

## 輸入植物から発見されたアザミウマ類 [追補 III]

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Additional list of Thrips (Thysanoptera) Intercepted at Plant Quarantine of Japan III. Masami MASUMOTO, Yoshikatsu ODA<sup>1)</sup> and Takeshi HAYASE<sup>2)</sup> (Yokohama Plant Protection Station, 1-16-10, Shin-yamashita, Naka-ku, Yokohama 231-0801, Japan) (Present address; <sup>1)</sup>Kobe Plant Protection Station, 1-1, Hatoba-cho, Chuo-ku, Kobe 650-0042, Japan; <sup>2)</sup>Yokohama Plant Protection Station, Sapporo Sub-station, 1 Hitsujigaoka, Toyohira-ku, Sapporo 062-0045, Japan). *Res. Bull. Pl. Prot. Japan* 39: 89-92 (2003).

**Abstract:** In the Plant Protection Station of Japan, the thysanopterous fauna of imported plants has been researched since 1987 at sea- and air-ports where these are imported plants. Previously, more than 100 Thysanoptera species, representing 50 genera and 3 families (Aeolothripidae, Thripidae and Phlaeothripidae) had been reported. In this paper, 52 species of 35 genera within 3 families are newly reported, and 32 species found from the plants and localities not seen in the past plant quarantine records also are reported.

**Key words:** Thysanoptera, thrips, plant quarantine, Japan, intercept

### 緒 言

我が国の生植物、特に野菜及び切花の輸入量は最近 10 年間で急増しており、これらからの害虫発見回数が、輸入検査における全害虫発見回数に占める割合は、1989 年には 50% 以下であったのが 1999 年には 70% に達している (榎本ら, 2000)。また、これら生植物からの発見害虫ではアザミウマ類、アブラムシ類、カイガラムシ類等の微小害虫が特に多い。

植物防疫所では、このような微小害虫の付着状況を把握するため、1987 年から全国の生植物が輸入される海・空港において輸入検査で発見された微小害虫の標本を集積し種名解明を行っている。これまで、アザミウマ目は属まで判明したものを含め 3 科 50 属 100 種以上が明らかになっている (早瀬, 1991; 小田・早瀬, 1994; 榎本ら, 1997)

本稿では、それ以降新たに発見された 3 科 35 属 52 種 (属まで判明した 10 属 13 種を含む) を、それらが発見された植物及び産地を付して報告するとともに、既に報告されている 32 種についても新たな植物と産地の組み合わせを併せて報告する。

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### 1. 検疫初記録種 Newly recorded thrips to Japanese plant quarantine

Suborder TEREBRANTIA (アザミウマ亜目)

Family AEOLOTHRIPIDAE (シマアザミウマ科)

\**Aeolothrips scabiosativia* MOULTON

*Erica* sp. [South Africa]

\**Stomatothrips brunneus* CRAWFORD

*Asparagus officinalis* [Mexico]

Family THIRIPIDAE (アザミウマ科)

Subfamily PANCHAETOTHRIPINAE (アミメアザミウマ亜科)

\**Caliothrips indicus* BAGNALL

*Anethum glaveolens* [Thailand]

\**Tryphactothrips rutherfordi* (BAGNALL)

*Anthurium* sp. [Sri Lanka]

Subfamily SERICOTHRIPINAE

*Neohydatothrips* sp. 1

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\* Not Known to occur in Japan

*Anigozanthos* sp. [Zimbabwe]

Subfamily THRIPINAE (アザミウマ亜科)

*Anaphothrips sudanensis* TRYBOM アワキオビア  
ザミウマ

*Allium fistulosum* [China], *Asparagus officinalis*  
[Thailand], cutflowers [Zimbabwe]

\**Anaphothrips vari* MOULTON

*Hypericum* sp. [New Zealand]

*Aptinothrips rufus* (HALIDAY)

*Camaecyparis pisifera* [Denmark], *Nasturtium*  
*officinale* [U.S.A.]

\**Bathrips* sp.

