

No.

Thalictrum an
Hab. an
Coll. M. W. Harrington, 1871-72.
in perfect specimen, with young fruit.

Thalictrum sparsiflorum Torr., with
unripe carpels a little larger than in
genuine specimens, and more or less concave
on the back

Anemone Richardsonii Hook.

Anemone parviflora Michx.

Anemone narcissiflora L.

Ranunculus aequalis L. var. *trichophyllus*

Ranunculus trichophyllus Walter.

Ranunculus hyperboreus Nutt. var. *orientalis* Ldb.

Ranunculus Nelsonii Gray, in Dwc. *Arctic*
8. p. 375. Not a larger-flow-

ered form, approaching *R. occidentalis*

Ranunculus occidentalis Nutt. in flower only

Gallthia palustris L.

Cypripedium *triplicatum* Salisb.

Scutellaria elphinstii DC.

Scutellaria Kamtschaticum Pall.

Actaea spicata L.

Papaver nudicaule L.

1

Barbarea macrocarpa R. Br. var. *aspera* Hook.
Nasturtium pulsatilla L.
Barbarea vulgaris L.
Arabis Grandi Wern., var. *borealis*, Regel. (It,
Eschscholzia Nutt.
Arabis petraea var. *antiqua* Regel.
Cardamine hirsuta L.
Draba borealis L. a single specimen
in flower, the same as *D. Alaskensis*
and specimens in fruit.
Draba nivalis Ledeb.
Draba grandis L.; var. *siliquosa*. R. Br. =
nut. Sk. Id. Alaska. In fruit, and
a specimen in flower from the Shumagin
Islands: "flaves yellow." Some have white
pods, others with orange pods belong to the
var. *siliquosa*.

Cochlearia officinalis L.

Vicia Langedoffii, Fischer in Lb. Beautiful
specimens.

Claytonia parmentosa L. A. Meyer. (It, *Chamae-*
ornis Lb. from *Ledeb.*

Claytonia Franconia Wern. & Schult. From
Unalaska; apparently this species, yet it
may possibly be a large form of *C. parmentosa*.

It extends to California, being the "C. elongatum" in Calif. R. H.
expl. 4, p. 70, and is in doubt C. stellarioides, Jeng. in St. Louis.

Claytonia sibirica L.

Claytonia Chamissonis Edschr.

Mertensia fortunei L. var. *laeviflora* Ledeb.

Silene acaulis L.

Lychnis apetala L.

Anemone (~~*Adonis*~~) (*Anemone*) *pepploides*,
L. & var. *longifolia*

Anemone (*Mabouzia*) *latifolia* L. var. *simplex* from

Anemone arctica Stev.

Anemone verna L. var. *muta*.

Sagina Linnaei Turcz.

Stellaria crypta (Menz.)

Stellaria media Regel.

Stellaria crassifolia Ehrh.?

Stellaria pumilosa Rottb.

Stellaria media L.

Cerastium vulgatum, var. *brevispinum* Turcz.

Cerastium pilosum Ledeb. (C. Ledeburni-
anum Scribn. in St.) (Alaska,
where it has not been detected before.

The fruiting specimens have the capsule
often more than twice the length of the
calyx, and the 10 teeth are straight and
erect, with margins revolute, not at all
circumscissile-revolute. The related *C.*

maximum L., nearly var. *folcatum*
was collected on the Yukon River, as
I find from a specimen received
from Dr. Torrey.

Geranium erianthum DC.
Lupinus sorkalensis Don. The
ordinary form, villous with long
hairs. Also a little of
the plant from Mordovia, re-
ported by Ledebour, in *Flora Rossica*,
with only short appressed hairs, -
which is doubtless the high-northern
L. pernix, Hook. & C.

Lathyrus pratensis Bign.
Astragalus alpinus L.
Astragalus frigides, Gray.
Oxytropis Muralis var. *arctica* Ledeb.
Rubus Chamaemorus L.
Rubus arcticus L. *stellatus* Smith
Rubus spectabilis Cusck.
Juncus octostala L.
Juncus macrophyllum, Willd.
Juncus (*Sieversia*) *glaciale* Fisch.
Juncus (*Sieversia*) *Rossii* DC. var. *humile*.
Juncus (*Sieversia*) *calthifolium* Smith
Potentilla Anserina L.
Potentilla ^{*fragiformis*, Willd. & St.} ~~*villosa*~~ ^{*Pauli*} DC.; and var. *villosa*,
^{*Reg. o. Tili. (P. villosa, Ph.)*}
Potentilla pulchra Scap.
Sanguinella Canadensis L.
Rosa cinnamomea L.?

