I
U. S. Department of Agriculture,
Division of Botany.

Catalogue of plants collected -
Alaska in the year ¹⁸⁹² 1893, 1894
By Frederick Funston.

1/ For additional notes on nos 1-24
in series, see page following us 16-2

1. *Rubus spectabilis* Pursh. May 26-1892

Shrub, 4-6 ft. common in dense woods

See page 35 for additional notes

2. *Fragaria chiloensis* Lam. May 27-1892

Very abundant in open places along

See page 37 for additional notes

3. *Amus rubra* Bong. May 27, 1892

Common in woods of Kautash Is. and

See page 38 for additional notes

4. *Callia palustris* L. May 28-'92

Not common. Found in edges of

5. *Ribes laxiflorum* Pursh. May 28-'92

~~Common~~ In open places in

See page 39 for additional notes

6. *Salix barclayi* Anders. May 30-92

Common in open places near beach.

See page 39 for additional notes

7. *Cardamine oligosperma* ^{with} May 30-92.

Along beach above tide water

8. *Vaccinium ovalifolium* Sm. May 31-92.

Very abundant. forming the bulk of the

See page 39 for additional notes

altitude

Mission, Yakutat Bay, Alaska. 20
about the Mission and on Kautash Island

Kautash Island, Yakutat Bay, Alaska. Sea Level
the beach down to tide water.

Kautash Is. Yakutat Bay, Alaska. 15-
the mainland. Highest seen, 15 ft.

Yakutat Bay, Alaska. East side near Ocean Cape. 70
fresh water lagoons.

Yakutat Bay, Alaska. East side near Ocean Cape. 40
fir forest.

Kautash Is. Yakutat Bay, Alaska. 10
Largest seen, 10 ft.

Kautash Is. Yakutat Bay. Sea Level
Not common. Eaten raw by Indians

Mission, Yakutat Bay. 20
undergrowth in the forest 2-4 ft.

- 9 *Rubus stellatus* Smith. June 1-92
Common in damp shady places on
- 10 *Tridentalis europaea arctica* ^{(Hook) Fisch.} June 1-92
Rare. Growing on decaying stumps and
- 11 *Coptis trifolia* (L.) Salisb. June 3-92
Rare. Found in small quantities
- 12 *Viola langsdorfii* Fisch. June 3-92
Common in woods of Kantak
- 13 *Polypodium vulgare* L. June 4-92
Common. Found about stumps
- 14 *Urtica spicata arguta* Nutt. June 6-92
Not Common. Growing open
- 15 *Arabis hirsuta* (L.) Scop. June 7-92
Found around old Indian camp
- 16 *Tiarella trifoliata* L. June 7-92
damp, shady woods

near mission, Yakutat Bay, Alaska,
mainland and on Kantak Is.

10

Between mission + Cape Shipm. Yakutat Bay,
fallen trees

20

Kantak Is. Yakutat Bay.
growing among moss + ferns.

5 or 20 ft.

Kantak Is. Yakutat Bay, Alaska.
Island and the mainland.

10

near Mission, Yakutat Bay.
and bases of trees

20

near Mission, Yakutat Bay.
sandy soil among grass

20

Kantak Island, Yakutat Bay.
in considerable quantities

10

Kantak Island, Yakutat Bay.

20

- 17 *Polytrichum gormosum* Hedw. ^{Menz.} June 8-13-92
Common growing around bases of trees
- 218 *Arenaria lateriflora* L. June 12-92.
growing in considerable quantities on
- 219 *Arenaria lateriflora* L. June 12-1892.
not Common. Open sandy bluff.
- 220 *Lathyrus maritimus* (L.) Bigel June 13-92
~~not~~ Common. Open sand point.
- 21 *Castilleja miniata* Benth. June 13-92.
Open sandy point.
- 22 *Viburnum pauciflorum* Torr. & Gr. June 15-92
22
Found in woods. Tree
Fruit size of pea, bright red. eaten by
23 *Cornus canadensis* L. June 15-92
Abundant in dense woods.
24. *Sambucus racemosa* L. June 15-92
Tree eight feet high. Common on
August. a bright red berry.

- Kautash Is. & mainland near Mission. Yakutat Bay. 10-40
and on decaying logs.
- Kautash Is. Yakutat Bay. Alaska. 10
long, low sand spit
- Kautash Is. Yakutat Bay. Alaska. 20
- Mouth of the Arkon. Yakutat Bay. 10
- Mouth of the Arkon. Yakutat Bay. 10
- Kautash Is. Yakutat Bay. 20
- eight feet high. ~~not~~ Common.
Pl. in baskets
- Kautash Is. Yakutat Bay. 20
350 feet above sea at Mt. Schenckoff.
- Kautash Is. Yakutat Bay. 10
open ground. Fruit ripe late in

4
25 *Scum macrophyllum* ^{Willd.} June - 17 - 92

A common weed near deserted Indian village.
A few specimens seen in August.
Dispenchment Bay, 930 ft.

Kantak Is. Yakutat Bay.

alt.
20

in the mountains near
above sea.

26 *Mensiesia ferruginea* Smith. June - 17 - 92

Common in woods. Erect shrub.
4-6 ft. high. June 22. found on side
not open

Kantak Is. Yakutat Bay.

30

of Mt. Tebenkoff - 1800 ft. above sea level

27 *Carex limosa strigosa* ^{Bailey} June - 18 - 92

Common along edges of fresh water
of Yakutat Bay

Bright Island. Yakutat Bay

10

ponds on mainland and the islands

28 *Luzula campestris sudetica* ^{(Willd.) Celak.} June - 18 - 92

Found on bare, well drained sandy

Bright Island. Yakutat Bay.

10

points. Growth very scattering.

29 *Ranunculus nelsonii* ^{Gray} (DC) June - 18-1892.
 Found on open, sandy bluff.
 rare on Mt. Sebenkoff, where it was

30 *Carex* June - 19-92.
 Found wherever there is no shade

31 *Puccinellia maritima* (Huds) Parl. June - 19-92
 Not common. Growing in dense clumps.
 June - 21

32 *Glaux maritima* L. June - 19-92
 Growing in rare patches just out
 Found also at head of Port Mulgrave.

Wright Island, Yakutat Bay. 20
 Common on Kautah Island, and
 seen at altitude of 600 ft.

Mainland near Mission, Yakutat Bay. 20
 Common on the Arkon.

Mainland near Mission, Yakutat Bay. Sea Level
 Along beach at base of Sebenkoff on

Mainland near Mission, Yakutat Bay. Sea Level
 of reach of high tide.
 Kautah Island

6.
33 *Gospidium spinulosum* Swartz. June-19-'92
Growing in ~~at~~ immense quantities
Found June 22 on slopes of Mt.
it found dense jungles. Reaches

Mainland near Mission, Yakutat Bay 20
in damp, mossy woods, 1 to 5 ft. high
Sebenkoff, where in some places
altitude of 2000 ft. on Sebenkoff.

34 *Potentilla anserinum* L. June-19-'92
Common along beach on Mainland

Mainland near Mission, Yakutat Bay Sea Level
and on Islands, not found inland

35 *Lupinus nothkatisensis* ^{Wats.} *unalaskensis* June 20-'92
Rare, being found in only two places
Abundant on west side of Yakutat

Kan-tah Island, Yakutat Bay.
on K. Island.

20

Bay and Disenchantment Bay.

36 *Hierochloa odorata* (L.) Vahl. June 20-'92
Very rare. Found along edge of swampy

Kan-tah Island, Yakutat Bay,
bluff. Growth scattering.

20

37 *Arenaria reploides* L. June 20-'92 Kantak Island, Yakutat Bay. Sea level
growing in great quantities along gravelly beaches, between the edge of
the forest and freshwater. Found nowhere but on beach.
The Indians throw quantities of the green plant in their camp fires,
thus creating a dense smoke which drives away the mosquitoes.

38. *Fritillaria kamschatcensis* (L.) Ker. June 20-'92 Kantak Island, Yakutat Bay. 20
Common in open places. Growing among grasses. The bulb is eaten by
the natives, but is not a staple article of food.
Found June 22 on southern slope of Mt. Tebenkoff 3000 ft above sea, but of smaller
and less vigorous growth than that from lower altitudes.

#39 *Menyanthes trifoliata* L. June 20-'92 Kantak Island, Yakutat Bay. 20
Common in freshwater ponds, growing both in the water and along the bank.