*Ocimum basilicum* [Thailand]

*Bolacothrips striatopennatus* (SCHMUTZ)

*Asparagus officinalis*, *Coriandrum sativa* [Thailand]

\**Craspedothrips minor* (BAGNALL)

*Acacia farnesiana*, *Acacia* sp., *Asparagus officinalis* [Thailand]

\**Echinothrips americanus* MORGAN

*Capsicum annuum* [Netherlands]

\**Florithrips dilutus* HOOD

*Anigozanthos* sp. [Zimbabwe]

\**Frankliniella australis* MORGAN

*Rubus* sp. [Chile]

\**Frankliniella fallaciosa* PRIESNER

*Rubus* sp. [Mexico]

\**Frankliniella gossypiana* HOOD

*Asparagus officinalis* [Mexico]

\**Frankliniella tritici* (FITCH)

*Vaccinium* sp. [U.S.A.]

\**Frankliniella williamsi* HOOD

*Asparagus officinalis* [Mexico], *Coriandrum sativa* [Thailand], *Zea mays* [Australia, U.S.A.]

*Frankliniella* sp. 1

*Dianthus* sp. [Colombia], *Rosa* sp. [Equador]

**Comments.** The specimens examined run to \**F. panamensis* HOOD by key of MOUND and MARULLO (1996: 120) but the some specimens are often intermediate characteristics between *F. panamensis* and *F. occidentalis*, and are indistinguished from the latter species.

*Frankliniella* sp. 2

*Vaccinium* sp. [U.S.A.]

**Comments.** It is very similar to \**F. bispinosa* MORGAN by having enlarged dorsal surface at

apex with a pair of stout setae on antennal segment II and segment III with a distinct annular swelling on the pedicel, but the specimens examined are shrunk at intermediate of the antennal segment III. These two species are distinguished by proportion of the antennal segment III.

*Frankliniella* sp. 3

*Psidium guajava*, *Rubus* sp. [Mexico]

**Comments.** The specimens examined run to \**F. fulvipennis* MOULTON by key of MOUND and MARULLO (1996: 120) but differ from the latter species by having the legs with almost dark.

\**Glaucothrips glaucus* (BAGNALL)

*Berzelia* sp., *Erica* sp., *Ischyrolepis* sp., *Leucospermum* sp., *Phyllica* sp., *Protea* sp. [South Africa]

\**Lefroythrips lefroyi* (BAGNALL)

*Allium fistulosum* [China]

\**Megalurothrips sjostedti* (TRYBOM)

*Anigozanthos* sp. [Zimbabwe]

*Mycterothrips* sp. 1

*Sandersonia* sp. [Indonesia]

\**Proscirtothrips longipennis* (CRAWFORD)

*Asparagus officinalis* [Mexico]

\**Ramphothrips* sp. 1

*Bauhinia* sp., *Cassia siamea*, *Laucaena glauca* [Thailand]

\**Ramphothrips* sp. 2

*Cryptandra* sp. [Australia]

*Scirtothrips* sp. 1

*Averrhoa carambola* [Mexico]

\**Sorghothrips jonnaphilus* (RAMAKRISHNA)

*Asparagus officinalis* [Thailand]

\**Sorghothrips* sp. 1

*Cymbopogon citratus* [Thailand]

\**Synaptothrips* sp. 1

*Berzelia* sp., *Protea* sp. [South Africa]

\**Tenothrips discolor* (KARNY)

*Dianthus* sp. [Israel]

\**Thrips acaciae* TRYBOM

*Chamelaucium* sp. [South Africa]

*Thrips alliorum* PRIESNER ネギクロアザミウマ

*Allium cepa*, *Allium fistulosum* [China]

\**Thrips minutissimus* LINNAEUS

*Ornithogalum* sp. [France]

