

**Alberta Wetland Classification Species for Marshes and Swamps reported by ABMI to have been found in south of township 32, and east of range 26, west of 4th Meridian**

|                                                                      |                           | Rating |
|----------------------------------------------------------------------|---------------------------|--------|
| <i>Achillea millefolium</i> L.                                       | common yarrow             | 2      |
| <i>Agoseris glauca</i> (Pursh) Raf.                                  | yellow false dandelion    | 2      |
| <i>Agrostis scabra</i> Willd.                                        | rough hair grass          | 2      |
| <i>Agrostis stolonifera</i> L.                                       | redtop                    | 2      |
| <i>Alopecurus aequalis</i> Sobol.                                    | short-awned foxtail       | 1      |
| <i>Alopecurus pratensis</i> L.                                       | meadow foxtail            | 3      |
| <i>Amaranthus retroflexus</i> L.                                     | red-root pigweed          | 3      |
| <i>Amphiscirpus nevadensis</i> (S. Watson) Oteng-Yeb.                | Nevada bulrush            | 3      |
| <i>Androsace occidentalis</i> Pursh.                                 | western fairy candelabra  | 3      |
| <i>Artemisia biennis</i> Willd.                                      | biennial sagewort         | 2      |
| <i>Artemisia ludoviciana</i> Nutt.                                   | prairie sagewort          | 2      |
| <i>Astragalus americanus</i> (Hook.) Jones                           | American milk vetch       | 2      |
| <i>Astragalus canadensis</i> L.                                      | Canadian milk vetch       | 2      |
| <i>Atriplex argentea</i> Nutt.                                       | silver saltbush           | 3      |
| <i>Atriplex prostrata</i> Bouch r ex DC.                             | prostrate saltbush        | 3      |
| <i>Beckmannia syzigachne</i> (Steud.) Fernald                        | sloughgrass               | 1      |
| <i>Bidens cernua</i> L.                                              | nodding beggarticks       | 3      |
| <i>Bolboschoenus maritimus</i> ssp. <i>paludosus</i> (Nelson) Koyama | prairie bulrush           | 3      |
| <i>Bromus inermis</i> Leyss.                                         | smooth brome              | 2      |
| <i>Calamagrostis canadensis</i> (Michx.) Beauv.                      | bluejoint                 | 3      |
| <i>Calamagrostis stricta</i> ssp. <i>inexpansa</i> (Gray) Greene     | northern reed grass       | 1      |
| <i>Calla palustris</i> L.                                            | water arum                | 3      |
| <i>Callitriche palustris</i> L.                                      | vernal water-starwort     | 3      |
| <i>Canadanthus modestus</i> (Lindl.) Nesom                           | large northern aster      | 3      |
| <i>Capsella bursa-pastoris</i> (L.) Medik.                           | shepherd's purse          | 2      |
| <i>Carex aquatilis</i> Wahlenb.                                      | water sedge               | 1      |
| <i>Carex atherodes</i> Spreng.                                       | awned sedge               | 1      |
| <i>Carex aurea</i> Nutt.                                             | golden sedge              | 3      |
| <i>Carex brevior</i> (Dewey) Mack ex Lunell                          | slender-beaked sedge      | 3      |
| <i>Carex lacustris</i> Willd.                                        | lakeshore sedge           | 3      |
| <i>Carex pellita</i> Muhl. ex Willd.                                 | woolly sedge              | 1      |
| <i>Carex praegracilis</i> Boott                                      | graceful sedge            | 3      |
| <i>Carex prairea</i> Dewey ex Wood                                   | prairie sedge             | 3      |
| <i>Carex rostrata</i> Stokes                                         | beaked sedge              | 1      |
| <i>Carex utriculata</i> Boott                                        | small bottle sedge        | 3      |
| <i>Carex viridula</i> Michx.                                         | green sedge               | 3      |
| <i>Catabrosa aquatica</i> (L.) Beauv.                                | brook grass               | 3      |
| <i>Cerastium arvense</i> L.                                          | field mouse-ear chickweed | 2      |
| <i>Ceratodon purpureus</i> (Hedw.) Brid.                             | purple horn-toothed moss  | 3      |
| <i>Chamerion angustifolium</i> ssp. <i>angustifolium</i> (L.) Holub  | common fireweed           | 3      |
| <i>Chenopodium album</i> L.                                          | lamb's quarters           | 2      |
| <i>Chenopodium capitatum</i> Aschers                                 | strawberry blite          | 3      |
| <i>Chenopodium glaucum</i> var. <i>salinum</i> (Standl.) B. Boivin   | oak-leaved goosefoot      | 3      |

