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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.

# Memorandum

A decorative flourish consisting of a diamond shape with internal lines, from which a curved line extends upwards and to the right, ending in a small hook.

West - 1934

36

39 - Reeds

WEST - 1936

WEST

1934

1934 r. 1 - about  
50 mi. east of Columbia, Mo.  
in 63 40

Just west of midway (w. of  
Columbia, Mo.) aspect  
of Blue grass region.  
Trees w. broad crowns  
bur oak, elm, ash, black  
walnut. Limestone out-  
crops on the hills.  
Locally has red cedar  
grass bet. now said up  
*Urtica stricta*.  
Rolling to hilly country  
Morning glory, melon to  
VII. 7. W. of Junction City

WEST, 1934

Prairie flowers on p. 2 - about  
50 mi. east of Columbia, Mo.  
on US 40

---

Just west of midway (w. of  
Columbia, Mo.) aspect  
of Blue grass region.

Trees all broad leaved  
bur oak, elm, ash, black  
walnut. Limestone out-  
crops on the hills.

Locally has red cedar  
grass but now said up  
*Verbena stricta*.

Rolling to hilly country

Morning glory, melon etc  
VII. 7. W. of Junction City

Conopsis & grass from  
McPherson, Kan,  
Co

4 mi to Venable Falls  
1 " farther to cabin  
 $\frac{1}{2}$  -  $\frac{3}{4}$  to first lake  
1 beyond lake - Phantom T.  
 $1\frac{1}{2}$  along terrace  
1 to Comanche Lake

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Rocks etc - In box  
Rim Rock, Grand Mesa  
& in Morse Lodge  
Paper bag - Coaly red  
at alt. Mud & coarse beds  
mud beds with petr. trees

Coffee bag - High ridge  
of Big Horn mts

Flowers - W. of Sundance  
 P. cone flower  
 Mex. hat, each  
 blazing star  
 Eriogonum - nr Devils Tongue

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WEST, 1934

A L

Gas	7		1.47
"	5		1.10
Starter			.50
Gas			.75
"			1.03
"			1.50
"	x 1 qt oil	1.00	.84
Eats (Bedford)		.90	
" (Carlisle supper)		.70	
Room, Carlisle		1.50	
Bridge toll		.20	
Breakfast, St Charles		1.00	
U Smile Camp		2.00	
Dinner, Sni Bardn		2.20	
gas (6) K.C., Kansas			1.02
Breakfast			.60
gas (8). pt oil			1.63
Dinner (abundant)		.10	1.00

	A	L
Gas (7) Hutchins		1.12
Cottage "		2.00
Supper		.80
Telegram		.44
Breakfast	.50	
Gas (8) + oil (19)	1.64	<del>1.64</del>
Dinner (Garden City)	1.10	<del>1.10</del>
Gas (7)	1.12	<del>1.12</del>
Dinner (S. J. J. J.)	2.30	1.30
Service on car		2.95
Gas (6)		1.14
" (5) Cann		.98
Lunch (Camp City)	.40	
alpine lodge	19.75	19.
up		
gas	1.50	
supper		90
breakfast		90
gas (8) + oil		1.82
tip 20¢, 10¢, 10¢, 10¢	.50	
breakfast	.80	
Hotel (Alamosa)		6.00
Gas (Alamosa) 6 1/2		1.24
Gas (4), lunch	.24	.86
Quanita St & Spr		4.00
Gas (Quinn) (4)		.96
Cher. Gunnison		1.00
Gas - (3) Montrose		.69
Lunch (Montrose)		1.40
Post cards		.90
Lunch, J. 23		.33
Morse Lodge	16.00	25
Gas (De Beque) (7)	.50	1.61
Gas (Mules) (4)		.96
Supper	.50	
room	2.00	
breakfast	.80	
Gas (8) <del>from the</del> Wamsutter		1.80

	A	L
Cherry sauce		3.10
Lunch, Rock Spring	.10	1.40
Gas (2) <sup>25¢</sup> <del>30¢</del>		<del>50</del>
Room (Pinedale)		1.50
Supper	✓	.40
Breakfast	✓	.80
Gas (Pinedale) <sup>8</sup>		2.50
Lunch (Teton)	1.00	1.00
Jackson Lake Lodge	8.75	
Gas (Moran) 3		.90
Dinner Lunch		.50
Dinner	✓	1.50
Breakfast + L.	1.10	
Dinner (Sat)	1.50	<del>1.50</del>
Br.	.90	
L.	1.00	
Hl	1.50	
Br. + L.		1.00
Hl. (mm)		1.50
Breakfast (Tue) + L	1.10	1.10
Gas (3)		.84
Dinner	1.50	
Breakfast (Wed)	1.10	1.00
Dinner - (Tip)		1.50
Cabin (6 days)		12.00
Breakfast + Lunch		1.20
Yellowstone Entrance		3.00
Lake Lodge, cabin	3.00	
" " , dinner	2.00	.20
" " Breakfast	1.20	
Canyon, cabin	3.00	
Dinner	2.00	
Breakfast		1.10
Gas (7)	1.75	
Lunch	.95	
old Ft. cabin	3.00	
Dinner	2.00	.20
Cabin		3.00
Breakfast		2.00
Dinner		2.00
Breakfast	2.00	



