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| **Supplementary Table 1.** |  |  |
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| **South moraine (north-facing slope)** |   |  |
| **Coniferous trees and shrubs** | **Common Name** |  |
| *Abies lasiocarpa* (Hook.) Nutt. | subalpine fir |  |
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| **Deciduous trees and shrubs** |  |  |
| *Actaea rubra* (Aiton.) Willd. | baneberry, chinaberry, doll's eyes |  |
| *Amelanchier alnifolia* (Nutt.) Nutt. ex M. Roem. | serviceberry, saskatoon, shadbush |  |
| *Populus tremuloides* Michx. | trembling aspen |  |
| *Prunus virginiana* var. *demissa* (Nutt.) Torr. | western chokecherry |  |
| *Symphoricarpos rotundifolius* A. Gray | roundleaf snowberry |  |
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| **Herbs** |  |  |
| *Aquilegia coerulea* E. James | Colorado blue columbine |  |
| *Arnica cordifolia* Hook. | heartleaf arnica |  |
| *Castilleja miniata* Douglas ex Hook. | scarlet paintbrush |  |
| cf. *Ligusticum* sp. L. | privet |  |
| cf. *Lomatium* sp. Raf. (yellow flowered) | indianroot |  |
| *Corallorhiza striata* Lindl. | hooded coralroot orchid |  |
| *Geranium richardsonii* Fisch. & Trautv. | Richardson's geranium, white geranium |  |
| *Heracleum spondylium* ssp. *montanum*(Schleich. ex Gaudin) Briq. | cow parsnip |  |
| *Lathyrus lanszwertii* var. *leucanthus* (Rydb.) Dorn. | aspen peavine |  |
| *Lupinus argenteus* Pursh. | silvery lupine, mountain lupine |  |
| *Maianthemum racemosum* ssp. *amplexicaule* (Nutt.) LaFrankie | false Solomon's Seal |  |
| *Osmorhiza occidentalis* (Nutt. ex Torr. & A. Gray) Torr. | western sweetroot or sweet cicely |  |
| *Paxistima myrsinites* (Pursh.) Raf. | boxleaf myrtle, mountain lover |  |
| *Pedicularis groenlandica* Retz. | elephant-head, elephantella  |  |
| *Pseudostellaria jamesiana* (Torr.) W.A. Weber & R.L. Hartm. | tuber starwort, sticky chickweed |  |
| *Thalictrum fendleri* Engelm. ex A. Gray | Fendler's meadowrue |  |
| *Valeriana occidentalis* A. Heller | western valerian or wild heliotrope |  |
| *Veratrum californicum* Durand | California false hellebore, corn lily |  |
| *Viola* sp. L. | violet |  |
| *Woodsia scopulina* D.C. Eaton | Rocky Mountian cliff fern |  |
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| **West moraine (east-facing slope)** |   |  |
| **Deciduous trees and shrubs** |  |  |
| *Dasiphora fruticosa* (L.) Rydb. | shrubby cinquefoil |  |
| *Populus tremuloides* Michx. | trembling aspen |  |
| *Prunus virginiana* var. *demissa* (Nutt.) Torr. | western chokecherry |  |
| *Symphoricarpos rotundifolius* A. Gray | roundleaf snowberry |  |
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| **Herbs** |  |  |
| *Achillea millefolium* L. | western yarrow |  |
| *Agastache urticifolia* (Benth.) Kuntze | giant hyssop, nettleleaf horsemint |  |
| *Balsamorhiza sagittata* (Pursh.) Nutt. | arrowleaf balsamroot |  |
| *Cirsium* sp. Mill. | thistle |  |
| *Cynoglossum officinale* L. | houndstongue, beggar's lice |  |
| *Galeopsis bifida* Boenn. | splitlip hempnettle |  |
| *Lupinus argenteus* Pursh. | silvery lupine, mountain lupine |  |
| *Pseudostellaria jamesiana* (Torr.) W.A. Weber & R.L. Hartm. | tuber starwort, sticky chickweed |  |
| *Scrophularia lanceolata* type Pursh. | lanceleaf figwort, hare figwort |  |
