



STAR-ORION SOUTH DIAMOND PROJECT  
ENVIRONMENTAL IMPACT STATEMENT

**APPENDIX 5.3.4-C**  
**Species Tables**



**Table 1: Vegetation Species by Habitat Type**

| Common Name               | Latin Name                                   | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|--|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |  | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Alder-leaved Buckthorn    | <i>Rhamnus alnifolia</i>                     |                             |    |    |    | *  |    |    | *  | *  |    | *  | *  | *  | *  | *  | X  | X  | *  | X  | *  |    |    |
| Wild Black Currant        | <i>Ribes americanum</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  | *  |    |    |
| Skunk Currant             | <i>Ribes glandulosum</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | *  |    | X  | *  |    |    |
| Northern Black Currant    | <i>Ribes hudsonianum</i>                     |                             |    |    |    |    |    | *  | *  |    |    | *  | *  | X  | *  |    | *  |    |    | *  | *  | *  |    |
| Bristly Black Currant     | <i>Ribes lacustre</i>                        |                             |    |    |    |    |    |    |    | *  |    | *  | *  | *  | *  |    |    |    |    | X  | *  |    |    |
| Bristly Gooseberry        | <i>Ribes oxycanthoides</i>                   |                             |    | *  |    | *  | X  |    | *  | *  | X  | X  | X  | X  | *  | X  | X  | X  |    | X  | X  |    |    |
| Swamp Red Currant         | <i>Ribes triste</i>                          |                             |    |    |    |    |    |    | *  | *  | *  | *  | *  | X  | *  | *  | *  | *  | *  | X  | *  | *  |    |
| Prickly Rose              | <i>Rosa acicularis ssp. sayi</i>             | X                           | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  |    | X  | X  | *  |    |
| Wood's Rose               | <i>Rosa woodsii</i>                          | *                           |    |    |    |    |    |    | *  | *  |    | *  | *  | *  |    |    |    |    |    | X  | X  |    |    |
| Nagoon Berry              | <i>Rubus arcticus</i>                        |                             |    | *  |    |    |    |    |    |    |    |    |    | *  |    | *  |    | *  | *  | X  | X  |    |    |
| Cloudberry                | <i>Rubus chamaemorus</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| American Red Raspberry    | <i>Rubus idaeus ssp. strigosus</i>           | *                           | *  | X  | X  | X  | X  | *  | X  | X  | X  | X  | X  | X  | *  | *  | X  | *  |    | X  | X  | X  | X  |
| Dwarf Red Raspberry       | <i>Rubus pubescens</i>                       | *                           |    | *  | *  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  |    |
| Beaked Willow             | <i>Salix bebbiana</i>                        |                             |    |    |    |    |    |    | *  | *  |    | *  |    |    | *  | *  |    |    |    | X  | *  |    |    |
| Hoary Willow              | <i>Salix candida</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  | *  |    |    |
| Pussy Willow              | <i>Salix discolor</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Sandbar Willow            | <i>Salix exigua</i>                          |                             |    |    |    |    |    |    |    |    |    | *  | *  |    | *  |    |    |    |    | *  | *  | *  |    |
| Smooth Willow             | <i>Salix glauca</i>                          |                             |    | *  |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Shining Willow            | <i>Salix lucida</i>                          |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Shining Willow            | <i>Salix lucida</i>                          |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Yellow Willow             | <i>Salix lutea</i>                           |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Velvet-fruited Willow     | <i>Salix maccalliana</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    |
| Myrtle-leaf Willow        | <i>Salix myrtillifolia</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |
| Bog Willow                | <i>Salix pedicellaris</i>                    |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Basket Willow             | <i>Salix petiolaris</i>                      |                             |    |    |    |    |    |    |    |    |    |    | *  |    | *  |    |    |    |    |    |    |    |    |
| Tea-leaf Willow           | <i>Salix planifolia</i>                      |                             |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |    |    | *  | *  |    |    |
| Firm-leaf Willow          | <i>Salix pseudomyrsinites</i>                |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  |    |    |
| Autumn Willow             | <i>Salix serissima</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Thorny Buffaloberry       | <i>Shepherdia argentea</i>                   |                             |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Canada Buffaloberry       | <i>Shepherdia canadensis</i>                 | *                           |    | *  | *  |    | *  | X  |    | *  | X  | *  |    | X  | *  | *  | *  | *  |    | *  | *  |    |    |
| Three-toothed Cinquefoil  | <i>Sibbaldiopsis tridentata</i>              | *                           | *  | *  | *  |    |    |    |    |    | *  |    | *  | *  | *  | *  | *  |    |    |    | *  | *  |    |
| Narrow-leaved Meadowsweet | <i>Spiraea alba</i>                          | *                           | X  | *  | *  | X  |    | *  | *  | *  |    | *  | *  | *  | *  | *  | *  |    |    | *  | *  | X  |    |
| snowberry species         | <i>Symphoricarpos species</i>                |                             |    |    |    |    |    |    |    |    | *  |    | *  |    |    |    |    |    |    |    |    |    |    |
| Snowberry                 | <i>Symphoricarpos albus</i>                  | *                           |    | *  | X  |    | X  | *  | X  | X  | X  | X  | X  | X  | X  | X  |    | *  |    | *  | *  |    |    |
| Western Snowberry         | <i>Symphoricarpos occidentalis</i>           | *                           | *  | *  | *  |    |    | X  | X  | *  | X  | *  | *  | *  | *  | *  | X  | *  |    | X  | *  |    |    |
| Poison Ivy <sup>1</sup>   | <i>Toxicodendron rydbergii</i>               |                             |    |    |    |    |    |    |    |    |    | *  |    | *  | *  |    |    |    |    |    |    |    |    |
| Dwarf Blueberry           | <i>Vaccinium caespitosum</i>                 |                             |    | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    | *  |    |    |    |    |
| Velvet-leaf Blueberry     | <i>Vaccinium myrtilloides</i>                | X                           | *  | X  | X  | X  | *  | X  | X  | X  | *  | *  | *  | X  | *  | X  |    | X  | *  | X  | *  | X  | X  |
| Small Bog Cranberry       | <i>Vaccinium oxycoccos</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | *  | X  | *  | *  |    |    |
| Bog Whortleberry          | <i>Vaccinium uliginosum</i>                  |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | *  |    |    |
| Mountain Cranberry        | <i>Vaccinium vitis-idaea ssp. minus</i>      | *                           |    | *  | X  |    |    | *  | *  | X  |    | *  | X  | *  | *  | *  | *  | *  | X  | *  | *  |    |    |
| Low Bush-cranberry        | <i>Viburnum edule</i>                        |                             |    |    |    | *  | X  | *  | X  | X  | X  | *  | X  | *  | X  | *  | X  | *  | *  |    | X  |    |    |
| High-bush Cranberry       | <i>Viburnum opulus var. americanum</i>       |                             |    |    |    |    |    |    | *  |    |    | *  | *  | *  | *  |    |    |    |    |    |    |    |    |
| <b>Forbs</b>              |  |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Common Yarrow             | <i>Achillea millefolium var. millefolium</i> | *                           | *  | *  | X  | *  | X  | *  | *  | X  | *  | *  | *  | *  | *  | X  | *  | X  |    | X  | *  | *  |    |
| Siberian Yarrow           | <i>Achillea sibirica</i>                     |                             |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    |    |    |    |
| Red Baneberry             | <i>Actaea rubra</i>                          |                             |    | *  | *  | *  | *  | *  | *  | *  | X  | X  | *  | X  | *  | X  | *  | *  |    | X  |    |    |    |
| Giant Hyssop              | <i>Agastache foeniculum</i>                  |                             |    |    | *  |    | *  | *  |    | *  |    | *  | *  | *  | *  |    |    |    |    | *  |    |    |    |



**Table 1: Vegetation Species by Habitat Type**

| Common Name                   | Latin Name  | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|---|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               |   | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Fireweed                      | <i>Chamerion angustifolium ssp. angustifolium</i> | *                           | *  | *  | x  | x  | X  | x  | x  | x  | *  | *  | x  | x  | x  | x  | x  | x  |    | x  | x  | x  |    |
| Lamb's-quarter's              | <i>Chenopodium album</i>                          |                             |    |    | *  |    |    | *  |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Pitseed Goosefoot             | <i>Chenopodium berlandieri</i>                    |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |
| Desert Goosefoot              | <i>Chenopodium pratericola</i>                    |                             | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Bulbous Water Hemlock         | <i>Cicuta bulbifera</i>                           |                             |    | *  |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    | *  |    |    |    |
| Water-hemlock                 | <i>Cicuta maculata</i>                            |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    | *  |    |
| Small Enchanter's-nightshade  | <i>Circaea alpina</i>                             |                             |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    | *  |    | *  |    |    |    |
| Canada Thistle                | <i>Cirsium arvense</i>                            |                             |    | *  |    |    |    |    |    |    |    | *  |    | X  |    |    | *  |    | *  | *  | *  | *  | X  |
| Flodman's Thistle             | <i>Cirsium flodmanii</i>                          |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Long-bracted Green Bog Orchid | <i>Coeloglossum viride var. virescens</i>         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    | *  |    |    |    |    |
| Narrow-leaved Collomia        | <i>Collomia linearis</i>                          |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Bastard Toadflax              | <i>Comandra umbellata ssp. umbellata</i>          |                             |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Horseweed                     | <i>Conyza canadensis</i>                          | *                           | *  |    |    |    |    |    |    |    |    |    | *  | *  |    |    | *  |    |    |    | *  |    |    |
| Goldthread                    | <i>Coptis trifolia</i>                            |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |
| Spotted Coralroot             | <i>Corallorhiza maculata</i>                      |                             |    | *  |    |    |    | *  |    |    |    | *  | *  |    |    |    |    | *  |    |    |    |    | X  |
| Early Coralroot               | <i>Corallorhiza trifida</i>                       |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |
| Siberian bugseed              | <i>Corispermum pallasii</i>                       |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Bunchberry                    | <i>Cornus canadensis</i>                          | *                           |    | *  | x  | x  | X  | X  | X  | X  | X  | x  | x  | X  | x  | X  | X  | x  | *  | x  | *  |    |    |
| Golden Corydalis              | <i>Corydalis aurea</i>                            |                             |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |    |
| Annual Hawksbeard             | <i>Crepis tectorum</i>                            |                             | *  | *  | *  |    |    | *  | *  |    |    | *  | *  | *  | *  |    |    |    |    |    |    | *  |    |
| Small Yellow Lady's-slipper   | <i>Cypripedium parviflorum var. makasin</i>       |                             |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Wild Carrot                   | <i>Daucus carota</i>                              | *                           |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Flixweed                      | <i>Descurainia sophia</i>                         |                             | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Fairybells                    | <i>Disporum trachycarpum</i>                      |                             |    | *  |    |    |    | *  | *  | *  | x  | x  | *  | *  |    |    |    |    |    |    |    |    |    |
| Yellow Whitlow-grass          | <i>Draba nemorosa</i>                             | *                           |    | *  | *  |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| American Dragonhead           | <i>Dracocephalum parviflorum</i>                  | *                           | *  | *  |    |    | *  |    |    | *  |    |    | *  |    |    |    |    |    |    |    |    | *  |    |
| Round-leaf Sundew             | <i>Drosera rotundifolia</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  | *  | *  |    |    |    |
| Hairy Willow-herb             | <i>Epilobium ciliatum ssp. cilatum</i>            |                             |    |    | *  |    |    |    |    |    |    |    | *  | *  |    |    | *  |    | *  |    |    |    | X  |
| Marsh Willowherb              | <i>Epilobium palustre</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    | *  |    |    |    |
| Streamside Fleabane           | <i>Erigeron glabellus</i>                         | *                           | *  | *  | *  |    |    |    | *  | *  |    | *  | *  | *  | *  |    |    |    |    |    |    | *  | X  |
| Philadelphia Fleabane         | <i>Erigeron philadelphicus</i>                    | *                           | x  | *  |    |    | *  | *  |    |    | *  | *  | *  | *  | *  |    | *  | *  | *  | *  | *  | *  | X  |
| Wormseed Mustard              | <i>Erysimum cheiranthoides</i>                    |                             | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  | *  |    |
| Flat-top Goldentop            | <i>Euthamia graminifolia</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| American Wild Strawberry      | <i>Fragaria vesca ssp. americana</i>              |                             |    |    |    |    |    | *  | *  | *  | *  | *  |    | x  | *  |    |    |    |    |    |    |    |    |
| Smooth Wild Strawberry        | <i>Fragaria virginiana ssp. glauca</i>            | *                           |    | x  | x  | x  | X  | X  | x  | X  | X  | X  | X  | X  | *  | x  | X  | x  |    | x  | x  | *  |    |
| Hemp-nettle                   | <i>Galeopsis tetrahit</i>                         |                             |    |    |    |    |    | *  |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Northern Bedstraw             | <i>Galium boreale</i>                             | X                           | x  | x  | X  | x  | X  | X  | x  | X  | X  | X  | x  | X  | x  | x  | X  | x  |    | x  |    |    |    |
| Bog Bedstraw                  | <i>Galium labradoricum</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Small Bedstraw                | <i>Galium trifidum</i>                            |                             |    | *  |    |    |    |    | *  | *  |    | *  | *  | *  | *  |    | *  | *  | *  | *  | *  | *  | *  |
| Sweet-scented Bedstraw        | <i>Galium triflorum</i>                           | *                           |    | *  |    |    |    | *  | *  | *  | x  | x  | x  | x  | x  | x  | *  | x  | *  | X  | x  | *  |    |
| Autumn Dwarf-gentian          | <i>Gentianella amarella ssp. acuta</i>            |                             |    |    |    |    |    |    |    |    | *  |    | *  | *  |    |    |    |    | *  |    |    |    |    |
| greater fringed gentian       | <i>Gentianopsis crinata</i>                       |                             |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |    |
| Northern Comandra             | <i>Geocaulon lividum</i>                          | *                           | *  |    | *  |    |    | *  | *  | *  |    | *  | *  | *  | *  | *  | *  | *  | X  | *  | *  |    |    |
| Bicknell's Geranium           | <i>Geranium bicknellii</i>                        |                             | *  |    |    |    | *  | *  | *  | *  |    |    |    | *  |    |    |    |    | *  | *  |    |    |    |
| Yellow Avens                  | <i>Geum aleppicum</i>                             |                             |    |    |    |    |    |    |    |    | *  | *  |    | *  |    |    | *  |    |    |    | X  |    |    |
| Large-leaved Avens            | <i>Geum macrophyllum var. perincisum</i>          |                             |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    | *  |    | *  | *  | *  | *  |    |
| Purple Avens                  | <i>Geum rivale</i>                                |                             |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  |    |    |    |    |
| Old-man's-whiskers            | <i>Geum triflorum var. triflorum</i>              |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |

