



Hunt Institute for Botanical Documentation
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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.



De-Deke

Blue Lake
Mackinac Island
Lake Huron

Greenwood
Keweenaw

Northwestern University

1670 B. St. M.L.S.C.
Mr. H. H. Wood

center - 20 miles

H. B. Langille
Wood River

K422

Photos of C. S. Anderson
Blue House
Western Port Clouds
Arrow Head & Companion
Indian P. Mt.
Glacier Lake
Lantern Glacier
Blue Lake

Dr. J. H. Romig
Buttel Mission
Keweenaw

1076

1077
1078

1079

"Koolah" - a herb like with growing in
marshy margins of stream. Wine grows
like stems. Very good food plant

Dr. E. O. Campbell
St. Lawrence Island
Nome, Alaska

U.S. Customs Office,
Nome, Alaska

Mrs. Anetuk
Coogidlook
Esmetuk
Carlisle Indian School
Carlisle, Pa.

Dr. J. H. Gambell
Winfield, Iowa

W. C. Stevens
Kodiak, Alaska

Dr. J. C. Kooser (Anemone tuberosa)
Sitka, Alaska

Photo. E. W. Merrill
Sitka, Alaska

Gen. W. L. Disten
Sitka, Alaska

Trip C. Stowell with Mrs. R. P. Parkhurst.
365 - 12th St. Portland Or.

Dr. J. G. Simmons
Princeton, N. J.

Capt. C. Johnson
Hazardous Bay +
Port Moller (April) 1727 Union St. Alameda Cal.

C. L. Andrews. Dept. Coll. Plaster.
Skagway, Alaska.

A Archangelasky
Sitka, Alaska.

Edward S. Curtis - Davis Bldg.
709 2nd Ave. Seattle Wash.

January 1, 1900

(Boarding at Merwins - 917 Westminster St. Wash, D.C.)

R.M. At home. Eve. Called on Mr & Mrs. Jazwell. P.M. At Natl. Museum.

- 2 At Dept. Agr. Eve. Called on Mrs. Vernon Bailey.
- 3 Eve. at home
- 4
- 5 Geographic Soc. Lecture on Transvaal
- 6 Eve at home
- S. 7 Unit. Ch. - Afternoon to Hyattsville. Eve at home
- 8 Eve. at Library of Congress
- 9 Eve. Called on Mr & Mrs. G. F. Woods ^{Mrs. Chesnut}
- 10 " " " " " " ^{Eve. Jazwell}
- 11
- 12 To Geo. Soc. Lecture on Samoan Islands
- 13 To Biological Society.
- S. 14 To Prof. Cranin's Bible Class. Unit. Ch. also to Peoples Church in morning - P.M. Called on Mr & Mrs. Mallory. Eve at home.
- 15 Eve. at home.
- 16 " " - Answered letter from Flora about May S.
- 17 Mrs. Merwin very kindly gave me a birth day party. The guests were Mr. & Mrs. Rose. Miss Gannett and Mr. Lindenrich. Eve. Note to May S. having heard from Flora of her mother's death.
- 18 Eve. Called on Mr & Mrs. Bailey.

- 19 Called on Mrs. Gannett
- 20 Eve. at home.
- 21 To Friends meeting. - Afternoon to Zoo Eve. to Young Peoples Societies of Friends, Unitarian, Universalist & Peoples Churches, at Friends meeting home
- 22 Called on Mr. & Mrs. Bailey.
- 23 To University Extension meeting at Columbian College in Eve. M.V.S. married.
- 24 Eve. Called on Mrs. Eastwood. Mt. Pleasant
- 25 Received letter from and wrote to M.V.S. Eve. at home.
- 26 Eve. to Geog. Lecture on Filipinas by D.C. Worcester.
- 27 Eve. at home.
- 28 P.M. Unit. Ch. Bible Class & Peoples Ch. P.M. Jaz - Eve. Unit. Ch.
- 29 Eve. to meeting of Audubon Society with Mrs. Chesnut -
- 30 Eve. to Newboys home with Mr. & Mrs. Bailey and Miss Pollock.
- 31 Eve. at home.

much Mr. G. Wood died this day.

February

- 1 Eve. at home
- 2 To Geog. Soc. lecture by Mr. Frank Russell on the Great Slave Lake and Mackenzie River Country.
- 3 Learned today that my work for next summer will be in Alaska.
Eve. at home
- 4 To Prof. Coan's Bible Class at Unit. Ch. 9 A.M. To Secular League P.M. Address by Dr. Crockett on the "Sin of Human Motives".
Eve. at home
- 5 Eve. Called on Mr. & Mrs. Tagwell
- 6 Eve. Called on Mr. & Mrs. Rose
- 7 Eve. Called on Mr. & Mrs. Chesnut
- 8 Eve. To lecture by Mr. Linville on "Adaptations of Plants to local conditions," at Central High School
- 9 Eve. with Mrs. Merwin to Geog. Soc. lecture on the Yangtze River by Mr. Barclay Parsons C.E.
- 10 Eve. at home.
- 11 To Prof. Coan's Bible Class
- 12 Eve. Called on Mr. & Mrs. Bailey
- 13 Eve. to lecture on Alaska by Mr. Brady
- 14 Eve. Called on Mrs. Gannett
- 15 Eve. Called on Mr. & Mrs. Tagwell
- 16 Eve. To Geog. Soc. lecture on Bubonic Plague by Surgeon Gen. Sternberg.
- 17 Wilfred Andrews arrived at 7:30 P.M.
Eve. at home.
- 18 Morning to Congl Church with Fred.

- 18 P.M. to Covoca Gallery -
Eve. to Ch. of the Epiphany.
- 19 Eve. to Congressional Library with Fred.
- 20 Eve. to "Halls of the Ancients."
- 21 Eve. to Lafayette Opera House - "Shuttle Lark"
- 22 Eve. to Coleridge Statue. A.M. to Gov.
P.M. to Cabin John and Arlington.
- 23 Eve. to Geog. Soc. lecture on Bolivia
- 24 8:15 A.M. Fred Andrews left for home.
Eve. Called on Mrs. Mrs. Tagwell
- 25 A.M. to Prof. Coan's Class. Eve. to Ch.
- 26 Eve. Called on Mr. Rose.
- 27 Eve. Called on Mrs. Lighter
- 28 Eve. at home

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March 1

- 1 Eve. Called on Mr & Mrs. A. J. Woods.
- 2 - Called on Mr. & Mrs. Bailey
- 3 - Called on Mr & Mrs. Chestnut.
Dined with them.
- 4 A.M. to Prof. Craven's Class. P.M. Called
on Mr. & Mrs. Mallory. Eve. to Unit. Ch.
- 5 Eve. Called on Mrs. Rose.
- 6 Eve. Called on Mr & Mrs. Steel.
- 7 A.M. Passes for Oregon received.
Moument set up on cemetery
Eve. Packing for Oregon trip.
- 8 Eve. Called on Mr & Mrs. Taggart
- 9 Left Washington on B & O R.R.
at 10:35^{AM} for Chicago. Daylight
to Pittsburg.
Arrived at Chicago 9 A.M. Some
snow here. Called on Wallie,
Walker Collett, Fred Chomelaid.
Afternoon went out to Uncle Benkers.
- 11 Went with Flora to Jordan Baptist
Church. Dinner by Mrs. Dr. Thomas.
Took dinner with Wallie & Ella
Eve. to Pres. Ch. with Flora.
- 12 A.M. - Went down town. P.M. Called
on Mrs. Comfort. Left for Portland
at 6:30 P.M. on C. & N.W. train.
- 13 Council Bluffs at 7:30 A.M. - Potter held
at 7:00 P.M. Mr. & Mrs. Worshup and
children on train, wrote to Mrs.
Leighton. Sent Geo. Sex. ticket No.
412 to her.

- 14 Green River Wyo. to Shoshone, Idaho,
by daylight. Mr. Dygest on train
from Procellito -
- 15 La Grande to Portland by daylight.
Arr. at Portland 6:45 P.M. on time. Met
at Station by Flew. May, Nellie & Sidney.
- 16 Son born in morning. at home afternoon.
- 17 At home all day - Baby a-phi-folic drawing
Eve. at father's.
- 18 To Unit. Ch. Mr. Lord preached -
Called on Nellie and Will & Ella.
Eve. at home - Mr. Gorman called.
- 19 Day at home. Eve. Called on Mr & Mrs.
Eliot.
- 20 P.M. to Hood River. Eve. Called on Mr.
& Mrs. Langell
- 21 Along Hood River to foot bridge. On to
Portland. Eve. at home.
- 22 Eve. Called on Miss Mac Connell
- 23 Eve. with father & mother
- 24 Eve. at home.
- 25 To Church. Dined (with Sidney) at
Dr. Eliot's. Eve. at home.
- 26 Went to Gladstone Park. Eve. Called
on Mr & Mrs. Gillette.
- 27 Eve. with father & mother. Fortieth
anniversary of their wedding.
- 28 To Clatsop & return. Found a willow
Myrica gale and Ulex wroppers in
flower. the latter at Astoria. At home 10 P.M.
- 29 Eve. at home. 30th Eve. called on the
Misses Crocker. 31st Eve. at home.

Apr. 1-

- 1 To Mt. Ch. A.M. - P.M. Called on Mr. & Mrs. Woodward with Sidney. Eve. with father & mother -
- 2 To the Dalles on 3:45 P.M. train. Met Mr. Henry north at Unmatilla House
- 3 Botany along Columbia R. and Mill Creek. Returned to Portland on 3 P.M. train. Eve at home.
- 4 At home. Eve with father and mother.
- 5 P.M. Took 3:45 train to Des Chutes. Night at J.J. Millers.
- 6 Went up the Des Chutes River about three miles. Found *Clethra reticulata*, *Rhus glabra* and *Ribes cereum*, *Ribes aurum*, *Ribes cereum* (one best), *Betula occidentalis*, *Alnus oblongifolia*, *Amelanchier* a *Philadelphus*, *Rhus diversiloba*. Several willows -
- at home 11:30 P.M. train 4 hrs. late
- 7 At home - Eve. Called on father & mother
- 8 To Mt. Church A.M. with Sidney. P.M. a Eve. at home -
- 9 At home. Eve. Called on Mr. & Mrs. Lord
- 10 To Astoria and Morrison. Found *Ribes caxiflorum* and *Vaccinium ovalifolium* in flower. Return same Eve.
- 11 At home. Eve with May & Theo. to hear Padernewski.
- 12 At home. Eve. called on Miss Montague
- 13 To Orwigs with father. Found *Ribes*

grandis in flower. Also *Ribes hactatum*, *Lonicera involucrata*, *Sambucus racemosa*, *Rubus spectabilis*. Eve to Church

14 at home.

15 To Church. Peter. Family gathering and dinner at Wells.

16 at home. Eve. called on Dr. & Mrs. Eliot.

17 A.M. to auction sale of First St. Terrace property. Bought Block E. for \$250⁰⁰ also undivided 1/2 interest in lots 4-5 and fractional lots 2 & 3 in block L. for \$250⁰⁰ Sale subject to confirmation of court.

P.M. to Dalles.

18 From Dalles to Lygh Valley, 30 miles and from Lygh Valley to Sherars Bridge, 8 miles. Found *Ribes irriguum* in flower at Lygh.

19 up at 3 A.M. and by stage to Dalles. P.M. train to Portland. Home at 9 P.M.

20 At home. Eve with father and mother

21 At home.

22 Sunday. At home. Eve with father & mother

23 To Troutdale. Found *Viburnum ellipticum*, *Arctostaphylos uva-ursi*. and plenty of *Pyrus bicoloris*. *Pinus Murrayana* also here.

24 At home. P.M. shopping. Eve. left on boat for Astoria.

- Apr. 25. A.M. from Astoria to Clatsop.
P.M. & Eve back to Portland. Found
Picea sitchensis in flower.
- 26 at home. Eve. with father & mother
- 27 " "
- 28 A.M. at home. P.M. at 2 o'clock
started with excursion up the
Columbia. Party of 21 including
Mr. Gorman, Frank Drake & Col.
Hawkins. Night at Bridal Veil
Slept with Col. Hawkins.
- Sun. 29 To Oreanta, Multnomah and
return to Portland at 9 P.M.
Weather fine and scenery at best.
- 30 at home. Eve. called at Dr. Elletts
at home.

- May 1 At home. P.M. down town. Called at S & O's
on Thompson & Traler. Eve at home
- 2 at home. Eve with mother
- 3 To Bridal Veil & Lumber Camp.
night at Bridal Veil.
- 4 To Portland in morning. P.M. down town
Eve at home.
- 5 A.M. at home. P.M. down town. Eve at Willb's
- 6 At home. P.M. called on father & mother
- 7 A.M. at home. P.M. down town
- 8 A.M. down town. P.M. at home. Left
Portland on 11:30 P.M. train for Seattle.
- 9 Arr. Seattle 7:30 A.M. - Rainier Grand Hotel
Called on Mr. Curtis & attended to transportation
matter. P.M. called on Mr. Royal and
took car ride to Lake Washington and
Queen Ann Hill. Rainy day.
- 10 Saw a little more of the city and
took another car line to Lake
Washington (Rainier Heights). At noon
took a walk along the docks with Mr.
Royal and afternoon called on Mrs.
Lichner-Bailey, 805 First Ave. W.
Queen Ann Hill. Left Seattle in
the eve. boat sailing at 10:30.
Stateroom No. 41. (Str. Colquhoun City)
Roommates are Mr. Geo. Seyton and
Mr. Beck who are going to Cooks
Inlet and the White River country
to take cunns - Rain and cloudy
weather unfavorable for night-sailing.

May 11 Arr. at Victoria 5:30 Am.

Took a walk to Houses of Parliament and town. Clean attractive place on low part of the island. Hills in distance and across the straits. Weather too cloudy for good views. Left V. at 7:30 Breakfast at 8. Rather a good looking lot of passengers. About 90 ^{people} ~~people~~ boat not overcrowded. - Islands with low hills. Through Active Pass at about 11 A.M. Gulf of Georgia from 10 to 20 miles wide. Mts. becoming higher and with some snow. Snow very fine and quite good about Texada Is. (1 to 5 P.M.) Clouds part break away afternoon. 2 whales seen. Enter narrows at Discovery Pass at about 7 P.M.

12- Cloudy - rather cold morning. Early morning enter Fitz Hugh Sound and leave it about 9:30. See a few midrain houses with Totempoles on Dimmy Island. Considerable dead timber in this vicinity but good young growth. At noon we enter Millbank Sound and have a glimpse of the ocean. The boat pitches and rolls a good deal in its swell but we are soon in the quiet water of the channel east of Princess Royal Island. This channel is

a mile or two wide with high rugged mountains on each side. Here we pass the U.S. Revenue Cutter Bear. The scenery is very grand through this, Finlayson Channel, and through Graham Reach, Trajans Reach and Johnsonville Channel east of Pitt Island. The water remains cloudy and darkness comes on before we pass Pitt Island.

13- Sunday morning. Still cold and cloudy with some rain. Arr. at Katchikan soon after 6 o'clock and remain about an hour. A few hours, mostly new, scattered along a hilly shore with high mts. rising close behind. After leaving we cross Behm Canal and enter Clarence Strait; both wide. Clouds are low and not much can be seen.

Arr. at St. Wrazzell at 1 P.M. The town is on a comparatively low part of the island near its north end. The approach with islands in the bay and surrounding mountains, many snow-capped is very beautiful. Clouds have lifted a little. Leave St. W. at 2:30 P.M. Tide is too low to allow of going through Wrazzell narrows so we go take the outer passage around Cape Decision Kuier Island. Rather rough going around the cape.

May 14. On awaking find ourselves in
Stephens Passage. Arrive at Junction at
9:30 A.M. Town of about 1500? at
the foot of a bold rocky mountain,
Bald Mt. 3500 ft. *Spiraea* and *Heuland*
at the base. Gray rock, gold and
purple with moss & low shrubs above.
Very beautiful in coloring in the morning
light. *Sambucus racemosa*. *Abies sinuata*
Ribes leuciflorum - *R. laevigatum*, *Rubus*
are common. Visit Bradwell mine
on Douglas Island afternoon. Leave
Douglas about 3:30 P.M. Scenery
along Lynn Canal is very grand
High Empire capped mountains and
many glaciers all along it. Many
of the mountains with very sharp
peaks. Longer days. On deck till
about 10:30 P.M. Arrive at Skagway
at 11:20.

May 15 Tues. Leave Skagway at 9:30 A.M.
Day promises to be fine but
soon becomes cloudy and rains come
at 1 P.M. Cold and wet on deck.
Arr. at Killisnoo at about 7 P.M.
Small Indian town with oil and general
factory & herby fisheries. Some gardens
with rhubarb & onions well advanced
Principal shrubs seen are *Ribes laevigatum*
& *leuciflorum*. *Echinopanax hirsutum*
Abies sinuata, *Asarum* & *Sambucus*

racemosa
May 16 Leave Killisnoo early in the
morning. Get up at about 5 A.M.
as we were nearing the entrance to
Beil Strait. Cloudy and cold
weather. Arrive at Sitka at 9 A.M.
On a beautiful island studded bay
surrounded by high timbered and
snow capped mountains. - Take a
room, and board at the Baranoff.
(Mrs. Mrs. Archangel'sky) Meet Mr.
Georgeson and his assistant Mr.
Rader. Mr. Georgeson leaves on
Cottage City with Mr. Jones for
Covey Gulch. Walk through the
town to the Mission, India River -
India Village, the Bradys Saw mill
etc.

