

Supplementary Table 1. Geographic locations of sites in northern Great Plains surveyed for crucifer-feeding flea beetles using yellow sticky traps, 2007–2011.

Year	Province/State	Closest town	Latitude N	Longitude W	Ecoregion
2007	British Columbia	Sweetwater	55.759°	120.107°	138
		Dawson Creek	55.767°	120.233°	138
	Alberta	Beaverlodge 1	55.316°	119.366°	138
		Beaverlodge 7	55.149°	119.436°	138
		Beaverlodge BRF	55.200°	119.396°	138
		La Glace	55.320°	119.154°	138
		Valhalla	55.316°	119.366°	138
		Saskatchewan	Pike Lake	51.726°	106.831°
	Saskatoon SRC1		52.158°	106.675°	157
	Saskatoon SRC2		52.162°	106.582°	157
	Saskatoon CDC		52.137°	106.621°	157
	Simpson		51.420°	105.761°	157
	Muenster		52.193°	105.007°	156
	Asquith		52.143°	107.219°	157
	Leader		50.868°	109.566°	159
	Rockhaven		52.680°	108.860°	156
	Davidson		51.220°	105.931°	157
	Unity		52.500°	109.116°	157
	Manitoba		Bradwardine	50.001°	100.456°
		Manitou	49.200°	98.534°	156
Roseisle		49.491°	98.358°	156	
Rosenfeld		49.200°	97.471°	162	
Morris		49.350°	97.367°	162	
Portage la Prairie		49.979°	98.463°	162	
Oakville		49.876°	97.966°	162	
2008		Alberta	Beaverlodge BRF	55.196°	119.400°
	Beaverlodge 2		55.142°	119.434°	138
	Sexsmith		55.414°	118.865°	138
	Barrhead 1		54.239°	114.438°	149
	Barrhead 2		54.247°	114.441°	149
	Westlock		54.164°	114.136°	149
	Morinville		53.850°	113.774°	156
	Cardiff		53.777°	113.619°	156
	Fort Saskatchewan		53.658°	113.027°	156
	Ellerslie		53.426°	113.634°	156
	St. Albert		53.657°	113.443°	156

		Lacombe 1	52.444°	113.721°	156
		Lacombe 2	52.451°	113.757°	156
		Crestomere	52.576°	113.921°	149
		Lochinvar	52.547°	113.477°	156
		Brooks	50.559°	111.852°	159
		Bow Island	49.768°	111.852°	159
		Lethbridge 1	49.702°	112.740°	157
		Lethbridge 2	49.701°	112.741°	157
	Saskatchewan	Smeaton	53.452°	104.875°	149
		Melfort	52.825°	104.594°	149
		Saskatoon 1	52.162°	106.576°	157
		Saskatoon 2	52.158°	106.567°	157
		Avonlea 1	49.993°	105.049°	159
		Avonlea 2	50.051°	105.004°	159
		Rowatt	50.277°	104.635°	157
		Richardson	50.313°	104.509°	157
	Manitoba	Griswald	49.898°	100.478°	156
		Rignold	50.016°	98.532°	162
		Portage la Prairie	50.045°	98.279°	162
		Oakville	49.957°	98.004°	162
		Carman	49.497°	97.999°	162
		St. Elizabeth	49.381°	97.849°	162
		Lowe Farm	49.351°	97.555°	162
2009	Alberta	Hotchkiss	57.254°	117.350°	138
		North Star	56.861°	117.651°	138
		Deadwood 1	56.821°	117.577°	138
		Deadwood 2	56.662°	117.245°	138
		Worsley	56.526°	118.979°	138
		Peoria	55.585°	118.142°	138
		Spirit River	55.741°	119.145°	138
		Rycroft	55.833°	118.399°	138
		Eaglesham	55.796°	117.881°	138
		Beaverlodge 1	55.142°	119.434°	138
		Beaverlodge 2	55.265°	119.448°	138
		Beaverlodge 3	55.194°	119.393°	138
		Sexsmith 1	55.385°	118.853°	138
		Sexsmith 2	55.414°	118.904°	138
		Barrhead	54.245°	114.439°	149
		Westlock	54.164°	114.139°	149
		Morinville	53.851°	113.774°	156
		Cardiff	53.770°	113.572°	156