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|                                                              |                           |   |
|--------------------------------------------------------------|---------------------------|---|
| <i>Chenopodium rubrum</i> L.                                 | red goosefoot             | 3 |
| <i>Cicuta maculata</i> L.                                    | water-hemlock             | 1 |
| <i>Cirsium arvense</i> (L.) Scop.                            | creeping thistle          | 3 |
| <i>Conium maculatum</i> L.                                   | poison hemlock            | 3 |
| <i>Conyza canadensis</i> (L.) Cronquist                      | horseweed                 | 3 |
| <i>Crepis tectorum</i> L.                                    | annual hawk's-beard       | 3 |
| <i>Cyclachaena xanthifolia</i> (Nutt.) Fresen                | false ragweed             | 3 |
| <i>Deschampsia cespitosa</i> (L.) Beauv.                     | tufted hairgrass          | 1 |
| <i>Descurainia sophia</i> (L.) Webb ex Prantl                | flixweed                  | 3 |
| <i>Distichlis spicata</i> ssp. <i>stricta</i> (Torr.) Beetle | Inland saltgrass          | 3 |
| <i>Elaeagnus commutata</i> Bernh. ex Rydb.                   | silverberry               | 2 |
| <i>Elatine triandra</i> Schkuhr.                             | waterwort                 | 3 |
| <i>Eleocharis acicularis</i> (L.) Roemer & Schult.           | needle spikerush          | 3 |
| <i>Eleocharis palustris</i> (L.) Roemer & Schult.            | creeping spike-rush       | 1 |
| <i>Elodea canadensis</i> Mitchx.                             | Canada waterweed          | 3 |
| <i>Elymus repens</i> (L.) Gould                              | quackgrass                | 2 |
| <i>Elymus trachycaulus</i> (Link) Gound ex Shinnars          | slender wheatgrass        | 2 |
| <i>Epilobium ciliatum</i> Raf.                               | northern willowherb       | 3 |
| <i>Epilobium palustre</i> L.                                 | marsh willowherb          | 3 |
| <i>Equisetum arvense</i> L.                                  | common horsetail          | 2 |
| <i>Equisetum fluviatile</i> L.                               | swamp horsetail           | 3 |
| <i>Equisetum hyemale</i> L.                                  | common scouring-rush      | 3 |
| <i>Equisetum palustre</i> L.                                 | marsh horsetail           | 3 |
| <i>Erigeron lonchophyllus</i> Hook.                          | fleabane                  | 2 |
| <i>Erigeron philadelphicus</i> L.                            | Philadelphia fleabane     | 2 |
| <i>Erysimum cheiranthoides</i> L.                            | wormseed mustard          | 3 |
| <i>Fallopia convolvulus</i> (L.) Löve                        | wild buckwheat            | 3 |
| <i>Fragaria vesca</i> L.                                     | woodland strawberry       | 3 |
| <i>Fragaria virginiana</i> Duchesne                          | wild strawberry           | 3 |
| <i>Galeopsis tetrahit</i> L.                                 | hemp-nettle               | 2 |
| <i>Galium boreale</i> L.                                     | Labrador bedstraw         | 3 |
| <i>Galium trifidum</i> L.                                    | small bedstraw            | 3 |
| <i>Galium triflorum</i> Michx.                               | sweet-scented bedstraw    | 3 |
| <i>Geum aleppicum</i> Jacq.                                  | yellow avens              | 3 |
| <i>Geum macrophyllum</i> Willd.                              | large-leaved yellow avens | 3 |
| <i>Geum rivale</i> L.                                        | purple avens              | 3 |
| <i>Glyceria borealis</i> (Nash) Batch.                       | northern manna grass      | 3 |
| <i>Glyceria grandis</i> S. Wats.                             | common tall mannagrass    | 3 |
| <i>Glyceria striata</i> (Lam.) Hitchc.                       | fowl manna grass          | 1 |
| <i>Glycyrrhiza lepidota</i> (Nutt.) Pursh                    | wild licorice             | 3 |
| <i>Gnaphalium palustre</i> Nutt.                             | marsh cudweed             | 3 |
| <i>Gratiola neglecta</i> Torr.                               | clammy hedge-hyssop       | 3 |
| <i>Hedysarum alpinum</i> L.                                  | alpine hedysarum          | 3 |
| <i>Helenium autumnale</i> L.                                 | sneezeweed                | 3 |
| <i>Helianthus nuttallii</i> Torr. & Gray                     | common tall sunflower     | 3 |