May 17 Make the ascent of (25970 ft.)
Mt. Verstovoi to Mt. of the Cross
with Mr. Sexton and Mr. Beck.
Wet day - do not find very much
Empetrum nigrum. Arrive at the
colleyar - Mt. heavily timbered
to summit with much brush at
base. Some large trees. Alaska
cedar. Spruce and Hemlock -
18th make water color of Actinanth c.
Euc. Call on Mr. & Mrs. Stovell, and
find young Mrs. Stovell (Miss Rodley)
staying with them.

May 19. Drawing most of the day. Went through "The Ranch" (the Indian town) with Mrs. Stowell and Miss S. and to the island of Japanica with Mr. Rader.

20. To the Episcopal Ch. Bishop Rowe preached on prayer. P.M. went five miles up Indian River to mouth of Mill Creek with Mr. Rader. Dense woods with a great deal of underbrush. Spruce, Hemlock and Alaska Cedar. Some large Pine (*P. ponderosa*) in a bog about half way up. Two species of alder. (A sinuata & A. oregon?) the latter a large tree.

21. Drawing till 3 P.M. Then to the island of Japanica with Mr. Beck and Mr. Sexton. Walked around the island and found *Potentilla villosa* and *Dodecatheon*. Considerable *Pyrus rivularis* on islands and along coast. *Ribes bracteatum* and *Cassiope*.

22. At Apr. Bldg. Eve. Called with Mr. & Mrs. Stowell on Mrs. Knapp and Miss Patten.

23. At Apr. Bldg. Dinner and evening at the Stowells. Met Mr. & Mrs. Gurney. Mr. Dean also at dinner.

24. At Apr. Bldg. most of day. Walked around Swan Lake in the morning. Found some a few bushes of *Viburnum pauciflorum* & *Sorbus occidentalis* (?)

25. To Indian Point and bog in the morning. In the afternoon went with Mr. Rader to several of the harbor islands. Found *Calyptro borealis* and a dark purple lily *Fritillaria*.

26. At Apr. Bldg. Eve. Called at the Stowells.

27. To Greek Church in morning. Afternoon with Mr. Rader about four miles north of town on coast. Very rocky beach.

28. At Apr. Bldg. Eve. Called on Mr. Beck and Mr. Sexton.

29. At Apr. Bldg. Eve. Called on Miss Patten & Mrs. Knapp.

30. Memorial Day. At Apr. Bldg. most of day but went to memorial exercises at Mission Chapel at 10 A.M. Eve. Called at the Stowells.

31. "Steamer day" - Answered letters and got ready to leave for Japanica. Went on steamer about 10 P.M. The weather at Sitka during the last two weeks has been rainy most of the time. A few days with little or no rain. Sent drawing of *Calyptro borealis* to Mr. Coville.

June 1. The Cottage City left Sitka at about 5 A.M. The morning cloudy but clearing and the afternoon fair. I made a landing at Rodman Bay in the morning and at Killisnoo at about 1 P.M. Passed Bay Strait at 4 P.M. and had a pretty good view of some of the Fairweather Mts. (Mt. Crillon?) 100 miles distant. Had a wonderfully fine panorama of mountain views as we went around the head of Admiralty Is. Arr. June 2. 8:30 P.M. Went to Franklin Hotel.

2. After breakfast started for a walk up Gold Creek through Silver Bow Basin to the last mine. Find *Herzogiabum*, *Alnus serrata*, *Cornus pubescens*, *Schimum*, *Panicum* - *Salix sitchensis* & *S. cordata*? Returned to a point a little below the first mine and went up a wood road to its end. ^{very steep} The without a trail through the woods with a rapid little stream to the right. Glimpses of sky thru the trees at the left soon attract me in that direction and I find that these the ridge breaks

precipitously away to the Gold Creek valley a thousand feet below. Here there is a faint trail which I follow on up along the ridge with porcupine at left to the timber line. Above this there is much alder brush and the climbing is so bad that I return. Find *Betula* - along trail down near the road, make a drawing of this towards me.

3. In the morning walk up Gold Creek to the bridge and then down on the other side along a water ditch. Find *Romansoffia sitchensis* of which I commence a drawing.

4. Work in R. S. in the morning. Steamer *Alki* comes in about noon and I take a berth on her for Skagway. Delayed until midnight at Douglas. Climbed the hill back of Douglas to the mining ditch. Find a very pretty somewhat boggy meadow along this ditch. Find *Dodecatheon*? (a different species from that at Sitka) *Kalmia glauca* and a large yellow flowered *Ranunculus* plant in bloom. A good field for botanizing a little later. *Andromeda polifolia* also in flower.

Juniper is on Gastineau Channel
at the foot of a bold rocky mountain
(Mt. Juniper or Bald Mt. 4000 ft.) to the
north that quite dwarfs the hill
on which the town is mainly built.
On the other side of the hill and between
it and the mountain is Gold Creek
a rapid little stream that runs
down between the high mountain
that shelter Silver Bow Basin.
There is little that is attractive
in the town itself. A cluster of
sheep frame buildings huddled
together along the narrow streets of
the scant building site and
extending on piles out over the
thin flat. A village of Spanish
Indians straggles along the hilly
shore and extends up to the
base of the steep wooded mountain
to the east, while another
little village of Arik Indians
lingers at the town on the other
side towards the mouth of Gold
Creek.

Mt. Juniper is very grand in form
and beautiful in coloring. Its base
is partly clothed by the sombre
green of spruce and hemlock
which sends up lines of stunted
and straggling to half way to the
summit. The alder and red berry

elder, cotton-wood, viburnum, sorbus
brink, willow, rhinopanax and
many minor shrubs enliven the
coloring and with their many tufts
of fresh and golden green reach up
over the purple and gray rocky
slopes to the snow banks above.
From these little streams and
water falls run down in silvery threads

The Channel here is about half a
mile wide. On the other side is
Douglas Island with its hills and
mountains rising as high but
not as abruptly as on the main
shore. Douglas is even less
attractive than Juniper but being
less crowded for a mile is stretched
out further along the shore.
At its farther end are the buildings
of the Bradwell mine.

The main shaft of the mine is in one
of the buildings on the hill side
and extends to a depth of 500 ft.
From it at different levels one
tunnel extending horizontally to
and under the pit. This last is
an irregular somewhat crescent
shaped hole in the hill side above
the buildings. Rock is blasted off
of its sides and broken up in it.
It descends through openings in the
bottom into the tunnels below

through which it is carried to the shaft and brought to the surface. The larger pieces are then crushed in a mill and it passes on carried to the stamps where it is ground into powder. There are 4500 stamps in the two large buildings and they mill about 2000 tons of ore a day. After leaving the stamps it goes to the concentrating machines where the sulfates are separated from the waste and made ready for shipment to the smelter at Tacoma.

5. Arrive at Skagway about 9 A.M. Afternoon goes up to the water reservoir and Dewey Lake. There is a little brushy meadow near the reservoir with Blue Violets, *Menyanthes*, and *Vaccinium vitis-idaea* in flower - also several willows. The lake has hilly shores timbered to the water. Spruce, Hemlock & Pine (*P. contorta*?)

6. Made drawings of willows, *Vaccinium* & *Saxifraga*.

7. Go over the White Pass R.R. as far as Log Cabin and walk back to Frasier, 4 miles from which place I take the train back. Make two

drawings of willows in the evening -

8. In room all day drawing mostly willows.
9. To Glacier on R.R. Get some more willows, birch and a little *Vaccinium* ^{oxidabile} in flower.

Sun. 10. In room drawing most of day. Towards evening take a walk for about 3 miles up the river.

11. Take the train over to Log Cabin and walk 4 miles down to Bennett East of the summit the descent to B. is gradual ^{mostly with moss} ^{with a few small} ^{in a country of long narrow} lakes and boggy valleys. It is partly covered with a scant growth of pine and fir (*P. mariana* & *P. lasiocarpa*) and there is much snow on the higher mountains. At B. the timber ^{which ceases} ^{high rocky mountains} ^{below the long narrow Lake B. at the} ^{upper end of which the little town is} ^{situated.} It is a town of thatched with a few slab wood and corrugated iron buildings & log houses. There are many saloons with hotel and "joint" attached. The toughest place I have seen.

12. There are a few trees of *Picea canadensis* along the lake. Find *Maianthemum alpinum* but little else that I care for. Several willows in fruit.

Back in Skagway at 7 P.M.

13. In room all day drawing.

14.

15. Take train to Tunnel and walk

back on trail across valley to
Henry and then along R.R. track to
Chilton.

16 In noon all day - drawing

Jan 17 In noon most of day drawing a little
and writing letters.

Skagway is the gateway to the
Klondike. It is a town of shacks
and shanties scattered about
among the stumps of a level
and now almost treeless valley.
All about are high mountains
the lower rocky slopes and
terraces of which are partly
covered with trees and the upper
with snow. The valley is the

narrow gravelly bed of an ancient
glacier and is continuous with
one of the arms of Lynn Canal
itself also narrow and shut in
by high mountains and one

of the most from my scenic water-
ways in Alaska. ^{The water rising here goes up and down the valley}

mountains as seen from the town
are not particularly interesting.

It is a place in which to "look up
and not down" for high over

them among the clouds are
a few snowy pinnacles in

celestial tents of silver and pearl.

It is hard to find any adjectives
for them as they appear in

certain effects of light, but there is
nothing else celestial in sight at
Skagway and they are seen at
much better advantage from several
places along the White Pass and
Yukon R.R. of which Skagway is
very proud. The railroad runs

for several miles up the valley
and then winds along precipitous
rocky mountain sides with
deep canyons below and high
mountains above. For 20 miles
to White Pass the scenery is very
grand and rugged. East of the
summit the descent of about 20

miles to Bennett is gradual over
a country of rocky hills and

boggy valleys with a sprinkling
of long narrow lakes. A bare

desolate country rather than one
of beauty tho' not without a

certain wild beauty of its own.

The valleys and lower slopes of
the mountains are partly covered

with a scant growth of small
pine and fir and there is much

snow on the high mountains.

At Bennett passengers for the
Yukon change cars for steamer.

The town is at the upper end
of Lake Bennett a long narrow
lake shut in by high almost

barren mountains of rock. It is a town of tents with a few slab wood and corrugated iron buildings and is about the rockiest town I have ever seen. It seems to be the place where the last rays of civilization are thrown off and the animal allowed to reign supreme.

It is now 10:30 P.M. and this is written at the window by "day light".

18. Went up to White Pass, and found *Salix reticulata* and another prostrate willow.
19. Draining until about noon. Then to steamer *Cottage City* and took berth to Sitka. Left at 1 P.M. Steamer called at Chilcoot at end of Chilcoot Inlet. Sailed from there at about 5 P.M.
20. Arrive at about 5 A.M. and find the boat in Glacier Bay 6 or 8 miles from Rainier Glacier. Are unable to get any nearer on account of the great quantity of floating ice. Cloudy morning but after leaving have a good view of the Mt. Fairweather range from Jay Strait. Arrive at Killisnoo soon after noon and remain there until two o'clock next morning.

21 Arrive at Sitka at about 8 A.M. Botanize a little in the bog afternoon and make a drawing of *Asperoccus oxyceus* -

22 Go up Indian River about 2 miles to bog for *Kalmia glauca*.

23 At Apr. Bluff A.M. Afternoon go up Indian River on S side and along beach to Naval Reserve water trough.

Sun. 24 To Columbian Island and at Apr. Bluff.

25 With Mr. Patten to Blue Lake and Panda Basin. Leave wharf at 8:30 A.M. and row six miles to Sawmill Creek landing on Silver Bay. Saw several whales and a good many porpoises in Silver Bay. There is a pretty good road to Blue Lake, distance 2 miles. The lake is about 2 miles long and $3/4$ broad, surrounded by high mountains and very beautiful. At the upper end of the lake there are some cabins and a road leading on up the basin which is a small level valley with large spruce and hemlock trees and a good deal of Salmon Berry Bush and Devil's Club. Find

- Populus trichocarpa* at upper end of lake. Also *Salix minima*.
 Go about 2 miles up the wash crossing a boggy hill on the way. Back to town at 11 P.M.
- 26 At Apr. Bldg. Steamer City of Ilopeska arrives in the evening.
- 27 At Apr. Bldg. all day.
28. Climbed Mt. Verstorok with party consisting of Mr. + Miss Patton a two P. boys, two other boys, Mr. Rader, Mr. McHair, Miss Stowell, Miss Shaw, + Miss Shields.
- 29 at Apr. Bldg. Eve. called on Mrs. Milkis and Mrs. Rowe.
- 30 To Deer Bay on steam launch with Mr. Rader. Mr. Patton and "Mickey". Climbed to Stewart mine and the mountain above it. Found *Cladotamnus pyrolifera* in flower.

- July 1. At Apr. Bldg. most of day. Made drawing of *Cladotamnus* sp.
2. At Apr. Bldg. Eve. Called on the Stowells.
3. Botanical in bog above Sitter. P.M. at Apr. Bldg.
- Wed. 4 Drawing in the morning. Attended the celebration in the afternoon. There were canoe races, foot races, pole climbing etc. and the town daily decorated with flags and evergreens.
5. To Japovnsky and at Apr. Bldg. Excelsior arrived at 6 P.M. and staid about an hour. Left Sitter on the Apr. Railroad at 10 P.M. passed through Salishmy Sound into the ocean.
- 6 This morning was beautifully clear and we had a fine view of the Fair weather range, but clouds have been gathered about the mountains, and tho' morning Yakutat we have not yet had sight of Mt. St. Elias. Arr. at Yakutat at about 6 P.M. and made a 2 hour stop. It is a little Indian settlement of about 20 houses. There is a missionary and white storekeeper. The Indian were ^{not} away selling. There is quite a large strip of level country, about

Yakutat timber with spruce and hemlock.

7. Today has been a cloudy day but calm at sea. Mt. St. Elias not seen. Passed Cape St. Elias at about 2 P.M. and called at Hutchek at about 6, and arrived at Orca at midnight. Sun set at about 9:45. The Excelsior staid until about 11 A.M. 8th

Sun. 8. Transfer to the Newport and lay in harbor all day. There is a P.S.W. Co's Cannery at Orca and about 5 that is all. The buildings are at the foot of a high mountain timbered with spruce and hemlock at the base. There is Salmo berry, Devil's club and alder but see nothing that I have not seen at Sitka. Leave Orca at 7 P.M. Day and evening cloudy.

9. Cloudy day, calm sea. Early in the morning we come out of a channel between two islands west of Montage Island and spend the day off the Kenai peninsula. The coast scenery is much the same as that of S.E. Alaska, but with less timber on the mts. and the geological formation is different. In the afternoon passed some rocks with many sea-lions on them. Reached Cape Elizabeth about 10 P.M.

10. In the morning we are in Cooks Inlet above Homer. It is cloudy and nothing

can be seen but the low western shore line of the Kenai peninsula. About noon the clouds lift a little in the N.W. and we have fine glimpses of grand mountain scenery in that direction. Arrive at Kenai at about 1 P.M. There is a good deal of low land and good soil about Kenai and on the peninsula. Botanyzed a little and found many of the same things as between Skagway and Bennett: *Picea canadensis*, *Betula papyrifera*? + *glandulosa*? *Populus trichocarpa*? and *trunculoides*. *Ulmus*? several willows. The red currant and red raspberry are here, and both forms of the black currant (*R. laxiflorum*), as above Skagway. Called on Mr. Nielsen at the Apr. St. Station. He is a stout hardworking Scandinavian and has formed a pretty good opinion as to the April possibility of Cooks Inlet. He chief difficulty seems to be with summer frosts.

There is a great deal of clear weather both in summer and winter, the yearly rainfall being only about 12 or 14 inches. There is good soil and a good deal of native grass. Kenai is a little town of about 100 permanent inhabitants. The only school is conducted by the Russian priests. They pretend to teach English but cannot speak it themselves. One at a little town 30 miles away said to Mr. Nielsen "teach what I save - no save no teach." The present priest at Kenai is said to be an

good man, but the last one mortgaged the church for 250⁰⁰ and lost the money playing poker.

The population of Kenia is more than doubled in the summer by the Cannery men and Chinese who come up from S. F. The town is a mile or so from the wharf and cannery and consists of a few little log buildings and the Greek Church. The people are mostly mixed Russian and Indians.

Towards evening the clouds settled into a fog.

- 11 Left Kenia at about 2 A.M. The fog cleared away at about 7 A.M. and gave us a fine view of the volcanoes, not now active, Adiana and Redoubt. At Homer between 11 & 12 A.M. and found the Expedition there. There are two pair sized houses at Homer and eight or ten little buildings. It is at the end of a sand spit two miles long. There is nothing of interest at Homer but the scenery all about the bay is fine. On the east are mts. resembling those of Baranoff Island but with fewer trees. On the north is a comparatively level table land 600 & 800 feet high breaking off in some places in bluffs to the shore and in others in gentle slopes. There are coal mines on the hills 700 & 800 miles from Homer and a railroad is

now being built to them. Called at Saldovia at about 2:30. It is a very picturesque spot on the south shore of Kachemak Bay.

There is a store of the N. A. C. Co. and a few Indian houses, some with thatched roofs. Passed Cape Elizabeth at about 6 P.M. Cloudy evening. Wind from East but not rough.

- 12 Arrived at Kodiak at 6 A.M. Kodiak is a little town of about 400 inhabitants, the natives of mixed Alutic and Russian stock. It is the headquarters of the Alaska Commercial Co. and, except Sitka, it is the neatest and prettiest town that I have seen in Alaska. Made arrangements to have work and board at headquarters of A.C. Co. with Mr. Lohs and Mr & Mrs. Stevens. Other boarders are Ralph Stevens, Mr. Bailey and Dr. Schreiner. Raining day. Started drawing of *Rhododendron kaniaticum*.

