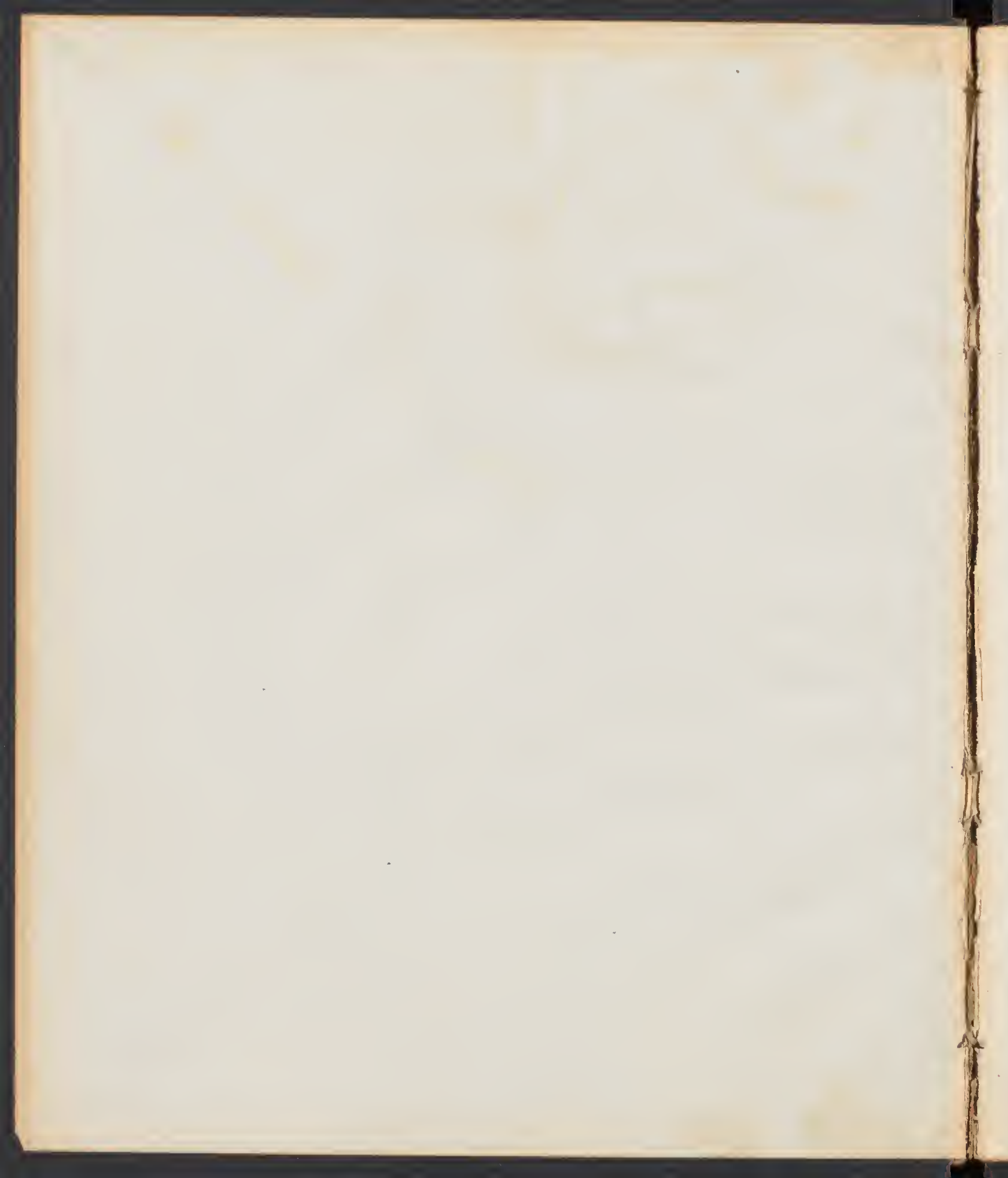


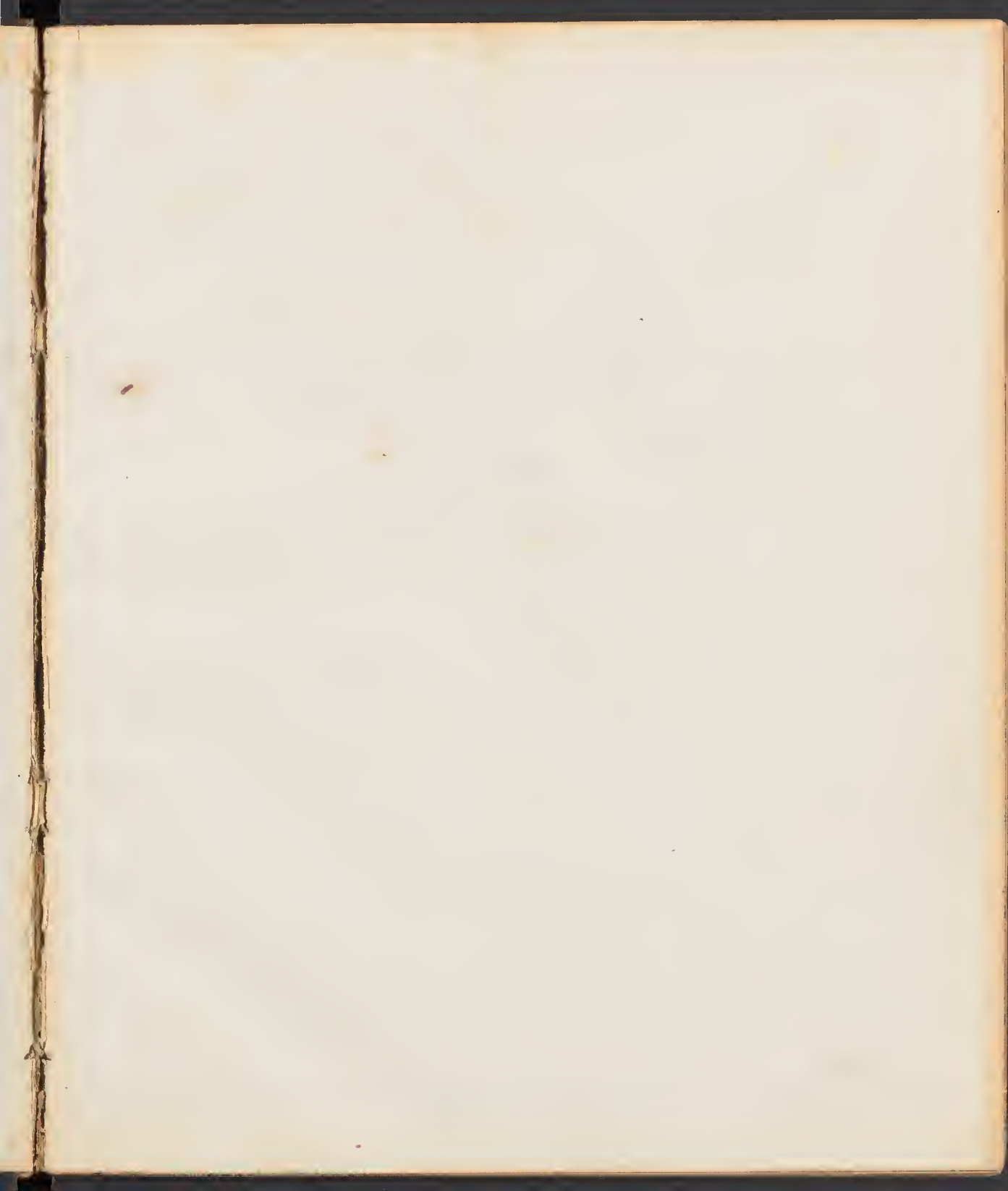
Watson
N-②

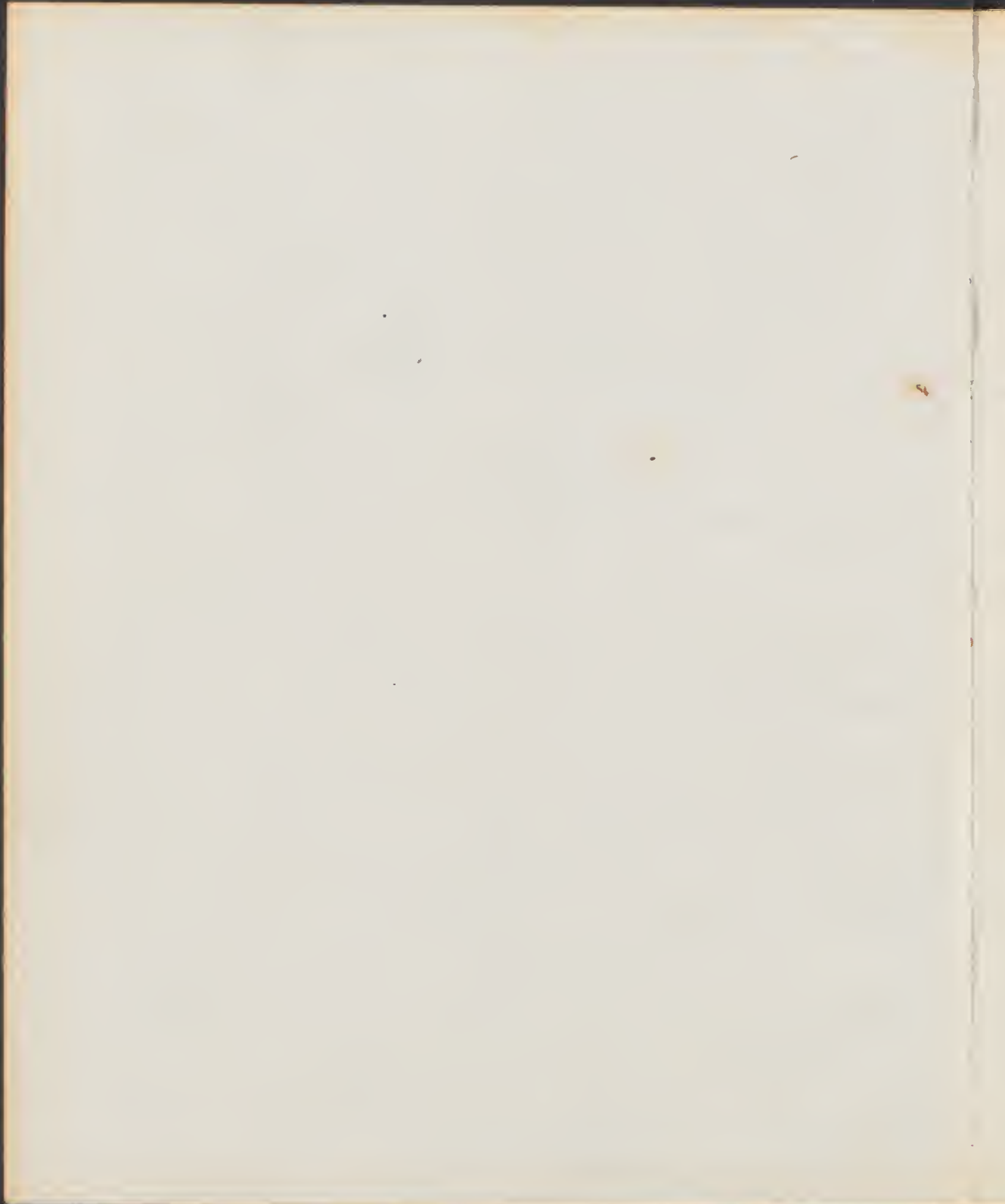
317.

FRANCIS & LOUTREL,
STATIONERS,
Steam Job Printers,
AND
BOOK BINDERS,
45 MAIDEN LANE, N. Y.

Watson N-2







Botanical Collection
of 1869 - Utah Territory.
Fernswanson, W.P.S.

M

1

M

1

2

M

1

2

3

4

5

6

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8

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10

11

12

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14

15

16

17

18

19

2

2

2

May 13th - Plains east of Cheyenne

1. - *Astragalus*

x

1

May 16th - Wabsatch Summit.

1. *Astragalus*

x

6

2. - *Fungus*

1

May 17th - Salt Lake City - Cañon & spurs east.

1. Umbellata - yellow

x

2

2. - *Phacelia*

A.

2

3. - *Polemoniaceae*

Col. gracilis

2

4. - *Borraginaceae* - shiny, with tinge of blue - A.

7

5. - *Lithospermum* - A.

1

6. - *Ranunculus cymbalaria* - A.

2

7. - *Veronica*

2

8. - *Phlox*

1

9. - *Lepidium*

A.

1

10. - *Leguminosa* *Viola*

1

11. - *Thlaspi*

x

3

12. - *Draba* - yellow

x

6

13. - *Radiata* - *Balsamorhiza* ~~dentata~~

2

14. - *Astragalus* - pink - *myriophyllum* (Purshii?) A.

4

15. - *Borraginaceae*

16. - *Malvastrum coccineum*

x

2

17. - *Cupressus*

18. - *Cynoptera* - yellow - A.

8

19. - *Leguminosa*

x

2

20. - *Galium*

3

21. - *Scirpus*

1

22. - *Erigeron*

1

23.	<i>Purshia trilobata</i> - very fragrant		3	M
24.	<i>Astragalus</i> - purple - color pressed		4	1
25.	<i>Penstemon</i> - 2°		2	2
26.	<i>Comandra</i>		1	3
27.	<i>Borragracea</i>	x	6	4
28.	<i>Quercus</i> - A.	x	2	5
29.	<i>Viola</i> - A.		1	6
30.	<i>Ligulate</i> <i>Calais nutans</i>		2	7
31.	<i>Pedicularia</i>		3	8
32.	<i>Senecio</i>		3	9
33.	<i>Lilacea</i> - A.	x	10	10
34.	<i>Amaranthus</i>		1	11
35.	<i>Rubus</i>		4	12
36.	<i>Claytonia</i>		12	13
37.	- <i>Myrica</i>		4	14
38.	<i>Trillium</i>		2	15
39.	<i>Acer</i> - A.		5	16
40.	Moss		2	17
41.	<i>Comp</i>	x	5	18
42.	<i>Toxicum</i> <i>Dandelion</i>	x	2	19
43.	<i>Salpiglossis</i> <i>Murphyi</i> - A		2	20
44.	<i>Vicia</i>	x	4	21
45.	Moss		2	22
46.	<i>Trillium</i>		1	23
47.	<i>Lithospermum</i>		2	24
48.	<i>Plum</i> - A		2	25
49.	Moss		1	26
50.	<i>Silene</i>	x	2	27
51.	<i>Ligulate</i> <i>Monarda</i> <i>grandiflora</i>		1	28

May 14th - Salt Lake City - Spur north + Lower City Creek Canyon

1	1. - <i>Layia</i>		3
	2. - <i>Onagracea</i>		5
1	3. - <i>Oenothera albicaulis</i>		1
6	4. - <i>Borraginaceae</i> - white		2
2	5. - <i>Phacelia</i> - white		1
1	6. - <i>Gayophytum</i>		1
2	7. - <i>Sitospurium</i> - yellow	x	1
3	8. - <i>Oenothera caespitosa</i>		2
	9. - <i>Gilia</i> - 3°		1
	10. - <i>Abourea</i>	x	4
	11. - <i>Eragrostis</i>	x	2
8	12. - <i>Umbellifer</i>		1
2	13. - <i>Erigeron pumilum</i>		5
4	14. - <i>Umbellata</i>		2
2	15. - <i>Antennaria</i>	x	29
5	16. - <i>Leguminosa</i> - pink		4
2	17. - <i>Chenopodiaceae</i>		2
5	18. - <i>Quercus</i>		4
2	19. - <i>Cochilia</i>		1
2	20. - <i>Rhus</i>		4
4	21. - <i>Vicia</i>	x	9
2	22. - <i>Crataegus</i>		16
1	23. - <i>Sisymbriaceae</i>		1
2	24. - <i>Betulaceae</i>		9
8	25. - <i>Cornus</i>		2
1	26. <i>Sally</i>		4
2	27. - <i>Borraginaceae</i>		1
1	28. <i>Rhus Toxicodendron</i>	x	2

May 19th - Salt Lake City - Up City Creek Cañon, 8 miles, to the Falls.

1. - <i>Stephanomeria</i>	<i>Lycopodium juncea</i> x	1	
2. - <i>Ligularia</i>	<i>Macrorhynchus grandiflorus</i>	2	
3. - <i>Viola</i>		5	2
4. - <i>Carex</i>		1	0
5. - <i>Poa</i>		2	4
6. - <i>Ranunculus</i>		3	5
7. - <i>Stemmenyxis</i>		1	6
8. - <i>Fraxino</i> - yellow		3	7
9. - <i>Asplenium</i>		2	8
10. - <i>Yucca</i>	x	4	9
11. - <i>Cercocarpus</i>		1	10
12. - <i>Potentilla</i>		3	11
13. - <i>Radiata</i>	x	3	12
14. - <i>Thymus</i>		3	13
15. - <i>Stellaria</i>		5	14
16. - <i>Umbellata</i> - yellow	x	2	15
17. - <i>Acer</i> - <i>acer</i>	x	4	16
18. - <i>Arabis</i>		4	17
19. - <i>Corydalis</i>	x	9	18
20. - <i>Ribba</i>	x	7	19
21. - <i>Setaria</i>	x	4	20
22. - <i>Smilacina</i>		3	21
23. - <i>Ribes</i>		3	22
24. - <i>Malva</i>		3	23
25. - <i>Sanionurus</i>	x	6	24
26, 27. - <i>Saxifraga</i>		4	25
28. - <i>Liaca</i> - <i>fragrans</i>	x	4	26
29. - <i>Fritillaria</i>		1	27
30. - <i>Allium</i>		2	28
31. - <i>Saxifraga</i> - <i>patula</i>		2	29

May 21 Salt Lake City - over the hills.

1	over the hills.	
2	2. Senecio	5
5	2. Fedia	
1	3. Liliaceae	Mauvohydrus laciniatus
2	4. Lithospermum	
3	5. Abies	3
1	6. Gentiana albicaulis	
3	7. Malvastrum	4
2	8. Silene	2
4	9. Calochortus	1
1	10. Celtis	10
3	11. Cornus - myrica part	11
3	12. Senecio glaucostemmis - yellow	4
3	13. Bromeliaceae	2
	14. Nerium	2
2	15. Rosa	5
4	16. Prunus	6
1	17. Ligularia	Cypripedium
2	18. Ranunculus	Diphysa micoides
7	19. Minuartia	2
4	20. Thalictrum	2
3	21. Prunus	
3	22. Ranunculus	
3	23. Ranunculus - 3	
5	24. Salix	
4	25. Ranunculus - 4	2
1	26. Ericogonum	1
1	27. Phellipendula	1
2	28. Ranunculus	2

29. - *dimorphum*
 30. - Umbellifer - (*Pseudomonas*?)

May 22^e. - Salt Lake City - Cañon south of City Creek Cañon,

1. - Phacelia
 2. - Fern

May 27^e. - Salt Lake City - City Creek Cañon

1. - *Aquilegia* - light yellow - 2-5° x
 2. - *Linum*
 3. - *Coryx*
 4. - *Campanula*
 5. - *Solanum*
 6. - *Silene*
 7. - Fern - rocks - capromerita. x
 8. - Lichen
 9. - Moss
 10. - *Lupinus*
 11. - *Vicia* x
 12. - *Vicia Americana* (?)
 13. - Phacelia x
 14. - *Spiraea* x
 15. - Phacelia
 16. - *Thalictrum* x
 17. - Labiate x
 18. - *Arabis*
 19. - *Schizanthus*
 20. - *Sonchus asper*
 21. - *Trigonon subleucostemum*
 22. - *Piper*

1	23
3	21
2	22
5	26
3	21
2	20
1	1
2	1
5	2
1	4
3	5
12	6
1	7
2	8
6	9
2	10
3	11
7	12
1	13
5	14
2	15
3	16
1	17
2	18
3	19
1	20
2	21
1	22

1	23. - <i>Horraginae</i>		2
2	24. - <i>Echinops</i>		2
	25. - <i>Polemonium</i>		2
5	26. - <i>Smilacina</i> (?)	x	5
5	27. - <i>Sedum</i>		1
3	28. - <i>Moss</i>		1
0	29. - <i>Stellaria</i>		6
			91

May 28th - Salt Lake City, - City Creek Cañon.

2	1. - <i>Penstemon</i>		3
1	2. - <i>Polemonium</i>	<i>ca. bincensis</i>	1
5	3. - Umbellifer		4
1	4. - <i>Mihla</i>	x	1/2
3	5. - <i>Frikkaria</i>		1
12	6. - <i>Phacelia</i>		1
1	7. - <i>Labiata</i>		1
2	8. - <i>Cross</i>		2
6	9. - <i>Moss</i>		2
2	10. - <i>Symphoricarpos</i>		2
			34

May 29th - Salt Lake City - Whiff creek side of City Creek cañon.