	A	L
Room Cody		2.00
Dinner		1.00
Breakfast		.70
gas (6) Cody		1.38
Pictures		1.00
Museum Cody		.30
gas (Tensleep) 5		1.13
Meadow Lake Lodge	9.10	.25
Lunch	1.30	
Chevy		.85
gas (4) 27¢ 1/2 hour		1.03
Dinner	1.10	
Breakfast	1.10	
Room	3.00	
gas (6)		1.35
Chevy - service		3.20
gas (6)		1.25
Lunch Steamboat	.75	
Hyman Le Hill	6.50	
Tips	.50	
gas (6) Hermosa		1.20
Room (Kadorka)		1.50
Supper	.70	
Breakfast		.30
gas (8)		1.65
gas (6) Alliance	1.24	
Dinner (Mitchell)	.80	
gas (5)	.95	
Cabin	1.25	
supper	.16	
breakfast	.16	
chevy		.25
gas (8)		1.33
Dinner		2.29
gas (6) Mason City		1.06
gas (4) Waterloo 18 1/10¢ oil qt		1.02

	A	L
Cabin		2.00
Supper		.30
Gas (4)		.66
Telegram	.32	
Breakfast	1.00	
Gas (6)		1.13
Dinner (Porter)	.50	
Room "	2.50	
Tips	.25	
Gas (7) Stenette		
oil (qt) 30¢		1.51
Lunch	.70	
Gas (4)		.80
Cabin	1.25	
supper	.40	.15
Breakfast	.90	
Gas (2)		.40
Gas (5)	1.00	✓

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Lunch (restaurant) .70

Log -

- July 5 Cincinnati to Carlisle, Ill.  
 6 to Kansas City, Mo  
 7 to Hutchinson, Kan.  
 8 to La Junta, Colo.  
 9+10 La Junta  
 11 La Junta to Alpine Lodge  
 Westcliffe, San Isabel Nat  
 12 vicinity of Lodge  
 8800 ft.  
 13 Rainbow trail, south  
 of Cottonwood creek  
 14 Comanche Lake (12,000)  
 15 Circle Trip: venable  
 Lakes, Phantom Terra  
 ven. Lakes Camp, 10800  
 Crest, 13,100 ft.  
 16 vicinity of Lodge  
 17. Westcliffe - Redivine -  
 Delta Pass - Sand  
 Dunes - Alamosa  
 18 Alamosa - Conejos River  
 19 Alamosa, north thru San  
 Luis valley - (Salida) -  
 Monarch Pass (11,386 ft)  
 Wuanita Hot Springs  
 20 - Gunnison - Delta  
 Grand Mesa (Morse Lodge)  
 10100 ft  
 21 Eggleston Lake - Fresh  
 Lake - Twin Lake -  
 Alexander Lake  
 22 Barren Lake  
 Surface Creek trail +  
 down road  
 23 Alex, Twin Forest,  
 Rock Butte Lake +  
 Lily pond - Rim Rock  
 + return Eggleston Lakes

- July 24. Grand Mesa - Craig  
 25. Craig - Rock Spr. - Pinedale  
 26. Pinedale - Moran  
 P.M. - Sight around Jackson Mt.  
 27. Cascade Canyon  
 28. Paintbrush to Hollyf.  
 29. Leigh Lake, etc.  
 30. Teton Glacier trail  
 31. Heath Canyon  
 Aug. 1. Lake Trail, Jenny Lake  
 2. Teton to Yellowstone (Lake)  
 3. Canyon  
 4. Canyon - Mammal - Old Faith  
 5. Old Faithful  
 6. O.F. - Cody  
 7. Cody - Meadow Lark Lodge  
 8. East Tensleep Lake  
 + adj. alpine ridge  
 9. M.P.L. - Gillette Wyo.