40 *Saxifraga punctata* L. June 22-'92 Base of Mt. Tebenkoff, Yakutat Bay. 100
Found along river bank

- 41 *Saxifraga* ^{*mercurialis* Bong} *punctata* L. June 22-'92
Along river bank. Common

- 42 *Claytonia sibirica* L. June 22-'92
Common along river bank. growing
Aug 4. abundant in along
Disenchantment Bay. The young
by the natives

~~42~~

- 43 *Nymphaea polysepala* (Engl.) Greene. June 24-'92
In freshwater pond. three feet deep

- 44 *Coelopleurum guelinii* DC. Ledeb. June 24-'92
Abundant about deserted Indian

Base of Mt. Seberhoff. Yakutat Bay

50

Base of Mt. Seberhoff. Yakutat Bay. 50-200
among boulders at edge of water.
bank of stream. flowering into
shoots are sometimes eaten raw

Kan taah Island. Yakutat Bay.

20

Kan taah Island. Yakutat Bay. 20
village. Grows only in sunny places

45 *Heracleum lanatum* Mx.

June 26-92

Kantak Island, Yakutat Bay.

20

Abundant on the Island, and common on the main land. These ft high from about the base of the main stalk grow half a dozen leaf stalks bearing leaves nearly two feet across. ~~The stalks~~ These leaf stalks are peeled and eaten after the manner of celery, forming an important article of food amongst the natives during May and June.

2

46 *Erigeron saluginosus* (Richards) ^{Gray}

June 27-1892

Kantak Island, Yakutat Bay.

15-

Common in open glades in the forest.

47 *Tofieldia glutinosa* (Mx) Pers.

June 27-1892

Kantak Island, Yakutat Bay.

20-

Along edges of freshwater marsh

48 *Viola langsdorfii* Fisch.

June 27-92

Kantak Island, Yakutat Bay.

20

Not common. Is a larger and more vigorous plant than no 12 and corolla is of a deeper blue. Blooms a month later.

18
49 *Epilobium latigolium* L. June 28-92 West side of Yakutat Bay, 7 miles from 20
Point Mauby. Common in sandy soil between beach and moraine of
the Malaspina Glacier. Found along beach at base of Mt. Stikine off
Aug. 5. Lisianski Bay. 1400 feet above the sea.

50 *Pulmonaria maritima* L. June 28-92 West side of Yakutat Bay, Seven miles
from Point Mauby. Rare. Found along beach barely out of reach of
tide. Found also in August along the sandy beach at
Lisianski Bay where it is quite common. Not found inland
or on mountain sides

51 *Pholopleris littoralis* Schmidt. July 1-1892 Along the Aykoy near Ocean Cape 50
Found on river bank and in other open places. This plant is found only
growing among the sand dunes along the river and beach where there is
no shade and where there is but little other vegetation of any kind

52. *Habenaria dilatata* (Pursh) ^{Hutch.} July 1-1892 Along the Aykoy near Ocean Cape 50
Found in damp boggy soil and near lakes of the low forest region.
Growing entirely in shade, plant very fragile. The blossoms are very
fragrant, the corolla snow white.

53 *Iris setosa* (Link.) Pall. July 3-92
~~Growing sandy beach at mouth of~~
a fresh water pond a short
distance make a sort of channel

54 *Moneses uniglora* (L.) Gray. July 9-92
Growing among moss in dense
forest about a week later in
Mt. St. Lawrence. Not noticed at any

55 *Minulus luteus* L. July 14-92.
Rare. Found along small stream
Aug 3. Growing in considerable
stream emptying into Lisachan

56 *Gampanula rotundifolia* ^{Gray} *alaskana* July 14-92.
Rare Along sides of steep rocky
Corolla light blue.

North of the Ankon Yakutat Bay. Located
On open sandy soil near
distance back from the beach
medicine from the root

near Cape Yakutat Bay. 20
dense woods.
the woods of the mountain near
considerable altitude

16 miles north of Mission. 20
in dense woods.
quantities along a small
stream Bay.

Sixteen miles north of Mission 20
bluff near beach.

53 57. *Pyrola secunda* L. July 14-92
 Not common. Found in dense.
 Rare on Kantak Island.

54 58. *Epilobium luteum* Pursh. July 14-92.
 Along beach just beyond
 A few specimens seen

55 59. *Heuchera glabra* Willd. July 14-92.
 Common in woods along stream

56 60. *Saxifraga stellaris* L. July 14-92
 Rare. Found along stream

Sixteen miles north of Mission 40
 damp woods growing among rocks.
 Mt. Tebenkoff 500 feet altitude

Sixteen miles north of Mission Sea level.
 reach of tide.
 at Lisenchantment Bay Aug 4.

Sixteen miles north of Mission. Yakutat Bay 25-

Sixteen miles north of Mission. Yakutat Bay. 25-

- 5-61 *Sieversia amplexigolius* (L.) DC. July-14-92.
Common in dense woods.
from sea level to 600 feet.

- 5-62 *Astrophyllum punctatum* (L.) Lindb. June 5 to July 14-92. Karlack Island. Yakutat Bay. Sea level to 50.
Found on stumps and decaying tree trunks in damp, shady localities.

- 5-63 *Potentilla palustris* (L.) Scop. July 16-1892. Yukon River. 6 miles from mouth, Alaska. 200.
Common in freshwater swamps and along edges of same.

- 5-64 *Habenaria hyperborea* (L.) R.Br. July 16-1892.
Rare. Found along edges of
and on islands in the Bay. Six miles above mouth of Yukon, Alaska 200
Open swamps and marshes on mainland.

53 C 5- *Polygonum viviparum* L. July 14-92 4 miles above mouth of Ankon river Yakutat Bay 250
 Found in open places about on edges of bluffs.
 Disenchantment Bay in Aug. 700 above the sea.

54 C 6 *Potterium latifolium* (Hook.) Coville. July 14-92 Six miles above mouth of Ankon Yakutat Bay 250
 Along edges of bluffs near river bank.

55 C 7 *Juncus galcaus* Meyer. July 18-92 Ocean Cape, Yakutat Bay Alaska. 50
 Open places in woods - not common.

56 C 8 *Rhinanthus crista-galli* L. July, 1892 Ocean Cape, Yakutat Bay Alaska. 20
 Found on long sand spit back of trees. Never in the shade
 A few specimens at Dalton's Landing Aug 19.

53 69 *Achillea millefolium* L. July 18-92 Ocean Cape. Yakutat Bay Alaska. 20.
 Abundant on open sandy beaches. Found June 28 at
 Pt. Mable. Aug. 5 at on beach along Lisenchantment Bay
 and hillsides to 450 feet alt.

54 70 *Ligusticum scoticum* L. July, 18, 92 Ocean Cape. Yakutat Bay Alaska. 40
 Along edges of bluffs near the beach.

55 71 *Gentiana virosa* L. July 22-92 Kantak Island. Yakutat Bay. 30
 Common along edges of open tracts.

56 72 *Gentiana amarella* L. July 23-92 Cape Whippis. Yakutat Bay. Sea level.
 Found growing in sand along the beach. Not common

- 53 73 *Selinum benthami* Wats. July 23-92
Along sandy beach near edge

Cape Phipps, Yakutat Bay, Alaska. 30.
of forest.

- 54 74 *Viola glabella* Nutt. July 24-92
On slopes of mountain at the entrance

Entrance to Disenchantment Bay, Alaska. 400
to Disenchantment Bay.

- 55 75 *Pedicularis palustris* ^{(Steven) Benth} ~~Mass. virginiana~~ July 24-92
Along sandy beach just out of

Entrance to Disenchantment Bay, Alaska. Sea Level.
reach of tide water.

- 56 76 *Circaea alpina* L. July 24-1892.
Among rocks near the beach.

Entrance to Disenchantment Bay, Alaska. 20

53

a

Jk

77. *Lathyrus paluster* L.

July 27. '92

Kantak Island. Yakutat Bay.
forest.

20

54

78. *Galer goliaceus* Hb.

July 27. '92

Kantak Is. Yakutat Bay.
side of island. Not seen elsewhere

40

55

An
st79. *Arnica latifolia* Bong.

July 30. '92

Near Mission Yakutat Bay.
of Mission. Is common wherever

100

56

80. *Epilobium paluster* L.

July 30. '92

Near Mission. Yakutat Bay.
place.

100

18

b

a

8-4

6

Al

12

5

81 *Ranunculus glammula* ^{(L.) Meyer} ~~repens~~ July 31-92. Kautauk Island. Yakutat Bay.
Along edge of marsh. Very rare.

3 d.

53 §2 *Castilleja miniata* (Benth) Dougl. August 3. '92 Disenchantment Bay, Alaska 0 to 1800
Abundant in the valleys near sea level, and found on sunny slopes up to 1800 ft; though rare at that altitude

54 §3 *Tellima grandiflora* (Pursh) R. R. Aug. 3-1892 Disenchantment Bay, Alaska. 0 to 500
Found generally in the shade or in damp soil.