1	1. - <i>Chamaedix</i>	<i>boylei</i>	near camp	1	
	2. - <i>Doaba</i>	"	"	2	
1	3. - <i>Digulabo</i>	<i>stephanomeria</i>	<i>patriculata</i>	x	1
5	4. - <i>Oenothera</i>	<i>albicaulis</i>	"	"	2
2	5. - <i>Lycopodium</i>	<i>Aljenua</i>	"	"	2
3	6. - <i>Eriogonum</i>	"	"	"	2
1	7. - <i>Abronia</i>	"	"	"	5
2	8. - <i>Lythagineae</i>	"	"	x	2
1	9. - <i>Compositae</i>	<i>Chrysopsis</i>	<i>illinoensis</i>	x	2

10. - <i>Panicum</i>			1	14
11. - <i>Saxifraga</i>			11	2
12. - <i>Melilotus</i>			2	2
13. - 14. - Moss			2	2
15. - <i>Hypoxis</i>			1	2
16. - Lichen			3	2
17. - <i>Cyperus</i>			2	2
18. - <i>Scirpus</i>			4	2
21. - <i>Verbena</i>		x	3	2
22. - <i>Idemonea</i>	<i>lit. inconspicua</i>		4	7
			15	2

May 31st - Salt Lake City - 1/2 flat, across Jordan, & back

1. - <i>Crocifera</i>	water	x	6	3
2. - <i>Ericacea</i>	marsh	x	12	3
3. - <i>Ranunculus sceleratus</i>	water		3	
4. - <i>Veronica</i>	"		2	
5. - <i>Cary</i>	"		1	
6. - <i>Linum</i>	meadow		3	2
7. - <i>Ligulate infirmum</i>	meadow	x	5	3
8. - <i>Styridium</i>	"		6	4
9. - <i>Ligulate</i>	"	<i>Macropus - trochilus</i>	3	
10. - Grass	"		2	
11. - <i>Utricularia</i>	salt meadow		1	
12. - <i>Ranunculus divaricatus</i>			5	2
13. - <i>Heliotropium</i>			5	3
14. - <i>Urtica</i>			5	4
15. - <i>Cicuta</i>			6	5
16. - <i>Trigonon punctatum</i>			1	6
17. - <i>Asphodelaceae</i>			2	7
18. - <i>Echinops</i>			2	6

1	19. - <i>Spergularia</i> (?)	Sage brush	12
11	20. - <i>Senecio</i> sp.	meadow	1
2	21. <i>Ligularia</i>	louis nutans	1
2	22. - <i>Epilobium</i>	Sage brush	1
1	23. - <i>Draba</i>	"	2
3	24. - <i>Draba</i>	"	5
6	25. <i>Plantago</i>	"	10
3	26. - Moss	"	1
3	27. - <i>Veronica</i>	"	1
4	28. - <i>Triglochin</i>	meadow	3
5	29. - <i>Potentilla</i>	meadow	6
6	30. - <i>Crocifera</i>	meadow	3
6	31. - <i>Eriogonum</i>	meadow near aquatic	2
2	32. - <i>Vicia</i>	"	3

(757-501)

2	June 2 ^o - Banks of Jordan - near mouth		
1	1. - Grass - "Cory grass"		3
3	2. - <i>Gorgonium</i>		4
3	3. - <i>Carex</i>		5
4	4. - <i>Carex</i>		5

2	June 3 ^o - meadow at mouth of Jordan, & Antelope Island		
1	1. - <i>Hesperis matronalis</i>	meadow - aquatic	2
5	2. - <i>Lupinus</i>	"	5
5	3. - <i>Plantago</i>	"	2
5	4. - <i>Veronica</i>	"	1
6	5. - <i>Eriogonum</i>	"	1
1	6. - <i>Draba</i>	"	1
2	7. - <i>Carex</i>	"	2
2	8. - <i>Carex</i>	"	1

9.	<i>Juncus</i>		2	39
10.	<i>Cnicus</i>	under grass road	3	40
11.	<i>Thymus</i>	" " "	6	41
12.	<i>Thymus</i>	" " with last	4	42
13.	<i>Plantago</i>	meadow	8	43
14.	<i>Ligula</i>	Calais meadows	1	44
15.	<i>Sida</i>	Chateau Island - meadow	7	45
16.	<i>Calochortus</i>		1	46
17.	<i>Quercus</i>		1	47
18.	<i>Sida</i>		1	48
19.	<i>Scilla</i>		3	49
20.	<i>Cochlearia</i>		1	50
21.	<i>Diapensia</i>		1	
22.	<i>Allium</i>		1	
23.	<i>Sida</i>		2	
24.	<i>Asplenium</i>		2	
25.	<i>Asplenium</i>		3	
26.	<i>Crociis acuminata</i>		5	4
27.	<i>Senecio</i>		1	5
28.	<i>Phacelia</i>		1	6
29.	<i>Sida</i>		1	7
30.	<i>Senecio</i>		1	8
31.	<i>Sida</i>		1	9
32.	<i>Senecio</i>		1	10
33.	<i>Polypodium</i>	with <i>incrustans</i>	1	11
34.	<i>Arabis</i>		1	12
35.	<i>Senecio</i>		1	13
36.	<i>Senecio undulatus</i>		1	
37.	<i>Colloxia</i>	<i>lucida</i>	6	
38.	<i>Sida</i>		2	

2	39.	Umbellifer	-	6
3	40.	Onostema		2
6	41.	Rosa		2
4	42.	Delphinium		2
8	43.	Erysimum		1
1	44.	Fern		5
7	45.	Phacelia		1
1	46.	Radiata	- summit 2 ft high 10.0. - 11.0.0.0	2
1	47.	Thrypsia		1
1	48.	Prunus		1
3	49.	Rhus		1
1	50.	Silene		4
			(509 52)	11

1	June 4 th	Antelope Island	-	30 prae.
2	1.	Plantago		2
2	2.	Juncea		1
3	3.	Lipulate	Macrorhynchus laciniatus	1
5	4.	Lipulate	Calaix rubra	1
1	5.	Eriogonum		2
1	6.	Geranium	low can	6
1	7.	Phacelia		3
1	8.	Thrypsia		1
1	9.	Collinsia	2 ft high	1
1	10.	Yucca filifera		1
1	11.	Euphorbia	low can	1
1	12.	Prunus		1
1	13.	Allium	peak	2
			(114-14)	25

June 6th - Antelope Island - Lake shore -

1. - <i>Lycopodium juncea</i>	1
2. - <i>Rorajinassa</i>	3
3. - Grass	1
4. - <i>Philipia</i>	2
5. - <i>Diaprasa</i> - white	2
6. - Unknown - Spring mound: <i>Camassia cuneata</i> (921)	8
	1)

June 7th - Antelope Island - S. Table Peak

1. - <i>Spiralera</i> - white - meadow	3
2. - <i>Boley</i> (?? - <i>boleyoid</i>), heads in advance of crop x	6
3. - <i>Gymnophyton</i> , white	2
4. - <i>Stawleya</i>	1
5. - Grass	1
6. - <i>Scirpus</i>	1
7. - <i>Lycopodium juncea</i>	1
8. - <i>Lupinus</i>	1
9. - <i>Stipa</i>	2
10. - <i>Epilobium</i>	1
11. - <i>Lithospermum</i> - Spring x	6
12. - Grass	3
13. - <i>Scirpus</i>	1
14. - <i>Scirpus</i>	11
15. - <i>Tronchocarpus</i> - sand	6
16. - <i>Tronchocarpus</i>	1
	4)

921

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a

Antelope Island - mostly strata of gneissic rocks = gneiss, conglomerate, quartzite, mica slate, etc. - The main peak is limestone in a thin stratum (20 feet or less), metamorphosed & slaty on each side, strike $N 30^{\circ} W$ magnetic, dip nearly vertical (varying 5° each way.) The gneissic strata on each side are nearly conformable. From the main ridge a little south of the peak an spur extends westward which, beyond a prominent stratum of mica slate belonging to the main ridge, ~~is~~ composed mostly of a gneiss-like rock with apparently a double strike & dip - one parallel with that of the main axis ($N 30^{\circ} W$ & vertical) - the other at right angles ($S 55^{\circ} W$, dip $45^{\circ} S$)

Stansbury Island - mostly limestone, with prominent strata of light colored quartzite. Strike not accurately determined - some of the lower limestone strata on each side varied from N to $N 50^{\circ} W$ - a ~~stratum~~ ^{stratum} of quartzite in the south end of the island ranged $N 14^{\circ} E$. The highest peak is limestone & the mountain ridge forms an arc of a circular axis, dip about 70° in each direction. The limestone is generally fossiliferous, abounding in *Meristites* etc. The quartzite varies from a compact rock to granular laminae. The upper terrace line is marked by an abundant tuffaceous deposit.

Carriington Island - mostly slate, with quartzite & conglomerate - strike $N 35^{\circ} E$, dip $77^{\circ} W$

Black Rock Ridge - limestone.

Pilot Rock Point - limestone - strike $N 50^{\circ} W$, dip $15^{\circ} E$

Alum Bay - near lower point a dike of various colored quartzite running easterly - above, slate, dipping about $21^{\circ} E$.

June 10th - Black Rock Station - up Canon

1. - <i>Scirpoidium</i>		4	1.
2. - <i>Geranium</i> - white		2	2
3. - <i>Erigeron</i>		2	3
4. - <i>Rumex</i>		1	4.
5. - <i>Erigeron</i> - in thick patches	<i>Erigeron annuus</i> (949-57)	2	5.
		11	6.

June 11th - Black Rock Station - near shore - & meadows at mouth of Tivilla creek - & Rabbit Island

1. - <i>Scirpoidium</i> - Black Rock		2	
2. - <i>Ribes</i> - currant berry - "	x	2	10.
3. - <i>Geranium</i> - white "		2	11.
4. - <i>Scirpoidium</i> "		4	12.
5. - <i>Yucca</i> "		1	13.
6. - <i>Erigeron</i> "		1	14.
7. - <i>Erigeron</i> "		5	15.
8. - <i>Geranium</i> - yellow "	2°	3	16.
9. - <i>Erigeron</i> - Tivilla meadow - grassland		1	17.
10. - <i>Yucca</i> "		8	
11. - <i>Erigeron</i>		1	
12. - <i>Scirpoidium</i>		1	
13. - <i>Chenopodium</i> "	Kochia	2	2
14. - <i>Yucca</i> - Rabbit Island		2	3
15. - <i>Erigeron</i> - "	x white-branched - 2 or 3 ft leaves thick	9	4
16. - <i>Sarcobatus</i>		3	5.
17. - <i>Erigeron</i> - "	white - narrow - leaves thick (1045-19)	11	6
		56	

June 12th - Stansbury Island - Rocky shore

4	1. - <i>Oenothera</i> - light pink		4
2	2. - <i>Chenopodiaceae</i>		3
2	3. - <i>Saxifraga</i> <i>Chamaejasme</i> + <i>Saxifraga</i>		5
	4. - <i>Scrophulariaceae</i> <i>Siphocampylus</i>		1
2	5. - <i>Malvaceae</i>		3
11	6. - <i>Cirsium</i> <i>undulatum</i> , var		1
	7. - <i>Borraginaceae</i>		1
	8. - <i>Borraginaceae</i>		1
2	9. - <i>Borraginaceae</i>		1
2	10. - <i>Radiata</i> - rocks <i>Chamaejasme</i> x		5
2	11. - <i>Oenothera</i> - white		5
4	12. - <i>Phlox</i> (?) - sandy ground x		5
1	13. - <i>Phlox</i> <i>Chamaejasme</i>		2
1	14. - <i>Oenothera</i>		1
5	15. - <i>Anemone</i> x		2
3	16. - <i>Borraginaceae</i> x		6
1	17. - <i>Oenothera</i>	(1001-50)	2

June 15 - Stansbury Island = Sunday

1	1. - <i>Tetradymia</i> <i>intertexta</i>		3
2	2. - <i>Eriogonum</i>		3
2	3. - <i>Phlox</i>		1
9	4. - <i>Phlox</i>		1
3	5. - <i>Anemone</i> "		1
1	6. - <i>Phlox</i> - white		1
1	7. - <i>Chamaejasme</i> <i>Chamaejasme</i>		3
	8. - <i>Chamaejasme</i>		1

(1001-50)

15

June 14th (1896) - Stansbury Island - along shore East side

1. <i>Desmodium illinoense</i>	2	17
2. <i>Conium maculatum</i> - white	1	18
3. Radish - rocks <i>Lepus texianus</i>	2	19
4. <i>Cypripedium pubescens</i>	2	20
5. <i>Asarum canadense</i>	1	21
6. <i>Aconitum</i>	2	22
7. <i>Delphinium</i> - rocks <i>Lepus texianus</i>	2	23
8. <i>Gaura</i>	1	24
9. <i>Asarum canadense</i>	1	25
10. <i>Asarum canadense</i>	8	26
11. <i>Asarum canadense</i> <i>Calceola linearifolia</i>	2	27
12. <i>Asarum canadense</i>	3	28

June 15th (1896) - Carrington Island - Stansbury Island S.

1. <i>Thalictrum</i>	5	31
2. <i>Phlox</i> <i>Lepus texianus</i>	5	32
3. <i>Asarum canadense</i>	2	33
4. <i>Asarum canadense</i>	3	34
5. <i>Asarum canadense</i>	3	35
6. <i>Asarum canadense</i>	4	36
7. <i>Asarum canadense</i> - <i>Asarum canadense</i>	4	37
8. <i>Asarum canadense</i>	3	38
9. <i>Asarum canadense</i>	1	39
10. <i>Asarum canadense</i>	1	40
11. <i>Chenopodium</i>	5	41
12. <i>Asarum canadense</i>	1	42
13. <i>Asarum canadense</i>	3	43
14. <i>Asarum canadense</i>	2	44
15. <i>Asarum canadense</i>	3	45

15	Unknown - grassland	x	12
17	Stephanandra - Triplovii		2
18	Oberea - Stansbury - west side - scrub beach		3
19	Conoclinium - strigosum	x	12
20	Ligulate Malacothrix obtusa	x	7
21	Hydrocotyle		3
22	Hydrocotyle (?)	x	10
23	Conoclinium		1
24	Polemonium filipes		
25	Mercurialis		
26	Cnicus	x	10
27	Polemonium		5
28	Chenopodium		9
29	Conoclinium		1
30	Cnicus		5
31	Gerardia		7
32	Malvastrum		
33	Gerardia		1
34	Bromeliaceae		4
35	Conoclinium		1
36	Chenopodium		1
(1-21)			

Mar 18 th - Pilot Rock Point - "Miles Island"			
1	Galium		5
1	Senecio		1
5	Astragalus		1
1	Compositae - ring Island		4
(1-24)			

June 20th - Promontory Point

1. - <i>Menziesia leucantha</i> - beach	1
2. - <i>Menziesia</i> "	1
3. - <i>Conyza</i> "	2
4. - <i>Stefania</i> <i>paniculata</i>	3
5. - <i>Dalmanea</i> - Alameda Bay	1
6. - <i>Salicornia</i>	2
7. - <i>Halimolobos</i>	1

(1309-21)

June 21st - Promontory Pt. Salt Lake City - Roadside

1. - <i>Menziesia</i>	1
2. - <i>Stefania</i>	1
3. - <i>Conyza</i>	4
4. - <i>Halimolobos</i>	2
5. - <i>Salicornia</i>	5
6. - <i>Stefania</i>	1
7. - <i>Conyza</i>	2
8. - <i>Halimolobos</i>	1
9. - <i>Stefania</i>	1
10. - <i>Conyza</i>	1
11. - <i>Halimolobos</i>	1
12. - <i>Stefania</i>	1
13. - <i>Conyza</i>	1
14. - <i>Halimolobos</i>	1
15. - <i>Stefania</i>	1
16. - <i>Conyza</i>	1
17. - <i>Halimolobos</i>	1
18. - <i>Stefania</i>	1
19. - <i>Conyza</i>	1
20. - <i>Halimolobos</i>	1
21. - <i>Stefania</i>	1
22. - <i>Conyza</i>	1
23. - <i>Halimolobos</i>	1
24. - <i>Stefania</i>	1
25. - <i>Conyza</i>	1
26. - <i>Halimolobos</i>	1
27. - <i>Stefania</i>	1
28. - <i>Conyza</i>	1
29. - <i>Halimolobos</i>	1
30. - <i>Stefania</i>	1

(1309-22)

June 22 - City to Kimball's, through Portage Cairns

1.	Clarkia	x	4
2.	Collomia	L. pedifera	1
3.	Labiata		1
4.	Oenothera		1
5.	Erigeron		3
6.	Monticola		2
7.	Melilotus	x	1
8.	Linum catharticum	x	1
9.	Verbena		2
10.	Penstemon	x	1
11.	Galium		2
12.	Chenopodium	x	3
13.	Gilia pusilla		1
14.	Rumex	x	4
15.	Tropaeolum	x	1
16.	Veronica		2
17.	Asclepias	Macrorhynchus texensis	1
18.	Viola		1

(1846-59)

June 23^e - Kimball's - Creek bank

1.	Moss		2
2.	Hepatica		1
3.	Veronica		2
4.	Stellaria		1
5.	Cnicus - yellow - creek		2
6.	Cnicus - white		2
7.	Carex		1
8.	Carex		1
9.	Alnus		2

10 - <i>... ..</i>	1	1
11 - <i>... ..</i>	1	
12 - <i>Polemonium</i>	3	
13 - <i>... ..</i>	6	
14 - <i>... ..</i>	5	1
15 - <i>... ..</i>	1	2
16 - <i>... ..</i>	7	2
17 - <i>... ..</i>	6	4
18 - <i>... ..</i>	3	5
19 - <i>... ..</i>	2	6
20 - <i>... ..</i>	1	7
21 - <i>... ..</i>	1	8
22 - <i>... ..</i>	5	9
23 - <i>... ..</i>	1	10
24 - <i>... ..</i>	3	11
25 - <i>... ..</i>	1	12
26 - <i>... ..</i>	2	13
27 - <i>... ..</i>	1	14
28 - <i>... ..</i>	1	15
29 - <i>... ..</i>	3	16
30 - <i>... ..</i>	1	17
31 - <i>... ..</i>	1	18
32 - <i>... ..</i>	1	19
33 - <i>... ..</i>	2	20
34 - <i>... ..</i>	1	21
35 - <i>... ..</i>	3	22
36 - <i>... ..</i>	1	23
37 - <i>... ..</i>	1	24
38 - <i>... ..</i>	1	25
39 - <i>... ..</i>	1	26
40 - <i>... ..</i>	1	27

40. - Crucifera - white

1

41. - Scrophularia

1

1.5 1.5

June 24th - Parley's Park Camp. - Up cañon, back by river.

1. Zigadenus

4

2. - Onosmodium

4

3. - Crucifera - white

2

4. - Crucifera - yellow

1

5. - Vicia

2

6. - Linum

2

7. - Myrtia - unguiculate

2

8. - Cerastium

7

9. - Claytonia

1

10. - Unknown

x

12

11. - Delphinium

2

12. - Crucifera - white

1

13. - Polemoniaceae

1

14. - Galium

1

15. - Minuartia

1

16. - Galium

1

17. - Carex

1

18. - Lithospermum

x

2

19. - Polygonum

12

20. - Sidalcea

5

21. - Trifolium

1

22. - Fungus

4

23. - Epilobium

1

24. - Smilacina

2

25. - Lithospermum

1

26. - Polypodium

1

27. - Stellaria		1	
28. - Misia	x	4	
29. - Lonicera		2	
30. - Costilleia		4	
31. - Crucifer		3	
32. - Crucifer		1	
33. - Phacelia		3	
34. - Thymus		1	
35. - Polemonium		4	
36. - Valeriana		1	
37. - Coryx		4	
38. - Coryx		3	
39. - Faber		2	
40. - Thalictrum		3	
41. - Alium		3	
42. - Polygonum	x	9	
43. - Astragalus	x	10	
44. - Rosa	y	4	
45. - Crucifer	x	2	
46. - Fabacea		1	
47. - Silene		10	
48. - Penstemon		2	
49. - Composita		1	
50. - Umbellata - yellow		3	
51. - Umbellata - white - perhaps same		3	
52. - Antocarpus !!		6	
53. - Triglochin	x	7	
	(1720-691)	209	

June 25th - Pate's Park Camp - up East Canon to top ridge.

- | | | | | | | |
|-----|--------------|---|------------|---|-------------------------|----|
| 1. | Talium | — | — | — | — | 10 |
| 2. | Draba | | | | | 6 |
| 3. | Phliphora | | | | * | 1 |
| 4. | Astragalus | | | | | 1 |
| 5. | Sicken | — | Cottonwood | | | 5 |
| 6. | Gilia (?) | | — | | | 2 |
| 7. | Lithospermum | | — | | with or without bulbets | 6 |
| 8. | Sisymbrium | | | | Calais muraria | 1 |
| 9. | Ceranium | | — | | purple & white | 3 |
| 10. | Vicia | | | | | 1 |
| 11. | Castilleja | | | | | 1 |
| 12. | Cordia | | | | | 1 |
| 13. | Alnus | | | | | 3 |
| 14. | Smilacina | | | | | 5 |
| 15. | Claytonia | | | | | 1 |
| 16. | Abies | | | | | 2 |
| 17. | Smilacina | | | | | 3 |
| 18. | Polmonaria | | | | Cal. tenella | 8 |
| 19. | Majida | | | | | 3 |

(1900-1911)

June 26th - P. Park Camp - about camp + in next canon west, with alkali bottom

- | | | | | | | |
|----|--------------|--|--|--|--|----|
| 1. | Sidalcea | | | | | 1 |
| 2. | Polygonum | | | | | 10 |
| 3. | Sisymbrium | | | | | 2 |
| 4. | Myrtina | | | | | 2 |
| 5. | Composita | | | | | 1 |
| 6. | Balsamorhiza | | | | | 1 |
| 7. | Eriogonum | | | | | 1 |

8. - <i>Brodiaea</i>		11	
9. - <i>Cilex</i> <i>Thompsonii</i>		4	
10. - Grass - Spring in west cañon	x	16	
11. - Grass - with bark		3	
12. - <i>Hypochaeris</i>		1	
13. - <i>Eriogonum glabellum</i>		1	
14. - <i>Ligularia</i>	<i>Catalpa nutans</i>	2	
15. - <i>Ligularia</i>	<i>Catalpa nutans</i>	2	
16. <i>Trifolium</i>		3	
17. - <i>Gnaphalium</i>		1	
18. - Grass - alkali water		10	
19. - <i>Argemone</i> - mud	x	14	
20. <i>Polyp</i>		5	
21. - <i>Scirpus</i>		1	
22. - <i>Liliaceae</i>		2	
23. - <i>Liliaceae</i>		1	
24. - <i>Liliaceae</i>		1	
25. - <i>Bismarckia</i>		1	
26. - <i>Conoclinium</i>		1	
27. - <i>Conoclinium</i>		1	
28. - Grass	x	5	
29. - <i>Viola</i>	x	9	
30. - <i>Sedum</i>		8	
31. - Umbelliferae - yellow		5	
		<hr/>	
		123	

(1906-911)

June 29 th . - Parley's Park. - To peaks & canyons north of camp.		
11	1. - Helianthella	5
4	2. - Crucifer	3
10	3. - Lupinus	5
3	4. - Legumia	10
1	5. - Ribes	4
2	6. - Lyons	6
2	7. - Phacelia	1
3	8. - Lithospermum	1
1	9. - Umbellate	8
0	10. - Ranunculus	2
4	11. - Misia	3
5	12. - Actaea	2
1	13. - Sambucus	5
1	14. - Pisonia	5
1	15. - Scrophularia	2
1	16. - Aster	5
1	17. - Moss	1
1	18. - Clematis	2
1	19. - Cardamine	5
1	20. - Vitellia	1
1	21. - Apocynaceae	1
5	22. - Veroniceae	7
1	23. - Malvaceae	1
3	24. -	2
1	25. -	1
1	26. -	1
1	27. -	1
1	28. -	1
1	29. -	1
(81-100)		

June 29th - Canonville Camp to ...

1. - Chenopodium (3)	2	3
2. - Crucifer	1	3
3. - Grass	1	
4. - Valeriana	4	
5. - Grass	2	
6. - Potentilla	7	1.
7. - Potentilla	1	2.
8. - Potentilla	1	3.
9. - Senecio	3	4.
10. - Carex	7	5.
11. - Carex	12	6.
12. - Saxifraga	1	7.
13. - Saxifraga	10	8.
14. - Carex	1	9.
15. - Rumex	2	10.
16. - Potentilla	5	11.
17. - Ranunculus	2	12.
18. - Euphorbia	12	13.
19. - Orchidacea	2	14.
20. - Potentilla	1	15.
21. - Ranunculus	2	16.
22. - Phaulica	10	17.
23. - Phaulica	1	18.
24. - Artemisia	1	19.
25. - Ceanothus	1	20.
26. - Poa	5	21.
27. - Silene	1	22.
28. - Fragaria	1	
29. - Viola	1	

30. - Malictrum
 31. - Cordylanthus
 32. - Malvastrum

(2095-105)

2

5

3

114

June 30th. - Kelly's Lake Camp. - Ridge & cañon north & west.

1. - Sicymbrium

3

2. - Polygonum

4

3. - Gayophytum

6

4. - Potentilla

2

5. - Crepis acuminata

2

6. - Castilleja

2

7. - Umbellata

3

8. - Opuntia

8

9. - Chaenochloa ^{pink & white flowers on same plant}

3

10. - Aster ^{Mahoevortia canescens}

1

11. - Sabiada

2

12. - Astragalus

1

13. - Menchera

1

14. - Onoclea

10

15. - Gilia ^{var. ...} x

12

16. - Mentzelia

2

17. - Arnica ^{var. ...} x

12

18. - Moss

1

19. - Castilleja x

3

20. - Mitella

1

21. - Rubus

7

22. - Minuartia x

112

(2163-104)

68

July 1st - to Kimball's on our foothills + meadows south.