**Table 1: Vegetation Species by Habitat Type**

| Common Name                        | Latin Name                                     | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------------------------|--|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                    |  | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Wild Licorice                      | <i>Glycyrrhiza lepidota</i>                    |                             | *  |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    |    |    |
| Low Cudweed                        | <i>Gnaphalium uliginosum</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Lesser Rattlesnake-plantain        | <i>Goodyera repens</i>                         |                             |    | *  | *  |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    | *  | *  |    |    |
| Spurred Gentian                    | <i>Halenia deflexa</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  |    | *  | *  |    |    |
| Sweet-broom                        | <i>Hedysarum alpinum</i>                       | *                           |    | *  | *  |    |    | *  | *  |    |    | *  |    |    | *  |    |    |    |    |    |    |    |    |
| Boreal Sweet-vetch                 | <i>Hedysarum boreale</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Mountain Sneezeweed                | <i>Helenium autumnale var. montanum</i>        |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Prairie Sunflower                  | <i>Helianthus couplandii</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Common Tall Sunflower              | <i>Helianthus nuttallii</i>                    |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Stiff Sunflower                    | <i>Helianthus pauciflorus ssp. pauciflorus</i> |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Cow Parsnip                        | <i>Heracleum maximum</i>                       |                             |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Hairy False Golden-aster           | <i>Heterotheca villosa</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Alumroot                           | <i>Heuchera richardsonii</i>                   | *                           |    | *  | *  | *  | *  |    | *  | *  |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Narrow-leaved Hawkweed             | <i>Hieracium umbellatum</i>                    | *                           | *  | *  | *  |    |    |    |    |    |    | *  |    | *  | *  | *  | *  | *  |    |    |    | *  |    |
| Common Mare's-tail                 | <i>Hippuris vulgaris</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Longleaf Bluet                     | <i>Houstonia longifolia</i>                    |                             |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Summer-cypress                     | <i>Kochia scoparia</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Tall Blue Lettuce                  | <i>Lactuca biennis</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |
| Common Blue Lettuce                | <i>Lactuca tatarica var. pulchella</i>         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Cream-coloured Vetchling           | <i>Lathyrus ochroleucus</i>                    | *                           |    | *  | *  | *  | x  | X  | x  | x  | X  | *  | *  | X  | *  | *  | *  |    |    | x  |    | *  |    |
| Marsh Vetchling                    | <i>Lathyrus palustris</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  |    |    |
| Wild Peavine                       | <i>Lathyrus venosus</i>                        | *                           | *  | *  | *  |    | *  |    | *  | *  |    | *  | *  | *  | *  |    | *  |    |    |    |    |    |    |
| Lesser Duckweed                    | <i>Lemna minor</i>                             |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  |    |    |
| Miner's Pepperwort                 | <i>Lepidium densiflorum</i>                    | *                           | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Ox-eye Daisy                       | <i>Leucanthemum vulgare</i>                    |                             | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Large White-flowered Ground-cherry | <i>Leucophysalis grandiflora</i>               |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Meadow Blazing-star                | <i>Liatris ligulistylis</i>                    | *                           | *  | *  | *  |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Western Red Lily                   | <i>Lilium philadelphicum var. andinum</i>      | *                           |    | *  |    |    |    |    | *  | *  |    | *  | *  | *  |    | *  |    | *  |    |    |    |    |    |
| Lewis Wild Flax                    | <i>Linum lewisii</i>                           |                             | *  |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Heart-leaved Twayblade             | <i>Listera cordata var. cordata</i>            |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |
| Water-horehound                    | <i>Lycopus americanus</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Western Water-horehound            | <i>Lycopus asper</i>                           |                             |    |    |    |    |    |    |    |    |    | *  |    |    | X  |    |    |    |    |    | *  |    |    |
| Northern Water Horehound           | <i>Lycopus uniflorus</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    | X  |
| Fringed Loosestrife                | <i>Lysimachia ciliata</i>                      |                             |    |    |    |    |    |    | *  |    | *  | *  | *  |    | *  |    |    |    |    | *  | *  |    |    |
| Tufted Loosestrife                 | <i>Lysimachia thyrsoflora</i>                  |                             |    |    |    | *  |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  | *  |    |    |
| Hoary Tansy-aster                  | <i>Machaeranthera canescens</i>                |                             | *  |    |    |    |    |    |    | *  | *  | *  |    |    |    |    |    |    |    |    |    |    |    |
| Two-leaved Solomon's-seal          | <i>Maianthemum canadense</i>                   | X                           | x  | X  | X  | X  | X  | X  | X  | X  | X  | x  | x  | X  | *  | X  | X  | x  | *  | x  |    | *  |    |
| Starflower False Solomon's-seal    | <i>Maianthemum stellatum</i>                   | *                           | *  | *  | *  | *  | x  | *  | *  |    |    | x  | x  | x  | *  | *  | x  | *  |    | *  | *  | *  |    |
| Three-leaf Solomon's-seal          | <i>Maianthemum trifolium</i>                   |                             |    |    | *  |    |    |    |    |    |    |    |    | *  |    |    |    | *  | x  | x  | *  |    |    |
| Scentless Chamomile                | <i>Matricaria perforata</i>                    |                             |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |
| Black Medic                        | <i>Medicago lupulina</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    | x  |
| Alfalfa                            | <i>Medicago sativa ssp. sativa</i>             |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| American Cow-wheat                 | <i>Melampyrum lineare</i>                      | *                           |    | *  | *  |    | *  |    | *  |    | *  |    |    |    |    | *  |    |    |    | *  |    | *  |    |
| Yellow Sweet-clover                | <i>Melilotus officinalis</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Wild Mint                          | <i>Mentha arvensis</i>                         |                             |    |    |    |    |    | *  |    | *  |    | *  |    |    | x  |    |    |    |    |    | x  | x  | X  |
| Bog Buckbean                       | <i>Menyanthes trifoliata</i>                   |                             |    | *  |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | x  | *  | *  |    | x  |
| Tall Lungwort                      | <i>Mertensia paniculata</i>                    |                             |    | *  | *  |    | x  | *  | x  | x  | X  | x  | *  | X  | *  | x  | X  | x  |    | x  | *  | *  |    |
| Bishop's-cap                       | <i>Mitella nuda</i>                            |                             |    | *  |    |    |    | *  | *  | *  | x  | *  | *  | X  | *  | *  | x  | X  | x  | x  | *  | *  |    |



**Table 1: Vegetation Species by Habitat Type**

| Common Name   | Latin Name                                       | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|--|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|   |  | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Western Dock  | <i>Rumex aquaticus var. fenestratus</i>          |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  |    |    |
| Curled Dock   | <i>Rumex crispus</i>                             |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  |    |    |
| Willow Dock   | <i>Rumex salicifolius var. mexicanus</i>         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |
| Arum-leaved Arrowhead                               | <i>Sagittaria cuneata</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  | *  |    |
| Black Snakeroot                                     | <i>Sanicula marilandica</i>                      |                             |    |    |    |    | *  | *  | *  |    |    | X  | *  | X  | *  |    | *  |    |    | *  | *  | *  |    |
| Pitcherplant  | <i>Sarracenia purpurea ssp. gibbosa</i>          |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Marsh Skullcap                                      | <i>Scutellaria galericulata</i>                  |                             |    | *  |    |    |    |    |    |    |    | *  | *  | *  | *  |    |    |    |    |    | *  | *  |    |
| Silvery Groundsel                                   | <i>Senecio canus</i>                             | *                           | *  | *  |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Desert Ragwort                                      | <i>Senecio eremophilus</i>                       | *                           |    |    |    |    | *  | *  |    |    |    | *  | *  | *  | *  |    | *  |    |    | *  | *  | X  |    |
| Balsam Groundsel                                    | <i>Senecio pauperculus</i>                       | *                           | *  |    |    |    |    |    |    | *  |    |    | *  |    |    |    | *  |    |    |    | *  | *  |    |
| Common Groundsel                                    | <i>Senecio vulgaris</i>                          |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Common Blue-eyed Grass                              | <i>Sisyrinchium montanum</i>                     |                             |    |    |    |    | *  |    |    |    |    | *  |    | *  |    |    |    |    |    |    |    |    |    |
| Water Parsnip                                       | <i>Sium suave</i>                                |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  | *  |    |    |
| Canada Goldenrod                                    | <i>Solidago canadensis</i>                       | X                           | *  | X  | *  | *  | X  | *  | *  | *  | X  | *  | *  | *  | *  | *  | *  |    |    | X  | *  | *  |    |
| Canescent Goldenrod                                 | <i>Solidago canadensis var. gilvocanescens</i>   | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hairy Goldenrod                                     | <i>Solidago hispida var. lanata</i>              | *                           |    |    | *  |    |    |    |    | *  |    |    |    | *  |    |    |    |    |    |    |    | *  |    |
| Missouri Goldenrod                                  | <i>Solidago missouriensis</i>                    | *                           | *  | *  | *  |    |    | *  |    |    |    |    |    | *  |    |    |    |    |    |    |    | *  |    |
| Alpine Goldenrod                                    | <i>Solidago multiradiata var. scopulorum</i>     |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Gray Goldenrod                                      | <i>Solidago nemoralis var. longipetiolata</i>    | *                           | *  | *  |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |    |    |    | *  |    |
| Mt. Albert Goldenrod                                | <i>Solidago simplex</i>                          | *                           | *  | *  | *  |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    | *  |    |
| Field Sow-thistle                                   | <i>Sonchus arvensis</i>                          |                             | *  | *  |    |    | *  | *  | *  |    | X  | *  | *  | *  | X  | *  |    | *  |    | *  | *  | X  | X  |
| Prickly Sow-thistle                                 | <i>Sonchus asper</i>                             |                             |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Narrow-leaved Bur-reed                              | <i>Sparganium angustifolium</i>                  |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |
| Broad-fruited Bur-reed                              | <i>Sparganium eurycarpum</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |
| Hooded Lady's-tresses                               | <i>Spiranthes romanzoffiana</i>                  |                             |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    | *  | *  | *  |    |    |
| Hairy Hedge-nettle                                  | <i>Stachys pilosa</i>                            |                             |    | *  |    |    |    |    | *  |    | *  | *  | *  | *  |    | *  |    | *  |    | *  | X  | *  | *  |
| Northern Stitchwort                                 | <i>Stellaria calycantha</i>                      | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |
| Long-leaf Starwort                                  | <i>Stellaria longifolia</i>                      | *                           | *  | *  | *  | *  |    | *  | *  | *  |    | *  | *  | *  | *  | *  |    |    |    | *  | *  | *  | *  |
| Hairy Long-stalked Stitchwort                       | <i>Stellaria longipes</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Northern Aster                                      | <i>Symphotrichum boreale</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    | *  | *  | *  |
| Rayless Aster                                       | <i>Symphotrichum ciliatum</i>                    | *                           | *  | *  | *  | *  | X  | X  | X  | X  | X  | X  | X  | X  | *  | X  | X  | X  |    | X  | *  | *  | *  |
| White Panicked American-aster/ Western Willow aster | <i>Symphotrichum lanceolatum var. hesperium</i>  |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  |    |    |
| Tansy   | <i>Tanacetum vulgare</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Common Dandelion                                    | <i>Taraxacum officinale</i>                      | *                           |    | *  | *  | X  | X  | X  | *  | X  | *  | X  | X  | X  | X  | X  | X  | X  |    | X  | X  | *  | X  |
| Tall Meadow-rue                                     | <i>Thalictrum dasycarpum</i>                     |                             |    |    | *  |    |    |    | *  | *  | *  |    |    | *  |    |    |    |    |    |    |    |    |    |
| Western Meadow-rue                                  | <i>Thalictrum occidentale var. occidentale</i>   |                             |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Few-flower Meadow-rue                               | <i>Thalictrum sparsiflorum var. richardsonii</i> |                             |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Veiny Meadow-rue                                    | <i>Thalictrum venulosum</i>                      |                             |    | *  | *  |    | X  | X  | X  | X  | X  | *  | X  | X  | X  | X  | X  | *  |    | *  | *  |    |    |
| Stinkweed   | <i>Thlaspi arvense</i>                           |                             | *  |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    | *  |
| Yellow Goat's-beard                                 | <i>Tragopogon dubius</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Goat's-beard  | <i>Tragopogon pratensis</i>                      | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Maystar   | <i>Trientalis borealis</i>                       | *                           |    | *  | X  | X  | X  | *  | X  | X  | X  | *  | X  | *  | X  | X  | X  | *  | *  | *  | *  | *  | *  |
| Alsike Clover                                       | <i>Trifolium hybridum</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Red Clover  | <i>Trifolium pratense</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Seaside Arrow-grass                                 | <i>Triglochin maritima</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |
| Tall White Fleabane                                 | <i>Trimorpha lonchophylla</i>                    |                             |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Stinging Nettle                                     | <i>Urtica dioica ssp. gracilis</i>               |                             |    |    |    |    | *  |    |    |    |    | *  | *  | *  | *  | *  | *  | *  |    | X  | X  | X  | X  |



