

TAXON

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**Polyploidy, infraspecific cytotype variation, and
speciation in Goldenrods: The cytogeography of
Solidago subsect. *Humiles* (Asteraceae) in North America**

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Table S1. Locality and cytovoucher information for 189 published chromosome counts from *Solidago* subsect. *Humiles*. Nomenclature follows Semple & Cook (2006). Countries are designated as follows: Can, Canada; U.S.A., United States. References for counts are indicated by superscripts as follows: a, Beaudry & Chabot (1959); b, Raven & al. (1960); c, Beaudry (1963); d, Beaudry (1969); e, Löve & al. (1971); f, Mulligan & al. (1972); g, Hartman (1977); h, Taylor & Taylor (1977); i, Keil & Pinkava (1979); j, Morton (1981); k, Semple & al. (1981); l, Ward & Spellenberg (1986); m, Ringius & Semple (1987); n, Semple & al. (1989); o, Semple & al. (1992); p, Gervais & al. (1999); q, Semple & al. (2001); r, Semple (2003); s, Semple & Cook (2004).

Species/location	Country	State/prov.	County	Lat.	Long.	Count	Herb.	Voucher(s)
<i>Solidago arenicola</i>								
NW of Cleveland, woods near Locust Creek of Warrior River	U.S.A.	Alabama	Blount	34.02	-86.57	36 ^s	WAT	<i>Semple & Semple 11191</i>
<i>Solidago kralii</i>								
S of Hartford, GA-230 1 km SE of US-341/GA-27	U.S.A.	Georgia	Pulaski	32.28	-83.45	18(9II) ^f	WAT	<i>Cook & al. 701</i>
US-1, NE of Blythe, S of Ellis Pond.	U.S.A.	Georgia	Richmond	33.33	-82.18	18(9II) ^f	WAT	<i>Semple & Semple 11217</i>
<i>Solidago simplex</i> subsp. <i>randii</i> var. <i>gillmanii</i>								
Great Duck Island, Lake Huron	Can	Ontario	Manitoulin	45.69	-82.94	36 ^j	WAT	<i>Morton & Venn 9493</i>
Mackinaw City	U.S.A.	Michigan	Emmet	45.78	-84.74	36 ^c	MT	<i>Voss 58-280, Voss 58-281</i>
Rogers City	U.S.A.	Michigan	Presque Isle	45.42	-83.80	36 ^j	WAT	<i>Morton & Venn 10911</i>
Indiana Dunes State Park	U.S.A.	Indiana	Porter	41.68	-87.02	36 ^m	WAT	<i>Ringius 1511, 1512, 1513, 1516, 1517, 1521</i>
Huron Beach	U.S.A.	Michigan	Presque Isle	45.57	-84.14	36 ^m	WAT	<i>Ringius 1818, 1819</i>
Manistique	U.S.A.	Michigan	Schoolcraft	45.91	-86.32	36 ^m	WAT	<i>Ringius 1840</i>
Baileys Harbor	U.S.A.	Wisconsin	Door	45.07	-87.11	36 ^m	WAT	<i>Ringius 1845, 1847</i>
<i>Solidago simplex</i> subsp. <i>randii</i> var. <i>monticola</i>								
Black Lake	Can	Quebec	Megantic	46.03	-71.40	36 ^a	MT	<i>Beaudry & Cinq-Mars 56-433</i>
Thetford Mines	Can	Quebec	Megantic	46.07	-71.30	36 ^m	WAT	<i>Ringius 1805, 1806, 1808, 1809</i>
Whiteface Mountain	U.S.A.	New York	Essex	44.35	-73.86	36 ^c	MT	<i>Parker 58-19-2</i>
Mount Mansfield	U.S.A.	Vermont	Chittenden	44.54	-72.81	36 ^c	MT	<i>Beaudry 58-246</i>
Mount Desert Island	U.S.A.	Maine	Hancock	44.31	-68.34	36 ^m	WAT	<i>Ringius 1743, 1754, 1757, 1759, 1762, 1763, 1768, 1769</i>
<i>Solidago simplex</i> subsp. <i>randii</i> var. <i>ontarioensis</i>								
Old Woman Bay	Can	Ontario	Algoma Distr.	47.79	-84.90	36 ^d	MT	<i>Purchase 62-5-1, 62-5-2, 62-5-3, 62-5-4, 62-5-5</i>
Gros Cap	Can	Ontario	Algoma Distr.	46.53	-84.59	36 ^m	WAT/MT	<i>Ringius 1448</i>
Michipigoten Harbor	Can	Ontario	Algoma Distr.	47.94	-84.85	36 ^m	WAT	<i>Ringius 1987, 1988, 1989, 1990</i>
Old Woman Bay	Can	Ontario	Algoma Distr.	47.79	-84.90	36 ^m	WAT	<i>Ringius 2005, 2006</i>
Georgian Bay, near Cypress Lake Provincial Park	Can	Ontario	Bruce	45.25	-81.52	36 ^m	WAT	<i>Ringius 2066</i>