13 Finished drawing and began another of *Juncus setosus*. Raining day.

14 At home drawing. Raining day.

Sun. 15 To Greek Church in the morning, and at home most of the day. Raining day.

16 Made drawing of blue bells. Fair day.

17 Drawing willows. Raining day.

18 " " Cloudy day.

Sat. Took my first ride in a bidarka with two Alutic boys.

- 19 - Rainy day. drawing willows
 20 Cloudy day. " birches etc.
 21 Fair day. Climbed Mt. Kodiac.
 Sun. 22 Clear day. Drawing all day.
 23 Clear day. Climbed Mt. Kodiac

The only trees that I have noticed here are *Picea canadensis* and *Populus trichocarpa*. There are several willows but none become trees. The principal shrubs are *Alnus incana*, *Sambucus racemosa*, *Betula*, 2 or 3 species, *Echinopanax laevigatum* (in canyon and in woods), *Myrica gale*, *Vaccinium ovalifolium* (also *V. vitis-idaea* & *ovoides*?)
Physalis *Lamium* *Rosa* *Empetrum*
Rubus *Sempervivum* *Arctostaphylos*
uva-ursi

- 24 At home. Made drawings of *Orchis aristata* and *Trigonotis subulata*.
 25 Made drawing of *Myriophala polycephala*
 26 " " *Pipilo*? and added
 27 another P. and *Monarda uniflora* to it
 28 At home most of day drawing. The Newport came in early this morning on its way east and the Route was here yesterday.
 Sun. 29 At home in the morning. Climbed Mt. Kodiac afternoon. Fair day.

- 30 Steamer Portland from St. Michael to S.F. arrived early this morning and left at noon. At home most of day drawing willows etc. Clear day.
 31 Showery day. Botanized in bog etc. and made drawings of the fruit of several little shrubs.

- Aug. 1 Climbed Mt. Kodiac and followed the ridge back about four miles. Found nothing that I could not have got nearer town. The ridge is open but rather broken by cross ridges and the walking on the soft moss is not very easy. Found nothing that I had not seen before nearer town.
 2 At home, made drawing of composites }
 3 " " " " " " " " }
 4 Botanized a little. " " " " " " }
 Sun. 5 At home most of day.
 6 At home in the morning. After noon nine of us went up to Finney's ranch (6 miles) for fish. Mr. Carlsson of the fox island (Larg Island) took us up in his little steamer launch. There were four natives with him and Mr. & Mrs. Stevens. Mr. Cannon and myself went to see the fish.

In addition to the launch we had three dorys and a row boat. The dorys were our fish baskets. The Salmon have been plentiful about K. this summer. Sometimes we can see schools of them about the docks and almost any time we can see them jumping, but I had never seen so many, so we found about the mouth of the little river at Simons' ranch. They were continually jumping and I think it would be safe to say that more than a hundred could be seen in the air at once. In places they were crowded along close to the shore and thousands of fins and tails could be seen sticking out of the water. In a few minutes after we landed, we had the seine out and were tugging away at the load of fish, and in two hours we had the three dorys full. Mr. Carlson estimated the catch at over four thousand and many had to be left for lack of boats to put them in. The seine was not a large one and I believe that had it been and we had means to haul it in we might have caught 10000 salmon.

7. Foggy day, rain at eve. Took a walk along the beach before noon for "Jacob's Saddle" and made a drawing of it after noon.
8. Foggy morning. Went to Wood Island alone afternoon. (2 miles) and called on Mrs. Col and Miss Denniston. Rather rough and windy near Wood Island. Eve. Called on Mr. Fisher and got Russian and Alutic names for plants.
9. Newport due but does not arrive. Made several drawings of "islands & cove" - Raining day.
10. Clear day. Made two landscape sketches to low backgrounds for Mrs. + Rhoda's drawings.
11. The Newport arrives, but as she will have only two days at Unalaska I conclude not to go. - Raining day.
- Sun. 12 - At home - Raining day.
13. " " Fair " " Vaccinated today.
14. " " Clear A.M. Rain eve.
15. " " Cloudy and very windy. Two schooners the Lydia and St. Paul came in last night from sea otter hunting, the first with 39 otter skins and the other with 11. The natives are outfitted by the company for hunting and are paid 150⁰⁰ for first class skins. About 800⁰⁰ in least paid out today to the first party and 1200 of it

taken back at the store, there has been some drunkenness among the natives but not more than one would expect with a saloon in town. They are said to drink Bay Rum Florida water and Glenyng Extract but there is no more drunkenness among the than among the white.

16- 9. M. at house - Botanized afternoon.

17 To English Bay 9 miles in a hideaway with two Alutians! Got the Alutian names

for the following plants from them

- Betula dwarf - (e rock ah gich) at
 Populus trichocarpa (Chéakoo)
 Vaccinium vitis idaea (kenuck tock) kenuck
 Bryocarpus (too twoy ock)
 Salix pedunculata (Alloua) (och e ock bold)
 Sambucus racemosa (too chick)
 Alnus sinuata (öch which) Alloua
 Viburnum pauciflorum (äm noch shock)
 Potentilla villosa (i-e cock)
 Iris setosa (nen shag wock)
 Willow (öch wick) and (ne many ock) W. S.
 Spruce (näp' pö)
 Betula (true) (ling oot)
 Vaccinium ^{alpinum} ~~occidentale~~ (toch' hick)
 Manisuris alpina (kalngäm äts ä)
 Campanula (tik wöck)
 Rubus spectabilis (äläg nöck) äl ägä nöck
 Fragilaria (lää gock) (lää chock)
 Cypripedium (o-ken loom-ing pluk)
 Rose (she pink ock)

Chrysanthemum - ^{le} ke näch wäk
 (kip chlea) pl. kip chleok

Chamenerion ^{with} (oy' leas) (chick kock)

Nymphalora eye brows (kä wi uk)
 (ki o yock)

Myosotis (kol geck' nä keit)

Sedum p. (Kodiak) - I yuck - pl. Date

- to lay down - plural e nok ah git.
 " " ché koot
 to mash: " " ken uch tat
 stem " " kov twoy at
 " " och e ock bold
 " " too chick kodat
 (General name for shrub at Kodiak) öch - whit
 " " äm noch shot

Adapted from Russian - nose shif = knife
 semelwino nose nit soch wöck = nose nit - einvon

- tree - Kodiak näb bräk pl. näb brät
 hard wood plural ling oot, kodat
 blue " " tä äts häit
 hawms berry " " kalngäm äts shätt
 " " tik wöck
 " " äläg nöck ho dat
 to die - " " ää gock shot
 o ken tem ing wa " " öku tit ingl wit
 (Russian = she för nit) " " she fish nit

(din)

<i>Abies sinuata</i>	tochak' lien (Kodiak)
<i>Echinopanax horridum</i>	choo gula nook poek
<i>Oxycoceus</i>	po-twi-est
<i>Rubus pedatus</i>	po-yo go nit
<i>Rubus</i> (maruoshka)	ash ah quick
<i>Cornus canadensis</i>	llench to nech
<i>Pyrus</i> (at Mutchik)	llu qu' luk pik
<i>Maianthemum alpinum</i> at Mutchik - Abalnam-puk-ga	

pick	pl. tochak' heit et
thony stick	choo gula nook pit
an oak	po-twoy ock

"scratching" berry from method of gathering.

The above names were revised and some obtained from Mrs. Fisher of Kodiak.

28 - In the night we had a strong head wind and were tossed about a good deal. Morning cloudy with a drizzling rain. Windy but calm when we arrived at Valdez about 10:30. Valdez is at the head of Prince William Sound, which is here 4 to 6 miles wide and all surrounded by high rugged mountains. Left Valdez at noon, arrived at Orca at about 8 P.M. Dismal cloudy sky but calm sea. The route is by an inland passage with outside rugged mts. on both sides.

29 - We lay at Orca all night and took on coal in the morning. Left about noon and called at Nutchick about 7:30 P.M. but the surf was running too high to land the mail. Looked as tho' we would have a bad night but the wind lessened and save for the heavy swell, which made the little steamer roll a good deal, it was not bad.

30 - In the morning we passed Cape St. Elias. Cloudy day. A bit of Mt. St. Elias seen thro' the clouds afternoon.

31 - Early this morning we arrived at Yakutat. Went ashore and bought a few curies. Left at 8 A.M. Beautiful day. Had fine views of St. Elias and its range but the lower parts of the mountains were hidden by clouds.

The view improved and was very good before the mountain was entirely hidden by the clouds. Pretty good views of the mts. of the Fairweather range but they were nearly hidden by clouds when we were nearest to them. Towards evening it was quite cloudy and a brisk head wind sprang up.

From a letter to Eddie Price written on this voyage.

Kodiak is as far west as I went this summer. I had hoped to go to Unalaska but found that it would take a week each way from Kodiak and that I would then have only two days there or would have to stay a month. I could not in the former case hope to do enough, or in the latter hope to find enough to do to justify spending so much time as I gave up going and half six weeks at Kodiak. If you look the little town up on the map you will find it on an island of the same name south of Cooks Inlet and probably under its old name St. Paul.

The August Century which was received there just before I left contains an article on this part of Alaska by John Burroughs and in it Kodiak is charmingly described. It is a town of about 500 people mostly of badly mixed stock in which the Russian and Aleut strains predominate. Its tidy log houses

many of which are boarded outside and painted white are in decided contrast to the shanties of Alaskan mining towns, but all is not as idyllic as first appearances or Mr. Burroughs' description might lead me to think. It is practically owned by the Alaska Commercial Company, a corporation of Jews who have for years made it their headquarters for the fur trade. There are however no Jews at Kodiak.

The Company's manager and the employees in important positions are Vermont men probably because a Vermont Yankee can out-track a Jew every time! They are I think strictly honest in the sense that they always keep their agreements with the natives, but, as the saying is, they are not there for their health! Their game is to outfit native sea otter and other hunters, keep them under obligation to the Company, pay a small price for furs and get most of that back at the Company's store by trade in goods on which a large profit is made. The Aleuts are a simple minded people who have no idea of the value of money. The Yankees are a simple minded people who have no idea of the value of anything else. Here was not one of the latter that I could persuade to climb a mountain or go out

of sight of the store with me. The manager said in speaking of a resident of the town who showed some interest in nature that he was a good for nothing who had come to the country collecting plants or on some such a "low proposition."

"Of much greater interest to me than the Yankees or half-breeds were the Aleuts. There are few if any true Aleuts at Kodiak, but a party of them from Ikiamna came in from a sea-otter hunting trip and we became good friends. They had their bidarkas with them and we took several trips together.

"I wonder if you know what a bidarkas is. In South eastern Alaska where timber is plentiful the native boat is the "dog out" canoe. In the interior the birch bark canoe is used. From Cooks Inlet to the south and west there are few trees the last of them being on the South east end of Kodiak Island. Dog out and birch bark canoes were not to be had and so the natives took what they had at hand and made the neatest and most graceful little water craft in the world. A very light frame work of slender pieces of drift wood tied together with sinew or cord and covered with seal skin or walrus ^{white whale (boobywa)} hide. That is the

hidarka. There are little openings in the top, just large enough to kneel or sit in, from one to three according to the number of persons the boat is intended to accommodate. The natives kneel as they paddle but the position is uncomfortable for one not trained to it. The little boats are easily upset and need balancing as carefully as a bicycle but there is no danger in a three hatch hidarka if you have two good native paddlers and sit still. On a hidarka of that kind I went one day with two of my Alut friends to a bay about 10 miles south of Kodiak and we climbed a mountain together. They could not speak a word of "Americansky" nor I of Alut, but you can have a jolly good time without talking if only you have congenial companions. I could talk to the Indians but we had nothing to talk about. With the Aluts I had something in common. Doubtless they thought we awkward and ill trained sitting there so stiffly in the middle hatch, most of the time without paddling, but they were polite enough to give no sign of it and I think they had something of a feeling of kinship with me as with a fellow barbarian.

It was a foggy morning. The fog had risen at Kodiak but being about a low stretch of land that lay near our course and for a while in passing it we were quite enveloped in the silver grey mist. The sun shone faintly through at our left. Opposite was the wood band of a colorless rain or fog bow. A wonderful soft glowing halo of light. My companions pointed at it with evident delight, and at the ^{noise} of a flock of white sea gulls as it arose expanding towards and above us for a bit of sandy beach barely seen thro' the mist. The whistle of wings, the splashing of water, the dipping of paddles, the purring and popping at the bow of our swift gliding little boat, the swish of the rbt and flow of water about under little rocky islets, and the shrill call of "divers" were sounds that added to the spell of mystery cast by the fog. But soon we were out in the sun light again with the deep blue sky and sea. We passed by low sandy beaches and green meadows and bold rocky promontories, and beyond these a hundred fresh green hills and snowy mountains were sharply defined in the clear air. A few miles more and we landed at the mouth of a little

stream and drew the hide-skin up on the tall marsh grass on the bank. Here we prepared for the climb. There was a level reach of marsh grass to wade thru, another little stream to ford and we were at the foot of a long gently sloping ridge that led up almost to the summit of the mountain. It was easy climbing except that for about two miles the grass and herbage was from knee to waist deep and dripping wet from the fog of the early morning.

Here were no trees, only clusters of alder brush to mark our way through or avoid if we could. My friends had the best of me in the bush, but I could and did lead them up the mountain, and tho' I hope I was as polite as they were I confess that I felt some satisfaction in having them behind me, and it was funny to see the grease run down their fat faces.

Now and then we stopped to pick huckleberries and malines the latter a large berry related to and something like the raspberruy. Part of the way we followed bear trails. We saw two foxes and a land otter, but did not get sight of any of the mountain bear that Kodiak

Island is famous for. I had heard that they are the largest bear in the world but that meant less to me than the sight of the hide of one that I afterwards had. I did not measure it and do not want to exaggerate so I will only say that it was not less than twelve feet long and was nearly as broad.

Kodiak has a wonderful wealth of wild flowers. Most of them have disappeared from the lower hill slopes by the middle of August and it was about that time. High up about the snow banks we found several that I had not seen before, and we came down with my collecting can full, the Aleuts with their hats gaily decorated.

Kodiak has another thing 'the largest in the world' of its kind, namely the salmon cannery at Karluk at the other end of the island. The great size of the head so that of the cannery is doubtless related to the great quantity of salmon found in the Kodiak waters. One day we went out, nine of us, on a little fishing excursion and caught over 4000 salmon from one to three feet long in two hours. But that is another story. This day as we crossed the little stream at the foot of the ridge

The natives picked three large salmon out of the water with their hands. The salmon were working their way up stream and the water was so shallow that they could not easily escape. On the way home we passed the mouth of the little river where we had seen the salmon jumping in the morning. We did not touch there this time as it was getting late but on another day when we were going by the same place in a bidarka we paddled slowly along through the great school of fish that extended for more than a mile along the same. In places there were thousands of fins and tails sticking out of the water. Sometimes we could feel them against the bottom of the bidarka and they made a great splashing in trying to get out of the way. One of the natives had his bow and arrows and indulged in a novel kind of fishing. At least it was novel to me. It was not difficult to hit a salmon but getting it afterwards was another matter. He did get one fine one tho' and I think the reason that he did not get more was that he was afraid of losing his arrows (as it

was he lost one) and perhaps he was afraid that I might get too excited and make some move that would capsize the boat. It was exciting. More so than when we caught the 4000 with a seine. That was stupid cold blood white man fishing, the kind that has almost exterminated the fine Chinook Salmon of the Columbia River and that will in a few years almost exterminate the here unless some way is found to strictly regulate it. They are caught only at their breeding time at the mouths of and in the streams that they ascend to spawn. The most important of these streams are occupied by canneries now. At Karibuk they have taken from 90000 to 100000 at one haul of the seine. We might have done the same if we had had a large enough seine and means to haul it in, but this has been an exceptionally good year for salmon.

Sept. 1. We had a rough sea last night with a strong head wind and heavy swell. We had a good shaking up and all on board were glad enough to round Cape Spencer and gain the shelter of Chicagoff Island as we did at about 9 A.M. Day rainy, cold and disagreeable, but comparatively calm in the inland water. Saw considerable floating ice in Bay Straits & Cross Sound.

Arrived at Julian at 11 P.M.

2. Went in the morning to Franklin Head. Very rainy day.

3. Fair day with some sunshines. In the morning went up the Silver Bow Basin road about 2 miles and got specimens of *Stelma pasyricoides* and *Cornus pubescens*. Made a drawing of the former afternoon.

On the Newport met Capt. C. Johnson of 1727 Union St. Alameda Cal.

He had spent the summer at Bristol Bay. He said that the natives there make the frames of their bidarkas of cottonwood, the strips being taken from next to the bark.

The bottoms are covered with white whale (balooqa) hide and the tops with seal skin. The men make the frames and the women do the covering.

