

**THE APHIDS (HOMOPTERA:APHIDIDAE)
OF BRITISH COLUMBIA
9. FURTHER ADDITIONS**

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ABSTRACT

Ten species of aphids and new host records are added to the taxonomic list of the aphids of British Columbia.

INTRODUCTION

Five previous lists of the aphids of British Columbia (Forbes, Frazer and MacCarthy 1973; Forbes, Frazer and Chan 1974; Forbes and Chan 1976, 1978, 1980) recorded 326 species. This includes aphids collected from 611 hosts or in traps and comprises 1129 aphid-host plant associations.

The present list adds 10 species of aphids (indicated with an asterisk in the list) and 44 aphid-host plant associations to the previous lists. Twenty-five of the new aphid-host plant associations are plant species not in the previous lists. The additions bring the number of known aphid species in British Columbia to 336. Aphids have now been collected from 636 different host plants and the total number of aphid-host plant associations is 1173.

As in the previous lists, the aphids are arranged alphabetically by species. All names are in accordance with Eastop and Hille Ris Lambers (1976). The location of each collection site can be determined from Table 1 or from the tables of localities in the previous papers. The reference points are the same as those shown on the map which accompanies the basic list.

TABLE 1. Localities where aphids were collected, with airline distances from reference points.

Locality	Reference Point	Dir.	Distance	
			km	mi
Armstrong	Kamloops	E	84	53
Mobley Lake	Kamloops	NE	91	57
Nicola Valley	Kamloops	S	60	37

LIST OF SPECIES

AEGOPODII (Scopoli), CAVARIELLA

Lomatium dissectum var. *multifida*: Vancouver (UBC), Jun 11/79.

Lomatium nudicaule: Vancouver (UBC), Jun 11/79.

ALBIFRONS Essig, MACROSIPHUM

Lupinus arboreus: Victoria, 1924 (Glendenning 1924).

Lupinus argenteus var. *argenteus*: Vancouver (UBC), Jun 21/79.

Lupinus polyphyllus: Nicola Valley, Jun/26, Jul/26 (MacDougall 1926).

Lupinus rivularis: Nicola Valley, Jun/26, Jul/26 (MacDougall 1926).

***ASPARAGI Mordvilko, BRACHYCOLUS**

Asparagus officinalis: Armstrong, Jun 4/81; Summerland, May 7/80, Sep 11/79.

Asparagus densiflorus 'Sprengeri': Vancouver (CDA), May 5/81, Sep 20/80.

Trap: Penticton, Jun 7/76, Jul 5/76; Summerland, May 31/76, Jun 7/76, Jun 28/76, Jul 5/76.

***CASTILLEIAE Sampson, KAKIMIA**

Castilleja miniata: Barkerville, Jul 15/80.

Castilleja sp.: Mobley Lake, Jul 12/66 (Heie 1979).

CIRCUMFLEXUM (Buckton), AULACORTHUM

Hedera canariensis 'Canary Cream': Vancouver, Mar 27/80.

***CORYLI Davis, MACROSIPHUM**

Corylus cornuta var. *californica*: Agassiz, 1925 (Glendenning 1925); New Westminster, 1926 (MacDougall 1926).

***CYNOSBATI Oestlund, KAKIMIA**

Unknown sp.: Vancouver, Sep 30/63 (Heie 1979).

***DAPHNIDIS Börner, MACROSIPHUM**

Daphne x burkwoodii 'Somerset': Vancouver (UBC), Jun 9/80.

Daphne laureola: Vancouver (UBC), Feb 26/81, Apr 11/81, May 9/76, Jun 20/78, Aug 1/78, Oct 2/80.

***EQUISETI Holman, SITOBION**

Equisetum arvense: Vancouver (UBC), Jun 11/80, Jun 14/76, Jun 17/80, Jul 11/78, Sep 30/80, Oct 15/80, Oct 22/80.

ERIOPHORI (Walker), CERURAPHIS

Catalpa speciosa: Vancouver, (UBC), Nov 6/80.

EUPHORBIAE (Thomas), MACROSIPHUM

Hedera canariensis 'Canary Cream': Vancouver, Mar 27/80.

FABAE Scopoli, APHIS

Catalpa speciosa: Vancouver, Nov 6/80.

Lomatium nudicaule: Vancouver (UBC), Jun 10/79.

Papaver rhoeas: Vancouver, Jul 30/80.

*Aphid species not in the previous lists.

FOENICULI (Passerini), HYADAPHIS

Lomatium nudicaule: Vancouver (UBC), Jun 10/79.

FRAGARIAE (Walker), SITOBION

Juncus articulatus: Vancouver (UBC), Aug 26/74.

GOSSYPII Glover, APHIS

Gardenia jasminoides: Vancouver, Jan 3/77, May 2/76, Jun 22/76, Jul 5/76.

HELIANTHI Monell, APHIS

Asparagus officinalis: Creston Flats, Jun 4/80.

HELICHRYSI (Kaltenbach), BRACHYCAUDUS

Arctostaphylos uva-ursi: Vancouver (UBC), May 18/81, Jun 17/80.

***HEUCHERAE (Thomas), KAKIMIA**

Heuchera micrantha var. *diversifolia*: Vancouver (UBC), Jun 11/79.

***MUESEBECKI Knowlton & Allen, KAKIMIA**

Ribes sanguineum: Saanich, May 8/76.

ORNATUS Laing, MYZUS

Catalpa speciosa: Vancouver, Nov 6/80.

PADI (Linnaeus), RHOPALOSIPHUM

Catalpa speciosa: Vancouver (UBC), Oct 25/78.

PERSICAE (Sulzer), MYZUS

Allium tuberosum: Vancouver, Sep 9/80.

Asparagus officinalis: Summerland, Sep 11/79.

Crossandra infundibuliformis: Vancouver (CDA), Jun 18/79.

Spergularia rubra: Vancouver (UBC), Aug 6/80.

PISUM (Harris), ACYRTHOSIPHON

Melilotus officinalis: Fort St. John, Jul 12/80.

ROBINIAE (Gillette), APPENDISETA

Robinia pseudoacacia: Vancouver (UBC), Jun 14/79.

ROSAE (Linnaeus), MACROSIPHUM

Dipsacus fullonum: Vancouver (UBC), Aug 1/80.

SOLANI (Kaltenbach), AULACORTHUM

Aloe barbadensis: Vancouver, Jun 13/79.

Apocynum androsaemifolium: Vancouver (UBC), May 21/81.

Daphne laureola: Vancouver (UBC), May 30/78.

Lysichiton camtschatcense: Vancouver (UBC), May 8/81.

Tellima grandiflora: Vancouver (UBC), May 26/81.

STAPHYLEAE (Koch), RHOPALOSIPHONINUS

Arctostaphylos uva-ursi: Vancouver (UBC), Jun 17/80.

***URTICA Essig, AMPHOROPHORA**

Urtica dioica spp. *gracilis* var. *lyallii*: Ladner, May 3/81.

***VACCINII (Theobald), WAHLGRENIELLA**

Arctostaphylos uva-ursi: Vancouver (UBC), May 18/81, Jun 17/80.

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