1. - <i>Sisyrinchium</i> - meadow	<i>E. glabellum</i>	4	1
2. - <i>Oenothera</i>		10	7
3. - <i>Thymus</i> - rocks near Silver Creek		1	1
4. - <i>Ericaceum</i>	" "	1	
5. - <i>Linobazis</i>	" "	2	
6. - <i>Lythralis</i>	" "	1	
7. - <i>Malvastrum</i>	" "	6	
8. - <i>Polemonium</i> - Silver Creek		3	2
(2191-1091)		<hr/>	
9. - <i>Yucca</i> - <i>Balsamorhiza</i> - near Camp		2	3
10. - Umbellate	" "	1	4
11. - <i>Conium</i> - <i>Conium</i>	" "	2	5
12. - <i>Phytolacca</i>	" "	4	6
13. - <i>Chenopodium</i>	" "	2	7
14. - <i>Chenopodium</i>	" "	1	8
(2205-109)		<hr/>	
		40	9
			10
			11

July 3rd - Kimball's Station to Kansas Settlement + up cañon to Sawmill

1. - <i>Senecio</i> - Silver Creek		12	12
2. - <i>Urtica</i> - pink	<i>Urtica</i>	1	13
3. - <i>Conium</i> - Silver Creek		9	14
4. - <i>Urtica</i>	" "	10	15
5. - <i>Clematis</i> - " Cañon	" "	5	16
6. - <i>Astragalus</i> - " "	" "	2	17
7. - <i>Castilleja</i> - " "	<i>Urtica</i>	2	18
8. - <i>Panicum</i> - Crank back - top of Kansas	<i>Panicum</i>	2	19
9. - <i>Labiata</i> - " "	" "	1	20
10. - <i>Erythronium</i> - " "	" "	3	21
11. - <i>Asotus</i> - Sawmill		4	22

12.	Carex	Sawmill		1
13.	Oenothera	"	x	9
14.	Hypoxis	"		14
15.	Moss	"		1
			(22) 3-11	20

July 4 th - Pack's Cañon.				
1.	Apocynum	main cañon		2
2.	Chenopodium	beaver pond of side cañon		6
3.	Moss	"	x	6
4.	Alga	"	x	3
5.	Phacelia	side cañon		1
6.	Chenopodium	"		1
7.	Aconitum	"		1
8.	Cardamine	"		4
9.	Potentilla	"		1
10.	Sedum	limerocks		2
11.	Cercocarpus	"	x	10
12.	Ribes	"		2
13.	Juniperus	virginiana	"	3
14.	Vesicaria	"		1
15.	Borraginacera	"		3
16.	Thlaspi	"	x	11
17.	Erysimum	"		1
18.	Cnicifer	"		4
19.	Streptanthus	"		8
20.	Alnus	Euphorbia		1
21.	Abies	(perhaps young forest - 26)		2
22.	Linum	(?)	x	3
23.	Penstemon			1

24.	Viola	mountain side, shade of pine	3	2
25.	Juniperus Communis		1	2
26.	Abies - with cones -	perhaps same	4	2
27.	Pinus - with cones		3	2
28.	Moss - bark a dead pine		3	2
29.	Moss - rocks		1	2
30.	Abies - single cone			2
			(2369-115)	96

July 5th - Camp Parli's Cañon to camp on headwaters of River in

1.	Viola - at camp		1	3
2.	Pinus (yellow pine)	with cones & bark	x	3
3.	Pinus (red pine)	"	x	2
4.	Peperomia			1
5.	...			0
6.	Hydrophyllum			1
7.	Distostaphylos	divide between forks a brook		5
8.	...	meadow near 20		6
9.	Phlox			5
10.	Abies	with cones ^{not} same as 7, 4, 16		2
11.	Moss	same leaf		5
12.	Abies	fork bottom		1
13.	...	"		2
14.	Abies	mountain side near cones		7
15.	...	"	"	6
16.	Phlox	"	"	6
17.	Abies	"	"	2
18.	...	"	"	1
19.	Abies	"	"	7
20.	...	"	"	7

3	21. - Ericaceae	mountain side - shade	x	3
1	22. Ribes	"	"	3
1	23. - Lichen	"	"	1
3	24. - Lichen	"	"	2
3	25. - Viola	"	"	5
	26. - Umbellatae	summit	x + meadow	5
	27. - Fern	"	"	5
6	28. - Euphorbia	meadow	"	2
	29. - Betula	river bank	x	7
	30. - Androsace	meadow	"	3
1	31. - Ranunculus	"	"	1
3	32. - Saxifraga	spring bank	"	5
2	33. - Penstemon	meadow	"	2
1	34. - Thalictrum	"	"	2

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July 5 - from camp on creek & Snowy River on "River Basin" & to summit of ridge overlooking Sulphur River canyon

6	1. - Vaccinium (?)	"	x	4
5	2. - Adiantum	forest	"	5
2	3. - Silene	meadow (glauca)	"	5
5	4. - Ranunculus	"	"	1
1	5. - Thalictrum	forest	"	6
2	6. - Shepherdia	"	"	2
1	7. - Ribes	creek	"	10
6	8. - Erigeron ochroleucus	summit & divide - 1 mi	"	6
6	9. - Saxifraga (?)	"	x	6
2	10. - Carex	"	"	6
1	11. - Carex	"	"	1
7	12. - Pines	shade	"	5
4	13. - Anemone	shade pines	x	11

16	Pinguicula	summit of ridge	x	2	1
17	Phlox	summit of ridge	x	1	1
18	Phlox	summit of ridge	x	2	1
19	Phlox	summit of ridge	x	1	1
20	Phlox	summit of ridge	x	4	1
21	Phlox	summit of ridge	x	1	1
22	Phlox	summit of ridge	x	8	1
23	Phlox	summit of ridge	x	9	2
24	Phlox	summit of ridge	x	11	2
25	Eriogonum	summit of ridge	x	12	2
26	Eriogonum	summit of ridge	x	2	2
27	Hesperis	summit of ridge	x	2	2
28	Ranunculus	summit of ridge	x	4	2
29	Conium	summit of ridge	x	1	2
				141	

July 7th - On ridge + down cañon towards Ducheyne Mine, + back by trail to camp + Forest

1	Phlox	Ducheyne cañon - hillside - dark bl. color	x	8	1
2	Phlox	" " " "	x	2	1
3	Phlox	" " " "	x	5	1
4	Streptopus	" " " "	x	7	2
5	Vaccinium	" " " "	x	1	2
6	Phlox	" " " "	x	3	1
7	Phlox	" " " "	x	11	1
8	Phlox	" " " "	x	6	1
9	Phlox	" " " "	x	1	1
10	Phlox	" " " "	x	5	1
11	Phlox	" " " "	x	5	1

1	12.	- Aquilegia	- bank of camp River	3
	13.	- Stelleria	- shaded bottom of camp	9
2	14.	- Pyrola	" "	15
2	15.	- Streptopus	" " x	-
1	16.	- Coniopsis	" "	1
4	17.	- Allium	" " x	9
1	18.	- Compositae	" <i>Senecio tridecylorice</i>	1
6	19.	- Thalictrum	" "	2
2	20.	- <i>Aconitum</i>	" "	1
1	21.	- Pyrola	" " x	48
	22.	- Coniopsis	" "	2
2	23.	- <i>Gilia</i> <i>limifera</i>	" "	1
2	24.	- Carex	" "	2
2	25.	- Carex	" "	6
4	26.	- Carex	" "	6
1	27.	- Galium	" "	4
41	28.	- <i>Lonicera</i>	" "	1
	29.	- <i>Cornus</i>	" "	3
	30.	- <i>Salix</i>	" "	2

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July 8th - Down to camp in Park's Cañon.

2	1.	- Umbellati.	- River bottom by camp	1
2	2.	- <i>Conioselinum</i> (?)	" " x	8
	3.	- <i>Bromella</i>	- steep hill, shade of pines x	1
11	4.	- <i>Erigeron</i>	- <i>heterophyllus</i> , B. "D	2
3	5.	- <i>Viola</i>	" " wet x	6
11	6.	- <i>Epilobium</i>	" " " 6'	2
6	7.	- <i>Compositae</i>	" "	1
1	8.	- <i>Juncus</i> (?)	" "	6
5	9.	- <i>Alnus</i>	" "	-

10. *Polygonum* - stringer mill (27 x 2 - 170) 5

July 9th - From Sawmill in Pack's Cañon to Heber City + to head of Prevost Cañon. 30

1.	<i>Strepitanthus</i>	- edge of woods near camp		1
2.	<i>Hemulus</i>	- edge of stream	x	1
3.	<i>Pansethemum</i>	- meadow	x	6
4.	<i>Anemone</i>	- dry rocks in cañon from Kansas prairie	x	2
5.	<i>Poa</i>	" "		1
6.	<i>Strophium</i>	" "		3
7.	<i>Polygonum</i>	- creek bank " "		7
8.	<i>Hotsagulus</i>	- hillside		2
9.	<i>Claytonia</i>	- Prevost valley - above Heber - meadow, wet		6
10.	<i>Viola</i>	" " " "		1
11.	<i>Lupinus</i>	<i>confinis</i> <i>undulata</i>	" "	1
12.	<i>Scotium</i>	" " " "		4
13.	<i>Lupinus</i>	" " " "	x	4
14.	<i>Viola</i>	" " " "		4
15.	<i>Taurinum</i>	!" " "		3
16.	<i>Desmodium</i>	- Heber prairie - sagebrush	x	10
17.	<i>Thalictrum</i>	- Prevost valley <i>M. pulchellum</i>		1
18.	<i>Linum</i>	- Camp - river bank		5
19.	<i>Viola</i>	" " " "	59	1
20.	<i>Viola</i>	" " " "		1
21.	<i>Viola</i>	" " " "		1
22.	<i>Polygonum</i>	" " " "		2
23.	<i>Viola</i>	" " " "		1
24.	<i>Scutellaria</i>	" " " "	x	10
25.	<i>Petalis</i>	" " " "		1
26.	<i>Viola</i>	" " " "		2

27. - *Juncaea* - Bl

28. - *Carex*

(2474-144)

1
10
92

July 10th - Down Canon 13 miles, up canon of north
fork of Lovest. -

- | | | |
|----|---|----|
| 1 | 1. - <i>Glycyphiza</i> - Dry grass hill | 1 |
| 6 | 2. - <i>Lupinus</i> " | 5 |
| 2 | 3. - <i>Oenothera</i> - meadow | 2 |
| 1 | 4. - <i>Oenothera</i> - " perhaps sub distinct. | 1 |
| 3 | 5. - <i>Antennaria</i> - low | 11 |
| 7 | 6. - <i>Lupinus</i> - dry meadow | 7 |
| 6 | 7. - <i>Asclepias</i> - dry grass hill | 1 |
| 6 | 8. - <i>Compositae</i> - <i>Wisnienia nudiflora</i> (same as 32?) | 3 |
| 1 | 9. - <i>Oenothera</i> " with next | 2 |
| 1 | 10. - <i>Oenothera</i> " | 2 |
| 4 | 11. - <i>Salicaria</i> - river bank | 2 |
| 4 | 12. - <i>Desmodium</i> " | 1 |
| 4 | 13. - <i>Clarkia</i> - mountain side | 6 |
| 3 | 14. - <i>Gnaphalium</i> | 3 |
| 10 | 15. - <i>Wibblichia</i> " dry hill | 1 |
| 1 | 16. - <i>Chenopodium</i> " " | 3 |
| 5 | 17. - <i>Sida</i> " " | 2 |
| 1 | 18. - <i>Gilia</i> - <i>californica</i> " " | 1 |
| 1 | 19. - <i>Lupinus</i> " " | 1 |
| 1 | 20. - <i>Spizium</i> " " | 1 |
| 2 | 21. - <i>Chenopodium</i> " " " | 1 |
| 1 | 22. - <i>Artemisia</i> " " " | 1 |
| 10 | 23. - <i>Wibblichia</i> " " " | 1 |
| 1 | 24. - <i>Abies</i> (+ cones) | 1 |
| 2 | 25. - <i>Thermopsis</i> | 1 |

26.	Fritillaria			1	
27.	Pteris			2	
28.	Composita	stem elong - nr. Engelmanni -		1	
29.	Rubus			1	
30.	Geranium			1	
31.	Mirapiracra			1	
32.	Coccoloba	bell-shaped -	x	2	
33.	Asclepias	white		4	
34.	Asclepias	along		1	
35.	Asclepias	along bank		5	
36.	Asclepias ?	at camp		4	
37.	Asclepias	limestone ridge		2	
38.	Asclepias	" cañon		3	
39.	Asclepias	"		2	
40.	Asclepias	" ridge	x	12	
41.	Asclepias	"	x	1	
42.	Asclepias	"		2	
43.	Asclepias	"		8	
44.	Dysimachia	bottom shade	x	4	

(30-n-15)

July 11 th - from cañon to ... valley					
to Battle Creek					
1.	Asclepias	rocky river bank		2	
2.	Asclepias	" " " "	x	7	
3.	Asclepias	roadside		7	
4.	Asclepias		x	6	
5.	Asclepias			4	
6.	Asclepias			4	
7.	Asclepias			6	

1. - Eriogonum - greenish white

30 4 - 100

3
40

July 12th - Battle Creek to mouth of Cotton Creek.

- | | | | |
|-----|--------------------------|--|-----|
| 1. | <i>Glycyrrhiza</i> | - creek meadow - "desert weed" | 1 |
| 2. | <i>Verbena</i> | " " " " " " | x 1 |
| 3. | <i>Rhus</i> | " " " " " " | 3 |
| 4. | <i>Solidago gigantea</i> | " " " " " " | 1 |
| 5. | <i>Argemone</i> | - dry bench | 4 |
| 6. | <i>Coltaria</i> | - American oak bottom very sandy | 1 |
| 7. | <i>Compositae</i> | <i>Michellia uniflora</i> " " " " | x 1 |
| 8. | <i>Trifolium</i> | <i>Mittelmanii</i> " " " " | " 2 |
| 9. | <i>Cactus</i> | - dry creek bank | 1 |
| 10. | <i>Cuscuta</i> | " " bottom | 9 |
| 11. | <i>Solidago laevis</i> | " " " dry | 4 |
| 12. | <i>Dracopis</i> | <i>axillaris</i> " " " berries | " 2 |
| 13. | <i>Chenopodium</i> | - hollow creek canyon - dry sand | x 7 |
| 14. | <i>Lambertia</i> | " " " " " " | 1 |
| 15. | <i>Eriogonum</i> | - bench | 7 |
| 16. | <i>Heliotropium</i> | little cottonwood bottom | 6 |
| 17. | <i>Salpiglossa</i> | - 54. cottonwood bottom - big cottonwood | 2 |
| 18. | <i>Sium</i> | " " " " " " | 2 |
| 19. | <i>Valeriana</i> | " " " " " " | 1 |
| 20. | <i>Lesimachia</i> | " " " " " " | 6 |
| 21. | <i>Polygonum</i> | " " " " " " | x 2 |
| 22. | <i>Rhus</i> | " " " " " " | x 4 |
| 23. | <i>Sida</i> | " " " " " " | " 2 |
| 24. | <i>Rhus</i> | " " " " " " | 1 |

(100 - 100)

4
4
6
1
4

July 13th - from Stuart's up 124 miles to ...

... sawmill.

1. <i>Asplenium</i> - <i>turner</i> - roadside	x	1
2. <i>Cactura</i>	"	2
3. <i>Rhus</i>	x	1
4. <i>Lantana</i>	x	5
5. <i>Opuntia</i>	x	1
6. <i>Penstemon</i>	- roadside	1
7. <i>Aster</i> <i>Boylei</i>	open bank	3
8. <i>...</i>	rocks, roadside - heavy, black	x
9. <i>...</i>	sandy, elevated	x
10. <i>...</i>	"	x
11. <i>...</i>	"	3
12. <i>...</i>	"	3
13. <i>...</i>	"	4
14. <i>...</i>	"	5
15. <i>...</i>	"	6
16. <i>...</i>	"	x
17. <i>...</i>	"	2
18. <i>...</i>	"	x
19. <i>...</i>	open	1
20. <i>...</i>	x	5
21. <i>...</i>	"	1

29.	<i>Cnicus</i>	rocks in high cañon	x	10
30.	<i>Rumex</i> 31	"		2
31.	<i>Umbellifer</i>	"		2
32.	<i>Oleaceae</i>	"	x	12
33.	<i>Parnassia</i>	wet rocks "		3
34.	<i>Cirsium</i> <i>triocephalum</i>	"		2
35.	<i>Clarkia</i>	rock side in main cañon		2
36.	<i>Orchis</i>	" " wet		1
37.	<i>Veronica</i>	" " "	x	6
38.	<i>Senecio</i>	" " "	x	5
39.	<i>Hieracium</i> <i>albiflorum</i>	" " "	x	4
				<hr/>
				51

(1874-1881)

July 14th - from Bironae to Cottonwood Lake, up mountain side
 & back to side cañon leading to divide.

1.	<i>Senecio</i>	crack bank		3
2.	<i>Thlaspi</i>	"		2
3.	<i>Gentiana</i>	"		2
4.	<i>Minuartia</i>	"		3
5.	<i>Thlaspi</i>	"		1
6.	<i>Callitriche</i>	wet bank		1
7.	<i>Doakia</i>	"		7
8.	<i>Aureolaria</i>	rock		2
9.	<i>Saxifraga</i> <i>serotina</i>	"		2
10.	<i>Epilobium</i>	"		6
11.	<i>Hepatica</i>	"	x	5
12.	<i>Hepatica</i>	"	x	3
13.	Moss	"		1
14.	Lichen	"		1
15.	<i>Trigonon</i>	"		2
16.	<i>Salix</i>	"		1

glaberrima
~~glaberrima~~

17	Lyellia - water - orange	Mucronhyphus troximoides	2
18	Lyellia - water		1
19	Lyellia - water		1
20	Lyellia - water		1
21	Lyellia - water		1
22	Lyellia - water		1
23	Lyellia - water		3
24	Lyellia - water		1
25	Lyellia - water		3
26	Lyellia - water		1
27	Lyellia - water		1
28	Lyellia - water	x	1
29	Lyellia - water		1
30	Lyellia - water	x	1
31	Lyellia - water		2
32	Lyellia - water		2
33	Lyellia - water		1
34	Lyellia - water		1
35	Lyellia - water		1
36	Lyellia - water		1
37	Lyellia - water		1
38	Lyellia - water		1
39	Lyellia - water		1
40	Lyellia - water		1
41	Lyellia - water		1
42	Lyellia - water		1
43	Lyellia - water		1
44	Lyellia - water		1
45	Lyellia - water		1
46	Lyellia - water		1
47	Lyellia - water		1
48	Lyellia - water		1
49	Lyellia - water		1
50	Lyellia - water		1
51	Lyellia - water		1
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93	Lyellia - water		1
94	Lyellia - water		1
95	Lyellia - water		1
96	Lyellia - water		1
97	Lyellia - water		1
98	Lyellia - water		1
99	Lyellia - water		1
100	Lyellia - water		1

47.	<i>Polygonum</i>			3
48.	<i>Erigeron</i>	<i>E. ...</i>	var. ...	1
49.	<i>Ribes</i>	"		6
50.	<i>Saxifraga</i>	"		1
51.	<i>Clematis</i>	"		3
52.	<i>Erigeron</i>	<i>E. ...</i>	x white	2
53.	<i>Aca-</i>	"		4
54.	<i>Aquilegia</i>		spots pale blue	1
55.	<i>Vicia</i>		shade of woods	1
56.	<i>Cilicium</i>			1
57.	<i>Sium</i>		granite rocks	
58.	<i>Ostrya</i>			2
59.	<i>Delphinium</i>			
60.	<i>Veronica</i>			2
61.	<i>Silene</i>		x	5
62.	<i>Linum</i>			1
63.	<i>Saxifraga</i>			2
64.	<i>Galium</i>			1
65.	<i>Grythosium</i>		swamp	1
66.	<i>Corydalis</i>		high, ...	
67.	<i>Delphinium</i>			
68.	<i>Arnica</i>		x	5
69.	<i>Senecio</i>			6

July 15th - from bivouac on divide, east canyon, & by ...
 to main camp in Park.

1.	<i>Corydalis</i>		damp rocky bank	x	10
2.	<i>Linum</i>				2
3.	<i>Erigeron</i>		path near bivouac	x	11
4.	<i>Delphinium</i>				5

5.	<i>Asplenium</i>	shaded bank creek	12
6.	<i>Juniperus</i>	" " "	2
7.	<i>Asplenium</i>	" " " grass	10
8.	<i>Thuidium</i>	" " "	5
9.	<i>Asplenium</i>	" " " " "	2
10.	<i>Asplenium</i>	summit	1
11.	<i>Ranunculus</i>	near snow summit	1
12.	<i>Asplenium</i>	rocks	2
13.	<i>Vicia</i>	"	1
14.	<i>Asplenium</i>	above pool, below summit	6
15.	<i>Asplenium</i>	" " "	3
16.	<i>Asplenium</i>	ridge cañon	2
17.	<i>Asplenium</i>	"	-
18.	<i>Asplenium</i>	ridge cañon <i>Macrostichus toxocarpus</i>	2
19.	<i>Asplenium</i>	"	1
20.	<i>Asplenium</i>	"	1
21.	<i>Asplenium</i>	" 3°	1

July 25 - Kirby Park Camp - cañon one side, down cañon to east
 creek & back.

1.	<i>Asplenium</i>	ridge by camp	2
2.	<i>Asplenium</i>	"	1
3.	<i>Hieracium</i>	cañon <i>H. Scouleri</i>	1
4.	<i>Empetrum</i>	<i>macranthum</i> "	10
5.	<i>Asplenium</i>	"	1
6.	<i>Asplenium</i>	"	1
7.	<i>Asplenium</i>	"	2
8.	<i>Asplenium</i>	"	1
9.	<i>Asplenium</i>	"	2
10.	<i>Asplenium</i>	"	4

0	11. - Aster	"falcatus"		4
2	12. - Onopordium	dry rocks		6
10	13. - Brunella	crack bank		1
	14. - Hesperis	"		1
2	15. - Thymus	"		1
1	16. - Alga	crack	x	2
	17. - Potentilla	" bank	x	6
2	18. - Galium	rocks		2
1	19. - L. sp.			10
0	20. - Phacelia			2

(36 - 1000)

July 17th - Parley Park Camp

1	1. Umbellifer	sagebrush in soil		3
	2. -	"		
	3. -	"		

July 20th - 7. peak South look of Camp.

1	1. Mud plant	side of pool in meadow	x	2
	2. -	"		0
	3. -	"		2
2	4. -	"		
1	5. -	"		1
1	6. -	"	x	5
2	7. -	"		2
1	8. -	"	x	6
1	9. -	"	x	4
2	10. -	"		2
1	11. -	"		2
2	12. -	"		7
4	13. -	"		1

14.	Silene	near summit	4
15.	Crepis	summit C. occidentalis	2
16.	Crepis	" " var. angustifolia	2
17.	Crepis	" "	1
18.	Arnica ^{latifolia}	near summit, north side	3
19.	Thlasia	north cañon, near summit	2
20.	Thlasia	" "	1
21.	Pentstemon	" "	1
22.	Thlasia macrantha	" "	3
23.	Thlasia	on pine	2
24.	Thlasia	" "	1
25.	Thlasia macrantha	" " rocks	4
26.	Thlasia	" "	1
27.	Delphinium	" "	1
28.	Moss	on a bank	1
29.	Pines	summit (with snow)	1
30.	Rubus	lower cañon fruit round, hispid, glaucous	3
31.	Silene	" "	1
32.	Thlasia	stream bank	1
33.	Sedum	meadow	1

3777-190.

July 21st Parley's Park Camp - ridge & salt flat west.

1.	Delphinium	- sage brush	5
2.	Delphinium	" "	2
3.	Sedum	" "	2
4.	Delphinium	- salt flat	4
5.	Delphinium (?)	- ridge & salt flat	4
6.	Cnicus	" "	2
7.	Madia (?)	" "	4
8.	Delphinium	" "	1

9. ~~Artemisia~~ (?) - creek bank

10. - Aquatic - nearby pool spring

11. - Castilleja - camp

(July 19 1901)

5
1
42

July 22^o - down Silver Creek cañon & over ridge to Camp

1. - Gayophytum - hillside

2. - Gayophytum " with least

3. - Eriogonum " " x

4. - Eriogonum " "

5. - Solidago gr. creek bank

6. - Galium - "

7. - Eriogonum hillside

8. - Erigeron - damp shade 2. Homocarpus

9. - Tetradymia hillside 7. ~~complanata~~

10. - Mistletoe

11. - Phacelia - hillside rocks

12. - Thelypodium - roadside in cañon x

13. - Scutellaria - creek bank

14. - Humulus "

15. - Solidago - ~~in cañon~~

13072-1901

5
7
6
4
1
1
2
6
2
4
1
6
5
1
6
5
1
53

July 24th - To Peak Mt. Camp

1. - moss - creek bank at Camp

2. - Delphinium - cañon

3. - Aster - towards summit - shade & ~~in~~ ~~cañon~~ ~~side~~ ~~of~~ ~~mountain~~

4. - Orchidaceae " "

5. - Astrogaleum - peak

13073-1901

1
1
6
7
4
53

July 26th - from Camp to Kimball's, down Weber Cañon
to camp on Weber fr. Hills, 1/2 miles below Winthrop.