They are made broader than in the western islands, a little broader than

at Kadiak, and according to definite measurements, as 2 spans deep, as broad as from elbow to elbow when the wrists are clasped in hands. In the narrow bidarkas of the west the natives sit while paddling, but it is difficult to paddle in that position in a broad bidarka. The natives are sometimes out in very rough weather and are very skillful in rapid streams and in the surf. When in the surf they keep the bidarka parallel with the breakers. Once Capt. Johnson had some natives as guides on his schooner. He was to leave them at a certain place but was prevented by bad weather. The natives were rather sea sick (not used to the motion of the schooner) and were anxious to leave in their bidarkas but they were twenty miles from shore and he thought they could not possibly survive such a sea. But they urged him to let them go and he finally consented, telling them that he did not expect to ever see them again. They got in their bidarkas with difficulty but one fell from the schooner and with their "camalinks" on they were all right, and cheerfully waved him good bye. The next year he saw them again and learned that they had

Have noticed the following trees
+ shrubs between Skagway and
Bennett

Pinus murrayana
Picea sitchensis
 " *canadensis*
Tsuga heterophylla
 " *pattonii* var. *hookeri*
Abies lasiocarpa
Juniperus nana
Populus trichocarpa
Salix malifolia
 " *nuttallii*
 " *sitchensis*
 " *barclayi*
 " *canescens*
 " *kadiacensis*
 " *minima*
 " *reticulata*
 " *serotinata*
 " *speciosa*
 " *stolonifera*
Betula *papyrifera* ?
 " *intermedia* ?
 " *nana* ?
Alnus *sinuata*
Ribes *lacustre*
 " *lasiiflorum*
 " *inorn*
 " *rubrum*

Skagway to Bennett

" " Tunnel
 " " Bennett
 " " Clifton Tunnel ?
 " " Tunnel to White Pass
 " " Clifton to Vista - Bennett ?
 " " White Pass, Terrace
 " " Clifton
 " " Glacier
 " "
 " "
 " " White Pass
 " " Glacier - White Pass
 " " Bennett
 " " Clifton, Vista.
 " " Lay Lake ?
 " " White Pass + Bennett ?
 " "
 " " White Pass
 " " Glacier White Pass
 " " Bennett

Spiraea betulifolia
Rubus strigosus
Saxifraga *not seen*
Dryas drummondii
Rosa
Sorbus sambucifolia
occidentalis

Andromeda *not seen*
Empetrum nigrum
Asar glabrum
Separgyrea canadensis
Cornus occidentalis
Salix *not seen*

Echinopanax laevigatum
Sambucus racemosa
Sedum prostratum
Menziesia ferruginea
Chamaecrista prostrata
Kalmia glauca
Phyllodoce glanduliflora

Cassiope mertensiana
stellariana

Andromeda polifolia
Arctostaphylos uva-ursi
Maianthemum alpinum

Vaccinium ovalifolium
occidentale
vitis idaea
carolinense ?

Skagway to White Pass

" " Glacier
 E. fork of Skagway river (Mr. Hendry)
 Clifton, White Pass, Vista
 Clifton
 " " Tunnel
 White Pass
 " " Bennett
 About 3 miles above Skagway.
 " " Clifton
 " " Glacier
 " " Tunnel
 " " Glacier
 " " Glacier - Dwyer Lake
 White Pass
 Clifton, White Pass, Vista
 White Pass
 Vista
 White Pass - Vista
 White Pass
 Clifton, White Pass
 Fraser - Vista
 White Pass, Vista, Bennett
 " " White Pass
 Clifton, White Pass
 White Pass
 Vista

Oryzopsis oregonus.

Viburnum pauciflorum

Clifton, Vista

Skagway to Tunnel

Distances from Skagway	Elevations
Shops 1.4 miles.	ft.
Anchor	358
Rocky Point	634
Clifton	894
Siding	1233
Heny	1485
Glacier	1869
Tunnel	2214
Switch Back	2613
White Pass	2885
Meadows	2875
Fraser	2765
Log Cabin	2916
Vista	2663
Bennett	2158

18. Rainy day. Steamer *Lucan* lays at dock all day.
19. Leave Skagway at about daylight. Arr. at Killisnook at 3 P.M. Cloudy day with some rain.
20. Leave Killisnook at about 5 A.M. Arr. at Sitka at 11 A.M. Take a room at the Baranoff. Walk to India River Park.
21. At hotel. Work on drawing of *Picea* s-
22. " " " "
- Sun 23. About noon. Walked to India River with Mr. Rader, and rowed to Japaski Island with him. Exc. to Pbs. Ch.
24. Botanized in bog and commenced drawing of *Picea canadensis*.
25. Worked on drawing of *Picea c.* & *Picea sitchensis*. Called on Mr. & Mrs. Georjesson at hotel A.M. To India River P.M. Worked on drawings of *Picea sitchensis*, *Menischnus* & *Streptopogon*?
27. Botanized in bog. Made drawing of moss. Took dinner with Mr. & Mrs. Georjesson.
28. Botanized along India River. Called on Miss Patten & Mrs. Brady.
29. Went to summit of Ustutoria with Paddy, a native, as guide.
- Sun 30. A.M. To Russian Church. Exc. called on Mr. Rader.

- Oct. 1. Botanized along India River & began drawing of mosses Liches - Exc. called on Mr. & Mrs. Stowell.
2. Finished drawing of Liches. Exc. called on Mr. Rader & Mr. & Mrs. Georjesson -
3. Walked out to India River A.M. Steamer Cottage City arrives at 1.30 P.M. Exc. called on Mrs. Stowell. Have made the following list of plants growing in the vicinity of Sitka with the Tlingit names for them. The names were mostly from Paddy, Rudolph, Rudolph's mother and Chief Clan Sacl.
- Letters pronounced as follows -
- | | |
|---------------|--------------|
| ä as in ay | a as in apt |
| o as in not | o as in no |
| oo as in cool | |
| ü as in up | ü as in duck |

Trees and Shrubs

Pinus contorta
 Picea sitchensis
 Tsuga heterophylla
 " pattonii var. hookeri
 Chamaecyparis nootkatensis
 Populus trichocarpa
 Salix sitchensis
 Alnus oregona
 " sinuata
 Ribes laxiflorum
 " brachyotum
 Rubus parviflorus (Padded word kü'ä'nee
 spectabilis (" " mut'ee
 Botrychium occidentale
 Pyrus sinularis
 Empetrum nigrum
 Echinopanax horridum
 Sedum prostratum
 Cladostemon pyrolaeiflorus
 Menziesia fernuginea
 Chamaecyparis procumbens (Some name as
 " chinensis var. idera
 Kalnia glauca Some name as Sedum g.
 Phyllocladus glanduliflora
 Cassiope mertensiana
 " atelleriana (Same name as for Empetrum
 Andromeda polifolia
 Vaccinium vitis idera
 " occidentale alijumum
 caspitum

Thingit names.

Fläth
 Seet = canoe
²ym or ²hem (Sükh Paddy) = edible inner (bark) inner
²Sükh (Paddy)
 K'longh (Paddy) K'lä ee (Rudolph)
 Jüke (Paddy) ²däke (Rudolph) = soft.
²jar'le = yellow
 Shä öckh = name refers to changing color of bark when
 Kä shih = wind makes "shishing" noise in leaves.
 Ken näh ²ook'
 Shärh = name refers to white bloom on berries.
 Chä öch (Paddy) J'ä öh (Rudolph) Kä a'nee
 Klä'ok (Paddy) Äh'noh'klä'ok (Rudolph) ²see =
 K'ü'leth (Paddy) ²see = bad smell
 K'ü'ch (Paddy) Koo'eh (Rudolph)
 Klück kü'tä (Paddy) Klück kü'tä (K's mother)
 Sükh't = needle.
 Sick shel teen = bitter or Sick shul teen inner
 Keet sun ²(Paddy)
 Keet sun or K'heet sun
 K'esh kü'ä'go (Paddy)
 Sick shel teen
²Sükh (Paddy) Same name as for Hemlock.
 K'heet'le (mut'ee seems to be always added.)
 Klück kü'tä or by some K'heet'le mut'ee
 Sick shel teen - same as for Kalnia & Sedum
 K'esh kü'ä'go
²see Koch'coo
 Klück c'oo'goo (See Koch'coo (Paddy))

Vaccinium parvifolium
ovalifolium
mem. bracteum
Oxycoccus oxycoccus
Sambucus racemosa
Viburnum pauciflorum

Trees & shrubs not native at Sitka
but for which the Iliuzits have names.
Thuja plicata
Betula papyrifera
Ber. glabrum
Rosa cinnamomea ? *mitkav*

Juniperus plants at Sitka
Fraxillaria kamtschaticensis
Streptopus *borneley* *not*
Symplocarpus fortidus ?
Urtica setosa (not native at Sitka) ?
Nymphara polysepala
Calypto borealis
Arcturanthus coleyer
Aquilegia formosa (carried as a charm against ber)
Spiraea ? (*herbaceous*)
Rubus pedatus
Fragaria chilensis
Potentilla villosa
Chamaenerion angustifolium
Geranium lanatum
Cornus canadensis

Klā kär tūn ^{if}
kā nā con nāh tāh'ee (nān nār con nāh tā'ye
būh dūp
pāpā nūp
Con nāh tāh'ee
Dāch
Yēalth^l
Kūch wā ōch

Flāch
āh tā gē
Kārkh'khā
Kin chā ee

Kooch
Sue kāi Kowé Kā ā kow ^{Paddy} Sue la kow kā ā kow ^{Rō} ^{mother}
Kātle wuk ki on'te Tūch lech nok ^{Cham. Jūh}
Khārtle
Yealt so quā
Kih tā gwāy kee (or kā Rō mother)
Yūn shū quā āchā (wild grease) Chidū ^{not}
Soch ki dok ro (Cham. Jūh) Kār gān ket lin nok ^{mother}
Kār gān ^{it la tin nok}
Kō chēal'ā ik nok ^{see next}
Kettle to ki josh'ee
Shūch
Yealth quāth kō (or hā Rudolpts mother)
Klū ch (Paddy) Kūch'kāich e noch eem ^{Cham}
Yān nār atē ^{Jūch}
Kā ā kā hech^lt

Moneses uniflora
Dodecatheon integrifolia ?
Mimulus longis diffusus
Campanula rotundifolia
Lentian
Chrysanthemum arcticum

Lichens, moss - ferns etc.
Artemisia *fulva* *leucophylla* *trifida* ?
Moss to grow with Kalmin
Ruin deer moss
Large "brake" fern - *Pteris*
delicatula
Prinsepia *sp.* *Lyopodium*
Polytrichum - *archaeanthes*

Flower or bud
Leaves or small herbaceous plant
Shrub
Grass
Berry
Medicine
Color -
tree

Mr. Sora has a article on Economic Botany
of S. E. Alaska in *Pittoria* Vol. 3 Part 14
1896. in which some Thlingit & Tainian words are given.

Kairlth ka shaw ee nok
Khart' ko phul sun' khu
Uealth koch oo
Kil klä yet' cän nok
Kär tool cheen'
Shuah teeck

äsh tä keesh'ee - (Täg äh keesh'ee (Könotör)
no. 369^a
Sich äh
Thür'ä kee she' (Paddy)
Toarch
Kwätle
Kö a Kän' *yeek* a
Yäach K'wät kee' (Paddy) See Polar Tiller above

Kä' ko shän
Kä yär nee or Kä ä nee
Wät see or mut see or mwät see

Klä ok
Nok
Nogoh co n'ä de ne güll
Ko

- 4 Left Sitka at 10:30 A.M. Landed Mr. Archangelakby + friend at entrance to Rodna Bay. Arr. at Killisnoo at 4:30 P.M. Clear day.
- 5 Leave Killisnoo at 1 A.M. Pass Glacier Bay at 8 A.M. and arrive at Cannery in Dundas Bay at about 9 A.M. Went with Dr. L. A. Bauer of the U.S. C & G. Survey to make magnetic observations. Left Dundas Bay at 4:30 P.M. at Juneau about midnight.
- 6 Early in the morning stopped at cannery at Snethisham. Left at 8:30 and entered Wrangell narrows at 3:15. Arrived at 5:30 to wait for tide.
- 7 Lay in Wrangell narrows all night. Left at 9 A.M. arrive at Pt. Wrangell at noon and stop one hour. Arr. at Setchikan at 9 P.M. and leave at 10. Stormy afternoon and night.
- 8 Pass Dixon's entrance in the night and are east of Pitt Island in the early morning. At Millbank Sound at 6 P.M. Very rainy day.
- 9 Cloudy day with a little sunshine. Passed Seymour Narrows at 11 A.M. and Active Pass at 8 P.M. Arr. Victoria about 11 P.M.
- 10 Arr. at Pt. Townsend early in the morning and lay in quarantine till 8 A.M.

- at dock till 9. Arr. at Seattle at 12:30 P.M.
Went to Hotel Seattle. Called on Mr. Curtis, ^{709-2nd St.} and got some of his Alaska photos.
- 11 Left Seattle at 12:20. Arr. Portland at 8:45 P.M. Was met at depot by May, Theodore and Father. We went at once to the "Marine House" and I found little bed room as sleep.
12. Down town A.M. Called on Mrs. Gorner + Mr. Montague.
13. Down town. Called on Nellie Knapp - Dr. Eliot + Miss Dawson. Took lunch with Will Eve at home.
14. Walked to church with Sidney. On the way home went with Flew. May + Wallace to Portland Heights and walked down home. Eve called on Will + Ella.
15. Worked at home most of day. Eve called on Mrs. Eliot + Mr. + Mrs. Lord.
16. at home.
17. at home most of day. Down town P.M. - Eve. to Social at Unit. Ch.
18. At home all day. Eve. called on father + mother.
19. At home. Eve. called on her. + Mrs. Tagwell -
20. A.M. - at home. P.M. to dentist. + to call on mother. Eve. at home.
21. A.M. to Unit. Ch. Took dinner with the Eliots + Mr. Page. Eve. with father, mother + Will's family.

Oct.

- 22 A.M. to dentist. P.M. at home
Eve. called on father & mother.
- 23 At home
- 24 at home
- 25 At home. P.M. to dentist
- 26 At home.
- 27 A.M. to dentist. P.M. & Eve. at home
- Sun. 28 A.M. at home. Eve. to hear Dr.
Kellogg at M.E. Ch. with father
and mother.
- 29 At home. Eve. called on Miss
Burnham with May.
- 30 A.M. to Post Office. P.M. at home
Eve. to call on Nellie with May &
Flo, then to Camera Club Exhibit
and to Rachel's room at Ch.
Sent Mr. Coville all of my specimens
of willows and the willow drawings
- 31 At home.

Nov.

- 1 at home. Eve. with May to see Nellie off.
- 2 At home. Eve. called on Mrs. Gandy
& Ella.
- 3 at home.
- Sun. 4 A.M. to Church. Dr. Eliot preached -
Eve. at home. Father and mother
to dinner. Dr. Eliot, Idemiatte
and Sam. called P.M.
- 5 At home
- 6 At home.
- 7 A.M. to Post Office to mail drawings
to Mr. Coville. Sent water colors
of Arctostaphylos, the Cassiopeas
Doris and Streptopus? Water color
drawings previously sent were
Lycopus (made) from Sister May 21
and the following from Koolik. Aug. 24
Salmon berry, Bluebells, Polmonaria
Pyrolas with wax flower, Romanoffia,
Columbine, and Cladostemonus.
- 8 At home
- 9 At home. Eve. called on the Crocker.
- 10 At home A.M. P.M. down town and Eve.
with father and mother.
- Sun. 11 A.M. Took a walk across Portland
heights to City Park with Col.
Hawkins. Afternoon to father where
we all took dinner. Eve. at home.
- 12 At home Eve. called on the Eliots & Soods.
- 13 At home P.M. Mrs. Gandy called
Mrs. Norman called
- 14 At home. Eve. called. Took dinner
-with Mr. & Mrs. Jaquell

- Nov. 15 At home.
- 16 At home. Eve. Called on Miss MacCombs.
- 17 At home. Eve. Dinner with father.
- Sun. 18 A.M. to church. P.M. + Eve. At home.
- 19 A.M. at home. P.M. To have Sidneys
Eyes examined by Dr. W. L. Wood
- 20 At home
- 21 At home
- 22 At home. Eve. Called on Miss Montague
and Mrs. + Mrs. Lamer.
- 23 At home. Eve. with boy to call on
Miss Constance Stowell and then to
Exhibit of Sketch Club at Library.
- 24 At home. P.M. down town. Dinner
with father + mother
- 25 At home. P.M. Eve. at home.
- 26 At home. Eve. with mother.
- 27 At home. Eve. to lecture by Mr.
J. C. Torrey on Art.
- 28 At home!
- 29 Thanks giving day. A.M. at home.
P.M. with father + mother.
- 30 At home. Eve. Called on Mr. + Mrs.
Jagwell and Mr. + Mrs. Allen the latter
not at home.

- Dec 1. A.M. at home. P.M. to see Mr. Torrey
and his pictures at Hotel Portland.
Eve. with father + mother.
- Sun. 2 At home.
- 3 At home. Eve. Called on Mr. + Mrs.
Lod.
- 4 At home.
- 5 At home. Received notice today of
advance of salary to \$14.00 -
- 6 at home
- 7 At home. Eve. to meeting of John
Burroughs Bird Society at Unit. Ch.
Trinity addressed by Mr. Anthony.
- 8 At home till 3 P.M. Down town and
called on Mr. Torrey. Dinner and Eve
with father + mother.
- Sun. 9 A.M. to Unit. Church with Sidneys
and from there to Wells where
we took dinner. Eve. at home.
- 10 at home. Eve. Called on Mr. +
Mrs. Lord and home early.
- 11 At home. Down town after 4 P.M.
At home eve.
- 12 At home. Down town after 4 P.M.
Eve. called on father + mother
- 13 At home. Eve. took dinner with
Sidney at Mr. + Mrs. Lods. At
home at 8:30 P.M.
- 14 At home. Down town after 4 P.M.
At home eve.

