

# A Checklist of Flora for Arrigetch Valley

The Arrigetch Peaks in Gates of the Arctic National Park have been visited by researchers and climbers for decades since this part of the Brooks Range combines tremendous appeal for recreation along with ecological diversity. This list is from an inventory of vascular plants in Arrigetch Creek Valley by David J. Cooper, part of his 1981 PhD dissertation which documented 174 taxa. Plants are sorted by scientific names consistent with the 2020 Flora of AK Project, updated from Hulten's 1968 *Flora of Alaska and Neighboring Territories*.

A field guide with photos and field ID notes for common plants along with a booklet of photos and general information about the Arrigetch Valley is available at the Alaska Native Plant Society website: <https://aknps.org>.

The Alaska Native Plant Society is an organization founded in 1982 to promote awareness, education and preservation of Alaska native flora.

## References:

Flora of North America Editorial Committee, eds. 1993+

Hulten, E. 1968. *Flora of Alaska and Neighboring Territories*

Ickert-Bond, S.M., B. Bennett, M.L. Carlson, J. DeLapp, J.R. Fulkerson, C.L. Parker, T. W. Nawrocki, M.C. Stensvold, and C.O. Webb (eds.). 2019. Flora of Alaska. Available: <https://floraofalaska.org>

| Scientific Name                   | Common Name                | Family               |
|-----------------------------------|----------------------------|----------------------|
| <i>Aconitum delphiniifolium</i>   | Larkspurleaf Monkshood     | <i>Ranunculaceae</i> |
| <i>Aconitum delphiniifolium</i>   | Larkspurleaf Monkshood     | <i>Ranunculaceae</i> |
| <i>Alnus alnobetula fruticosa</i> | Siberian Alder             | <i>Betulaceae</i>    |
| <i>Anemonastrum sibiricum</i>     | Narcissus-flowered Anemone | <i>Ranunculaceae</i> |
| <i>Anemone parviflora</i>         | Northern Anemone           | <i>Ranunculaceae</i> |
| <i>Antennaria friesiana</i>       | Alaskan Pussy Toes         | <i>Asteraceae</i>    |
| <i>Antennaria monocephala</i>     | Cat's Paw                  | <i>Asteraceae</i>    |
| <i>Antennaria pulcherrima</i>     | Sierra Pussytoes           | <i>Asteraceae</i>    |
| <i>Anticlea elegans</i>           | Death Camas                | <i>Melanthiaceae</i> |

| Scientific Name                            | Common Name               | Family               |
|--------------------------------------------|---------------------------|----------------------|
| <i>Artemisia kruhsiana alaskana</i>        | Siberian Wormwood         | <i>Asteraceae</i>    |
| <i>Artemisia tilesii</i>                   | Tilesius' wormwood        | <i>Asteraceae</i>    |
| <i>Askellia elegans</i>                    | Hawk's Beard              | <i>Asteraceae</i>    |
| <i>Askellia pygmaea</i>                    | Dwarf Alpine Hawk's Beard | <i>Asteraceae</i>    |
| <i>Astragalus aboriginum</i>               | Aboriginal milkvetch      | <i>Fabaceae</i>      |
| <i>Astragalus nutzotinensis</i>            | Sickle Milkvetch          | <i>Fabaceae</i>      |
| <i>Betula glandulosa</i>                   | Dwarf Birch               | <i>Betulaceae</i>    |
| <i>Betula nana exilis</i>                  | Dwarf Birch               | <i>Betulaceae</i>    |
| <i>Betula neoalaskana</i>                  | Alaska Paper Birch        | <i>Betulaceae</i>    |
| <i>Bistorta plumosa</i>                    | Pink Plumes               | <i>Polygonaceae</i>  |
| <i>Bistorta vivipara</i>                   | Alpine Meadow Bistort     | <i>Polygonaceae</i>  |
| <i>Boykinia richardsonii</i>               | Bearflower                | <i>Saxifragaceae</i> |
| <i>Braya glabella glabella</i>             | Northern Rockcress        | <i>Brassicaceae</i>  |
| <i>Braya humilis humilis</i>               | Northern Rockcress        | <i>Brassicaceae</i>  |
| <i>Calamagrostis canadensis</i>            | Blue Joint Grass          | <i>Poaceae</i>       |
| <i>Calamagrostis purpurascensn</i>         | Reed Bent Grass           | <i>Poaceae</i>       |
| <i>Campanula lasiocarpa</i>                | Mountain Harebell         | <i>Campanulaceae</i> |
| <i>Campanula uniflora</i>                  | One-flowered Harebell     | <i>Campanulaceae</i> |
| <i>Cardamine bellidifolia bellidifolia</i> | Alpine Cress              | <i>Brassicaceae</i>  |
| <i>Carex aquatilis</i>                     | Water Sedge               | <i>Cyperaceae</i>    |
| <i>Carex atrofusca</i>                     | Carex Sedge               | <i>Cyperaceae</i>    |
| <i>Carex bigelowii</i>                     | Spruce Muskeg Sedge       | <i>Cyperaceae</i>    |
| <i>Carex capillaris</i>                    |                           | <i>Cyperaceae</i>    |
| <i>Carex concinna</i>                      | Carex Sedge               | <i>Cyperaceae</i>    |
| <i>Carex fuliginosa</i>                    | Shortleaved sedge         | <i>Cyperaceae</i>    |
| <i>Carex glacialis</i>                     | Glacier Sedge             | <i>Cyperaceae</i>    |
| <i>Carex krausei</i>                       | Carex Sedge               | <i>Cyperaceae</i>    |
| <i>Carex membranacea</i>                   | Shiner Sedge              | <i>Cyperaceae</i>    |
| <i>Carex microchaeta microchaeta</i>       | Small-awned Sedge         | <i>Cyperaceae</i>    |
| <i>Carex nardina hepburnii</i>             | Spikenard                 | <i>Cyperaceae</i>    |
| <i>Carex petricosa petricosa</i>           | Carex Sedge               | <i>Cyperaceae</i>    |