1.	<i>Corydactylus</i> (?)	- near camp	1
2.	<i>Aster</i>	" <i>falcatulus</i>	3
3.	<i>Bonica</i>	- creek bank at Kimball's	11
4.	<i>Sida alba</i>	" "	5
5.	<i>Thelypodium</i>	" - Silver Creek Cañon	1
6.	<i>Melvastrum</i>	- hill side	1
7.	<i>Yolanisia</i>	- roadside	1
8.	<i>Cirsium montanum</i>	" "	2
9.	<i>Ranunculus</i>	- creek	6
10.	<i>Eriogonum</i>	- hillside	6
11.	<i>Scutellaria</i>	- roadside	6
12.	<i>Compositae</i>	" " <i>Helianthella Weberi</i>	3
13.	<i>Humbulus</i>	" "	2
14.	<i>Radiata</i>	<i>hillebr.</i> - Weber Valley	6
15.	<i>Illecebr.</i>	cañon	3
16.	<i>Gymnocarpium</i>	fruit white, oblong	2
17.	<i>Saxif.</i>	mountain 10'	2
18.	<i>Asparagus</i>	" creek bank	5
19.	<i>Silene</i>	" <i>saxifraga</i>	1
		(3958-192)	<u>65</u>

July 27th - from Weber to Lake & up into cañon to Hanging Rock.

1.	<i>Thelypodium</i>	fruits	4
2.	<i>Eriogonum</i>	"	3
3.	<i>Eriogonum</i>	"	5
4.	<i>Saxif.</i>	Hanging Rock - cluster of small white	1
5.	<i>Silene</i>	cañon bank	1
6.	<i>Saxif.</i>	"	1
7.	<i>Saxif.</i>	"	1

- | | | | | |
|-----|------------|------------------------------------|-------------|---|
| 8. | Suaeda | - ridge | | 1 |
| 9. | Scirpus | " | | 1 |
| 10. | Fragaria | - rocks in stream - hollow - cat's | | 1 |
| 11. | Asteroid | - ridge | glaucastris | 2 |
| 12. | Shepherdia | " | | 2 |
| 13. | Baccharis | " | | 3 |
| 14. | Salicornia | " | | 2 |
| 15. | Panicum | - wet hollow | | 5 |
| 16. | Juncus | " | | 2 |
| 17. | Orchard | " | green | 6 |
| 18. | Xyris | " | | 1 |
| 19. | Setaria | - ridge | | 2 |
| 20. | Castilleja | " | | 2 |
| 21. | Hesperis | " | | 2 |

(4042-192)

July 28th - To Wateahle & transition on Bear River

- | | | | | |
|-----|--------------|-----------------------------------|----------------|---|
| 1. | Radiata | - head of side canyon near tunnel | Alp. p. unifr. | 8 |
| 2. | Trichostema | - " " " " " tunnel | " | 4 |
| 3. | Astragalus | - Wateahle | | 1 |
| 4. | Tetragonia | - " " " | | 1 |
| 5. | Chenopodium | " | | 2 |
| 6. | Caryophyllus | " | " | 4 |
| 7. | Aster | - Bear River bottom | abundant | 1 |
| 8. | Asteriscus | - " foothill | 7. p. p. p. p. | 3 |
| 9. | Setaria | " | | 2 |
| 10. | Grass | " bottom | | 2 |
| 11. | Castilleja | " foothill | | 2 |
| 12. | Malvastrum | " | | 1 |
| 13. | Idem | " | " | 5 |

(4055-196)

July 29th - Bear River & Franconia - along bluffs north of river to
to crown peak.

1. Shepherdia - river bottom	4'	x	6	13
2. Arctostaphylos "			2	14
3. Salicidylon - hillside			4	15
4. " " "		x	12	2
5. Astragalus			7	3
6. Sp. of Ranunculus - ridge			4	4
7. " " "			2	5
8. " " "			5	6
9. " " "			4	7
10. " " " - minor			1/8	8
11. " " "			1	9
12. " " "			1	10
13. " " "		x	6	11
	(4129-200)		74	12

July 30th - Franconia, up Bear River to station - across divide
to camp on Bear river.

1. " " - river bottom			7	13
2. " " " "			2	14
3. " " " "		approx.	2	15
4. " " " "			10	16
5. " " " " - S. side			10	17
6. " " " "			2	18
7. " " " "		yellow	3	19
8. " " " " - river bottom			1	20
9. " " " "			1	21
10. " " " "		x	4	22
11. " " " "		pink	1	23
12. " " " "		yellow	3	24

13.	Potentilla	river bottom		2
14.	Parnassia	"	wet bank (4100-201)	1
July 31 st - Camp in Bear River Cañon.				
1.	Unknown	hillside, shade of pines	x	9
2.	Leuciana	river bottom	wet	10
3.	Trifolium	"	"	3
4.	Pedicularis	"	"	2
5.	Aster	"	intertropics	3
6.	Gentiana	"	"	5
7.	Anemone	at foot of woods		1
8.	Solidago	near a small group of pines	x	5
9.	Spiranthes	river bottom	wet	5
10.	Anemone	"	"	1
11.	Senecio	"	"	1
12.	Umbellifer	"	wet	1
13.	Dryopteris	"	"	2
14.	Eriogonum	acres	"	2
15.	Carex	"	"	1
16.	Chama	"	wet	5
17.	Moss	"	"	1
18.	Phlox	"	"	1
19.	Unknown	"	wet	9
20.	Polygonum	"	"	1
21.	Juniper	"	"	5
22.	Gentiana	"	"	4
23.	Anemone	"	"	1
24.	Vicia	"	"	1
25.	Aster	Eriogonum macrostemon		4
26.	Potentilla	"		1

27	Heteropogon	river bottom	dry	5	11
28	Stellaria	hillside		2	12
29	Stellaria	"	H. communis	5	
30	Heteropogon	pine woods	white H. albertensis	5	11
31	Polygonum	"			1
32	Ischaemum	"	elegans. var. mydmanii	1	11
33	Moss	rocks		3	11
34	Moss	"			1
35	Stellaria			6	1
36	Stellaria	"	same locality	3	
37	Polygonum	wet		4	2
38	Heteropogon	bottom	dry (4348-204)	6	2
				<u>42</u>	

Aug. 1st - Main Camp near river.

1.	Urtica	damp pine woods	2' - white	3	
2.	Moss	rocks		3	
3.	Moss	"		3	
4.	Vaccinium	hillside		4	
			(4348-204)	<u>13</u>	

Aug. 2nd - Up stream to mountain camp + to high ridge on west.

1.	Urtica	meadow	near camp	7	
2.	Urtica	pine hillsides		4	
3.	Urtica	moist meadow	side	4	
4.	Urtica	meadow	"	2	
5.	Urtica	meadow	"	3	1
6.	Urtica	meadow	"	6	2
7.	Urtica	meadow	"	6	3
8.	Urtica	meadow	"	4	4
9.	Urtica	meadow	"	2	5
10.	Urtica	meadow	"	2	3

5	11. - Cal. ...	same level, -	x	
2	12. - Moss	" water	x	2
5	13. - Veronica			5
1	14. - Moss	"		2
	15. - Trifolium	"		1
1	16. - Hieracium triste	" pine shade	x	6
3	17. - Veronica	"		
	18. - Orchid	ridge		1
6	19. - Phacelia	ridge		6
3	20. - Erigeron	"		3
6	21. - Ranunculus	"		1
2	22. - Fern	"		2
2	23. - Sambucus	"		1
	24. - Trifolium compositum, var. densiflorum			2
3	25. - Aquilegia	"		
3	26. - Senecio	"		1
3	27. - Aster glaberrimus	"		5
4	28. - Angyula	"		2
3	29. - Moss	"		1
	30. - Chamaecrista			1
8	31. - Saxifragaceae		x	1
8	32. - Lidum			3

MISSOURI

Aug. 3^e - in park east of camp - back.

3	1. - Primula	crack bank (1 mi. S summit)		1
6	2. - Thalictrum	ridge, shade		2
6	3. - Pedicularis	crack bank		5
4	4. - Carex			1
2	5. - Geranium		x	2
2	6. - Phacelia			2

1. Campanula	1000	(nearly 2 small ponds)		2	37
2. Sineis	"	"		1	38
3. Chamaecrista	"	"		1	39
4. Triglochin	"	"		3	40
5. Carex	"	water in gorge		3	41
6. Eryngium	"	rayos - (to peak) E. composition		2	42
7. Solanum	"	road of gorge - 2"		1	43
8. Aristida	"	ridge		4	44
9. Sida	"	"		6	45
10. Phacelia	"	gorge		1	46
11. Solanum	"	"		4	47
12. Solanum	"	"		2	48
13. Solanum	"	(to peak)	*	1	49
14. Solanum	"	"		6	50
15. Solanum	"	"	*	12	51
16. Solanum	"	"	*	6	52
17. Solanum	"	"		1	53
18. Solanum	"	"		2	54
19. Carex	"	"		4	55
20. Solanum	"	convex		7	56
21. Solanum	"	gorge	*	8	57
22. Solanum	"	"		1	58
23. Solanum	"	"		6	59
24. Solanum	"	"		7	60
25. Solanum	"	"	*	4	61
26. Solanum	"	"		9	62
27. Solanum	"	"	*	5	63
28. Solanum	"	"		6	64
29. Solanum	"	"	*	4	65

2	37.	- <i>Heteropogon</i>	road - head of gorge	x		3
1	38.	- <i>Potentilla</i>	" "		x	11
1	39.	- <i>Corydalis</i>	" "	x	h	6
3	40.	- <i>Rosa</i>	<i>spina grandiflora</i> " "	x		6
3	41.	- <i>Tripterygium</i>	" "	x		7
2	42.	- <i>Saxifraga</i>	" "			1
1	43.	- <i>Artemisia</i> (?)	" "	x		
4	44.	- <i>Draba</i>	" "	x	h	9
6	45.	- <i>Polygonum</i>	" "			6
1	46.	- <i>Androsace</i>	" "	x		12
4	47.	- <i>Specularia</i>	" "	x		5
2	48.	- <i>Carex</i>	" "			3
10	49.	- <i>Potentilla</i>	" "			4
6	50.	- <i>Geranium</i>	" "	x		12
12	51.	- Moss	" "			1
6	52.	- <i>Senecio</i>	peak Tarax ² , <i>Phymatopteris</i>			5
1	53.	- <i>Leucostemum</i>	" Tarax ² , <i>paludosum</i> , var. <i>arifolium</i>			3
2	54.	- <i>Draba</i>	" "			1
4	55.	- <i>Potentilla</i>	" "			3
7	56.	- <i>Solidago</i>	" "			2
8	57.	- <i>Artemisia</i>	" "			1
1	58.	- <i>Asperula</i>	pond	x		2
10	59.	- <i>Asarum</i>	ridge near camp			1
6			(4824-230)			274
7	Aug. 4 th	- <i>Salix</i>	at head of canyon + ridge			9
4	1.	- <i>Salix</i>	cross bank (to head)			1
9	2.	- <i>Salix</i>	west bottom S. ridge			12
5	3.	- <i>Tripterygium</i>	" "	x		1
6	4.	- <i>Lythrum</i>	head of canyon - ridge			
4	5.	- <i>Linum</i>	" "			

6.	<i>Lythrum</i>	late	...	1	75
7.	<i>...</i>		...	2	35
8.	<i>Thalictrum</i>		...	1	30
9.	<i>Trifolium</i>		...	1	30
10.	<i>Vicia</i>		...	2	40
11.	<i>...</i>		...	3	40
12.	<i>...</i>		...	10	100
13.	<i>...</i>		...	4	...
14.	<i>Vaccinium</i>		...	5	...
15.	<i>Kalmia</i>		...	8	...
16.	<i>Vaccinium</i>		...	...	...
17.	<i>...</i>		...	3	...
18.	<i>...</i>		...	2	20
19.	<i>...</i>		...	1	30
20.	<i>...</i>		...	...	40
21.	<i>...</i>		...	1	50
22.	<i>...</i>		...	1	60
23.	<i>...</i>		...	2	70
24.	<i>...</i>		...	2	80
25.	<i>...</i>		...	5	90
26.	<i>...</i>		...	6	100
27.	<i>...</i>		...	2	110
28.	<i>...</i>		...	3	120
29.	<i>...</i>		...	3	130
30.	<i>...</i>		...	1	140
31.	<i>...</i>		...	1	150
32.	<i>...</i>		...	1	160
33.	<i>...</i>		...	7	170
34.	<i>...</i>		...	7	180
35.	<i>...</i>		...	4	190

20. *P. ...* - ... (5100-206) 1
113

21. *P. ...* 2
 22. *P. ...* 3
 23. *P. ...* 4
 24. *P. ...* 5
 25. *P. ...* 6
 26. *P. ...* 7
 27. *P. ...* 8
 28. *P. ...* 9
 29. *P. ...* 10
 30. *P. ...* 11
 31. *P. ...* 12

Aug. 7. ... by west side of creek

32. *P. ...* 13
 33. *P. ...* 14
 34. *P. ...* 15
 35. *P. ...* 16
 36. *P. ...* 17
 37. *P. ...* 18
 38. *P. ...* 19
 39. *P. ...* 20
 40. *P. ...* 21
 41. *P. ...* 22
 42. *P. ...* 23
 43. *P. ...* 24
 44. *P. ...* 25
 45. *P. ...* 26
 46. *P. ...* 27
 47. *P. ...* 28
 48. *P. ...* 29
 49. *P. ...* 30
 50. *P. ...* 31

Aug. 8th - Sullivan's Camp

- | | | |
|----|---------------------------|---|
| 1. | <i>Acronictum</i> - shade | 6 |
| 2. | <i>Senecio</i> - shade | 2 |
| | (5211-250) | ✓ |

Aug. 9th - To head of cañon, over divide, 3 miles down
Minta river side & back to camp

- | | | |
|-----|---|----|
| 1. | <i>Carex</i> - rocks, on divide, north side | 12 |
| 2. | <i>Carex</i> - " same loc | 3 |
| 3. | <i>Carex</i> - " " " | 1 |
| 4. | <i>Erigeron</i> - " divide, south side <i>var. prostratus</i> | 7 |
| 5. | <i>Crucifer</i> - " shade of rock | 4 |
| 6. | <i>Pentstemon</i> - wet shade | 1 |
| 7. | <i>Solidago</i> ¹⁰ <i>var. angustifolia</i> - pine woods slope | 5 |
| 8. | <i>Senecio</i> - " " " | 4 |
| 9. | <i>Aster</i> - " " <i>elyans-varying</i> | 2 |
| 10. | <i>Cirsium</i> ²¹² - divide <i>C. eriophorum</i> - <i>var. glabrum</i> | 3 |
| 11. | <i>Draba</i> - " yellow | 3 |
| 12. | <i>Umbellifer</i> - " " | 1 |
| | (5212-251) | ✓ |

Aug. 10th - To Peak west of camp, & by north ridge
to valley & back to camp

- | | | |
|----|--|----|
| 1. | <i>Puccinellium</i> - woods, long leafed, etc., etc. | 6 |
| 2. | <i>Rhus</i> - " long leafed, etc., etc. | 3 |
| 3. | <i>Umbellifer</i> - rocks, near peak - 1-3' | 3 |
| 4. | <i>Radiata</i> - " low ridge, etc., etc. | 1 |
| 5. | <i>Thymus</i> - " near peak | 8 |
| 6. | <i>Senecio</i> <i>frondosus</i> - " " | 3 |
| 7. | <i>Salix</i> - " " * | 7 |
| 8. | <i>Thymus</i> - " " * | 10 |
| 9. | <i>Salix</i> - " " * | 5 |

10.	<i>Tronchocarpus</i>					
11.	Asteroid	<i>A. planus</i>				
12.	Asteroid	<i>A. clavatus</i>	with leaf		x	5
13.	Urtica					4
14.	Chamaecrista	<i>Chamaecrista</i>	(t. p. ...)			2
15.	Urtica				+	2
16.	Datura				+	2
17.	Urtica					4
18.	Urtica					2
19.	Urtica					1
20.	Urtica					2
21.	Urtica					1
22.	Urtica					3
23.	Urtica					2
24.	Urtica		cliff	1°	2	1
25.	Urtica		"		1	1
26.	Urtica		"			2
27.	Urtica		"			1
28.	Urtica		"			1
29.	Urtica		plateau			1
30.	Asteroid					2
31.	Urtica					3
32.	Urtica					1
33.	Urtica					5
34.	Urtica					5
35.	Urtica					7
36.	Urtica					8
37.	Urtica					9
38.	Urtica					10
39.	Urtica					11
40.	Urtica					12

Aug. 11. - Down Cañon to water camp

- 1. Carex - Apr. grass 1/2 in woods x
- 2. Urtica - along creek in meadow
- 3. Urtica - along creek
- 4. Urtica - woods
- 5. Urtica - woods
- 6. Urtica - woods

7	grass - same locy	x	5
8	grass - meadow	x	12
3	9 - <i>V. stramon</i>	"	2
4	10 - <i>Geranium</i>	"	4
	11 - <i>Sisyrinchium</i>	"	2
2	12 - <i>Linocypus</i> - dry meadow		3
2	12 - <i>Arctostaphylos</i>	"	2
1	14 - <i>Cirsium</i> meadow	<i>C. foliosum</i>	4
1	15 - <i>Adragalus</i> - slope		2
1	16 - <i>Solidago</i>	"	2
1	17 - <i>River</i>		3
3	18 - <i>Coreopsis</i>		2
2	19 - <i>Rubus</i>	"	1
8		(546) - 244	4

Aug. 12th - up ridge to east of camp, to snow & back by slope.

1	1. <i>Drosera</i>	pine shade	11
1	2. <i>Fungus</i>	dead pine soil	1
6	3. <i>Arctostaphylos</i>	slope	1
1	4. <i>Moss</i>	damp shade	1
1	5. <i>Lichen</i>	" - damp shade	2
3	6. <i>River</i>	slope	1
2	7. <i>Conifer</i>	"	2
	8. <i>Compositae</i>	rock	1
12	9. <i>Arctostaphylos</i>	slope	1
2	10. <i>Linum</i>	rocky ridge	3
2	11. <i>Lupinus</i>	pine shade - ridge	1
12	12. <i>Senecio</i>	bank of stream	5
11	13. <i>Senecio</i>	ridge pines	2
3	14. <i>Trifolium</i>	summit ridge	2

15.	Castilleja	summit of ridge	1	6.
16.	Polemonium	" "	5	7.
17.	Draba	" "	2	8.
18.	Stellaria	" "	4	9.
19.	Asteroid	nipon grand. pro camp	2	10.
20.	Asteroid	A. glacialis	3	11.
21.	Saxifraga	" "	2	12.
22.	Silene	" "	3	13.
23.	Saxifraga	" "	2	14.
24.	Androsace	" "	1	15.
25.	Scilla	" meadow	3	16.
26.	Androsace	same as 25 A. edulis	1	17.
27.	Androsace	" "	2	18.
28.	Androsace	" "	1	19.
29.	Asteroid	" nipon continent	2	20.
30.	Androsace	rocky slope	2	21.
31.	Saxifraga	" summit	1	22.
32.	Sp. spec.	cliff	1	23.
33.	Shepherdia	slope, shade	2	24.
34.	Umbellifer	" "	3	25.
35.	Vaccinium	" "	6	26.
36.	Androsace	" damp	1	27.
37.	Androsace	" (5000 ft)	1	28.

Aug. 18 - islet bottom boat lower camp.

1.	Androsace	meadow	4	1.
2.	Androsace	meadow	5	2.
3.	Androsace	" "	3	3.
4.	Androsace	" "	12	4.
5.	Androsace	" "	1	5.
6.	Androsace	" "	1	6.
7.	Androsace	" "	1	7.

1	6. - Potamogeton - slough	12
5	7. - Sparganium (?) " "	11

(5614-240)

4	Aug. 14 th - To camp on lower east bank of Bear River.	57
2	1. - Grass - creek spring near camp	2
3	2. - Sparganium (?) - slough "	1
2	3. - Potamogeton " "	2
3	4. - Potamogeton " "	6
2	5. - Carex " brook	11
1	6. - Lygula " "	6
2	7. - Polygonum - creek bottom near sawmill	2
1	8. - Carex " "	3
2	9. - Grass " "	1
1	10. - Senecio a. " " " shade	7

(5615-240)

2	Aug. 15 th - To Bear River City & over summit to head of Echo Canon	7
1	1. - Shepherdia - creek bottom	12
1	2. - Carex - head of Echo	10
1	3. - Senecio - alkali bottom S. Lygophila	2
6	4. - Hieracium Crisp. mucronata	2

(5616-240)

1	Aug. 16 th - Down Echo Canon to Weber & up to Coalville.	26
1	1. - Beckmannia - alkali bottom at camp	4
1	2. - Lupinus - Weber bottom at Coalville -	1
1	3. - Labiata - " " "	2
1	4. - Veronica " " with	1
1	5. - Veronica " " here	1
1	6. - Aster longifolius " "	3
1	7. - Hieracium " "	1

8. - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i>	2
9. - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i>	10
10. - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i> - <i>Salicaria</i>	12
	37

Aug. 14th - Over Km. ... in Col. ...
Cañon

1. - <i>Hieracium</i> - low cañon ... H. Scouleri	6
2. - <i>Rosa</i> - " " "	2
3. - <i>Rubus</i> - damp " " "	1
4. - <i>Rubus</i> - " " "	1
5. - <i>Rubus</i> - " " "	6
6. - <i>Rubus</i> - " " "	1
7. - <i>Rubus</i> - " " "	1
8. - <i>Rubus</i> - " " "	1
9. - <i>Rubus</i> - " " "	1
10. - <i>Rubus</i> - partly ...	6
11. - <i>Rubus</i> - " " "	3
12. - <i>Rubus</i> - " " "	12
13. - <i>Rubus</i> - " " "	1
14. - <i>Rubus</i> - " " "	2
15. - <i>Rubus</i> - " " "	1
16. - <i>Rubus</i> - " " "	2
17. - <i>Rubus</i> - " " "	3
18. - <i>Rubus</i> - " " "	2
19. - <i>Rubus</i> - " " "	12
20. - <i>Rubus</i> - " " "	2
21. - <i>Rubus</i> - " " "	2
22. - <i>Rubus</i> - " " "	8

57-201

78

Aug. 19 - Up Fern Canyon + back to ... (...)

- | | | | | |
|-----|-------------|--------------------|--|----|
| 1. | Cnicus | high in cañon | | 1 |
| 2. | Penstemon | rocks - near head | | 2 |
| 3. | Penstemon | high in cañon | | 2 |
| 4. | Senecio | " | † | 5 |
| 5. | Polygonum | " rocks, near head | ✗ | 3 |
| 6. | Eupatorium | lower cañon | Artemisia grandiflora | 8 |
| 7. | Asteroid | rocks near head | A. Kingii | 10 |
| 8. | Silene | " high in cañon | | 5 |
| 9. | Spermatoc | " | | 1 |
| 10. | Eurostach | rocks near head | | 1 |
| 11. | Umbellif | rocks | | 1 |
| 12. | Isopyrum | lower cañon | | 2 |
| 13. | Cuscuta | " | | 1 |
| 14. | Moss | high in cañon | | 1 |
| 15. | Carex | " | | 1 |
| 16. | Ribes | near mouth, cañon | | 2 |
| 17. | Polanisia | high in cañon | lpt. Artemisia
+ Artemisia | 3 |
| 18. | Galium | rocks | | 1 |
| 19. | Solidago | " | | 2 |
| 20. | Gram | high in cañon | | 1 |
| 21. | Chaetochloa | lower cañon | x | 2 |
| 22. | Fern | rocks near head | x | 1 |
| 23. | Eriogonum | main cañon | † | 2 |
| 24. | Urtica | rocks | Siphonochloa | 12 |
| 25. | Fern | rocks near head | x | 2 |
| 26. | Neimica | " | | 3 |
| 27. | Phlox | rocks near head | | 3 |
| 28. | Circaea | " | | 2 |
| 29. | Polypodium | " | | 2 |

30 - Crucifera	rocks in upper cañon	1
31 - Compositae	main cañon (+ upper cañon)	10
32 - Fern	rocks - upper cañon	6
33 - Boraginaceae	" "	1
		<hr/>
		18

Aug. 20 - From Cottonwood cañon + by Pader's cañon to main camp at Humboldt's.