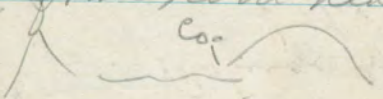
- 10 - Devils Tower,  
 Spearfish - Sylvan Lake  
 11. Sylvan Lake.  
 S. D. to Kadoka, S. D.  
 12 - to Sheldon, Iowa  
 13 - to Galena, Ill.  
 14. - to Milmette  
 15 - Chicago Exps.  
 16 - Milmette to Lebanon, Ind.  
 17 - to Cincinnati.

Picture WEST, 1934

(with 4/5y)

- 5 - View of Wet Mts from Alpine Lodge
6. Range from beyond Cottonwood Creek (7-13)
7. View toward Comanche Lake from Venable Lake trail (white spots (?) = tents)
8. Down from Venable falls
9. Down valley from Venable Lakes Camp. Small bristle-cone pine, R. fore.
10. Alpine thistle (flowers yellow)
11. Crest of ridge from Venable Lake Camp. Phantom terrace trail below foot

12. Annette at bench fossils

- II. 1 Down valley from summit  
2. Phantom Terrace from summit  
3. Crestone needles part of summit of Sangre de Cristo Range  
4. Down (sim. to 1) but supposed to show plain in valley  
5. From Ranger Station along ben. & Comanche valley. Green field foreground  
6. From road near flat
- 
- Yellow pine + oak scrub

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7. Gen. view of Sangre de Cristo Range from road south of Westchaff (right hand mt. in left of picture 6)  
8. Prickly pappus  
9. Looking south from s. slope of divide juniper - Pinon on left, Sangre de Cristo mts on right.  
10. old Hatley & meadows at base  
11. View n. fr. U.S. 160. foreground sagebrush & low hills cedar - sage br., higher " yellow pine. 2 peaks of Sangre de Cristo beyond.

12 Sand Dunes from  
several miles across  
Sargol de Cristo range  
beyond in rain

---

1. Sand dunes  
row of cottonwood  
at base

2 Sand Dunes

---

3. Alkali basin on  
Colo. 17 north of Mosca  
(n. of Alamosa)

1. center = white alkali crust

2. zone of Distichlis (Spec)

3. " " greasewood with  
some Chrysothamnus  
(Triglochin + Y. Cebriae)

4. View east from  
Monarch Pass, 11,386 ft

5 view west

6 Alpine cushion meadow  
of Paronychia  
Arctostaphylos, Silene  
Clover, y. comp. + grass

7 NNW from above  
Monarch pass

8. mesa country along  
Gunnison R. w. of Gunnison  
sprinkled with yucca.

9 Beginning of canyon  
of Gunnison R

10. View from table 50 after  
leaving Gunnison R.  
toward our left

11. View of Grand Mesa  
from north of Delta.  
Lower valley (green); lower  
terrace (yellow); higher,  
brown (color of unmet clay)  
above, green.

12 Forest Lake + Rim

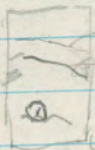
- IV
1. Alexander Lake with  
foreground of firwood, etc
  2. Crydalis (gigantea)
  - 3 " + Alex. Lake
  4. Siliceous plant + " Lake
  5. Barren Lake with  
mist rising after hail.
  6. Alexander Lakes at  
8 AM, Monday (Fruered in  
fog)

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7. The rim from Rock Lake  
(Mink's wood in front +  
willow at shore)

8 East (toward Leadville  
from Rim Rock)

9. From rim over chain  
of lakes west east of  
Eggleston, with Lily  
Lake directly below



ridge bet. valleys  
edge of plateau

of rock dipping

distance not beyond

10 Looking west over  
Colo. valley + to Bush  
Cliffs



11 Looking north along  
crest of spine of  
west side

12 N, E

Truman mts (south  
of Leadville mts)

V.

12. view west from  
edge of rim on steep  
dip

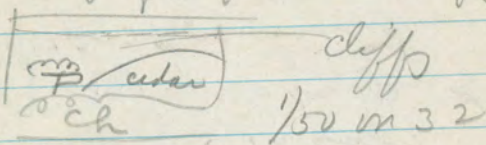
3 view of Book Cliffs from  
below Mesatakes

4. Cliffs (in distance)  
along Colo R.

Foregr. is Oak-Amel.

background is cedar

clump of poplar at right



5. Cliffs on Colo 65  
on R. before  
joining US 405.

6. Cliffs on Colo, R.  
at junction of US 405 &  
Col. 65. 22 mi N.

of Gr. June.

7. along Colo, R. on  
US 405.