55 §4 *Gnaphis lyrata* L. Aug. 3-1892 Disenchantment Bay, Alaska. 0 to 500
Common among rock slides and all places where other vegetation is scant. Growth scattering.

56 §5 *Cerastium alpinum* L. Aug 3-1892 Disenchantment Bay, Alaska. 0 to 200
Rare.

- 5-3 86 *Pyrola minor* L. Aug. 4-92 Disenchantment Bay, Alaska. 0
 Very rare. Found in the shade of a clump of black alders (No 3) near the beach.
- 5-4 87 *Valeriana sitchensis* Bong. Aug. 4-92 Disenchantment Bay, Alaska. 0 to 600
 A strong and vigorous plant from 2-4 feet in height, very common on sandy slopes near the beach, and found up to 600 ft.
- 5 88 *Parnassia gimbriata* Koenig. Aug. 5-1892 Disenchantment Bay, Alaska. 600 to 2200
 Common on slopes of mountains on east side of Disenchantment Bay near the entrance.
- 5 89 *Gastilleia parviglora* Bong. Aug. 5-1892 Disenchantment Bay, Alaska. 2000
 Found in but one place, southern slope of mountain. 2000 feet above sea.

53 90 *Luetea pectinalis* ^{Runtze} (Pursh) Aug 5-1892
Abundant on the mountains

Lisenchautment Bay, Alaska. 400 to 4200
about Lisenchautment Bay.

54 91 *Saxifraga bronchialis* L. Aug. 5-1892
Summits of mountains about

Lisenchautment Bay, Alaska. 1900 to 3800
Lisenchautment Bay.

55 92 *Sorbus occidentalis* ^(Wats.) Greene Aug. 5-1892
Tree 8 feet in height. But two

Lisenchautment Bay, Alaska. 800
specimens seen.

5 93 *Artemisia* ^[pacifica Gray.] *norvegica* Aug 8-1892
Abundant in this locality, but not
Island.

Lisenchautment Bay, Alaska. 80 to 700
found near the mission on Khatank

94 *Potentilla villosa* Pursh. Aug. 8-1892 Disenchantment Bay, Alaska. 200
Very rare.

95 *Barbarea vulgaris* R.Br. Aug. 8-1892 Disenchantment Bay, Alaska 0 to 400
Not common. Found in damp and shady spots from the beach up to
400 ft. altitude

96 *Draba stenoloba* Ledeb. Aug. 9-1892 Disenchantment Bay, Alaska 300
Very rare. Found on the sides of a rocky cliff, on the shores of
Disenchantment Bay.

97 *Veronica alpina* L. Aug. 9-1892 Disenchantment Bay, Alaska. 0 to 300
Not common. Growing near water courses.

98 *Pedicularis sudetica* Willd. Aug. 9 - 1892 Lisenchantment Bay, Alaska. 0 to 4000
Rare. Not found on Khar-tuak Island or near Mission.

99 *Ranunculus cooleyae* Vasey ^{Rose} Aug. 10 - 1892 Lisenchantment Bay, Alaska 3300
Very rare. Found in but one place, on almost bare mountain top.

100 *Geranium erianthum* DC. Aug. 10 - 1892 Lisenchantment Bay, Alaska. 1200 to 3000
Common on upper slopes of the mountains

101 *Androsymbia alpina* ^{Saunders?} Aug. 10 - 1892 Lisenchantment Bay, Alaska 0 - to 800
Not common.

182 ^[Alaskana Gray] *Campanula rotundifolia* Aug. 10-1892
Common on grassy mountain slopes
earlier, as most specimens seen were

103. *Potentilla villosa* Pursh Aug. 11-1892.
But few specimens were found in
to fruit.

104 *Gentiana amarella* L. Aug. 11-1892
Not common. Found along the
high tide

105 *Petasites grigida* (L.) Sries. Aug. 11-1892
Found growing in wet, spongy ground

Disenchantment Bay, Alaska. 1157-2200
Blooming period evidently some weeks
in fruit.

Disenchantment Bay, Alaska. 08. 800
flower, nearly all having gone

Disenchantment Bay, Alaska.
sandy beach barely out of reach of

Disenchantment Bay, Alaska. 0-250
in shade of cliffs

106 *Anaphalis margaritacea* (L.) Benth. & Hook. Aug 11 - 1892.
Rare. Growing along river bank in

107. *Hieracium* ^{C. Ham.} *tristis* (Spring) Aug 12 - 1892.
Found ~~in~~ on grassy slopes from
vertical range, but very little is found
below but soon to fruit. Specimens ~~at~~

108 *Gentiana platypetala* ^{Griset.} Aug 12 - 1892
Rare.

109 *Bryanthus glanduliflorus* (Hook.) Gray. Aug 12 - 1892.
Common on summits of mountains

Lisenchantment Bay, Alaska. 100
sandy soil.

Lisenchantment Bay, Alaska. 0 to 3250
sea level up to 3250 ft. Has a wide
in any one place. That on lower
collected at 3250

Lisenchantment Bay, Alaska. 1400

Lisenchantment Bay, Alaska. 1150-3300
about Lisenchant Bay.

- 110 *Cassiope stelleriana* Wall. DC. Aug. 12-92 Disenchantment Bay, Alaska 2700-3350
Abundant on mountain tops, being in many places the only plant found.

- 111 *Deschampsia caespitosa longiflora* Trin. Aug. 12-1892.

This grass is found in great quantities on the slopes of mountains between the upper limit of black alder (no 3) and the lower limit of the summer snow banks, and gives to the mountains their light green appearance. Some tracts of hundreds of acres of mountain exclusion of nearly all other vegetation.

- 112 *Habenaria bracteata* Willd. Muhl. Aug. 12-1892
Rare, very few specimens found

- 113 *Lycopodium alpinum* L.

Aug. 13-92

Found in but one place, where there is black mountain top.

Disenchantment Bay, Alaska. 800-2450
quantities on the slopes of mountains (no 3) and the lower limit of the mountains their light green appearance slopes are covered by it to the

Disenchantment Bay, Alaska. 3500
in any one locality.

Disenchantment Bay, Alaska.

3850

was a considerable quantity.

114 *Gnemone narcissiflorum* L. Aug. 13-'92
Common, but most specimens

Disenchantment Bay, Alaska. 1000-2960
seen were in fruit at this date.

115 *Prenanthes alata* (Hook.) Gray. Aug. 13-'92
Rare at the lower altitudes but

Disenchantment Bay, Alaska. 450-2100
abundant from 1500 to 2100.

116 *Aconitum delphinifolium* DC. Aug. 13-'92
Abundant on grassy slopes of

Disenchantment Bay, Alaska. 900-2300
mountains.

117 *Salix arctica* R.Br. Aug. 13-'92
Common in all rocky localities
abundant at high altitudes.

Disenchantment Bay, Alaska. 0-4200
near Disenchantment Bay but most

118. *Agrostis exarata* Trin. Aug 14-1892.

Growing in scattered ~~clumps~~
near which empties into the Bay

119 *Phleum alpinum* L. Aug 14-92

Same data as No 118, but more common.
A few scattering specimens seen

120 *Cystopteris gracilis* L. Aug. 14-92

Not common. Found in the shade
coast of the Bay.

121 *Aquilegia formosa* Fisch. Aug. 14-92

Abundant both along Disenchantment

Bay, Alaska. 0-200
branches on dry sand bars along small
not common.

Disenchantment Bay, Alaska. 0-200

Abundant at Dalton's Landing, Aug. 16.
on Kharatak Island Aug. 30.

Disenchantment Bay, Alaska.
of rocks among the cliffs on the

Disenchantment Bay, Alaska. 0-650
Bay and at Dalton's Landing.

122 *Arnica latifolia* Bong. Aug. 15-1892
Common among sand dunes near beach

123 *Romanzoffia sitchensis* ^{Bong.} Aug. 15-1892
Along walls of a canon leading down
among rocks.

124 *Portulilla procumbens* L. Aug. 15-1892
Not common. Most specimens seen

125 *Euphrasia officinalis* L. Aug. 15-1892.
Common on sand flats near beach

Dalton's Landing, Yakutat Bay, Alaska 0-100

near Dalton's Landing, Yakutat Bay. 350
from St. Elias range. Growing in shade

Dalton's Landing, Yakutat Bay. 100
had been in fruit for some weeks.