| Scientific Name                          | Common Name            | Family               |
|------------------------------------------|------------------------|----------------------|
| <i>Eritrichium aretioides aretioides</i> | Mountain Forget-Me-Not | <i>Boraginaceae</i>  |
| <i>Festuca altaica</i>                   | Altai Fescue           | <i>Poaceae</i>       |
| <i>Festuca baffinensis</i>               | Baffin Fescue          | <i>Poaceae</i>       |
| <i>Festuca viviparoides</i>              | Viviparous Fescue      | <i>Poaceae</i>       |
| <i>Gentiana glauca</i>                   | Glaucous gentian       | <i>Gentianaceae</i>  |
| <i>Gentianella amarella acuta</i>        | Northern Gentian       | <i>Gentianaceae</i>  |
| <i>Gentianella propinqua propinqua</i>   | Four-parted Gentian    | <i>Gentianaceae</i>  |
| <i>Hedysarum americanum</i>              | Bear-root              | <i>Fabaceae</i>      |
| <i>Hierochloa alpina</i>                 | Alpine Sweetgrass      | <i>Poaceae</i>       |
| <i>Hulteniella integrifolia</i>          | Entire-leaf Daisy      | <i>Asteraceae</i>    |
| <i>Juncus leucochlamys</i>               | Chestnut Rush          | <i>Juncaceae</i>     |
| <i>Juniperus communis depressa</i>       | Mountain Juniper       | <i>Cupressaceae</i>  |
| <i>Leymus innovatus velutinus</i>        | Fuzzyspike wildrye     | <i>Poaceae</i>       |
| <i>Lomatogonium rotatum</i>              | Star Gentian           | <i>Gentianaceae</i>  |
| <i>Luzula arcuata unalaschcensis</i>     | Curved Woodrush        | <i>Juncaceae</i>     |
| <i>Luzula confusa</i>                    | Northern Woodrush      | <i>Juncaceae</i>     |
| <i>Luzula nivalis</i>                    | Arctic Woodrush        | <i>Juncaceae</i>     |
| <i>Micranthes calycina</i>               | Fan-leaf Saxifrage     | <i>Saxifragaceae</i> |
| <i>Micranthes foliolosa</i>              | Grained Saxifrage      | <i>Saxifragaceae</i> |
| <i>Micranthes hieraciifolia</i>          | Stiff-stemed Saxifrage | <i>Saxifragaceae</i> |
| <i>Micranthes spicata</i>                | Spike Saxifrage        | <i>Saxifragaceae</i> |
| <i>Micranthes tenuis</i>                 | Slight Saxifrage       | <i>Saxifragaceae</i> |
| <i>Moneses uniflora</i>                  | Shy Maiden             | <i>Ericaceae</i>     |
| <i>Oxycoccus microcarpus</i>             | Bog Cranberry          | <i>Ericaceae</i>     |
| <i>Oxytropis borealis</i>                | Sticky Locoweed        | <i>Fabaceae</i>      |
| <i>Oxytropis bryophila</i>               | Purple Oxytrope        | <i>Fabaceae</i>      |
| <i>Oxytropis jordalii</i>                | Yellow Locoweed        | <i>Fabaceae</i>      |
| <i>Packera heterophylla</i>              | Dwarf Arctic Packera   | <i>Asteraceae</i>    |
| <i>Packera ogotorukensis</i>             | Ogotoruk Packera       | <i>Asteraceae</i>    |
| <i>Papaver alaskanum</i>                 | Alaska Poppy           | <i>Papaveraceae</i>  |
| <i>Papaver keelei</i>                    | Macoun's Poppy         | <i>Papaveraceae</i>  |