- \**Thrips parvispinus* (KARNY)  
*Heliconia* sp. [Mauritius]
- \**Thrips sumatrensis* PRIESNER  
*Sesbania glandiflora* [Thailand]
- \**Tusothrips setiprivus* (KARNY)  
*Acacia* sp. [Thailand]
- \**Tusothrips sumatrensis* (KARNY)  
*Ocimum sanctum* [Thailand], *Beta vulgaris* [Pau-  
lau]
- Suborder TUBULIFERA (クダアザミウマ亜目)  
Family PHLAEOTHIRIPIDAE (クダアザミウマ科)  
Subfamily IDOLOTHIRIPINAE (オオアザミウマ亜  
科)  
*Nesothrips lativentris* (KARNY) アシマガリクダア  
ザミウマ  
*Asparagus officinalis*, *Cassia siamea* [Thailand]
- Subfamily PHLAEOTHIRIPINAE (クダアザミウマ  
亜科)  
\**Aleurodothrips fasciapennis* (FRANKLIN)  
*Citrus aurantiifolia* [Mexico]
- \**Baenothrips moundi* (STANNARD)  
*Hydrangea* sp. [New Zealand]
- \**Dolichothrips* sp.  
*Cassia siamea* [Thailand]
- \**Eparsothrips varicornis* (BAGNALL)  
*Berzelia* sp., *Leucodendron* sp., *Leucospermum*  
sp., *Nebelia* sp., *Paranomus* sp. [South Africa]
- Haplothrips aculeatus* (FABRICIUS) イネクダアザ  
ミウマ  
*Brassica rapa* var. *chinensis*, *Brassica rapa* var.  
*parachinensis* [China], *Cynara scolymus* [Italy]
- \**Haplothrips clarisetis* PRIESNER  
*Berzelia* sp., *Leucospermum* sp., *Nebelia* sp.  
[South Africa]
- \**Haplothrips seuecionis* BAGNALL  
*Anigozanthos* sp., *Craspedia* sp. [Netherlands]
- Karnyothrips flavipes* (JONES)  
*Citrus aurantiifolia* [Mexico]
- Liothrips* sp. 1  
*Piper betle* [Thailand]
- \**Phlaeothrips coriaceus* HALIDAY  
*Ornithogalum* sp. [France]
- \**Plicothrips apicalis* (BAGNALL)  
*Asparagus officinalis* [Thailand]

## 2. 新たな植物と国や地域の組み合わせで発見され たアザミウマ

**Thrips found from the host plants and lo-  
calities not seen in the past plant quaran-  
tine records**

- Suborder TEREBRANTIA (アザミウマ亜目)  
Family AEOLOTHIRIPIDAE (シマアザミウマ科)  
\**Desmothrips propinquus* (BAGNALL)  
*Chamelaucium* sp., *Limonium* sp. [Australia]
- Family THIRIPIDAE (アザミウマ科)  
Subfamily PANCHAETOTHIRIPINAE (アミメア  
ザミウマ亜科)  
*Heliothrips haemorrhoidalis* (BOUCHE) クロトン  
アザミウマ  
*Citrus aurantiifolia* [Mexico], *Viburnum* sp.  
[Italy], *Vaccinium* sp. [New Zealand]
- \**Rhipiphorotherips pulchellus* MORGAN  
*Lagerstroemia speciosa* [Philippine]
- Selenothrips rubrocinctus* (GIARD) アカオピアザ  
ミウマ  
*Litchi chinensis* [Mexico]
- Subfamily THIRIPINAE (アザミウマ亜科)  
*Anaphothrips obscurus* (MÜLLER) クサキイロア  
ザミウマ  
*Cichorium intybus* [U.S.A.], strawberry [Korea]
- Arorathrips mexicanus* (CRAWFORD)  
*Asparagus officinalis* [Thailand, New Zealand]
- Chirothrips manicatus* (HALIDAY) ヒゲブトアザ  
ミウマ  
*Ranunculus* sp. [New Zealand]
- Frankliniella intonsa* (TRYBOM) ヒラズハナアザ  
ミウマ  
*Cynara scolymus*, *Foeniculum vulgare*, *Smilax*  
sp. [Italy]
- Frankliniella occidentalis* (PERGANDE) ミカンキ  
イロアザミウマ  
*Allium tuberosum* [China]; *Asparagus officinalis*  
[Australia], *Brassica juncea* [Mexico]; *Brassica*  
*rapa* var. *chinensis* [China]; *Capsicum annuum*  
[Netherlands]; *Cichorium endivia* var. *latifolium*  
[Mexico]; *Cichorium intybus* [Netherlands]; *Cit-*  
*rus unshiu*, [Korea]; *Coriandrum sativa* [China,  
Mexico]; *Cucurbita* spp. [Mexico, Netherlands];  
*Dianthus* sp. [Equador, Turkey]; *Foeniculum*  
*vulgare* [Italy, Mexico]; *Ocimum basilicum*