**Table 1: Vegetation Species by Habitat Type**

| Common Name                    | Latin Name                                  | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|--------------------------------|---|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                |   | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Flat-leaved Bladderwort        | <i>Utricularia intermedia</i>               |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |
| Common Bladderwort             | <i>Utricularia vulgaris</i>                 |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |
| American Speedwell             | <i>Veronica americana</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | x  |
| Brook-pimpernell               | <i>Veronica anagallis-aquatica</i>          |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| American Purple Vetch          | <i>Vicia americana</i>                      | *                           |    | *  | *  | x  | X  | *  | x  | x  | x  | x  | x  | X  | x  | x  | *  | *  |    | x  | x  | x  | x  |
| Tufted Vetch                   | <i>Vicia cracca</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Sand Violet                    | <i>Viola adunca</i>                         | X                           | X  | x  | x  | *  | *  | x  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |    |    |    | x  |    |
| Canadian White Violet          | <i>Viola canadensis var. rugulosa</i>       | *                           |    | *  | *  | *  |    | x  | x  | *  | *  | x  |    | x  | *  |    | *  | *  |    | *  |    |    |    |
| Bog Violet                     | <i>Viola nephrophylla</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    |
| Alpine-marsh Violet            | <i>Viola palustris</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    | *  | *  | *  | *  | *  | *  |
| Kidney-shaped Violet           | <i>Viola renifolia</i>                      |                             |    | *  | *  | *  | *  | *  | *  | *  | *  |    | x  | x  | *  | *  | x  | x  | *  | *  | *  |    |    |
| Cocklebur                      | <i>Xanthium strumarium var. canadense</i>   |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Smooth Camas                   | <i>Zigadenus elegans</i>                    |                             |    | *  |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Heart-leaved Alexanders        | <i>Zizia aptera</i>                         |                             |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| <b>Graminoids</b>              |   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hair Grass                     | <i>Agrostis scabra</i>                      |                             |    | *  | *  |    |    | *  |    |    |    |    |    |    | X  |    |    |    |    | *  | *  | x  |    |
| Slough Grass                   | <i>Beckmannia syzigachne</i>                |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  | x  |    |
| Fringed Brome                  | <i>Bromus ciliatus</i>                      | *                           | *  | *  |    |    |    |    | *  |    |    | *  | *  | *  | *  | *  |    | *  |    | *  | *  |    |    |
| Smooth Brome                   | <i>Bromus inermis ssp. inermis</i>          |                             |    | *  |    |    | *  |    | *  |    | *  |    |    | *  | *  |    | *  |    | *  |    | *  |    |    |
| Blue-joint Reedgrass           | <i>Calamagrostis canadensis</i>             | *                           | *  | *  | *  | *  | *  | x  | *  |    | *  | *  | *  | *  | *  | *  | x  | *  | *  | *  | *  | x  |    |
| Lapland Reed-grass             | <i>Calamagrostis lapponica</i>              |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Plains Reed-grass              | <i>Calamagrostis montanensis</i>            |                             | *  |    | *  | *  |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| New Englan Northern Reed-grass | <i>Calamagrostis stricta ssp. inexpansa</i> | *                           |    | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |
| Northern Reedgrass             | <i>Calamagrostis stricta ssp. stricta</i>   | *                           | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |
| Long-leaved Reedgrass          | <i>Calamovilfa longifolia</i>               |                             | *  | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |
| Silvery-flowered Sedge         | <i>Carex aenea</i>                          | x                           | x  | *  | *  | *  | *  | *  |    | *  |    |    | *  | *  | *  | *  |    |    |    | *  | *  | *  | *  |
| Water Sedge                    | <i>Carex aquatilis</i>                      |                             |    |    |    |    |    |    |    |    | *  |    |    | *  | *  | *  |    | *  | x  | *  | *  | *  | *  |
| Awned Sedge                    | <i>Carex atherodes</i>                      |                             |    |    |    |    |    |    |    |    |    | *  |    | *  | *  |    |    |    | *  | *  | *  | *  | *  |
| Golden Sedge                   | <i>Carex aurea</i>                          |                             |    |    |    |    | *  |    |    |    |    | *  |    | *  |    |    |    |    |    | *  | *  | *  | *  |
| Bebb's Sedge                   | <i>Carex bebbii</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  | *  | *  | *  |
| Hoary Sedge                    | <i>Carex canescens</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Hair-like Sedge                | <i>Carex capillaris</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    | *  |    |    |    |    |    |
| Beautiful Sedge                | <i>Carex concinna</i>                       | *                           |    |    | *  |    | *  |    |    |    | *  | *  | x  |    | *  | x  | *  |    |    |    |    |    |    |
| Dewey's Sedge                  | <i>Carex deweyana</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Two-stamened Sedge             | <i>Carex diandra</i>                        |                             |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    | *  |    | *  |    |    |
| Two-seeded Sedge               | <i>Carex disperma</i>                       |                             |    |    |    |    |    | *  |    |    |    |    | *  | *  | *  |    |    | *  | x  | *  | *  |    |    |
| Low Sedge                      | <i>Carex eleocharis</i>                     | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Northern Bog Sedge             | <i>Carex gynocrates</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    | *  |    | *  | *  |    |    |
| Houghton's Sedge               | <i>Carex houghtoniana</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Porcupine Sedge                | <i>Carex hystericina</i>                    |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Sun Sedge                      | <i>Carex inops ssp. heliophila</i>          |                             | *  | *  |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Inland Sedge                   | <i>Carex interior</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  | *  |    |    |
| Slender Sedge                  | <i>Carex lasiocarpa</i>                     |                             |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  | *  | *  |    |    |
| Bristle-stalked Sedge          | <i>Carex leptalea</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  |    |    |
| Mud Sedge                      | <i>Carex limosa</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |
| Boreal-bog Sedge               | <i>Carex magellanica ssp. irrigua</i>       |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    | *  | *  | *  |    |    |
| Blunt Sedge                    | <i>Carex obtusata</i>                       |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  |    |    |
| Woolly Sedge                   | <i>Carex pellita</i>                        |                             |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |    |    | *  | *  | *  |    |    |

**Table 1: Vegetation Species by Habitat Type**

| Common Name                       | Latin Name                                   | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------|--|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                                   |  | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| Graceful Sedge                    | <i>Carex praegracilis</i>                    |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Cyperus-like Sedge                | <i>Carex pseudocyperus</i>                   |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Turned Sedge                      | <i>Carex retrorsa</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Richardson's Sedge                | <i>Carex richardsonii</i>                    | *                           |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Beaked Sedge                      | <i>Carex rostrata</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Canadian Single-spike Sedge       | <i>Carex scirpoidea</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Copycat Sedge                     | <i>Carex simulata</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |
| Sprengel's Sedge                  | <i>Carex spengelii</i>                       |                             |    | *  |    |    |    |    |    |    |    |    | *  | *  |    |    |    | *  |    |    |    |    |    |
| Thin-flowered Sedge               | <i>Carex tenuiflora</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Northwest Territory Sedge         | <i>Carex utriculata</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | *  |    |    | *  | *  | *  |
| Sheathed Sedge                    | <i>Carex vaginata</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    | *  | *  |    |    | *  | *  | *  |
| Slender Wood Grass                | <i>Cinna latifolia</i>                       |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  | *  | *  |
| Tufted Hairgrass                  | <i>Deschampsia caespitosa</i>                |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    | *  |    |
| Needle Spike-rush                 | <i>Eleocharis acicularis</i>                 |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    | *  |    |    | *  |    |    |
| Creeping Spike-rush               | <i>Eleocharis palustris</i>                  |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    | *  |    | *  |    |    |
| Canada Wild Rye                   | <i>Elymus canadensis</i>                     | *                           |    | *  |    |    |    |    |    |    |    | *  |    | *  |    |    |    |    |    |    |    |    |    |
| Streamside Wild Rye               | <i>Elymus lanceolatus ssp. lanceolatus</i>   |                             |    | *  |    |    | *  |    |    | *  |    | *  |    |    |    |    |    | *  |    |    | *  | *  |    |
| Sand-dune Wheatgrass              | <i>Elymus lanceolatus ssp. psammophilus</i>  |                             |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Slender Wheatgrass                | <i>Elymus trachycaulus ssp. subsecundus</i>  | *                           |    | *  | *  |    | *  | *  | *  | *  | *  | *  | *  |    |    |    |    |    |    |    | *  | *  |    |
|                                   | <i>Elymus trachycaulus ssp. trachycaulus</i> | *                           | X  | *  | *  | *  |    |    | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | X  |
| Creeping Wild Rye                 | <i>Elytrigia repens</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |    |    |    |    |    |
| Tall Cotton-grass                 | <i>Eriophorum angustifolium</i>              |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |
| Slender Cotton-grass              | <i>Eriophorum gracile</i>                    |                             | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tussock Cotton-grass              | <i>Eriophorum vaginatum var. vaginatum</i>   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Sheep Fescue                      | <i>Festuca ovina</i>                         | *                           | *  |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rocky Mountain Fescue             | <i>Festuca saximontana</i>                   | *                           | *  | *  | *  |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |
| Northern Manna-grass              | <i>Glyceria borealis</i>                     |                             |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    | *  |    |    |
| American Manna-grass              | <i>Glyceria grandis</i>                      |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Fowl Manna-grass                  | <i>Glyceria striata</i>                      |                             |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    | *  | *  | *  | *  |    |
| Hooker's Oat Grass                | <i>Helictotrichon hookeri</i>                |                             |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |
| Sweet Grass                       | <i>Hierochloa hirta ssp. arctica</i>         |                             |    |    | *  |    |    |    |    |    |    |    | *  | *  |    |    | *  |    |    |    |    |    | X  |
| Wild Barley                       | <i>Hordeum jubatum ssp. jubatum</i>          |                             |    |    |    |    |    |    |    |    |    |    | *  | *  | *  |    |    |    |    |    | *  |    |    |
| Baltic Rush                       | <i>Juncus balticus</i>                       | *                           |    | *  | *  | *  | *  |    |    |    |    |    | *  | *  | *  | *  |    |    |    |    | *  |    | X  |
| Toad Rush                         | <i>Juncus bufonius</i>                       |                             |    |    |    |    |    | *  |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Knotted Rush                      | <i>Juncus nodosus</i>                        |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    | X  |
| Slender Rush                      | <i>Juncus tenuis</i>                         |                             |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Big-head Rush                     | <i>Juncus vaseyi</i>                         |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| June Grass                        | <i>Koeleria macrantha</i>                    | X                           | X  | *  | X  |    |    | *  |    | *  |    | *  |    | *  | *  |    |    |    |    |    | *  | *  |    |
| Downy Lyme-grass                  | <i>Leymus innovatus</i>                      |                             |    | *  | *  | *  | X  |    | *  | *  | *  |    | *  | *  | *  | *  | *  | *  | *  | *  | *  |    |    |
| Small-flowered Wood-rush          | <i>Luzula parviflora</i>                     |                             |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |    |    | *  |    |    |
| Bog Muhly                         | <i>Muhlenbergia glomerata</i>                | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| White-grained Mountain Rice Grass | <i>Oryzopsis asperifolia</i>                 | *                           |    | X  | X  | *  | *  | X  | X  | X  | *  | X  | *  | X  | *  | *  | *  | *  | *  | *  | X  |    |    |
| Northern Rice Grass               | <i>Oryzopsis pungens</i>                     | X                           | X  | X  | X  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  |    |
| Wheat Grass                       | <i>Pascopyrum smithii</i>                    |                             |    | *  |    |    |    |    |    |    |    | *  |    |    | *  |    |    | *  |    |    |    |    |    |
| Reed Canary Grass                 | <i>Phalaris arundinacea</i>                  |                             |    |    |    |    |    |    |    |    |    |    | *  |    | *  |    |    |    |    |    |    |    | X  |
| Timothy                           | <i>Phleum pratense</i>                       |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Fowl Bluegrass                    | <i>Poa palustris</i>                         |                             |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  | *  |    | *  |    | *  | *  | X  | *  |
| Kentucky Bluegrass                | <i>Poa pratensis</i>                         | *                           |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  |    |    |    |    | *  | *  | *  |    |