- Dec. 15. At home. Down town after 4 P.M.
Dinner and we, with father and mother.
- Sun. 16 Wallace's birthday, at home.
- 17 Down town early in morning with Theo.
Home at 10 A.M.
- 18 At home. Eve. called on father & mother.
- 19 at home. Hear today that I am
expected to be in Washington before
Jan. 1. Eve. at home.
- 20 Down town all day. Took lunch with
Will. Called at L. & D's. & went to
City Museum. Eve. at home.
- 21 To Carnegie for specimens of Ribes
divaricatum and lobbia for
Mrs. Coville. Eve. at home.
- 22 Down town A.M. at home P.M. & Eve.
- Sun. 23 A.M. to Church. P.M. Mr. Gorman called.
Eve. Father and mother to dinner after
which I made a short call on the
Lagwells.
- 24 Packed trunk in the morning and took it
down to depot afternoon. Eve. called on
the Eliots, Miss Davissons and the
Cochers.
- 25 A.M. at home and with mother and father
P.M. with all to Mills when we had
Christmas dinner. Left Portland at
9 P.M. for Washington via C.R. & N.
S.D. - U.P. - C & N.W. & B & O.

- 26 Breakfast at 9:15 at Melcham.
There is a little snow but saw none
till we began to climb the Blue Mts.
Lunch at Huntington about 2:30. Snow
disappears near Huntington and thru Idaho
we see it only on the distant mountain-
height comes on at Naspa, Idaho.
- 27 In the morning we cross the Idaho-
Wyoming line. The ground is white with
about two inch of snow and near Forest
it is lightly snowing. Sometime afternoon
we have day light till near Rawlins, Wyo.
- 28 A beautiful clear day. No snow in sight.
North Platte 7:40 A.M. Columbus 2:15 P.M.
A little snow east of Columbus. Omaha 4:35
P.M. Che. at 7:42. Fine clear day. Went out
to Uncle Ruben. All out but soon returned except
Flora who went to Elgin. P.M. Called on Wallace
and later on Perry and Mrs. Sloan where I heard
that Mr. Sloan had died last August in California.
Left Chicago on 8 P.M. C & O. train.
- Sun. 30 Breakfast at 7:30. Pittsburg at 1 P.M.
Supper at Cumberland 6:30. Arrived at
Washington at midnight about an hour late.
Went to St. James Hotel.
- 31 To Episcopal burial Building and made calls on
Mrs. Chesnut, Mrs. New in & Mrs. Gannett
Took dinner at the messian and in the
evening went with the Chorists to the
"Watch meeting" of the Colored church on
Vermont Ave. nr. P. St.

1901

- Jan 1 Called on Mr & Mrs. Stebb and Mr & Mrs. Dewey and took dinner with and spent the evening with Mr & Mrs. Vernon Bailey.
- 2 To Agricultural Bldg. Ev. looked for room and called on Mr & Mrs. Harvey.
- 3 Ev. called on Mr & Mrs. Rose
- 4 Called on Mrs. Baldwin and made arrangements about taking a room at her house 1901 5th St. opposite that of Mr. Rose, and afterwards called on Mr. & Mrs. Rose
- 5 Ev. moved into room in Mrs. Bohner's house.
- 6 Called on and took a walk with Mr. Jaywell in the morning. Afternoon went with Mr & Mrs. Bailey and the Misses Gannette to Wagners private Art Gallery. Took tea in the evening with Mr & Mrs. Rose.
- 7 Had my furniture moved into Mrs B's house, and took new room.
- 8 at home ev. wrote letters.
- 9 " " hung pictures
- 10 Ev. called on Mr. & Mrs. V. Bailey,
- 11 Ev. at home. Mounting photos.
- 12 " " " "
- 13 Sun. at home most of day. Took dinner with the Baldwins and tea with Mr & Mrs. Rose. (11th Left Shes Recd. Order no. 18173)

- 14 At home most of eve. Made a short call on Mr. & Mrs. Merwin.
- 15 At home eve.
- 16 At home eve.
- 17 This evening Mrs. Merwin gave me a birthday dinner. Besides the Merwins, Mr & Mrs. Rose Miss Barnett and Mr. Brudenrich were there. We had a very pleasant eve.
- 18 Eve. to Geographical Society lecture on the Isthmian Canal, by Mr. A. P. Davis.
- 19 Eve. at home
- 20 Made little water color of Palestine. Eve. called on Mr & Mrs. Haller
- 21 Eve. called on Mrs. Merwin
- 22 Eve. called on Mrs. Rose, and went to lecture on Progress and Tendencies in Physics by Wm. H. Haller.
- 23 Eve. called on Mrs. Rose. Mr. R. is away from town owing to the death of his brother.
- 24 Eve. at home. After 4 P.M. went to the Capital - spent a little time in the Senate and took dinner with Mr. Tagwell
- 25 Eve. called on Mrs. Chesnut
- 26 Eve. to Biological Society

- Jan. 27 A.M. to Prof. Craven's class at Unity Church. Took dinner at Mrs. Rose's and tea with Mr. & Mrs. Baldwin.
- 28 Eve. to wedding anniversary party at Mr. & Mrs. Steeles
- 29 Eve. called on Mrs. Rose.
- 30 Eve. at home.
- 31 Eve. called on Mr. & Mrs. Bailey
- Feb. 1 Eve. to Geographical Society lecture on Mexico.
- 2 Eve. at home
- Jan. 3 A.M. to Bible class. Eve. called on Mr & Mrs. Rose.
- 4 Eve. to Cosmos Club with Mr. Rose
- 5 Eve. called on Mr & Mrs. Steels
- 6 Eve. tried to call on Dr. Bauer and Miss Parsons but both were out. Called on Mr. Harvey.
- 7 Eve. called on Mr & Mrs. Woods
- 8 Mr. Wilbur arrives today. Will spend a few days with me and is to preach Sunday at the Unitarian Church. 5 P.M. to Senate and eve. to Congressional Library
- 9 Mr. Wilbur goes today to Mt Vernon with Mr. Mendenhall. Eve. we take dinner with Mr & Mrs Bailey.

- 10 With Mr Wilbur. A.M. to Church
Dinner with Mr. Collier & Mr. Mendenhall
P.M. to Weymans Art Gallery
Eve. to Church.
- 11 Eve. called at Mr & Mrs Chesnutz,
he being out. Mr. Wilbur spends
the night with his friend Mr Jofford.
- 12 A.M. with Mr. W. to Corcoran Gallery
Took lunch at Dr. Merriam's
Went to the Zoological Park, and
took dinner at Mr. Dillers,
Mr. Mendenhall, Mr. Collier, & Mr.
Paul being present.
- 13 At office in the morning. P.M. to
Baltimore to see Walter's Art
Gallery with Mr. Wilbur. The
collection is very fine. Back to
Washington at 8:30 P.M. Mr.
Wilbur leaves at that time for
home.
- 14 At home eve.
- 15 At home eve.
- 16 At home eve.
- Sun. 17 To Prof. Craven's Class at Church. A.M.
P.M. & Eve. at home.
- 18 Eve. called on Mr & Mrs Bailey and
Mrs. Merwin
- 19 Eve. Called on Mr & Mrs Pullen
- 20 Eve. Called on Mr & Mrs Diller
- 21 Eve. Called at home of Dr. & Mrs. Merwin
and Mr. Jazwell but all were out.

- 22 Washington Birthday. At home working
on model illustrating scheme of Color
classification. Eve. called on Mr &
Mrs. Rose.
- 23 Eve. at home.
- Sun. 24 at home most of day and eve.
- 25 Eve. Called on Mr & Mrs Bailey
- 26 Mr. & Mrs Wilbur arrive here this morning
and are to stay a few days - on their
way to Boston. Eve. took dinner with
them at the home of Dr. & Mrs. Baker.
27 afterwards to a Reception at the home
of Mr. & Mrs. Bailey Willis.
Eve. to lecture by Dr. Gilbert on S.E.
Alaska at Combs Club.
- 28 Eve. Called on Mr Jazwell

Feb. 1 Eve. Went with Mr. Wendenhall and Mrs. Wilbur to hear Willard at National Lecture. Mr. Wilbur called home this eve.

2 Eve. at home

3 A.M. to Prof. Graves Class. P.M. to Weymans Art Gallery with Mrs. Wilbur and Dr. Dillet. Eve. to Unit. Ch. to hear Dr. Crothers.

4 Emancipation Day. Took a walk to Rock Creek Park. Eve. took dinner with Mr. & Mrs. Rose

5 ~~To concert at Russian Office. Hall very beautifully decorated.~~

5 Eve. at home

6 To concert at Russian Office

7 Eve. Called on Mrs. Baker and Mrs. Mills

8 Eve. at home

9 Eve. at home

10 A.M. to Prof. Graves Class. P.M. to Japanese Exhibit of Water-colors at Corcoran Gallery. Eve. to hear Edward L. Hall at Unit. Church

11 Eve. at home

12 Eve. at home

13 Eve. took dinner with Mr. & Mrs. Balkwin

14 Eve. at home

15 Eve. called on Mr. & Mrs. Rose

16 Eve. called on Mr. & Mrs. Chesnut

17 Eve. went to Unit. Church with Mr. Rose to hear Dr. L. L. Hall

18 Eve. at home.

19 Eve. to hear lecture on Astronomy by Prof. Simon Newcomb.

20 Eve. at home

21 Eve. at home

22 Eve. to party at Mr. & Mrs. Ross -

23 Eve. at home

24 A.M. to hear Dr. Kent at Peoples Ch.

24 Eve. Called on Mr. & Mrs. Mallory

25 Eve. at home

26 Eve. Called on Mr. & Mrs. Woods.

27 Eve. Called on Mrs. Chesnut and

Mr. Brendenrich.

28 Eve. Called on Mr. & Mrs. Bailey

29 Eve. Called on Miss Simms & Miss Snyder

30 Eve. Took dinner and spent the eve. at the museum.

31 A.M. to Unitarian Ch. to hear Dr.

J. L. Eliot preach. Took dinner with Mr. & Mrs. Bailey, and tea in the evening with Dr. & Mrs. Basset. Eve. to Church again.

Apr. 1

Eve. to Cosma Club with Dr. Eliot. Dr. Eliot takes room next to mine for two days

2 Eve. at home

3 Eve. to Unit. Ch. to reception to Rev. Mr. Pierce with Dr. Eliot.

4 Eve. at home and short call on Mr. & Mrs. Rose.

Apr. 5

Eve. at home.

Apr. 6 -

Eve. moved some of my things to Mr. Rice's attic preparatory to going to Portland.

Apr. 7

Took dinner with Mr. & Mrs. Rose and went to Covewood Gallery with him. Called on Mr. & Mrs. Bailey and took tea with Mr. & Mrs. Baldwin. Eve. to Unit. Ch. and heard the new pastor. Rev. Mr. Pierce.

8

Eve. Called on Mrs. Sannett Mrs. Chesnut & Mr. & Mrs. McQueen.

9

Eve. Called on Mr. & Mrs. Rice, Mr. & Mrs. Baldwin, Mrs. Armstrong and Mr. & Mrs. Bauer the last three of whom were out. Left at 11.10 P.M. for Portland via C. & O. Ry., Burlington and N. P. Ry.

10

Beautiful clear day. Crivington Va. 6.05 A.M. Huntington W. Va. in this P. at 12.25 P.M. The scenery through the mountains is very picturesque. Many beautiful hardwood trees, mostly oak and yet, but on some buds are bursting and young leaves coming out. Enter Kentucky at Catlettsburg at 12:55 P.M. Cincinnati 5 P.M. Leave at P.P.M. Took car ride on Belt Line and to College Hill.

11

Arr. at St. Louis at 7:30 A.M. and spend a day with Sidney and Elizabeth. Eunice had gone to Chicago to a convention of kindergarten workers.

In the morning went with Elizabeth to Shaw Gardens and in the afternoon with Sidney to the site of the new University Buildings. Eve. at home.

12

Left at 9:02 A.M. for Portland via Burlington Route. St. Joseph Mo. at 6:35 P.M.

13

Alliance Neb. at 9:30 A.M. A little snow on the ground in western Nebraska. Foggy morning. Cloudy afternoon.

Shelburne Neb. 9:55 P.M. There are more trees on the hills (mostly *Pinus ponderosa*?) in this part of Wyo. than along the U.P. & Short Line!

14

Livingston, Mont. 5:45 A.M. Cloudy day. A little sunshine and a little snow.

Hope, Idaho 9:02 P.M.

15

North Yakima 6:55 A.M. Tacoma 1:15 P.M.

Beautiful clear day. Fine view of Mt. Rainier. Goble Or. 6:10 P.M. Portland 7:30 - Met at depot by Mary Sidney & Wallie. Staid with S. Amy

16

at father's & mother's over night. To "Brown Home" in the morning. Down town afternoon. At home eve -

17

At home eve -

18

" " "

- Apr. 19 Eve. with mother & father
20 " " "
Sun. 21 A. Mt. Unit. Ch. to hear Mr. Lord,
P.M. for a walk on Mansions Hill
with Sidney and Wallis.
Eve. Called on Will & Ella.
22 Sun. town after 3:30 P.M. at home
eve.
23 at home eve.
24 Walked out to Cambridge via Fulton Park
and Old Rock.
25 Mr. Chermut in town - spent the
afternoon with him. To Reading room
at Church with him.
26 Eve. Called on Mrs. & the Misses Crocker
27 Eve. with father & mother
Sun. 28 A.M. to Unit. Ch. - Eve. at home.
Will & Ella call P.M. Father & mother
come to dinner.
29 Eve. Called on Mr. Montague &
Miss Lamson
30 Eve. Called on Mr. & Mrs. Tagwell

- May 1 Eve. Called on Mr. & Mrs. Woodward
2 Eve. took dinner with Mr. & Mrs. Tagwell
and called on Will & Ella.
3 Eve. at home - Vaccinated today.
4 A.M. Called on Miss Montague - P.M. -
Bought Camera - Eve. with father & mother.
Sun. 5 A.M. at home. P.M. to Will & Mrs. Stuart present
P.M. & Eve. to the Lamsons & Montague.
6 Called at Church Reading Room and on
Mr. & Mrs. Wilbur (not at home) and
Miss MacConnell.
7 Eve. with mother
8 Eve. at home
9 Eve. at home
10 Dinner with Will & Ella. Eve. at home
11 Dinner with Father & mother
Vaccinated again today.
Sun. 12 A.M. to Church with Sidney. P.M. at
home. Dinner with father & mother
Eve. at home
13 Eve. to hear Seaton-Thompson lecture
14 with Mr. Ross in eve. developing
photos.
15 Called on Mr. & Mrs. Lamson.
16 Eve. at home
17 Eve. with father & mother
18 Eve. " " "
19 A.M. to Church P.M. walk with Sidney
out Slavic Road. Eve. Called on Will
& Ella.
20 Eve. Called on Mr. & Mrs. Lord.
21 Eve. at home. Mr. & Mrs. E.C. Kibbe

took dinner with us.

- 22 Eve. Sidney & I called on and took
dinner with Mr. & Mrs. Ford.
23 Eve at home printing photos.
24 " " " " " "
25 Eve with father and mother.
26 A.M. to Church, after which with Sidney
to Park and Portland Heights.
Eve. at home.
27 Eve. called on Mrs. Dick.
28 Eve. at home. wrote to Mrs. Audjett.
29 " " " Developing photos.
30 " " " " " "
31 " " " " " "

June 1

- Eve with father & mother
2 A.M. to Congl. Church. Eve at home
3 Eve. at home developing photos
4 Eve. called on Mr. Tagwell &
Mr. & Mrs. Allen
5 Eve. at home
6 " " "
7 " " "
8 Dinner & early eve. with father & mother
9 A.M. to Ch. Afternoon to call on Nell &
Ella. Eve. at home
10 Eve. at home. Transportation to
Alaska received today, but the home
boats have left and no tickets for
sale. "Heti" will not sail till
middle of July. Eve called on Mr. & Mrs. Ford.

June 11

- Eve. with father & mother.
12 Eve. at home.
13 Eve with May and Theodore to hear
Camilla Knos - violinist at
Marquand Theatre.
14 Eve at home
15 Eve with father & mother.
16 A.M. to Church with Sidney.
P.M. & Eve at home.
17 Eve. Called on Miss Fleet, Miss Davison
& Mr. & Mrs. Ford.
18 Eve at home & early with father & mother.
19 "Home City" returned from home, to
Seattle yesterday. Made arrangements
to go to Pt. Clarence on her. Will
probably sail on 25th.
Eve. called on Mr. & Mrs. Woodward
20 Eve. at home
21 Eve. at home
22 Dinner & eve. with father & mother
Sun. 23 Day at home. Said good bye to
all and left at ^{home} 10 P.M. for Seattle
& Alaska. Train left at 11:30 P.M.
24 Arrive at Seattle about 8 A.M. Went to
Rainier Grand Hotel. A.M. Got ticket
to Teller, Port Clarence. Took lunch
with Mr. Curtis. P.M. went out on cars
to Lake Washington. Mr. Royal
called on me at the hotel in the eve.
25 Spent the day making letters, getting
ready etc. Went on board the Home
City at 10:30 P.M. Met Dr. Sipleton

who so far as I now know is the only acquaintance on board.
Sailed at 11:30 P.M.

- 26 Am fortunate in having only two room mates. Some of the staterooms have six occupants which makes them very crowded. At about 11:30 A.M. we left the Straits of Juan and passed Cape Flattery. The day has been cloudy and rather chilly but warm enough to sit on the deck with comfort for a little while about noon. Quite calm until then but with a little breeze and rain later. Towards eve. and in the night the vessel rolls a great deal and at sea sick for the first time. Distance South to Cape Flattery 430 m.
- 27 Not so rough but do not feel well. Cloudy clearing after 4 P.M. Better night. 205
- 28 Cloudy again about 9 A.M. Head wind. Rougher again afternoon and night. 198 m
- 29 Cloudy - Strong head wind continues. 148 m
Moderating some at night. ~~Some~~ made since leaving Cape Flattery from June 26 to 27 - 205 m. 27th to 28th 198 m.
28 to 29 - 144 m.
- 30 Cloudy morning clearing and pleasant afternoon. Sea much smoother. Time Distance since noon yesterday 198 m.