1 - Euphorbia	mouth of cañon	1
2 - Euphorbia	"	1
3 - Quercus	valley	1
4 - Crucifera	"	3
5 - Crucifera	"	2
6 - Crucifera	"	3
7 - Crucifera	"	3
8 - Crucifera	"	5
		<hr/>
		22

Aug. 22 - By Pader's + Emigrant cañon to Salt Lake City.

1 - Gnaphalium	divide between Pader's + Emig. C. cañon	1
		<hr/>
		1

Aug. 25th - From Dr. Dwyer's in the forks of American Fork Cañon.

1 - Salix	crack bank, mouth of cañon	1
2 - Compositae	rocks - lower cañon	1-6 x
3 - Compositae	" 3 miles up cañon	x
4 - Fern	"	1
5 - Fern	"	1
6 - Eriogonum	"	1
		<hr/>
		38

Aug. 25th - Up American Fork canon

1. - *Labiata* - lower canon bottom x 6
(5993-257)

Aug. 26th - To peak of ridge at head of south pass of Amer. fork & back to end of road.

1. - Unknown - limestone peak x 12
2. - *Valeriana* - " " 6
3. 4. - *Fraxinus* - " " green & white 4
(6015-254) 22

Aug. 27th - To mouth of canon & up cliffs north of tollgate

1. - *Solidago* - upper canon bottom 2
2. - *Myrica* - " 6
3. - *Asa* - canon bottom 2
4. - *Radiata* - " " 12
5. - *Myrtacina* - foot hill 2
6. - *Linosyris* - rocky hillside - limestone 5
7. - *Galium* - summit " 6
8. - *Eupatorium* - " " " *thickellii* *missillifol* 5
9. - *Quercus* - " " 10
10. - *Eupatorium* - " " " *Michellia* *baccharifolia* 5
11. - *Polygonum* - creek bank 3
(6033-257) 55

Aug. 28th - To summit of cliffs south of canon - down side gulch & back by canon.

1. - *Machaeranthera* - ridge *M. can.* 1
2. - *Linosyris* *viridiflora* 4
3. - *Eriogonum* - summit 1
4. - *Stellaria* - " 4
5. - *Asarum* - paper woods on slope *A. siegens* 1
6. - *Poa* - meadow 2

8. - <i>Phacelia</i> - wet rocks, head of cañon		1
9. - <i>Philadelphium</i> - rocks in middle of cañon	x	12
10. - <i>Amelanchier</i> - lower part		4
11. - <i>Spilostachne</i>	u	2
12. - <i>Onoseris</i> - yellow - cañon		1
	(6126-126)	<hr/> 30

Aug. 29th - From mouth of Amer. Fork Cañon to Salt Lake City.

1. - <i>Cercocarpus</i> - bluff		4
2. - <i>Securites</i> - bottom		3
3. - <i>Claytonia</i> - sandy bluff of Jordan	x	10
4. - <i>Urtica</i> - same locality	x	1
	(6129-262)	<hr/> 18

1

2

4

2

1

5

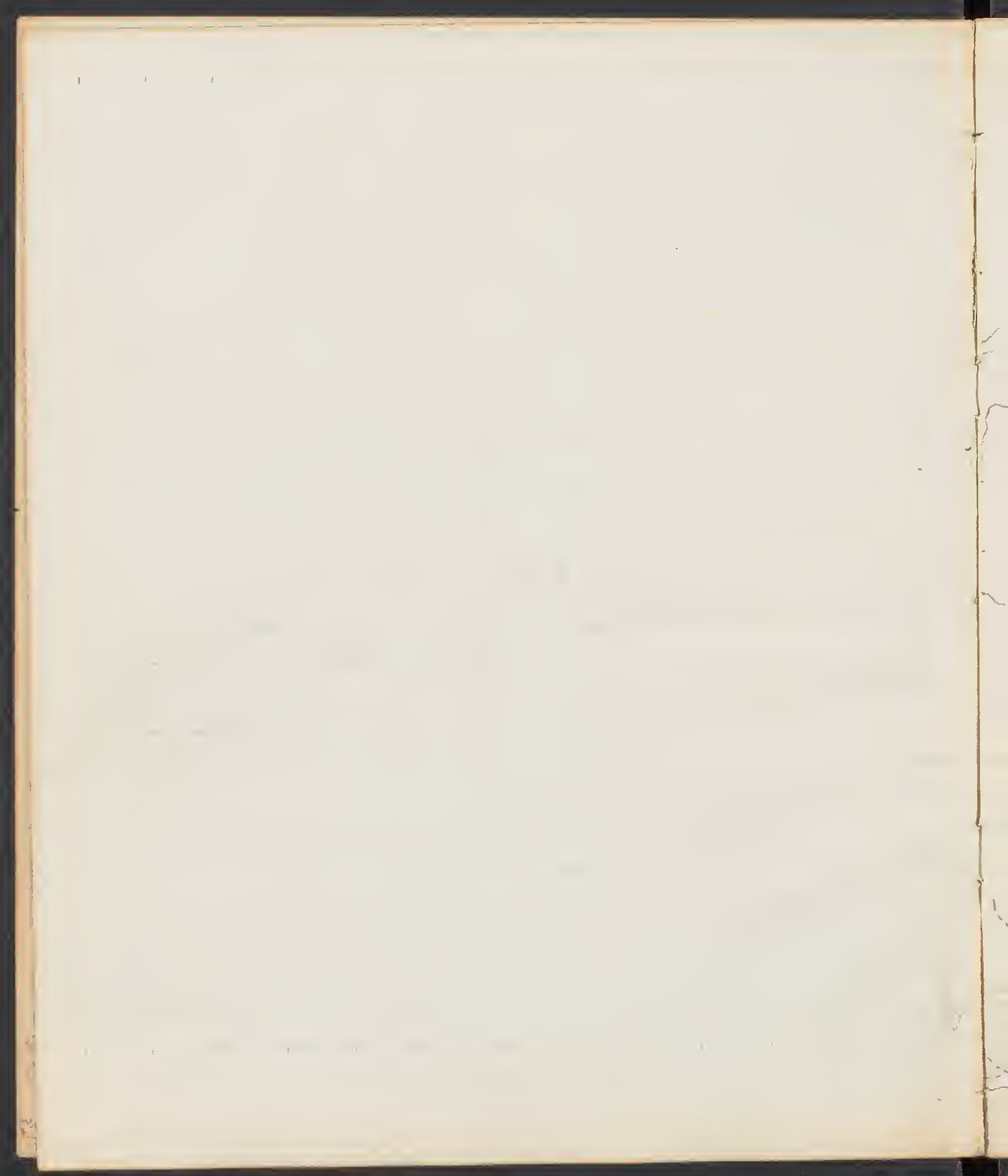
4

3

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6

23





To	Compositae	469	nos.	6641	spec ^s .
From	Comp. to Honey ²	135	"	2162	"
	Eriogonae	39	"	561	"
	at San Diego	182	"	2277	"
	Graminae	82	"	794	"
	Carex	54	"	508	"
	Algae	4	"		
	Lichenes	37	"		
	Coniferae	15	"	141	"
	Characeae	4	"	43	"
	Potamogeton	11	"	125	"
	Polemoni ^{ae}	43	"	627	"
	Chenopod ^{ae}	32	"	311	"
	Amaranthae	4	"	27	"
	Hydrophyllaceae	25	"	232	"
	Uvasca	103	"	276	"
	Compositae	23	"	2485	
	Filices		"		
	Hepaticae		"		
	Fungi		"		

49

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226

499, *A. Nuttallii*, 749.

Oct. 11, 1867	W. Humboldt Valley - salt grass meadow	1
✓ " 15, "	Thacker's Station	1
July 24 th , 1868	Ruby valley	3
Aug. 1, 1868	"	5
" 4, 1868	" alkaline meadow	2
" 20, "	Huntington Valley - meadow	11
Oct. 3, 1868	River King Valley - clear stream	9
June 21 st , 1869	Salt Lake Valley - road with ^{below} near Farmington	1
500, <i>A. fulvipes</i> f. (<i>Gray's specimen</i>) - at Farmington at the /		
camp 12	WVVB Banks of Truckee	8
" 14 (1865)	" W. Humboldt Mts. - Wright's cañon	4

501, *A. Kirki* f. ex, loc. 11.

camp 12 (1861) WVVB, ~~meadow meadow~~ 77

502, *A. carinatus* ^{coll.} var. *subaequalis*, 749.

Aug. 20th, 1868 Huntington valley - meadow 5

503, *A. angustifolius*, *limb.* (to 496 - r.)
July 24th, 1869 River King bottom, near Farmington 6,000 ft. 1

504, *A. angustifolius*, *limb.*
camp 14 - (1860) WVVB Wright's cañon 3

Aug. 17, 1868 W. Truckee Mts. Stream bank meadow 4

Sept. 10, " W. Humboldt Mts 6,000 ft. 3

Aug. 25th, 1868 S. Humboldt Mts. - Poplar cañon 7,500 ft. 7

Sept. 1st, " Ruby valley - stream bank 6,000 ft. 3

" 20th, " Heart Humboldt valley " " 1

July 13th, 1869 Mouth of Cottonwood cañon 7,000 ft. 4

Aug. 16th, " Near Coalville 6,000 ft. 3

" 14th, " Cottonwood cañon, below Lake 7,000 ft. 2

505, *A. laxifolius*, *var.*

Sept. 30th, 1868 Lower Creek valley - meadow 1

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506. *A. glacialis*, Nutt. (1)
- | | | | | | |
|------------------------------|----------------------------------|---|---|--------|---|
| July 30 ¹⁵ , 1868 | | | | 10,000 | 3 |
| Aug. 15 ⁴² , " | | | | | 5 |
| Sept. 7 ¹³ , " | | | | | 1 |
| " 10 ¹⁴ , " | | | | | 1 |
| Aug. 2 ²⁷ , 1869 | Wintake - Ridge above Bear River | | | 9,000 | 6 |
| " 3 ¹⁴ , " | " gorge " | " | " | 10,500 | 2 |
| " 10 ¹² , " | " Peak " | " | " | 12,000 | 1 |
| " 12 ²⁰ , " | " high ridge " | " | " | 11,000 | 3 |
507. - same (2)
- | | | | | | |
|-----------------------------|--|--|--|--------|----|
| Aug. 31 ⁵ , 1868 | | | | 12,000 | 12 |
|-----------------------------|--|--|--|--------|----|
508. - same (3)
- | | | | | | |
|------------------------------|---------------------------------|--|--|--------|---|
| Aug. 10 ¹¹ , 1869 | Wintake - Peak above Bear River | | | 12,000 |) |
|------------------------------|---------------------------------|--|--|--------|---|
509. *A. asperifrons*
- | | | | | | |
|-----------------------------|-------------|--|--|-------|---|
| Aug. 2 ¹² , 1868 | E. Humboldt | | | 9,000 | 3 |
|-----------------------------|-------------|--|--|-------|---|
511. *A. Kingii*
- | | | | | | |
|-----------------------------|----------------------------------|--|--|-------|----|
| Aug. 19 ² , 1869 | Watsch - near head of Fern gulch | | | 9,000 | 10 |
|-----------------------------|----------------------------------|--|--|-------|----|
512. *A. salanginensis*, Rich
- | | | | | | |
|-----------------------------|-------------|--|--|--|---|
| Aug. 2 ¹⁶ , 1868 | E. Humboldt | | | | 3 |
|-----------------------------|-------------|--|--|--|---|
513. - same var. B.
- | | | | | | |
|----------------------------|--|--|--|------------|----|
| July 6 ⁴ , 1869 | Shingle mill, Park canyon - above of river | | | 9,000 ft. | 2 |
| " 14 ⁹ , " | Upper Cottonwood canon - west bank | | | 6,500 ft. | 2 |
| " 15 ³ , " | " " " above beaver | | | | 11 |
| Aug. 4 ³⁴ , " | Bear river canon - Wintake - lake shore | | | 10,000 ft. | 1 |
| " 12 ²⁶ , " | " " ridge above canon | | | 11,000 | 1 |
514. - same var. *220, 1869*
- | | | | | | |
|------------------------------|-----------------------|--|--|-------|---|
| July 14 ⁵² , 1869 | rock above Cottonwood | | | 9,000 | 2 |
|------------------------------|-----------------------|--|--|-------|---|
515. *A. pulchellum*
- | | | | | | |
|------------------------------|--|--|--|--|---|
| Sept. 7 ¹⁴ , 1868 | | | | | 6 |
|------------------------------|--|--|--|--|---|

516. *A. elegans*, 749,

Aug. 6²⁵, 1868

" 18⁶, "

Sept. 2¹², "

" 21¹, "

" 22², "

Aug. 24⁵, 1869 Aspen woods above Amer² Fork cañon 8,000 ft. 1

517. - same var. *Superciliosus*

Sept. 2¹², 1868

" 8⁴, "

July 10²⁴, 1869 Wahwahk. N. fork of Cross 7,000 ft. 1

" 24³, " " Summit above Parky Park "

" 31³², " Wintehs - Bear River cañon 8,000 ft. 1

Aug. 10⁹, " " S. slope, over divide 10,000 2

518. *A. planens*, 749,

July 27¹, 1868 Echo cañon 6,000 5

Aug. 7¹⁰, " Wintehs - Bear R. cañon 8,000 ft. 1

518^a. *A. arenarioroides*

Aug. 19, 1868 Fern gulch, rocks 8,000 12

~~Setes unrecogniz~~

July 1¹³, 1868 mouth of Bear cañon 14

? Aug. 16⁶, 1868 4

519. *A. angustus*, 749,

Camp 19 (172) WWSB Oct 1867 - near Unionville 1

Sept. 19, 1867 Unionville creek bank 5

" 26¹⁰, 1868 3

May 31³¹, 1869 " " Salt Lake City 2

520. *Townsendia leucophaea*

May 15¹³, 1868 1

" 16⁶, " 1

" 19⁷, " 1

June 12²³, " 1

July 7²⁴, " 1

315

4

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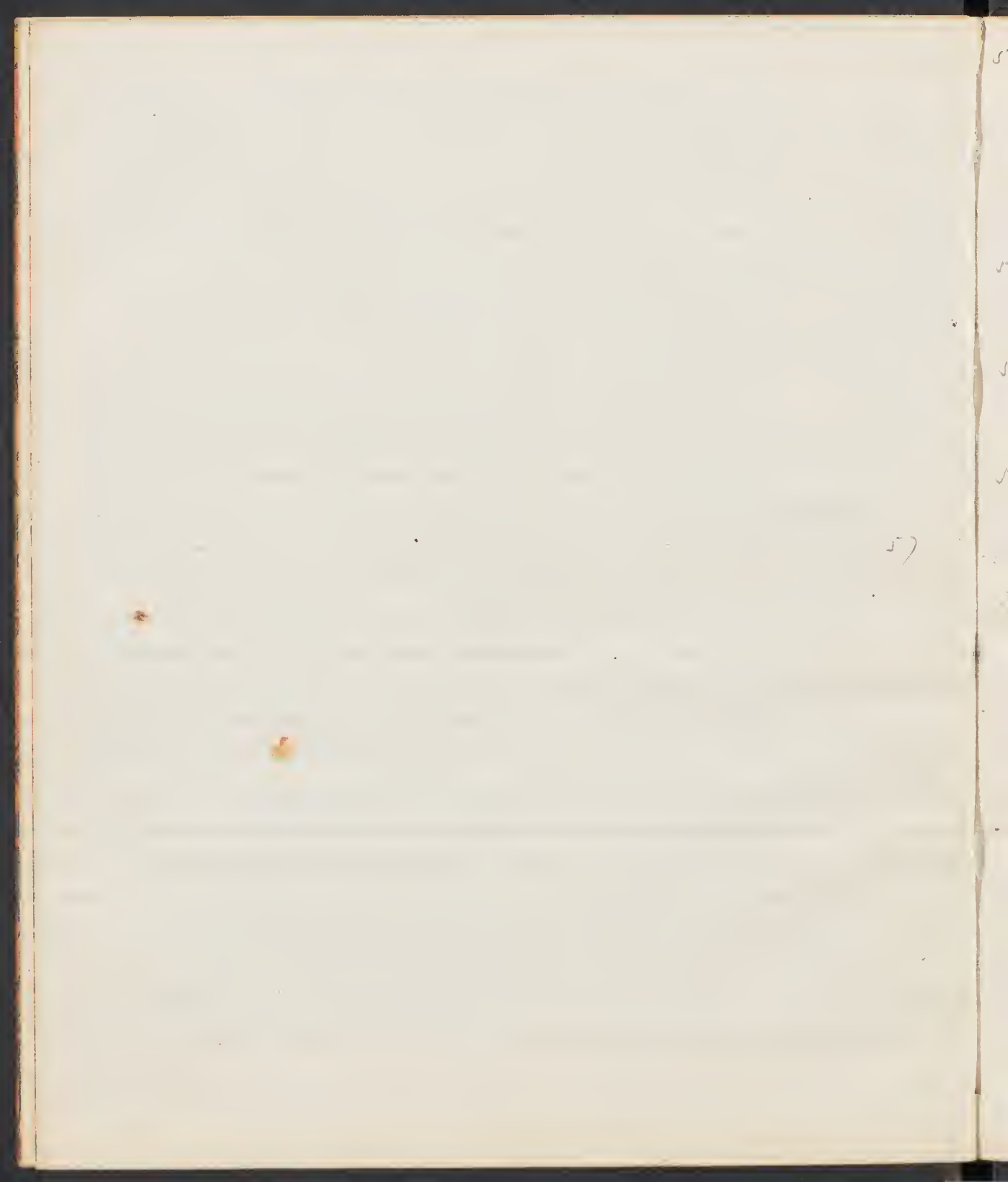
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521. *T. striposca*, Nutt.
 June 15th, 1869 Stambony's Island - shore 12
522. *Macleranthra canescens*, Gr. (1)
 July 7, 1868 7-24. 12' 1
 " 30" " " 4
 Aug 20th, " Hunt's, 1
523. Same (2)
 Aug. 13th, 1869 Wintahs - Bear River - 3000 3
524. Same (3)
 Camps 14 Sept. 1868 WWSB (107) W. Humboldt Mts. 6
 July 31, 1867 W. Humboldt & E. Snake Mts. 10
 Sept. " " " Mts. 10
 June 12th, 1868 Camps 14 - 15 2
 July 20th, " " " 2
 " 9 " " " 2
 " 20th, " " " 2
 " 27th, 1868 E. Snake Mts. 1
 Aug. 18th, " " " 1
 " 28th, 1869 Wahachk - ridge at mouth of river 1
525. Same (4)
 Camps 12, (103) WWSB, Aug. 5 - W. Snake Mts. 2
 Sept. 18th, 1868 " " " 2
 " 23rd, " " " 2
526. Same (5)
 June 30th, 1869 Ridge near Potlatch Pass 6,000 1
527. *Liptopappus ericoides*, Gr.
 May 21st, 1869 Frosthills near Salt Lake City 5
 June 10th, " " " 2
528. *D. alpinus*, Nutt.
 June 23rd, 1868 " " " 5
 " 24th, " " " 5
 July 9th, " " " 5
 " 10th, " " " 5



536. <i>E. acro</i> , L.	July 31 st , 1869	Wintahs - near R. bottom	5,000	2
	Aug. 3 rd , "	" " above	10,000	3
537. <i>E. lonchophyllum</i> , Hb.	July 9 th , 1869	Wintahs - near R. bottom	5,000	5
	" 22 nd , 1869	Wintahs - Silver Creek camp	6,000	6
538. <i>E. Bellidastoma</i> , Nutt.	Aug 10 (39)	WWSB Meeker Meadows	July 16.	6
	July 10 th , 1869	" " "	"	"
	Aug. 1 st , "	" " "	"	"
	May 9 th , 1869	Wintahs - City Creek camp, near city	5,000	2
	" 23 rd , "	" " "	"	2
	July 12 th , "	Amer st Fork Bottom	4,500 ft	2
540. <i>E. macranthum</i> , Nutt	July 15 th , 1869	near Perry's Park camp	6,000	10
	" 20 th , "	Peak west	6,000	4
	" 24 th , "	? Wintahs - near R. bottom	"	4
	" 31 st , "	Wintahs - near R. bottom	5,000	4
539 & 541. <i>E. glabellum</i> , Nutt	June 21 st , 1869	Salt Lake Valley, near Fort	"	5
	" 23 rd , "	Creek bank near Kimball's	6,000	1
	" 26 th , "	Weg Perry's Park Camp	"	1
	July 1 st , "	Kimball's meadow	"	1
	" 14 th , "	Colter's camp - near meadow	5,000	2
542. <i>E. punctatum</i> , Nutt.	May 18 th , 1869	Ridge near Salt Lake City	"	5
	" 31 st , "	forbidding " "	"	1
	June 5 th , "	" meadow - near meadow	"	1
544. <i>E. concinnum</i> , Hb.	June 24 th , 1869	" " "	"	4
	" 29 th , "	" " "	"	2
	" 29 th , "	" " "	"	1

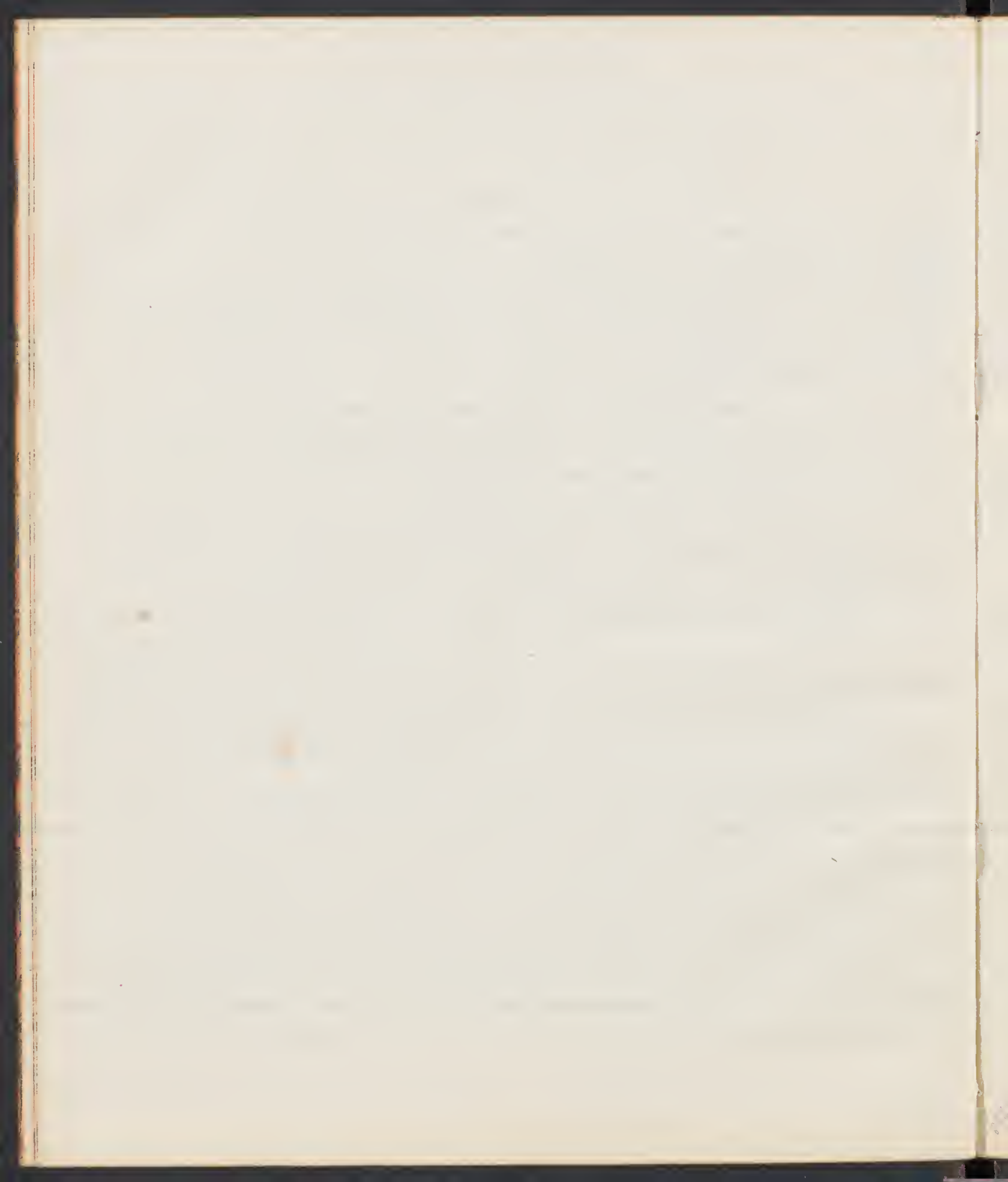


545, *Saxifraga* var. *aphanactis*, Gr.
 1867 Camp 19, -(175) Wintonville WVB 2
 June 3rd, 1868 3 3
 " 4th, " " 5
 " 5th, " *var. aphanactis* 1
 July 9th, " *var. aphanactis* - 6000 6

546, *S. ichnolaccum*, Nutt.
 July 6th, 1869 Wintocks - 8 miles above Guineas 10,000 6
 Aug. 12th, " " ridge above about R. " 2

547, *S. caespitosa*, Nutt.
 July 9th, 1868 " " " 2
 " 2nd, " " " 1

548, - *Saxifraga* var. *canadensis*,
 June 3, 1868[?] Spring valley, Mass. 1
 " 12th, " " " 2



Crataegus subcapitata, Gr. var. *glabrata*

- July 13th, 1869 Cottonwood cañon - 8000 ft 2
- Sept. 8th, " Wintaks - divide at head of Wash. R. - 10,500 3

C. undulata, Spring.

- Sept 10, 1869, Sierra Nevada cañon 6,000 ft 2
- June 23rd, 1868 Spanish Is. 5,000 1
- " 25th, " Peak south of ... 7,000 2
- July 12th, " ... 5,000 1
- " 27th, " ... 7,000 1
- Aug. 18th, " ... 6,000 1
- June 3rd, 1869 Antelope Island 9,000 1
- July 26th, " Silver creek cañon 6,000 2

Same as var.