**Table 1: Vegetation Species by Habitat Type**

| Common Name                   | Latin Name                           | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------|--------------------------------------|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                               |                                      | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d | 9a |
| White Beaked-rush             | <i>Rhynchospora alba</i>             |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |
| Purple Oat Grass              | <i>Schizachne purpurascens</i>       | *                           | X  | X  | X  | *  | *  | *  | *  | X  | X  | *  | *  | X  | *  | X  | X  | *  |    | X  | *  | *  |    |
| Little Bluestem               | <i>Schizachyrium scoparium</i>       |                             | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Hard-stemmed Bulrush          | <i>Scirpus acutus</i>                |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| River Bulrush                 | <i>Scirpus fluviatilis</i>           |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Small-fruited Bulrush         | <i>Scirpus microcarpus</i>           |                             |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |    | *  | *  |    | X  |
| Pale Bulrush                  | <i>Scirpus pallidus</i>              |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Green foxtail                 | <i>Setaria viridis</i>               |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |
| Bur-reed                      | <i>Sparganium sp.</i>                |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    | *  |    |    |    |
| Alkali Cord Grass             | <i>Spartina gracilis</i>             |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Prairie Cord Grass            | <i>Spartina pectinata</i>            |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Prairie Wedge Grass           | <i>Sphenopholis obtusata</i>         |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |
| Sand Dropseed                 | <i>Sporobolus cryptandrus</i>        |                             |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |    |    |
| Needle-and-thread Grass       | <i>Stipa comata</i>                  |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Porcupine Grass               | <i>Stipa spartea</i>                 |                             |    |    | *  |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| Common Cattail                | <i>Typha latifolia</i>               |                             |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |
| <b>Horsetails &amp; Ferns</b> |                                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Leathery Grape-fern           | <i>Botrychium multifidum</i>         |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Rattlesnake Fern              | <i>Botrychium virginianum</i>        |                             |    |    |    |    | *  |    |    |    | *  | *  | *  | *  | *  |    |    | *  |    | *  |    |    | X  |
| Trailing Club-moss            | <i>Diphasiastrum complanatum</i>     | *                           |    | *  |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |
| Spinulose Wood Fern           | <i>Dryopteris carthusiana</i>        |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |
| Common Horsetail              | <i>Equisetum arvense</i>             | *                           |    | X  | *  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | X  | *  | X  | X  | *  | X  |
| Swamp Horsetail               | <i>Equisetum fluviatile</i>          |                             |    |    |    |    | *  | X  | *  |    | *  | *  | X  |    | *  |    |    | *  | X  | *  | X  |    |    |
| Common Scouring-rush          | <i>Equisetum hyemale var. affine</i> | X                           | X  | *  | X  |    | *  | X  |    | *  |    | *  |    |    | *  |    |    |    |    |    |    |    |    |
| Smooth Scouring-rush          | <i>Equisetum laevigatum</i>          | *                           |    |    | *  |    |    |    |    |    | *  | *  |    | *  |    |    |    |    |    |    |    |    |    |
| Meadow Horsetail              | <i>Equisetum pratense</i>            |                             |    | *  | *  |    |    |    | *  | *  | *  | *  | *  | *  | X  | X  | *  | *  | *  | *  | *  |    |    |
| Dwarf Scouring-rush           | <i>Equisetum scirpoides</i>          |                             |    | *  |    |    | X  | *  | *  | *  | X  | *  | X  |    | *  | X  | X  | *  | *  | *  | *  |    | X  |
| Woodland Horsetail            | <i>Equisetum sylvaticum</i>          | *                           |    | *  |    | *  | *  | *  | *  | *  | *  | *  | *  | *  | X  |    | *  | *  | *  | X  |    | *  |    |
| Variiegated Scouring-rush     | <i>Equisetum variegatum</i>          |                             |    |    |    |    |    |    |    |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |
| Stiff Club-moss               | <i>Lycopodium annotinum</i>          |                             |    | *  |    |    | *  | *  |    | *  |    |    |    | *  | *  |    |    |    |    |    |    |    |    |
| Running Club-moss             | <i>Lycopodium clavatum</i>           |                             |    | *  |    |    |    |    | *  |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |
| Ground-pine                   | <i>Lycopodium obscurum</i>           |                             |    | *  |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |
| Ostrich Fern                  | <i>Matteuccia struthiopteris</i>     |                             |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |
| Dense Spike-moss              | <i>Selaginella densa</i>             |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Spike-moss                    | <i>Selaginella sp</i>                |                             | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <b>Non-Vascular Plants</b>    |                                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <b>Lichens</b>                |                                      |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Comma lichen                  | <i>Arthonia patellulata</i>          |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Pale-footed horsehair lichen  | <i>Bryoria fuscescens</i>            |                             |    | *  | *  | *  |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |
| Horsehair lichen              | <i>Bryoria simplicior</i>            |                             |    | *  |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| horsehair lichen              | <i>Bryoria spirodifera</i>           |                             |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Firedot lichen                | <i>Caloplaca holocarpa</i>           |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Common goldspeck lichen       | <i>Candelariella vitellina</i>       |                             |    | *  | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Chestnut wrinkle lichen       | <i>Cetraria sepincola</i>            |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Green reindeer lichen         | <i>Cladina mitis</i>                 | X                           | X  | *  | *  |    | X  | *  | *  |    |    | *  |    |    | *  |    |    | *  | *  | *  |    | *  |    |
| Gray reindeer lichen          | <i>Cladina rangiferina</i>           | *                           | *  | *  | *  | *  |    | *  | *  |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |
| Star-tipped reindeer lichen   | <i>Cladina stellaris</i>             | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Boreal pixie-cup              | <i>Cladonia borealis</i>             | X                           | *  | *  | *  |    | *  |    | *  |    |    | *  |    |    |    |    |    | *  |    | *  |    |    |    |



**Table 1: Vegetation Species by Habitat Type**

| Common Name                | Latin Name                              | Habitat Type (See Table 17) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------|---|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                            |   | 1a                          | 1b | 2a | 2b | 2c | 2d | 2e | 3a | 3b | 3c | 4a | 4b | 4c | 4e | 5a | 5b | 5c | 6a | 8b | 8c | 8d |
| <b>Liverworts</b>          |   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Lophozia                   | <i>Lophozia ventricosa</i>              |                             |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    | *  |    |    |    |    |
| Variable liverwort         | <i>Marchantia polymorpha</i>            |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |
| Northern nauhide           | <i>Ptilidium pulcherrimum</i>           |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| <b>Mosses</b>              |   |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Amblystegium Moss          | <i>Amblystegium serpens</i>             |                             |    | *  | *  |    |    |    |    |    |    |    | *  |    |    | *  |    | *  |    |    |    |    |
| Tufted moss                | <i>Aulacomnium palustre</i>             |                             |    |    |    | *  |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| brachythecium moss         | <i>Brachythecium campestre</i>          |                             |    | *  | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |
|                            | <i>Brachythecium mildeanum</i>          |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Waterside Feather Moss     | <i>Brachythecium rivulare</i>           |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Golden Ragged Feather Moss | <i>Brachythecium salebrosum</i>         |                             |    | *  | *  |    |    |    |    | *  |    | *  |    |    |    |    |    | *  |    |    |    |    |
| Stark's Brachythecium      | <i>Brachythecium starkei</i>            |                             |    |    | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| bryoerythrophyllum moss    | <i>Bryoerythrophyllum recurvirostre</i> |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| bryohaplocladium moss      | <i>Bryohaplocladium microphyllum</i>    |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Toothed Thread Moss        | <i>Bryum lisae var. cuspidatum</i>      |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Tall Clustered Thread Moss | <i>Bryum pseudotriquetrum</i>           |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| False Willow Moss          | <i>Campylium hispidulum</i>             |                             |    | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |
| Purple Horn-toothed Moss   | <i>Ceratodon purpureus</i>              | *                           |    | *  | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Common Tree Moss           | <i>Climacium dendroides</i>             |                             |    | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    | *  |    |    |    |    |
| Muehlenbeck's Dicranum     | <i>Dicranum muehlenbeckii</i>           | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Electric Eels              | <i>Dicranum polysetum</i>               | x                           |    | *  | x  | *  |    | *  | *  | *  | *  | *  |    |    | *  | *  | *  | *  | *  | *  | *  | *  |
| Broom Moss                 | <i>Dicranum scoparium</i>               |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Wavy Dicranum              | <i>Dicranum undulatum</i>               | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Common Hook Feather        | <i>Drepanocladus aduncus</i>            |                             |    | *  |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Common Beaked Moss         | <i>Eurhynchium pulchellum</i>           |                             |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |
| Stair-step Moss            | <i>Hylocomium splendens</i>             | *                           |    | x  | x  | *  | x  | x  | *  | x  | x  |    |    | *  | *  | *  | *  | x  | X  | x  | x  |    |
| Stump Pigtail Moss         | <i>Hypnum pallescens</i>                |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Red-mouthed Mnium          | <i>Mnium spinulosum</i>                 |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Blunt-leaved Bristle Moss  | <i>Orthotrichum obtusifolium</i>        |                             |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Woodsy Leafy Moss          | <i>Plagiomnium cuspidatum</i>           |                             |    | *  |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |
| Marsh Magnificent Moss     | <i>Plagiomnium ellipticum</i>           |                             |    | *  |    |    |    |    |    |    |    |    |    |    | *  | *  | *  | *  | *  | *  | *  | *  |
| Red Stem Moss              | <i>Pleurozium schreberi</i>             | x                           | *  | x  | x  | *  | X  | X  | *  | x  | x  | *  | *  | *  | x  | X  | X  | X  | x  | *  |    |    |
| Copper Wire Moss           | <i>Pohlia nutans</i>                    | *                           |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Common Hair-cap            | <i>Polytrichum commune</i>              |                             |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Juniper Hair-cap Moss      | <i>Polytrichum juniperinum</i>          | *                           | *  | *  | *  |    |    |    |    | *  | *  |    |    |    |    |    |    |    |    |    |    |    |
| Awne Hair-cap              | <i>Polytrichum piliferum</i>            | *                           |    | *  | *  |    |    |    |    |    |    |    | *  |    |    |    |    | *  |    |    |    |    |
| Bog Hair Cap               | <i>Polytrichum strictum</i>             |                             |    | *  |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |    |    |    |
| Pseudoleskea moss          | <i>Pseudoleskea patens</i>              |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Knight's Plume             | <i>Ptilium crista-castrensis</i>        | *                           |    | *  | *  |    |    | *  | *  | *  |    | *  |    |    |    |    |    | x  | x  | x  | *  |    |
| Aspen Moss                 | <i>Pylaisiella polyantha</i>            |                             |    | *  | *  | *  |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |    |    |
| ramalina moss              | <i>Ramalina species</i>                 |                             |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |    |    |    |
| Brown moss                 | <i>Sanionia uncinata</i>                | *                           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |    |
| Peat Moss                  | <i>Sphagnum sp.</i>                     |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    | x  |    |    |
| golden moss                | <i>Tomenthypnum nitens</i>              |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *  |    |    |    |

**Notes:** Occurrence Classes:

\* Infrequent <33.3% of sites,

x Uncommon 33.3-66.6% of sites,

X Common >66.6% of sites. Poison Ivy observed incidentally in dry steep ravine/river valley slopes