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|                                                                     |                              |   |
|---------------------------------------------------------------------|------------------------------|---|
| <i>Heracleum sphondylium</i> ssp. <i>montanum</i> (Schleich.) Briq. | cow parsnip                  | 3 |
| <i>Hieracium umbellatum</i> L.                                      | narrow-leaved hawkweed       | 3 |
| <i>Hippuris vulgaris</i> L.                                         | common maretail              | 3 |
| <i>Hordeum jubatum</i> L.                                           | foxtail barley               | 1 |
| <i>Iva axillaris</i> Pursh                                          | povertyweed                  | 3 |
| <i>Juncus balticus</i> Willd.                                       | wire rush                    | 1 |
| <i>Juncus bufonius</i> L.                                           | toad rush                    | 3 |
| <i>Juncus nodosus</i> L.                                            | knotted rush                 | 3 |
| <i>Juncus tenuis</i> Willd.                                         | slender rush                 | 3 |
| <i>Kochia scoparia</i> (L.) Schrad.                                 | summer-cypress               | 3 |
| <i>Lactuca serriola</i> L.                                          | prickly lettuce              | 2 |
| <i>Lathyrus ochroleucus</i> Hook.                                   | cream-coloured vetchling     | 3 |
| <i>Lemna minor</i> L.                                               | common duckweed              | 3 |
| <i>Lepidium densiflorum</i> Schrad.                                 | common pepper-grass          | 2 |
| <i>Limosella aquatica</i> L.                                        | mudwort                      | 3 |
| <i>Lotus corniculatus</i> L.                                        | bird's-foot trefoil          | 3 |
| <i>Lycopus asper</i> Greene                                         | western water-horehound      | 3 |
| <i>Lysimachia maritima</i> (L.) Galasso, Banfi & Soldano            | sea milkwort                 | 3 |
| <i>Lysimachia thysiflora</i> L.                                     | tufted loosestrife           | 3 |
| <i>Maianthemum stellatum</i> (L.) Link                              | star-flowered Solomon's-seal | 3 |
| <i>Matricaria discoidea</i> DC                                      | pineappleweed                | 3 |
| <i>Melilotus officinalis</i> (L.) Lam                               | yellow sweet-clover          | 3 |
| <i>Mentha arvensis</i> L.                                           | wild mint                    | 1 |
| <i>Monolepis nuttalliana</i> (Schult.) Greene                       | spear-leaved goosefoot       | 3 |
| <i>Muhlenbergia asperifolia</i> (Nees & Meyen ex Trin.) Parodi      | scratch grass                | 3 |
| <i>Muhlenbergia richardsonis</i> (Trin.) Rydb.                      | mat muhly                    | 3 |
| <i>Myriophyllum sibiricum</i> Kom.                                  | spike water-milfoil          | 3 |
| <i>Osmorhiza longistylis</i> (Torr.) DC.                            | smooth sweet cicely          | 3 |
| <i>Parnassia palustris</i> L.                                       | northern grass-of-Parnassus  | 3 |
| <i>Pascopyrum smithii</i>                                           | western wheatgrass           | 2 |
| <i>Persicaria amphibia</i> (L.) Gray                                | water smartweed              | 3 |
| <i>Persicaria lapathifolia</i> (L.) Gray                            | pale persicaria              | 3 |
| <i>Petasites frigidus</i> var. <i>sagittatus</i>                    | arrow-leaved coltsfoot       | 3 |
| <i>Phalaris arundinacea</i> L.                                      | reed canary grass            | 1 |
| <i>Phalaris canariensis</i> L.                                      | canary grass                 | 3 |
| <i>Phleum pratense</i> L.                                           | timothy                      | 2 |
| <i>Plagiobothrys scouleri</i> (Hook.&Arn.) Johnst.                  | Scouler's allocarya          | 3 |
| <i>Plantago eriopoda</i> Torr.                                      | saline plantain              | 3 |
| <i>Poa palustris</i> L.                                             | fowl bluegrass               | 1 |
| <i>Poa pratensis</i> L.                                             | Kentucky bluegrass           | 1 |
| <i>Polygonum achoreum</i> S.F. Blake                                | striate knotweed             | 1 |
| <i>Polygonum erectum</i> L.                                         | striate knotweed             | 3 |
| <i>Polygonum ramosissimum</i> Michx.                                | bushy knotweed               | 3 |
| <i>Populus deltoides</i> Bartr. ex Marsh.                           | plains cottonwood            | 1 |
| <i>Potamogeton foliosus</i> Raf.                                    | leafy pondweed               | 3 |