- June 12th, 1869 Stansbury Island - above 10

Crataegus T + G.

C. foliolosa, DC.

- July 1st, 1868 } ... 1
- " 3rd, " } ... 1
- Aug. 11th, 1869 } Wintaks - base of cañon - ... 4
- July 11th, 1868 } ... 1
- Aug. 3rd, " } = *C. aculeata* var. *Amur* ... 1
- Sept. 26th, " } ... 1
- Aug. 11th, 1869 } ... 1

Calais linearifolia, DC.

- July 4th, 1869 ... 1
- May 18th, 1868 ... 1
- June 6th, " ... 1
- " 14th, 1869, Stansbury Island - above 2

C. ...

- May 27th, 1868, ... 1

+ = C. major

C. nutans, Gr. (1)

June 26 ^{6th} , 1868	Shore of ... Lake	9,000 ft	12
Aug. 27 ¹⁷ , "	"	"	"
+ May 17 ³⁰ , 1869	"	"	"
* " 21 ³⁰ , "	"	"	"
" 31 ²¹ , "	"	"	"
x June 3 ¹⁴ , "	"	"	"
" 4 ¹ , "	"	"	"
" 25 ⁶ , "	"	6,000 ft	1
" 26 ¹² , "	"	"	2

Lancea (?)

Aug 27 ¹⁹ , 1868	Shore of ... Lake	9,000 ft	3
Sept. 2 ² , "	Anderson Ranch center, ...	7,000 ft	"
June 26 ¹⁴ , 1869	"	"	2

A. trisecta acaulis, Gr.

398 1869 Apr. 22, Mt. ...

Stephanomeria paniculata, Nutt.

Sept. 19, 1867	W. ...	"	"
May 29 ² , 1869	"	"	"
June 20 ⁴ , "	"	"	"

S. minor, Nutt.

July 11 ⁶ , Camp. 15	W.W.B. 174	Appleby Hill	4
July 29 ¹⁰ , 1869	"	"	"

S. myrioclada,

Sept. 28 ⁶ , 1868	Rocky Spring Pass	"	3
" 29 ⁴ , "	Cliff above ...	"	4

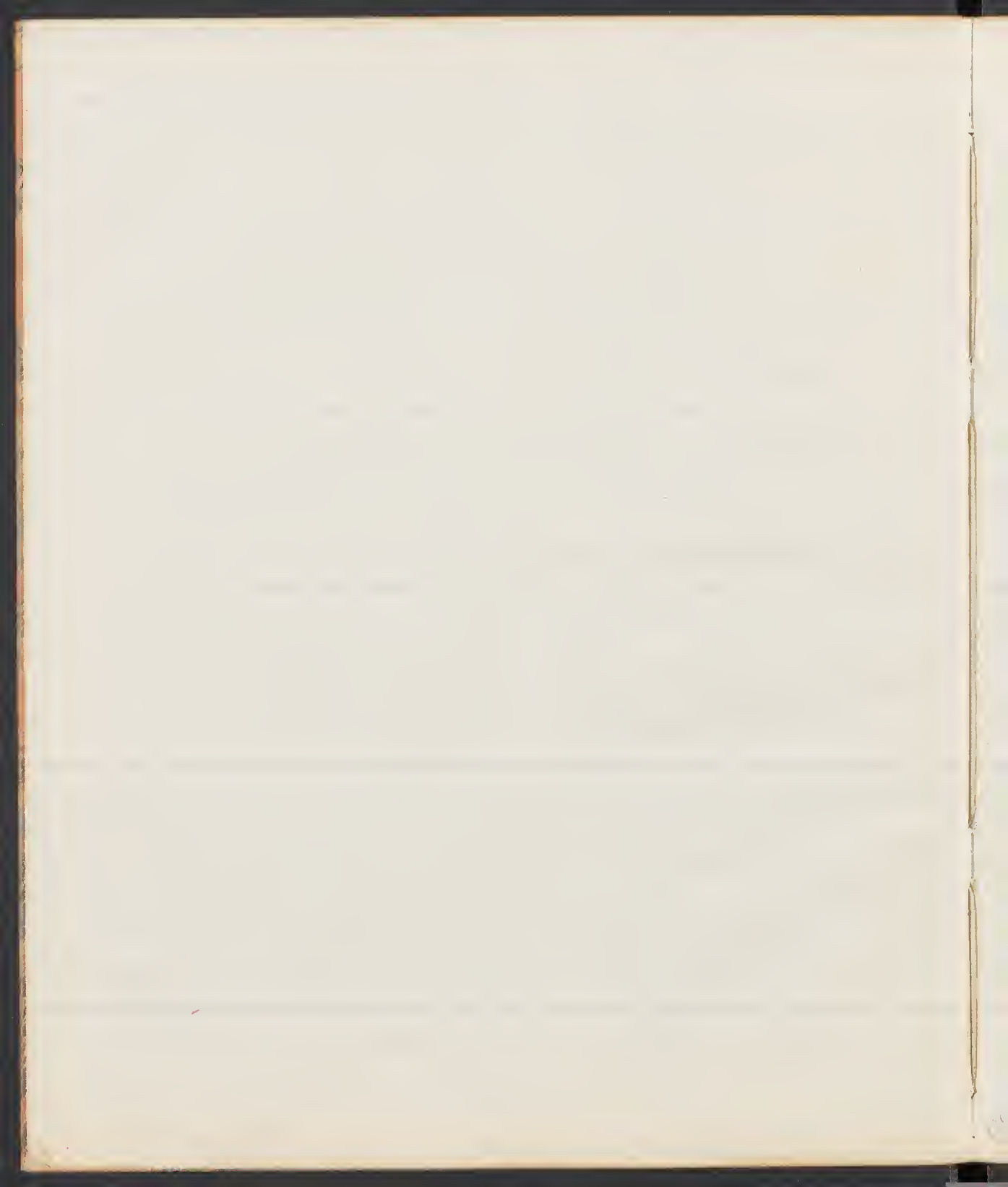
S. Bigelovii, Gr.

July 10	W.W.B.	"	"
July 2 ⁶ , 1868	Rocky Spring Pass	"	"
" 7 ¹⁶ , "	"	"	"
" 23 ¹ , "	"	"	"
" 29 ¹ , "	"	"	2
Aug. 1 ⁶ , "	Rocky Spring Pass	"	1
June 15 ¹ , 1869	"	"	"



<i>Dipentachorda</i>	" Sandpoint, Idaho	1
Sept. 2, 1867	Humboldt Valley,	
<i>Hieracium Scouleri</i> , Hk.		5
Sept. 11, 1868		
July 13 ⁰⁰ , 1869		6
Aug. 11 ⁰¹ , "	" "	5
<i>H. alysiiflorum</i> , Hk.		4
July 13 ⁰⁰ , 1869		
" 31 ⁰⁰ , "	" "	5
Aug. 7 ⁰¹ , "	" "	1
" 10 ⁰⁰ , "	" "	1
<i>H. triste</i> , Willd.		6
Sept. 2 ¹⁴ , 1869		
" 4 ⁰⁶ , "		1
<i>Lycopodium juncea</i> , Don.		4
June 16 ¹² , 1868		
" 22 ¹³ , "	" "	1
<i>same</i> var. <i>Deurandi</i>		1
May 19 ⁰¹ , 1869		
" 29 ⁰¹ , "		2
June 6 ⁰¹ , "		1
" 7 ⁰¹ , "		1
" 14 ⁰¹ , "		2
with July 12 ⁰¹ , "		1
<i>L. epimosa</i> , Nutt.		1
Aug. 7 ⁰² , 1868		
" 10 ⁰⁴ , "		1
Sept. 22 ⁰¹ , "		1
<i>Maracothrix canescens</i> , DC var. <i>glaberrima</i> ,		5
May 13 ¹⁶ , 1868		
" 16 ¹³ , "		





	Species	Date	Location	Count
	<i>sericea</i> var. <i>angustifolia</i>	July 20 ^{5v}	1860	2
		Sept. 3 ^{1v}	"	3
		July 20 ¹⁶	1869	2
	<i>C. acuminata</i> , Nutt.	May 27 ²⁷	186v	1
Robert	+	June 12 ^{11, 22}	"	2
		" 3 ^{1v}	"	1
		July 27 ¹²	"	1
		June 26 ²⁶	1869	5
	<i>troximor cuspidata</i> <i>pl glaucum</i> , Nutt	July 6 ⁰	1869	5
	<i>macrochnehus troximoides</i> , Torr.	426	1868	2
		May 27 ²²	186v	1
		June 6 ^{1v}	"	7
		" 13 ^{5, 6}	"	2
		July 20 ¹	"	5
?		Aug. 4 ²¹	" Pass Peak	
		" 22 ⁶	"	1
		Sept. 2 ¹	"	1
		" 6 ⁷	"	1
		June 22 ¹⁷	1869	5
		July 14 ¹⁷	"	2
	same - 20, 1869			0
		June 1 ¹⁹	186v	1
		July 27 ^{4v}	"	1
		" 30 ⁵	"	1
		Sept. 27 ¹	"	1
		" 3 ¹	"	1
		" 12 ¹	"	1
		May 31 ¹⁵	1869	1
		June 23 ³¹	"	1
		July 15 ¹⁶	"	2
		Aug. 4 ¹⁹	"	1





C

M. laciniata, 709, heterophyllum, N. W. 1

June 3²⁵, 1864 City of New York 4

" 8⁴¹, " " " " 5

" 19³, " " " " 0

May 21³, 1869 " " " " 6

June 4³, " " " " 1

M. grandiflorum, 703,

May 17⁵¹, 1869 " " " " 1

" 19², " " " " 2

Taraxacum dens-leonis

May 17⁴², 1869 City of New York 2

T. palustre, var. *latifolium*, 60,

Aug. 3⁵⁰, 1869 " " " " 2

T. phymatocarpum, 104

Aug. 3⁵², 1869 " " " " 5

Mulgedium pulchellum, 105

Camp 10 June, 1863 " " " " 4

July " " " " 15⁵ " " " " 4

July 2⁷, 1863 " " " " 6

Sept. 10⁷⁷, " " " " 4

July 20², 1864 " " " " 1

" 24¹, " " " " 2

Sept. 21¹³, " " " " 4

July 9³, 1869 " " " " 1

Sonchus asper, Vill

Camp 12 June, 1863 " " " " 1

" 19 " " " " 2

Sept. 10, 1863 " " " " 1

Oct. 11, " " " " 4

May 2²⁰, 1869 City of New York 1



<i>Lycopodium</i>	<i>St. ...</i>			
	May 12 th , 1869	St. ...		5
	" 14 th "	"		"
<i>Utricularia</i>	<i>Sutk. ...</i>			
	Aug. 12 (1868)	...		6
	Apr. 1, 1869	...		0
	" 5 th 1868	...		0
	" 6 th "	...		0
	" 12 th "	...		9
	Aug. 17, 1869	...		4
	Aug. 19 th "	...		"
	" 27 th "	...		0
<i>Pinguicula</i>	<i>Aqu. ...</i>	<i>var. grandiflora</i>		
	Sept. 11, 1868	...	10,00	5
	Aug. 22 nd , 1869	...	6,000	5
	June 21 st , "	...	7,300	1
<i>Chrysopepis</i>	<i>villosa</i>	<i>var. hispida</i>		
	July 15 th 1869	...		5
		<i>var. resinifera</i>		
	Aug. 11, 1868	...		7
	Oct. 2 nd , "	...		2
		<i>var. pubescens</i>		
	May 29 th , 1869	...		2
	July 11 th , "	...		4
	Aug. 2 nd , "	...		12
<i>Selaginella</i>	<i>Vig. ...</i>	<i>var. multicaulis</i>	1869	
	Aug. 1 st 1869	...		2
	Aug. 2 nd , "	...		4
	" "	...		1
	Aug. 9 th , "	...		5
	Aug. 1 st	...	12,000	2



Chrysomelidae

Aug. 18	1852	W. H. ...		1
Aug. 19		W. H. ...		2
Sept. 20		W. H. ...	55	3
Aug. 18 ³¹				

S. ...

Aug. 18				1
---------	--	--	--	---

S. ...

Aug. 18				1
Aug. 19			6	2
Aug. 20				4
Aug. 21			20	3
Aug. 22				2
Aug. 23			5	4
Aug. 24				5

S. ...

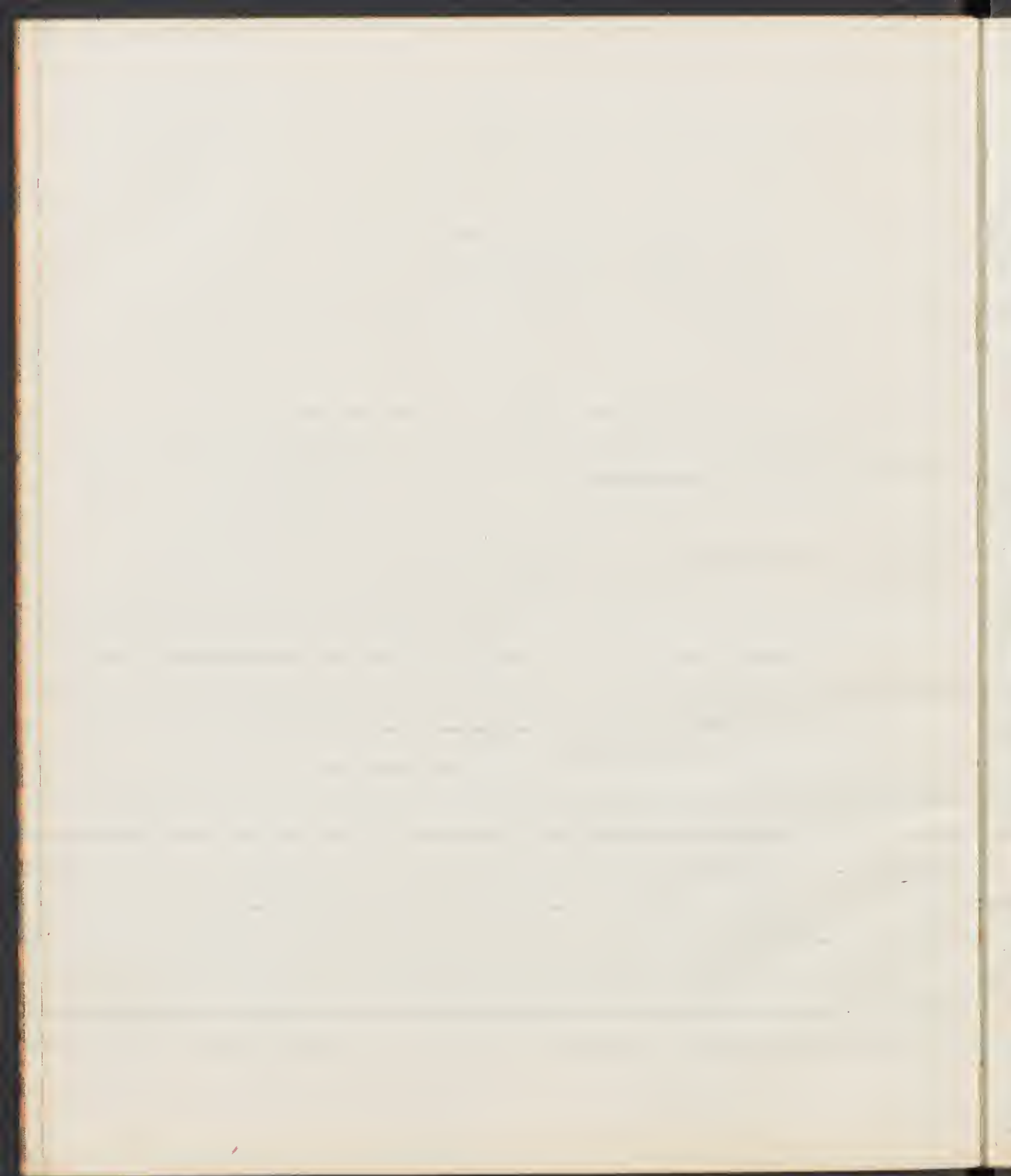
Aug. 25				2
Aug. 26				3
Aug. 27				4
Aug. 28				5
Aug. 29				6
Aug. 30				7
Aug. 31				8

S. ...

July 25	1868			3
Aug. 1				4
Aug. 2 ³¹				2



Sept 19, 1867 -	Ston Center		2
Sept 20, 1867 -	Ston Center		3
Sept 22, 1867	Ball's Creek	1000	1
" 23, 1867	Ball's Creek		1
" 24, 1867	Timby Valley	"	1
Aug. 25, 1867	Timby Valley		5
Aug. 26, 1867	Timby Valley		10
Aug. 27, 1867	Timby Valley		1
Aug. 28, 1867	Timby Valley		3
Aug. 29, 1867	Timby Valley		5
Aug. 30, 1867	Timby Valley		6
Aug. 31, 1867	Timby Valley		6
Sept 1, 1867	Timby Valley		6
Sept 2, 1867	Timby Valley		6
Sept 3, 1867	Timby Valley		6
Sept 4, 1867	Timby Valley		6
Sept 5, 1867	Timby Valley		6
Sept 6, 1867	Timby Valley		6
Sept 7, 1867	Timby Valley		6
Sept 8, 1867	Timby Valley		6
Sept 9, 1867	Timby Valley		6
Sept 10, 1867	Timby Valley		6
Sept 11, 1867	Timby Valley		6
Sept 12, 1867	Timby Valley		6
Sept 13, 1867	Timby Valley		6
Sept 14, 1867	Timby Valley		6
Sept 15, 1867	Timby Valley		6
Sept 16, 1867	Timby Valley		6
Sept 17, 1867	Timby Valley		6
Sept 18, 1867	Timby Valley		6
Sept 19, 1867	Timby Valley		6
Sept 20, 1867	Timby Valley		6
Sept 21, 1867	Timby Valley		6
Sept 22, 1867	Timby Valley		6
Sept 23, 1867	Timby Valley		6
Sept 24, 1867	Timby Valley		6
Sept 25, 1867	Timby Valley		6
Sept 26, 1867	Timby Valley		6
Sept 27, 1867	Timby Valley		6
Sept 28, 1867	Timby Valley		6
Sept 29, 1867	Timby Valley		6
Sept 30, 1867	Timby Valley		6



July 1909

Hill & ...
Bear ...

July 21st, 1909
" 30th, "

Ma. ...
June 20th ...
" 25th ...
" 30th ...
July 10th ...

June 20th ...
" 25th ...
July 10th ...

July 1st, 1909
" 31st, "

August 1st ...
" 10th ...

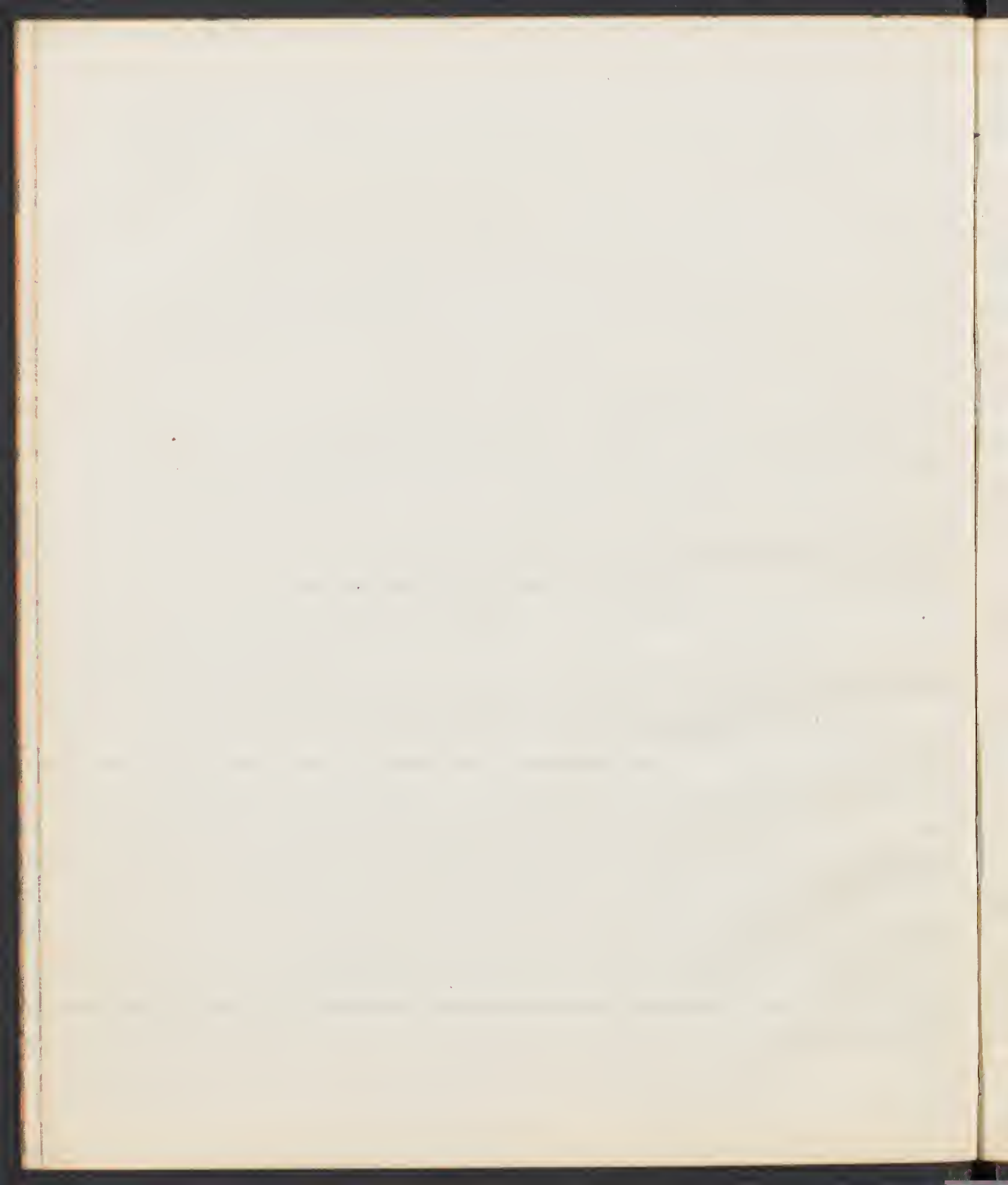
September 10th ...