**Table 2: Unique and Rare Species Observations by ELC in the RSA**

| ELC                           | Life Form      | Species Name  | Common Name                        | G-RANK | S-RANK |
|-------------------------------|----------------|---|------------------------------------|--------|--------|
| <i>Unique Vascular Plants</i> |                |   |                                    |        |        |
| 1a                            | Graminoid      | <i>Carex eleocharis</i>                                 | Low Sedge                          | G5     | SNR    |
| 1a                            | Forb           | <i>Potentilla bipinnatifida</i>                         | Plains Cinquefoil                  | G5?    | SNR    |
| 1a                            | Forb           | <i>Solidago canadensis</i> var. <i>gilvocanescens</i>   | Canescent Goldenrod                | G5T5   | S5     |
| 1b                            | Forb           | <i>Asclepias viridiflora</i>                            | Green-flowered Milkweed            | G5     | S5?    |
| 1b                            | Forb           | <i>Atriplex prostrata</i>                               | Creeping Saltbush                  | G5     | S5?    |
| 1b                            | Graminoid      | <i>Eriophorum gracile</i>                               | Slender Cotton-grass               | G5     | SNR    |
| 1b                            | Shrub          | <i>Juniperus horizontalis</i>                           | Creeping Juniper                   | G5     | S5     |
| 2a                            | Graminoid      | <i>Carex praegracilis</i>                               | Graceful Sedge                     | G5     | SNR    |
| 2a                            | Forb           | <i>Cirsium flodmanii</i>                                | Flodman's Thistle                  | G5     | S5?    |
| 2a                            | Forb           | <i>Collomia linearis</i>                                | Narrow-leaved Collomia             | G5     | S5     |
| 2b                            | Horsetail/Fern | <i>Botrychium multifidum</i>                            | Leathery Grape-fern                | G5     | S3     |
| 2b                            | Horsetail/Fern | <i>Selaginella densa</i>                                | Dense Spike-moss                   | G5     | SNR    |
| 2d                            | Graminoid      | <i>Elymus lanceolatus</i> ssp. <i>psammophilus</i>      | Sand-dune Wheatgrass               | G5T3   | S2     |
| 2d                            | Graminoid      | <i>Juncus tenuis</i>                                    | Slender Rush                       | G5     | S5     |
| 2e                            | Shrub          | <i>Shepherdia argentea</i>                              | Buffalo-berry                      | G5     | S5     |
| 2e                            | Forb           | <i>Trimorpha lonchophylla</i>                           | Tall White Fleabane                | G5     | S5     |
| 3a                            | Forb           | <i>Thalictrum sparsiflorum</i> var. <i>richardsonii</i> | Few-flower Meadow-rue              | G5T5   | S4?    |
| 3b                            | Forb           | <i>Thalictrum occidentale</i> var. <i>occidentale</i>   | Western Meadow-rue                 | G5T5   | S1S2   |
| 3c                            | Forb           | <i>Aquilegia canadensis</i>                             | Wild Columbine                     | G5     | S4     |
| 4a                            | Shrub          | <i>Betula occidentalis</i>                              | River Birch                        | G4G5   | S5?    |
| 4a                            | Graminoid      | <i>Helictotrichon hookeri</i>                           | Hooker's Oat Grass                 | G5     | SNR    |
| 4a                            | Forb           | <i>Oxytropis sericea</i>                                | Early Yellow Locoweed              | G5     | S5     |
| 4a                            | Forb           | <i>Rudbeckia hirta</i> var. <i>pulcherrima</i>          | Black-eyed Susan                   | G5     | S5     |
| 4a                            | Graminoid      | <i>Stipa comata</i>                                     | Needle-and-thread Grass            | G5     | SNR    |
| 4b                            | Tree           | <i>Acer negundo</i>                                     | Manitoba Maple                     | GNR    | SNR    |
| 4b                            | Forb           | <i>Castilleja miniata</i>                               | Red Indian Paintbrush              | G5     | S5     |
| 4b                            | Forb           | <i>Solidago multiradiata</i> var. <i>scopulorum</i>     | Alpine Goldenrod                   | G5T5   | S5?    |
| 4c                            | Forb           | <i>Arabis x divaricarpa</i>                             | Hybrid                             | GNA    | S5?    |
| 4c                            | Forb           | <i>Gentianopsis crinata</i>                             | greater fringed gentian            | GNR    | SNR    |
| 4c                            | Forb           | <i>Monotropa uniflora</i>                               | Indian-pipe                        | G5     | S4?    |
| 4e                            | Forb           | <i>Agrimonia striata</i>                                | Agrimony                           | G5     | S4S5   |
| 4e                            | Forb           | <i>Apocynum cannabinum</i>                              | Indian Hemp                        | G5     | S5?    |
| 4e                            | Forb           | <i>Asclepias speciosa</i>                               | Common Milkweed                    | G5     | S4     |
| 4e                            | Forb           | <i>Aster ericoides</i>                                  | Tufted White Prairie Aster         | G5     | S5     |
| 4e                            | Graminoid      | <i>Beckmannia syzigachne</i>                            | Slough Grass                       | G5     | SNR    |
| 4e                            | Graminoid      | <i>Calamagrostis lapponica</i>                          | Lapland Reed-grass                 | G5     | S2S3   |
| 4e                            | Forb           | <i>Calystegia sepium</i>                                | Hedge Bindweed                     | G5     | S5?    |
| 4e                            | Graminoid      | <i>Carex canescens</i>                                  | Hoary Sedge                        | G5     | S5?    |
| 4e                            | Graminoid      | <i>Carex deweyana</i>                                   | Dewey's Sedge                      | G5     | S5?    |
| 4e                            | Graminoid      | <i>Carex houghtoniana</i>                               | Houghton's Sedge                   | G5     | SNR    |
| 4e                            | Graminoid      | <i>Carex hystericina</i>                                | Porcupine Sedge                    | G5     | S2     |
| 4e                            | Forb           | <i>Ceratophyllum demersum</i>                           | Hornwort                           | G5     | S5?    |
| 4e                            | Horsetail      | <i>Equisetum variegatum</i>                             | Variegated Scouring-rush           | G5     | SNR    |
| 4e                            | Forb           | <i>Euthamia graminifolia</i>                            | Flat-top Goldentop                 | G5     | S5     |
| 4e                            | Forb           | <i>Helenium autumnale</i> var. <i>montanum</i>          | Mountain Sneezeweed                | G5T5   | S5     |
| 4e                            | Forb           | <i>Helianthus couplandii</i>                            | Prairie Sunflower                  | G4G5   | S5?    |
| 4e                            | Forb           | <i>Helianthus nuttallii</i>                             | Common Tall Sunflower              | G5     | S5     |
| 4e                            | Forb           | <i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>   | Stiff Sunflower                    | G5T5?  | SNR    |
| 4e                            | Forb           | <i>Myriophyllum sibiricum</i>                           | Siberian Water-milfoil             | G5     | S5     |
| 4e                            | Forb           | <i>Potamogeton gramineus</i>                            | Various-leaved Pondweed            | G5     | S5     |
| 4e                            | Forb           | <i>Ranunculus cymbalaria</i>                            | Seaside Buttercup                  | G5     | S5     |
| 4e                            | Forb           | <i>Sagittaria cuneata</i>                               | Arrowhead                          | G5     | S5     |
| 4e                            | Shrub          | <i>Salix discolor</i>                                   | Pussy Willow                       | G5     | S5     |
| 4e                            | Shrub          | <i>Salix serissima</i>                                  | Autumn Willow                      | G4     | S5     |
| 4e                            | Graminoid      | <i>Scirpus fluviatilis</i>                              | River Bulrush                      | G5     | S5     |
| 4e                            | Graminoid      | <i>Scirpus pallidus</i>                                 | Pale Bulrush                       | G5     | S2     |
| 4e                            | Graminoid      | <i>Spartina gracilis</i>                                | Alkali Cord Grass                  | G5     | SNR    |
| 4e                            | Graminoid      | <i>Spartina pectinata</i>                               | Prairie Cord Grass                 | G5     | SNR    |
| 4e                            | Forb           | <i>Veronica anagallis-aquatica</i>                      | Brook-pimpernell                   | G5     | SNA    |
| 5a                            | Forb           | <i>Hedysarum boreale</i>                                | Boreal Sweet-vetch                 | G5     | S5?    |
| 5a                            | Forb           | <i>Heterotheca villosa</i>                              | Hairy False Golden-aster           | G5     | S5     |
| 5a                            | Shrub          | <i>Salix pedicellaris</i>                               | Bog Willow                         | G5     | S5     |
| 5c                            | Forb           | <i>Astragalus eucosmus</i>                              | Pretty Milk-vetch                  | G5     | S4?    |
| 5c                            | Graminoid      | <i>Carex capillaris</i>                                 | Hair-like Sedge                    | G5     | S5?    |
| 5c                            | Forb           | <i>Coptis trifolia</i>                                  | Goldthread                         | G5     | S5     |
| 6a                            | Forb           | <i>Cerastium nutans</i> var. <i>nutans</i>              | Nodding Mouse-ear Chickweed        | G5T5?  | S5?    |
| 6a                            | Forb           | <i>Galium labradoricum</i>                              | Bog Bedstraw                       | G5     | S5?    |
| 6a                            | Forb           | <i>Pedicularis macrodonta</i>                           | Purple Lousewort                   | G4Q    | S2     |
| 6a                            | Forb           | <i>Sarracenia purpurea</i> ssp. <i>gibbosa</i>          | Pitcherplant                       | G5     | SNR    |
| 8b                            | Forb           | <i>Agoseris glauca</i> var. <i>glauca</i>               | Glaucous False Dandelion           | G5T5   | S5     |
| 8b                            | Forb           | <i>Aster modestus</i>                                   | Large Northern Aster               | G5     | S2     |
| 8b                            | Graminoid      | <i>Carex limosa</i>                                     | Mud Sedge                          | G5     | SNR    |
| 8b                            | Graminoid      | <i>Carex scirpoidea</i>                                 | Canadian Single-spike Sedge        | G5     | SNR    |
| 8b                            | Graminoid      | <i>Carex tenuiflora</i>                                 | Thin-flowered Sedge                | G5     | S5     |
| 8b                            | Graminoid      | <i>Eriophorum vaginatum</i> var. <i>vaginatum</i>       | Tussock Cotton-grass               | G5T4T5 | S5?    |
| 8b                            | Forb           | <i>Leucophysalis grandiflora</i>                        | Large White-flowered Ground-cherry | G4?    | S2     |
| 8b                            | Forb           | <i>Ranunculus macounii</i>                              | Macoun's Buttercup                 | G5     | S5     |
| 8b                            | Forb           | <i>Stellaria longipes</i> var. <i>subvestita</i>        | Hairy Long-stalked Stitchwort      | G5TNRQ | S2     |
| 8c                            | Forb           | <i>Barbarea orthoceras</i>                              | American Winter Cress              | G5     | S5?    |