Tellima grandiflora R. Br.
Hemichera glabra Willd
Leptarrhena pyrolifolia R. Br.
Saxifraga repullifolia Hook^{*}

* These good specimens suffice to settle the question in respect to the Saxifrage of the alpine region of the Colorado Rocky Mountains, which in Barrois's collection I ~~at~~ ^{referred} doubtfully to *S. hirculus*, and in that of Hall & Standen rather to *S. repullifolia*. It is clearly not that. *S. repullifolia* is more slender; the flowers apparently always solitary, some other, and the petals light yellow; the calyx not reflexed even in fruit; cells of the anthers parallel; very poorly imbricated in a disk, its base adnate to the base of the calyx; capsule more distinctly 2-lobed at summit, the apex of the lobes narrow and styleiform. The Colorado plant is equally distinct from *S. hirculus* by the following characters:

Saxifraga hirculus L. A dwarf form.

Saxifraga chrysantha n. sp. Cauli-
culis perennantibus caespitosis dispersis de-
foliatis cum stolonibus fili formibus;
foliis spatulatis seu lineari-spatula-
tatis obtusis ovatis nitidulis glabris (lin.
2-3 longis) basi sensim angustata sessil-
ibus, caudiculorum crebre revolutis-
imbricatis; caulibus floriferis scapi for-
mibus 1-4-foliatis (1-2-follicularibus)
1-2-floris glabris vel superne calyceque
reflexo glanduloso-miscutulis; petalis
valibus basi ecalliosis late aureis
supra unguem truncatis vel subcordatis;
ovario et capsula late ovatis apice
brevisiter bilobis; seminibus oblongis strio-
latis nitidis. S. hirculus var. no. 164
+ 166 Parry, Gray in Sill. Jour. 23, p. 409
(nos. 164, 166 all Parry), non Lin. S.
repullifica Gray in Proc. Acad. Philad.
(coll. Stoll Harbour), 1883, p. 62. High
alpine region of the Rocky Mountains
in Colorado, Parry, Hall, Harbour, Canby,
Vasey, Moore, B., especially abundant
on Gray Tower and Gray Peak at
11-14000 feet, its golden flowers close

Saizura flagellaris. Willd.

to the sword, more brilliant than
those of the equally abundant
Sium Kossii.

S. Hirculus it
self grows in South Park, at much
less elevation, where it fully resembles
the Arctic American and European
plant.

Saxifraga hutchinsii Linn.

Saxifraga oppositifolia L.

Saxifraga punctata L.

Saxifraga nivalis L.

Saxifraga bracteata Don. At least it
is the plant collected by C. Wright on
Brakantchehane Island in Behring Straits.
It is ~~new~~ new to American territory,
and was collected both on the Shumagin
Islands and Unalaska, with a small
and a large and characteristic form.

Silene

Saxifraga siliiflora Steud.

Chrysosplenium alternifolium L.

Parnassia Kozlovii, Cham. & Schlecht

Parnassia palustris L.

Sedum Rhodiola L.

Hippuris vulgaris L.

Hippuris maritima Willd.

Epilobium angustifolium L. a remarkably broad-
leaved variety.

Epilobium latifolium L.

Epilobium ~~assum~~ Schreb. affine (Hongan).

Epilobium organifolium Lam., varieties.

Circea alpina L.

Ligusticum Sibiricum L.

Consolida Fischeri: the northernmost plant
in the

Archangelica Smolnikii B.

Heracleum lanatum Michx.

Cornus Suecica L.

Cornus Canadensis L. var. (*C. Mucronata*.)

Sambucus racemosa L.

Linnaea borealis Gray.

Galium Aparine L.

Galium triflorum Michx.

Valeriana Capitata Pallas

Androsace frigida Hook.

