai 35
 Prociphilus oriens 30
- Salix gracilistyla "Neko-yanagi"
 Melanoxantherium salijaponica 119
 Tuberculachnus salignus 119
- Salix integra "Inu-kori-yanagi"
 Chaitophorus salicicolus 88
 Chaitophorus salijaponica 157
- Salix kinuyanagi "Kinu-yanagi"
 Chaitophorus saliapterous 119
- Salix koriyanagi "Kori-yanagi"
 Chaitophorus saliapterous 86, 111, 119
 Chaitophorus salijaponica 2
 Melanoxantherium salijaponica 119
 Tuberculachnus salignus 119
- Salix rorida "Ezo-yanagi"
 Aphis farinosa yanagicola 35
- Salix sachalinensis "Onoe-yanagi"
 Chaitophorus horii 169
 Prociphilus oriens 30
- Salix sieboldiana "Yama-yanagi"
 Chaitophorus matsumurai 88
- Salix yezoalpina "Maru-ba-yanagi"
 Tuberculachnus salignus 119
- Salix sp.
 Aphis farinosa yanagicola 119, 201
 Aphis gossypii 57, 65
 Cavariella aegopodii 191
 Cavariella araliae 191
 Cavariella bicaudata 2, 10, 65
 Cavariella hidaensis 191
 Cavariella japonica 191
 Cavariella konoi 191
 Cavariella nipponica 191
 Cavariella salicicola 65, 119, 191
 Cavariella takahashii 4
 Chaitophorus chinensis 133, 163
 Chaitophorus matsumurai 86, 111, 119
 Melanoxantherium salijaponica 86, 88
 Pterocomma konoi 169
 Tuberculachnus salignus 57, 65
- Toisus urbaniana "Ôba-yanagi"
 Pemphigus yanagi 89
- JUGLANDACEAE
Juglans ailanthifolia "Oni-gurumi"
 Dasyaphis onigurumi 98, 119, 127
 Kurisakia onigurumi 85, 86, 157
- Juglans sp.
 Dasyaphis onigurumi 133
 Kurisakia onigurumi 181
- Pterocarya rhoifolia "Sawa-gurumi"
 Kurisakia onigurumi 46, 111, 119, 127
 Prociphilus oriens 30
- BETULACEAE
Alnus firma "Yasha-bushi"
 Glyphina schrankiana 111, 119
 Myzocallis alnifoliae 111
 Reticallis alnijaponica 106, 111, 119
 Reticallis nigrostriata 119, 200
 Symydobius kabae 119
- Alnus hirsuta "Ke-yama-hannoki"
 Stomaphis alni 140
- Alnus hirsuta var. sibirica "Yama-hannoki"
 Calaphis alnicola 111, 119
 Euceraphis japonica 2
 Myzocallis alnicola 86
 Myzocallis alnifoliae 86, 119
 Reticallis alnijaponica 111, 119
 Symydobius kabae 119
- Alnus japonica "Hannoki"
 Betacallis alnicolens 38
 Calaphis alnicola 38, 111
 Glyphina alni 111
 Reticallis alnijaponica 38, 200
 Reticallis nigrostriata 200
 Symydobius alniaria 35
- Alnus matsumurae "Yahazu-hannoki"
 Boerneria alni 184
 Calaphis alnicola 35
- Alnus serrulatoides "Kawara-hannoki"
 Sappocallis alnifoliae 83
- Betula ermanii "Dake-kamba"
 Hamamelistes gibberi 52
 Mansakia shirakabae 51
- Betula grossa "Yoguso-minebari"
 Hamamelistes gibberi 52
- Betula maximowicziana "Udai-kamba"
 Hamamelistes cristafoliae 52
 Mansakia betulina makabae 26
- Betula platyphylla var. japonica "Shira-kamba"
 Euceraphis punctipennis 119, 169
 Glyphina betulae 36
 Glyphina schrankiana 111, 119
 Hormaphidula betulae 119
 Mansakia betulina 119, 127
 Mansakia shirakabae 46, 48, 49, 51

- Mimocallis betulijaponicae 38
 Nippolachnus piri 65
 Stomaphis takahashii 140
 Symydobius kabae 35, 119
 Thoracaphis betulaefoliae 86
- Betula sp.
 Betacallis odaiensis 184
 Betulaphis japonica 184
 Calaphis annulata 200
 Chaitophorus populi 86
 Euceraphis betulifoliae 83
 Euceraphis punctipennis 88, 111
 Eulachnus betulae 86
 Nippolachnus piri 119
 Symydobius kabae 111
- Carpinus cordata "Sawa-shiba"
 Myzocallis coryli 119
 Myzocallis corylicola 111
 Myzocallis sawashibae 35
 Neocallis carpinicola 38
- Carpinus japonica "Kuma-shide"
 Neochromaphis carpinicola 111, 155
- Carpinus laxiflora "Aka-shide"
 Neochromaphis carpinicola 111, 119
- Carpinus tschonoskii "Inu-shide"
 Neochromaphis carpinicola 119, 155
 Stomaphis carpini 140
- Carpinus sp.
 Greenidea carpini 196
 Neochromaphis carpinicola 158, 186
 Neochromaphis coryli 186
- Corylus heterophylla var. thunbergii "Hashibami"
 Macrosiphum corylicola 119, 127
 Myzocallis corylicola 119
 Tinocallis hashibamii 106
- Corylus sieboldiana "Tsuno-hashibami"
 Macrosiphum corylicola 119
 Myzocallis coryli 119
 Myzocallis corylicola 111, 119
 Neochromaphis coryli 186
 Tinocallis hashibamii 106
- FAGACEAE
- Castanea crenata "Kuri"
 Aulacorthum magnoliae 80
 Greenidea kuwanai 38
 Lachnus tropicalis 32, 35, 65, 111, 119
 Macrosiphum kuricola 35
 Moritzziella castaneivora 215 111, 119
 Nippocallis kuricola 2, 10, 35, 65, 70, 88,
 Nippolachnus piri 65
- Castanopsis cuspidata "Shii"
 Allotrichosiphum kashicola 144
 Eutrichosiphum lithocarpi 119
 Eutrichosiphum pasaniae 2, 35, 75, 144
 Eutrichosiphum shiicola 197
- Eutrichosiphum sinense 193
 Greenidea kuwanai 32
 Greenidea okajimai 119, 144
 Lachnus tropicalis 2, 65, 119
 Lithoaphis shiiae 178
 Metanipponaphis cuspidatae 2, 52, 132
 Metanipponaphis shiicola 178
 Mollitrichosiphum tenuicarpus 35, 75, 119, 144
 Neonipponaphis shiiae 194
 Nipponaphis distylicola 119
 Reticulaphis shiiae 174
- Castanopsis sp.
 Eutrichosiphum lithocarpi 161
 Metanipponaphis cuspidatae 194
 Metanipponaphis rotunda 178
- Fagus crenata "Buna"
 Mesocallis fagicola 38
 Phyllaphis fagi 49, 70, 103, 111, 119, 127
 Platyaphis fagi 133, 170
- Fagus japonica "Inu-buna"
 Phyllaphis fagi 49
- Fagus silvestri
 Phyllaphis fagi 49
- Fagus sp.
 Phyllaphis fagi 167
 Phyllaphis fagifoliae 151, 167
- Pasania edulis "Mateba-shii"
 Greenidea kuwanai 144
 Lachnus roboris 67
- Pasania glabra "Shiribuka-gashi"
 Greenidea kuwanai 144
- Pasania sp.
 Dermaphis japonensis 119
- Quercus acuta "Aka-gashi"
 Allotrichosiphum pasaniae 33, 193, 203
 Eutrichosiphum pasaniae 35, 75
 Greenidea kuwanai 35, 38, 75
 Lachnus tropicalis 32, 65
 Nipponaphis distylicola 194
 Xenothoracaphis kashifolia 212
- Quercus acutissima "Kunugi"
 Cervaphis quercus 82, 119
 Diphyllaphis konarae 127, 179
 Greenidea kuwanai 2, 32
 Greenidea nipponica 119, 144
 Kurisakia onigurumi querciphila 181
 Lachnus tropicalis 2, 32, 65, 111, 119
 Nippocallis kuricola 2
 Nipponaphis distylicola 194
 Nymphaphis quercus 179
 Paratrichosiphum tattakanum 131
 Stomaphis quercus japonica 182
 Tuberculatus capitatus 2, 64, 70, 119
 Tuberculatus quercicolus 111, 119
 Tuberculatus stigmatus 111

- Tuberculoides kunugi 86, 111
- Quercus dentata "Kashiwa"
 Callaphis quercicola 38
 Diphyllaphis konarae 127
 Eutrichosiphum shiicola 193
 Greenidea kuwanai 32
 Lachnus roboris 158
 Lachnus tropicalis 2, 32, 65
 Neothoracaphis yanonis 128, 175, 194
 Tuberculatus capitatus 119
 Tuberculatus kashiwae 35, 88, 111, 119
 Tuberculatus quercicolus 2, 65, 119
 Tuberculatus querciformosanus 157
 Tuberculatus stigmatus 64, 70
 Tuberculoides fulviabdominalis 119
 Tuberculoides fulvicola 111
 Tuberculoides naganoe 111, 119
 Tuberculoides naracola 111
- Quercus dentata var. grandifolia "Ô-gashiwa"
 Tuberculatus stigmatus 35
- Quercus gilva "Ichii-gashi"
 Lachnus roboris 67
 Quernaphis tuberculata 172
- Quercus glauca "Ara-kashi"
 Allothoracaphis kashicola 144, 193, 203
 Allothoracaphis piyananensis 174
 Dermaphis japonensis 119, 174
 Greenidea kuwanai 144
 Kurisakia onigurumi querciphila 181
 Lachnus roboris 67
 Microthoracaphis saramaoensis 175
 Mollitrichosiphum nigrofasciatum 144
 Mollitrichosiphum nigrofasciatum glaucae 193
 Nipponaphis distyliicola 132, 194
 Nipponaphis gigantea 128
 Nipponaphis monzeni 128, 132, 133, 194
 Parathoracaphis setigera 174
 Paratrachosiphum tattakanum 131
 Xenothoracaphis kashifolia 133, 172
- Quercus mongolica var. grosseserrata "Mizu-nara"
 Diphyllaphis konarae 111
 Lachnus tropicalis 65, 111
 Neothoracaphis yanonis 119
 Nipponaphis distyliicola 194
 Stomaphis quercus japonica 119
 Tuberculatus capitatus 119
 Tuberculatus quercicolus 35, 111
 Tuberculatus stigmatus 111
 Tuberculoides naganoe 111, 119
 Tuberculoides naracola 38, 111, 119
- Quercus myrsinaefolia "Shira-kashi"
 Greenidea kuwanai 32
 Lachnus tropicalis 32, 65
 Microthoracaphis elongata 175
 Microthoracaphis querciphaga 175
- Parathoracaphis setigera 174
- Quercus phylllyraeoides "Ubame-gashi"
 Atarsaphis quercus 134, 172
 Diphyllaphis alba 179
 Greenidea kuwanai 32
 Greenidea nipponica 107, 119, 133
 Lachnus tropicalis 32, 65
 Paratrachosiphum tattakanum 131
- Quercus serrata "Ko-nara"
 Cervaphis quercus 158
 Chaitophorus narae 119
 Diphyllaphis konarae 86, 103, 111, 119, 127, 179
 Eutrichosiphum pasaniae 35, 75
 Greenidea kuwanai 35, 75, 76
 Kurisakia onigurumi querciphila 181
 Lachnus tropicalis 2, 65, 111, 119
 Neothoracaphis yanonis 70, 119, 128, 175, 194
 Nymphaphis quercus 179
 Stomaphis quercus 111
 Stomaphis quercus japonica 119
 Tuberculatus capitatus 119
 Tuberculatus kashiwae 88, 111
 Tuberculatus quercicolus 88, 111
 Tuberculatus stigmatus 64, 70, 111, 119, 133
 Tuberculoides fulviabdominalis 119
 Tuberculoides konaracola 119
 Tuberculoides kunugi 111
 Tuberculoides naganoe 111, 119
 Tuberculoides naracola 119
- Quercus sessilifolia "Tsukubane-gashi"
 Microthoracaphis elongata 175
- Quercus variabilis "Abe-maki"
 Tuberculatus capitatus 64
- Quercus sp.
 Eutrichosiphum narafoliae 83
 Greenidea kuwanai 32, 70, 152
 Greenidea luchuana 119, 161
 Lachnus ogasawarae 35
 Lachnus quercihabitans 163
 Lachnus tropicalis 32, 65, 119
 Mollitrichosiphum nigrofasciatum 119, 161
 Neothoracaphis yanonis 85, 128
 Paranipponaphis takaoensis 178
 Stomaphis quercus japonica 119
 Thoracaphis cuspidatae 119
 Tuberculatus capitatus 64, 70
 Tuberculatus kashiwae 64
 Tuberculatus quercicolus 64
 Tuberculatus querciformosanus 64
- ULMACEAE
Celtis jesseoensis "Ezo-enoki"
 Prociphilus oriens 30
Celtis sinensis var. japonica "Enoki"
 Aulacorthum magnoliae 65