8. High Cliffs along  
Colo. R. (same as seen  
fr. rim rock) Talus

below red & yellow; cap  
yellow. Nest white  
& blue wh. Vanded  
w. blk. Fore ground  
juniper & nearest  
sage brush

9. Cliffs, near river  
fore-ground  
horizontal lines -  
dark = trees

10. Knife edges on  
Colo. 13 nr. Meeker  
Fore ground, then  
sagebr. trees on slope  
juniper & pinon

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11 Grand Tetons from  
road S. of Mt. Park

12 Grand Teton from  
just east of [6] Camp

13 1. Tetons from town  
west

2 Jenny Lake from  
Hidden Falls trail  
looking NNE

3 From above fork  
in Cascade Cr  
pt

5 From Amphiblasts  
in upper Park

6 Small of canyon head  
from upper lumber pen  
Park

7 Lake "unknown"

8. Summits & gorge  
S. wall. Lumber pine  
on left

9 High Mt above  
Lake "unknown" & far  
below on right, Jackson  
Lake

10 Head of valley  
from below temp  
camp L. pine

11 ~~High~~ High L & Jackson  
L. from ~~summits~~

12. Gr. S. from 1st alpine  
opening. N. Larch pine  
on right

1. ~~High~~ Mt from  
Amph. Lake

2 + 3 Summit

4. Down to Amph. Lake  
Jackson, pole country below  
& Mt range beyond

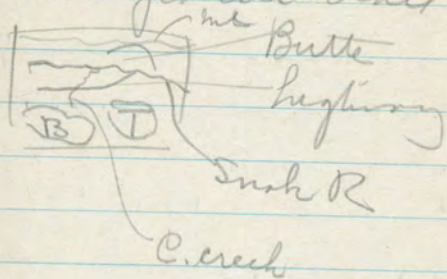
5 The glacier

6 Whitebark pine  
slopes above Amph  
Lake

7. Teton from pt. above  
glacial lake

W. B. Fernald

8. Bradley (left) &  
Tazgart (right) lake  
from glacier trail



9. Tetons from our  
porch, morning after  
storm

10. Mouth of Death Canyon  
Large balsam poplar  
& smaller P. firs

11. Down Death Canyon  
P. firs & P. l. l.

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12. Down Death Canyon  
showing U-shaped valley,  
Phelps Lake, moraine  
from left going beyond  
Phelps L. + Ink across  
Snake R.

Trail may show below  
in left hand corner

## VIII VERICHRDME

1. Upper Death valley  
millons in foreground
2. Head of valley showing  
in dist. peak of red  
rock.  
Millon meadow foreground

3 Rocks in floor of canyon  
just above V

4 } Hidden Falls (near)  
5 } (Far)

6 Mt. Moran from  
Leigh Lake (Leigh canyon  
on left)

7. Paintbrush Canyon,  
Leigh Lake

8. Mt. Moran to Grand  
Teton from Jackson Lake

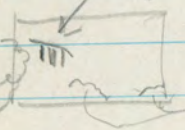
Big Horn Mts

9. Looking up from East  
Tensleep Lake (upper tier)

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10. View from high ridge  
west of E. Tensleep Lake  
showing wall of cirque  
of west trib. and parts  
of 2 lakes in chain  
above E. Tensleep.

View of lakes



11 Summit of Big  
Horn Mts, showing  
2 cirques at heads  
of valleys draining  
to E. Tensleep Lake

12. Lakes from high  
ridges & Mts to east

E. LUCY BRAUN  
2702 MAY ST.  
CINCINNATI  
OHIO

West  
1936

7  
>

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WEST

1936

Pictures & notes

A-

A

- 10 } Dry Falls from
- 11 } top
- 12 } From upper part
- } of trail

I

- 1 } Dry Fall, ch
- 2 }
- 3 }
- 4 }

- 5 Mt Baker from end of road 1/50 on 22
- 6 Mt Baker framed in mt. hemlock
- 7 Mt Baker from switchbacks of Table Mt trail
- 8 Mt Shuksan from " " "



I

9. A patch of heathers  
in the rocks on  
Table Mt

Single flowered white  
to left; pink in  
center; yellow right  
near end

10 Mt Shuksan from  
Table Mt Cliffs of  
Table Mt on left fore,  
with dwarfed mt  
hemlock

Shuksan ridge goes  
to left. Below, parking  
space at end of rd

11. Mt Shuksan -  
Table Mt on left fore

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I

Return trail a leve  
across talus below  
Trees are dwarf mt  
hemlock + fir

12 [ ] Mt Baker from  
far along To mt  
trail, + shows  
drainage down to  
Chain Lakes