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|------------------------------------------------------|-----------------------------|---|
| Potamogeton gramineus L.                             | various-leaved pondweed     | 3 |
| Potentilla anserina (L.) Rydb.                       | silverweed                  | 2 |
| Potentilla gracilis Douglas ex. Hook.                | graceful cinquefoil         | 3 |
| Potentilla norvegica L.                              | rough cinquefoil            | 3 |
| Potentilla rivalis Nutt.                             | brook cinquefoil            | 3 |
| Prunus virginiana L.                                 | choke cherry                | 3 |
| Puccinellia nuttalliana (Schult.) Hitchc.            | Nuttall's salt-meadow grass | 1 |
| Ranunculus acris L.                                  | tall buttercup              | 3 |
| Ranunculus cymbalaria Pursh                          | seaside buttercup           | 3 |
| Ranunculus gmelinii De Candolle                      | yellow water crowfoot       | 3 |
| Ranunculus macounii Britt.                           | Macoun's buttercup          | 3 |
| Rorippa palustris (L.) Besser                        | marsh yellow cress          | 3 |
| Rumex crispus L.                                     | curled dock                 | 1 |
| Rumex maritimus L.                                   | golden dock                 | 3 |
| Rumex triangulivalvis (Danser) Rech. f.              | narrow-leaved field dock    | 3 |
| Ruppia cirrhosa (Petagna) Grande                     | widgeon-grass               | 3 |
| Sagittaria cuneata Sheld.                            | arum-leaved arrowhead       | 3 |
| Salicornia rubra A. Nels.                            | samphire                    | 3 |
| Salix exigua Nutt.                                   | sandbar willow              | 1 |
| Salsola kali L.                                      | Russian-thistle             | 3 |
| Schoenoplectus acutus var. acutus (Muhl. ex Bigelow) | great bulrush               | 3 |
| Schoenoplectus heterochaetus                         | slender bulrush             | 3 |
| Schoenoplectus pungens var. pungens (Vahl) Palla     | three-square rush           | 3 |
| Schoenoplectus tabernaemontani (Gmel.) Palla         | common great bulrush        | 3 |
| Scirpus microcarpus J. & K. Presl                    | small-fruited bulrush       | 3 |
| Scolochloa festucacea (Willd.) Link                  | spangletop                  | 3 |
| Scutellaria galericulata L.                          | marsh skullcap              | 3 |
| Senecio congestus (R. Br.) DC                        | marsh ragwort               | 2 |
| Sisyrinchium montanum Greene                         | common blue-eyed grass      | 3 |
| Sium suave Walter                                    | common waterparsnip         | 1 |
| Solidago canadensis L.                               | Canada goldenrod            | 3 |
| Solidago gigantea Aiton                              | late goldenrod              | 3 |
| Sonchus arvensis L.                                  | perennial sow-thistle       | 3 |
| Sonchus asper (L.) Hill                              | prickly annual sow-thistle  | 3 |
| Sparganium angustifolium Michx.                      | narrow-leaved bur-reed      | 3 |
| Spartina gracilis Trin.                              | alkali cordgrass            | 3 |
| Spartina pectinata Line                              | prairie cord grass          | 3 |
| Spergularia salina J. & K. Presl                     | salt-marsh sand spurry      | 3 |
| Stachys palustris L.                                 | marsh hedge-nettle          | 3 |
| Stellaria calycantha (Ledeb.) Bong.                  | northern stitchwort         | 3 |
| Stellaria crassifolia Ehrh.                          | fleshy stitchwort           | 3 |
| Stellaria longifolia Muhl. ex Willd.                 | long-leaved chickweed       | 3 |
| Stuckenia pectinata (L.) Börner                      | sago pondweed               | 3 |
| Suaeda calceoliformis (Hook.) Moq.                   | western seablite            | 3 |
| Symphyotrichum boreale (Torr. & Gray) A. & D. Löve   | marsh aster                 | 3 |