Dalton's Landing, Yakutat Bay. d

126 *Aspidium louchitii* (L.) Swartz. Aug 15-92
 But one specimen found during the
 cabin, two miles back from Dalton Landing.

127 *Poa alpina* L. Aug. 15-92
 Common, growing in small bunches
 Dalton Creek. Also found near

128 *Epilobium latifolium* L. Aug 15-92
 Very rare. The specimens were
 sand bar on Dalton Creek, two miles

129 *Cryptogramme achnostichoides* ^{R.Br.} Aug 16-92
 Common, growing among rocks.

Dalton's Landing, Yakutat Bay. 300
 season, and that in the woods near Dalton

Dalton's Landing, Yakutat Bay. 0-100
 on dry sand bars near the ~~latter~~
 Cape Mearns.

Dalton's Landing, Yakutat Bay. 200
 found growing in a clump on a
 from the beach

Dalton's Landing, Yakutat Bay. 0-350

130 *Geum calthifolium* Smith.

Aug 19-92

Not common. Found on mountain side. Most specimens seen dead from seed.

131 *Picea sitchensis* (Bong.) Carr.

Aug. 27-92

This tree forms the great bulk of Yakutat Bay, and is of the greatest natives. The trees average thirty individuals are seventy feet. Their houses and dug-out canoes, manufacture of bows and arrows, oil roots after being split are worn. The tree is found from tidewater highest point at which it was of Mt. Stikineff.

132 *Tsuga mertensiana* (Bong.) Carr. Aug 27-1892

Found growing among no 131 but not nearly so common. The wood is preferred to pine seem to be used in the

250

Near Dalton's Landing, Yakutat Bay.

Khan-tah Is. Yakutat Bay.

of the forests in the region about economic importance to the feet in height and but some from the logs the natives build which it is also used in the tanks, spear shafts, etc. which the into baskets. to an altitude of 2200 feet; the found on the western slopes

Yakutat Bay, Alaska.

Found under the same conditions tree about 30 feet high. abraded as fuel, but does not manufacture of implements.

- 133 *Deschampsia caespitosa* (L.) Beauv. Aug 27-1892
 Found everywhere in the vicinity
 This grass occupies all open spaces
 and is found in abundance on the top
 The highest altitude at which it
 Mt. Iliashoff when it extends to
 134 *Carex* Aug. 28-1892
 Common in fresh water swamps.

- 135 *Eleocharis Vitaloni* Babb. Aug 28-1892
 Found generally under the same
 abundant.

- 136 *Calamagrostis Langsdorffii* (Link) Trin Aug. 28-92
 Found generally along
 forest and on bluffs near the

It has taken Is. Yakutat Bay, 0 to 1700
 of Yakutat Bay. It is in great abundance
 in the forest that are not too swampy
 of bluffs near the sea shore
 was found is on the southern slopes of
 1100 alt.
 Ankon River, Yakutat Bay. 0-200
 and along edges of lagoons.

Ankon River, Yakutat Bay. 0-200

conditions as no. 134. but is more

Ankon River, Yakutat Bay. 0-
 the beach near edge of the
 river

137 *Poa glumaris* Trin. Aug. 29-92
Common along gravelly beaches

138 *Phegopteris dryopteris* (L.) Fee. Aug 29-92.
This is probably the most common
and is found in great profusion ^{in the}
at which it was noted was in the
the sea.

139 *Lycopodium annotinum* L. Aug 29-92
Abundant in the woods near sea
logs. Not found at any considerable

140 *Elymus arenarius* L. Aug. 29-1892
Abundant along sandy beaches
and is most common on bare sand spits.
an important part in the basket weaving
is made the frame work about which

Phan took Is. Yakutat Bay.
out of reach of high tide

Near Mission Yakutat Bay. 0 - 1160
fern in the vicinity of Yakutat Bay
spruce forests. The highest point
side of Mt. Tebenkoff 1160 feet above

Near Mission Yakutat Bay
level. generally growing near decaying
altitude

Near Mission Yakutat Bay.
Found nowhere but near the sea.
The thick stems of this grass play
of the Shikpuk Indians, as from them
is woven the split spruce roots

141 *Sphagnum squarrosum* ^{semisquarrosum Russ.} Aug 30-'92
 Found growing in dense masses
 swamps both on the mainland
 near sea level, it is not found at

142 *Equisetum variegatum* ^{+ Mohr.} ~~Hebr.~~ Aug 30-'92
 Common near fresh water

143 *Echinopanax horridus* Smith Aug 30-'92
 Popularly known as "Devil's Club."
 Leaves have a cluster of white, sweetly
 scented flowers. Is very common
 in the woods from sea level to
 an altitude of 1500 feet. In some places
 progress through the forest almost

144 *Hypnum uncinatum* ^{Heads} Sept 1-3-'92
 Abundant growing on decaying
 and a very little *Sophozoa ovata*

144a *Hypnum uncinatum*

Khantakh Is. Yakutat Bay.
 along the borders of marshes and
 and islands. As the swamps are all
 any altitude.

Khantakh Is. Yakutat Bay -
 swamps.

Khantakh Is. Yakutat Bay
 This plant which in May and
 scented flowers, is from ~~the~~ ^{the} ~~the~~ ^{the}
 in the woods from sea level to
 its growth is so dense as to make
 impossible.

Khantakh Island. Yakutat Bay
 tree trunks.

145 *Asiophyllum punctatum* ^{(L.) Lignell} Sept 1-3-1892
Found on decaying tree trunks.

146 *Hylocomium loreum* ^{Bruen. & Schimpf.} Sept 1-3, 1892
Abundant in the forest around
and stumps. Highest point noted.
Sebenkoff

147 *Chamaecyparis nortkeiensis* ^{(Lamb.) Spach} Sept 1 - 1892
Very rare. But one specimen
southeast shore of Khantash Island.

148 *Hylocomium proliferum* ^{Link.} Sept. 1-2-1892
Common in the woods of Khantash

Khantash Is. Yakutat Bay.

Khantash Is. Yakutat Bay. 0-500
Yakutat Bay. growing on tree trunks
500 feet above sea on side of mt.

Khantash Is. Yakutat Bay
found that a small tree on the

Khantash Is. Yakutat Bay.
Is. and the main land.

149 *Dicranum fuscescens* ^{Turn.} Sept 1-3-92
 Growing on bark of black alder
 Mt. Sebenkoff found at 1350 ft. alt.

150 *Hypnum circinale* Hook. Sept 3-1892
 Found on decaying logs.

151 *Rubus pedatus* Smith

152. *Polytrichum urnigerum* L.
 Taken from No. 17

153. *Climacium ruthepicum* Linds.
 Taken from No. 144

154. *Dicranum fragilifolium* Linds.
 Taken from No. 148.

155. *Hylocomium squarrosum* Bruch. & Schimp.
 Taken from No. 149.

156 *Plagiostreum undulatum* Bruch & Schimp.
 Taken from No. 149.

157 *Dicranum fragilifolium* ^{majus} ^{From} Linds.
 Taken from No. 17

158. *Ulotia banglayi* Mitt
 Taken from No. 146.

Continued on p. 40

Khan-tash Is. Yakutat Bay.
 tree (No 3) Common. On sides of

Khan-tash Is. Yakutat Bay

Additional notes on No. 24

No 1. popularly known as *ih'salun* scattered through the forest about the forest is not so dense as at sea level where the fruit is highest point at which found on 2200 feet above the sea where the on June 22. Found Aug 5 at above the sea where the fruit was

The fruit which in general appearance is long by $\frac{1}{2}$ in in diameter and varies red. The fruit in season forms a thickets. who gather large quantities of fruit is & sometimes eaten or taken seasoned with seal oil and crushed or in any way preserved for winter

No 2. *Fragaria* is common beach where there is no shade. Between the mouth of the Arkoow of low sand dunes extend from the forest a distance of about area of these sand dunes about growth of strawberries which began about the same extent occupies

inclusion

berry" a shrub 4-6 feet high is common Gakutot Bay. being found wherever shade it has. Most common at ripen from July 5 to Aug. 1. the western slope of Mt. Sebenhoff. bushes were dwarfed and not in bloom. Disenchantment Bay 1100 feet just ripening.

resembles the red raspberry, is about in color from very light to very dark staple article of diet among the quantities in wicker baskets. The from the bush but is generally with the hands. It is not dried

on open sandy points near the and when the drainage is good. near Cape Phillips a succession high tide mark to the edge of 200 yards. The entire extent of ten acres is covered with a dense to ripen about July 1. A field of Khamtaah Island from the Indian

village to the end of Turner's Point
 time as those on the Anpor
 extend from Cape Henry to Dalton
 Malaspina glacier, this plant
 and in this locality does not increase
 abundant at Dalton Landing
 found at any distance from

The fruit is about $\frac{1}{2}$ in long
 light pink color and of excellent
 used by the natives. being
 before eating. It is not

No 8. This tree
 alder is general all over the
 not only in the dense spruce forest
 above the upper line of spruce
 about Disenchantment Bay where
 On the western slope of Mt. Teben
 is 2200, the alder extends to 2000.