II

1. Ptarmigan

2. Forest Austin Pass  
from Lake Ann Pass  
Fir + hemlock, subalpine  
forest

3 Mt Shuksan

4, 56-

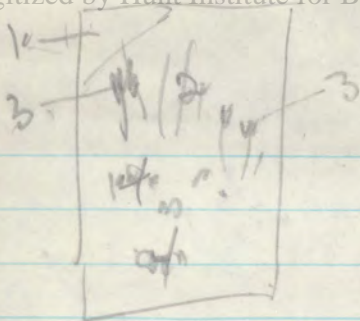
Mt Shuksan,  
panorama  
upper & lower glaciers  
in middle  
hemlock trees near  
on left

7. From Lake Ann trail  
via Austin Pass  
looking towards Mt Shuksan  
& the ridge ascended  
at Lake Ann

8. Mt Baker from  
Chain Lakes trail

9. At 8 ft -  
Flowers

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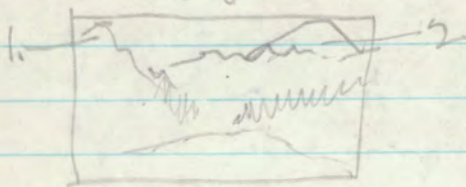


1. water dark
2. pink monkey flower
3. scarlet seed pods  
of saffrage
4. yellow monkey flower

Small white saffrage  
scattered & a colony  
white to pale pink  
Erigeron

Blue veronica at base  
of pink monkey flower

10. South from  
north shore of upper  
Chain Lake



1. Mazama Dome  
2. Mt Baker

11 Mt Shuksan from  
saddle bet Table  
mt & Mt Herman  
(Straight line in  
lower part is highway)

12 Shuksan from  
descent from Mt

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Herman saddle.  
Table mt on right  
Bagley Lake below

### III

1. From Chuckanut
2. drive bet.  
Bellingham &  
Mt Vernon
3. From bet Pt Townsend  
& Port Angeles
4. In forest at Lake  
Crescent

straight trees  
are fir  
other alder  
of river flats  
Lup. shrub growth  
of Rubus Ribes  
Sambucus etc

5 [ ] In lowland <sup>III</sup>  
forest near Falls  
Crooked 3-trunked  
near tree is *Acer*  
*macro.*, trunks  
moss-clothed &  
with *Polypodium*  
nearly to crown  
Slender straight  
tree but maple trunk  
is fir & large  
tree, to left are  
cedar

Undergrowth is  
*Polystichum* +  
*Echinopanax*

6 [ ] In lowland forest  
Moss draped cedars

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A small lived maple  
firs beyond.  
ferns + *Echinopanax*  
foreground, the " with  
a bunch of red berries

7. [ ] *Acer macro.*  
moss draped;  
some *Polypodium* on  
trunk & branches  
W. fir, cedar & fir  
beyond

8 [ ] Cedars heavily  
draped with moss  
*Polystichum* ground cover

9 [ ] Douglas fir forest  
at Sol Duc with  
Aspl. & f. under

10 [ ] Douglas fir <sup>III</sup> &  
hemlock with mostly  
hemlock paper.  
Mossy forest floor with  
Cornus can., Tiarella,  
& Achlye & Phlegop. dryp

11. [ ]

Douglas fir (rough land)  
& some hemlock. (small)  
Mossy carpet with  
Phlegop. dryp  
"A group of Douglas fir

12 [ ] Shows app.  
buttressed  
base of hemlock -  
a mossy mound of

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Hylacomium prolixum  
with Cornus can  
Maianthemum  
finnaea  
Clintonia  
vaccinium  
Polypodium  
Tiarella  
Beyond hemlock &  
D. fir

#### IV

1. Sol Duc Fall  
(shows @ c.c. Craynes  
in position of bridge)
2. Minch Lake (which  
is light to dark green)  
with rose-red Sanguisorba  
standing up in fore

3. Down the valley of Canyon Creek from ridge at Cabote Deer Lake below

4. Looking toward the Lookout & stony zigzag trail up slope on left

5. Deer Lake valley in the morning

6. Camp Lake (Seven Lakes) & Mt Appleton

7. LUNCH Lake (near) & Sol Duc Lake

□ & Boulder Peak

Camp Lake very blue

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LUNCH Lake lpr. - blue

Sol Duc Lake dark

meadows on Appleton bright green

8. East from ridge (Lunch)

9. Mt Olympus in

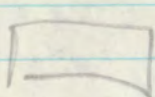
10. clouds - to right of glacier

11. Our home on Lake Crescent. - "Dixie"

12. D fir forest at Jackson R. Sta with moss bloom

& Oxalis, Rosaceae,  
Fumell  
a few moss draped red  
Vaccinia

## V

1. Three large D. fir  
with Oxalis <sup>gr. cone</sup>
2. vine maple, moss  
draped in D. fir  
forest
3.  vine maple  
moss-draped  
& a big D. fir with  
Achlye fore