Aster peregrinus Pursh.

Aster subulginosus Richard.

Aster Sibiricus L., Gray.

Solidago Virganea L. var. *multisulcata*
Gray

Achillea Millefolium L. var.

Leucanthemum arcticum B.

Matricaria discolor B.

Artemisia Friesii Ledeb.

Artemisia arctica Less. two forms.

Antennaria Margaritacea R. Br.

Antennaria alpina Boerh.

Arnica Chamissonis Less.

Arnica Mualaschensis Less. Also collected
by Dr. Kellogg.

Arnica obtusifolia Less., ex char. Very
like *A. montana*.

Senecio pseudoplium Less.

Senecio Pseud-Arnica Less.

Taraxacum officinale Bernh. - *lewisii* Desf.

Natalis alatus Nutt.

Hieracium triste Muhl.

Campanula lasiocarpa Nutt.

Campanula lasiocarpa Cham.

Campanula heterodoxa Desf.

Campanula uniflora L.

Vaccinium Vitis Idaea L.

Vaccinium uliginosum L.

Vaccinium parvifolium Sm.

Vaccinium ovalifolium Lindl.

Arctostaphylos alpina Sprang.

Arctostaphylos Uva-Ursi, Sprang.

Cassiope lychnidoides Don.

Andromeda polifolia L.

Megacarpus Aleutica Gray, Proc. Am. Acad. S.
p. 368.

Lonicera procumbens Desf.

Ledum palustre L.

Rhododendron Kalmianum, Benth.

Paula minor L. Single specimen from
Shumagin Ids.
Syrta rotundifolia L. var. with flesh-
colored and red flowers.

Primula nivalis Pall. Single specimen
in fruit: probably from Alaska.

Primula borealis Duby

Primula cuneifolia Ledeb.

Androsace chamaejasme Koch.

Trientalis europaea L. var. *arctica* Ledeb.

Pinguicula macrorhiza Cham.? but spurs shorter.

Pinguicula microcarpa Cham.? Like *P. villosa*

but with a short spur.
Gentiana laevigata L. a very leafy form, St. Paul's Island, Alaska, S. Ellis.

Gentiana acuta Michx. (S. Ellis)

Gentiana prostrata Hook.

Gentiana frigida Hook. var. *algida* Ledeb.

New to Alaska: collected only on Nagai, one
of the Shumagin Islands

Swertia perennis L. var. *obtusica* Ledeb.

Menyanthes trifoliata L.

Polemonium caeruleum L. and var.
acutiflorum Ledeb.

Polemonium humile Muhl.

Romanzovia Alaschensis Cham. This
is the first time this species has come to
hand.

Mertensia maritima Don
Erigeron plebeius A. DC
Brodiaea glabra, C. A. Meyer.
Minutus luteus L.
Veronica aspyllifolia L.
Veronica alpina, L.
Veronica Stellari, Pall.
Euphrasia officinalis var.
Rhinanthus Crista-galli L.
Castilleja pallida Kunth; two forms
Pedicularis Chamissonis Stev.
Pedicularis verticillata L.
Pedicularis capitata Steud.
Pedicularis Langsdorffii Fisch. ; a little,
~~not of~~ ~~flavus~~
Pedicularis lanata Willd.

Gymnandra lineari Cham. & Schlecht.
Galeopsis tetralix L.
Monarda vulgaris L.
Plantago maritima L.
Plantago macrocarpa Cham. & Schlecht.
Arnica vulgaris, var. *arctica* Cham.

Oxyria muriformis Hook
Rumex domesticus L.
Polygonum viviparum L.
Koenigia glandica L.

Empetrum nigrum L.

Betula glandulosa Michx.

Alnus viridis, var. *minuta* Regel.

Salix arctica Pall.

Salix Pallasii, & var. *obcordata-grandifolia* L.

Salix speciosa Hook. var. *Alaxensis* Anders.

Salix fuscescens Anders. Single specimen

from Shumagin Island

Salix reticulata L.

S. obtusifolia Trautv. St. Paul's Elliott (from Macintyre)

Abies Menziesii, Smith (*A. Sitchensis*

Wiegand) Cult. on Unalakleet.

Sparganium minimum Mackenz.