Bay is 4000 to 5000. The growth of this
 dense as to form one of the most
 climbing the growth in many places
 The tree is from 4 to 15 feet in height
 except as found in localities where

where the fruit ripened at the same
 On the grassy sand dunes that
 creek between the beach and the
 is found in immense quantities
 until July 20, and was still
 on Aug 15. The plant was nowhere
 the beach or at any altitude,
 and somewhat pear shaped, of a very
 flavor. The fruit is largely
 seasoned with caribou seal oil
 preserved for winter use.

commonly known as the black
 Yakutat Bay region, growing
 but on the mountain sides
 and on the mountain slopes
 the latter tree is not found.
 off where the upper limit of spruce
 Its upper limit at Disenchantment
 tree above the spruce limit is so
 serious obstacles to mountain
 being absolutely impenetrable
 and has no economic value
 the wood is wanting.

5. Common in
especially along the foothills
is abundant. Extends from sea
level to 1900 feet on sides of mt.
specimens at sea level on Klis-en-chat
about about Aug. 1. is about the size
of a pea, dark purple, and not edible.

6. This willow
water, marshes and open places
in the gravelly washes and cañon
forms dense and almost
of the ptarmigan. Not found on

8. A shrub 2-4
feet high. abundant in the low
spruce country. Do not found at
the sea. The fruit which ripens
in the bushes for more than six
peas, dark purple, and quite tart.
The Eskimoes collect large
quantities in baskets and
preserve for winter use by drying
it over a fire. It is one of their staple articles

the forest about Yakutat Bay
of the St. Elias Range, where it
level to 1900 feet on sides of mt.
specimens at sea level on Klis-en-chat
about about Aug. 1. is about the size

is common along the edges of fresh
along the beach, and very abundant
beds in the St. Elias range, where it
impenetrable thickets. The lower
mountain slopes.

feet high. abundant in the low
spruce country. Do not found at
the sea. The fruit which ripens
in the bushes for more than six
peas, dark purple, and quite tart.
The Eskimoes collect large
quantities in baskets and
preserve for winter use by drying
it over a fire. It is one of their staple articles

Ceratodon purpureus (L.) Brid.
159. Taken from No. 148.

Hypnum arcuatum Lindb.
160 Taken from No. 17

161 *Blepharostoma bychophyllum* (L.) Dum.

162 *Cephalosia divaricata* (Sm.) Dum.

163 *Cephalosia multiflora* Spruce.

164 *Frullania nisqallensis* Sullis.

165 *Kantia trichomanis* (L.) S.F. Gray.

166 *Lepidozia reptans* (L.) Dum.

167 *Plagiochila asplenoides* (L.) Dum.

168 *Radula krausei* Steph.

Notes on
duplicate label writing

To write over No. 46.

Catalogue of collections by
 Graham from Tagish river
~~July~~ Aug. 24. nos. 1 to 162 inclusive

1. *Picea alba.* May 3-1893
2. *Pinus murrayana* May 3-1893
3. May 3-1893
 On ground in dense
4. May 3-1893
 Abundant on dead branches
5. May 3-1893
 On ground in dense
6. May 4-1893
 On ground in dense
7. May 4-1893
 On bark of dead trees.
8. May 4-1893
 On ground in dense
9. May 4-1893
 On ground in dense

Note-Tagish river is the stream, five miles

Frederick Furston on Lewis and
 to Forty-Mile creek. May 3^d.

Tagish river. B. N. W. Co.

Tagish river B. N. W. Co.

Tagish river B. N. W. Co.
 woods.

Tagish river B. N. W. Co.
 of trees.

Tagish river. B. N. W. Co.
 woods.

Tagish river B. N. W. Co.
 woods. abundant.

Tagish river. B. N. W. Co.
 abundant

Tagish river B. N. W. Co.
 woods.

Tagish river B. N. W. Co.
 woods.

long, connecting Lake Tagish (Stahow) and Marsh

10.

May 4-1893

On ground in dense

11

May 4-1893

On ground in dense

12

May 5-1893

Common in dense damp

13

May 5-1893

On dead, lower limbs

14 *Dicranum fusciceps* Turn. May 5-1893forma *depaupevata*

On ground in damp

15. *Cladonia*

May 5-1893

"Reindeer moss": On ground

16

May 8-1893

On ground in dense

17 *Sphagnum*

May 8-1893

Forming a dense carpet

✓ 18 *Juniperus nana* Willd. May 8-1893

Low, spreading shrub, growing

✓ 19 *Juniperus sabinia procumbens* Pursh. May 8-1893

Low, spreading shrub lying

20

May 11-1893

Abundant on rocks.

21

May 11-1893

On rocks: not common

Taqish river, B-N-W. Z

woods - common.

Taqish river.

woods.

Foot of Lake Marsh, B-N-W. Z.

woods.

Foot of Lake Marsh.

of spruce trees.

Foot of Lake Marsh

woods.

Foot of Lake Marsh.

in woods, very abundant.

White Horse rapids, Lewis river.

woods.

White Horse rapids, Lewis river.

in woods throughout entire region.

White Horse rapids, Lewis river.

on sunny bluffs.

White Horse rapids, Lewis river.

close to the ground.

Island in Lake Labarge, 12 miles from head. B-N-W. Z.

Island in Lake Labarge, 12 miles from head

B-N-W. Z.

22

May 11-1893

Common on rocks

23

May 11-1893

On rocks

24

May 11-1893

Common on rocks

25

May 11-1893

Common on rocks

26 *Boerhaavia caespitosa* L. May 11-1893belongs in the group *caespitosa*.
Abundant on ground on

27

(Grass)

May 11-1893

Abundant on treeless bluffs and

28 *Bromus*

May 11-1893

Habitat same as no 27, but

29

May 11-1893

On ground in woods.

✓ 30 *Sesargyrea canadensis* (L.) ^{Greene} May 11-1893

Spreading shrub two feet high

✓ 31 *Pulsatilla* ^{*hirsutissima* (Pursh) Tuckerm.} ~~*matthiana* Spreng.~~ May 11-1893

On rocky bluffs abundant.

32

May 11-1893

Abundant both in woods

✓ 33 *Salix*

May 12-1893

Common along margins

Lake Labarge, island 12 miles from head

Lake Labarge, island 12 miles from head.

Lake Labarge, island 12 miles from head.

Lake Labarge, island 12 miles from head.

Lake Labarge, island 12 miles from head.
burned woods.Lake Labarge, island 12 miles from head.
hills, - prevailing grass of upper Lewis regionLake Labarge, island 12 miles from head.
not so abundant.

Lake Labarge, island 12 miles from head

Lake Labarge, island 12 miles from head
common on hillsides and in open woods.

Lake Labarge, island 12 miles from head

Lake Labarge, island 12 miles from head
and on treeless ground N.W. T.Lake Labarge, island 12 miles from head.
of woods. N.W. T.

✓ 37 *Arctostaphylos uva-ursi* (L.) Spring May 12-1893
Abundant on open bluffs.

✓ 35 *Alnus tenuifolia* Nutt. May 12-1893
Abundant along lakes
May 12-1893

On dry tree-trunks

✓ 37 *Maiurania alpina* (L.) Desv. May 24-1893
Boggy woods in rear of trading

✓ 38 *Cassandra calyculata* Don. May 24-1893
Boggy woods in rear of

✓ 39 *Salix lebbiana* Sarg. May 24-1893
Tree ten feet high, - wet ground

✓ 40 *Salix ~~pubescens~~ ^{pubescens} Cham.* May 24-1893
Abundant along sloughs

✓ 41 *Alnus ^{lebbiana} serrata* (L. Regel.) Rydb. May 24-93
Abundant along streams.

✓ 42 *Salix ^{lebbiana} ~~pubescens~~ ^{pubescens} Cham.* May 24-93
42a. *Salix arbusculoides*
Habitat same as no. 41.

✓ 43 *Betula* May 27-1893
Tree 30 feet high. Very abundant.

✓ 44 *Lupinus arcticus* Wats. May 27-1893
Very abundant everywhere

✓ 45 *Equisetum ^{terrestris} arvense* L. May 27-1893
Birch woods and open

Lake Labarge island 12 miles from head

Lake Labarge, island 12 miles from head
and rivers

Lake Labarge: island 12 miles from head

Forty-Mile creek. Yukon river,
post.