- Shivaphis celti 2, 111, 119
 Stomaphis yanonis 70, 111, 119, 147, 152, 158
 Toxoptera celtis 84, 119
 Watabura nishiyae 70
- Celtis sp.
 Shivaphis celti 161
- Ulmus campestris
 Tetraneura yezoensis 36
- Ulmus campestris var. major "Aka-damo"
 Chromocallis nirecola 119
 Sappocallis ulmicola 119
 Tetraneura yezoensis 65
- Ulmus davidiana var. japonica "Haru-nire"
 Chromocallis nirecola 99, 119, 185
 Colopha moriokaensis 49
 Eriosoma japonica 36, 48, 49, 119
 Kaltenbachiella japonica 36, 49, 51, 119, 127
 Kaltenbachiella nirecola 36, 119
 Myzocallis nirecola 86
 Prociphilus kuwanai 155
 Prociphilus oriens 30
 Sappocallis ulmicola 38, 111
 Stomaphis ulmicola 17, 182
 Tetraneura akinire 48, 49
 Tetraneura fusiformis 5, 36
 Tetraneura nigriabdominalis 209
 Tetraneura ulmi 145
 Tetraneura yezoensis 5, 10, 48, 49, 65, 98
 Watabura nishiyae 5
- Ulmus davidiana var. japonica f. suberosa "Kobu-nire"
 Tetraneura nigriabdominalis 209
- Ulmus laciniata "Ohyô"
 Gobaishia japonica 36
- Ulmus parvifolia "Aki-nire"
 Tetraneura akinire 36, 79, 127
 Tetraneura fusiformis 5
 Tetraneura nigriabdominalis 209
 Tetraneura ulmi 65
 Tetraneura yezoensis 65
 Tinocallis ulmiparvifoliae 38
- Ulmus sp.
 Kaltenbachiella japonica 5, 48
 Tetraneura fusiformis 157
- Zelkova serrata "Keyaki"
 Colopha moriokaensis 5, 48
 Myzocallis nirecola 119
 Tetraneura ulmi 65, 145
 Tinocallis zelkowae 152
 Watabura nishiyae 70, 98, 119
- Zelkova sp.
 Stomaphis yanonis 140
- MORACEAE
Cannabis sativa "Asa"
 Phorodon cannabis 10, 35, 65, 86, 133, 200
- Phorodon humuli japonensis 65
Fatoua villosa "Kuwa-kusa"
 Macrosiphoniella kuwakusae 213
 Myzus fataunae 86, 119
 Pemphigus fatauae 86
 Pemphigus niishimae 127
- Ficus carica "Ichi-jiku"
 Aphis gossypii 57, 65
 Greenidea ficicola 119
 Thoracaphis fici 119
- Ficus microcarpa "Gajimaru"
 Greenidea ficicola 155
 Thoracaphis fici 161
- Ficus nipponica "Itabi-kazura"
 Reticulaphis fici foveolatae 174
- Ficus obscura
 Sinomegoura citricola 58
- Ficus wightiana "Akô"
 Thoracaphis fici 161
- Ficus sp.
 Greenidea ficicola 161
- Humulus japonica "Kana-mugura"
 Myzus persicae 34, 57, 65, 80
 Phorodon cannabis 65, 70
 Phorodon humuli japonensis 127, 200
- Humulus lupulus 'Hop'
 Phorodon cannabis 10
 Phorodon humuli japonensis 65, 80, 98
- Humulus lupulus var. cordifolius "Karahanasô"
 Phorodon humuli japonensis 65, 98, 127
- Humulus sp.
 Aphis gossypii 35
 Myzus persicae 35, 57
 Phorodon humuli japonensis 35
- URTICACEAE
Boehmeria longispica "Yabu-mao"
 Myzus persicae 119
- Boehmeria nipponivea "Kara-mushi"
 Myzus boehmeriae 119
 Myzus moriokae 119
- Boehmeria nivea var. candicans 'Ramie'
 Myzus moriokae 119
- Boehmeria plataniifolia "Me-yabu-mao"
 Myzus boehmeriae 198
- Boehmeria spicata "Ko-akaso"
 Myzus boehmeriae 198
- Boehmeria sp.
 Myzus fataunae 198
- Pilea hamaoi "Mizu"
 Myzus pileae 198
- Urtica platyphylla "Ezo-ira-kusa"
 Myzus dycei 198
- Urtica thunbergiana "Ira-kusa"
 Aphis urticata 155
- ARISTOLOCHIACEAE

Asarum kooyanum var. nipponicum "Kan-aoi"
Myzus persicae 206

POLYGONACEAE

Fagopyrum esculentum "Soba"
Aphis neopolygonii 119
Macrosiphum sobae 84, 119

Persicaria sp.
Aphis gossypii 65
Aphis rumicis 65
Capitophorus hippophaes javanicus 65

Polygonum conspiciuum "Sakura-tade"
Capitophorus hippophaes javanicus 127

Polygonum cuspidatum "Itadori"
Aphis celastrii 201
Aphis gossypii 57, 65
Aphis ichigo 201
Aulacorthum magnoliae 80
Aulacorthum solani 65
Macchiatiella itadori 70, 86, 88, 119
Toxoptera odinae 65

Polygonum nepalense "Tani-soba"
Akkaia polygoni 119

Polygonum perfoliatum "Ishimikawa"
Metaphorodon ishimikawae 119, 190

Polygonum sachalinense "Ô-itadori"
Macchiatiella itadori 9

Polygonum scabrum "Sanae-tade"
Aphorodon polygonifoliae 127

Polygonum senticosum "Mamako-no-shirinugui"
Capitophorus hippophaes javanicus 61

Polygonum sieboldii "Unagi-tsukami"
Metaphorodon ishimikawae 119
Trichosiphonaphis polygoniformosana 70

Polygonum thunbergii "Mizo-soba"
Akkaia polygoni 189
Akkaia taiwana 119, 143, 189
Aphis polygonacea 119, 133
Aphorodon polygoniphaga 190
Carolinaia tade 119
Macrosiphum polygonijaponica 119
Trichosiphonaphis polygoniformosana 119, 200

Polygonum tinctorium "Ai"
Capitophorus hippophaes javanicus 127

Polygonum viscosum "Niioi-tade"
Myzus polygoniyonai 115, 127

Polygonum sp.
Akkaia odaiensis 189
Akkaia polygoni 38, 98,
Aphis polygonacea 35, 119
Aphis rumicis 35
Capitophorus gilletti 210
Capitophorus hippophaes javanicus 61, 65, 119
Carolinaia tade 119
Macrosiphum polygonijaponica 119
Metaphorodon ishimikawae 158

Myzosiphum ryukyensis 210
Rhopalosiphum polygona 84
Trichosiphonaphis polygoniformosana 119

Rumex crispus "Nagaba-gishigishi"
Dysaphis rumicicola 9

Rumex japonicus "Gishigishi"
Aphis craccivora 135
Aphis rumicis 2, 65, 119
Aulacorthum solani 8, 10, 57, 62, 65
Dysaphis rumicicola 119
Myzus persicae 57, 65, 130, 164, 206
Prociphilus kuwanai 10, 65

Rumex sp.
Aphis gossypii 35, 65
Aphis rumicis 35, 65, 157

A plant of Polygonaceae
Capitophorus hippophaes javanicus 80

CENOPODIACEAE

Beta vulgaris var. rapa "Satô-dakon"
Aphis gossypii 57, 65
Myzus persicae 1, 10, 57, 65

Chenopodium album var. centrorubrum "Akaza"
Aphis fabae 10, 57, 65
Hayhurstia atriplicis 119, 127
Myzus persicae 10, 57, 65

Chenopodium sp.
Aphis gossypii 35
Aphis rumicis 35, 65

Spinacia oleracea "Hôrensô"
Aphis gossypii 57, 65
Myzus persicae 57, 65, 206

Spinacia sp.
Aphis gossypii 35

AMARANTHACEAE

Achyranthes japonica "Inokozuchi"
Aphis glycines 98, 119, 127
Aphis justiciae 201

PHYTOLACCACEAE

Phytolacca esculenta "Yama-gobô"
Aulacorthum phytolaccae 41

AIZOACEAE

Mesembryanthemum spectabile "Matsuba-giku"
Myzus persicae 57, 65

Mesembryanthemum sp.
Myzus persicae 35

PORTULACACEAE

Portulaca oleracea "Suberi-hiyu"
Aphis craccivora 135
Aphis gossypii 57, 65

Portulaca sp.
Aphis gossypii 35, 65

CARYOPHYLLACEAE

Cerastium holosteoides var. hallaisanense "Mimina-gusa"
Myzus persicae 57

Cerastium vulgatum var. alpinum "Koba-no-mimina-

Myzus persicae 65
Dianthus sp.
 Myzus persicae 35, 57, 65
Stellaria media "Hakobe"
 Aphis craccivora 135
 Myzus persicae 206
Stellaria sp.
 Aphis gossypii 35, 57, 65
 Macrosiphum avenae akebiae 197
 Myzus asclonicus 198
 Myzus stellariae 198
 NYMPHAEACEAE
Nelumbo nucifera "Hasu"
 Rhopalosiphum nymphaeae 2, 65, 119, 127
Nelumbo sp.
 Rhopalosiphum nymphaeae 35
Nuphar japonicum "Kōhone"
 Rhopalosiphum nymphaeae 10, 65
Nymphaea japono-koreana "Suiren"
 Rhopalosiphum nymphaeae 65
Nymphaea sp.
 Rhopalosiphum nymphaeae 35, 97, 119
 TROCHODENDRACEAE
Trochodendron aralioides "Yama-guruma"
 Elatobium trochodendri 183
 CERCIDIPHYLLACEAE
Cercidiphyllum japonicum "Katsura"
 Aulacorthum cercidiphylli 37, 96, 119
Cercidiphyllum sp.
 Aulacorthum cercidiphylli 199
 RANUNCULACEAE
Anemone hupehensis var. japonica "Shūmei-giku"
 Longicaudus trirhodus 65, 119, 127
 Prociphilus anemoni 82
Anemone sp.
 *Galiaphis japonica 200
Aquilegia flabellata "Odamaki"
 Aulacorthum solani 62
Clematis apiifolia "Botan-zuru"
 Eriosoma clematicola 119
 Eriosoma clematis 119
 Macrosiphum clematidis 119
Clematis japonica "Hanshō-zuru"
 Eriosoma clematicola 82
 Eriosoma clematis 82
 Macrosiphum clematifoliae 86
 Myzus varians 119
Clematis ochotensis "Miyama-hanshō-zuru"
 Myzus varians 86
Clematis sp.
 Macrosiphum clematidis 197
 Myzus clematophilus 198
 Myzus varians 161, 198
Paeonia suffruticosa "Botan"
 Aphis spiraeicola 65, 119
Ranunculus japonicus "Kimpōge"
 Prociphilus ranunculi 119
Ranunculus quelpaertensis "Kitsune-no-botan"
 Prociphilus ranunculi 82
Ranunculus ternatus "Hikinokasa"
 Thecabius populiconduplifolius 2
Ranunculus sp.
 Myzus ranunculinus 198
Thalictrum aquilegifolium "Karamatsu-sō"
 Longicaudus trirhodus 37
Thalictrum minus var. hypoleucum "Aki-karamatsu"
 Longicaudus trirhodus 2, 65, 119, 127, 158
 LARDIZABALACEAE
Akebia quinata "Akebi"
 Macrosiphum avenae akebiae 65, 116, 119
Akebia trifoliata "Mitsuba-akebi"
 Macrosiphum avenae akebiae 65
Akebia sp.
 Macrosiphum avenae akebiae 53, 197
 BERBERIDACEAE
Berberis sieboldii "Hebi-noborazu"
 Liosomaphis berberidis 93, 119
Berberis thunbergii "Megi"
 Liosomaphis berberidis 119
Mahonia japonica "Hiragi-nanten"
 Prociphilus osmanthae 119
 MAGNOLIACEAE
Illicium religiosum "Shikimi"
 Toxoptera aurantii 2, 65, 74
Magnolia denudata "Haku-mokuren"
 Aulacorthum magnoliae 2
Magnolia kobus "Kobushi"
 Aulacorthum magnoliae 65, 74, 119, 127
 Neocalaphis magnoliae 2, 88, 111, 119, 200
Magnolia liliiflora "Mokuren"
 Euceraphis magnoliifoliae 85
 Toxoptera odinae 65, 84
Magnolia obovata "Hō-no-ki"
 Aulacorthum magnoliae 119
 Neocalaphis magnolicolens 111, 119, 155, 158, 200
Magnolia sp.
 Aulacorthum magnoliae 199
Michelia compressa "Ogatama-no-ki"
 Formosaphis micheliae 196
 LAURACEAE
Actinodaphne sp.
 Aiceona actinodaphni 161
Cinnamomum burnianis
 Sinomegoura citricola 58
Cinnamomum camphora "Kusu-no-ki"
 Sinomegoura citricola 58, 65, 84, 119
Cinnamomum japonicum "Yabu-nikkei"
 Euthoracaphis umbellulariae 119, 178
Cinnamomum paniculatum