July,

Cloudy day. rather cold - Light wind - 216 m.
Becoming rough at night.

- 2 Strong head wind and very rough. Stand it better than the first time. 198 m
- 3 Wind still ahead but not so strong.
Day clear and much pleasanter. - 148 m.
- 4 Cloudy day - Strong head wind. Sight land at about 4 P.M. and enter Minniek Pass at about 5. Go north into Bering Sea without stopping at Unalaska. We see very little of the islands on account of fog.
- 5 Clear early in the morning - no land in sight. Becomes foggy before 10 A.M. Sea comparatively smooth. Head wind but not so strong. Sighted a sailing vessel about 6 P.M. the first seen since leaving Cape Flattery tho' we are said to have passed a steamer at night.
- 6 Cloudy and rain. Another sail in sight at 9 A.M. Fogy afternoon until running passed star schooner? in fog about 4 P.M. no land seen.
- Sun. 7 Off St. Lawrence Island about 7 A.M. Gentle breeze - Sea almost calm. Passed a four mast schooner in the morning. Sighted Sledge Island at about 4 P.M. and dropped anchor at home at 6:30 P.M. Foggy and we see very little this evening. Most of the passengers landed.

Sunday

July

- 8th Became rough during the night and we are obliged to stay at anchor all day. Cannot go ashore or land baggage or freight on account of surf. Passengers that I have become acquainted with are L. D. Bales, P. S. Boy, Seattle, W. B. Buckley, Mapleton, Iowa. Trip Sullivan and Trip Laughlin.
- 9th Sea moderate during the day. A few more passengers go ashore and they begin lightening freight at 7 P.M. Only one lighter sent ashore.
- 10th Lightening today. I went ashore for a little while in the afternoon. Found that my mail for Teller had been left here and had to attend to getting it back on the boat. There is a town of tents and shanties for the most part thickly packed along a dirty narrow street about a mile long and parallel with the beach. A few hours of sunshine today but it has been cloudy or foggy most of the time here.
- 11th Cloudy and foggy day. Steamer sailed for Teller at 8 P.M.
- 12th Delayed outside harbor by fog until 11 A.M. Anchored at 12.30 P.M. about two miles from Teller. Cloudy with a little rain afternoon. Landed about 3 P.M. Happened to meet Mr. J. L. Brevig at the Post Office and made arrangements with him to board at the Mission

First steamer in Port Clarence this year
John S. Kimball - July 2 -

- Left Teller with him on lighter loaded with goods for the mission, about 6 miles. Landed at about 11.30 P.M. and helped unload goods till 1 A.M.
- 13th The first day since leaving Portland. Botanized near the mission. Collected about forty species in flower.
- 14th Went along beach about two miles to Reindeer camp and made photographs of reindeer - met Mr. Collier at Teller on the 12th. He left Seattle 26 days before I did and arrived at Teller one day before and some of his party on the day after. They moved their camp over here today.
- Fair day - some fog afternoon and cloudy at evening.
- 15th Rainy day. Made drawing of willow and afternoon botanized with Mr. Collier on mountain north of house.
- 16th On tundra a little in the morning. Cold, cloudy. Began drawing of rhododendron afternoon. Dr. Jackson arrived towards evening. 3 Mr. Shupe.
- 17th Worked on drawing of rhododendron. Cold, windy day. Cloudy.
- 18th Cloudy but cleared up towards evening. Botanized on tundra between house and mountains.
- 19th Pleasant day. Botanized on lower part of mountain and towards eve near the beach. Made willow drawing.

July

- 20 Pleasant day. Worked on drawing of
jacopy. Botany at 9:30 evening.
- 21 A.M. made Photos of Mission and of
Indian graves. P.M. walked about 2 1/2
miles towards Teller to gravel spit and
collected a little.
- 22 Walked to top of mountain and almost
around mission back water shed. Collected
some but saw nothing on the mountain
that I had not seen on low ground.
- 23 Worked on drawing of dwarf forget me not.
- 24 Dr. Jackson and Mr. Chever left this ^{cloudy}
morning on the steamer. Worked on
drawing of dwarf Saxifrage? Cloudy day.
- 25 Botany in tundra and made drawing of
Rubus chamaemorus in flower. Cloudy with some
sun.
- 26 Had planned to start in a canoe this
morning with a native for Mary's Bay. This
morning, and we spent the morning
trying to get away. The wind was
too strong for the mast of our canoe
and we had to give up going and
wait for favorable weather.
Cloudy day with increasing wind.
Botanized between house and
mountain afternoon.
- 27 Stormy day. Cold rain and hard wind.
Worked on drawing of Dryas octopetala.
- 28 Morning cold & rainy. Afternoon
pleasant and with less wind.
On tundra a little while afternoon.

- 29 Pleasant morning. Made another start for
Mary's Bay. Went with native Seroluk
in Geological Survey Canoe. Started at
8:30 A.M. Wind weaker light but inclined to
be gusty. At portage across Sand Spit at
10 and at shore of Grantly Harbor at
noon. Followed along north shore
sailing most of the time and in evening
camped near old igloo near east
end of Harbor. Did some botanizing on
the way. The banks along shore with
back by narrow beach are from 30 to
100 feet high with tundra sloping
back to rolling treeless hills.
Willows are larger than along Port
Clarence some times tree like about
20 ft. high.
- 30 Left Camp about 8:30 A.M. Botanized
some at entrance to river between Grantly
Harbor and Innuuk Lake and entered
river about 10. Entered Innuuk Lake
about 4 P.M. The river is in the main
enclosed by hills about 500 ft high.
Wind unfavorable until 4 P.M. Changed
the and was in our favor a good deal
of the way to Apisapak River where
we camped for the night. Fine day, hazy
evening.
- 31 Left Camp at 8:30 A.M. No wind. The
water was glassy and except for a little
time between four & 6 P.M. we had to

now or paddle. We passed the ^{lagoon} entrance
leading to the Kengitoin R. by mistake
thinking it a lagoon and reached the
east end of the lake at about 1 P.M.
About eight miles. Turned back about 1 mile
to the near-lagoon, and went up it to the
river (about 15 miles) and about two
miles up to the river to big bend where
we camped at about 11 P.M.

Aug.
17

This morning we started early and
went up the river about four miles
to Mary's Gflov. Having passed a
suitable camping place for bolanizing about
a mile back we returned and camped
about noon. Do not find much here that
I have not seen at Pot Clarence.
The country from a few miles ^{west} east of the
mouth of the Agiapuk River is low
tundra land with many lagoons, lakes
and swales. The mosquitoes are worse
than I have ever seen them anywhere
else. We were fortunate in getting
through the lagoons between the Inuvik
Lake and the river without difficulty
for on entering them we met two men
who said they had been lost three
days and could not find the way in.
Only once after entering the river we went
astray for about a mile.

Mary's Gflov is a little place of perhaps
four tents and shanties. There are three
gold mines, one of which gives the place
its name. The hill near there about
500 ft. high is, with the exception of
those at the end of Inuvik Lake, the
only one we went over today or yesterday.
Both days have been hazy, from fires
on the tundra, and the views of the
fine range of mountains on the south
side of Inuvik Lake have been
unsatisfactory.

- 2 Left camp about 7:30 A.M. No wind so we
had to paddle or row. About 7 miles down
we met the two lost men who had been lost
over a week. The day has been warm and
hazy. Stopped to bolanize several times
but it was almost impossible to do any thing
on account of the mosquitoes. I was glad
to see very little that I wanted to collect.
About 2:30 P.M. we got out of the lagoons, about
6 P.M. had entered the lake. Crossed to mouth
of Cobblestone River & camped for the night.
Were able to sail from the first island
in the arm of the lake.
- 3 A little rain today and cloudy all day. Left
camp at about 7:30 and went to bay on south
side of lake near mountains. Wind not
favorable and we towed the boat along the beach

most of the way. There are a good many granite boulders along the beach, with rather steep banks, (after passing the sand spit) about 50 ft. high. However the bay, the banks are low and there are tundra sand dunes, no boulders. Camped at about 2:30 P.M.

Sun 4

A little rain today also. Went a little way up on the mountain and found the best yet seen for botanizing. Beautiful beds of Rhododendrons and Cassiope. Left camp about 3 P.M. Wind not favorable and we toiled most of the way to Glacier Cr. Here we rowed across the sand spit and toiled again along beach. Later had a little rain, and sailed, paddled or toiled to entrance to Sukout Channel where we camped for the night at 11 P.M.

5. Left camp at 10 A.M. Sailed a little, rowed and toiled thru Sukout Channel and along south shore of Grantley Harbor. Arrived at Teller at 8 P.M. Rain, afternoon
6. Took breakfast with Mr. & Mrs. Williams who came up on "Home City". Left Teller about 11 A.M. Back to Remden station at 4 P.M. Cloudy with a little rain.
7. Botanized on tundra & made drawings of willows. S.S. "Bear" RCS arrived in port last night and went to Teller. Fair day, cloudy.
8. "Bear" came to Mission this morning. Dr. Jackson and Mr. Chewer call. Dr. & Mrs. Campbell stop to wait for opportunity to go to St. Lawrence Island.

Cold, windy day. Temperature down to 32 last night. Afternoon went to Manders head and made some photographs - botanized on the way.

9. A little snow on Cape York Mt. last night. Cold windy day. Worked on drawing of *Saxifraga*?
10. Cloudy day, cold & windy morning and evening. Worked on drawing of *Polygonum*.
- Sun 11. A.M. wrote letters. P.M. Walked down the beach towards Teller^{to} on sand spit. Cloudy.
12. Went up Mission Creek with Seroluk and crossed the mountain to valley on other side. Found very little that I had not seen before. Pleasant day.
13. Worked on drawing of *Hedysarum* and willows. Cloudy - cold with some rain.
14. Worked on drawing of *Silene acaulis*. Cloudy & cold -
15. Botanized a little, made drawing of *Sedum*. A lot of men came over from Teller to move the log school house. The Thetis came in and left Dr. Jackson and Mr. Chewer. Cold and rainy.
16. Made drawing of *Albina* and botanized on tundra towards Teller. Cloudy with strong N.W. wind & cold. Dr. J. & Mr. C. left this evening on "Newboy".
17. Cloudy with some rain - raw weather. Worked on drawing of *Aconitum* and a little *Silene* leaved composite.

- Sun. 18 - Cloudy with a little sunshine
 towards evening. Worked on drawing
 of composite and wrote letter morning.
 Afternoon went to head of Mission Cr.
 and north side of mountain and got
 specimens of dwarf pea. R. Dr. Young
- 19 made drawing of dwarf pea. R. Dr. Young
 came over from Teller this evening and
 spent the night here. Cloudy day.
- 20 Went north-west around the hills
 n.w. of Mission and back
 over them with Dr. Campbell.
 Cloudy but fairly pleasant.
- 21 Pleasant day. Went with Seroluk
 (he spells it Serawook) in canoe to
 west end of lagoon about 20 miles.
 Botanized a little on the way on
 main land. Water on that side of
 lagoon very shallow. Camped at
 mouth of Creek about 5 P.M.
- 22 Went back nearly to mountains. They
 are very barren, more so than the
 hills back of Reindeer Station. Found
 only one thing that I had not seen before.
 Morning pleasant, almost clear, but
 before noon it was a grey day and
 clouds soon after rained. Back to
 camp at three o'clock. Before night
 twelve boats of Teller people had
 come in to our camp on a
 "stampede". There were rumors of
 a strike on the beach somewhere

- but no one knew where
- 23 Rainy day. Prospects of bad weather
 so concluded to return to the Station.
 Left camp at 9:30 A.M. most of the
 stampedeers leaving about the same
 time "home" again at about 4:30 P.M.
- 24 Pleasant tho' cloudy morning with rain
 afternoon. Botanized on tundra.
- 25 A little rain - Rather pleasant afternoon.
 Wrote letters and did a little at
 photography.
- 26 Cloudy day. Worked on drawing of *Pinguicula*
Primula. Dr. Jackson and Mr.
 Chewer arrive again - Mr. Barrett
 and Mr. Lewis also here, recently returned
 from the "Arctic", the latter the principal
 assistant.
- 27 Cloudy, cold and very ^{n.w.} windy day.
 Worked on drawing of a Coniferae.
- 28 Made drawing of *Urtica* & *Ranunculus*
 Cloudy cold and very ^{n.w.} windy. A little
 snow on the hills north of the house
 last night. Dr. Gambell ^{arrives} here from a hills last night.
- 29 Cloudy & cold - Russian steamer arrives
 with 254 reindeer for Station.
 A.M. went back to hills and got specimens
 of *Mertensia* - P.M. made drawing of it.
 P.M. photographed reindeer.
- 30 Cloudy & cold - Made drawing of
Androsace - The reindeer were
 landed last night and this morning.
 They are in poor condition and several

have died since landing. Lieut. Berthoff started from Orlög on the Progress with 425 and lost about a third on the way.

- 31 Made drawing of yellow Anemone & willow today. The Russia steamer "Progress" left at 4 P.M. taking Dr. & Mrs. Campbell for St. Lawrence Island.

Pleasant day but rather cold and windy. This makes about six days for the month that were fairly clear and pleasant.

Aug. maximum temperature - Aug 2 + 25 - 64°
" minimum " Aug. 31 31°
" " " 8 + 29 32°

Sun.

Sept. 1. Clear or rather for part of the day almost cloudless calm day. Finer than any day in August. Wrote letters morning made land & cabin sketches afternoon.

- 2 Went back to head of Mission Cr. and got specimens of *Rubus* of which I made a drawing afternoon.

Cloudy with a little rain. Even

- 3 Botanized and made drawing of fruit of *Cladonia*. No good fruit to be found. Cloudy but fairly pleasant.

- 4 Botanized most of the day. Cloudy with some rain.

- 5 Botanized some and made drawing of *Dipnecidea* - Dr. Jackson, Dr. Sanbell and Mr. Chever left on "Crescent" today. Cloudy with some rain & fog.

- 6 Made drawing of fruit of *Dryas* and went to Keller with Mr. Henry. Cloudy day but calm and pleasant most of day. Rained towards evening.

- 7 Clear and pleasant day, one of the finest of the season. Botanized on the tundra - Saw printed photos.

Sun. Cloudy day. Wrote letters & made some photographs & read Richard Conill etc.

- 9 Pleasant almost clear day. Botanized near head of Mission Creek and made drawing of *Rubus arcticus*.

- 10 Cold with strong north wind. Spent day in classifying specimens.

11 Cloudy with rain afternoon. Collected along tundra bank about 2 miles east and west of Mission. Windy day.

- 12 Cloudy. Finished classifying specimens and find that I have about 275 species exclusive of about 25 mosses.

- 13 Looked over specimens with Sverdrup and got native names for a good many. Cloudy with some rain.

- 14 Cloudy but calm day. Spent most of day packing, and getting ready to leave.

Sun. 15 Cloudy with some rain. Rained some and wrote to "prairie"

- 16 Finished packing and afternoon collected some *Rhododendron* seed. It is not easy to find much good seed of any kind this year.

- 17 Said good bye to Mrs. Bowie and the Station people and went to Teller with Mr. Bowie, Sesawalook and one of the Inupiaters. Pleasant day with light easterly wind changing to southerly. On the way to Teller we saw smoke on the horizon which proved to come from the Steamer Sadie. Took passage on her for home and saw Mr. Bowie and the others start for home at 3:45 P.M. Left Teller at about 7 P.M.
- 18 Smooth water to home where we arrived at 9 A.M. S.S. Luken arrived about two hours later and I took passage on her for the 24th. On the Sadie met Mr. Bunker a friend of Geo. Sargent. Another friend of Geo. Sargent - Mr. Thompson Commissioner of the Good Hope Dist. I met here today. Met Lieut. Jarvis who kindly gave me the use of a desk in his office where I spent most of the day working up my notes of collection.
- 20 Spent the day as yesterday. Both days and the 18th have been raw and cold with some rain.
- 21 Weather a little pleasant. Wrote up notes of collection most of the day. Towards evening took a walk to the west end of town and the Anvil Creek Ry.
- 22 A.M. went to Congregational Ch. P.M. took a walk to east end of town and along beach.
- 23- Surf high today with strong easterly wind. Impossible to go on board Luken as we expected to. Worked on notes of collection.
- 24 Surf high all day today. Sailed down some towards town-up. An unsuccessful attempt was made to take a lighter load of passengers out in the afternoon. Did not on the first lighter in the evening leaving the beach at about 8:30. On the beach about 9:30 - Beautiful moonlight night.
- 25 Surf much lighter. Almost calm about the liner, a mile or more out, this morning. Sailed from home at 2:15 P.M.
- 26 Cloudy but rather pleasant and a little sunshine. Almost calm sea. Passed Kumiak Island a little before noon.
- 27 Morning a little cloudy but most of day clear and pleasant. Mt. Shistalide & Popyunsoi in sight early in the morning - the former smoking. Fine view of them till nearly noon about that time went through Kumiak Pass. Pleasant day. Wind from S.E. but not rough. Cloudy towards evening.
- 28 Low clouds or fog but not very thick. A little rain and strong easterly wind. Rather rough at night.
- 29 Cloudy day, but not foggy. Wind a little lighter and sea not so rough.