Forty-Mile creek. Yukon river
trading post.

Forty Mile creek. Yukon river
near post.

Forty Mile creek. Yukon river
and margins of woods.

Forty Mile creek. Yukon river
and in open woods.

Forty Mile creek. Yukon river

Forty Mile creek. Yukon river
forming bulk of its forest throughout entire region

Forty Mile creek. Yukon river
except in dense woods

Forty Mile creek. Yukon river
ground near trading post.

- ✓ 46 *Aleine longipes* (Goldie) ^{Coville} Britt. May 28, -1893
Open ground in rear of
- ✓ 47 *Juncooides pilosus* (L.) Kt. May 28-1893
Open ground one half mile

- 49 June 29-1893
Common in burned woods
- 50 May 29-1893
Burned woods near post.

- ✓ 51 *Anemone richardsonii* Hook. May 29-'93
Common on open ground

- ✓ 52 *Comandra livida* Rich. May 29.
Woods near post.

- ✓ 53 *Mertensia* ^{alaskana Britt. det.} ~~paniculata~~ ^{Don} May 31.
Abundant on open ground.

- ✓ 54 *Petasites* June 1-'93
Burned woods on north bank

- ✓ 55 *Ribes rubrum* L. June 2-'93
Woods on west bank of Yukon

- 56 (Moss.) June 2-'93

- ✓ 57 *Rubus* ^{charnoyensis L.} ~~stellatus~~ Smith. June 2-'93
Woods on west bank of Yukon

Forty-Mile creek. Yukon river
trading post.
Forty-Mile creek Yukon river
south of post

Forty-Mile creek. Yukon river
near trading post.
Forty-Mile creek. Yukon river

Forty-Mile creek Yukon river
near post.

Forty-Mile creek Yukon river

Forty-Mile creek. Yukon river
and everywhere except in dense woods

Forty-Mile creek. Yukon river
of stream $\frac{1}{2}$ mile above post.

Forty-Mile creek. Yukon river
one mile above post.

Forty-Mile creek. Yukon river
bank of Yukon, one mile above post.

Forty-Mile creek. Yukon river
one mile above post.

✓ 58 *Anemone parviflora* M. June 2-93
Woods on bank of Yukon

✓ 59 *Adoxa moschatellina* L. June 3-93
Lamp woods on south

60 June 3-1893

Burned woods on south

✓ 61 *Andromeda foliolia* L. June 4-1893

Bog on half mile south of

✓ 62 *Potentilla nivea* L. June 7-93

Open, sunny bluffs north

✓ 63 *Saxifraga* ^{*reflexa Hook.*} ~~*virginensis M.*~~ June 7-93
~~*forma ciliolata*~~

Open brush woods north

✓ 64 ^{*Moevringia*} ~~*Artemisia*~~ *lateriflora* (L.) Fenzl. June 7-1893

Woods in rear of post

✓ 65 *Viburnum* ^{*pauciflorum Pyralis.*} ~~*opulus*~~ June 8-93

Woods in rear of post.

✓ 66 *Pyrola rotundifolia* L. June 8-93

Woods in rear of post.

✓ 67 ~~*Hedysarum*~~ *Astragalus* ^{*alpinus L.*} June 9-93

Open ground near post.

✓ 68 *Vaccinium vitis-idaea* L. June 10-93

Woods in rear of post.

✓ 69 *Astragalus alpinus* ^{*and.*} June 10-93

Woods in rear of post.

Forty Mile creek. Yukon river
one mile above post.

Forty Mile creek. Yukon river
bank of Forty Mile. $\frac{1}{2}$ mile above post.

Forty Mile creek. Yukon river
bank of Forty Mile creek.

Forty Mile creek. Yukon river
post.

Forty Mile creek. Yukon river
bank of Forty Mile.

Forty Mile creek. Yukon river
bank of Forty Mile.

Forty Mile creek. Yukon river

Forty Mile creek. Yukon river
abundant, shrub 3 ft. high.

Forty Mile creek. Yukon river
- quite common. ~~Yukon river~~

Forty Mile creek. Yukon river
common. ~~Yukon river~~

Forty Mile creek. Yukon river

Forty Mile creek. Yukon river

- ✓ 70. *Potentilla fruticosa* L. June 11-1893
Shrub 2-3 feet high, abundant
- ✓ 71. ^{Filix} ~~Cystopteris~~ *fragilis* (L.) Bernh. June 15-'93
Growing in shady places on
- ✓ 72. *Senecio mesodifolius* Less. June 15-93
Side of bluff on bank of
- ✓ 73. *Habenaria obtusata* (Pursh) Rich. June 17-93
Woods near river
- ✓ 74. *Corallorhiza innata* R. Br. June 17-93
Among dense woods between
75. *Ribes hudsonianum* Richards. June 17-93
Among dense woods between
- ✓ 76. *Polemonium caeruleum* L. June 17-93
Very rare; hillside 400 feet
- ✓ 77. ^{Alyssum} ~~Lesquerella~~ *americanum* Griseb. June 18-1893
Rocky bluff near the
- ✓ 78. ^{Stedysarum} ~~Phaca~~ *mackenzii* Rich. June 18-93
High banks of river
- ✓ 79. *Silene palustris* L. June 19-93
Along small stream - not
- ✓ 80. ^{Merckia} ~~Artemisia~~ *physodes* Fisch. June 19-93
Banks of small stream and
- ✓ 81. *Silene* (?) *Sychnis* ^{petalae} *glabra* Regel. June 19-93
Sloped banks of small

Forty Mile creek Yukon river
bank in woods and on open ground.
Coal Creek hill Yukon river
a rock slide on a river bluff.
Coal Creek hill, Yukon river
Yukon.
Coal Creek hill Yukon river

Coal Creek hill, Yukon river
hill and river.
Coal Creek hill Yukon river
hill and river
Coal Creek hill Yukon river
above river
Coal Creek hill. Yukon river
Yukon.
Coal Creek hill Yukon river

Coal Creek hill Yukon river
common
Coal Creek hill Yukon river
gravel bar.
Coal Creek hill Yukon river
stream.

- ✓ 82 *Equisetum* ^{alaskanum} ^{Schleich.} ^{Dieck} ^{Trelease} June 19-1893
sawed bars on small
- ✓ 83 *Rubus arcticus* L. June 19-93
Banks of small stream.
- ✓ 84 *Anemone pariflora* Wyp June 19-93
Banks of small stream.
- ✓ 85 *Parnassia kotzebui* G. & S. June 19-93
Banks of small stream.
- ✓ 86 *Saxifraga cuneata* L. June 20-93
~~Tellurina~~
- ✓ 87 *Campanula aurita* Greene June 23-93
Southern slope of hill 1200
- ✓ 88 *Erigeron compositus* ^{Pursh} June 23-93
Slopes and summit of hill.
- ✓ 89 *Arenaria sajensis* Willd. June 23-93
Upper slopes and summit
- ✓ 90 *Arnica alpina* (L.) Olin. June 23-1893
Summit of hill 1500 feet above
- ✓ 91 *Listera borealis* Morong. June 23-93
Very rare, but one specimen found
- ✓ 92 *Arabis lyrata occidentalis* Wats. June 23-93
Southern slope of hill 400-1300 ft.
- ✓ 93 *Arabis* June 24-93
Rock slide on bluff near

~~Forty mile creek~~, Coal Creek hill. Yukon river
stream

Coal Creek hill Yukon river
not common

Coal Creek hill Yukon river
Probably same as no 5-8
Coal Creek hill. Yukon river
common.

Coal Creek hill Yukon river

Coal Creek hill. Yukon river
1200 to 1500 feet above river.
Coal Creek hill. Yukon river

1200 to 1500 feet above river.
Coal Creek hill. Yukon river
of hill 800-1500 feet above river.
Coal Creek Hill. Yukon river
the Yukon

Coal Creek hill. Yukon river
Woods at base of hill.

Coal Creek hill Yukon river
above the Yukon
Coal Creek hill. Yukon river
river.

94

Banks of river

June 27-93

95. *Preissia quadrata* (Scop.) Nees. ^{Det Dr. Evans of Yale.} June 27-93

Banks of river

96 *Potentilla anserina* L. June 27-93

Banks of river, especially gravel

97 *Laxifraga tricuspidata* ^{Reto} June 27-1893

Treeless bluff and hill sides

98 *Valeriana capitata* Pold June 28-93

Woods near small stream

99 *Hedysarum americanum* ^{(Michx.) Britton.} June 29-93

Woods. common

100 *Pentstemon cristatus* Nutt. June 29-93Sides of ~~the~~ rocky bluff.101 *Taraxacum* June 29-93

Sides of rocky bluff.