Euthoracaphis umbellulariae 178
Cinnamomum zeylanicum "Seiron-nikkei"
 Sinomegoura citricola 58
Cinnamomum sp.
 Sinomegoura citricola 58, 161
Lindera umbellata "Kuro-moji"
 Aulacorthum muradachi 119
 Thoracaphis linderiae 87, 119, 174
Machilus thunbergii "Tabu-no-ki"
 Machilaphis machili 103, 119
 Nipponaphis machilicola 119
Machilus sp.
 Machilaphis machili 179
 Nipponaphis amamiana 193
 Nipponaphis machilicola 177
 Nipponaphis machiliphaga 177
Neolitsea sericea "Shiro-damo"
 Machilaphis machili 103, 119
 Nipponaphis litseae 177
Parabenzoin praecox "Abura-chan"
 Aulacorthum muradachi 39, 119
 Thoracaphis linderiae 87, 119, 174
Parabenzoin trilobum "Shiro-moji"
 Aulacorthum muradachi 70
 Thoracaphis linderiae 174
A plant of Lauraceae
 Aiceona japonica 181
 Aulacorthum muradachi 199
PAPAVERACEAE
Chelidonium majus var. asiaticum "Kusa-no-ô"
 Aulacorthum solani 119, 127
Corydalis heterocarpa var. japonica "Ki-keman"
 Hayhurstia corydalisicola 200
Corydalis sp.
 Aulacorthum circumflexum 199
Macleaya cordata "Takenigusa"
 Aulacorthum solani 62, 65
Papaver somniferum "Keshi"
 Myzus persicae 57, 65
 Rhopalosiphum padi 7, 65
Papaver sp.
 Aphis rumicis 35, 65
CRUCIFERAE
Arabidopsis thaliana "Shiro-inu-nazuna"
 Lipaphis erysimi 65
Barbarea orthoceras "Yama-garashi"
 Aphis neopolygonii 119
Brassica campestris "Tai-na"
 Brevicoryne brassicae 34
 Myzus persicae 2, 34
Brassica campestris var. komatsuna "Komatsu-na"
 Myzus persicae 1
Brassica campestris var. napus "Abura-na"
 Brevicoryne brassicae 2, 10, 34, 65
 Lipaphis erysimi 65
 Myzus persicae 34, 57, 65, 129, 130, 206
Brassica campestris var. pekinensis "Hakusai"
 Brevicoryne brassicae 10, 65, 119, 127
 Lipaphis erysimi 10, 65
 Myzus persicae 1, 10, 57, 65, 119, 206
Brassica campestris var. rapa "Kabu"
 Brevicoryne brassicae 10, 34, 65
 Lipaphis erysimi 10, 65
 Myzus persicae 10, 57, 65, 119, 206
Brassica cernua "Karashi-na"
 Lipaphis erysimi 10, 13, 70
Brassica napobrassica "Rutabaka"
 Brevicoryne brassicae 10, 65
 Lipaphis erysimi 10, 65
Brassica oleracea var. acephala "Ha-botan"
 Myzus persicae 130
Brassica oleracea var. botrylis "Hana-yasai"
 Myzus persicae 1
Brassica oleracea var. capitata "Tama-na"
 Brevicoryne brassicae 10, 48, 49, 65, 78, 119, 127
 Lipaphis erysimi 10, 65, 119, 127, 157
 Myzus persicae 1, 10, 57, 65, 129, 130, 133, 161, 206
Brassica sp.
 Brevicoryne brassicae 35
 Lipaphis erysimi 161
 Myzus persicae 35, 57, 65, 70
Capsella bursa-pastoris "Nazuna"
 Aphis craccivora 65, 135, 136
 Aphis rumicis 65
 Lipaphis erysimi 65, 119, 127
 Myzus persicae 57, 65, 206
Capsella sp.
 Acyrtosiphon pisum 35
 Aphis gossypii 35, 57, 65
 Aulacorthum solani 35
 Brevicoryne brassicae 35
 Myzus persicae 35
Cardamine impatiens "Ja-ninjin"
 Aphis cardaminae 84
Cardamine lyrata "Mizu-tagarashi"
 Aphis mizutakarashi 119
 Cavariella salicicola 65, 119
Lepidium sp.
 Aphis gossypii 35
Raphanus sativus var. acanthiformis "Daikon"
 Brevicoryne brassicae 10, 34, 65, 119, 127
 Lipaphis erysimi 10, 65, 119, 127
 Myzus persicae 1, 10, 34, 57, 65, 119, 127, 129, 133, 164, 198, 206
Raphanus sp.
 Brevicoryne brassicae 35
 Myzus persicae 35
Rorippa indica "Inu-garashi"

Myzus persicae 206
 Myzus ascalonicus 198
 A plant of Cruciferae
 Myzus persicae 80
 CRASSULACEAE
Bryophyllum calycinum "Tôro-sô"
 Aphis gossypii 84
 SAXIFRAGACEAE
Astilbe sp.
 Micromyzus montanus 195
Deutzia crenata "Utsugi"
 Aphis craccivora 2, 65, 119
 Aphis gossypii 57, 65, 119
 Aphis spiraeicola 65, 127
 Aphis utsugicola 119
 Myzus philadelphi 198
 Rhopalosiphoninus deutzifoliae 86, 99, 119, 127
Deutzia gracilis "Hime-utsugi"
 Neotoxoptera abeliae 200
Deutzia scabra var. sieboldiana "Tsukushi-utsugi"
 Aphis utsugicola 48, 49
Deutzia sp.
 Aphis celastrii 84, 201
 Nippodysaphis deutziae 4
Hydrangea macrophylla "Ajisai"
 Aulacorthum magnoliae 147
Hydrangea paniculata "Nori-utsugi"
 Rhopalosiphoninus hydrangeae 37, 105, 119, 169
Hydrangea scandens "Gaku-utsugi"
 Rhopalosiphoninus hydrangeae 105, 119
Hydrangea sp.
 Aphis gossypii 65
 Aphis spiraeicola 65
Philadelphus sp.
 Myzus philadelphi 198
Ribes fasciculatum "Yabu-sanzashi"
 Hyperomyzus lactucae 86
 Macrosiphum suguri 86
Ribes grossularia "Maru-suguri"
 Cryptomyzus ribis 10
Ribes sativum "Aka-suguri"
 Cryptomyzus ribis 10, 37
 Myzus suguri 119
Ribes sinanense "Suguri"
 Hyperomyzus lactucae 86
 Macrosiphum suguri 86, 119
 Myzus suguri 84
 Stagona crataegi 127
Saxifraga stolonifera "Yukinoshita"
 Aphis spiraeicola 65
Saxifraga sp. (?)
 Myzus asamensis 198
 PITTOSPORACEAE

Pittosporum tobira "Tobera"
 Myzus persicae 206
 Toxoptera odinae 65
 HAMAMELIDACEAE
Distylium racemosum "Isunoki"
 Dinipponaphis autumnae 51, 132, 171, 194
 Metanipponaphis cuspidatae 132
 Monzenia globuli 51, 52, 119, 127, 132, 171, 194
 Neothoracaphis yanonis 36, 49, 51, 52, 119, 127, 128, 132, 171, 175, 194
 Nipponaphis distychii 2, 36, 48, 49, 76, 119, 127, 171, 194
 Nipponaphis distyllicola 51, 52, 128, 132, 171, 194
 Nipponaphis monzeni 51, 52, 128, 132, 171, 194
 Quadrartus yoshinomiya 52, 171, 194
Hamamelis japonica "Mansaku"
 Mansakia gallifoliae 48, 49, 52, 119, 127
 Mansakia kagamii 48, 49, 52
 Mansakia miyabei 36, 48, 49, 52, 119, 127
Liquidambar formosana "Fû"
 Aphis gossypii 57, 65
 ROSACEAE
Agrimonia pilosa "Kin-mizuhiki"
 Aphis agrimoniae 119, 127, 201
 Pemphigus arrigmoniae 86
 Pemphigus dorocola 127
 Pemphigus niishimae 127
 Tetraneura yezoensis 65, 98
Chaenomeles speciosa "Boke"
 Aphis spiraeicola 2, 65, 119
 Myzus malisuctus 65
Chaenomeles sp.
 Aphis spiraeicola 10, 65
Crataegus cuneata "Sanzashi"
 Aphis spiraeicola 119
 Eriosoma lanigera 10, 65
 Myzus malisuctus 119, 127
 Prociphilus crataegicola 119, 127
 Rhopalosiphum padi 7, 10, 65
 Stagona crataegi 2
Crataegus oxyacantha "Seiyô-sanzashi"
 Aphis spiraeicola 35, 65
Crataegus sp.
 Myzus malisuctus 84
 Prociphilus crataegicola 82
Cydonia oblonga "Marumero"
 Aphis spiraeicola 10, 65, 127,
 Rhopalosiphum padi 7, 10, 65
 Watabura nishiyae 36
Eriobotrya japonica "Biwa"
 Aphis gossypii 65
 Nippolachnus piri 32, 65, 80, 111, 119, 151, 152

Rhopalosiphum nymphaeae 65
Filipendula kamtschatica "Oni-shimotsuke"
 Aphis filipendulae 35
Filipendula purpurea var. albiflora "Natsu-yukisô"
 Aphis filipendulae 119
Filipendula sp.
 Aphis filipendulae 201
Fragaria ananassa "Oranda-ichigo"
 Aphis forbesi 54, 65, 72, 73
 Aphis gossypii 57, 65
 Chaetosiphon minor 54, 65, 86, 119
Fragaria sp.
 Aphis gossypii 35
Geum sp.
 Acyrthosiphon pisum 35
Kerria japonica "Yama-buki"
 Aulacorthum kerriae 95, 119, 127
Kerria sp.
 Aulacorthum kerriae 201
Malus halliana "Kaidô"
 Aphis spiraeicola 84
 Eriosoma lanigera 10, 65
 Rhopalosiphum padi 7, 10, 65
Malus pumila "Ringo"
 Aphis pomonella 201
 Aphis spiraeicola 2, 10, 35, 65, 119, 127
 Eriosoma lanigera 10, 36, 44, 45, 47, 48, 49, 65, 119, 127
 Myzus malicolens 10, 65, 119
 Myzus malisuctus 2, 10, 37, 48, 49, 65, 119, 127
 Myzus persicae 57, 65, 119
 Prociphilus crataegicola 119, 127
 Prociphilus kuwanai 65
 Prociphilus oriens 36
 Prociphilus sasakii 46, 48, 49
 Rhopalosiphum padi 10, 65, 145
 Toxoptera odinae 2, 65, 119
 Watabura nishiyae 5, 37, 196
Malus sieboldii "Zumi"
 Eriosoma lanigera 44
 Rhopalosiphum padi 7, 10, 65
Photinia glabra "Kaname-mochi"
 Sinomegoura photiniae 180
 Toxoptera aurantii 65, 74
Pourthiaea villosa var. laevis "Kamatsuka"
 Aphis spiraeicola 119
 Eriosoma lanigera 65, 119
 Melanaphis bambusae 139
 Myzus malisuctus 65, 119
 Prociphilus poulthiacae 46, 48, 49
 Prociphilus ushikoroshi 86, 98, 119, 127
 Yezabura photiniae 37, 119
Prunus americana "Amerika-sumomo"
 Rhopalosiphum donarium 37
Prunus armeniaca var. ansu "Anzu"
 Anuraphis prunus 119, 127
 Aphis gossypii 57, 65, 119
 Hyalopterus pruni 65
 Myzus mumecola 10, 65, 119, 127
 Myzus persicae 57, 65
 Phorodon humuli japonensis 127
 Rhopalosiphum donarium 65
Prunus avium "Seiyô-mi-zakura"
 Rhopalosiphum rufiabdominalis 208
Prunus buergeriana "Inu-zakura"
 Myzus inuzakurae 111, 119, 127
 Rhopalosiphum donarium 119, 127
 Rhopalosiphum padi 65, 119, 127
Prunus communis "Seiyô-sumomo"
 Hyalopterus pruni 10
 Phorodon cannabis 10
 Rhopalosiphum nymphaeae 2, 10
Prunus donarium "Yae-zakura"
 Myzus sakurae 65
 Rhopalosiphum donarium 37, 65
 Rhopalosiphum padi 7
 Rhopalosiphum rufiabdominalis 209
 Trichosiphoniella sasakii 80, 158
Prunus grayana "Uwamizu-zakura"
 Aphis uwamizusakurae 48, 49, 119
 Rhopalosiphum donarium 119
Prunus jamasakura "Yama-zakura"
 Myzus sakurae 48
 Rhopalosiphoninus celtifoliae 105
 Rhopalosiphum rufiabdominalis 209
 Trichosiphoniella momonis 46, 48, 49
 Trichosiphoniella sasakii 48, 49
Prunus japonica "Niwa-ume"
 Myzus cerasi umefoliae 119, 127
Prunus lannesiana "Ôshima-zakura"
 Rhopalosiphum rufiabdominalis 209
 Trichosiphoniella sasakii 49
Prunus maximowiczii "Miyama-zakura"
 Prociphilus oriens 30
Prunus mume "Ume"
 Anuraphis mume 9, 10, 96, 119
 Anuraphis prunus 84, 119, 127
 Aphis gossypii 57, 65, 119
 Aphis spiraeicola 65, 119
 Brachycaudus helichrysi 65
 Hyalopterus pruni 10, 65, 119, 127
 Myzus cerasi umefoliae 86, 198
 Myzus mumecola 10, 35, 65, 86, 119, 127, 198
 Myzus persicae 10, 57, 65, 206
 Phorodon cannabis 10
 Phorodon humuli japonensis 65, 127, 200
 Rhopalosiphum nymphaeae 65, 98, 119, 127
 Rhopalosiphum padi 10, 65, 127
 Rhopalosiphum rufiabdominalis 59, 65, 119, 209

Prunus persica "Momo"

Abura momocola 35
Anuraphis mume 9, 10, 65
Anuraphis prunus 119
Aphis gossypii 119
Aphis spiraeicola 65, 119
Hyalopterus pruni 10, 32, 65, 127, 151
Myzus persicae 10, 34, 48, 49, 57, 65, 80,
119, 127, 129, 168, 206
Myzus sakurae 65, 98
Myzus varians 119, 161, 166, 198
Phorodon humuli japonensis 65, 98
Phorodon persifoliae 84
Rhopalosiphum momo 84
Rhopalosiphum nymphaeae 2, 65, 98, 119, 127
Rhopalosiphum padi 10, 65, 98
Rhopalosiphum rufiabdominalis 59, 65, 119, 209
Schizaphis piricola 65
Trichosiphoniella momonis 10, 35, 65, 119, 127

Prunus salicina "Su-momo"

Aphis spiraeicola 65
Brachycaudus helichrysi 65
Capitophorus prunifoliae 86
Hyalopterus pruni 65, 119, 127
Macrosiphum sumoccola 48, 49
Myzus persicae 34, 57, 65, 80
Phorodon humuli japonensis 65, 98
Rhopalosiphum nymphaeae 65
Rhopalosiphum padi 10, 65
Rhopalosiphum rufiabdominalis 209

Prunus sargentii "Ezo-yama-zakura"

Myzus sakurae 10, 35, 65
Prociphilus oriens 30
Rhopalosiphum padi 7, 10, 65
Rhopalosiphum rufiabdominalis 209

Prunus sieboldii "Musha-zakura"

Trichosiphoniella sasakii 35

Prunus subhirtella "Ko-higan-zakura"

Trichosiphoniella momonis 46, 48, 49

Prunus yedoensis "Somei-yoshino"

Aphis gossypii 65
Aphis spiraeicola 65
Myzus sakurae 65
Myzus persicae 65
Rhopalosiphum nymphaeae 65
Rhopalosiphum padi 65
Rhopalosiphum rufiabdominalis 65, 209
Toxoptera odinae 2
Trichosiphoniella momonis 70, 127

Prunus sp.