October 10th ...
" 20th ...

November 10th ...
" 20th ...

December 10th ...
" 20th ...

January 10th ...



Leucospiza ...
 June 21, 1881 ... 1
 Aug. 11, ... 2
 22 ...
 Sept. 22 ... 9.0
 ... 6.0 ... 2

... ..
 Aug. 21, 1881 ...

 Sept. 20, 1881 ... 1

... ..
 Aug. 14, 1881 ...
 Aug. 17, 1881 ...

... ..

... ..

Hymenoclea ...

Handwritten header text at the top of the page.

Sept 20, 1884. H. ...

1

W. ...

2

Sept 20, 1884

...

3

tra axillaris

...

Sept 20, 1884

10

Sept 20, 1884

...

1

Sept 20, 1884

...

Sept 20, 1884

...

...

Sept 20, 1884

...

Sept 20, 1884

...

2

Sept 20, 1884

...

2

Sept 20, 1884

...

2

...

...

...

Sept 20, 1884

...

1

Sept 20, 1884

...

1

15. hispidus

...

...

2

...

...

...

3

...

...

6

Sept 20, 1884

...

1

Sept 20, 1884

...

Sept 17, 1884

...

1

...

...

1

...

...

...

2

...

...

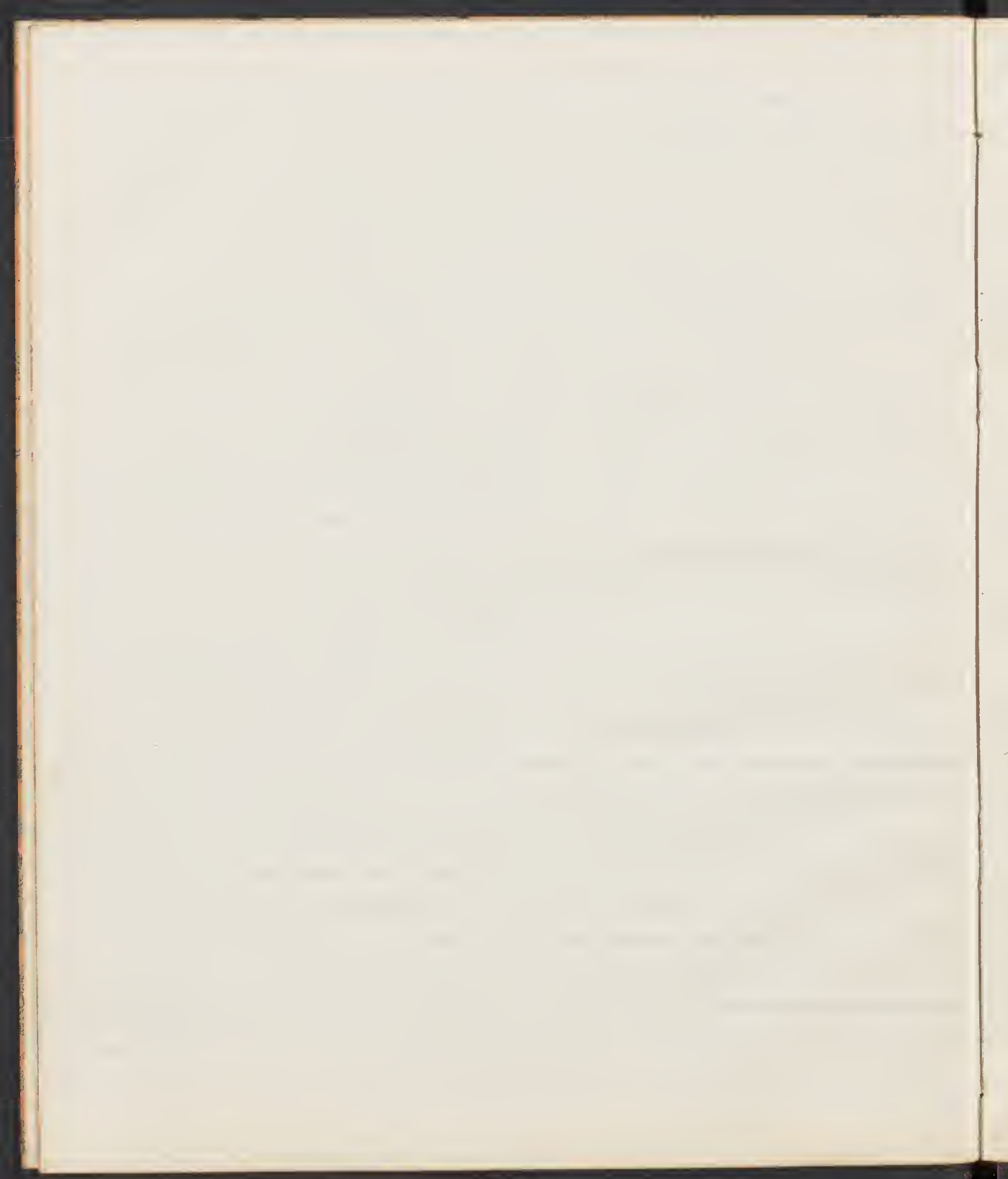
...

2

...

...

2



<i>H. ...</i>	...	...	3
<i>H. ...</i>	...	...	2
<i>H. ...</i>	...	...	1

<i>H. ...</i>	July 11, 1886	...	3
<i>H. ...</i>	Sept 17, 1886	...	2
<i>H. ...</i>	July 25, 1886	...	1
<i>H. ...</i>	" 30, 1886	...	2
<i>H. ...</i>	Sept 17, 1886	...	2
<i>H. ...</i>	Oct 6, 1886	...	3

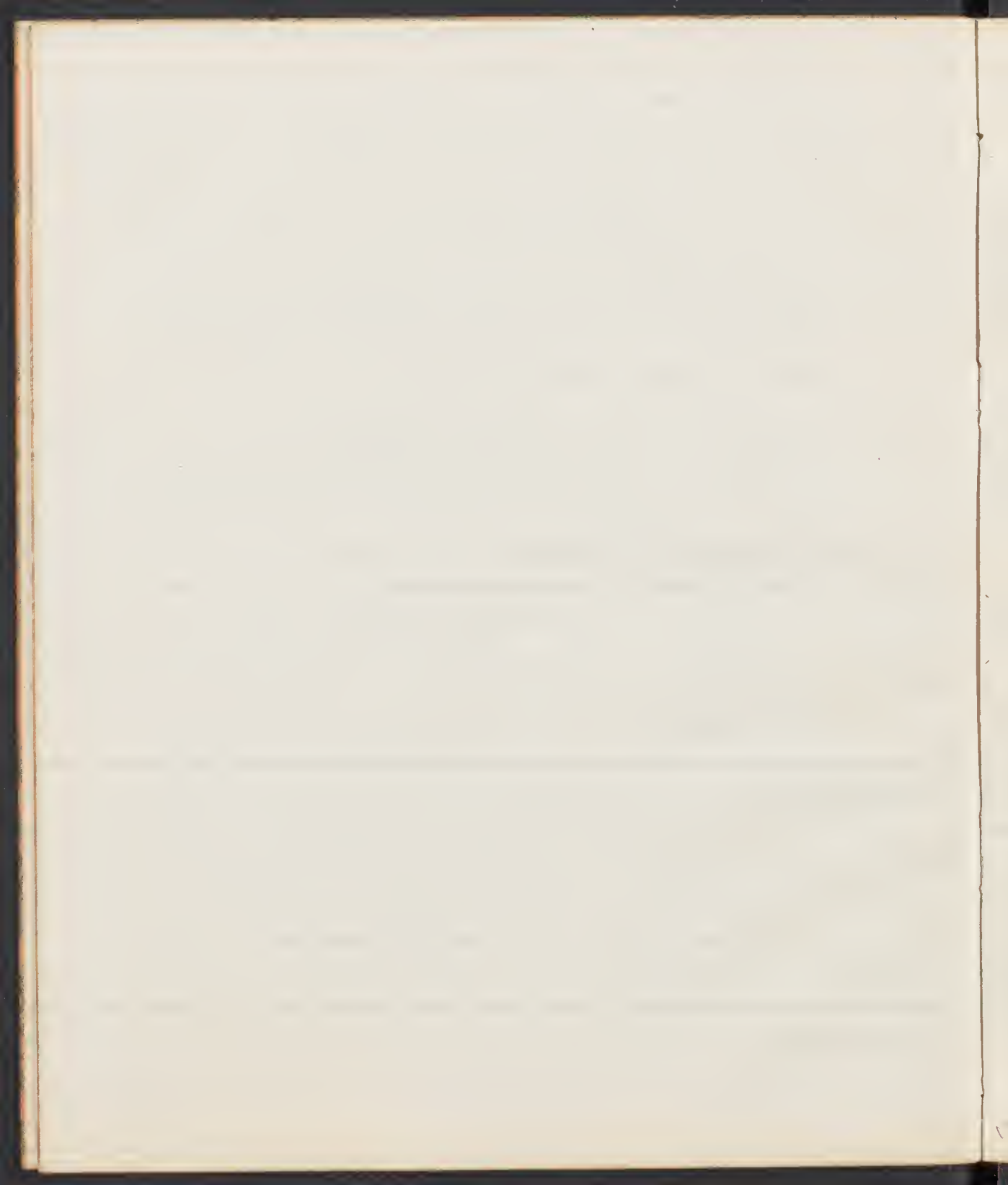
<i>H. ...</i>	Oct 11, 1886	...	3
<i>H. ...</i>	Sept 17, 1886	...	1
<i>H. ...</i>	Oct 20, 1886	...	1
<i>H. ...</i>	Aug 30, 1886	...	1
<i>H. ...</i>	" 10, 1886	...	3

H. ...

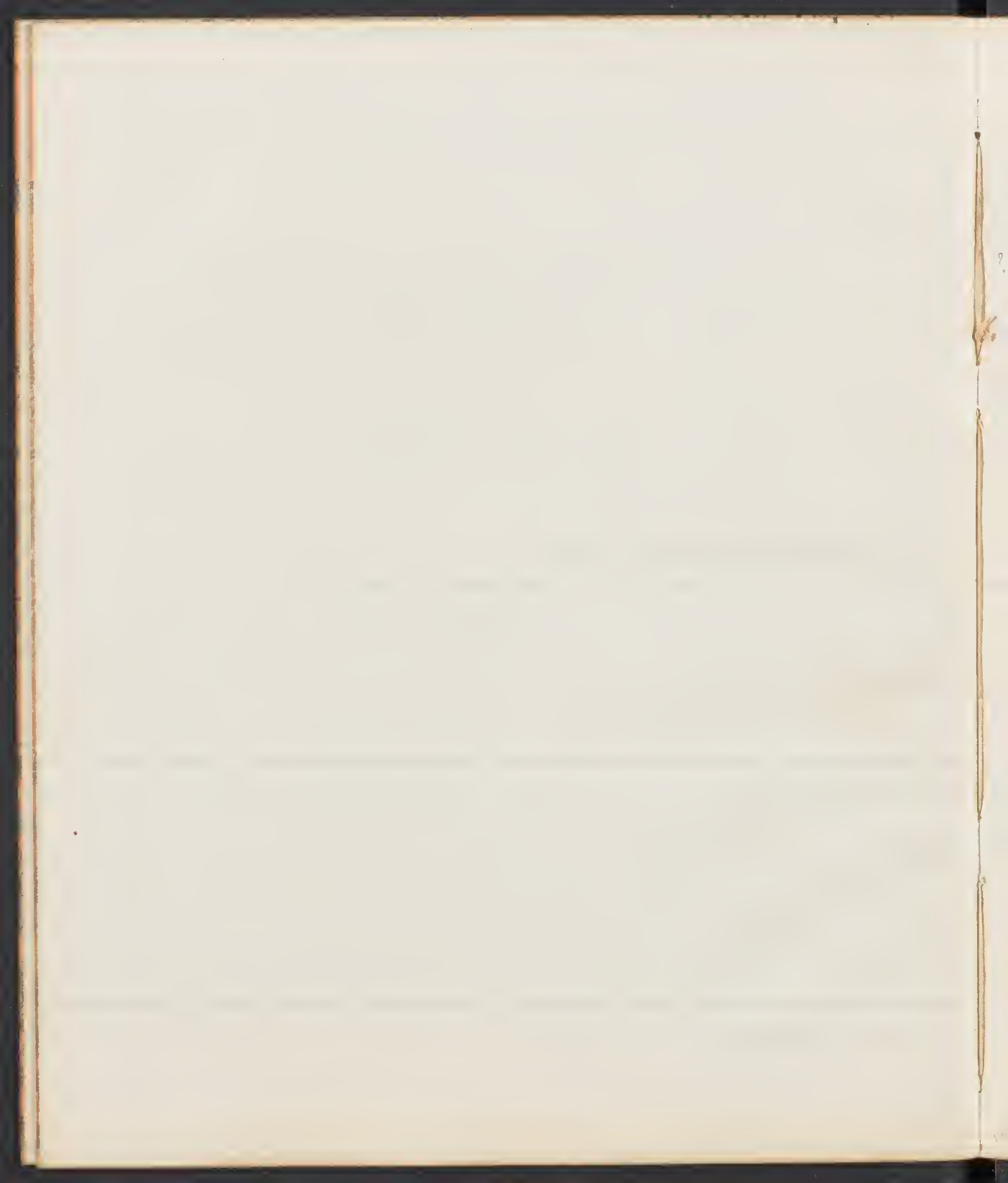
<i>H. ...</i>	June 27, 1886	...	1
<i>H. ...</i>	July 10, 1886	...	5
<i>H. ...</i>	Aug 10, 1886	...	1
<i>H. ...</i>	Sept 10, 1886	...	1
<i>H. ...</i>	Oct 10, 1886	...	1

H. ...

<i>H. ...</i>	July 27, 1886	...	5
---------------	---------------	-----	---



July 11	...	...	3
July 16	...	...	1
Aug. 11	...	...	2
" 16	...	...	2
June 12, 1864	...	...	4
" 17	...	...	1
" 21	...	...	2
" 24	...	...	1
20	...	...	1
" 21	...	...	1
...	...	...	5
...	...	...	1
June 27, 1864	Spring Valley, Mass	...	2
...	...	...	1
July 20	...	...	1
" 24	...	...	1
Aug. 21	...	...	1
Oct. 7	near ...	...	1
" 10	near ...	...	1
Sept. 11	...	...	1
May 29, 1869	...	...	1
June 12	...	...	1
" 20	...	...	3
Aug. 21	...	...	1
" 24	...	...	1
" 27	...	...	2



Chenopodium

May 14, 1868

" 16 " "

" 18 " "

June 22 " "

C. ...

May 16, 1868

C. ...

July 16, 1868

July 21 " "

June 12, 1869

" 15 " "

Helianthus

Aug. 20, 1868

H. ...

Aug. 24, 1868

H. ...

July 24, 1868

" 25 " "

Aug. 18, 1868

Buxifolia

May 13, 1868

" 14 " "

" 27 " "

June 12, 1868

Helianthus Hoopesii, Gr.

Aug. 24, 1868

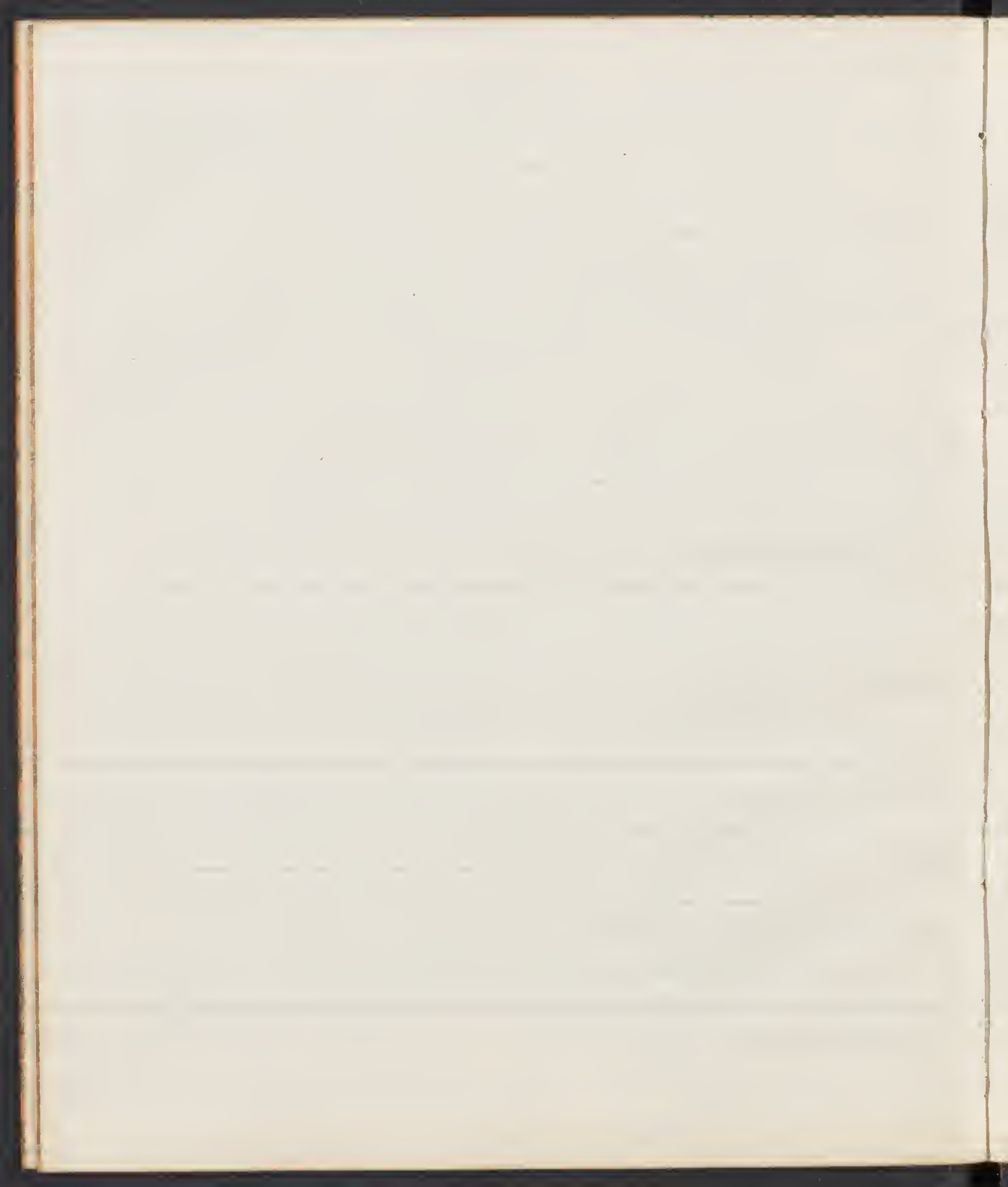
July 21, 1869

H. autumnale, L.

Sept. 24, 1868

" 29 " "

Aug. 24, 1869



Kryptopappus leptocladus, Gr.

June 20¹, 1868

" 21², "

~~Stroph~~ *Lagophylla ramosissima*, Nutt.

Sept. 19, 1867

Winnemucca Mts.

June 3¹⁰, 1868

" 24⁹, "

Madia racemosa, Nutt.

Sept. 1867

Wrights Cañon

June 3²⁶, 1868

" 8⁷, "

" 23⁴, "

July 20¹⁰², "

" 29¹², "

Amiia hispida, Nutt.

July 21⁷, 1869

Layia glandulosa, H. & A.

with 308

51)

May 2¹⁹, 1868

July 10¹², "

June 12²⁰, 1869

" 15²³, "

L. heterotricha, H. & A.

34)

May 21¹, 1868

June 15¹, "

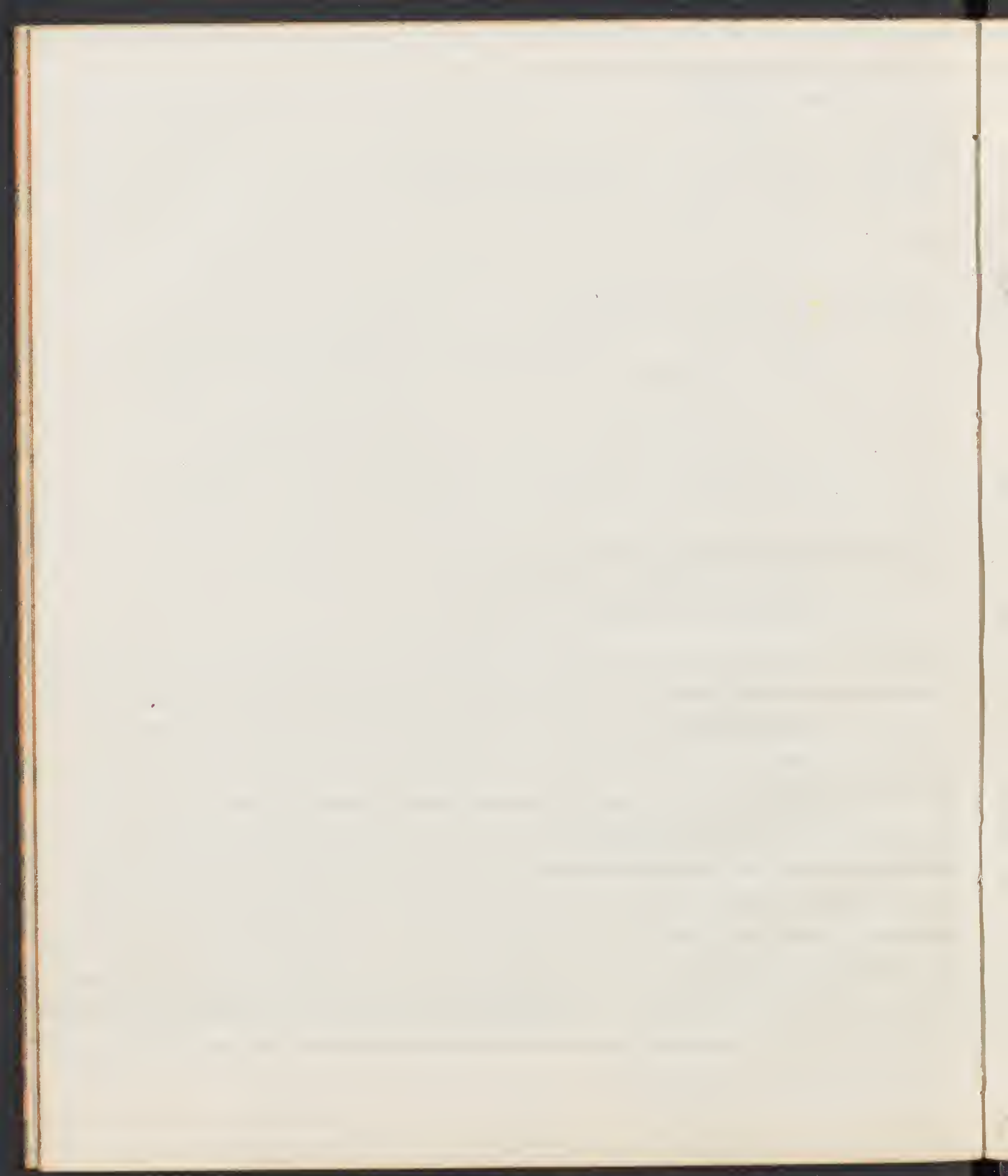
May 18¹, 1869

June 5¹, "

Monarda cotula, DC.