Phyllospadix Scouleri Hook. ? Macintyre

Triglochin maritimum L.

Orchis aristata Fischer. *O. latifolia* var.

Mercuriana Cham. & Schlecht

Habenaria obtusata Richard

Habenaria dilatata Gray.

Habenaria bracteata R.Br.

Spiranthes Romanzoviana Cham.

Iris setosa Pall.

Streptopus amplexifolius DC

Fritillaria Kantschatskensis Fisch.

Lloydia serotina Richard.

Neratrum album L.

Tofieldia coccinea Richard.

Juncus Ballicus L.

Juncus arcticus Mill.

Juncus triglumis L.

Juncus triglumis L.

Juncus plectatus E. Meyer.

Juncus Matsushianus Brong.

Juncus xiphioides E. Meyer.

Luzula pariflora St. - and the small form

Luzula campestris St. L. *spadicea* St.

Luzula arcuata Vahl. var. *hypophylla* Lott.

Scirpus caespitosus L.

Eriophorum latifolium Stapp

Eriophorum angustifolium Rott.

Eriophorum thamnosum C. A. Meyer.

Eriophorum rusciculatum Trin. New to the
region.

Hordeum pratense L.

Elymus mollis Brongn.

Festuca vivida L. var. *violacea*
Gaud.

Festuca rubra L. var. *pratensis*,
Ledeb. - and varieties with many
spikes; with caespitose spikes;
and with similar but almost
aimless spikes; and with very
villous short-armed spikes.

Bromus Aleuticus Trin.

Bromus subulatus Trin. (*Festuca subulata* Moench.)

Poa stewartii Trin. ? A form which
accords with "*P. repens* Trin. in herb.
Cham." ; and the same viviparus,
which accords with a viviparus "*P.*
stewartii" from Sitka.

Poa arctica R. Br. ~~several varieties~~

Poa casia Smith? several forms

Poa - a few

Poa angustata R. Br.

Poa glumalis Trin.

Poa between *glumalis* and *alpina*!

Glyceria (*Styrax*) *maritima*, Reichb.

Grassophyllum (*Protophila*) *fulvum* Gray

Stierchia brevis, R. & S.

Stierchia alpina, R. & S.

Phleum alpinum L.

Alopecurus alpinus L.

Trisetum sesquiflorum Trin.

Trisetum subspicatum Trin., var. *nulle*.

^{May}
Aira (*Vallberga*) *atropurpurea* Nahl.;
from which *Aira latifolia* Hook, hardly
differs.

Aira (*Deschampsia*) *Botanica* Nahl.

Aira (*Deschampsia*) *caespitosa* L., with
varieties referable to ~~it~~ ^{*A. latifolia*}, &
its var *excessu exserens*.

Calamagrostis Laugsdalpi Trin.

Calamagrostis strigosa May; apparently
the true plant.

Calamagrostis stricta Trin.

Calamagrostis Alentica May

Vilfa (*Protagrostis* Nisch.) *arundinacea*
Trin., which surely is not a
variety of *Calpodium latifolium*.

Agrostis exarata Trin.

Agrostis geminata Trin.

Equisetum arvense L.
Equisetum hyemale L.
Adiantum pedatum L.
Allosorus acrostichoides Sprang. var. (*A. fives-*
latus Ruprecht.
Cystopteris fragilis Bernh. a form ~~and~~
~~offering~~ ^{offering} with *C. Douglasii* Hook.
 of the Sandwich Islands
Asplenium Filix-foemina Bernh.
Aspidium spinulosum Sw.
Aspidium Lanchitis Willd
Aspidium fragrans Sw., sterile.
Polypodium Cheilanthes L.
Polypodium Dryopteris L.
Polypodium vulgare L.
Botrychium Lunaria Sw. - one specimen
 passing ^{toward} to *B. rutaceum*.
Botrychium rutaceum Willd.
Lycopodium Selago L.
Lycopodium arvense L.
Lycopodium clavatum L.
Lycopodium alpinum L.
Lycopodium Hitchcockii Rupr.
Selaginella spinosa Beauv.



Dall, William Healey. 1871. "Plantae Alaskanae." *Plant lists, Alaska*

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