Aphis gossypii 57, 119
Aphis spiraeicola 119
Aulacorthum magnoliae 199
Hyalopterus pruni 35
Myzus inuzakurae 110

Myzus mushaensis 56, 68, 198
Myzus persicae 10, 35, 57, 119, 129, 206
Myzus sakurae 56, 68, 98, 110, 198
Nippodysaphis deutziae 4
Phorodon humuli japonensis 98
Rhopalosiphoninus celtifoliae 86, 119
Rhopalosiphum nymphaeae 10, 98, 119, 127
Rhopalosiphum padi 10, 35, 98
Rhopalosiphum rufiabdominalis 119, 209
Trichosiphoniella momonis 2, 56, 68, 110, 119
Trichosiphoniella sasakii 56, 68, 110

Pyrus communis "Seiyō-nashi"

Aphis gossypii 65
Aphis spiraeicola 10, 65
Brachycaudus helichrysi 65
Longiunguis siphonella 65
Myzus malicolenis 65
Myzus persicae 65
Nippolachnus piri 65
Prociphilus kuwanai 10, 12, 65
Rhopalosiphum padi 10
Sappaphis piri 10, 37, 65, 119
Schizaphis piricola 10, 65
Toxoptera odinae 65

Pyrus serotina var. culta "Nashi"

Anuraphis farfarae 98, 119, 127
Anuraphis nashi 127
Aphis gossypii 57
Aphis spiraeicola 10, 35, 119, 127
Aulacorthum magnoliae 74
Brachycaudus helichrysi 119
Cinacium iaksuiense 29
Longicaudus trirhodus 127
Longiunguis siphonella 2, 48, 49
Myzus malicolenis 119
Myzus persicae 57, 81, 119, 206
Nippolachnus piri 2, 32, 35, 80, 111, 119,
151, 152
Prociphilus bumeliae 119
Prociphilus kuwanai 2, 46, 48, 49, 89, 98,
119, 155
Rhopalosiphum nymphaeae 2
Rhopalosiphum padi 7, 10
Rhopalosiphum rufiabdominalis 119, 209
Sappaphis piricola 10, 98, 119, 127
Schizaphis piricola 2, 10, 35, 48, 49, 119,
127
Semiaphis montana 119
Toxoptera odinae 2, 119

Pyrus ussuriensis "Chōsen-yamanashi"

Rhopalosiphum rufiabdominalis 59

Pyrus sp.

Prociphilus kuwanai 89

Rhaphiolepis umbellata "Sharimbai"

Nippolachnus piri 151

Rosa chinensis "Kôshin-bara"
 Macrosiphum ibarae 35
Rosa multiflora "No-ibara"
 Brachycaudus helichrysi 96
 Longicaudus trirhodus 65, 119
 Macrosiphum ibarae 2, 35, 65
Rosa rugosa "Hama-nasu"
 Aphis gossypii 57, 65
 Brachycaudus helichrysi 96
 Chaetosiphon coreanus 42
 Longicaudus trirhodus 65, 119, 127
 Macrosiphum mordvilkoii 42
 Myzus japonensis 42
Rosa sp.
 Longicaudus trirhodus 65, 119, 127
 Macrosiphum ibarae 10, 65, 70, 119, 157, 161, 197
 Rhodobium porosum 200
Rubus crataegifolius "Kuma-ichigo"
 Aphis ichigo 119, 127
 Matsumuraja rubi 207
Rubus hirsutus "Kusa-ichigo"
 Matsumuraja rubifoliae 176, 207
Rubus illecebrosus "Bara-ichigo"
 Amphorophora ichigo 84
Rubus microphyllus "Niga-ichigo"
 Matsumuraja rubi 207
 Matsumuraja nuditerga 207
Rubus palmatus "Nagaba-momiji-ichigo"
 Matsumuraja rubifoliae 176, 207
 Matsumuraja rubiphila 207
Rubus peltatus "Hasunoha-ichigo"
 Matsumuraja sorini 207
Rubus trifidus "Kaji-ichigo"
 Aphis ichigo 84
Rubus sp.
 Acyrthosiphon rubiformosanus 200
 Amphorophora ichigo 119
 Amphorophora rubiphaga 188
 Aphis ichigo 201
 Aphis ichigocola 119
 Macrosiphum rubiphila 197
 Matsumuraja nuditerga 4
 Matsumuraja rubea 207
 Matsumuraja rubi 37, 69, 119, 133, 207
 Matsumuraja rubifoliae 69, 70, 133, 161, 207
Sanguisorba officinalis "Waremokô"
 Aphis craccivora 2, 65, 119
 Aphis sanguisorbae 112, 119, 201
 Brachycaudus sanguisorbae 86, 119
Sorbaria sorbifolia var. stellipila "Hozaki-nana-kamado"
 Macrosiphum sorbi 188
 Rhopalosiphum donarium 169
Sorbus alnifolia "Azuki-nashi"
 Nippolachnus micromeli 86
 Nippolachnus piri 65, 111, 119
Sorbus commixta "Nanakamado"
 Macrosiphum sorbi 37
 Myzaphis komatsubarae 84
 Prociphilus oriens 30
Spiraea cantoniensis "Ko-demari"
 Aphis spiraeicola 65, 74, 119
 Parachaitophorus spiraeae 158, 167, 185
Spiraea japonica "Shimotsuke"
 Parachaitophorus spiraeae 185
Spiraea salicifolia "Hozaki-shimotsuke"
 Aphis neospiraeae 201
Spiraea thunbergii "Yuki-yanagi"
 Aphis kogomecola 35
 Aphis spiraeicola 65, 74
Spiraea sp.
 Aphis spiraeicola 210
 Acyrthosiphon pisum 35
Stephanandra incisa "Kogome-utsugi"
 Aphis spiraeicola 65, 119
 LEGUMINOSAE
Aeschynomene indica "Kusa-nemu"
 Aphis craccivora 135, 136
Albizia julibrissin "Nemu-no-ki"
 Aphis gossypii 119
Astragalus sinicus "Genge"
 Aphis craccivora 2, 10, 65, 119, 135, 136
 Myzus persicae 34, 206
Astragalus sp.
 Myzus persicae 35, 57
Azuki angularis "Azuki"
 Aphis craccivora 65, 70, 119, 135, 136
 Aphis gossypii 57, 65
 Aulacorthum solani 8, 10, 57, 62, 65, 70
 Macrocaudus phaseoli 119
 Myzus persicae 34, 57, 65
Azuki radiata "Bundô"
 Aphis craccivora 10
Cassia nomame "Kawara-ketsumei"
 Aphis craccivora 65, 119
Cassia tora "Ebisu-gusa"
 Aphis craccivora 135
Colutea sp.
 Acyrthosiphon pisum 35
Dolichos lablab "Ingen"
 Aphis craccivora 65, 119, 135
 Aulacorthum solani 57, 62, 65
Gleditsia japonica "Saikachi"
 Aphis craccivora 65, 119
 Aulacorthum magnoliae 147
Glycine max "Daizu"
 Acyrthosiphon pisum 10, 65, 77, 119
 Aphis craccivora 65, 77
 Aphis glycines 10, 35, 65, 70, 77, 98, 119,

127, 201, 210
 Aphis gossypii 57, 65
 Aulacorthum solani 8, 10, 57, 62, 65, 77, 119
 Myzus persicae 34, 57, 65
 Tinocallis zelkowae 77

Glycine soja "Tsuru-mame"
 Aphis glycines 80

Glycine sp.
 Aulacorthum solani 35
 Myzus persicae 35

Indigofera pseudo-tinctoria "Koma-tsunagi"
 Aphis craccivora 135
 Aphis indigoferae 84, 119

Lathyrus davidii "Itachi-sasage"
 Megoura crassicauda 58, 65, 85, 86

Lathyrus japonicus "Hama-endô"
 Acyrthosiphon pisum 65
 Megoura crassicauda 58, 65

Lathyrus odoratus "Jakô-renrisô"
 Acyrthosiphon pisum 10

Lathyrus sp.
 Acyrthosiphon pisum 35

Lespedeza bicolor "Ezo-yama-hagi"
 Aulacorthum solani 2, 35
 Macrosiphum hagicola 35

Lespedeza bicolor var. japonica "Hagi"
 Aulacorthum solani 8, 10, 57, 62, 65
 Megoura lespedezae 2, 70, 88, 119

Lespedeza sp.
 Aulacorthum solani 35, 119
 Macrosiphum hagicola 119

Lotus corniculatus var. japonicus "Miyako-gusa"
 Aphis craccivora 135

Lotus sp.
 Acyrthosiphon pisum 35

Medicago sativa "Murasaki-umagoyashi"
 Acyrthosiphon pisum 200

Ononis sp.
 Acyrthosiphon pisum 35

Phaseolus mungo var. subtilobata
 Macrocaudus phaseoli 94

Phaseolus vulgaris "Goguwatsu-sasage"
 Aulacorthum solani 8, 10

Phaseolus sp.
 Aphis gossypii 35
 Aphis rumicis 35, 65

Pisum sativum "Endô"
 Acyrthosiphon pisum 10, 65, 119
 Aphis craccivora 135
 Aulacorthum solani 8, 10, 57, 62, 65
 Myzus persicae 206

Pisum sp.
 Acyrthosiphon pisum 35
 Acyrthosiphon pisum brevicaudatus 200
 Aulacorthum solani 35

Pueraria lobata "Kuzu"
 Aphis craccivora 65, 135

Robinia pseudoacacia "Hari-enju"
 Aphis craccivora 65, 119, 135
 Aphis craccivora pseudoacaciae 201

Spartium sp.
 Acyrthosiphon pisum 35

Trifolium incarnatum "Benibana-umagoyashi"
 Aulacorthum solani 8, 10, 57, 62, 65

Trifolium pratense "Murasaki-tsumekusa"
 Aulacorthum solani 8, 10, 57, 62, 65

Trifolium repens "Shiro-tsumekusa"
 Acyrthosiphon pisum 65, 119
 Acyrthosiphon pisum brevicaudatus 200
 Aphis craccivora 135
 Aulacorthum solani 8, 10, 57, 62, 65

Trifolium sp.
 Acyrthosiphon pisum 10, 35, 65
 Aphis gossypii 57, 65
 Therioaphis ononidis 119

Vicia angustifolia var. segetalis "Yahazu-endô"
 Aphis craccivora 65
 Pergandeida cracca 155

Vicia cracca "Kusa-fuji"
 Megoura crassicauda 58
 Pergandeida cracca 155

Vicia fava "Soramame"
 Amphorophora vicicola 117, 119
 Aphis craccivora 2, 10, 65, 119, 135, 136
 Aulacorthum magnoliae 65
 Megoura crassicauda 58
 Myzus persicae 206

Vicia hirsuta "Suzume-no-endô"
 Aphis craccivora 135

Vicia sepium "Karasu-no-endô"
 Aphis craccivora 135, 136

Vicia unijuga "Tani-watashi"
 Megoura crassicauda 35, 58, 65, 119

Vicia sp.
 Aphis rumicis 35, 65
 Megoura crassicauda 58

Vigna catieng var. sinensis "Sasage"
 Aphis craccivora 65, 119, 135

Vigna sinensis
 Pterocomma vignae 35

Vigna sp.
 Aphis rumicis 35

GERANIACEAE
Geranium thunbergii "Genno-shôko"
 Myzus geranicola 107, 119

Geranium sp.
 Cryptaphis geranii 188

OXALIDACEAE
Oxalis corniculata "Katabami"
 Aulacorthum solani 62, 65

RUTACEAE
Acronychia pedunculata

Sinomegoura citricola 58
Chalcos paniculata "Gekkitsu"
 Sinomegoura citricola 58, 161
 Toxoptera citricidus 161
Citrus deliciosa "Mikan"
 Toxoptera aurantii 119
 Toxoptera odinae 119
Citrus sinensis 'Orange'
 Aphis gossypii 2, 65
 Aulacorthum magnoliae 2
 Toxoptera citricidus 65
 Toxoptera odinae 2
Citrus sinensis var. brasiliensis 'Navel orange'
 Aphis gossypii 57
Citrus tachibana "Tachi-bana"
 Sinomegoura citricola 58
Citrus unshiu "Unshū-mikan"
 Aphis spiraeocola 74
 Aulacorthum magnoliae 65
Citrus sp.
 Aphis gossypii 57, 65
 Aulacorthum magnoliae 65, 74, 119, 199
 Myzus persicae 34, 35, 57, 65
 Sinomegoura citricola 2
 Toxoptera aurantii 35, 65, 127, 161
 Toxoptera citricidus 65, 74, 119, 161
 Toxoptera odinae 65
Evodia rutaecarpa "Go-shu-yu"
 Aulacorthum magnoliae 147
 Thomasiniellula tomitae 83
 Toxoptera odinae 119
Orixa japonica "Ko-kusagi"
 Aulacorthum magnoliae 147
 Myzus kusaki 119
Poncirus trifoliata "Karatachi"
 Aulacorthum magnoliae 2, 147
 Toxoptera aurantii 65, 74, 161
 Toxoptera citricidus 65, 74, 84, 119
Ptelea trifoliata "Hoppu-no-ki"
 Mesocallis pteleae 38
Zanthoxylum ailanthoides "Karasu-zanshō"
 Toxoptera odinae 65, 84, 119
Zanthoxylum piperitum "Sanshō"
 Aulacorthum magnoliae 65, 147
 Myzus persicae 206
 Myzus xanthomelii 119
 Toxoptera odinae 65, 83, 119
 SIMAROUACEAE
Ailanthus altissima "Shin-ju"
 Kurisakia ailanthi 181
 EUPHORBIACEAE
Acalypha australis "Enoki-gusa"
 Aphis gossypii 57, 65
Acalypha sp.
 Aphis gossypii 35
Brideria ovata "Maruyama-kanko"
 Sinomegoura citricola 58
Euphorbia supina "Ko-nishiki-sō"
 Aphis craccivora 135
Glochidion sp.
 Aphis spiraeocola 65
Phyllanthus sp.
 Amphorophora phyllanthi 167
Saphium sebiferum "Nankin-haze"
 Toxoptera odinae 157
 CORIARIACEAE
Coriaria japonica "Doku-utsugi"
 Macrosiphum coriariae 84
 ANACARDIACEAE
Rhus ambigua "Tsuta-urushi"
 Sumoia rhois 119
Rhus javanica "Nurude"
 Nurudea ibofushi 36
 Nurudea rosea 36, 48, 49, 119, 127
 Nurudeopsis shiraii 36
 Nurudeopsis yanoniella 36
 Prociphilus oriens 36
 Schlechtendalia chinensis 80, 119
 Schlechtendalia intermedia 36
 Schlechtendalia mimifushi 36, 48, 49, 51
 Schlechtendalia miyabei 36
 Toxoptera odinae 2, 65, 119
Rhus succedanea "Haze"
 Aulacorthum magnoliae 65
 Toxoptera odinae 65, 119
Rhus trichocarpa "Yama-urushi"
 Sumoia rhois 195
Rhus verniciflua "Urushi"
 Prociphilus kuwanai 65
 Sumoia rhois 158
 Toxoptera odinae 35
Rhus sp.
 Aulacorthum magnoliae 199
 Toxoptera odinae 163
 AQUIFOLIACEAE
Ilex macropoda "Ao-hada"
 Aulacorthum magnoliae 80
Ilex pedunculosa "Soyogo"
 Toxoptera odinae 211
Ilex serrata "Ume-modoki"
 Anuraphis ilexis 70
 Aulacorthum magnoliae 80
 Macrosiphoniella prunifoliae 60, 86
 Ryoichitakahashia ilicis 4, 119
 CELASTRACEAE
Celastrus orbiculatus "Tsuru-umemodoki"
 Aphis celastrii 35, 201
 Aphis gossypii 57, 65, 119
 Aphis spiraeocola 65, 119, 127
 Aulacorthum magnoliae 65, 74, 119, 127, 147, 152