		Fort Saskatchewan	53.658°	112.964°	156
		St. Albert	53.724°	113.657°	156
		Ellerslie	53.424°	113.387°	156
		Lochinvar	52.547°	113.477°	156
		Crestomere	52.576°	113.933°	149
		Brooks	50.589°	111.851°	159
Saskatchewan		Smeaton	53.457°	104.855°	149
		Scott	52.373°	108.876°	157
		Melfort	52.819°	104.593°	149
		St. Benedict	52.567°	105.400°	156
		Saskatoon 1	52.160°	106.576°	157
		Saskatoon 2	52.158°	106.570°	157
		Swift Current 1	50.302°	107.764	159
		Swift Current 2	50.258°	107.743°	159
		Avonlea 1	49.993°	105.049°	159
		Avonlea 2	50.051°	105.004°	159
		Rowatt	50.277°	104.635°	157
		Richardson	50.313°	104.509°	157
		Swan River	51.921°	101.430°	149
		Teulon	50.385°	97.639°	162
		Winnipeg Beach	50.514°	96.987°	155
		Oakville	49.949°	98.016°	162
		Holland	49.580°	98.864°	163
		Carman	49.501°	98.023°	162
		Lowe Farm	49.348°	97.764°	162
		St. Elizabeth	49.307°	97.849°	162
2010	Alberta	Marie Reine	56.338°	117.528°	138
		Worsley	56.519°	118.939°	138
		Homestead	55.516°	119.364°	143
		Valhalla 1	55.371°	119.442°	138
		Valhalla 2	55.466°	119.408°	138
		Hythe 1	55.313°	119.366°	138
		Hythe 2	55.356°	119.353°	138
		Beaverlodge 1	55.124°	119.430°	138
		Beaverlodge 2	55.138°	119.417°	138
		Beavrlodge BRF1	55.195°	119.394°	138
		Beavrlodge BRF2	55.207°	119.394°	138
		Sexsmith 1	55.320°	118.827°	138
		Sexsmith 2	55.305°	118.865°	138
		Barrhead	54.247°	114.440°	149

	Westlock	54.164°	114.139°	149
	Morinville	53.850°	113.774°	156
	Cardiff	53.776°	113.608°	156
	Fort Saskatchewan	53.643°	113.100°	156
	St Albert 1	53.693°	113.627°	156
	St. Albert 2	53.692°	113.628°	156
	St. Albert 3	53.694°	113.634°	156
	Vegreville 1	53.753°	112.212°	156
	Vegreville 2	53.751°	112.198°	156
	Vegreville 3	53.511°	112.072°	156
	Lacombe Met	52.452°	113.765°	156
	Lacombe 2	52.445°	113.885°	156
	Brooks 1	50.597°	111.845°	159
	Brooks 2	49.713°	111.450°	159
	Taber	49.790°	112.110°	159
	Lethbridge W	49.702°	112.740°	157
	Lethbridge E	49.701°	112.741°	157
	Lethbridge 3	49.239°	112.141°	159
Saskatchewan	Medstead	53.274°	108.107°	156
	Scott	52.359°	108.838°	157
	Prince Albert M	53.200°	105.767°	149
	Prince Albert V1	53.200°	105.850°	149
	Prince Albert V2	53.201°	105.850°	149
	Smeaton	53.445°	104.868°	149
	Valparaiso	52.838°	104.271°	149
	Crooked River	52.864°	103.757°	149
	Tisdale	52.845°	103.739°	149
	Melfort	52.834°	104.604°	149
	Saskatoon M	52.177°	106.498°	157
	Saskatoon B6	52.151°	106.587°	157
	Saskatoon B23	52.151°	106.563°	157
	Hanley	51.640°	106.452°	157
	Swift Current	50.256°	107.729°	159
	Eyebrow	50.804°	106.167°	157
	Moose Jaw	50.364°	105.687°	157
	Richardson	50.368°	104.438°	157
	Rowatt	50.283°	104.783°	157
	Strasbourg	51.072°	104.938°	157
	Avonlea 1	49.988°	105.050°	159
	Avonlea 2	50.082°	105.036°	157
	Indian Head 1	50.536°	103.649°	156

	Indian Head 2	50.082°	103.648°	156
	Redvers 1	49.574°	101.428°	156
	Redvers 2	49.567°	101.700°	156
Manitoba	Swan River P	51.951°	101.433°	149
	Swan River A	52.379°	101.058°	155
	Swan River B	51.142°	101.175°	155
	Ethelbert	51.517°	100.383°	161
	Sifton	51.350°	100.133°	162
	Teulon M	50.376°	97.209°	162
	Teulon P	50.343°	97.070°	155
	Forrest Station	49.961°	99.942°	156
	Brandon	49.950°	99.940°	156
	Oakville	49.933°	98.000°	162
	Portage la Prairie	49.983°	98.300°	162
	Beausejour 1	50.083°	96.588	155
	Beausejour 2	50.067	96.517°	155
	Carman	49.501°	98.023°	162
	Lowe Farm	49.348°	97.764°	162
	St. Pierre	49.441°	96.993°	162
	Dufrost	49.363°	97.063°	162
North Dakota	Antler	48.924°	101.420°	46
	Lansford	48.587°	101.451°	46
	Bottineau PG	48.813°	100.665°	46
	Bisbee	48.622°	99.384°	46
	Norwich	48.182°	100.930°	46
	Keene	47.826°	102.843°	43
	Minot SC	48.168°	101.304°	46
	Minot WC	48.178°	101.288°	46
	Minot PG	48.063°	101.294°	46
	Charlson	48.067°	102.904°	43
	Max	47.821°	101.250°	42
	Harvey	47.884°	99.941°	46
	Milton	48.629°	98.355°	46
	Langdon	48.761°	98.342°	46
	Regan	47.115°	100.628°	42
	Regent	46.501°	102.450°	43
	Mott 1	46.375°	102.329°	43
	Mott 2	46.385°	102.466°	43
	Mott 3	46.249°	102.393°	43
	Mott 4	46.444°	102.340°	43
	Mott 5	46.454	102.360°	43
	Mott 6	46.589°	102.308	43