Table S1. Continued.

Species/location	Country	State/prov.	County	Lat.	Long.	Count	Herb.	Voucher(s)
Killarney	Can	Ontario	Manitoulin	45.98	-81.46	36 ^m	WAT/MT	<i>Ringius</i> 2041, 2042, 2043, 2045, 2047
Tobermory, end of Elgin Street	Can	Ontario	Bruce	45.25	-81.68	36 ^k	WAT/MO	<i>Semple & Brammall</i> 2788
Tobermory, shore of Lake Huron	Can	Ontario	Bruce	45.25	-81.68	36 ^k	WAT	<i>Semple</i> 2437
Tobermory, along Bay Street	Can	Ontario	Bruce	45.25	-81.68	36(18II) ^k	WAT/MO	<i>Semple & Brammall</i> 2787
Tobermory, along Front Street	Can	Ontario	Bruce	45.26	-81.64	36(18II) ^k	WAT/MO	<i>Semple & Brammall</i> 2780
Copper Harbor	U.S.A.	Michigan	Keweenaw	47.47	-87.86	36 ^m	WAT	<i>Ringius</i> 1887
<i>Solidago simplex</i> subsp. <i>randii</i> var. <i>racemosa</i>								
Aroostook River	Can	New Brunswick	Victoria	46.81	-67.77	36 ^m	WAT	<i>Ringius</i> 1631, 1632, 1633, 1635, 1637, 1639, 1640, 1642, 1643, 1646
Plaster Rock on Tobique River	Can	New Brunswick	Victoria	46.91	-67.39	36 ^m	WAT	<i>Ringius</i> 1780, 1786, 1787
Drummondville, St. Francis River	Can	Quebec	Drummond	45.89	-72.48	36 ^m	WAT	<i>Ringius</i> 1658, 1659, 1661, <i>Semple & Brouillet</i> 3407
Drummondville, St. Francis River	Can	Quebec	Drummond	45.89	-72.48	36 ^k	WAT	<i>Semple & Brouillet</i> 3407
Valley Falls State Park	U.S.A.	West Virginia	Marion	39.39	-80.09	54 ^c	MT	<i>Core</i> 57-661, 57-662, 57-663, 57-664, 57-667, 57-668
Great Falls on the Potomac River	U.S.A.	Maryland	Montgomery	39.00	-77.25	36 ^m	WAT	<i>Semple & Ringius</i> 7663
Arnold Pond	U.S.A.	Maine	Franklin	45.39	-70.79	36 ^m	WAT	<i>Semple & Keir</i> 4621
PA 372 at Susquehanna River	U.S.A.	Pennsylvania	York	39.81	-76.33	36 ^m	WAT	<i>Semple & Ringius</i> 7612
<i>Solidago simplex</i> subsp. <i>simplex</i> var. <i>chlorolepis</i>								
Mount St. Anne	Can	Quebec	Gaspe	49.00	-66.04	18 ^p	QFA	<i>Boudreau</i> 96-175, 96-176
Mount Albert, Gaspe Peninsula, near headwaters of Ruisseau de Diable	Can	Quebec	Gaspe	48.91	-66.18	18 ^m	WAT	<i>Ringius</i> 1691
Mount Albert, Vallee du diable	Can	Quebec	Gaspe	48.91	-66.18	18 ^p	QFA	<i>Lavoie & al.</i> 94-5
Mount Albert, Gaspe Peninsula	Can	Quebec	Gaspe	48.91	-66.18	18 ^m	WAT	<i>Ringius</i> 1690, 1700, 1702
<i>Solidago simplex</i> subsp. <i>simplex</i> var. <i>nana</i>								
Mt. Hood, Cooper Spur Trail below Eliot Glacier	U.S.A.	Oregon	Hood River	45.38	-121.65	18 ^a	WAT	<i>Semple & Xiang</i> 10270
<i>Solidago simplex</i> subsp. <i>simplex</i> var. <i>simplex</i>								
Lac Laberge (seedling)	Can	Yukon	-	60.99	-135.13	18 ^d	MT	<i>Marsh</i> 63-6-1, 63-6-3, 63-6-4, 63-6-5
Lac Laberge (seedling)	Can	Yukon	-	60.99	-135.13	36 ^d	MT	<i>Marsh</i> 63-6-2