**Table 2: Unique and Rare Species Observations by ELC in the RSA**

|   |                |   |                                 |        |      |
|---|----------------|---|---------------------------------|--------|------|
| 8c  | Graminoid      | <i>Carex retrorsa</i>                                 | Turned Sedge                    | G5     | SNR  |
| 8c  | Forb           | <i>Geum triflorum</i> var. <i>triflorum</i>           | Old-man's-whiskers              | G5T5?  | S5   |
| 8c  | Forb           | <i>Hippuris vulgaris</i>                              | Common Mare's-tail              | G5     | S5   |
| 8c  | Forb           | <i>Lactuca tatarica</i> var. <i>pulchella</i>         | Common Blue Lettuce             | G5T5   | S5   |
| 8c  | Forb           | <i>Lathyrus palustris</i>                             | Marsh Vetchling                 | G5     | S5?  |
| 8c  | Forb           | <i>Lycopus americanus</i>                             | Water-horehound                 | G5     | S5   |
| 8c  | Forb           | <i>Potamogeton vaginatus</i>                          | Sheathed Pondweed               | G5     | SNR  |
| 8c  | Forb           | <i>Potentilla pulcherrima</i>                         | Soft Cinquefoil                 | G5     | SNR  |
| 8c  | Forb           | <i>Pyrola minor</i>                                   | Lesser Wintergreen              | G5     | S5   |
| 8c  | Forb           | <i>Ranunculus abortivus</i>                           | Smooth-leaved Buttercup         | G5     | S5   |
| 8c  | Forb           | <i>Rumex salicifolius</i> var. <i>mexicanus</i>       | Willow Dock                     | G5T5   | S5   |
| 8c  | Shrub          | <i>Salix pseudomyrsinites</i>                         | Firm-leaf Willow                | G5     | SNR  |
| 8c  | Forb           | <i>Sparganium angustifolium</i>                       | Narrow-leaved Bur-reed          | G5     | SNR  |
| 8d  | Forb           | <i>Chenopodium berlandieri</i>                        | Pitseed Goosefoot               | G5     | SNR  |
| 8d  | Forb           | <i>Lactuca biennis</i>                                | Tall Blue Lettuce               | G5     | S2   |
| 9a  | Forb           | <i>Rorippa sinuata</i>                                | Spreading Yellow Cress          | G5     | S4?  |
| 9a  | Forb           | <i>Veronica americana</i>                             | American Speedwell              | G5     | SNR  |
| <i>Unique Nonvascular Plants</i>  |                |   |                                 |        |      |
| 1a  | Lichen         | <i>Cladina stellaris</i>                              | Star-tipped reindeer lichen     | G5     | S4   |
| 1a  | Lichen         | <i>Cladonia pocillum</i>                              | Rosette pixie-cup               | G4     | S5   |
| 1a  | Moss           | <i>Dicranum muehlenbeckii</i>                         | Muehlenbeck's dicranum moss     | GNR    | SNR  |
| 1a  | Moss           | <i>Dicranum undulatum</i>                             | Wavy Dicranum                   | G5     | SNR  |
| 1a  | Lichen         | <i>Peltigera didactyla</i>                            | Alternating dog-lichen          | G5     | S5   |
| 2a  | Lichen         | <i>Arthonia patellulata</i>                           | Comma lichen                    | G5     | S2   |
| 2a  | Moss           | <i>Brachythecium mildeanum</i>                        |                                 | GNR    | SNR  |
| 2a  | Moss           | <i>Bryum lisae</i> var. <i>cuspidatum</i>             | A Moss                          | G5T5   | SNR  |
| 2a  | Lichen         | <i>Cetraria sepincola</i>                             | Chestnut wrinkle lichen         | G5     | S3   |
| 2a  | Lichen         | <i>Cladonia cristatella</i>                           | British soldiers                | G5?    | S3   |
| 2a  | Lichen         | <i>Cladonia squamosa</i>                              | Dragon cladonia                 | G5     | S1   |
| 2a  | Moss           | <i>Dicranum scoparium</i>                             | Broom Moss                      | G5     | SNR  |
| 2a  | Lichen         | <i>Melanelia albertana</i>                            | Powder-rimmed camouflage lichen | G3G5   | S3   |
| 2a  | Lichen         | <i>Peltigera neopolydactyla</i>                       | Carpet pelt                     | G5     | S5   |
| 2a  | Moss           | <i>Polytrichum commune</i>                            | Common Hair-cap                 | G5     | S5   |
| 2b  | Lichen         | <i>Caloplaca holocarpa</i>                            | Firedot lichen                  | G5     | S4   |
| 2b  | Lichen         | <i>Lacanora species</i>                               | rim lichen                      | GNR    | SNR  |
| 2b  | Lichen         | <i>Lecanora pulcaris</i>                              | A lichen                        | G5     | S1   |
| 2b  | Lichen         | <i>Lecanora sambuci</i>                               | A lichen                        | G3G5   | S1   |
| 2b  | Moss           | <i>Orthotrichum obtusifolium</i>                      | Blunt-leaved Bristle Moss       | G5     | SNR  |
| 2b  | Lichen         | <i>Physcia stellaris</i>                              | Star rosette lichen             | G5     | S3S4 |
| 2b  | Lichen         | <i>Usnea scabiosa</i>                                 | Beard lichen                    | GNR    | S1   |
| 2c  | Lichen         | <i>Bryoria spiroliifera</i>                           | horsehair lichen                | GNR    | SNR  |
| 2c  | Lichen         | <i>Melanelia exasperata</i>                           | Camouflage lichen               | G3G5   | S1   |
| 2c  | Lichen         | <i>Melanelia septentrionalis</i>                      | Northern camouflage lichen      | G3G5   | S4   |
| 2c  | Lichen         | <i>Xanthoria candelaria</i>                           | Shrubby sunburst lichen         | G3G5   | S3   |
| 3c  | Moss           | <i>Eurhynchium pulchellum</i>                         | Common Beaked Moss              | G5     | SNR  |
| 3c  | Lichen         | <i>Melanelia subaurifera</i>                          | Abraded camouflage lichen       | G3G5   | S2S3 |
| 5a  | Moss           | <i>Brachythecium rivulare</i>                         | Waterside Feather Moss          | G5     | SNR  |
| 5a  | Moss           | <i>Bryoerythrophyllum recurvirostre</i>               | bryoerythrophyllum moss         | GNR    | SNR  |
| 5a  | Moss           | <i>Bryum pseudotriquetrum</i>                         | Tall Clustered Thread Moss      | G5     | SNR  |
| 5a  | Moss           | <i>Ramalina species</i>                               | ramalina moss                   | GNR    | SNR  |
| 5c  | Moss           | <i>Bryohaplocladium microphyllum</i>                  | bryohaplocladium moss           | GNR    | SNR  |
| 5c  | Lichen         | <i>Cladonia cenotea</i>                               | Powdered funnel lichen          | G5     | S3   |
| 5c  | Lichen         | <i>Peltigera horizontalis</i>                         | Flat-fruited pelt               | G5     | SU   |
| 5c  | Lichen         | <i>Peltigera polydactylon</i>                         | Many-fruited pelt               | G5?    | S2   |
| 5c  | Moss           | <i>Pseudoleskea patens</i>                            | pseudoleskea moss               | GNR    | SNR  |
| 5c  | Liverwort      | <i>Ptilidium pulcherrimum</i>                         | Liverwort                       | GNR    | SNR  |
| 5c  | Lichen         | <i>Ramalina farinacea</i>                             | Dotted ramalina                 | G3G5   | S1   |
| 6a  | Moss           | <i>Tomentypnum nitens</i>                             | golden moss                     | GNR    | SNR  |
| 8d  | Liverwort      | <i>Marchantia polymorpha</i>                          | liverwort                       | GNR    | SNR  |
| <i>Rare Vascular Plants (Plants on the Saskatchewan CDC Tracking List as of Dec 01, 2010)</i> |                |   |                                 |        |      |
| 1a  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 2a  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 2b  | Horsetail/Fern | <i>Botrychium multifidum</i>                          | Leathery Grape-fern             | G5     | S3   |
| 2b  | Shrub          | <i>Lonicera oblongifolia</i>                          | Swamp Fly Honeysuckle           | G4     | S2   |
| 2d  | Graminoid      | <i>Elymus lanceolatus</i> ssp. <i>psammophilus</i>    | Sand-dune Wheatgrass            | G5T3   | S2   |
| 2d  | Shrub          | <i>Lonicera oblongifolia</i>                          | Swamp Fly Honeysuckle           | G4     | S2   |
| 3a  | Forb           | <i>Cypripedium parviflorum</i> var. <i>makasin</i>    | Small Yellow Lady's-slipper     | G5T4Q  | S2S4 |
| 3a  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 3b  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 3b  | Forb           | <i>Polygala senega</i>                                | Seneca Snakeroot                | G4G5   | S3S4 |
| 3b  | Forb           | <i>Thalictrum occidentale</i> var. <i>occidentale</i> | Western Meadow-rue              | G5T5   | S1S2 |
| 4a  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 4a  | Forb           | <i>Polygala senega</i>                                | Seneca Snakeroot                | G4G5   | S3S4 |
| 4c  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 4e  | Graminoid      | <i>Calamagrostis lapponica</i>                        | Lapland Reed-grass              | G5     | S2S3 |
| 4e  | Graminoid      | <i>Carex hystericina</i>                              | Porcupine Sedge                 | G5     | S2   |
| 4e  | Graminoid      | <i>Carex pseudocyperus</i>                            | Cyperus-like Sedge              | G5     | S2S3 |
| 4e  | Graminoid      | <i>Scirpus pallidus</i>                               | Pale Bulrush                    | G5     | S2   |
| 5a  | Forb           | <i>Lilium philadelphicum</i> var. <i>andinum</i>      | Western Red Lily                | G5T4T5 | S3S4 |
| 5c  | Forb           | <i>Campanula aparinoides</i>                          | Marsh Bellflower                | G5     | S2S3 |

**Table 2: Unique and Rare Species Observations by ELC in the RSA**

|  |           |   |                                    |        |      |
|--|-----------|---|------------------------------------|--------|------|
| 5c   | Forb      | <i>Coeloglossum viride var. virescens</i>   | Long-bracted Green Bog Orchid      | G5T5   | S3S4 |
| 5c   | Forb      | <i>Lilium philadelphicum var. andinum</i>   | Western Red Lily                   | G5T4T5 | S3S4 |
| 5c   | Forb      | <i>Listera cordata var. cordata</i>         | Heart-leaved Twayblade             | G5T5   | S2   |
| 5c   | Forb      | <i>Polygala paucifolia</i>                  | Pink Fringed Milkwort              | G5     | S2S3 |
| 5c   | Graminoid | <i>Rhynchospora alba</i>                    | White Beaked-rush                  | G5     | S2S3 |
| 6a   | Forb      | <i>Cypripedium parviflorum var. makasin</i> | Small Yellow Lady's-slipper        | G5T4Q  | S2S4 |
| 6a   | Forb      | <i>Listera cordata var. cordata</i>         | Heart-leaved Twayblade             | G5T5   | S2   |
| 6a   | Forb      | <i>Pedicularis macrodonta</i>               | Purple Lousewort                   | G4Q    | S2   |
| 6a   | Graminoid | <i>Rhynchospora alba</i>                    | White Beaked-rush                  | G5     | S2S3 |
| 8b   | Forb      | <i>Aster modestus</i>                       | Large Northern Aster               | G5     | S2   |
| 8b   | Forb      | <i>Campanula aparinoides</i>                | Marsh Bellflower                   | G5     | S2S3 |
| 8b   | Forb      | <i>Coeloglossum viride var. virescens</i>   | Long-bracted Green Bog Orchid      | G5T5   | S3S4 |
| 8b   | Forb      | <i>Leucophysalis grandiflora</i>            | Large White-flowered Ground-cherry | G4?    | S2   |
| 8c   | Graminoid | <i>Carex pseudocyperus</i>                  | Cyperus-like Sedge                 | G5     | S2S3 |
| 8d   | Forb      | <i>Lactuca biennis</i>                      | Tall Blue Lettuce                  | G5     | S2   |
| Unclass-ified  | Forb      | <i>Polygala paucifolia</i>                  | Pink Fringed Milkwort              | G5     | S2S3 |
| <i>Rare Nonvascular Plants (Plants on the Saskatchewan CDC Tracking List as of Dec 01, 2010)</i> |           |   |                                    |        |      |
| 1a   | Lichen    | <i>Cladonia crispata</i>                    | Organ-pipe lichen                  | G3G5   | S3   |
| 1a   | Lichen    | <i>Cladonia macilenta</i>                   | Lipstick powderhorn                | G5     | S2   |
| 1a   | Lichen    | <i>Lecanora allophana</i>                   | Brown-eyed rim-lichen              | G5?    | S1   |
| 1a   | Lichen    | <i>Peltigera malacea</i>                    | Veinless pelt                      | G5     | S3   |
| 1a   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |
| 2a   | Lichen    | <i>Arthonia patellulata</i>                 | Comma lichen                       | G5     | S2   |
| 2a   | Lichen    | <i>Bryoria fuscescens</i>                   | Pale-footed horsehair lichen       | G5?    | S3   |
| 2a   | Lichen    | <i>Bryoria simplicior</i>                   | Horsehair lichen                   | G3G5   | S3   |
| 2a   | Lichen    | <i>Cladonia coniocraea</i>                  | Common powderhorn                  | G5     | S2   |
| 2a   | Lichen    | <i>Cladonia crispata</i>                    | Organ-pipe lichen                  | G3G5   | S3   |
| 2a   | Lichen    | <i>Cladonia cristatella</i>                 | British soldiers                   | G5?    | S3   |
| 2a   | Lichen    | <i>Cladonia macilenta</i>                   | Lipstick powderhorn                | G5     | S2   |
| 2a   | Lichen    | <i>Cladonia squamosa</i>                    | Dragon cladonia                    | G5     | S1   |
| 2a   | Lichen    | <i>Melanelia albertana</i>                  | Powder-rimmed camouflage lichen    | G3G5   | S3   |
| 2a   | Lichen    | <i>Peltigera malacea</i>                    | Veinless pelt                      | G5     | S3   |
| 2a   | Lichen    | <i>Tuckermannopsis americana</i>            | Fringed wrinkle-lichen             | G4G5   | S3   |
| 2a   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |
| 2b   | Lichen    | <i>Bryoria fuscescens</i>                   | Pale-footed horsehair lichen       | G5?    | S3   |
| 2b   | Lichen    | <i>Physcia stellaris</i>                    | Star rosette lichen                | G5     | S3S4 |
| 2b   | Lichen    | <i>Ramalina dilacerata</i>                  | Punctured ramalina                 | G3G5   | S3   |
| 2b   | Lichen    | <i>Tuckermannopsis americana</i>            | Fringed wrinkle-lichen             | G4G5   | S3   |
| 2b   | Lichen    | <i>Usnea lapponica</i>                      | Powdered beard lichen              | G5?    | S3   |
| 2b   | Lichen    | <i>Usnea scabiosa</i>                       | Beard lichen                       | GNR    | S1   |
| 2b   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |
| 2c   | Lichen    | <i>Bryoria fuscescens</i>                   | Pale-footed horsehair lichen       | G5?    | S3   |
| 2c   | Lichen    | <i>Cladonia crispata</i>                    | Organ-pipe lichen                  | G3G5   | S3   |
| 2c   | Lichen    | <i>Cladonia macilenta</i>                   | Lipstick powderhorn                | G5     | S2   |
| 2c   | Lichen    | <i>Melanelia exasperata</i>                 | Camouflage lichen                  | G3G5   | S1   |
| 2c   | Lichen    | <i>Ramalina dilacerata</i>                  | Punctured ramalina                 | G3G5   | S3   |
| 2c   | Lichen    | <i>Tuckermannopsis americana</i>            | Fringed wrinkle-lichen             | G4G5   | S3   |
| 2c   | Lichen    | <i>Usnea lapponica</i>                      | Powdered beard lichen              | G5?    | S3   |
| 2c   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |
| 2c   | Lichen    | <i>Xanthoria candelaria</i>                 | Shrubby sunburst lichen            | G3G5   | S3   |
| 2d   | Lichen    | <i>Cladonia coniocraea</i>                  | Common powderhorn                  | G5     | S2   |
| 3c   | Lichen    | <i>Bryoria fuscescens</i>                   | Pale-footed horsehair lichen       | G5?    | S3   |
| 3c   | Lichen    | <i>Lecanora allophana</i>                   | Brown-eyed rim-lichen              | G5?    | S1   |
| 3c   | Lichen    | <i>Melanelia subaurifera</i>                | Abraded camouflage lichen          | G3G5   | S2S3 |
| 3c   | Lichen    | <i>Ramalina dilacerata</i>                  | Punctured ramalina                 | G3G5   | S3   |
| 3c   | Lichen    | <i>Tuckermannopsis americana</i>            | Fringed wrinkle-lichen             | G4G5   | S3   |
| 3c   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |
| 4b   | Lichen    | <i>Bryoria simplicior</i>                   | Horsehair lichen                   | G3G5   | S3   |
| 5c   | Lichen    | <i>Bryoria fuscescens</i>                   | Pale-footed horsehair lichen       | G5?    | S3   |
| 5c   | Lichen    | <i>Cladonia cenotea</i>                     | Powdered funnel lichen             | G5     | S3   |
| 5c   | Lichen    | <i>Cladonia coniocraea</i>                  | Common powderhorn                  | G5     | S2   |
| 5c   | Lichen    | <i>Peltigera polydactylon</i>               | Many-fruited pelt                  | G5?    | S2   |
| 5c   | Lichen    | <i>Ramalina farinacea</i>                   | Dotted ramalina                    | G3G5   | S1   |
| 5c   | Lichen    | <i>Tuckermannopsis americana</i>            | Fringed wrinkle-lichen             | G4G5   | S3   |
| 5c   | Lichen    | <i>Usnea lapponica</i>                      | Powdered beard lichen              | G5?    | S3   |
| 5c   | Lichen    | <i>Usnea subfloridana</i>                   | Beard lichen                       | GNR    | S3S4 |