102 *Erysimum asper* Nutt. June 29-93

Sides of rocky bluff.

103 *Epilobium latifolium* L. June 29-93

Gravel bars on small stream

104 *Pyrola* July 3-93

Woods in rear of post.

105 *Linnaea borealis* L. July 3-93

Woods in rear of post.

Coal Creek hill Yukon river

Coal Creek hill. Yukon river

Coal Creek hill, Yukon river
barsCoal Creek hill. Yukon river
very abundant.

Coal Creek hill, Yukon river

Coal Creek hill Yukon river

Coal Creek hill Yukon river

Coal Creek hill Yukon river

Coal Creek hill. Yukon river

Coal Creek hill. Yukon river

Forty Mile creek Yukon river

Forty Mile creek. Yukon river

5

✓ 106 *Ledum groenlandicum* ^{Sedg.} July 4-1893
Woods in rear of post

6

✓ 107 *Cerastium maximum* ^{L.} July 5-1893
Woods in rear of post

7

✓ 108 *Epilobium* July 6-1893
Woods one half mile south of post

✓ 109 *Rosa* July 6-1893
Woods one half mile south of post

✓ 110 *Polygonum viviparum* ^{L.} July 6-93
Woods one half mile south of post

✓ 111 *Orchis rotundifolia* Pursh. July 6-93
Boggy woods one half mile

✓ 112 *Pedicularis* ^{suedetica Willd. R.} ~~groenlandica~~ July 6-93
Boggy woods one half mile

✓ 113 *Oxycoccus* ^{oxycoccus (L.) MacM.} ~~palustris Pers.~~ July 6-93
Boggy woods, one half mile south

✓ 114 *Pinguicula villosa* L. July 6-93
Boggy woods, one half mile south

✓ 115 *Sanguisorba officinalis* ^{L.} July 7-93
Gravel bar on Yukon near post

✓ 116 July 8-93
Open bluffs near post

✓ 117 *Eriophyllum* July 8-93
Low ground, one mile south of post

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river
south of post

Forty Mile creek, Yukon river
south of post

Forty Mile creek, Yukon river
of post

Forty Mile creek, Yukon river
of post

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river

- ✓ 118 *Pedicularis euphrasiorides* ^{steph.} July 8-93
Open bluff near post.
✓ 119 *Epilobium angustifolium* L. July 11-93
Open ground near post.
✓ 120 *Galium boreale* L. July 11-93
Open ground near post.
✓ 121 *Cypripedium passerinum* Rich. July 11-93
✓ 121a *Tofieldia palustris* Sims.
✓ Buggy ground one half mile south of
✓ 122 *Zygadenus elegans* Pursh. July 13-93
Woods in rear of post.
✓ 123 *Monarda uniflora* (L.) Gray. July 13-93
Woods in rear of post.
✓ 124 *Lamium nudicaule* Ledeb. July 13-93
~~Lamium~~
Woods in rear of post.
✓ 125 *Aconitum delphinifolium* ^{Dr.} July 13-93
Woods in rear of post.
✓ 126 *Senecio aureus* L. July 13-93
South bank of Forty Mile creek. one mil.
✓ 127 *Gyrostachys romanoffiana* (Cham) ^{Rostk} July 13-93
South bank of Forty Mile creek. one
✓ 128 *Carex* July 13-93
Buggy ground in rear of post.
✓ 129 *Papaver radicatum* Rottb. July 19-93
Open bluff south bank of Forty Mile c.

Forty mile creek, Yukon river

Fifty mile creek, Yukon river

Forty mile creek. Yukon river

Forty Mile creek. Yukon river-
post

Forty mile creek. Yukon river

Forty mile creek, Yukon river

Forty Mile creek. Yukon river.

Forty mile creek. Yukon river

Forty M.L. creek Yukon river
above post.

Forty Mile creek Yukon river
half mile above fort.

Forty mile creek. Yukon river

Forty mile creek. Yukon river

Conioselinum
mounted J. W. R.

- ✓ 1130 *Delphinium* ^{glaucum Wats.} ~~scopulorum~~ July 21-93
Open ground near post
- ✓ 1131 *Delphinium dawsoni* C. R. July 21-93
Open ground near post
- ✓ 1132 *Carex* July 23-93
Treeless, boggy ground near post
- ✓ 1133 *Drosera rotundifolia* L. July 23-93
Among sphagnum on boggy ground
- ✓ 1134 *Carex* July 23-93
Scattering growth on damp
- ✓ 1135 *Carex* July 23-93
Scattering growth on damp
- ✓ 1136 *Festuca* July 29-93
Banks of small creek
- ✓ 1137 *Gentiana prorepens* Rich. July 29-93
Gravel bars on small stream
- ✓ 1138 *Rubus greticus* L. (Fruit 2083) July 29-93
Bank of small creek
- ✓ 1139 *Carex physochlaena* Holme July 30-93
Gravel bars along small creek
- ✓ 1140 *Juncus castaneus* Smith. July 30-93
Banks of small creek
- ✓ 1141 *Carex* July 30-93
Banks of small creek

Forty Mile creek Yukon river

Forty Mile creek. Yukon river

Forty Mile creek, Yukon river

Forty Mile creek Yukon river

Forty Mile creek, Yukon river
boggy ground near post

Forty Mile creek, Yukon river
boggy ground near post

Coal Creek hill Yukon river

Coal Creek hill Yukon river

Coal Creek hill. Yukon river

Coal Creek hill. Yukon river

Coal Creek hill Yukon river

Coal Creek hill Yukon river

Mounted
G. N. R.

- ✓ 142 *Erysis* July 30-93
Slide rock on side of bluff two miles below mouth of Coal creek.
- ✓ 143 *Salix reticulata* L. Aug 3-93
Woods two miles below Coal creek
- ✓ 144 *Cornus canadensis* L. Aug 3-93
Woods two miles below Coal creek
- ✓ 145 *Phegopteris dryopteris* (L.) Fee. Aug 5-93
Woods two miles below Coal creek
- ✓ 146 ^{Filix} *Eryopteris fragilis* (L.) ^{Franch.} ^{Underscored} Aug 5-93
Woods two miles below Coal creek
- ✓ 147 *Bupleurum americanum* ^{G. N. R.} Aug 6-93
Slope of bare hill, two miles below
- ✓ 148 *Agrostis* Aug 6-93
Slope of bare hill two miles
- ✓ 149 *Silene* Aug 6-93
Slope of bare hill two miles below
- 150 Aug 7-93
On dead log in woods at mouth
- ✓ 151 *Spiraea betulifolia* ^{Pall} Aug 11-93
Hillside one mile south of post
- ✓ 152 *Rubus strigosus* Michx. Aug 11-93
Hillside one mile south of post
- ✓ 153 *Taccinum uliginosum* L. Aug 14-93
Fruit of no 38. Open boggy ground

Coal Creek hill, Yukon river
~~below mouth of Coal creek.~~
Coal Creek hill, Yukon river

Coal Creek hill, Yukon river

Coal Creek hill, Yukon river

Coal Creek hill, Yukon river

Coal Creek hill, Yukon river

Coal Creek hill, Yukon river

Coal Creek, 600 ft. above river

Coal Creek hill, Yukon river

below Coal Creek

Coal Creek hill, Yukon river

Coal Creek, 400 feet above river.

Coal Creek hill, Yukon river

of Coal Creek.

Forty Mile creek, Yukon river

rare.

Forty Mile creek, Yukon river

- Not seen in flower

Forty Mile creek, Yukon river

in rear of post.

~~Rumex~~

alaskanum Small.

154 *Polygonum alpinum*, all Aug 14-93
Open ground near post

155 *Betula glandulosa* Michx. Aug 14-93
Open, boggy ground near post.

156 *Poa* Aug 21-93
Open ground and woods near post

157 *Calamagrostis* Aug 21-93
Open ground and burned woods

158 *Blitum capitatum* L. Aug 21-93
~~*Chenopodium*~~
Open ground near post

159 (grass) Aug 22-93
Treeless ground near the Indian

160 *Artemisia frigida* Willd. Aug 24-93
Bluffs on north bank of Forty

161 *Populus tremuloides* Mx. Aug 24-93
Bluffs on north bank of Forty

162 Aug 24-93
Banks of the Yukon near

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river
Shrub, three feet high

Forty Mile creek, Yukon river

Forty Mile creek, Yukon river
near post.

Forty Mile creek, Yukon river.