Table S1. Continued.

Species/location	Country	State/prov.	County	Lat.	Long.	Count	Herb.	Voucher(s)
Lake Jasper, Jasper National Park	Can	Alberta	–	53.11	–117.99	18 ^j	WAT	<i>Morton NA4600</i>
Lavoy, East of Vegreville on Hwy. 16	Can	Alberta	–	53.47	–111.90	18 ^j	WAT	<i>Morton & Venn NA14175</i>
Muncho Lake Provincial Park	Can	British Columbia	–	58.95	–125.77	18 ⁱ	WAT	<i>Morton & Venn NA14135</i>
Saskatoon	Can	Saskatchewan	–	52.22	–106.75	18 ^j	WAT	<i>Morton NA2234</i>
Watson Lake	Can	Yukon	–	60.06	–128.69	18 ^j	WAT	<i>Morton NA2005</i>
Keele River	Can	NW Territories	Mackenzie Distr.	64.37	–124.90	18(9II) ^f	DAO	<i>Cody 19936</i>
Jasper National Park, Miette Hot Springs	Can	Alberta	–	53.13	–117.78	18 ^m	WAT	<i>Semple & Brouillet 4332</i>
West of Mannville	Can	Alberta	–	53.33	–111.26	18 ^m	WAT	<i>Semple & Brouillet 4283</i>
East of Obed Lake	Can	Alberta	–	53.54	–117.12	18 ^m	WAT	<i>Semple & Brouillet 4315</i>
Kamloops	Can	British Columbia	–	50.68	–120.27	18 ^m	WAT	<i>Chinnappa 615A</i>
North of Kinaskan Lake	Can	British Columbia	–	57.69	–130.04	18 ^m	WAT	<i>Chinnappa 2667</i>
Windermere Lake	Can	British Columbia	–	50.46	–115.99	18 ^m	WAT	<i>Semple & Brouillet 4362</i>
Terrace Bay	Can	Ontario	Thunder Bay Distr.	48.77	–87.11	18 ^m	WAT	<i>Ringius 1970, 1972, 1974, 1977, 1979</i>
3 km west of the Ross River on Campbell Hwy	Can	Yukon	–	61.99	–132.61	18 ^m	WAT	<i>Chinnappa 2307</i>
West of Marshall	Can	Saskatchewan	–	53.22	–109.82	18 ^m	WAT	<i>Semple & Brouillet 4267</i>
Springside	Can	Saskatchewan	–	51.34	–102.74	18 ^m	WAT	<i>Semple & Brouillet 4218</i>
Dawson City	Can	Yukon	–	64.07	–139.42	18 ^m	WAT	<i>Chinnappa 2472</i>
42 km west of Dawson City	Can	Yukon	–	64.23	–140.23	18 ^m	WAT	<i>Chinnappa 2469</i>
7 km south of McQuesten River on Klondike Loop	Can	Yukon	–	63.54	–137.28	18 ^m	WAT	<i>Chinnappa 2662</i>
18 km SW of Ross River on Campbell Hwy	Can	Yukon	–	61.86	–132.36	18 ^m	WAT	<i>Chinnappa 2281</i>
80 km SE of Ross River on Campbell Hwy	Can	Yukon	–	61.75	–131.16	18 ^m	WAT	<i>Chinnappa 2265</i>
Klondike Loop, 12 km S of Pelly Crossing near the 2nd lake	Can	Yukon	–	62.73	–136.69	18 ⁿ	WAT	<i>Chinnappa 2665</i>
Alaska Hwy, KP600, Testa River flats, just N of Testa service station	Can	British Columbia	–	58.79	–122.66	18 ^o	WAT	<i>Chmielewski & al. 3773</i>
Alaska Hwy, 21 km SE of Fireside	Can	British Columbia	–	59.61	–126.79	18 ^o	WAT	<i>Chmielewski & al. 3783</i>
Cassiar Hwy, 6 km N of Boya Lake Provincial Park turnoff	Can	British Columbia	–	59.42	–129.18	18 ^o	WAT	<i>Chmielewski & al. 4720</i>
Cassiar Hwy, KP729.8, at Yukon border	Can	British Columbia	–	60.00	–129.05	18 ^o	WAT	<i>Chmielewski & al. 4709</i>
12 km N of Iskut just N of Tsasbye Creek	Can	British Columbia	–	57.93	–130.05	18 ^o	WAT	<i>Chmielewski & al. 4752</i>