Toxoptera odinae 65
Euonymus alatus "Nishiki-gi"
 Aulacorthum magnoliae 80, 147
 Macrosiphum nishikigi 39
 Pseudomegoura nishikigi 119
Euonymus altatus var. subtriflorus "Ko-mayumi"
 Myzus komaumii 125
 Myzus lonicerae 127
Euonymus japonicus "Masaki"
 Aphis rumicis 65
 Aulacorthum magnoliae 80
 STAPHYLEACEAE
Euscaphis japonica "Gonzui"
 Aulacorthum magnoliae 80
 Indomegoura indica 2, 155
 Phorodon viburni 119
Staphylea bumalda "Mitsuba-utsugi"
 Indomegoura indica 2, 85, 105, 119, 155
 Indomegoura miniatum 37
 ACERACEAE
Acer carpiniifolium "Chidori-no-ki"
 Periphyllus californiensis 70, 149, 152
Acer diabolicum "Kaji-kaede"
 Yamatocallis tokyoensis 85
Acer japonicum "Hauchiwa-kaede"
 Periphyllus californiensis 35
 Yamatocallis tokyoensis 85
Acer miyabei "Kurobi-itaya-kaede"
 Periphyllus californiensis 35
Acer mono "Itaya-kaede"
 Periphyllus californiensis 119
 Periphyllus kuwanai 149
 Periphyllus viridis 111, 119
 Yamatocallis hirayamae 102, 111
Acer palmatum "Iroha-momiji"
 Periphyllus californiensis 35, 152
 Rhopalosiphum acericola 35
Acer pictum var. dissectum "Enkō-kaede"
 Periphyllus kuwanai 2, 152
 Periphyllus viridis 38, 169
Acer pictum var. typicum
 Stomaphis takahashii 140
Acer rufinerve "Urihada-kaede"
 Trichaitophorus koyaensis 185
Acer sp.
 Aulacorthum magnoliae 147
 Drepanaphis acerifoliae 88
 Megalocallis takagii 196
 Nippochaitophorus moriokaensis 185
 Periphyllus californiensis 80, 149
 Periphyllus testudinacea 111, 119
 Stomaphis aceris 182
 Trichaitophorus albus 184
 Yamatocallis hirayamae 70, 102, 110, 119
 Yamatocallis moriokaensis 102, 110, 119

HIPPOCASTANACEAE
Aesculus turbinata "Tochi-no-ki"
 Periphyllus californiensis 149
 Stomaphis yanonis aesculi 182
Aesculus sp.
 Periphyllus californiensis 152
 SAPINDACEAE
Koelreuteria paniculata "Mokugenji"
 Periphyllus koelreuteriae 88, 111, 119, 127,
 149, 152
 SABIACEAE
Meliosma myriantha "Awabuki"
 Mollitrichosiphum yamabiwae 119, 144
 BALSAMINACEAE
Impatiens balsamina "Hōsenka"
 Aleurodaphis mikaniae 70
 Eumyzus impatiensae 119
 Impatientinum impatiens 84, 119
 Sinomegoura citricola 65
Impatiens noli-tangere "Ki-tsurifunesō"
 Eumyzus gallicola 195
 Eumyzus impatiensae 48, 49, 119, 127
 Hydronaphis impatiens 84, 200
 Impatientinum balsamines 200
 Impatientinum impatiens 200
 Semiaphis moiwaensis 200
Impatiens textori "Tsurifune-sō"
 Eumyzus impatiensae 48, 49, 70, 119, 127
 Impatientinum impatiens 119, 200
 RHAMNACEAE
Berchemia racemosa "Kuma-yanagi"
 Acyrthosiphon berkemiae 119
Rhamnella franguloides "Nekono-chichi"
 Aphis rhamnellae 84
 Brachycaudus sanguisorbae 119
Rhamnus japonica "Kuro-umemodoki"
 Acaudus rhamni 9
 Brachycaudus sanguisorbae 119
Rhamnus sp.
 Aphis gossypii 35
 VITACEAE
Cayratia japonica "Yabu-garashi"
 Aphis gossypii 57, 65, 80, 84
Parthenocissus tricuspidata "Tsuta"
 Macrosiphum avenae akebiae 119
 Myzus parthenocissi 198
Vitis vinifera "Budō"
 Viteus vitifolii 48, 49, 127
 TILIACEAE
Tilia japonica "Shinanoki"
 Rhopalosiphoninus tiliae 37, 105, 119, 169
 Therioaphis americana 111
 Therioaphis tilicola 101, 119
 Tiliaphis shinae 101, 111, 119
Tilia maximowicziana "Ōba-bodaiju"

Prociphilus oriens 30
Tilia miqueliana "Bodaiju"
 Rhopalosiphoninus tiliae 105
 Therioaphis japonica 101, 111, 119
 Therioaphis tilicola 101, 111, 119
 MALVACEAE
Althaea rosea "Tachi-aoi"
 Aphis gossypii 57, 65, 66
 Aulacorthum solani 62
 Myzus persicae 57, 65
Gossypium indicum "Wata"
 Aphis gossypii 57, 65
Gossypium sp.
 Aphis gossypii 35
Hibiscus mutabilis "Fuyō"
 Aphis gossypii 57, 65
Hibiscus rosa-sinensis "Bussōge"
 Aphis gossypii 57, 65, 161
Hibiscus syriacus "Mukuge"
 Aphis craccivora 2, 119
 Aphis gossypii 57, 65, 66, 72, 80, 84
 Aulacorthum magnoliae 147
Malva sylvestris var. mauritiana "Zeni-aoi"
 Amphorophora malvicola 119
Malva verticillata "Aoi"
 Aphis gossypii 119
Malva sp.
 Aphis gossypii 35
 Macrosiphum malvicola 35
 STERCULIACEAE
Firmiana simplex "Ao-giri"
 Aphis gossypii 127
 THEACEAE
Camellia japonica var. hortensis "Tsubaki"
 Myzus inuzakurae 119
 Toxoptera aurantii 65
 Toxoptera odinae 210
Camellia sp.
 Toxoptera aurantii 74
Eurya japonica "Hisakaki"
 Aphis euryae 84
 Toxoptera odinae 211
Ternstroemia gymnanthera "Mokkoku"
 Aulacorthum magnoliae 80
Thea sinensis "Cha"
 Sinomegoura citricola 119
 Toxoptera aurantii 65, 70, 74, 119, 127
 BIXACEAE
Bixa orellana "Beni-noki"
 Sinomegoura citricola 58
 VIOLACEAE
Viola mandshurica "Sumire"
 Aphis sumire 59
Viola sp.
 Aphis sumire 70, 201
 Myzus ascalonicus 198
 Neotoxoptera formosana 65, 119
 STACHYURACEAE
Stachyurus praecox "Kibushi"
 Xenosiphonaphis japonica 190
 CACTACEAE
Cactus sp.
 Aphis gossypii 57, 65
 ELAEAGNACEAE
Elaeagnus glabra "Tsuru-gumi"
 Capitophorus elaeagni 166
Elaeagnus multiflora "Natsu-gumi"
 Capitophorus elaeagni 10, 65
 Capitophorus hippophaes javanicus 65
 Myzus gumi 119
Elaeagnus sp.
 Capitophorus elaeagni 61, 65, 70, 98
 Capitophorus hippophaes javanicus 37, 61, 80, 127
 Myzus gumi 84
 LYTHRACEAE
Lagerstroemia indica "Saru-suberi"
 Aulacorthum magnoliae 147, 152
 Tinocallis kahawaluokalani 80, 83, 111, 119, 133
Lagerstroemia sp.
 Aulacorthum magnoliae 199
 PUNICACEAE
Punica granatum "Zakuro"
 Aphis gossypii 57, 65
 Aphis punicae 84
 MYRTACEAE
Eugenia densiflora
 Sinomegoura citricola 58
Psidium guyava "Banjirō"
 Aphis gossypii 161
 Greenidea formosana 119, 161
 MELASTOMATACEAE
Melastoma candidum "No-botan"
 Aphis gossypii 57, 65
 ONAGRACEAE
Epilobium sp.
 Acyrtosiphon pisum 35
Fuchsia hybrida "Hokusha"
 Myzus persicae 57, 65
Fuchsia sp.
 Myzus persicae 35
 ARALIACEAE
Acanthopanax divaricatus "Ke-yama-ukogi"
 Toxoptera odinae 37
Acanthopanax spinosus "Yama-ukogi"
 Toxoptera odinae 65
Aralia cinensis "Shina-taranoki"
 Toxoptera odinae 35, 37
Aralia cordata "Udo"
 Aphis acanthopanaci 201

Cavariella araliae 191
 Toxoptera odinae 35
Aralia elata "Tara-no-ki"
 Cavariella araliae 119, 191
 Toxoptera odinae 119
Aralia sp.
 Cavariella araliae 210
Dendropanax trifidus "Kakuremino"
 Cavariella gilbertiae 191
Fatsia japonica "Yatsude"
 Aulacorthum magnoliae 80
 Toxoptera odinae 65
Hedera rhombea "Ki-zuta"
 Aphis hederiphaga 201
Kalopanax pictus "Hari-giri"
 Aphis acanthopanaci 35
 Toxoptera odinae 9, 37, 65
Panax ginseng "Ninjin"
 Myzus persicae 206
 Semiaphis heraclei 65
 Vesiculaphis caricis 65, 98, 119
Tetrapanax papyriferus "Tsūdatsuboku"
 Cavariella nigrocaudata 200
 UMBELLIFERAE
Angelica acutiloba "Tōki"
 Hyalopterus albus 48, 49
Angelica decursiva "Nodake"
 Semiaphis heraclei 65
Angelica polymorpha "Shirane-senkyu"
 Aphis heraclicola 119
 Cavariella japonica 2, 119, 191
Angelica pubescens "Shishi-udo"
 Paramyzus heraclei similis 195
Angelica ursina "Ezo-nyu"
 Cavariella angelicae 37
Chaerophyllum sp.
 Acyrthosiphon pisum 35
Cryptotaenia japonica "Mitsuba"
 Aphis gossypii 57, 119
 Aphis mitsubae 84
 Aphis spiraeicola 65, 119
 Cavariella japonica 191
 Cavariella oenanthi 191
 Cavariella salicicola 10, 65, 86, 119, 191
 Galiaphis cryptotaeniae 200
 Semiaphis heraclei 65
Dystaenia ibukiensis "Seri-modoki"
 Cavariella japonica 191
Heracleum moellendorffii "Hana-udo"
 Cavariella heraclei 191
 Cavariella nipponica 191
 Paramyzus heraclei similis 195
Oenanthe javanica "Seri"
 Aphis gossypii 57, 65, 119
 Aphis spiraeicola 65, 119
 Cavariella oenanthi 191
 Cavariella salicicola 65, 119
 Hydronaphis oenanthi 84, 119
Osmorhiza aristata "Yabu-ninjin"
 Semiaphis heraclei 65
Peucedanum japonicum "Botan-bōfū"
 Aphis gossypii 57, 65
Peucedanum sp.
 Aphis rumicis 35, 65
 A plant of Umbelliferae
 Semiaphis heraclei 161
 CORNACEAE
Aucuba japonica "Aoki"
 Aulacorthum linderiae 84, 119
 Aulacorthum magnoliae 80
Cornus brachypoda "Kumano-mizuki"
 Anoecia fulviabdominalis 209
 Macrosiphum cornifoliae 85, 86, 119
Cornus controversa "Mizuki"
 Anoecia fulviabdominalis 10, 65, 70, 98, 111, 119, 207
 Rhopalosiphum corniculum 37
Cornus kousa "Yama-bōshi"
 Macrosiphum cornifoliae 119, 127
Cornus sp.
 Anoecia fulviabdominalis 36, 65
 GAMOPETALAE
 CLETHRACEAE
Clethra barbinervis "Ryōbu"
 Matsumuraja rubifoliae 69, 176, 207
 ERICACEAE
Enkianthus perulatus "Dōdan-tsutsuji"
 Akkaia polygoni 85, 86, 98, 119
 Aulacorthum magnoliae 80
Enkianthus sp.
 Akkaia polygoni 189
Pieris sp.
 Aulacorthum magnoliae 199
Rhododendron albrechtii "Miyama-tsutsuji"
 Vesiculaphis caricis 65
Rhododendron indicum "Satsuki"
 Vesiculaphis caricis 65
Rhododendron kaempferi "Yama-tsutsuji"
 Vesiculaphis caricis 65, 211
Rhododendron obtusum "Kirishima-tsutsuji"
 Vesiculaphis caricis 65
Rhododendron sp.
 Vesiculaphis caricis 98, 119
 Vesiculaphis kongoensis 200
 PRIMULACEAE
Cyclamen europeanum "Buta-no-manjū"
 Aulacorthum circumflexum 10, 65
 Myzus persicae 10
Cyclamen sp.
 Aulacorthum circumflexum 119