- Oct. 1 Pleasant day - wind shifts to N.E. and clouds clear away.
- 2 Up with the sun this morning and found we were in the Strait of Juan de Fuca. A beautiful clear morning. Arrived at Port Townsend at about 9:30 and left at 11 A.M. Arrived at Seattle at 2:15 P.M. just one week, or allowing for difference in time, 3 hours less, from home. Called on Mr. Royal. Left Seattle on the 9:40 train for Portland.
- 3 Arrived at Portland at 7 A.M. Went first to see mother and father and ^{then} traps on the hill. All well except Wallie who is just recovering from a rather severe illness. Sidney delighted to see me back again.
- 4 Went to Annes with Sidney to have our photos taken, Sidney's of course in particular. Took lunch with at Watsons with Theodore. Met Ralph Wilbur there. Called on father and mother on the way home. Mr. Gorman called evening.
- 5 At home day and evening.
- Sun. 6 A.M. to Church with Sidney. Lunch at Watsons. Called on Ella and mother. Eve at home.
- 7 At home during the day. Eve. called on Dr. & Mrs. Eliot and Miss Davison.
- 8 Had Alaska photos developed at Annes. Eve. called on Mr & Mrs Lamson and Miss Montague.
- 9 At home most of day and in the evening.
- 10 At home day and eve.
- 11 Eve. called on father and mother. Mr. Wilson called this afternoon.
- 12 Down town afternoon eve. at home.
- Sun. 13 At home - day and eve.
- 14 At home - eve ^{with} father and mother. Theo. May, Wallie and Sidney start this morning for the coast at Locksley Hall - mainly for Wallie's benefit.
- 15 At home - day & eve. Theo. returns today.
- 16 At home day & eve. Heard from Mr. Coville today and am to be allowed to stay here probably till some time in December.
- 17 Went down to Seaside this morning to spend a few days with the others at Locksley Hall.
- 18 Work on drawing of *Picea sitchensis*.
- 19 " " " " " " " " " " " "
- Sun. 20 A.M. on the beach and in woods with Sidney, Wallie May & mother. P.M. Took walk with father to Seaside ^{home} & beyond.
- 21 Worked on drawing of *Polygonum* & *Pinus contorta*.
- 22 To Gearhart Park. Collected and made drawing of *Salix*.
- 23 Returned to Portland this afternoon.

- connected with train for Ogden. Delayed till 2:45 P.M. - Crossed State Line into Utah at dusk - 5:15 P.M. at Ogden 7 to 8 P.M.
- 24 Sun. Arr. at Grand Junction at 6:30 A.M. Met at depot by Louis. Went at once to house and found Nellie and the boys all well. All went for a drive afternoon. Dry and dusty. A good many trees in Grand Junction but the country almost barren. Some fine orchards and fields but irrigation necessary.
- 25 Left G.J. at 9:50 A.M. over narrow gauge road to Salida. Went thru the grand canon of the Gunnison between 3 & 5:45 P.M. Marshall Pass altitude 10856 at 7:45 P.M.
- 26 Arr. Durango 7:10 A.M. Left at 8 P.M. via Bowling on Pacific.
- 27 Crossed Missouri R at Pueblo Neb., at 8:27 A.M. Arrived at St. Louis at 8 P.M. 1 hour late - delayed by a fire near the track in the city. With Sidney & Elizabeth at 9 P.M. Home a very pleasant visit.
- 28 Leave St. Louis at noon for Washington via C.C. & St. L. & Co. D. roads. Fare Hank at dusk. Cincinnati 9 P.M.
- 29 Georgetown V. U. at 7:36 A.M. Washington at 4 P.M. - about 15 minutes late. Went at once out to my new boarding house at the Baileys - 1834 Kalorama Ave.
- 30 To work at Dept. of Agr. again. All friends are well.

- Dec. 1 A.M. wrote letters. P.M. took dinner with Mrs. & Mrs. Chesnut and called on Mr. & Mrs. Denny. Eve. to church.
- 2 Eve. Called on Mr. & Mrs. Rose.
- 3 " at house of " " getting my things ready to move to new boarding place.
- 4 Furniture & books moved today. Eve. spent in getting settled.
- 5 Eve. at home - wrote letters etc.
- 6 Eve. to Geographical Society lecture by Hadden on Buenos Aires with Mrs. Merwin and Nanette.
- 7 Eve. at home. Miss McMaster called.
- 8 Sun. A.M. wrote letters. P.M. went to Corcoran Gallery and to call on Mrs. Langille with Mr. & Mrs. Bailey. Eve. took dinner with Mr. & Mrs. Merwin and went to lecture on Associated Charity work.
- 9 Eve. called on Mrs. Baker and Mrs. Bauer, Dr. Bauer not being at home.
- 10 Eve. called on Mr. & Mrs. Chesnut and went with them to Walter Color exhibit at Corcoran Gallery.
- 11 Eve. at home.
- 12 " " "
- 13 Eve. took dinner with Mr. & Mrs. Chesnut and Mr. Denny of Berkeley Cal. and called on Miss Passara.

- 14 Eve. at home.
- Sun. 15 A.M. at home. P.M. to call on Mrs. Baldwin. Eve. to Unit. Church.
- 16 Eve. at home
- 17 " " "
- 18 " " "
- 19 " " "
- 20 To Geog. Society Lecture by J. J. Hill on Seaboard Railway with Mr & Mrs Bailey and Mr. & Mrs. Langille. P.M. Called on Mr. & Mrs. Tagwell
- 21 Eve. shopping. Called on Miss Parsons
- Sun. 22 At home all day. Wrote letters and made calendars for Xmas.
- 23 Eve. at home
- 24 Childrens Xmas Eve party at home. Mrs. Minnie Miss Pollock and Mrs. Corville with six children.
- 25 A.M. at home. Flora, Minnie and Fred B arrived soon after noon. Took a little walk with them on Mass. Ave. Eve with them at Miss Parsons.
- 26 A.M. at Dept. P.M. with F. M. & B. and Mr. Gorman to Capitol and Library. Mr. Tagwell showed us the Capitol.
- 27 At Dept. all day. Flora Minnie and Fred went to Mt. Vernon. Eve with them to hear Yale Glee Club at New Willard Hotel.

- 28 - A.M. at Dept. and saw Mr. Gorman off at B & O depot. P.M. with F. M. & F. to National Museum. Eve. with them at Miss Parsons.
- Sun. 29 A.M. wrote letters. P.M. to church with Flora. Eve. with F. M. & F.
- 30 A.M. Day at Dept. Lunch with F. M. & F. at Museum. After 4 P.M. to Library where I met Flora. Eve. with F. M. & F. at Miss Parsons.
- 31 A.M. at Dept. P.M. with Flora, Minnie & Fred to Halls of the Ancients. Corcoran Art Gallery & Georgetown. Eve. with them at Miss Parsons.

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2504/38774

36970	1st of month
185	7 Sand 10 - mark 75 Expan
50	8 Carfax 25 - mark 25
75	9 Sand 10
75	10 " 10 Carfax 25 - 1st mark 40
50	11 + 12 - Sand 10 + 15 - Carfax 25
20	13 Sand 10 - 14 th Sand 10
125	14 money order & M. H. H. (cont)
175	" " Garden Exp. 100
98	" " Home Wash. 100
85	" " Carfax 60
25	" " Carfax 15 - 10
172	16 mark 12 - mark 120 - mark 100
26	17 Sand 10 17 th 15 - mark 1
182	18 Sand 10 Carfax 25
160	19 Sand 20 Sand 10 21 st Sand 10
45	20 Carfax 25 - mark 10
35	21 Sand 10
205	22 Carfax 100
84	23 Sand 25 - mark 25
50	24 Carfax 25
70	25 Sand 10 - mark 15
51	26 Sand 10 - mark 15
19	27 Sand 10 - mark 15
10	28 Sand 10 - mark 15
25	29 Sand 10 - mark 15
25	30 Sand 10 - mark 15
26	31 Sand 10 - mark 15
27	32 Sand 10 - mark 15

47409 1st of month
 Salary Dec. 1-15 - 61.00
 X mark present for - 5.11
 Salary Dec 15-31 - 65.90
 " 31 " 65.90
 Expenses out of pocket for working 50.45
 656.05

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36470

- 6 notes 10 - Carfare 25 Sunday 15
- 3 - Carfare 10 - 1000
- 5 - Breakfast 15 - Carfare 25
- 4 - Breakfast 10 - Carfare 25
- 3 - Breakfast 15 - Carfare 25
- 40 - Breakfast 15 - Carfare 25
- 3.75 - Breakfast 15 - Carfare 25
- 40 - Breakfast 15 - Carfare 25
- 3.50 - Breakfast 15 - Carfare 25
- 4.40 - Breakfast 15 - Carfare 25
- 80 - Breakfast 15 - Carfare 25
- 50 - Breakfast 15 - Carfare 25

16220

9740
6000
4000
16220

- 60.50 - Breakfast 15 - Carfare 25
- 2.00 - Breakfast 15 - Carfare 25
- 5.70 - Breakfast 15 - Carfare 25
- 1.40 - Breakfast 15 - Carfare 25
- 1.50 - Breakfast 15 - Carfare 25
- 45 - Breakfast 15 - Carfare 25
- 1.70 - Breakfast 15 - Carfare 25
- 5.00 - Breakfast 15 - Carfare 25
- 1.30 - Breakfast 15 - Carfare 25
- 2.00 - Breakfast 15 - Carfare 25
- 60 - Breakfast 15 - Carfare 25
- 50 - Breakfast 15 - Carfare 25
- 15.10 - Breakfast 15 - Carfare 25

474.04

- 61.80 - Breakfast 15 - Carfare 25
- 122.20 - Breakfast 15 - Carfare 25
- 90 - Breakfast 15 - Carfare 25
- 289.19 - Breakfast 15 - Carfare 25

Dec 1

16220

9740

6970

6180

- Nov. 25 - Breakfast 15 - Carfare 25
- 9.25 - Breakfast 15 - Carfare 25
- 26 - Breakfast 15 - Carfare 25
- 5.26 - Breakfast 15 - Carfare 25
- 5.27 - Breakfast 15 - Carfare 25
- 5.28 - Breakfast 15 - Carfare 25
- 5.29 - Breakfast 15 - Carfare 25
- 30 - Breakfast 15 - Carfare 25

Cost in hand

168.79

484

35.70

128.25

1.00

3.07

.55

.65

.85

122.13

Boat Frank
 10.50 Ceylon 10.50
 10.00 Ceylon 10.00
 25.00 Ceylon 25.00
 30.00 Ceylon 30.00
 55.00 Ceylon & Ceylon
 10.00 Plate material
 Ceylon for

Boat
 Inc

50

28

28

Oct. 27

168.79

Oct. 8

12-2-13

74	Bunker 55 Candy 25 Honey 20 Buns 1.35
"	Bunker for 2
60	"
2.60	Willy paper 110 Cotton thread 1.00
35	Sticker 10 Bunting paper 25
68	Stamp 55
24	Candy 10 + 10 Bundo knot 25
55	Bunker at Boston
10.00	Bread at Berkeley Hall. 17¢ 25¢
25	Breakfast 25
4.55	From to Seward 45¢ Candy 5
1.00	Candy 10 Bunker with 1.00
75	Albums 50 Candy 25
15	Candy 10 17¢ Paper 5
35.00	Book of stickers with extra pages
10	Candy 10 Blue print paper 40
1.20	Expent on photo. order of Bunker
810	Candy 10 Photo album 8.00
185	Bunker 55 Photo album 1.00 Photo 1.00
25.00	Univer
-	10 8¢ Candy 10
75	Candy 20 Candy 55
5.20	Trat 5.00
40	Candy 20 Bunker for 5-
65	Candy 15 - Candy 50 Bunting paper 1.00
2.00	Patina for
5.20	From to Portland
50	Envelope 50 Bunting paper 50
50	Envelope 15 Star 10 Telegram 25
1.00	Bunker at Seattle - for 2

Oct

5
8
6.00
50

4954
11920
16879

Oct 1
8
Cook in hand
Cook my salary check

5.11
from July + Aug salary check
above bill of 8 + 3.00
also from expense account 1.20

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Sept	6	Plate paper - Vandy Edg. 6 1/2 x 8	175
		Drying solution	75
		Banner (for 2)	100
	11	Banner 150 - 3 (one extra) (empty)	750
	13	Three 9" squares = empty with	
		one July 29 - Aug 6 - 8 damps.	40.00
		same for 2 1/2 damps Aug 21-23.	13.50
		Two of squares for 4 damps	
		Aug. 7-12-14-Sept 13-	1000
		Transcript from 7 only +	
		Engage Miller & Miller R.S.	2.50
		same from J. R. S. to Miller.	2.50
		Board at Miller River State	24.50
		done from Aug. 6 to Aug. 21	21.75
	16	Trunks for boxes	500
		Trunks	50
	17	Board at Miller River State	37.50
		from Aug 23 to Sept 17.	1.50
		Expense for 3 (empty) (empty) 1.50	1.00
		Square sheets	1.25
		done on S.S. State to home	15.00
	18	done on S.S. State to Seattle	75.00
		gate stream - (empty)	2.50
		Paper	25
		Banner	50
		Sept	50

Sept

365.34

Coak in Bank

Many salary check 119.20

May

Best of Newark

11/60

May 14

Best of Newark

6706

10

115

15

435

10

5

70

70

20

21

22

23

24

26

27

30

31

Best of Newark
Carpenter 10
Raker 85 Carpenter 20
" 95
Photo. Newark 25 4 notes 2.50

Carpenter 10
Carpenter 5
Carpenter 20 - Clark 50

Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15

" 15 - Clark 15
" 10 - Clark 15
" 10 - Clark 15
" 10 - Clark 15
" 10 - Clark 15

Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15

Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15
Carpenter 10 - Clark 15

Best of Newark

8662

2524

11/86

10	Carbon 10	
10	Carbon 10	
80	Carbon 10 - Black Box 25	
110	Carbon 10 - Black Box 25	
800	Carbon 10 - Black Box 25	
135	Carbon 25	
30	Carbon 25	
165	Carbon 25	
420	Carbon 20	
300	Carbon 20	
160	Carbon 20	
120	Carbon 20	
650	Carbon 20	
65	Carbon 20	
200	Carbon 20	
45	Carbon 20	
150	Carbon 20	
100	Carbon 20	
10	Carbon 20	
10	Carbon 20	
35	Carbon 10	
140	Carbon 10	
35	Carbon 10	
740	Carbon 10	
60	Carbon 10	
600	Carbon 10	
25	Carbon 10	
170	Carbon 10	
185	Carbon 10	
720	Carbon 10	
220	Carbon 10	

2375
50 50
2785
10 80
11160

Carl in hand
by check. 1.5, 1.0
Ward & Evans account
any cash from JTB

May 1
May 19
May 15

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10457
 7292
 2375
 834

Apr 21. Best demand
 Carbon 30 150⁰ 90
 Carbon 5 - 30 90
 Carbon 35 - 105
 Carbon 50 60 90
 Carbon 10 110 70
 Socks 425 500 1625
 Alasky + oil 60 70
 Carbon 50 - 80
 Carbon 10 35
 Carbon 10 160
 Carbon 275 285

in hand
 in hand?

Apr 20 Best demand 10457

Prof General
Ink. 31 - Salary to date

89-64

02-60

14824

Thick 21.

22

23

23

23

24

24

25

26

26

26

27

28

29

30

31

31

31

Coal v. fuel
fuel-kettles for 194

31

Sound 10 Dinner 15 Books 15

Sound 10 Dinner 45

fuel to shell 10

Sound 10. Dinner 25. Stars 3

Shooting 10. Shooting 35. Dinner 15

Sound 15. Dinner 15

Carriage 15

Sound 10 Dinner 25. Books 10

Sound 10 Dinner 25. Pat. 1

Sound 10 Dinner 10. Stars 15. 25

Sound 10 Dinner 25. Stars 5

Sound 10 Dinner 25. Carriage 25

Sound 10 Dinner 25. Carriage 61. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

Sound 10. Stars 94

3351

120

55

100

38

60

85

50

48

36

13

38

60

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

94

17054

69

12764

4201

25

106

40

25

126

53

50

50

50

60

55

281

75

53

40

55

31 50

Food ?