Table S1. Continued.

Species/location	Country	State/prov.	County	Lat.	Long.	Count	Herb.	Voucher(s)
Telegraph Creek Rd., 1 km NE of Telegraph Creek	Can	British Columbia	–	57.91	–131.12	18°	WAT	<i>Chmielewski & al.</i> 4738
Telegraph Creek Rd., 40 km S of Dease Lake	Can	British Columbia	–	58.26	–130.62	18°	WAT	<i>Chmielewski & al.</i> 4735
Telegraph Creek Rd., 5 km S of Dease Lake	Can	British Columbia	–	58.41	–130.08	18°	WAT	<i>Chmielewski & al.</i> 4731
Campbell Hwy, KP570, 21 km SE of Carmacks Junction	Can	Yukon	–	62.04	–135.90	18°	WAT	<i>Chmielewski & al.</i> 4606
Campbell Hwy, KP560, just N of turnoff to Frenchman L. Gov't Campground	Can	Yukon	–	62.08	–135.65	18°	WAT	<i>Chmielewski & al.</i> 4608
Campbell Hwy, KP539, N of turnoff to Frenchman L. Gov't Campground	Can	Yukon	–	62.10	–135.30	18°	WAT	<i>Chmielewski & al.</i> 4610
Campbell Hwy, KP410, 10 km SE of Faro Junction	Can	Yukon	–	62.20	–133.52	18°	WAT	<i>Chmielewski & al.</i> 4614
S of Whitehorse, Klondike Loop 2, KP108.3	Can	Yukon	–	60.59	–134.87	18°	WAT	<i>Chmielewski & al.</i> 3883
Klondike Loop 2, 2 km N of MacGregor Creek, KP406-407	Can	Yukon	–	62.41	–136.59	18°	WAT	<i>Chmielewski & al.</i> 4604
5 km S of Pelly Crossing, Klondike Loop, KP460	Can	Yukon	–	62.78	–136.58	18°	WAT	<i>Chmielewski & al.</i> 4600
Dempster Hwy, KP12.2	Can	Yukon	–	64.03	–138.58	18°	WAT	<i>Chmielewski & al.</i> 4561
Silver Trail Hwy, NE of Stewart Crossing, KP19	Can	Yukon	–	63.38	–136.65	18°	WAT	<i>Chmielewski & al.</i> 4563
Cassiar Hwy. (Hwy-37) 80 km S of Alaska Hwy, ca. 5 km N of Boya Lake	Can	British Columbia	–	59.45	–129.22	18 ^q	WAT	<i>Semple & Semple</i> 10631
Alaska Hwy. just N of Haines Junction	Can	Yukon	–	60.76	–137.54	18 ^q	WAT	<i>Semple & Semple</i> 10623
Klondike Loop (YT-2), KP270, N of Fox Lake	Can	Yukon	–	61.30	–135.55	18 ^q	WAT	<i>Semple & Semple</i> 10626
Tweedsmuir Park, near lodge	Can	British Columbia	–	53.10	–125.88	18(9II) ^h	UBC	<i>Turner</i> 843
Snowy Range, 4 miles NW of Centennial	U.S.A.	Wyoming	Albany	41.35	–106.20	18 ^s	RM	<i>Hartman</i> 3043
Inner Basin, San Francisco Peaks	U.S.A.	Arizona	Coconino	35.34	–111.66	18 ⁱ	ASU	<i>Keil</i> 11724, 11723, <i>Reeves & Keil</i> K11576
Slopes of Mt Fairplay, Taylor Hwy	U.S.A.	Alaska	–	63.68	–142.26	18 ^j	WAT	<i>Morton</i> NA2095
Sante Fe Basin	U.S.A.	New Mexico	Sante Fe	35.76	–105.82	18 ^j	WAT	<i>Morton & Venn</i> NA7105
2 km west of Shaw Creek on Alaska Hwy	U.S.A.	Alaska	–	64.26	–146.15	18 ^m	WAT	<i>Chinnappa</i> 2442
55 km northeast of Slana on Glenn Hwy	U.S.A.	Alaska	–	63.12	–143.29	18 ^m	WAT	<i>Chinnappa</i> 2545
Nederland	U.S.A.	Colorado	Boulder	39.96	–105.52	18 ^m	WAT	<i>Semple</i> 6548
US-50 west of Poncha Springs	U.S.A.	Colorado	Chaffee	38.54	–106.22	18 ^m	WAT	<i>Semple</i> 7743
Echo Lake	U.S.A.	Colorado	Clear Creek	39.66	–105.60	18 ^m	WAT	<i>Semple</i> 6600
Mount Evans	U.S.A.	Colorado	Clear Creek	39.59	–105.65	18 ^m	WAT	<i>Semple</i> 6596, 6597