Myzus persicae 65
Lysimachia mauritiana "Hama-bossu"
 Aphis gossypii 57, 65
Primula sieboldii "Sakura-sô"
 Myzus primulana 10, 35, 65, 119
Primula sp.
 Myzus persicae 65
 EBENACEAE
Diospyros kaki "Kaki-no-ki"
 Myzus persicae 206
 STYRACACEAE
Styrax japonica "Ego-no-ki"
 Astegopteryx pseudostracophila 114, 119
 Astegopteryx styracophila 80, 114, 119, 127
 Astegopteryx takenouchii 114
 Ceratovacuna nekoashi 36, 48, 49, 51
Styrax obassia "Hakuun-boku"
 Astegopteryx styraci 36,48,49,51,114,119,127
 Prociphilus oriens 30
Styrax sp.
 Astegopteryx takenouchii 119, 165
 OLEACEAE
Forsythia japonica "Yamato-rengyô"
 Prociphilus oriens 30
Forsythia suspensa "Rengyô"
 Aulacorthum magnoliae 147
 Prociphilus kuwanai 65
Fraxinus americana "Amerika-toneriko"
 Prociphilus oriens 30
Fraxinus excelsior "Seiyô-toneriko"
 Prociphilus oriens 30
Fraxinus lanuginosa "Ao-damo"
 Prociphilus oriens 12, 30
Fraxinus longicuspis "Yamato-aodamo"
 Chaitophorus fraxinicolus 38
 Rhopalosiphum fraxinicola 35
Fraxinus mandshurica var. japonica "Yachi-damo"
 Prociphilus oriens 12, 22, 30
Fraxinus sieboldiana "Maruba-aodamo"
 Prociphilus oriens 22
Fraxinus spaethiana "Shioji"
 Prociphilus oriens 48, 49
Fraxinus velutina "Beruchina-toneriko"
 Prociphilus oriens 30
Fraxinus sp.
 Prociphilus oriens 36
Ligustrum obtusifolium "Ibota-no-ki"
 Anuraphis ligustri 85, 86, 119
 Aulacorthum ibotum 2, 119
 Prociphilus oriens 30
Ligustrum ovalifolium "Ôba-ibota"
 Prociphilus oriens 30
Ligustrum tschonoskii var. glabrescens "Ezo-ibota"
 Prociphilus oriens 30
Ligustrum sp.
 Aulacorthum ibotum 199
Osmanthus heterophyllus "Hiragi"
 Prociphilus osmanthae 2
Osmanthus insularis "Nataore-no-ki"
 Toxoptera odinae 70
Syringa reticulata "Hashidoi"
 Aulacorthum syringae 37, 199
 Prociphilus oriens 30, 36
Syringa vulgaris "Murasaki-hashidoi"
 Prociphilus oriens 12, 22, 30
Syringa sp.
 Macrosiphum malvicola 35
 Prociphilus oriens 30
 LOGANIACEAE
Buddleja venenifera "Urajiro-fujiutsugi"
 Aphis spiraeicola 65
 APOCYNACEAE
Nerium indicum "Kyôchikutô"
 Aphis nerii 119, 127, 133
 Myzus persicae 57, 65
Nerium sp.
 Aphis nerii 161
Trachelospermum jasminoides var. pubescens "Ke-teika-kazura"
 Toxoptera aurantii 65, 74
 ASCLEPIADACEAE
Asclepias curassavica "Tô-wata"
 Aphis gossypii 57, 65
Asclepias sp.
 Aphis gossypii 35
Metaplexis japonica "Gagaimo"
 Aphis nerii 119, 127
 CONVOLVULACEAE
Calystegia japonica "Hirugao"
 Aulacorthum magnoliae 147
Convolvulus sp.
 Aphis gossypii 35
Ipomoea batatas var. edulis "Satsuma-imo"
 Aulacorthum magnoliae 65, 74
 Myzus persicae 1, 34, 57, 65, 161, 206
Ipomoea hil "Asagao"
 Aulacorthum magnoliae 2
 Myzus persicae 10, 57
Ipomoea sp.
 Myzus persicae 35
 BORAGINACEAE
Borago sp.
 Aphis rumicis 35, 65
 VERBENACEAE
Callicarpa japonica "Murasaki-shikibu"
 Aphis gossypii 57, 65, 66
Clerodendron japonicum "Hi-giri"
 Aphis gossypii 66
Clerodendron trichotomum "Kusagi"
 Aphis clerodendri 35

Aphis gossypii 2, 57, 65, 80, 119, 127, 168
Aulacorthum magnoliae 147
Clerodendron trichotomum var. yakusimense "Amakusagi"
Aphis clerodendri 201
Verbena sp.
Myzus persicae 35, 57, 65
LABIATAE
Clinopodium gracile "Tô-bana"
Eumyzus clinopodii 200
Clinopodium sp.
Chaitomyzus hirticornis 180
Elsholtzia ciliata "Naginata-kôju"
Eriosoma elsholtziae 113, 119, 127
Kaltenbachella japonica 51
Trichosiphoniella momonis 127
Glechoma hederacea var. grandis "Kaki-dôshi"
Aulacorthum glechomae 199
Lamium album var. barbatum "Odorikosô"
Aphis odorikonis 35, 201
Lamium amplexicaule "Kasumi-sô"
Myzus persicae 206
Leonurus sibiricus "Mehajiki"
Aphis gossypii 57, 65, 119, 127, 157
Lycopus lucidus "Shirone"
Cerosipha lycoplicola 119, 127
Mentha arvensis var. piperascens "Hakka"
Aphis gossypii 119
Aulacorthum solani 8, 11, 57, 62, 65
Ovatus menthae 10, 65, 119, 127
Mentha japonica "Hime-hakka"
Ovatus menthae 133
Mentha sp.
Cryptaphis menthae 188
Ovatus minutus nipponicus 200
Mosla japonica "Yama-jiso"
Aphis gossypii 65
Nepeta subsessilis var. yesoensis "Ezo-misogawasô"
Aulacorthum nepetifolii 41
Nepeta sp.
Aphis gossypii 35, 65
Perilla frutescens var. crispa "Shiso"
Aphis egomae 84
Aphis gossypii 10, 57, 65, 80, 84, 119, 127
Aulacorthum perillae 65, 86, 119
Eomyzus nipponicus 59
Perilla frutescens var. japonica "E-goma"
Aphis gossypii 10, 65
Perilla sp.
Aulacorthum perillae 199
Eomyzus nipponicus 180
Plectranthus inflexus "Yama-hakka"
Myzus plectranthi 118, 127
Plectranthus longitubus "Aki-chôji"
Anuraphis floris 51, 119
Plectranthus sp.
Metaphorodon isodonis 200
Stachys japonica var. intermedia "Inu-goma"
Aphis gossypii 84
A plant of Labiatae
Ovatus minutus nipponicus 200
SOLANACEAE
Capsicum annuum "Tô-garashi"
Myzus persicae 1, 57, 65, 119
Datura alba "Chôsen-asagao"
Aphis gossypii 57, 65
Lycium chinense "Kuko"
Aulacorthum magnoliae 65
Lycopersicon esculentum "Tomato"
Aulacorthum solani 8, 10, 57, 62, 65
Myzus persicae 10, 34, 57, 65, 119, 130, 206
Lycopersicon sp.
Aulacorthum solani 35
Myzus persicae 35, 57
Nicotiana tabacum "Tabako"
Aphis gossypii 57
Macrosiphum sobae 119
Myzus persicae 10, 57, 65, 119, 129, 130, 198, 206
Physalis alkekengi "Hôzuki"
Myzus physaliae 86, 119
Myzus persicae 57, 65
Physalis pubescens "Hasuku-tomato"
Myzus persicae 34
Physalis sp.
Aulacorthum solani 35
Myzus persicae 35, 57, 65
Solanum melongena var. esculentum "Nasu"
Aphis gossypii 2, 57, 65, 66, 127
Aulacorthum solani 8, 10, 57, 62, 65
Myzus persicae 10, 34, 57, 65, 119, 130, 161, 206
Solanum tuberosum "Jaga-imo"
Aphis gossypii 2, 57, 65
Aulacorthum solani 8, 10, 57, 62, 65, 146
Macrosiphum euphorbiae 197
Macrosiphum sobae 119
Myzus persicae 1, 10, 34, 57, 65, 119, 146, 206
Rhopalosiphum donarium 65
Rhopalosiphum rufiabdominalis 59
Solanum sp.
Aulacorthum solani 35
Myzus persicae 35, 57, 65
A plant of Solanaceae
Aphis gossypii 80
SCROPHULARIACEAE
Antirrhinum majus "Kingyo-sô"
Myzus persicae 130, 206
Calceolaria corymbosa "Kinchyaku-sô"
Aulacorthum circumflexum 10, 65

- Myzus persicae 10
- Digitalis sp.
Aphis rumicis 35, 65
- Paulownia tomentosa "Kiri"
Aphis gossypii 57, 65, 127
Myzus persicae 34
- Paulownia sp.
Myzus persicae 35, 57, 65
- Veronica didyma var. lilacina "Inunofuguri"
Aphis craccivora 65, 135
Myzus persicae 206
- BIGNONIACEAE
- Campis chinensis "Nôzen-kazura"
Aulacorthum magnoliae 80
- Catalpa ovata "Ki-sasage"
Aphis gossypii 57, 65
- Catalpa sp.
Aphis gossypii 35
- PEDALIACEAE
- Sesamum indicum "Goma"
Myzus persicae 130, 133, 198, 206
- GESNERIACEAE
- Conandron ramondioides "Iwa-tabako"
Xenosiphonaphis conandri 190
- Sinningia speciosa "Ô-iwagiri-sô"
Aulacorthum circumflexum 10, 65
Myzus persicae 10, 57, 65
- ACANTHACEAE
- Justicia procumbens var. leucantha "Kitsune-no-mago"
Aphis justiciae 84
Carolinaia justiciae 86
- PLANTAGINACEAE
- Plantago asiatica "Ôbako"
Myzus plantagifoliae 86, 119, 127
Pemphigus dorocola 127
- Plantago camtschatica "Ezo-ôbako"
Nectarosiphon obako 84
- Plantago sp.
Aphis gossypii 35, 57, 65
Macrosiphum avenae akebiae 197
- RUBIACEAE
- Galium spurium var. echinospermon "Yae-mugura"
Myzus persicae 206
- Galium sp.
Aphis rumicis 35, 65
- Gardenia jasminoides "Korin-kuchinashi"
Sinomegoura citricola 58
- Lasianthus sp.
Sinomegoura citricola 58
- Paederia scandens "Hekuso-kazura"
Aulacorthum esakii 158, 199
Aulacorthum nipponicum 70, 72, 119, 127, 161, 199
- Rubia akane "Akane"
- Macrosiphum rubifoliae 84, 119
- Rubia sp.
Aphis gossypii 65
Myzus persicae 57, 65
- Serissa japonica "Hakuchôge"
Aphis gossypii 57, 65, 84, 119
Aulacorthum magnoliae 65
- CAPRIFOLIACEAE
- Lonicera caerulea var. emphyllocalyx "Kuromi-no-uguisukagura"
Melanosiphum lonicericola 20
- Lonicera gracilipes var. glabra "Uguisu-kagura"
Aulacorthum magnoliae 80
Brachycolus loniceriae 118, 127
Prociphilus konoi 127
Prociphilus loniceriae 126
- Lonicera japonica "Sui-kazura"
Amphicercidus japonicus 119
Trichosiphonaphis loniceriae 200, 211
- Lonicera morrowii "Kinginboku"
Acanthulipes loniceriae 13, 200
Amphicercidus japonicus 9, 13
Neorhopalomyzus lonicericola 13, 200
Prociphilus konoi 13, 22
Prociphilus oriens 30
- Sambucus sieboldiana "Niwatoko"
Aphis sambuci horii 35, 119, 127, 169
Aphis sambucifoliae 70
Aulacorthum magnoliae 65, 74, 80, 119, 127, 147, 152, 169
Rhopalosiphoninus hydrangeae 84
Rhopalosiphum sambuci 37, 105
- Sambucus sp.
Aphis sambuci horii 201
Aulacorthum magnoliae 199
- Viburnum awabuki "Sangoju"
Toxoptera odinae 65
- Viburnum dilatatum "Gamazumi"
Shinjia pteridifoliae 137
Toxoptera odinae 37, 70
- Viburnum erosum "Kobano-gamazumi"
Shinjia pteridifoliae 43
- Viburnum japonicum "Hakusan-boku"
Shinjia pteridifoliae 55
- Viburnum opulus var. calvescens "Kan-boku"
Aulacorthum magnoliae 147
- Viburnum plicatum var. tomentosum "Yabu-demari"
Toxoptera odinae 2, 65, 119
- Viburnum sp.
Phorodon viburni 37
Rhopalosiphum smilacis 37
- Weigela hortensis "Tani-utsugi"
Micromyzus weigelae 200
- Weigela japonica "Tsukushi-yabu-utsugi"
Myzopsis diervillae 37

VALERIANACEAE

Patrinia scabiosaefolia "Ominaeshi"

Aphis spiraeicola 65

Patrinia villosa "Otokoeshi"

Aphis patriniae 201

Valeriana fauriei "Kanakano-s8"

Aphis spiraeicola 65

CUCURBITACEAE

Benincasa hispida "T8-guwa"

Aphis gossypii 10, 57, 65

Citrullus vulgaris "Suika"

Aphis gossypii 10, 49, 57, 65, 127

Cucumis melo var. makuwa "Makuwauri"

Aphis gossypii 10, 57, 65

Cucumis sativus "Ki-uri"

Aphis gossypii 2, 10, 48, 49, 57, 65, 66, 127

Myzus persicae 34, 130, 206

Cucumis sp.