| Scientific Name                            | Common Name                   | Family                 |
|--------------------------------------------|-------------------------------|------------------------|
| <i>Salix pulchra</i>                       | Diamond-leaf Willow           | <i>Salicaceae</i>      |
| <i>Salix reticulata</i>                    | Netleaf Willow                | <i>Salicaceae</i>      |
| <i>Salix richardsonii</i>                  | Richardson's Willow           | <i>Salicaceae</i>      |
| <i>Salix rotundifolia dodgeana</i>         | Timberline willow             | <i>Salicaceae</i>      |
| <i>Salix rotundifolia rotundifolia</i>     | Least Willow                  | <i>Salicaceae</i>      |
| <i>Saussurea angustifolia angustifolia</i> | Narrow-leaved Saw-wort        | <i>Asteraceae</i>      |
| <i>Saxifraga cernua</i>                    | Bulblet Saxifrage             | <i>Saxifragaceae</i>   |
| <i>Saxifraga cespitosa</i>                 | Tufted Saxifrage              | <i>Saxifragaceae</i>   |
| <i>Saxifraga eschscholtzii</i>             | Ciliate Saxifrage             | <i>Saxifragaceae</i>   |
| <i>Saxifraga funstonii</i>                 | Yellow Spotted Saxifrage      | <i>Saxifragaceae</i>   |
| <i>Saxifraga hyperborea</i>                | Pygmy Saxifrage               | <i>Saxifragaceae</i>   |
| <i>Saxifraga oppositifolia smalliana</i>   | Purple Mountain Saxifrage     | <i>Saxifragaceae</i>   |
| <i>Saxifraga serpyllifolia</i>             | Thyme-leaved Saxifrage        | <i>Saxifragaceae</i>   |
| <i>Saxifraga setigera</i>                  | Spider Saxifrage              | <i>Saxifragaceae</i>   |
| <i>Selaginella sibirica</i>                | Siberian spikemoss            | <i>Selaginellaceae</i> |
| <i>Senecio lugens</i>                      | Black-tipped Groundsel        | <i>Asteraceae</i>      |
| <i>Silene involucrata involucrata</i>      | Melandrium                    | <i>Caryophyllaceae</i> |
| <i>Silene ostenfeldii</i>                  | Beringian Champion            | <i>Caryophyllaceae</i> |
| <i>Silene uralensis uralensis</i>          | Nodding Champion              | <i>Caryophyllaceae</i> |
| <i>Solidago multiradiata multiradiata</i>  | Northern Goldenrod            | <i>Asteraceae</i>      |
| <i>Stellaria longipes</i>                  | Long-stalked Starwort         | <i>Caryophyllaceae</i> |
| <i>Tephroseris atropurpurea</i>            | Arctic groundsel              | <i>Asteraceae</i>      |
| <i>Tephroseris kjellmanii</i>              | Brown-haired Arctic Groundsel | <i>Asteraceae</i>      |
| <i>Tephroseris tundricola</i>              |                               | <i>Asteraceae</i>      |
| <i>Tofieldia pusilla</i>                   | Scotch False Asphodel         | <i>Tofieldiaceae</i>   |
| <i>Trichophorum cespitosum</i>             | Tufted Spike Grass            | <i>Cyperaceae</i>      |
| <i>Trisetum spicatum</i>                   | Spike Trisetum Grass          | <i>Poaceae</i>         |
| <i>Vaccinium uliginosum</i>                | Bog Blueberry                 | <i>Ericaceae</i>       |
| <i>Vaccinium vitis-idaea</i>               | Lingonberry                   | <i>Ericaceae</i>       |
| <i>Wilhelmsia physodes</i>                 | Merkia                        | <i>Caryophyllaceae</i> |
| <i>Woodsia glabella</i>                    | Smooth woodsia                | <i>Woodsiaceae</i>     |