

Appendix 2. Target species list

Vascular species	S rank	Flowering time	Highest Detectability	Previous collections by month (%)		Identified vegetatively	Habitat	Comments
				July	Aug.			
<i>Carex houghtoniana</i>	S3S4	June-July	June-July	17	42	No	dry	Fire beneficial; dry acidic sandy soils; often with pine
<i>Carex supina</i>			July	100		No	dry	Dry sandy gravelly habitats, eroding slopes
<i>Carex umbellata</i>	S2	April-July	July	89	0	No	Dry-mesic	sandy habitats in the boreal, especially disturbed areas, open woods particularly pine.
<i>Potentilla multifida</i>	S1	July	July	73	9	Yes	dry	sandy areas, often in slightly disturbed areas
<i>Spiranthes lacera</i>	S1	mid-July to August	mid-July to August	43	57	No	dry	dry woodlands and grasslands; often with <i>Vaccinium myrtilloides</i>
<i>Stellaria arenicola</i>	S1	July to August	Summer	0	22	No	dry	sandy areas only
<i>Tanacetum bipinnatum huronense</i>	S2	May-July	Summer			Yes	dry	gravelly or sandy areas
<i>Carex backii</i>	S3	May-July	Early Summer	38	25	No	both	dry (to moist) shady woods. Elsewhere in riparian woodland. Assoc. with disturbance-fire
<i>Chrysosplenium tetrandrum</i>	S3S4	May-July	May-July			Yes	both	rock crevices, wet conifer forests
<i>Artemisia tilesii</i> spp. <i>elator</i>	S3	July-Sept; fruits late summer and fall	Summer	17	50	Probably	both	woodlands, river flats and alpine slopes
<i>Cypripedium acaule</i>	S3	Late June and July	June-July	23	16	Probably	both	Wetlands, woods, and overgrown sand dunes; deceptive orchid- poor pollination
<i>Malaxis paludosa</i>	S1	June-August		40	60	No	wet	wet bogs, in sphagnum moss
<i>Cardamine pratensis</i>	S3	May-June	Summer	11	0	Probably not (Other similar Cardamine)	wet	along creeks, in swamps; high water table
<i>Carex capitata</i>	S3	June-August	Summer	42	32	No	wet	wet areas, calcareous fens
<i>Carex oligosperma</i>	S3?	Late June and July	Summer	21	56	No	wet	wet meadows and bogs
<i>Carex retrorsa</i>	S3	May-	Late spring to early	45	27	No	wet	swamps and wet meadows

		September	fall					
<i>Chrysosplenium iowense</i>	S3?	May-July	May-July			Yes	wet	shady moist to wet stream banks and marshes in montane areas
<i>Drosera linearis</i>	S3	mid June to early July	Summer			Yes	wet	marl fens, either in shallow water or on soil hummocks
<i>Eupatorium maculatum</i>	S1S2	Late July to early September	Summer			Yes	wet	wet to moist meadows and open woods
<i>Hypericum majus</i>	S2	Late June to September	Summer	75	5	Unsure	wet	wet sites in the boreal forest
<i>Juncus brevicaudatus</i>	S2	July to August (fruits)	Summer	64	7	No	wet	very moist to wet substrate; lake shores and marshes
<i>Sarracenia purpurea</i>	S3	spring flower; pitcher in late spring/summer; fruits summer	Summer			Yes	wet	Bogs, fens, wet meadows
<i>Carex heleonastes</i>	S2	June -August		50	0	No	wet	Wet open calcareous sites on fens and marshes. Also in bogs, muskegs, lakeshores, swamps, wet sandy roadsides, seeps
<i>Panicum acuminatum</i>	SU			0	13	Probably	wet	Moist sandy soils at woodland edges, marshy places, around hot springs
<i>Lycopodiella inundata</i>	S2					Yes	wet	Sphagnum bogs; elsewhere on sand shores and in marshes and other wet sites