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4 Big-leaf Maple  
moss draped with  
Polypody & vine-  
maple to left with  
Pteris in fore

All in D. fir forest  
of Hoh R

#12 - H on south  
side of Hoh River

5. Large Sitka spruce  
in Hoh R valley  
Oxalis on base of tree  
Pteris

6. A Sitka spruce  
whose spreading

moss covered base  
 supports Oxalis &  
 Maranthum  
 vine-maple all  
 around

7. Over macro-  
 draped with  
 Selaginella & moss  
 H. R.

8. Upper Hoh valley  
 from <sup>my</sup> Bogachiel  
 Peak

9 Mt Olympus (right)  
 & Mt Tom (left)  
 from Hoh Lake

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10 a group of cedars  
 at edge of clearing  
 at old Olympic ranger  
 Station

11 } Largest yellow  
 12 } cedar (Thuja)  
 just above old  
 Olympic R. Sta

Mossy log the  
 upper growth  
 with Polytrichum

35 ft 6" B. H.



VI

1. The White Glacier  
on Mt Olympus

2 Mt Olympus  
partially covered  
with 

2	1
---	---

3 Mt Olympus &  
white glacier to  
right

4 Lower part of  
Blue glacier  
with crevasses  
"De Rive Glacier"  
~~base~~<sup>mass</sup> of Blue Gl  
(Perivade part is pale  
turquoise blue

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+ also, all faces  
of crevasses toward  
one are blue

5 Fog rising from  
Holl Valley with  
Bailey Range  
rising above

6 Blue glacier &  
part of the snow  
dome of Olympus

789 

9	8	7
---	---	---

7 Mt Olympus (not  
peak) & snow dome  
with Blue glacier  
below

10 Glacier

one hole between in  
line bet snow saddle  
& right of rear rock  
is dark blue

11 Glacier from  
moraine along it  
at the big bend

12 Glacier & fog

VII

1. Hob R. <sup>group</sup> at bridge  
jet. mt. gl. crest

2 X

3. Hob R. (down)  
from bridge ~~at~~ -  
below jet gl. crest

4 <sup>W. snow draped</sup>  
mass - draped  
mt. hemlock in  
ridge crest

5. Group of rose  
paintbrush & Polygo-  
num beside brook  
in Sol Duc Park.

A few yellow Arnica  
& white Erigeron  
& 2 stems of balsam  
Saxifrage in moss  
at edge of brook

6. Square grass.  
 (bear grass) beside  
 Lake in Sol Duc Park  
 (Sol Duc Lake)  
 (Some of flower stalks  
 + pedicels green,  
 others burnt stems  
 fading to greenish  
 yellow at top)

7. Sol Duc Lake  
 group of at least 4 herbs  
 + square grass -  
 Opp. shore - patches  
 of rose paintbrush  
 + Polyg

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8. Yellow monkey  
 flowers, mats  
 of y. green moss,  
 gray rocks, rose  
 paintbrush, pink  
 Erigeron, white  
 Polygonum

9. | 1. 2 4  
 ||| 137

1. Scarlet paintbrush  
 2 Orange "  
 3 Spiraea  
 4 purple pentstemon  
 Hebe (fine white bet)  
 + beyond  
 bluegray rocks with  
 yellow + pink patches

VII

10 Sol Duc Lake wet  
inlet flat in front  
on which are  
yellow monkey flower  
(left face)  
rose paint brush  
pink - low Eriogon  
white Polyg  
th

11. Breaking camp  
at Sol Duc park

12. Alaska cedar -  
mt Appleton beyond  
(other trees are  
mt. hemlock &  
fir

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VIII

1. East Fork Duwault  
River -

wide flood bottom  
alder border

Cynifer slopes

big trees on left

mass-draped ~~flowers~~

*Silva spruce*

2 Interior - alders on  
lower flood plain  
of Duwault River

grass ground cover

with scattered

is. strawberries, Spring

beauty + ferns

(On alder alder areas,  
*Yonk S. spruce*

3 Gorge of E Fork  
Quinnault R. 3 mi  
above Grans. Creek  
Inn. - Gorge in  
dark gray rock  
Shaded, rock wet  
mossy, with yellow  
Arnica, Arceuthobium  
+ much maiden  
hair fern  
Sunny bank w/  
Christmas fern  
Trees - hemlock,  
cedar, alder (small)

4. View on the  
Quinnault showing  
alder border of  
stream.

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hemlock frame  
in fore, large  
Sitka spruce beyond  
alder + wet slope