Cash in hand

Cash in hand 7584

notary 25

Bank 76 Bank 25

Carfare 25 Bank 10 Star 5

Travelling paper 25

Hotel ticket 100 Dinner 25

Bank 10 Carfare 25

Bank 10 Dinner 40

Hotel Dinner 25

Hotel 25 Dinner 25

Bank 10 Dinner 35

Postage 181 Carfare 40

Hotel 20 Dinner 55

Bank 10 Dinner 40

Bank 15 Dinner 25

Bank 10 Dinner 25

Hotel Dinner

28

28

28

28

28

27

27

26

25

24

24

23

22

22

21

20

"

19

24. 19

17054

Miss Prof. Forward

38	Lunch 10 Dinner 25 Stars 5
41	Lunch 10 Dinner 15
68	Carriage 15 Star 3 Candy 40
100	Breakfast 25 Dinner 50 36¢ 25
145	Lunch 10 Dinner 55 36¢ 25
60	Lunch 10 Dinner 25 Carriage 25
58	" 10 " 45 Stars 5
38	" 10 " 25 " 5
1000	Rent to Rick 5
130	Lunch 30 Dinner 100 (rent)
25	Carriage 25
35	" 25 Lunch 10
13	Lunch 10 Star 3
121	Lunch 75. Carriage 50
145	Breakfast 50 Dinner 65
30	Lunch 10 Dinner 40
45	Breakfast 25 " 10. " 10. 25
25	Carriage 25
200	Jan & Nathan are return 200
110	Carriage 10 " 100
100	Breakfast 15 Lunch 10 Dinner 25
70	" 45 " 25 " 45
35	Lunch 10. Dinner 25
50	Carriage 25 " 25
150	Breakfast 10 Lunch 10 Dinner 40
120	Soda 100 Paper 5 Candy 15
40	Lunch 10 Dinner 25 Paper 5
75	Breakfast 50 Dinner 45
50	Breakfast 25 " 25
18	Lunch 10. Dinner 25

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17034
6154
3380

Feb 1 Cash in hand
1/5 Salary to date
28 "

325 75

824.78

6154

10000

10000

6824

1000

600

79

43

125

48

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

120

8000.95

Cash in hand

Expenses in bank

Rent of room 1 month

Board & day St. James Hotel

Rent 25 January 54

Board 5 dinner 35 54

Board 100 Carfare 25

Board 10 Dinner 35 54

Dinner 35 54

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

Board 10 120

31

9

5

5

51

31

30

30

29

29

28

28

27

26

26

25

25

24

23

22

22

21

20

20

19

19

325 75

6260

26315

Walter's salary check
of 101.10 deposited
in Eggs bank

Broth Forward
Salary to date

31

Jan 20

Jan 9

90	8.25	8.50	Carfare 25
78	8.25	8.15	8.15 8.15 Star 3
2.00	8.30	8.15	8.30 8.15 Star 3
83	8.25	8.15	8.25 8.15 Star 3
53	8.25	8.15	8.25 8.15 Star 3
84	8.10	8.15	8.10 8.15 8.15 8.15 8.15 18
75	8.20	8.15	8.20 8.15 8.15 Star 3
1.00	8.25	8.15	8.25 8.15 Star 3 and transfer
25	8.25	8.15	8.25 8.15 Star 3
75	8.25	8.15	8.25 8.15 Star 3
1.00	8.25	8.15	8.25 8.15 Star 3
1.75	8.25	8.15	8.25 8.15 Star 3
1.35	8.25	8.15	8.25 8.15 Star 3
50	8.25	8.15	8.25 8.15 Star 3
2.11	8.25	8.15	8.25 8.15 Star 3
1.35	8.25	8.15	8.25 8.15 Star 3
35	8.25	8.15	8.25 8.15 Star 3
1.01	8.25	8.15	8.25 8.15 Star 3
45	8.25	8.15	8.25 8.15 Star 3
1.45	8.25	8.15	8.25 8.15 Star 3
1.75	8.25	8.15	8.25 8.15 Star 3
53	8.25	8.15	8.25 8.15 Star 3
55	8.25	8.15	8.25 8.15 Star 3
25	8.25	8.15	8.25 8.15 Star 3
55	8.25	8.15	8.25 8.15 Star 3
12	8.25	8.15	8.25 8.15 Star 3
13	8.25	8.15	8.25 8.15 Star 3
14	8.25	8.15	8.25 8.15 Star 3
15	8.25	8.15	8.25 8.15 Star 3
16	8.25	8.15	8.25 8.15 Star 3
17	8.25	8.15	8.25 8.15 Star 3
18	8.25	8.15	8.25 8.15 Star 3
19	8.25	8.15	8.25 8.15 Star 3

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26313

58.00

12 - Expense acct. Bot. to Wash. 25.35

Jan 1 Cook to hand from expense by order of Smithsonian 18.00
161.78

15 Salary to date 58.00

Total

5.50	Red Chair
8.75	Red Bureau
4.50	Maat stand
9.00	Chiffonier
2.00	Sofa for Red
3.00	W.C. Matton
3.80	H.C. Matton
18.12 1/2	Hall price
36.25	

Post. Servant
Rec. Salary

140 81
57
60 90
258 71

25
" "
" "
" "
26
5
27
91.88
8
29
9.50
5.50
5
91

Post. Servant

X man for house (500000)

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " " " " " " " " " "

500

800

500

200

35

130

190

185

60

24.50

15

15

15

15

15

15

15

15

15

15

15

6426

800

500

200

35

130

190

185

60

24.50

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

15

Don't
on hand

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95.51
142
161.78
258.71

6726
1.50

1.75	Expenses (small etc.)
14.00	Palmer - North to Chicago
1.25	Carfare 5 North to Merrill 12
70	Carfare 10 Chicago 10
1.85	Home - North 1/80 Merrill 25
1.00	Books - North on 9/10 Merrill 10
40	Don't to Chicago & return
1.20	Trunk for Merrill 10 Carfare
2.60	Brewing arrangements for Merrill
1.00	Exp. food in Electricity for Merrill
5.07	" " " " " " " "
3.07	" " " " " " " "
2.51	" " " " " " " "
3.06	" " " " " " " "
80	" " " " " " " "
2.75	" " " " " " " "
51	" " " " " " " "
4.10	" " " " " " " "
1.5	" " " " " " " "
4.10	" " " " " " " "
2.5	" " " " " " " "
1.5	" " " " " " " "
4.10	" " " " " " " "
2.5	" " " " " " " "
7.5	" " " " " " " "
9.10	" " " " " " " "
1.0	" " " " " " " "
6.5	" " " " " " " "
2.0	" " " " " " " "
3.0	" " " " " " " "
1.0	" " " " " " " "
1.0	" " " " " " " "

4.5
6

9

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140.81

18.15	Carfare 10
25.00	Carfare 10
97.80	Carfare 10
4.86	Carfare 10
190.81	Carfare 10

Dec 1
12
17
25

Carfare 10
By check 25.00 J.C.
For: Salary check credit
X mas present for home

Dec 1
24

For: Salary check 97.80
See last page - Dec 24.

Dec 1

Profit Forward

569.90

28
29
30
30
31

Profit Forward

Carton 1 25

Carton 20 (50th Reginald 6708)

Carton 10 String 15

Carton 10th Antisepic Table 175

Carton 10th 10

Export 15. + 10

In hand

1872.22 from 80

569.90

82

2748

419.40

10th 10

175

45

28

40

119.82

11932

Oct. 1 Museum 20
 3 - Atlantic gopher tortoise 10 nest 25 86
 5 - Plate gopher 25 60
 2 - Plate gopher 25 321
 3 - Board - July 1 to July 5 1901 800
 3 - Board Sept. 20 to Oct. 4 2450
 4 - Hilda + Wirtz Silber to Seattle 1500
 7 - Bonnie - St. Marys 52
 10 - Wagon for 100 52
 10 - Photo 12 + 1 + Prot. album 200 1500
 10 - Bonnie 30 Saffron 35 65
 10-11 - Lodging 100 150
 11 - Breakfast 1.50 @ 30 81
 11 - Breakfast 20 20
 11 - Breakfast 20 20
 12 - Breakfast 20 20
 12 - Hat 4.50 - Sab. for 100 460
 13 - Carfare 10 60
 14 - Carfare 30 St. Wirtz 5 (17th) 70
 15 - Carfare 20 60
 17 - Knife 1.50 Fork 5.25 400
 17 - 5 - Carfare 20 4 per bag 100 175
 17 - Indemnity 2 per 600 100 975
 20 - Carfare 10 150
 21 - Carfare 10 60
 22 - Carfare 10 25th Carfare 50 75
 25 - Carfare 25 75
 25 - Hotel 50 50
 27 - Carfare 10 1150
 27 - Carfare + Carfare 30 30

5

5

5

5

5

5

15050
 10110
 10110
 9780
 11940
 5690

Oct. 1
 Board
 July Sundry check
 Aug
 Sept
 Expense acct. check

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Sept. 1

Henry Jordan

100.00

35.80

94.90

234.70

Clades

Clades

(9) Sept. 2

Breakfast, 51 Avenue St

8.35

8.10

8.25

8.25

8.25

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

8.35

88

105

88

5.50

1.50

5.75

1.85

90

5.35

4.00

1.25

1.80

1.20

1.35

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

1.05

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Aug 1	Dr Fund	48.20
	Bank Order	100.00
	Cash	150.80
		278.50
	Jan 1 Salary Check	98.90
		377.40
Aug 1	Dr Fund	100.00
	Bank Order	150.80
		250.80
	Jan 1 Salary Check	98.90
		349.70
		377.40
Aug 1	Dr Fund	100.00
	Bank Order	150.80
		250.80
	Jan 1 Salary Check	98.90
		349.70
		377.40

Aug 1. Dr Fund check
 48.20
 100.00
 150.80
 278.50
 98.90
 377.40

Jan 1 Salary check
 98.90
 377.40

Jan 1 Salary check
 98.90
 278.50
 377.40

Jan 1
 3
 35.80
 100.00
 142.65

Jan 1
 10
 35
 6.00
 1.00

Jan 1
 10
 20.00
 2.00
 65.25
 1.50
 4.00
 7.50
 19.00
 1.50
 1.00
 4.00
 25
 3.00
 7.00
 1.00
 50
 70

Jan 1
 10
 20.00
 2.00
 65.25
 1.50
 4.00
 7.50
 19.00
 1.50
 1.00
 4.00
 25
 3.00
 7.00
 1.00
 50
 70

301.20
201.70
 100.00
 150.30
 48.20
23.20
 40
 80
 200

Board \$ 4 1/2 days on Oct. 3-7
 + extra \$ 100 to K. Knott
 travel on bus point
 lunch with 25
 18. 25
 19. 1/2 milk
 20. soap
 31. my - guide

check
 in hand
 money order

48.20
 50.00
 105.50
201.70
 301.20

July 1 in hand
 check
 money order
 cash

July 26 money order need for the 100.00

(3)
 July 8

June 18 - Present a check at Skagway
 Henry Order
 50.00
 48.20
 179.15
 103.50
 50 Dr. bank cont.
 30 Royal 9 3/4 days at the Barnette
 30 Bank of 100 paper
 30 Mrs. J. S. Kean - bank 1 day
 29 Plaque (copy) 100 Barnette
 25 Mrs. J. S. Kean - bank to bank & back 100
 19 Bank 50
 19 Skagway June 5 to 19 Skagway
 19 " 35 " 50 S. J. Kean
 17 " 35 " 50 S. J. Kean
 16 " 35 " 50 S. J. Kean
 15 " 35 " 50 S. J. Kean
 14 " 35 " 50 S. J. Kean
 13 " 35 " 50 S. J. Kean
 12 " 35 " 50 S. J. Kean
 11 " 35 " 50 S. J. Kean
 10 " 35 " 50 S. J. Kean
 9 " 35 " 50 S. J. Kean
 8 " 35 " 50 S. J. Kean
 7 " 35 " 50 S. J. Kean
 6 " 35 " 50 S. J. Kean
 5 " 35 " 50 S. J. Kean
 4 " 35 " 50 S. J. Kean
 3 " 35 " 50 S. J. Kean
 2 " 35 " 50 S. J. Kean
 1 " 35 " 50 S. J. Kean

June 1 Dr. bank & check
 Henry Order
 50.00
 79.35
 101.70
 Henry order on 50th June 101.70
 48.20
 50.00
 79.35
 101.70

June 21 - Note notice today of credit at
 large bank of \$73.91 from Mrs. Kean
 per J. S. Kean memo.

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May 1 Dr Bond 7.05
 " 4 Dr Bond 50.00
 " 4 Dr Bond 150.00
 " 4 Dr Bond 207.05
 May 31 - Clark U.S. B.A. (Wynn's acct)
 48.10
 255.25

May 8 Apr. Salary 98.90 deposited in J. G. + J. Co.

(6) 31
 28
 25
 20
 15
 11
 10
 10
 9
 8
 7
 5
 5
 4
 3
 3
 1

May 1 Comps 10 - 100 - paper 88
 3 Comps 5 - 500 - paper + envelope 5
 4 at Mt. Airy (100) - 200 - paper 2.90
 1 Skat 5 - 500 - rubber - 50 - printing - 25 8.75
 1 Skat 15 - 500 - rubber - 210 - caps 2.75
 5 Skat 20 - 500 - rubber - 100 - printing - 20 1.00
 5 Skat 20 - 500 - rubber - 100 - printing - 20 1.35
 7 Skat 20 - 500 - rubber - 100 - printing - 20 1.10
 8 Skat 20 - 500 - rubber - 100 - printing - 20 4.65
 9 Skat 20 - 500 - rubber - 100 - printing - 20 7.0
 9 Skat 20 - 500 - rubber - 100 - printing - 20 15.60
 10 Comps 20 - 500 - rubber - 100 - printing - 20 6.0
 10 Comps 20 - 500 - rubber - 100 - printing - 20 5.50
 11 Comps 20 - 500 - rubber - 100 - printing - 20 6.5
 15 Plate set - 100 - 12 1/2 - S. G. 65
 20 Comps 20 - 500 - rubber - 100 - printing - 20 7.5
 25 Ink - 25
 28 Comps 20 - 500 - rubber - 100 - printing - 20 2.00
 31 Ink - 25
 2.60
 177.35
 255.25

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Apr 1 Chard 30. Corgau 15 65
 2 Corgau 5. Karpau 15 30
 3 Bont 1. Kip. S. Kip. B. & D. (100) Corgau 5 205
 5 Corgau 5. Saktin 10. Karpau 10. (100) Corgau 5 75
 6 (Karpau & Karpau) (100) Corgau 5 75
 7 Corgau 5 (Karpau) (100) Corgau 5 75
 8 Corgau 10 Chard 25 35
 9 Corgau 20 Overall 25 70
 10 Corgau 25 (Karpau & Karpau) (100) Corgau 25 190
 11 Corgau 10 Karpau 200 Corgau 25 505
 12 15 Karpau 75 Sko 75 800
 13 Corgau 40 to Karpau & Karpau 40
 14 Del for Sko 25 Corgau 5 50
 15 Chard 50 Corgau 25 75
 17 Corgau 20. Karpau 25 55
 18 (Karpau & Karpau) (100) Corgau 25 120
 19 Karpau 25 (Karpau & Karpau) (100) Corgau 25 120
 20 Karpau 25 (Karpau & Karpau) (100) Corgau 25 120
 21 Karpau 25 (Karpau & Karpau) (100) Corgau 25 120
 22 Karpau 25 (Karpau & Karpau) (100) Corgau 25 120
 23 Corgau 20 20
 24 Corgau 15. Sko 25 Karpau 50 315
 25 Karpau (25) Karpau & Karpau (100) 315
 26 Corgau 10 Karpau 10 55
 28 Karpau 20 - Corgau 15 25
 29 Karpau & Karpau etc. 210 Corgau 20 280
 30 Corgau 10 10
 Br Karpau 705
 58355
 256
 5811

Sono? Karpau?

Apr 1-1900
 Corgau in Karpau
 from J. G. & J. K. Bank
 2500
 5811

Apr 5 - Mch. Salary 103.2 deposited in
 J. G. & J. K.

Apr 7 Particular of note, mortgages and
 Corgau of Estate of J. R. R.

S. B. W. Brother mortgages
 Corgau
 2455.66

S. B. W. Other mortgages & note
 Corgau
 920.10

" from S. B. W.
 Corgau
 767.78

S. B. W. & J. A. W. Total
 5635.21

15
 18
 28
 38
 76
 65
 15
 18
 30
 80
 120
 200 made for first Adams
 9-10 (Parker's book relating to Chicago) 2.50
 10 Parker's (Parker's) (Parker's) 80
 10 Parker's (Parker's) (Parker's) 80
 10 Parker's (Parker's) (Parker's) 180
 11 Parker's (Parker's) (Parker's) 70
 17 Parker's (Parker's) (Parker's) 14.50
 17 Parker's (Parker's) (Parker's) 14.50
 19 Parker's (Parker's) (Parker's) 2.50
 19 Parker's (Parker's) (Parker's) 2.50
 15 Parker's (Parker's) (Parker's) 46
 16 Parker's (Parker's) (Parker's) 140
 17 Parker's (Parker's) (Parker's)
 18 Parker's (Parker's) (Parker's)
 21 Parker's (Parker's) (Parker's)
 21 Parker's (Parker's) (Parker's)
 25 Parker's (Parker's) (Parker's)
 26 Parker's (Parker's) (Parker's)
 27 Parker's (Parker's) (Parker's)
 28 Parker's (Parker's) (Parker's)
 31 Parker's (Parker's) (Parker's)
 " Parker's (Parker's) (Parker's)
 800
 403
 8794

15
 18
 28
 38
 76
 65
 15
 18
 30
 80
 120
 200 made for first Adams
 9-10 (Parker's book relating to Chicago) 2.50
 10 Parker's (Parker's) (Parker's) 80
 10 Parker's (Parker's) (Parker's) 80
 10 Parker's (Parker's) (Parker's) 180
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 27 Parker's (Parker's) (Parker's)
 28 Parker's (Parker's) (Parker's)
 31 Parker's (Parker's) (Parker's)
 " Parker's (Parker's) (Parker's)
 800
 403
 8794

5994
 2500
 8494

Cook in fund
 7 8000 from bank
 1900

Oct. 21 '91
Barber & Cunningham
a gun "Pachyactis" 6" lens x
"Reverin" 8mm eye "graph" camera

Shipping car Rate -
Portland to Denver - 9.00
" St. Louis 13.00
Denver to St. Louis 5.50

Perry Mason Co.
The Yacht Enterprise
201 Columbia Ave. Boston Mass.
\$175 per year.

Can. Knicker V.R. 278920
P.S. Bartlett 4065988
Dax. R. Washford Jan 17-1890

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Wm. Badden - 1/4 mile west of depot.

M.B. Buckley
M.B. Buckley
M.B. Buckley

A. Howick
Tiller, 1882, No. 92

Paul J. Baring - Pt. Barrow
L. S. South - in water Aug 15

Community place of Pt. Barrow
Co. Seattle Washington Co.
Seattle Ind.

Buckley page 40
34 lines - square, flat
Aug.

1882 - 3000
Buckley 3000
Buckley 3000

3000
3000
3000
3000

plate

P.O.N. 1834 Kalamazoo Mich.

1913-14-15

Mr. A. D. Cotton

1882 - 3000
Buckley 3000
Buckley 3000

BRETTANO'S