**Table 3: Breeding Bird Species by Habitat Type**

| Common Name             | Latin Name                        | Habitat Type (See Table 17) |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|-----------------------------------|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                         |                                   | A                           | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V |
| American Crow           | <i>Corvus brachyrhynchos</i>      |                             |   |   |   |   |   |   |   |   | * |   |   |   |   |   | * |   |   |   |   |   |   |
| American Goldfinch      | <i>Carduelis tristis</i>          |                             |   | * |   |   |   |   |   | * | * |   |   |   |   |   | X |   |   |   | * |   |   |
| American Redstart       | <i>Setophaga ruticilla</i>        |                             |   |   |   | * |   | * | * |   | * |   |   |   |   |   |   |   |   |   |   |   |   |
| Barn Swallow            | <i>Hirundo rustica</i>            |                             |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Belted Kingfisher       | <i>Ceryle alcyon</i>              |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |
| Black-and-white Warbler | <i>Mniotilta varia</i>            |                             |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Black-capped Chickadee  | <i>Poecile atricapillus</i>       | *                           |   |   |   |   |   |   |   | * | * |   |   |   |   |   |   |   |   |   |   |   |   |
| Blue Jay                | <i>Cyanocitta cristata</i>        | *                           |   | * |   |   |   | * | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brewer's Blackbird      | <i>Euphagus cyanocephalus</i>     |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |
| Brown Creeper           | <i>Certhia americana</i>          |                             | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cedar Waxwing           | <i>Bombycilla cedrorum</i>        | *                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Chestnut-sided Warbler  | <i>Dendroica pensylvanica</i>     |                             |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Chipping Sparrow        | <i>Spizella passerina</i>         | *                           | * | X | X | * |   | * |   |   | X | * |   | X | * | * |   | * | X | * | * |   |   |
| Clay-coloured Sparrow   | <i>Spizella pallida</i>           |                             |   |   | * | * | * |   |   |   |   |   |   |   |   | * |   |   |   |   | * | * |   |
| Common Merganser        | <i>Mergus merganser</i>           |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Common Yellowthroat     | <i>Geothlypis trichas</i>         | *                           |   |   |   |   |   |   | X |   | X | * | * | * | * | X |   |   | * | X | X | * |   |
| Cooper's Hawk           | <i>Accipiter cooperii</i>         |                             |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Dark-eyed Junco         | <i>Junco hyemalis</i>             | X                           | X | X |   | * | * |   |   | X |   |   |   | * |   |   | X | * |   |   |   |   |   |
| Eastern Phoebe          | <i>Sayornis phoebe</i>            |                             |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |
| Evening Grosbeak        | <i>Coccothraustes vespertinus</i> |                             |   |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |
| Gray Catbird            | <i>Dumetella carolinensis</i>     |                             |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |
| Gray Jay                | <i>Perisoreus Canadensis</i>      |                             |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Least Flycatcher        | <i>Empidonax minimus</i>          |                             |   |   | * |   | X |   |   |   | * | * | * | * | * | * |   |   | * | * | X | X |   |
| Magnolia Warbler        | <i>Dendroica magnolia</i>         |                             |   |   |   |   |   |   |   |   | * | * |   | * | * |   |   |   |   |   |   |   |   |
| Mallard                 | <i>Anas platyrhynchos</i>         |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * | * |   |
| Marsh Wren              | <i>Cistothorus palustris</i>      |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |   |
| Mountain Bluebird       | <i>Sialia currucoides</i>         |                             |   |   |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |
| Mourning Dove           | <i>Zenaida macroura</i>           | *                           |   | * |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Northern Flicker        | <i>Colaptes auratus</i>           |                             |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Olive-sided Flycatcher  | <i>Contopus cooperi</i>           |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |
| Ovenbird                | <i>Seiurus aurocapillus</i>       |                             |   |   |   | X |   | * |   | * | X |   | X |   |   | * |   |   |   |   |   |   |   |
| Philadelphia Vireo      | <i>Vireo philadelphicus</i>       |                             | * |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pine Siskin             | <i>Carduelis pinus</i>            | *                           |   | * |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   | * |   |   |   |
| Red-breasted Nuthatch   | <i>Sitta canadensis</i>           |                             |   |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |
| Red-eyed Vireo          | <i>Vireo olivaceus</i>            | *                           | X | X | * | X | X | X | X | * | X | X | X | * | * | * | X |   |   |   |   | X | * |
| Red-necked Grebe        | <i>Podiceps grisegena</i>         |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |
| Red-tailed Hawk         | <i>Buteo jamaicensis</i>          |                             |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Red-winged Blackbird    | <i>Agelaius phoeniceus</i>        |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |
| Ring-billed Gull        | <i>Larus delawarensis</i>         |                             |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |
| Rose-breasted Grosbeak  | <i>Pheucticus ludovicianus</i>    |                             |   |   |   |   |   |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |
| Ruby-crowned Kinglet    | <i>Regulus calendula</i>          |                             | * | * |   |   |   |   |   | * |   |   |   | X | * |   |   | X | * |   | * |   |   |
| Ruddy Duck              | <i>Oxyura jamaicensis</i>         |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | * |   | * |   |   |
| Sedge Wren              | <i>Cistothorus platensis</i>      |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | * |   |   |   |   |
| Song Sparrow            | <i>Melospiza melodia</i>          |                             |   | * |   | * | * |   |   |   | * | * |   |   | * | X |   |   |   |   | * | X |   |
| Sora                    | <i>Porzana carolina</i>           |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |   |
| Spotted Sandpiper       | <i>Actitis macularia</i>          |                             |   |   |   |   | * |   |   |   | * |   |   |   |   | * |   |   |   |   |   | * |   |
| Swainson's Thrush       | <i>Catharus ustulatus</i>         | *                           | * | * | * | * |   | * |   | * | * | * |   |   |   |   |   |   |   |   |   |   |   |
| Tennessee Warbler       | <i>Vermivora peregrina</i>        |                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * |   |   |   |   |

**Table 3: Breeding Bird Species by Habitat Type**

| Common Name              | Latin Name                     | Habitat Type (See Table 17) |   |   |   |   |   |   |   |          |   |   |   |   |   |   |   |   |   |   |   |   |          |
|--------------------------|--------------------------------|-----------------------------|---|---|---|---|---|---|---|----------|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                          |                                | A                           | B | C | D | E | F | G | H | I        | J | K | L | M | N | O | P | Q | R | S | T | U | V        |
| Tree Swallow             | <i>Tachycineta bicolor</i>     |                             |   |   | * |   |   |   |   |          |   |   |   |   |   |   |   |   |   |   |   |   | *        |
| Turkey Vulture           | <i>Cathartes aura</i>          |                             |   |   | * |   |   |   |   |          |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Unidentified Passerine   | -                              | x                           | * |   |   | * |   | * |   | *        | * |   | * | * |   |   |   |   |   | * |   | * |          |
| White-breasted Nuthatch  | <i>Sitta carolinensis</i>      |                             |   |   |   |   |   |   |   |          |   | * |   |   |   |   |   |   |   |   |   |   |          |
| White-throated Sparrow   | <i>Zonotrichia albicollis</i>  | x                           | * | * | x | * | x | * | * | <b>X</b> | x | * |   | x | x |   | x |   | * | x | x | * | <b>X</b> |
| Wilson's Snipe           | <i>Gallinago delicata</i>      |                             |   |   |   |   |   |   |   |          |   |   |   |   |   |   |   |   |   | x |   | * |          |
| Winter Wren              | <i>Troglodytes troglodytes</i> |                             |   |   |   |   |   |   |   |          |   |   |   |   |   |   |   |   |   | x |   |   |          |
| Yellow Warbler           | <i>Dendroica petechia</i>      |                             |   |   |   | * | * | * | * |          | * |   | * |   |   |   |   |   |   |   |   |   | *        |
| Yellow-bellied Sapsucker | <i>Sphyrapicus varius</i>      |                             |   | * |   |   |   | * |   |          |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Yellow-rumped Warbler    | <i>Dendroica coronata</i>      | *                           |   |   |   |   |   |   | * |          |   |   |   |   | * |   |   |   |   |   |   |   |          |