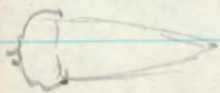
5. Redwood in  
del Norte Coast Park  
In fore, Rhod. to left  
Small redwood to right  
Coast huckleberry near  
tree; + sword ferns  
(Polystichum)

6. Group of Polystichum  
on trunk of Sitka  
spruce in del Norte  
Coast Park

7. Group of redwoods  
on slope in Del Norte  
Coast Park, mostly  
Rhod., coast buckeye  
& ferns below  
for coop. or. 129-  
pictures

8. Oak slope &  
grassland (val  
terminal) a few  
miles S. of Ukiah

(lvs. like white oak &  
acorns long pointed)



(valley oak)  
*Q. lobata*

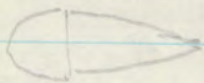
In distance beyond

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as mixed slopes to  
right in skyline  
some *D. fic*

9. Vineyards - the  
important industry  
of the oak region

(on left, the evergreen  
or. nearly entire  
lvs & acorns)



Vineyard bel. in fr  
oaks & other trees  
along stream; vineyard  
on other slope &  
patches of oaks

10 Digger pines  
in Scotland. Co  
about 75 mi N. of St.  
Oak with pines &  
on right side for  
a bay? (see spec)  
(near Italian-Swiss  
colony)

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Aug 6

Lake Crescent

Genera of underground  
of low land forest  
Decidedly So aff  
aspect -

*Polystichum*

*Tiarella*

*Sambucus*

*Ribes* =

*Cyrtopteris*? or young  
Aspl. of 1 aspect?

*Ribes* = like our rasp.  
yellow berry

*Echinops* = red berry, like odor  
dewberry

*Galium*

*Mananthus*

*Asarum*

*Desmodium*

*Trillium*

Yulobium  
Acer macro

" —

Hydrophyllum (like  
vign.)  
Phegopteris dryopteris

Ranunculus  
disporum

Streptopus  
Berberis ilicifolia

• not Jeffersonia

Campanula

Smilacina, like racemosa

Arum

Monotropa uniflora

Adiantum pedatum

Actaea (rubra)

Pteris aquilina  
(not musc)

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Osmorhiza

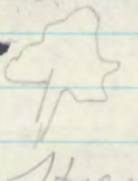
Claytonia

(big palmately lobed  
leaf) - a huge Hydrophyl  
?

barium

Circaea (alpina)

Bromus

•  few flowered  
composite?  
umbelifer?

Heracium

Tridentata

shrub - Santalaceae?

Cirsium

Equisetum

Ranunculus?

Ranunculus

Luzula



The trees are -

alder

Acer macro

" like s. m. (smaller)

Thuja

fir (white bark)

D. fir on slopes

• cc. Cornus Nuttallii

Polemoniaceae - small pink

Higher on slope

(above rain) aspen

changes -

D. fir - cedar forest,

Polystichum +

Gaultheria Shallon

most imp. +

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fewer herb. plants

Chimaphila

Drywood trees

Geuchera on rocks

Linnaea

Linnaea

Trentalia

Amelanchier

Rosa

Rhamnus, like Carol

valeriana

Sedum on rock

Salix

down in creek again

Some of the steep

banks, with their

Polystichum, Adiantum

Trillium (like grandifl.)  
Ternstroemia + Smilacina  
+ Rubus (like odoratus)  
& small maples are  
strikingly like similar  
situations in App. region

Saxifragaceae (Ym)

In the forest at Soldan

Tranvelleria  
A large

Mossy forest carpet  
Phacop. Dryop  
Cornus canad  
Manarthen  
Clentonia unife

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Creeping Rosaceae:

(white fl., red drupe)

A small red berried *Physocarpus*

The forest is D. fir  
hemlock

Arhlyo

Tronneses unife

Listera

Smilacina stellata like

Aug 9

On the ascent to  
higher mts  
a silver fir belt  
then Alaska cedar  
enters & is imp.  
with hemlock

fir  
pine (white)

then Alaska cedar  
drops out &

fir (small)

scattered in meadow

CROFTON

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VIII

~~VIII IX~~

11 So just north of  
King City

Salinas River sand  
flat, with desert shrubs  
(Atriplex, Artemisia,

--;) terrace beyond

all irrigated & utilized

for truck crops, here  
celery & string beans.

Rows of trees are Eucalyptus

wind breaks, crossing

fields about every 1000 ft

Beyond grassy low

hills & scattered oaks

(over)

12. Oaks in grassland  
south of Otsego Lake  
Background - sharp hills  
(sp. of oak leaves)  
VIII, 12

## IX VERICHRONIA

1. At Prescott

Grassland & scattered  
Juniper & oak.  
Grasses; - Gramma  
(*B. hirs.*?; *B. curtip.*)  
Aristida  
sunflowers & many  
small flowers.