- [Thailand]; *Perilla frutescens* var. *crispa* [China]; *Petroselinum crispum*, *Phaseolus vulgaris*, *Pisum sativum*, [Mexico]; *Rosa* sp. [Korea]; *Rubus* spp. [Mexico]; *Smilax* sp., *Viburnum* sp. [Italy]
- \**Frankliniella schultzei* (TRYBOM)  
*Leucospermum* sp. [South Africa]
- Frankliniella tenuicornis* (UZEL) カホンカハナアザミウマ  
*Brassica oleracea* var. *acephala*, *Brassica rapa* var. *chinensis* [China]; *Brassica oleracea* var. *italica* [France]; *Cichorium intybus* [Italy]; *Foeniculum vulgare* [China, France, Italy];
- \**Limothrips cerealium* (HALIDAY)  
*Asparagus officinalis* [Australia]; *Leucospermum* sp. [South Africa]; *Ornithogalum* sp. [France]; *Rubus* spp., *Vaccinium* sp. [Chile]
- Megalurothrips distalis* (KARNY) マメハナアザミウマ  
*Capsicum annuum* [Korea]  
*Megalurothrips usitatus* (BAGNALL)  
*Oncidium* sp. [Taiwan]
- Microcephalothrips abdominalis* (CRAWFORD) コスモスアザミウマ  
*Oncidium* sp. [Taiwan]
- Scirtothrips dorsalis* HOOD チャノキイロアザミウマ  
*Acacia farnesiana* [Thailand]
- Stenchaetothrips biformis* (BAGNALL) イネアザミウマ  
*Dendrobium* sp. [Thailand]
- \**Thrips angusticeps* (UZEL)  
*Cynara scolymus* [France]; *Asparagus officinalis*, *Brassica oleracea* var. *italica*, *Brassica oleracea* var. *sabauda* [Italy]
- \**Thrips atratus* HALIDAY  
*Cynara scolymus* [Italy]
- \**Thrips australis* BAGNALL  
*Eucalyptus* sp. [Italy]; *Nebelia* sp. [South Africa]
- \**Thrips fuscipennis* HALIDAY  
*Cynara scolymus* [France]; *Rubus* sp. [U.S.A.]
- Thrips hawaiiensis* (MORGAN) ハナアザミウマ  
*Allium fistulosum* [China]; *Michelia* sp. [Thailand]
- \**Thrips imaginis* BAGNALL  
*Dendrobium* sp., *Abelmoschus esculentus* [Thailand]
- \**Thrips madronii* MOULTON  
*Brassica oleracea* var. *italica*, *Rubus* sp. [U.S.A.]
- \**Thrips major* UZEL  
*Acacia* sp. [Italy]
- Thrips simplex* (MORISON) グラジオラスアザミウマ  
*Oncidium* sp. [Taiwan]; *Zantedeschia* sp. [Equador]; *Sandersania* sp. [New Zealand]; *Watsonia* sp. [Portugal]; *Leucospermum* sp. [South Africa]
- \**Thrips vulgatissimus* HALIDAY  
*Cynara scolymus* [France]
- Suborder TUBULIFERA (クダアザミウマ亜目)  
Family PHLAEOTHIRIPIDAE (クダアザミウマ科)  
Subfamily PHLAEOTHIRIPINAE (クダアザミウマ亜科)
- \**Haplothrips angustus* HOOD  
*Alstroemeria* sp. [Australia]
- \**Haplothrips bituberculatus* (GIRAULT)  
*Leucodendron* sp. [Australia]
- \**Haplothrips froggatti* HOOD  
*Delphinium* sp., *Lachnostachus* sp., *Leucodendron* sp. [Australia]
- Haplothrips gowdeyi* (FRANKLIN) アカオビハナクダアザミウマ  
*Anigozanthos* sp. [Zimbabwe]; *Leucospermum* sp. [South Africa]; *Rosa* sp. [India]
- \**Haplothrips robustus* HOOD  
*Ptilotus* sp. [Australia]

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