Forty Mile creek, Yukon river
village

Forty Mile creek, Yukon river
Mile creek

Forty Mile creek, Yukon river
Mile creek.

Forty Mile creek, Yukon river
near post.

Catalog of collections by Hook
on upper Porcupine River at
line of Alaska, on the Yukon from
Bering Sea, and on St. Michael Island
of the mouth of the Yukon.

~~Anemone~~

No. 163 Pulsatilla Rampart House
Sides of open, well-drained

~~Anemone~~

No. 164 Pulsatilla ^{hirsutissima (Pursh) Britton} ~~monticola~~ Rampart House
Treeless hill slopes - very

No. 165 Empetrum nigrum L. Rampart House
In woods and on hill sides

Vaccinium vitis-idaea L.

No. 166 Rampart House
On shaded ground both level

Arctostaphylos uva-ursi (L.) Spreng.

No. 167 Rampart House
Small, tufted berry, on hill

most in June, July and August 1890
Rampart House on the eastern boundary
the mouth of the Porcupine to
in Bering sea seventy miles north.

Upper Porcupine river
bluffs.

June 6-1890

abundant

June 6-1890

very common.

June 6-90

and broken abundant

June 6-1890

slopes. - abundant

June 7-90

✓ 168 *Anemone parviflora* Michx. Rampart House

Shaded, swampy ground
Maiwania alpina (L.) Desv.

✓ 169 Rampart House
Growing among sphagnum

✓ 170 *Sycopodium annotinum* L.

Rampart House
Club moss - Boggy woods

✓ 171 ^{calyculata Don.} *Cassandra* Rampart House
Damp ground - especially in

✓ 172 ^{Fries} *Petasites frigida* Rampart House
Open, damp ground

✓ 173 ^{Rydb.} *Alnus sinuata* (E. Regel.) Rampart House
^{Shrub 5 feet high}
Alnus - Found nearly everywhere

✓ 174 *Ribes rubrum* L. Rampart House
Ribes - Shrub 1 1/2 feet high

✓ 175 *Salix speciosa* H. & A. Rampart House
Salix - Low ground near creek

✓ 176a. *Salix*

Upper Porcupine River. June 9-74

June 9-74
in wet, boggy woods.

June 9-74

June 11-74

June 12-74

June 13-74
except on the timber hills.

June 13-74
On woods - not common.

June 14-74

✓ 174 *Draba hirta* L. Rampart House
Well drained, open ground.

✓ 177 ^{Androsace} Same data as no. 174. Plants
different.

✓ 178 ^{Alyssum} *Alyssum americanum* Greene
Rampart House
Dry hill slope - Southern exposure.

✓ 179 *Saxifraga reflexa*, ^{Hook.} Rampart House
Dry hill slope. Not common.

✓ 180 *Potentilla* Rampart House
Dry hill slope - Southern exposure.

✓ 181 ^{(L.) Greene} *Separgyria canadensis* Rampart House
Shrub two feet high. Hillsides.

✓ 182 ^{*Dryas integrifolia* Vahl.} ~~*Dryas*~~ Rampart House
Rock slides on the side of bluff.

✓ 183 *Pedicularis lanata* Willd.
Rampart House
On hillsides.

To be added for herb.

Upper Porcupine River June 14-94

resemble each other but are probably

June 14-94

June 14-94

June 15-94

June 15-94

June 17-94

June 17-94

Cassiope tetragona (L.) D. Don.

184

Rainforest House

Upper Porcupine River.

June 17-94

Open ground

Salix glauca s. *vernoclaea* Rydberg

185

Mouth of Porcupine river

June 22-94

Along margins of woods.

Nos 186 to 227 inclusive were
personal effects by the swamping
on the lower Yukon on August 17

lost with my camp outfit and
of my boat near ~~Andrieff~~ Andrieffski

186

Mouth of Porcupine river

June
July 25-94

Among sphagnum.

187

Mouth of Porcupine river

June
July 25-94

In damp, dense woods

188

Mouth of Porcupine

June
July 24-94

Treeless bluff site of old Ft. Yukon.

189

Mouth of Porcupine river

June
July 24-94

Bluff on site of old Ft. Yukon

190

Mouth of Porcupine river

June
July 31-94

On gravel bars near river bank.

191 Island in the Yukon
Coarse grass common on islands.

192 Bluffs on north bank of Yukon

193 Bluffs on north bank of
Small shrub 2 ft. high, quite

194 Low gravel bar north bank
Bunch grass common on gravel

195 Gravel bar north bank of Yukon

196 Island in Yukon 170 miles below
Among dense growth of willows.

197 Island in Yukon 170 miles below
Sandy beach

198 Island in Yukon 170 miles below
Among piles of driftwood.

199 South bank of Yukon 65 miles
Foot of granite bluffs.

about 20 miles below mouth of Porcupine, July 3-74

about 45 miles below mouth of Porcupine July 4

Yukon about 45 miles below Porcupine July 4
common.

of Yukon 125 miles below Porcupine July 7
bars and low islands

125 miles below Porcupine, July 8

Porcupine river July 8

Porcupine river, July 8-74

Porcupine river July 8-74

below Shaman Stevens' village July 11

- 200 South bank of Yukon 110 miles below Shaman ~~Stevens~~ village July 11
On crevices of granite bluffs
- 201 South bank of Yukon 120 miles below Shaman Stevens village July 12
Sholes of steep bluffs.
- 202 South bank of Yukon 120 miles below Shaman Stevens village July 12-94
Bank of small creek.
- 203 South bank of Yukon 120 miles below Shaman Stevens village July 12-94
Bank of small creek
- 204 Mukluhyet (north bank of Yukon) July 14-1894
Woods in rear of village
- 205 Mukluhyet July 14-94
Woods in rear of village
- 206 Mukluhyet July 14-94
Bluff one half mile up the river from village
- 207 Mukluhyet, one mile below village July 16-94
Open, treeless bluff

- 208 Muklukyat, one mile below village July 16-94
Sides of bluff
- 209 Muklukyat, woods in rear of post. July 16-94
- 210 Muklukyat, river bank near post July 17-94
- 211 Muklukyat, woods near post July 18-94
A parasite on decaying log.
- 212 Muklukyat, woods near post July 18-94
- 213 Muklukyat, near post July 18-94
On sides of rocky bluff.
- 214 Muklukyat, woods near post July 19-94
- 215 Muklukyat, one quarter mile from post July 20-94
In small pond.
- 216 Muklukyat, one quarter mile in rear of post July 20-94
Along margins of ponds.

217

Island in the Yukon 7 miles below Nowikakat
On grove of cottonwoods and willows

July 24-1894

218

North bank of Yukon twenty miles below Nowikakat

July 25-94

219

North bank of Yukon, twenty miles below Nowikakat

July 25-94

220

North bank of Yukon, ten miles below mouth of Stoyukuk river.

July 27-94

221

Upland, right hand (west) bank of Yukon
On steep, well drained hillsides.

July 28-94

222

Arvik, west bank of Yukon

Aug. 2-94

223

Holy Cross Mission, west bank of Yukon.

Aug 4-94

224

Holy Cross Mission, west bank of Yukon

Aug 4-94

225 North (right hand) bank of Yukon, 160 m. below Holy Cross Mission Aug 14-94

226 North (right hand) bank of Yukon, 160 miles below Holy Cross Mission Aug. 14-94

227 Island in the Yukon 175 miles below Holy Cross Mission Aug 15.

+ *Juncoides parviflorum* (Ehrh) Coville
228 St Michael Island, Norton Sound

Aug 25-94

+ *Carex compacta* R. Br.
229 St Michael Island Norton Sound

Aug 25-94

+ *Juncoides campestris* (L) Kuntze
230 St Michael Island, Norton Sound

Aug 25-94

231 Unalaklik, seventy miles north of St Michael
(Grass)

Aug. 27-94

+ *Salix fuscescens* Anders.
232 Unalaklik

Aug 27-94

+ *Spiraea betulifolia* Pall.
233 Unalaklik

Aug 28-94

+234 St Michael Island

Eriophorum

Sept 3- 94

+235 St Michael, mainland opposite island
leaves (?)

Sept 5-94

+236 St Michael mainland opposite island
Salix glauca L. ~~*phylicoides* Anders.~~

Sept 5-94

+237 St. Michael, mainland opposite island
Betula glandulosa rotundifolia (Spach.) Regel.

Sept 5-94

+238 St Michael Island
Vaccinium uliginosum L.

Sept 8-94

~~239 St. Michael Island~~

~~Sept 8-94~~

✓⁺23

✓⁺23

✓^x23

✓^x23

✓^x23

~~23~~