Aphis gossypii 35

Myzus persicae 34, 35

Cucurbita moschata var. melonaeformis "B8bura"

Aphis gossypii 65

Cucurbita moschata var. toonas "Kabochoa"

Aphis gossypii 10, 57, 65

Aulacorthum magnoliae 65, 74

Aulacorthum solani 10, 57, 62, 65

Myzus persicae 10, 57, 65

Cucurbita pepo "Seiy8-kabochoa"

Aphis gossypii 57

Aulacorthum solani 8

Cucurbita sp.

Aphis gossypii 35

Lagenaria leucantha var. clavata "Y8gao"

Aphis gossypii 10

Luffa cylindrica "Hechima"

Aphis gossypii 57, 65

A plant of Cucurbitaceae

Aphis gossypii 80

CAMPANULACEAE

Adenophora triphylla var. japonica "Tsurigane-ninjin"

Dactynotus triphyllae 40

Macrosiphum adenophorae 37

Adenophora sp.

Macrosiphum adenophorae 119

Campanula punctata "Hotaru-bukuro"

Dactynotus neocampanulae 192

Campanula sp.

Dactynotus kikioensis 192

Codonopsis lanceolata "Tsuru-ninjin"

Aulacorthum taiwanum 199

Platycodon grandiflorum "Kiky8"

Dactynotus kikioensis 65, 121

Dactynotus rudbeckiae 2

COMPOSITAE

Achillea sibirica "Nokogiri-s8"

Anuraphis spiranthi 84, 119

Adenocaulon himalaicum "No-buki"

Aleurodaphis nobukii 85

Rhopalosiphum adenocauli 70, 84

Ambrosia artemisiifolia var. elatioides "Buta-kusa"

Aphis gossypii 57, 65

Ambrosia sp.

Aphis gossypii 35

Ammobium alatum "Kai-zaiku"

Anuraphis ammobii 10, 65, 119

Arctium lappa "Gob8"

Aulacorthum cirsiicola 65

Aulacorthum solani 8, 10, 57, 62, 65

Capitophorus elaeagni 10, 65, 86, 98, 119

Dactynotus gobonis 10, 35, 65, 88, 119

Macrosiphoniella grandicauda 202

Myzus persicae 206

Schizaphis graminum (?) 65

Arctium sp.

Aphis gossypii 35

Dactynotus gobonis 192

Artemisia annua "Kuso-ninjin"

Macrosiphoniella pseudoartemisiae 60, 100, 119

Artemisia capillaris "Kawara-yomogi"

Macrosiphoniella formosartemisiae 202

Myzus cerasi umefoliae 198

Artemisia gilvescens "Wata-yomogi"

Macrosiphoniella chaetosiphon 202

Artemisia indica "Nishi-yomogi"

Cryptosiphum artemisiae 48, 49

Macrosiphum absinthii 2

Plectrochophorus glandulosus 65

Artemisia japonica "Otoko-yomogi"

Macrosiphoniella formosartemisiae 120, 202

Macrosiphoniella yomogicola 35

Artemisia montana "8-yomogi"

Sappaphis piri 10, 65

Artemisia princeps "Yomogi"

Anuraphis artemirhizus 86

Anuraphis farfarae 98, 119, 127

Aphis kurosawai 84

Aphis yomogi 84

Capitophorus formosartemisiae 119

Coloradoa artemisiae artemisicola 200

Coloradoa rufomaculata 65

Cryptosiphum artemisiae 119, 127

Lachnaphis yomogi 83

Macrosiphoniella grandicauda 202

Macrosiphoniella oblonga hidaensis 202

Macrosiphoniella yomogicola 65, 100, 119

Macrosiphoniella yomogifoliae 84, 100, 119, 127

Myzus sakurae 65

Myzus yomogi 84

Phorodon sakurae 98

Pseudolachnus yomogi 83
Sappaphis piri 65, 98, 127
Shinjia pteridifoliae 91
Trichosiphoniella momonis 119
Trichosiphoniella sasakii 48, 80, 90
Artemisia sp.
Aphis kurosawai 163
Cryptosiphum artemisiae 70, 210
Dactynotus macrocaudus 210
Macrosiphoniella artemisiae 210
Macrosiphoniella hikosanensis 60, 70
Macrosiphoniella kuwayamai 60
Macrosiphoniella yomogicola 60, 169
Macrosiphoniella yomogifoliae 60, 70
Aster ageratoides "Noyama-kongiku"
Dactynotus monticola 192
Aster scaber "Shira-yama-giku"
Dactynotus fuchuensis 121
Aster sp.
Macrosiphoniella yomenae 202
Myzus asteriae 198
Atractylodes japonica "Okera"
Aphis gossypii 57, 65
Bidens tripartita "Ta-ukogi"
Aphis taukogi 119, 127
Pemphigus niishimae 127
Blumea sp.
Aleurodaphis blumeae 157
Breca setosa "Ezo-no-kitsune-azami"
Dactynotus cephalonopli 192
Dactynotus gobonis 10, 65
Cacalia hastata var. orientalis "Yobusumasō"
Rhopalosiphum cacaliae 37
Calendula arvensis "Kinsenka"
Myzus persicae 206
Carduus sp.
Aphis cardui 35
Aphis rumicis 35, 65
Carpesium abrotanoides "Yabu-tabako"
Aleurodaphis blumeae 199, 127, 133, 204
Carthamus tinctorius "Benibana"
Aulacorthum solani 8, 11, 62, 65
Dactynotus gobonis 10, 65
Myzus persicae 10, 57, 65
Chrysanthemum burbankii 'Shasta daisy'
Aulacorthum magnoliae 80
Chrysanthemum coronarium var. spatiosum "Shun-giku"
Aphis gossypii 65
Myzus persicae 206
Chrysanthemum leucanthemum "Furansu-giku"
Aphis spiraeicola 65
Aulacorthum solani 65
Myzus persicae 65
Chrysanthemum morifolium "Kiku"
Aphis gossypii 2, 57, 65, 119
Capitophorus formosartemisiae 119
Coloradoa kiku 119
Coloradoa rufomaculata 65
Macrosiphoniella sanborni 10, 65, 100, 119, 161, 164, 166
Macrosiphoniella yomogicola 65, 100, 119
Myzus persicae 57, 65
Pleotrichophorus glandulosus 65, 119
Chrysanthemum sp. "Jochū-giku"
Aphis gossypii 65
Coloradoa rufomaculata 65
Macrosiphoniella sanborni 65
Chrysanthemum sp.
Aphis cardui 35
Aphis gossypii 10, 66
Coloradoa kiku 10
Macrosiphoniella sanborni 2, 35, 60, 202
Macrosiphoniella yomogifoliae 60
Myzus persicae 10
Cirsium dipsacolepis "Mori-azami"
Aphis sambuci horii 119
Cirsium japonicum "No-azami"
Aulacorthum cirsicola 119
Dactynotus giganteus 70
Dactynotus gobonis 10, 65
Dactynotus rudbeckiae 2
Cirsium nipponicum "Nambu-azami"
Macrosiphum naazamii 108, 119
Cirsium spicatum "Yama-azami"
Aulacorthum cirsicola 65, 109, 119
Cirsium sp.
Aulacorthum cirsicola 166, 199
Aulacorthum vandenboshi 6
Capitophorus elaeagni 61, 65, 98, 119, 166
Capitophorus montanus 187
Dactynotus giganteus 37, 119, 192
Dactynotus gobonis 54, 161, 163, 166, 192
Myzus persicae 57, 65
Cosmos bipinnatus 'Cosmos'
Aphis cardui 35
Aphis gossypii 70
Aphis spiraeicola 70
Longicaudus trirhodus 65, 119, 127
Crepidiastrum lanceolatum "Hosoba-wadan"
Myzus lactucicola 164, 198
Cynara scolymus "Chōsen-azami"
Capitophorus elaeagni 10, 65, 119
Dactynotus gobonis 10, 65
Myzus persicae 206
Dahlia pinnata 'Dahlia'
Aulacorthum magnoliae 80
Myzus persicae 206
Erigeron annuus "Hime-joon"
Aphis craccivora 135
Erigeron canadensis "Hime-mukashi-yomogi"

Aphis meijigusae 84
Longicaudus trirhodus 65, 119
Eupatorium chinense var. simplicifolium "Hiyodori-bana"
Aphis tsujii 201
Eupatorium fortunei "Fujibakama"
Brachycaudus helichrysi 65, 70
Eupatorium sp.
Aphis cardui 35
Farfugium japonicum "Tsuwa-buki"
Aphis fukii 65
Gnaphalium affine "Hahako-gusa"
Aphis gnaphalii 84
Gnaphalium hypoleucum "Aki-no-hahako-gusa"
Capitophorus gnathaliifoliae 86
Gymnaster pygmaeus "Shinju-giku"
Aleurodaphis asteris 204
Gymnaster savatieri "Miyama-yomena"
Aleurodaphis mikaniae 70
Helianthus annuus "Himawari"
Myzus persicae 206
Rhopalosiphum padi 65
Heliotrops laevis "Hime-kikuimo"
Aulacorthum circumflexum 10, 65
Heliotrops sp.
Myzus persicae 10
Ixeris dentata "Nigana"
Amphorophora sonchicola 117, 119
Dactynotus formosanus 119
Dactynotus sonchi 119
Hyperomyzus lactucae 2
Macrosiphum sobae 119
Macrosiphum sonchicola 119
Ixeris japonica "Ô-jishibari"
Hyperomyzus lactucae 65
Kalimeris yomena "Yomena"
Aleurodaphis asteris 133
Aleurodaphis blumeae 127
Aulacorthum asteris 199
Dactynotus rudbeckiae 2
Macrosiphoniella parva 60, 84, 119
Macrosiphoniella yomenae 60, 70, 84, 86, 100, 119
Macrosiphoniella yomenafoliae 84
Myzus asteriae 119, 127
Myzus persicae 57, 65, 119
Lactuca indica "Aki-no-nogeshi"
Amphorophora sonchicola 117, 119
Aphis lactucae 84
Dactynotus lactucicola 80
Dactynotus sonchi 119
Hyperomyzus lactucae 119
Lactuca raddeana var. elata "Yama-nigana"
Dactynotus fuchuensis 70
Lactuca scariola var. sativa "Chisha"
Myzus persicae 1, 10, 57, 65
Lactuca sp.
Aphis spiraeicola 65
Dactynotus formosanus 161, 192
Dactynotus fuchuensis 192
Dactynotus picridis 192
Ligularia fischeri "O-takarakô"
Aleurodaphis mikaniae 70
Petasites japonicus "Fuki"
Aphis fukii 46, 48, 49, 65, 84, 119, 127, 201
Aphis gossypii 2, 57, 65
Macrosiphoniella grandicauda 202
Macrosiphum petasitis 35
Myzus persicae 57, 65, 206
Petasites tricholobus "Taiwan-buki"
Aulacorthum cirsicola 65
Petasites sp.
Aphis fukii 70, 201
Aulacorthum kerriae 199
Picris hieracioides var. glabrescens "Kôzorina"
Dactynotus sonchi 40, 192
Picris sp.
Dactynotus picridis 192
Saussurea sp.
Dactynotus saussureae 192
Senecio cannabifolius "Hangon-sô"
Macrosiphum senecionis 35
Senecio cruentus "Shineraria"
Aulacorthum circumflexum 10, 65
Myzus persicae 10, 57, 65
Siegesbeckia glabrescens "Ko-menamomi"
Myzus siegesbeckiae 198
Siegesbeckia pubescens "Menamomi"
Coloradoa rufomaculata 65
Rhopalosiphoninus adenocauli 105, 119
Solidago virga-aurea var. asiatica "Aki-no-kirin-sô"
Aphis tsujii 84, 201
Dactynotus gobonis 65
Dactynotus solidaginis 169
Macrosiphum nipponica 121
Solidago sp.
Aphis cardui 35
Dactynotus amamianus 192
Dactynotus lactucicola 192
Sonchus brachyotis "Hachijôna"
Anuraphis cardui 119
Dactynotus sonchi 40, 119
Hyperomyzus lactucae 65
Macrosiphum sonchicola 35
Sonchus oleraceus "No-geshi"
Amphorophora sonchicola 117, 119
Dactynotus sonchi 88, 119
Hyperomyzus lactucae 2, 65, 119, 164, 168
Myzus persicae 34

Sonchus sp.
 Dactynotus formosanus 192
 Hyperomyzus lactucae 65, 168

Synurus sp.
 Dactynotus gobonis 192

Taraxacum officinale "Seiyō-tampopo"
 Cavariella azami 96

Taraxacum platycarpum "Tampopo"
 Aphis gossypii 57, 65, 119
 Macrosiphum sobae 119
 Myzus persicae 206
 Trama taraxaci 91, 96, 111, 119

Taraxacum sp.
 Aphis gossypii 35
 Dactynotus taraxaci 40

Youngia japonica "Oni-tabirako"
 Dactynotus gobonis 65

Zinnia elegans "Hyakunichi-sō"
 Myzus persicae 206

A plant of Compositae
 Aphis spiraeicola 65
 Aphis sugadaiensis 201
 Brachycaudus helichrysi 65, 210
 Capitophorus gillettei 210
 Dactynotus amamianus 119, 161
 Dactynotus compositae 161
 Dactynotus formosanus 70
 Dactynotus gobonis 65, 161, 163, 166
 Myzus malisuctus 65, 70
 Ovatus compositae 200