Table S1. Continued.

Species/location	Country	State/prov.	County	Lat.	Long.	Count	Herb.	Voucher(s)
South of Idaho Springs	U.S.A.	Colorado	Clear Creek	39.73	-105.53	18 ^m	WAT	<i>Semple 6604</i>
South of Grand Mesa on CO-65	U.S.A.	Colorado	Delta	39.01	-107.99	18 ^m	WAT	<i>Semple 7790</i>
West of Monarch Pass	U.S.A.	Colorado	Gunnison	38.50	-106.33	18 ^m	WAT	<i>Semple 7747</i>
RM National Park, Trail Ridge Road	U.S.A.	Colorado	Larimer	40.40	-105.72	18 ^c	COLO	<i>Snyder L11077</i>
Keystone	U.S.A.	Colorado	Summit	39.61	-105.97	18 ^m	WAT	<i>Semple 6556</i>
Florissant	U.S.A.	Colorado	Teller	38.95	-105.28	18 ^m	WAT	<i>Semple & Brouillet 7251</i>
Pike's Peak	U.S.A.	Colorado	Teller	38.84	-105.04	18 ^m	WAT	<i>Semple 7722</i>
Wheeler Peak	U.S.A.	Nevada	White Pine	38.98	-114.31	18 ^m	WAT	<i>Semple 5745</i>
North of Gearhart	U.S.A.	Oregon	Clatsop	46.02	-123.93	18 ^m	WAT	<i>Semple & Brouillet 7113</i>
Powder River Pass	U.S.A.	Wyoming	Johnson	44.16	-107.10	18 ^m	WAT	<i>Semple & Brouillet 4452</i>
Alaska Hwy (MP1368), NW of Tok, 12 km NW of Dot Lake	U.S.A.	Alaska	–	63.70	-144.32	18 ⁿ	WAT	<i>Chinnappa 2456</i>
North of Dot Lake, Alaska Hwy	U.S.A.	Alaska	–	63.67	-144.10	18 ^o	WAT	<i>Chmielewski & al. 4470</i>
Glenn Hwy, 1 km E of Tolsona Lake Rd.	U.S.A.	Alaska	–	62.10	-146.02	18 ^o	WAT	<i>Chmielewski & al. 4102</i>
CO-82 16 km E of Aspen, E of FR-106	U.S.A.	Colorado	Pitkin	39.13	-106.68	18 ^q	WAT	<i>Semple & Zhang 10450</i>
County line, SE of San Mateo, San Mateo Rd.	U.S.A.	New Mexico	McKinley/Valencia	35.30	-107.60	18 ^q	WAT	<i>Semple, Suropto & Ahmed 9368</i>
N of Grants, San Mateo Spring Canyon	U.S.A.	New Mexico	McKinley/Valencia	35.32	-107.62	18 ^q	WAT	<i>Semple, Suropto & Ahmed 9370, 9372</i>
Cebolleta Mts., Mt. Taylor	U.S.A.	New Mexico	Valencia	35.25	-107.59	18 ^q	WAT	<i>Semple, Suropto & Ahmed 9379</i>
Cebolleta Mts., Mt. Taylor	U.S.A.	New Mexico	Valencia	35.25	-107.59	18 ^q	WAT	<i>Semple, Suropto & Ahmed 9380</i>
W of Buffalo, US-16 between Pole Creek & Caribou Creek	U.S.A.	Wyoming	Johnson	44.19	-106.92	18 ^q	WAT	<i>Semple & Xiang 10211</i>
Wheeler Peak	U.S.A.	New Mexico	Taos	36.56	-105.42	18 ^l	NMC	<i>Spellenberg 5822</i>
<i>Solidago spathulata</i>								
Point Reyes	U.S.A.	California	Marin	38.00	-123.00	18 ^d	MT	<i>Nobs 60-235-2, Rousi 60-25</i>
Twin Peaks	U.S.A.	California	San Francisco	37.75	-122.45	18 ^d	MT	<i>Beaudry & al. 59-211, 59-211-1, 59-211-3</i>
Lake Merced	U.S.A.	California	San Francisco	37.72	-122.50	18 ^d	MT	<i>Beaudry & al. 59-210-1, 59-218-1</i>
Point Reyes	U.S.A.	California	Marin	38.00	-123.00	18(9II) ^b	JEPS	<i>Raven 13694</i>
Pebble Beach	U.S.A.	California	San Mateo	37.24	-122.41	18 ^m	WAT	<i>Ringius 1482</i>
North of Sand Lake	U.S.A.	Oregon	Tillamook	45.33	-123.97	18 ^m	WAT	<i>Semple & Brouillet 7119</i>
CA-1, just N of rd. to Point Arena Lighthouse	U.S.A.	California	Mendocino	38.96	-123.73	18 ⁿ	WAT	<i>Semple & Heard 8542</i>
CA-1, N of Anchor Bay, ca. 11 km N of Sonoma Co. line	U.S.A.	California	Mendocino	38.84	-123.63	18(9II) ⁿ	WAT	<i>Semple & Heard 8548</i>