| *Tragopogon pratensis* L. | salsify, yellow goatsbeard |  |
| *Vicia americana* Muhl. ex Willd. | American vetch |  |
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| **North moraine (south-facing slope)** |   |  |
| **Deciduous trees and shrubs** |  |  |
| *Amelanchier alnifolia* (Nutt.) Nutt. ex M. Roem. | serviceberry, saskatoon, shadbush |  |
| *Artemisia tridentata* ssp. *vaseyana* (Rydb.) Beetle | mountain big sagebrush |  |
| *Populus tremuloides* Michx. | trembling aspen |  |
| *Quercus gambelii* Nutt. | Gambel's oak, scrub oak |  |
| *Symphoricarpos rotundifolius* A. Gray | roundleaf snowberry |  |
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| **Herbs** |  |  |
| *Achillea millefolium* L. | western yarrow |  |
| *Balsamorhiza sagittata* (Pursh.) Nutt. | arrowleaf balsamroot |  |
| *Collomia linearis* Nutt. | narrowleaf mountaintrumpet |  |
| *Geranium richardsonii* Fisch. & Trautv. | Richardson's geranium, white geranium |  |
| *Linum lewisii* Pursh. | wild blue flax |  |
| *Lupinus argenteus* Pursh. | silvery lupine, mountain lupine |  |
| *Pseudostellaria jamesiana* (Torr.) W.A. Weber & R.L. Hartm. | tuber starwort, sticky chickweed |  |
| *Sedum lanceolatum* Torr. | lanceleaf stonecrop, yellow stonecrop |  |
| *Senecio* spp. L. (2 types) | groundsel |  |
| *Tragopogon pratensis* L. | salsify, yellow goatsbeard |  |
| *Vicia americana* Muhl. ex Willd. | American vetch |  |
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| **Additional taxa identified on moraine, aspect unknown** |  |
| **Herbs** |  |  |
| *Berberis repens* Lindl. | creeping barberry |  |
| *Claytonia virginica* L. | spring beauty |  |
| *Delphinium nuttallianum* Pritz. ex Walp. | Nuttall's larkspur |  |
| *Hydrophyllum capitatum* Douglas ex Benth. | ballhead waterleaf |  |
| *Ozmorhiza depauperata* Phil. | bluntfruit sweet cicely |  |
| *Phacelia hastata* Douglas ex Lehm. | silverleaf scorpionweed |  |
| *Taraxacum* sp. F.H. Wigg. | dandelion |  |
| *Typha* cf. *latifolia* L. | cattail |  |
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| **East side of Snowmass Creek Valley, west of Ziegler Reservoir** |  |
| **Coniferous trees and shrubs** |  |  |
| *Picea pungens* Engelm. | Colorado blue spruce |  |
| *Pseudotsuga menziesii* (Mirb.) Franco | Douglas-fir |  |
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| **Deciduous trees and shrubs** |  |  |
| *Acer glabrum* Torr. | Rocky Mountain maple |  |
| *Arctostaphylos uva-ursi* (L.) Spreng. | bearberry, kinnikinnik |  |
| *Populus angustifolia* E. James | narrowleaf cottonwood |  |
| *Prunus virginiana* var. *demissa* (Nutt.) Torr. | western chokecherry |  |
| *Ribes laxiflorum* Pursh. | trailing black currant |  |
| *Ribes* sp. L. | currant |  |
| *Rosa woodsii* Lindl. | Woods' rose |  |
| *Rubus parviflorus* Nutt. | thimbleberry |  |
| *Salix* cf. *lasiandra* Benth. | Pacific willow |  |
| *Vaccinium myrtillus* L. | myrtle blueberry |  |
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| **Herbs** |  |  |
| *Clematis occidentalis* (Hornem.) DC. | western blue virginsbower |  |
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| **Along trail on ridge, east of Ziegler Reservoir** |   |  |
| **Coniferous trees** |  |  |
| *Picea engelmannii* Parry ex Engelm. | Englemann spruce |  |