**Note:** \* Infrequent <33.3% of sites, x Uncommon 33.3-66.6% of sites, **X** Common >66.6% of sites

**Table 4: Non-native Species Observations**

| ELC | Life Form | Species Name                   | Common Name         | N  | Total Observations | Noxious |
|-----|-----------|--------------------------------|---------------------|----|--------------------|---------|
| 1a  | Forb      | <i>Arabis glabra</i>           | Tower Mustard       | 45 | 2                  | No      |
| 1a  | Forb      | <i>Daucus carota</i>           | Wild Carrot         | 45 | 1                  | No      |
| 1a  | Graminoid | <i>Festuca ovina</i>           | Sheep Fescue        | 45 | 1                  | No      |
| 1a  | Forb      | <i>Lepidium densiflorum</i>    | Miner's Pepperwort  | 45 | 2                  | No      |
| 1a  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 45 | 2                  | Yes     |
| 1a  | Forb      | <i>Tragopogon pratensis</i>    | Goat's-beard        | 45 | 1                  | no      |
| 1b  | Forb      | <i>Crepis tectorum</i>         | Annual Hawksbeard   | 9  | 2                  | no      |
| 1b  | Forb      | <i>Descurainia sophia</i>      | Flixweed            | 9  | 1                  | no      |
| 1b  | Forb      | <i>Erysimum cheiranthoides</i> | Wormseed Mustard    | 9  | 1                  | no      |
| 1b  | Graminoid | <i>Festuca ovina</i>           | Sheep Fescue        | 9  | 1                  | no      |
| 1b  | Forb      | <i>Lepidium densiflorum</i>    | Miner's Pepperwort  | 9  | 1                  | no      |
| 1b  | Forb      | <i>Leucanthemum vulgare</i>    | Ox-eye Daisy        | 9  | 1                  | no      |
| 1b  | Forb      | <i>Polygonum convolvulus</i>   | Wild Buckwheat      | 9  | 1                  | yes     |
| 1b  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 9  | 1                  | yes     |
| 1b  | Forb      | <i>Thlaspi arvense</i>         | Stinkweed           | 9  | 1                  | yes     |
| 2a  | Forb      | <i>Arabis glabra</i>           | Tower Mustard       | 30 | 1                  | no      |
| 2a  | Graminoid | <i>Bromus inermis</i>          | Smooth Brome        | 30 | 1                  | no      |
| 2a  | Forb      | <i>Cirsium arvense</i>         | Canada Thistle      | 30 | 1                  | yes     |
| 2a  | Forb      | <i>Crepis tectorum</i>         | Annual Hawksbeard   | 30 | 2                  | no      |
| 2a  | Forb      | <i>Daucus carota</i>           | Wild Carrot         | 30 | 1                  | no      |
| 2a  | Forb      | <i>Lepidium densiflorum</i>    | Miner's Pepperwort  | 30 | 1                  | no      |
| 2a  | Forb      | <i>Plantago major</i>          | Common Plantain     | 30 | 1                  | no      |
| 2a  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 30 | 1                  | yes     |
| 2a  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 30 | 4                  | yes     |
| 2b  | Forb      | <i>Chenopodium album</i>       | Lamb's-quarter's    | 18 | 1                  | no      |
| 2b  | Forb      | <i>Crepis tectorum</i>         | Annual Hawksbeard   | 18 | 1                  | no      |
| 2b  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 18 | 5                  | yes     |
| 2c  | Graminoid | <i>Festuca ovina</i>           | Sheep Fescue        | 8  | 1                  | no      |
| 2c  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 8  | 3                  | yes     |
| 2d  | Graminoid | <i>Bromus inermis</i>          | Smooth Brome        | 5  | 1                  | no      |
| 2d  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 5  | 1                  | yes     |
| 2d  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 5  | 3                  | yes     |
| 2e  | Forb      | <i>Arabis glabra</i>           | Tower Mustard       | 7  | 1                  | no      |
| 2e  | Forb      | <i>Axyris amaranthoides</i>    | Russian Pigweed     | 7  | 1                  | no      |
| 2e  | Forb      | <i>Chenopodium album</i>       | Lamb's-quarter's    | 7  | 1                  | no      |
| 2e  | Forb      | <i>Crepis tectorum</i>         | Annual Hawksbeard   | 7  | 1                  | no      |
| 2e  | Forb      | <i>Galeopsis tetrahit</i>      | Hemp-nettle         | 7  | 1                  | no      |
| 2e  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 7  | 1                  | yes     |
| 2e  | Forb      | <i>Sonchus asper</i>           | Prickly Sow-thistle | 7  | 1                  | no      |
| 2e  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 7  | 4                  | yes     |
| 3a  | Forb      | <i>Crepis tectorum</i>         | Annual Hawksbeard   | 24 | 1                  | no      |
| 3a  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 24 | 1                  | yes     |
| 3a  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 24 | 7                  | yes     |
| 3b  | Graminoid | <i>Bromus inermis</i>          | Smooth Brome        | 11 | 1                  | no      |
| 3b  | Forb      | <i>Taraxacum officinale</i>    | Common Dandelion    | 11 | 5                  | yes     |
| 3c  | Forb      | <i>Sonchus arvensis</i>        | Field Sow-thistle   | 5  | 2                  | yes     |

**Table 4: Non-native Species Observations**

| ELC | Life Form | Species Name                       | Common Name         | N  | Total Observations | Noxious |
|-----|-----------|------------------------------------|---------------------|----|--------------------|---------|
| 3c  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 5  | 1                  | yes     |
| 4a  | Forb      | <i>Corispermum pallasii</i>        | Siberian bugseed    | 16 | 1                  | no      |
| 4a  | Graminoid | <i>Phleum pratense</i>             | Timothy             | 16 | 1                  | no      |
| 4a  | Forb      | <i>Sonchus arvensis</i>            | Field Sow-thistle   | 16 | 1                  | yes     |
| 4a  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 16 | 10                 | yes     |
| 4b  | Forb      | <i>Cirsium arvense</i>             | Canada Thistle      | 10 | 3                  | yes     |
| 4b  | Forb      | <i>Crepis tectorum</i>             | Annual Hawksbeard   | 10 | 2                  | no      |
| 4b  | Graminoid | <i>Hordeum jubatum</i>             | Wild Barley         | 10 | 1                  | no      |
| 4b  | Forb      | <i>Matricaria perforata</i>        | Scentless Chamomile | 10 | 1                  | yes     |
| 4b  | Forb      | <i>Sonchus arvensis</i>            | Field Sow-thistle   | 10 | 3                  | yes     |
| 4b  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 10 | 8                  | yes     |
| 4b  | Forb      | <i>Thlaspi arvense</i>             | Stinkweed           | 10 | 1                  | yes     |
| 4c  | Graminoid | <i>Bromus inermis</i>              | Smooth Brome        | 7  | 1                  | no      |
| 4c  | Graminoid | <i>Elytrigia repens</i>            | Creeping Wild Rye   | 7  | 1                  | yes     |
| 4c  | Forb      | <i>Plantago major</i>              | Common Plantain     | 7  | 1                  | no      |
| 4c  | Forb      | <i>Sonchus arvensis</i>            | Field Sow-thistle   | 7  | 1                  | yes     |
| 4c  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 7  | 5                  | yes     |
| 4e  | Graminoid | <i>Bromus inermis</i>              | Smooth Brome        | 16 | 5                  | no      |
| 4e  | Forb      | <i>Chenopodium album</i>           | Lamb's-quarter's    | 16 | 1                  | no      |
| 4e  | Forb      | <i>Cirsium arvense</i>             | Canada Thistle      | 16 | 8                  | yes     |
| 4e  | Forb      | <i>Crepis tectorum</i>             | Annual Hawksbeard   | 16 | 2                  | no      |
| 4e  | Graminoid | <i>Elytrigia repens</i>            | Creeping Wild Rye   | 16 | 2                  | yes     |
| 4e  | Forb      | <i>Erysimum cheiranthoides</i>     | Wormseed Mustard    | 16 | 1                  | no      |
| 4e  | Forb      | <i>Gnaphalium uliginosum</i>       | Low Cudweed         | 16 | 1                  | no      |
| 4e  | Graminoid | <i>Hordeum jubatum</i>             | Wild Barley         | 16 | 2                  | no      |
| 4e  | Forb      | <i>Kochia scoparia</i>             | Summer-cypress      | 16 | 1                  | no      |
| 4e  | Forb      | <i>Medicago lupulina</i>           | Black Medic         | 16 | 3                  | no      |
| 4e  | Forb      | <i>Medicago sativa</i>             | Alfalfa             | 16 | 1                  | no      |
| 4e  | Forb      | <i>Plantago major</i>              | Common Plantain     | 16 | 2                  | no      |
| 4e  | Forb      | <i>Polygonum arenastrum</i>        | Oval-leaf Knotweed  | 16 | 1                  | no      |
| 4e  | Forb      | <i>Polygonum convolvulus</i>       | Wild Buckwheat      | 16 | 1                  | yes     |
| 4e  | Forb      | <i>Rumex crispus</i>               | Curled Dock         | 16 | 1                  | no      |
| 4e  | Forb      | <i>Senecio vulgaris</i>            | Common Groundsel    | 16 | 1                  | no      |
| 4e  | Forb      | <i>Sonchus arvensis</i>            | Field Sow-thistle   | 16 | 6                  | yes     |
| 4e  | Forb      | <i>Tanacetum vulgare</i>           | Tansy               | 16 | 2                  | no      |
| 4e  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 16 | 6                  | yes     |
| 4e  | Forb      | <i>Tragopogon dubius</i>           | Yellow Goat's-beard | 16 | 1                  | no      |
| 4e  | Forb      | <i>Trifolium hybridum</i>          | Alsike Clover       | 16 | 2                  | no      |
| 4e  | Forb      | <i>Trifolium pratense</i>          | Red Clover          | 16 | 1                  | no      |
| 4e  | Forb      | <i>Veronica anagallis-aquatica</i> | Brook-pimpernell    | 16 | 3                  | no      |
| 4e  | Forb      | <i>Vicia cracca</i>                | Tufted Vetch        | 16 | 1                  | no      |
| 5a  | Forb      | <i>Crepis tectorum</i>             | Annual Hawksbeard   | 9  | 1                  | no      |
| 5a  | Graminoid | <i>Elytrigia repens</i>            | Creeping Wild Rye   | 9  | 1                  | yes     |
| 5a  | Forb      | <i>Sonchus arvensis</i>            | Field Sow-thistle   | 9  | 1                  | yes     |
| 5a  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 9  | 3                  | yes     |
| 5b  | Forb      | <i>Taraxacum officinale</i>        | Common Dandelion    | 5  | 2                  | yes     |

**Table 4: Non-native Species Observations**

| <b>ELC</b> | <b>Life Form</b> | <b>Species Name</b>     | <b>Common Name</b>  | <b>N</b> | <b>Total Observations</b> | <b>Noxious</b> |
|------------|------------------|-------------------------|---------------------|----------|---------------------------|----------------|
| 5c         | Graminoid        | Bromus inermis          | Smooth Brome        | 21       | 1                         | no             |
| 5c         | Forb             | Cirsium arvense         | Canada Thistle      | 21       | 1                         | yes            |
| 5c         | Forb             | Sonchus arvensis        | Field Sow-thistle   | 21       | 2                         | yes            |
| 5c         | Forb             | Taraxacum officinale    | Common Dandelion    | 21       | 7                         | yes            |
| 8b         | Forb             | Cirsium arvense         | Canada Thistle      | 9        | 2                         | yes            |
| 8b         | Forb             | Melilotus officinalis   | Yellow Sweet-clover | 9        | 1                         | no             |
| 8b         | Forb             | Polygonum persicaria    | Lady's-thumb        | 9        | 1                         | no             |
| 8b         | Forb             | Rumex crispus           | Curled Dock         | 9        | 1                         | no             |
| 8b         | Forb             | Sonchus arvensis        | Field Sow-thistle   | 9        | 2                         | yes            |
| 8b         | Forb             | Taraxacum officinale    | Common Dandelion    | 9        | 3                         | yes            |
| 8c         | Forb             | Cirsium arvense         | Canada Thistle      | 12       | 2                         | yes            |
| 8c         | Forb             | Erysimum cheiranthoides | Wormseed Mustard    | 12       | 3                         | no             |
| 8c         | Forb             | Galeopsis tetrahit      | Hemp-nettle         | 12       | 2                         | no             |
| 8c         | Graminoid        | Hordeum jubatum         | Wild Barley         | 12       | 1                         | no             |
| 8c         | Forb             | Plantago major          | Common Plantain     | 12       | 1                         | no             |
| 8c         | Forb             | Sonchus arvensis        | Field Sow-thistle   | 12       | 2                         | yes            |
| 8c         | Forb             | Taraxacum officinale    | Common Dandelion    | 12       | 4                         | yes            |
| 8d         | Forb             | Cirsium arvense         | Canada Thistle      | 5        | 1                         | yes            |
| 8d         | Forb             | Crepis tectorum         | Annual Hawksbeard   | 5        | 1                         | no             |
| 8d         | Forb             | Erysimum cheiranthoides | Wormseed Mustard    | 5        | 1                         | no             |
| 8d         | Forb             | Plantago major          | Common Plantain     | 5        | 1                         | no             |
| 8d         | Forb             | Polygonum persicaria    | Lady's-thumb        | 5        | 1                         | no             |
| 8d         | Forb             | Sonchus arvensis        | Field Sow-thistle   | 5        | 2                         | yes            |
| 8d         | Forb             | Taraxacum officinale    | Common Dandelion    | 5        | 1                         | yes            |
| 8d         | Forb             | Thlaspi arvense         | Stinkweed           | 5        | 1                         | yes            |
| 9a         | Forb             | Ambrosia species        | ragweed             | 2        | 1                         | maybe          |
| 9a         | Forb             | Arctium minus           | Common Burdock      | 2        | 1                         | no             |
| 9a         | Forb             | Cirsium arvense         | Canada Thistle      | 2        | 1                         | yes            |
| 9a         | Forb             | Medicago lupulina       | Black Medic         | 2        | 1                         | no             |
| 9a         | Forb             | Plantago major          | Common Plantain     | 2        | 1                         | no             |
| 9a         | Graminoid        | Setaria viridis         | Green foxtail       | 2        | 1                         | yes            |
| 9a         | Forb             | Sonchus arvensis        | Field Sow-thistle   | 2        | 1                         | yes            |
| 9a         | Forb             | Taraxacum officinale    | Common Dandelion    | 2        | 1                         | yes            |