		Prosper	47.002°	97.112°	48
2011	Alberta	Marie Reine	56.142°	117.322°	138
		Eaglesham	55.746°	117.826°	138
		Valhalla 1	55.512°	119.422°	143
		Valhalla 2	55.455°	119.368°	138
		Woking	55.583°	118.767°	138
		Hythe 1	55.322°	119.359°	138
		Hythe 2	55.313°	119.366°	138
		Hythe 3	55.351°	119.455°	138
		Beaverlodge 1	55.195°	119.394°	138
		Beaverlodge 2	55.165°	119.329°	138
		Halcourt 1	55.119°	119.462°	138
		Halcourt 2	55.138°	119.417°	138
		Sexsmith	55.350°	118.783°	138
		Barrhead	54.247°	114.441°	149
		Westlock	54.164°	114.137°	149
		Morinville	53.851°	113.774°	156
		Cardiff	53.769°	113.570°	156
		Fort Saskatchewan	53.665°	113.002°	156
		St. Albert 1	53.693°	113.627°	156
		St. Albert 2	53.693°	113.625°	156
		Ellerslie	53.424°	113.387°	156
		Leduc	53.366°	113.598°	156
		Vegreville 1	53.753°	112.212°	156
		Vegreville 2	53.751°	112.198°	156
		Millet	53.113°	113.416°	156
		Wetaskiwin	54.927	113.191°	156
		Ponoka	52.727°	113.554°	156
		Lacombe 1	52.489°	113.774°	156
		Lacombe 2	52.490°	113.774°	156
		Strathmore	51.050°	113.430°	158
		Brooks	50.560°	111.850°	159
		Vauxhall	50.099°	112.041°	159
		Hays	50.094°	111.800°	159
		Lethbridge 1	49.700°	112.764°	157
		Lethbridge 2	49.699°	112.764°	159
		Lethbridge TP1	49.742°	112.494°	157
		Lethbridge TP2	50.077°	113.259°	157
		Taber	49.783°	112.133°	159
	Bow Island	49.867°	111.367°	159	
	Saskatchewan	Medstead 1	53.297°	108.102°	149
Medstead 2		53.326°	108.047°	149	

	Medstead 3	53.271°	108.122°	149
	Scott	52.367°	108.833°	157
	Prince Albert M	52.937°	106.040°	149
	Prince Albert V	53.170°	105.898°	149
	Smeaton	53.451°	104.877°	149
	St. Benedict	52.571°	105.380°	156
	Melfort	52.845°	104.594°	149
	Saskatoon M	52.170°	106.500°	157
	Elstow	51.994°	106.068°	157
	Saskatoon B6	52.151°	106.570°	157
	Saskatoon B22	52.155°	106.571°	157
	Hanley	51.620°	106.453°	157
	Burr	52.056°	105.150°	156
	Swift Current 1	50.254°	107.749°	159
	Swift Current 2	50.252°	107.747°	159
	Eyebrow	50.809°	106.152°	157
	Strasbourg	51.067°	104.965°	157
	Moose Jaw	50.400°	105.533°	157
	Avonlea 1	49.994°	105.031°	159
	Avonlea 2	49.985°	105.032°	159
	Richardson	50.383°	104.450°	157
	Rowatt	50.333°	104.617°	157
	Indian Head 1	50.539°	103.647°	156
	Indian Head 2	50.656°	103.689°	156
	Swan River	52.131°	101.250°	155
	Thunder Hill	52.067°	101.443°	155
	Minitonas	52.140°	101.159°	155
	Ethelbert	51.568°	100.462°	161
	Sifton	51.350°	100.039°	162
	Gilbert Plains	51.187°	100.295°	161
	Brandon	49.800°	100.052°	156
	Portage la Prairie	50.010°	98.480°	162
	Oakville	49.948°	98.008°	162
	Beausejour K	50.284°	96.488°	155
	Beausejour M	50.091°	96.543°	155
	Carman	49.501°	98.023°	162
	Lowe Farm	49.378°	97.728°	162
North Dakota	Mohall	48.769°	101.563°	46
	Antler	48.937°	101.426°	46
	Bottineau	48.813°	100.666°	46
	Keene	47.898°	102.962°	43
	Minot	48.168°	101.304°	46
	Rugby	48.374°	99.987°	46

Max	47.848°	101.293°	42
Agate	48.633°	99.493°	46
Milton	48.625°	98.049°	46
Langdon W	48.761°	98.339°	46
Langdon (NDSU)	48.758°	98.344°	46
Devil's Lake	48.128°	98.870°	46
Simcoe	48.153°	100.869°	46
Regent 1	46.502°	102.465°	43
Regent 2	46.508°	102.434°	43
Regent 3	46.486°	102.465°	43
Mott 1	46.357°	102.318°	43
Mott 2	46.371°	102.486°	43
Mott 3	46.249°	102.414°	43
Mott 4	46.443°	102.268°	43
Prosper	47.000°	97.116°	48