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2. At Prescott

Grassland + shrubs -  
oak, Rhoeo, Rubus, etc  
& scattered Juniper

3. North of Prescott

Grassland (2 sp. of  
Gramma wrapped in paper)  
Clumps of y. Comp.  
about 1 1/2 ft (sp. m),  
scattered *Opuntia* &  
milkweed & other flowers

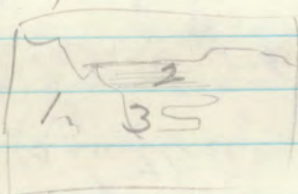
4. in Petr. Forest

showing part of bark  
leaves

5. big log, 5 ft high &  
diam. at base over 4 ft

6. Desert grassland  
in Petr. F. N. M.  
with grama  
Heard (Eragrostis  
like, etc.) scattered  
Antennaria, Chrysothamnus  
Gutierrezia, Grayia,  
etc.

7 Painted Desert



1 green slope (planted)  
in dark rocks  
2 red

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3. green bottom  
nearby, tops greenish  
in some  
below, white caps.

5. Four o'clock  
(red purple) at  
Gallup, Fri. 4/17

9. Short grass  
plains east of  
La Junta,  
W. grass (light)  
+ beyond + at base,  
green, + grazing

E. J.

N. Nyholm

Jackson Ranger Sta

Back Cover

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- July 22 Cincinnati  
To St Charles, Ill.  
J. 23 - to Eau Claire, Wis  
24 " Fargo, N'D  
25 " Dickinson, N'D  
26 " Billings, Mont  
27 " Helena, Mont  
28 " Cabin City, "  
29 " Soap Lake, Wash  
30 " Ellensburg, "  
31 " Mt Baker  
Aug 1 Mt. Baker! -  
Table Mt. trail  
2 Lake Ann  
3 Lake Mazama,  
Chain Lakes,  
a trail over saddle  
bet. Table Mt +

- Aug 4. En route, Mt  
Baker - Bellingham  
Mt Vernon, Whidbey Id.
- " 5. to Lake Crescent.  
P.M. Barnes Creek, " "
- " 6. Barnes Creek &  
Baldy Ridge trail
- " 7. Sol Duc Hot Spring  
P.M. Sol Duc Falls
8. Mink Lake
- { 9 } Deer Lake, P.M.
- { 10 } Island, High Divide,  
Sol Duc park ch.
11. Rosemary
12. Hoh River to  
Jackson Ranger Sta
- { 13. Sol Duc Hot Spr.  
to Hoh Lake
- { 14. Hoh Lake, Hoh R.  
Glacier Creek to
- 
- Elk Lake
15. Blue Glacier,  
Mt Olympus
16. return, to Sol  
Duc Park
- { 17. down Sol Duc R
- { 18. (A.M.) Rosemary  
P.M. to Duinault
19. up Duinault R.  
to Grano Creek &  
on up
- Aug 20. En Route  
Duinault to Agate  
Beach, Oregon.
- Aug 21. Agate Beach  
to Coquille  
(Guislain N. F.)
- Aug 22 Coquille -  
Grant Pass -  
Crescent City

- Aug 23 Crescent  
 City - Oricks  
 (Red note +  
 Prairie Creek redwoods)
- Aug 24 Oricks -  
 Garberville  
 (Bull Creek; Dyerite  
 redwoods.  
 Patrick's Point.
- Aug 25. Garberville  
 & Berkeley
- Aug 26 Berkeley
- Aug 27. En Route to  
 Monterey Pen.  
 Point Lobos, to Sdmar
- Aug. 28. Salinas thru  
 San Luis Obispo + Santa  
 Barbara to Carpinteria

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- (green legume seeds  
 & pods at beach w of S.L.O.)
- Aug 29. to Long Beach
- " 30 Long Beach
- " 31. Long Beach - Banning
- Sept 1. Banning Calif. ✓  
 to Prescott Ariz
- Sept 2. Prescott - Holbrook
- Sept 3 Petrified Forest  
 National Monument.  
 Holbrook - Gallup
- Sept. 4 Gallup -  
 Farmington - Durango, Co.  
 Mesa Verde
- Sept. 5. Mesa Verde to  
 Pueblos across  
 Wolf Creek Pass
- Sept. 6. Pueblos to  
 La Junta

Sept. 7. La Junta

Sept. 8. La Junta to  
Hutchinsons, Kan.

Sept. 9. " - to Cameron  
ms.

Sept. 10. Cameron to  
Ill.

Sept. 11

to Cincinnati