Table S2. Locality and cytovoucher information for 16 published chromosome counts that were rejected in this study. Nomenclature follows Semple & Cook (2006). Countries are designated as follows: Can, Canada; U.S.A., United States. Citations for counts are indicated by the same superscripts as in Table S1.

Identification	Location	Country	State/Prov.	County	Count	Herbarium	Voucher(s)
<i>S. cf. missouriensis</i>	Fort Saskatchewan	Can	Alberta	–	18 ^a	MT	<i>G.H. Turner 55-276-3, 55-276-4, 55-276-5</i>
<i>S. cf. hispida</i>	Perce Mt, Gaspé Peninsula	Can	Quebec	Gaspé	18 ^j	WAT	<i>Morton NA4142</i>
Undetermined	1 km NE of Capitan Peak	U.S.A.	New Mexico	Lincoln	18(9II) ^l	NMC/MO/ASU	<i>Spellenberg 1493</i>
<i>S. speciosa</i>	Black Hills	U.S.A.	South Dakota	Custer	18 ^m	WAT	<i>Semple & Brouillet 4476</i>
<i>S. hispida</i>	18.8 km N of Pancake Bay Provincial Park	Can	Ontario	Algoma Distr.	18 ^{k,m}	WAT/MT/MO	<i>Semple & Brouillet 2862</i>
<i>S. hispida</i>	18.6 km S of Montreal River Harbor, rocky shore of Lake Superior	Can	Ontario	Algoma Distr.	18(9II) ^k	WAT/MO	<i>Semple & Brammall 2860</i>
<i>S. hispida</i>	North of Agawa Bay	Can	Ontario	Algoma Distr.	18 ^m	WAT	<i>Ringius 2009, 2012</i>
<i>S. hispida</i>	Mica Bay	Can	Ontario	Algoma Distr.	18 ^m	WAT	<i>Ringius 2105, 2016, 2018</i>
<i>S. hispida</i>	Pancake Bay	Can	Ontario	Algoma Distr.	18 ^m	WAT/MT	<i>Ringius 1435</i>
<i>S. hispida</i>	Lake Superior, west of Pancake Bay	Can	Ontario	Algoma Distr.	18 ^j	WAT	<i>Morton NA2311</i>
<i>S. missouriensis</i>	Bow Falls, Banff	Can	Alberta	–	36 ^j	WAT	<i>Morton NA3412</i>