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|--------------------------------------------------------|----------------------------|---|
| <i>Symphyotrichum ciliatum</i> (Ledeb.) Nesom          | rayless aster              | 3 |
| <i>Symphyotrichum ciliolatum</i> (Lindl.) A. & D. Löve | Lindley's aster            | 3 |
| <i>Symphyotrichum ericoides</i> (L.) Nesom             | tufted white prairie aster | 2 |
| <i>Symphyotrichum lanceolatum</i> (Willd.) Nesom       | western willow aster       | 2 |
| <i>Tanacetum vulgare</i> L.                            | common tansy               | 3 |
| <i>Taraxacum officinale</i> Weber ex Wiggers           | common dandelion           | 2 |
| <i>Thalictrum venulosum</i> Trel.                      | veiny meadow rue           | 2 |
| <i>Thlaspi arvense</i> L.                              | stinkweed                  | 2 |
| <i>Trifolium hybridum</i> L.                           | alsike clover              | 2 |
| <i>Trifolium repens</i> L.                             | white clover               | 2 |
| <i>Triglochin palustris</i> L.                         | slender arrow-grass        | 3 |
| <i>Typha latifolia</i> L.                              | common cattail             | 3 |
| <i>Urtica dioica</i> L.                                | common nettle              | 2 |
| <i>Utricularia vulgaris</i> L.                         | common bladderwort         | 3 |
| <i>Veronica anagallis-aquatica</i> L.                  | speedwell                  | 3 |
| <i>Veronica peregrina</i> L.                           | hairy speedwell            | 3 |
| <i>Vicia americana</i> Muhl. ex Willd.                 | wild vetch                 | 3 |
| <i>Viola renifolia</i> Gray                            | kidney-leaved violet       | 3 |
| <i>Zannichellia palustris</i> L.                       | horned pondweed            | 3 |
| <i>Zizia aptera</i> (A. Gray) Fernald                  | heart-leaved Alexanders    | 3 |

**Rating Legend**

|   |                                           |
|---|-------------------------------------------|
| 1 | mainly wetland species, and fairly common |
| 2 | too present in uplands to be indicative   |
| 3 | not common enough in mixed grass prairie  |

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**APPENDIX B - MIXED-GRASS SPECIES COMMON TO SWAMPS AND MARSHES**

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|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| <i>Alopecurus aequalis</i> Sobol.                        | short-awned foxtail         |
| <i>Beckmannia syzigachne</i> (Steud.) Fernald            | sloughgrass                 |
| <i>Calamagrostis stricta</i> ssp.inexpansa (Gray) Greene | northern reed grass         |
| <i>Carex aquatilis</i> Wahlenb.                          | water sedge                 |
| <i>Carex atherodes</i> Spreng.                           | awned sedge                 |
| <i>Carex pellita</i> Muhl. ex Willd.                     | woolly sedge                |
| <i>Carex rostrata</i> Stokes                             | beaked sedge                |
| <i>Cicuta maculata</i> L.                                | water-hemlock               |
| <i>Deschampsia cespitosa</i> (L.) Beauv.                 | tufted hairgrass            |
| <i>Eleocharis palustris</i> (L.) Roemer & Schult.        | creeping spike-rush         |
| <i>Glyceria striata</i> (Lam.) Hitchc.                   | fowl manna grass            |
| <i>Hordeum jubatum</i> L.                                | foxtail barley              |
| <i>Juncus balticus</i> Willd.                            | wire rush                   |
| <i>Mentha arvensis</i> L.                                | wild mint                   |
| <i>Phalaris arundinacea</i> L.                           | reed canary grass           |
| <i>Poa palustris</i> L.                                  | fowl bluegrass              |
| <i>Poa pratensis</i> L.                                  | Kentucky bluegrass          |
| <i>Polygonum achoreum</i> S.F. Blake                     | striate knotweed            |
| <i>Populus deltoides</i> Bartr. ex Marsh.                | plains cottonwood           |
| <i>Puccinellia nuttalliana</i> (Schult.) Hitchc.         | Nuttall's salt-meadow grass |
| <i>Rumex crispus</i> L.                                  | curled dock                 |
| <i>Salix exigua</i> Nutt.                                | sandbar willow              |
| <i>Sium suave</i> Walter                                 | common waterparsnip         |