INDEX TO PLANT FAMILIES

Acanthaceae	26	Cyperaceae	6	Papaveraceae	14
Aceraceae	21	Dioscoreaceae	7	Pedaliaceae	26
Aizoaceae	12	Ebenaceae	24	Phytolaccaceae	12
Alismataceae	3	Elaeagnaceae	22	Pinaceae	2
Amaranthaceae	12	Ericaceae	23	Pittosporaceae	15
Amaryllidaceae	7	Euphorbiaceae	20	Plantaginaceae	26
Anacardiaceae	20	Fagaceae	9	Podocarpaceae	2
Apocynaceae	24	Ferns	1	Polygonaceae	12
Aquifoliaceae	20	Geraniaceae	19	Portulacaceae	12
Araceae	6	Gesneriaceae	26	Primulaceae	23
Araliaceae	22	Gramineae	3	Pteridaceae	1
Aristolochiaceae	11	Hamamelidaceae	15	Punicaceae	22
Asclepiadaceae	24	Hippocastanaceae	21	Ranunculaceae	13
Aspidiaceae	1	Iridaceae	7	Rhamnaceae	21
Balsaminaceae	21	Juglandaceae	8	Rosaceae	15
Berberidaceae	13	Juncaceae	6	Rubiaceae	26
Betulaceae	8	Labiatae	25	Rutaceae	19
Bignoniaceae	26	Lardizabalaceae	13	Sabiaceae	21
Bixaceae	22	Lauraceae	13	Salicaceae	7
Boraginaceae	24	Leguminosae	18	Sapindaceae	21
Cactaceae	22	Liliaceae	6	Saxifragaceae	15
Campanulaceae	27	Loganiaceae	24	Scrophulariaceae	25
Caprifoliaceae	26	Lyrhraceae	22	Simaroubaceae	20
Caryophyllaceae	12	Magnoliaceae	13	Solanaceae	25
Celastraceae	20	Malvaceae	22	Stachyuraceae	22
Cercidiphyllaceae	13	Melastomataceae	22	Staphyleaceae	21
Chenopodiaceae	12	Moraceae	11	Stemonaceae	6
Clethraceae	23	Mosses	1	Sterculiaceae	22
Commelinaceae	6	Musaceae	7	Styracaceae	24
Compositae	27	Myrtaceae	22	Taxaceae	2
Convolvulaceae	24	Nymphaeaceae	13	Theaceae	22
Coriariaceae	20	Oleaceae	24	Tiliaceae	21
Cornaceae	23	Onagraceae	22	Trochodendraceae	13
Crasulaceae	15	Orchidaceae	7	Ulmaceae	10
Cruciferae	14	Osmundaceae	1	Umbelliferae	23
Cucurbitaceae	27	Oxalidaceae	19	Urticaceae	11
Cupressaceae	3	Palmae	6	Valerianaceae	27

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.

LACHNIDAE

- Cinara cembrae (Cholodkovsky, 1892)
= Lachnus cembrae Seitner, 1936
Pinus pumila
- Cinara chibi Inouye, 1962
Larix leptolepis
- Cinara ezoana 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 alni japonica* 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 polygona 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 illecebrosus
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
 Oenanthе 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.
 Cyclopediaeum europeum
 Heliotrops laevis
 Senecio cruentus
 Sinningia speciosa
- Aulacorthum cirsicola (Takahashi, 1923)
 = Acyrthosiphum cirsicifoliae 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 linderae (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 gilibertiae 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.
Hydranaphis 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 thalictrii 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 yomenaefoliae 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 sumomocola Monzen, 1929
Prunus salicina
- Macrosiphum syringae Matsumura, 1918
Syringa reticulata
- Macrosiphum yasumatsui Moritsu, 1958
Eccoiolopus 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 perforiatum
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 miqeliiana
- 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.
Nuphar 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 samiferum
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
Ailanthus altissima
- Kurisakia onigurumii (Shinji, 1923)
 = Glyphina onigurumii Shinji, 1924
Junglans ailanthifolia
Junglans sp.
Pterocarya rhoifolia
- Kurisakia onigurumii querciphila Takahashi, 1960
Quercus acutissima
Quercus glauca
Quercus serrata
- Lithoaphis shiiae Takahashi, 1959
Castanopsis cuspidata
- Mansakia betulina (Horvath, 1896)
 = Hamamelistes tullgreni Meijere, 1912
Betula platyphylla var. japonica
- Mansakia betulina makabae Inouye, 1963
Betula maximowicziana
- Mansakia gallifoliae Monzen, 1929
Hamamelis japonica
- Mansakia kagamii Monzen, 1929
Hamamelis japonica
- Mansakia miyabei Matsumura, 1917
Hamamelis japonica
- Mansakia shirakabae (Monzen, 1927)
Betula ermani
Betula platyphylla var. japonica
- Metanipponaphis cuspidatae (Essig & Kuwana, 1918)
Castanopsis cuspidata
Castanopsis sp.
Distylium racemosum
Quercus sp.
- Metanipponaphis rotunda Takahashi, 1959
Castanopsis sp.
- Metanipponaphis shiicola Takahashi, 1959
Castanopsis cuspidata
- Microthoracaphis elongata Takahashi, 1958
Quercus myrsinaefolia
Quercus sessilifolia
- Microthoracaphis glaucae Takahashi, 1958
Quercus glauca
- Microthoracaphis querciphaga Takahashi, 1958
Quercus myrsinaefolia
- Microthoracaphis saramaoensis (Takahashi, 1935)
Quercus glauca
- Mindarus abietinus Koch, 1856
Abies firma
Abies sp.
Tsuga sieboldii
- Mindarus japonicus Takahashi, 1931
Abies firma
Abies mayriana
Abies sachalinensis
- Monzenia globuli (Monzen, 1934)
Distylium racemosum
- Neonipponaphis shiiae Takahashi, 1962
Castanopsis cuspidata
- Neothoracaphis yanonis (Matsumura, 1917)
Distylium racemosum
Quercus dentata
Quercus mongolica var. grosseserrata
Quercus serrata
- Nipponaphis amamiana Takahashi, 1962
Machilus sp.
- Nipponaphis distychiei Pergande, 1909
Distylium racemosum
- Nipponaphis distyliicola Monzen, 1934
 = Nipponaphis cuspidatae: Shinji, 1941(partim).
 = Nipponaphis gigantea: Sorin, 1958, Takahashi,

1958.
Castanopsis cuspidata
Distylium racemosum
Quercus acuta
Quercus acutissima
Quercus glauca
Quercus mongolica var. *grosseserrata*
Quercus sp.
- Nipponaphis litseae* Takahashi, 1959
Neolitsea sericea
- Nipponaphis machilicola* (Shinji, 1941)
Machilus thunbergii
Machilus sp.
- Nipponaphis machiliphga* Takahashi, 1959
Machilus sp.
- Nipponaphis monzeni* Takahashi, 1958
Distylium racemosum
Quercus glauca
- Oregma lanigera* Uye, 1924
Miscanthus sinensis
- Oregma ganici* Uye, 1924
Arundinaria simonii
- Oregma sasae* Monzen, 1927
Sasa ramosa
- Oregma uscae* Tao, 1964
 Bamboos
- Paranipponaphis takaoensis* Takahashi, 1959
Quercus sp.
- Parathoracaphis setigera* (Takahashi, 1932)
Quercus glauca
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
Ficus microcarpa
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)
 = Brysocyrtus 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
 = Adeges 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
Picea sitchensis
Aphrastasia tsugae (Annand, 1924)
Picea polita
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
Picea koraiensis
Picea parviflora
Picea pumila
Pineus harukawai Inouye, 1953
Pinus parviflora
Pinus parviflora var. *pentaphylla*
Pinus strobus
Pineus hosoyai Inouye, 1953
Pinus koraiensis
Pinus sp.
Pineus konowashiyai Inouye, 1953
Picea excelsa
- Pineus laevis (Maskell, 1885)
Pinus thunbergii
Pineus matsumurai Inouye, 1953
Pinus densiflora
Pinus thunbergii
Pineus orientalis (Dreyfus, 1888)
Pinus densiflora
Pinus polita
Pinus thunbergii
Pineus pini (Macquart, 1819)
 = *Anisophleba pini* Koch, 1857
Pinus thunbergii
Pineus sylvestris Annand, 1928
Pinus thunbergii
Sacchiphantes karafutonis (Kono & Inouye, 1938)
Picea jezoensis
Sacchiphantes kitamiensis Inouye, 1963
Larix leptolepis
 PHYLLOXERIDAE
Cinacium iaksuiense Kishida, 1924
Pyrus serotina var. *culta*
Moritzziella castaneivora Miyazaki, 1968
Castanea crenata
Viteus vitifolii (Fitch, 1855)
 = *Phylloxera vastatrix* Planchon, 1867
Vitis vinifera

INDEX TO APHID GENERA

Abura.	35	Capitophorus. . . . .	.41	Dysaphis. . . . .	.43
Acanthulipes.	35	Carolinaia. . . . .	.41	Elatobium. . . . .	.43
Acyrtosiphon.	35	Cavariella. . . . .	.41	Eomyzus. . . . .	.43
Adelges.	57	Ceratovacuna. . . . .	.53	Eriosoma. . . . .	.55
Aiceona.	53	Cerosipha. . . . .	.42	Euceraphis. . . . .	.33
Akkaia.	35	Cervaphis. . . . .	.52	Eulachnus. . . . .	.31
Aleurodaphis.	53	Chaetosiphon. . . . .	.42	Eumyzus. . . . .	.43
Allothoracaphis.	53	Chaitomyzus. . . . .	.42	Euthoracaphis. . . . .	.54
Allotrichosiphum.	52	Chaitophorus. . . . .	.32	Eutrichosiphum. . . . .	.52
Amphicercidus.	35	Cholodkovskya. . . . .	.58	Formosaphis. . . . .	.55
Amphorophora.	36	Coloradoa. . . . .	.42	Galliaphis. . . . .	.43
Anoecia.	53	Chromocallis. . . . .	.33	Geocica. . . . .	.55
Anuraphis.	36	Cinacium. . . . .	.58	Glyphina. . . . .	.54
Aphis.	36	Cinara. . . . .	.31	Glyphinaphis. . . . .	.54
Aphorodon.	39	Colopha. . . . .	.55	Greenidea. . . . .	.52
Aphrastasia.	57	Cryptaphis. . . . .	.42	Hamamelistes. . . . .	.54
Astegopteryx.	53	Cryptomyzus. . . . .	.42	Hayhurstia. . . . .	.43
Atarsaphis.	53	Cryptosiphum. . . . .	.42	Hormaphidula. . . . .	.54
Aulacorthum.	39	Dactynotus. . . . .	.42	Hyadaphis. . . . .	.43
Betacallis.	33	Dasyaphis. . . . .	.33	Hyalopterus. . . . .	.43
Betulaphis.	33	Dermaphis. . . . .	.54	Hydranaphis. . . . .	.43
Boerneria.	33	Dinipponaphis. . . . .	.54	Hyperomyzus. . . . .	.43
Brachycaudus.	41	Diphyllaphis. . . . .	.33	Impatientinum. . . . .	.43
Brachycolus.	41	Doraphis. . . . .	.54	Indomegoura. . . . .	.43
Calaphis.	33	Drepanaphis. . . . .	.33	Juncomyzus. . . . .	.43
Callaphis.	33	Dreyfusia. . . . .	.58	Kaltenbachiella. . . . .	.55

Kurisakia	54	Neophyllaphis	34	Sappaphis	51
Lachnaphis	43	Neorhopalomyzus	48	Sappocallis	34
Lachniella	31	Neothoracaphis	54	Schizaphis	51
Lachnus	31	Neotoxoptera	48	Schizolachnus	32
Liosomaphis	44	Nippocallis	34	Schlechtendalia	57
Lipaphis	44	Nippochaitophorus	33	Semiaphis	51
Lithoaphis	54	Nippodysaphis	48	Shinjia	51
Longicaudus	44	Nippolachnus	32	Shivaphis	34
Longiunguis	44	Nipponaphis	54	Sinomegoura	51
Macchiatiella	44	Nurudea	55	Stagona	57
Machilaphis	33	Nurudeopsis	56	Staticobium	51
Macrocaudus	44	Nymphaphis	34	Stomaphis	32
Macromyzus	44	Oregma	55	Sumoia	51
Macrosiphoniella	44	Ovatus	48	Symydoebius	34
Macrosiphum	44	Parachaitophorus	33	Takecallis	34
Mansakia	54	Paracletus	56	Tetraneura	57
Matsumuraja	46	Paramyzus	48	Thecabius	57
Megalocallis	33	Paranipponaphis	55	Therioaphis	34
Megoura	46	Parathoracaphis	55	Thomasiniellula	33
Melanaphis	46	Paratrichosiphum	53	Thoracaphis	55
Melanosiphum	46	Pemphigus	56	Tiliaphis	34
Mesocallis	33	Pentalonia	48	Tinocallis	34
Metanipponaphis	54	Pergandeida	49	Todolachnus	32
Metaphorodon	46	Periphyllus	33	Toxoptera	51
Micromyzodium	46	Phorodon	49	Trama	32
Micromyzus	46	Phyllaphis	34	Trichaitophorus	33
Microthoracaphis	54	Pineus	58	Trichosiphoniella	52
Mimocallis	33	Platyaphis	34	Tsugaphis	55
Mindarus	54	Plectrichophorus	49	Tuberculatus	35
Mollitrichosiphum	53	Prociophilus	56	Tuberculoides	35
Monzenia	54	Pseudolachnus	49	Tuberolachnus	32
Moritziella	58	Pseudomegoura	49	Utamphorophora	52
Myzaphis	46	Pterocomma	49	Vesiculaphis	52
Myzocallis	33	Quadrartus	55	Viteus	58
Myzophis	46	Quernaphis	55	Watabura	57
Myzosiphum	46	Recticallis	34	Xenosiphonaphis	52
Myzus	46	Reticulaphis	55	Xenothoracaphis	55
Nectarosiphon	48	Rhodobium	49	Yamatocallis	35
Neocalaphis	34	Rhopalosiphoninus	49	Yezabura	52
Neocallis	34	Rhopalosiphum	49	Yezaphis	52
Neochromaphis	34	Ryoichitakahashia	51		
Neonipponaphis	54	Sacchiphantes	58		

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, Paratrichosiphum 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.