July 8⁹, 1868

" 9¹⁶, "



Achillea millefolium L.

Camp 10	Trucker Meadows - Glendale	W5833	3
June 24 ¹⁹	1868		2
July 11 ⁶	"		
" 24 ¹⁴	"		
" 30 ²⁴	"		
Aug. 2 ¹⁷	"		2
• " 28 ¹⁴	"		
Sept. 10 ²⁰	"		

Var. *rosea*, Nutt.

June 23 ²⁷	1869		1
July 3 ⁵	"		

Matricaria discolor, DC.

May 14 ²²	1868		
" 31 ¹⁵	1869		

Artemisia ~~spina~~ excelsa

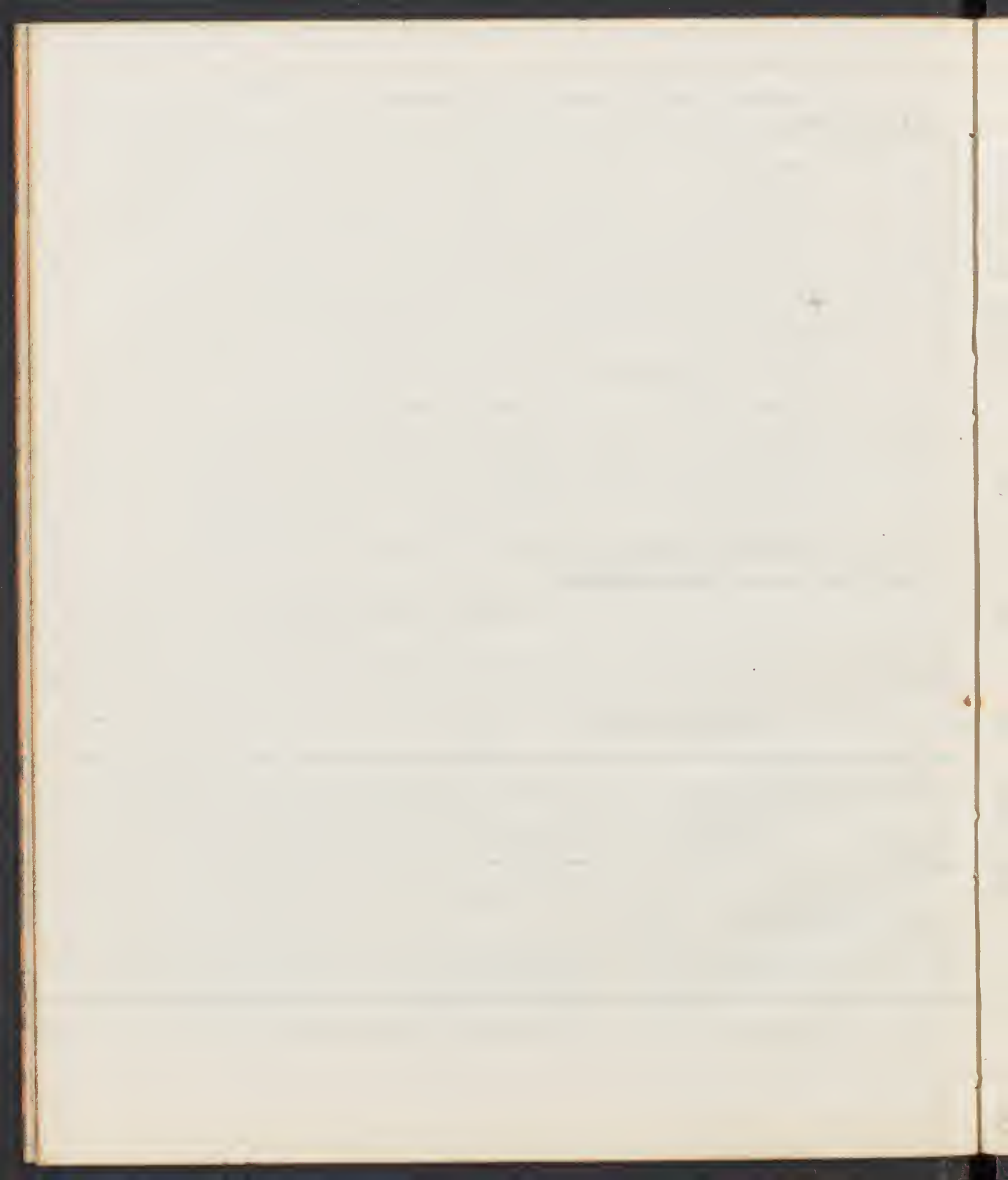
501			
June 27 ⁴²	1868		2
" 18 ⁴	1869		4

A. traccata Ledeb., Ph.

Camp 12		W5835	
Aug. 20,	1869		1
" 21 ²⁰ ,	1868		
Sept. 4 ¹⁶ ,	"		1
Oct 2 ⁵ ,	"		

A. tridentata, Nutt.

Sept. 20,	1867	Star Peak	
" 29,	"	North of Star Peak	
" 18,	1866	Star Peak	



Artemisia trifida, Nutt.

- Sept. 10, 1867 - Buena Vista Canon 2
- Aug. 28⁶, 1868 - 3
- Sept. 14 " - 4
- " 23⁵ " - 4
- " 25⁴ " - 4

A. Nevadaensis,

- July 29⁶, 1868 - 2

A. complanata

- July 13¹¹, 1869 - 3
- Aug. 14², 1869 - 4

A. discolor, Dougl.

- Sept. 15, 1867 - Hot Peak - 3
- July 26¹², 1868 - 1
- Aug. 18²⁰, 1868 - 3
- " 18¹⁰, 1869 - 2

A. ludoviciana, Nutt. var. *longicauda*

- Aug. 4, 1867 - Canon valley - Red Station - 2
- " 10¹², 1868 - 6

var. *latifolia*

- Camp. 12 1868 - 2

- Oct. 11, 1867 - Witham Valley - 2

var. *latiloba*

- Oct. 1, 1867 - Greenish Park - 2

- " " " - Witham Valley - 2

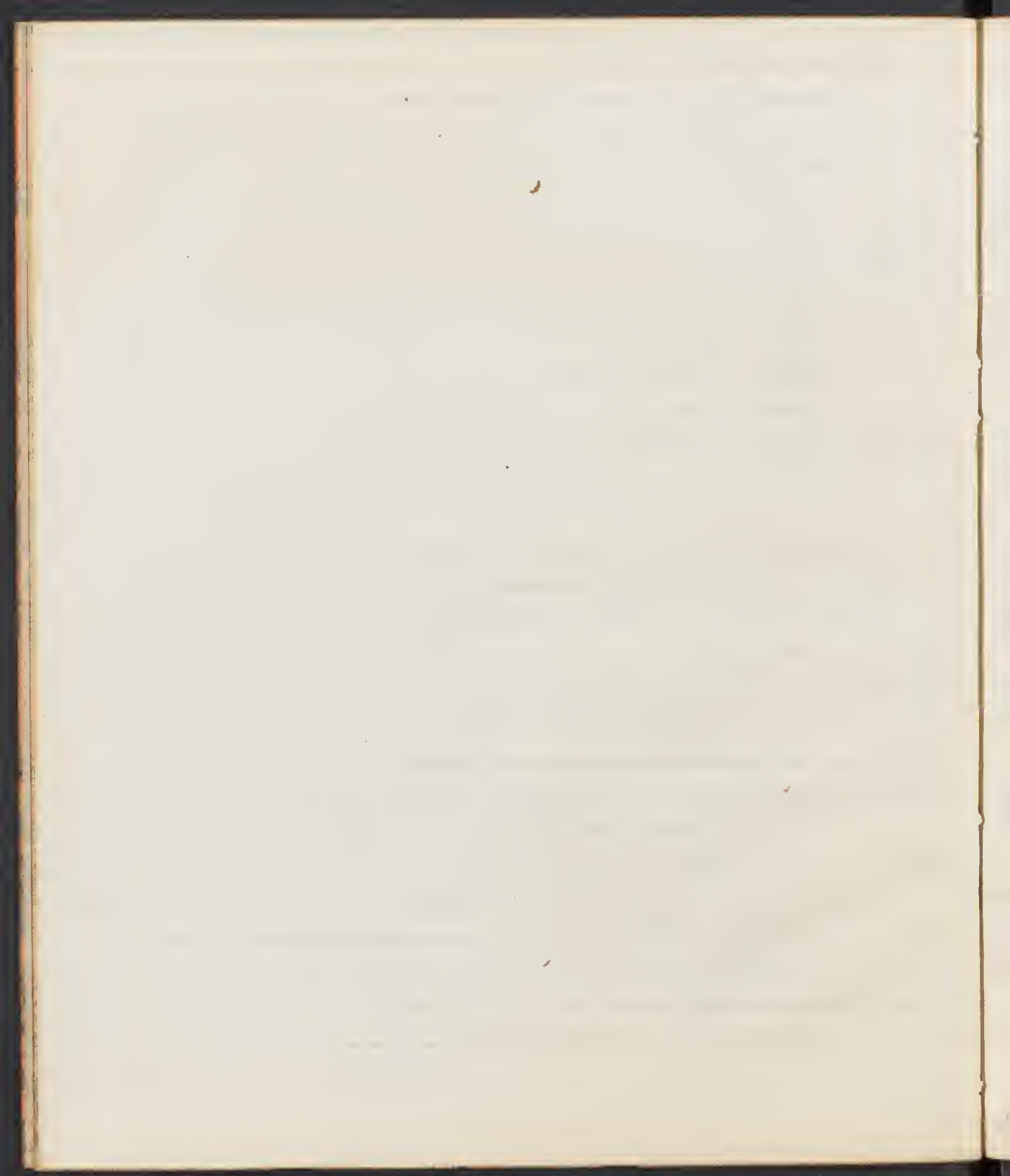
- Aug. 10², 1868 - Camp - 1

- Sept. 2³, 1868 - 1

A. bicoloris, Willd.

- Sept. 20, 1867 - Hot Canon - 2

- " 24¹, 1868 - 2



Artemisia virgata, Link.

Aug. 27th, 1868

July 28th, 1869

A. scopulorum, Gr.

Aug. 3rd, 1868

" 5th, "

Ernaphalium lutescens, var. *Spiraeifolium*

133

Sept. 20th, 1868

G. palustris, Nutt.

Camp 12

July 26, 1867

Sept. 10 "

July 10th, 1868

" 20th "

" 28th "

Aug 1st "

Aug 20th "

Aug 26th "

June 26th, 1869

Antennaria margaritacea, R. Br.

July 13th, 1869

A. Carpathica, R. Br.

June 25th, 1868

var. *B. punctatissima*, Hook.

Aug. 28th, 1868

Sept. 12th "

A. alpina, Willd.

Aug. 27th, 1868

" 29th "

" 31st, 1869

11

10
2
9
1
3
1
12
5
2
1
2
1
1
2
1
1
1
6
1
6
3
1
1



Antennaria dioica, Gaertn.

July 6 ²³	1868	...	...	7
" 20 ^{55.79}	"	...	...	1
Aug. 6 ¹²	"	...	...	5
" 22 ³	"	...	...	1
June 23 ²⁵	1869	...	...	1
July 6 ²⁰	"	...	...	1
" 10 ⁵	"	...	...	1
Aug 4 ^{10.21}	"	...	...	3

var. *rocea*

June 27 ¹⁴	1868	...	...	4
July 14 ⁸	1869	...	...	2

A. dimorpha, (Th.) var. *McHallenii*

365 ...

var. *paradoxa*

June 3 ⁵	1868	...	...	1
May 17 ¹²	1869	pk.	...	9
" 18 ¹¹	"	"	...	9

June 7⁶ 1868 - (intermediate) ... 4

A. angustifolia, Vahl

June 26¹⁷, 1868 ...

A. Chamissonis, Less

Aug 10 ¹²	1868	...	...	5
July 26 ³	1869	...	...	20
" 31 ²⁰	"	...	...	18

A. longifolia

Sept. 12³⁵, 1868 ...

Aug. 10¹¹, 1869 ...

A. mollis, Hook

Aug. 26⁵, 1868 ...

July 8⁷, 1869 ...

Aug. 12^{20.35} ...

Arnica latifolia, Bong.

July 14⁶⁵ 1869

" 20¹⁵ "

near Park & W. G. Perkins Park 8,500

3

A. cordifolia, Hook

- Sept. 3²⁰ 1869 E. Humboldt Mts, ... 9,000 4
- " 13¹ " Clear Lake ... 9,000 1
- June 30¹³ 1869 Carson above Berkeley Park Camp 9,000 12
- July 5¹⁷ " Minerals - mountain side above ... camp 9,000 2
- " 20¹ " Lower ... camp 7,500 1
- " 16²² " Walden ... 6,500 2
- " 31¹ " Minerals - Bear River ... 6,000 1
- Aug. 12²³ " ridge ... 10,000 2

Senecio lupinus, Rich.

- ↓ Aug. 9¹⁴ 1869 Minerals - over divide of ... 8,000 4
- ↓ " 19⁴ " Lookout - ... 8,000 5
- ↓ July 31¹⁰ " Bear River bottom - 8,000 1

Var. *recessus*

4461 May 2 - wet ... above Carson 3

May 27⁹ 1869 Trinity Mts - hillside near camp 6,000 2

June 8²⁹ " Unionville ... moist hills 7,000 1

1-3°

" 12⁷ " Bayview range - east of ... 7,000 1

" 20¹² " Spalding's Pass - dry ... hills near camp 7,000 2

July 20⁶³ " ... camp Ruby 7,500 2

Aug. 2³¹ " E. Humboldt Mts - Lake Shore 9,000 2

↓ Dec. 17²² 1869 City Creek ... 5,000 3

↓ " 21³⁰ " ... near S. L. C. ... 1

↓ July 5¹⁹ " Minerals - mountain side above ... 7,000 2

↓ " 14⁶⁶ " ... Lake 9,000 6

Var. *recessus*

var. *recessus*

Aug. 2²⁶ 1869 ... 1

" 10²² " " " " 2

2314



Senecio hydrophilus, Nutt.

Aug. 3 ³ , 1868	Ruby Valley - above - bank	2,000	1
Sept. 1 ¹⁴ "	" "	"	2
July 20 ¹⁰ , 1869	Kimball's meadow	6,000	2
Aug. 15 ² "	Hunt's Echo cañon - meadow	7,000	2

S. triangularis, Hook

Aug. 28 ¹⁶ , 1868	Oriskany Ranch cañon - end of bank	7,000	3
July 7 ¹⁰ , 1869	Sierrita - fork of Piute camp	7,000	4
Aug. 6 ² , "	" " " "	6,000	2

S. Andersonii, Nutt

June 26 ¹⁰ , 1868	Near Cumberland - shaded bank	5,000	1
Aug. 6 ⁷ "	E. Humboldt Mts - near water in meadow	7,000	6
July 9 ¹⁴ , 1869	Piute Valley - above - meadow	6,000	4
" 22 ¹¹ "	Silver cañon cañon	"	2

S. aureus, L. ~~var. typica~~

Aug. 25 ⁵ , 1868	E. Humb. Mts - Poplar cañon, shade	6,000	6
" 27 ¹⁰ "	" " near Lake	9,000	3

var. *obovatus*

June 17 ¹² , 1868	Dry cañon N. of Connelly's Pass	5,000	2
July 12 ¹⁰ , "	Ruby Valley	6,000	1
Aug. 26 ²¹ , "	W. slope above Piute cañon - pines	7,000	2
June 29 ⁷ , 1869	" - above Piute's Pass camp	7,000	3
July 14 ¹ , "	W. end cañon - above Piute	4,000	3
" 20 ²⁰ , "	Piute's Pass meadow	6,000	2

var. *borealis*

July 11 ³ , 1868	Piute Valley	6,000	5
Sept. 30 ¹ , "	Goose Lake meadow	"	1

var. *cioceros*

May 27 ⁹ , 1869	City cañon cañon	"	3
July 31 ¹ , "	Blair R. bottom	7,000	1
Aug. 14 ¹⁰ , "	" " " near Sawtooth	7,000	2

Senecio frondosus, Gr.

June 7, 1838

Stone in park near the mill

5,000

4

" 10th "

Wetly hillsides on upper falls east

"

1

" 12th "

Wet hillsides

5,000

1

" 25th "

Spawning Pass Camp

"

3

July 9th "

Ridge at Rotor's Mill station

5,000

2

" 20th "

Stone above Pulpit Cliff

3,000

1

" 24th "

Stone above Camp Henry

8,500

1

" 27th "

Wet hillsides above Ft. Pulley

8,000

1

Aug. 14th "

Wet hillsides above Sawmill

9,000

1

Aug. 18th "

Wet hillsides near S. L. C.

9,000

3

Aug. 21st 1839

Wet hillsides near S. L. C.

9,000

3

S. multilobatus

June 3rd "

Wet hillsides near S. L. C.

9,000

1

" 26th "

Wet hillsides near S. L. C.

6,000

1

Aug. 10th "

Wet hillsides near S. L. C.

9,000

1

S. canus, Hook

?

July 27th 1838

Wet hillsides above Ft. Pulley

9,000

1

Aug. 14th 1840

Wet hillsides above Sawmill

9,000

3

" 3rd 1869

Wet hillsides above Bear's camp

12,000

5

S. eremophilus, Rich.

July 10th 1838

Wet hillsides above Sawmill, sandy strambets

9,000

7

Aug. 12th "

Wet hillsides above S. L. C.

9,000

2

" 14th "

Wet hillsides above S. L. C.

8,500

5

S. Fremontii, G. & G.

July 10th 1838

Wet hillsides above Sawmill, sandy strambets

9,000

7

Aug. 3rd "

Wet hillsides above S. L. C.

10,000

1

" 10th "

Wet hillsides above S. L. C.

12,000

3

S. ampliflorus, Gr.

Sept. 10th, 1860

Rocks near Nelson's Bend

11,000

18

Psathyrotes annua, Gr.

Aug. 14th, 1867

Wet hillsides above Sawmill

11,000

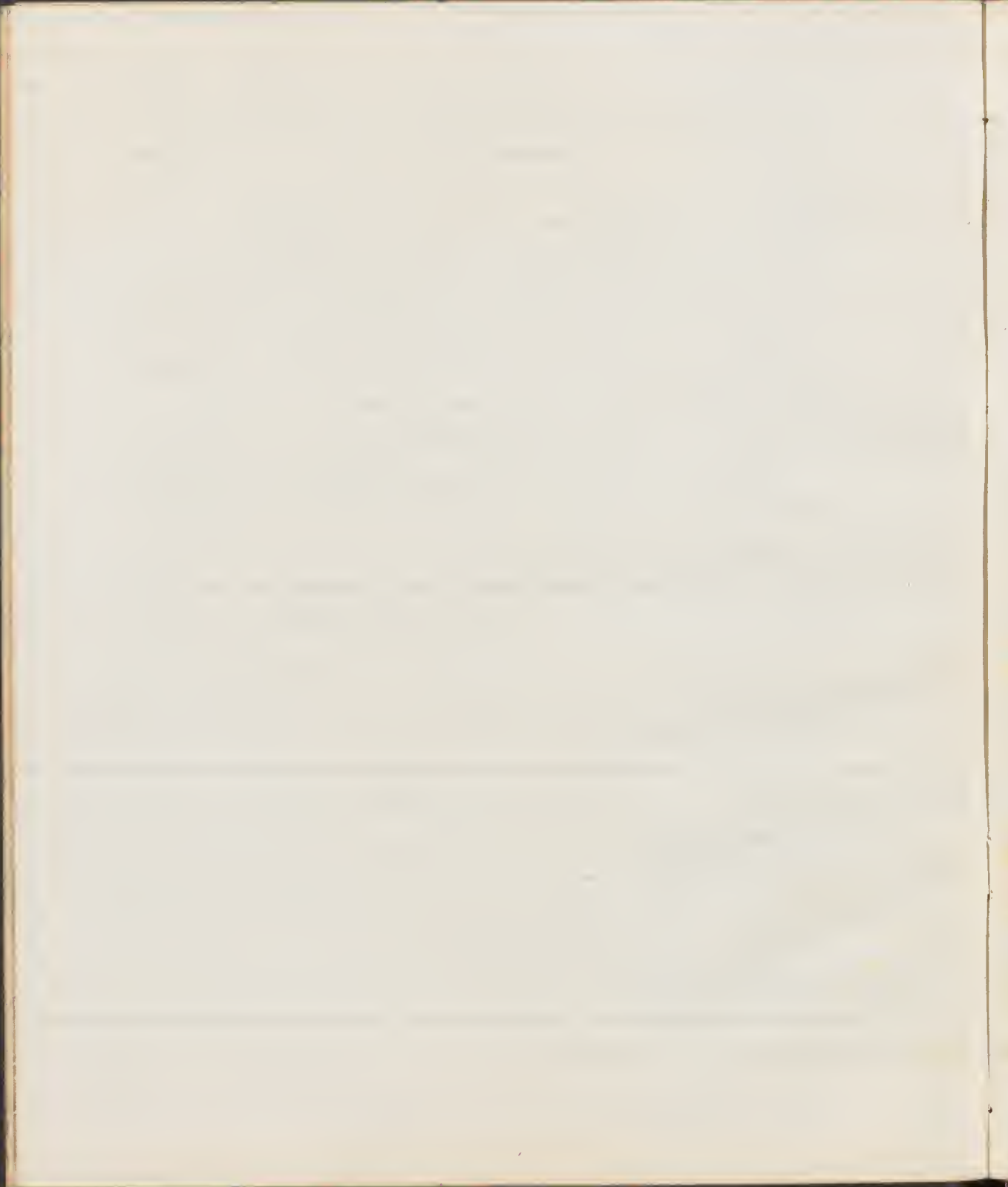
1

May 15th 1868

Wet hillsides above S. L. C.

11,000

1



Tetradymia canescens, DC

	July 31, 1867	W. above Star II. - 2000 ft	at Valley Wells	6,000 ft	1
11	Aug. 29, 1868	Valley above Oriskany Ravine		7,000	1
		var. <i>incanum</i>			
10	July 6 th 1868	Summit above Austin		6,500	2
?	Aug 7 th "	Humboldt road			2
	" 10 th "	Ruby Valley			1
	July 22 nd 1869	Sierra Creek cañon			2
	7. <i>glabrata</i> , Torr.				
	Sept. 29, 1867	Canyon of Mt. S. of Spalding's Pass			3
	June 11 th 1868	Foot hills near Unionville			3
	" 14 th "	" " "			2
	July 7 th "	Monterey Valley - said to be 10,000 ft			2
	June 15 th 1869	Canyon of the Lake			5
	7. <i>multica</i> , Torr.				
	June 13 th 1869	Stanislaus's Bend - ridge			1
	7. <i>spinosa</i> , Hook.				
	May 14 th 1868	Sierra Nevada - ridge			1
	" 18 th "	Sierra Nevada - foot hills near Parkers			1
	June 11 th "	Foot hills near Unionville			1

7-7-17 - Roststock - outer coaly orange orange - petals subacute or obovate -
69 12-15' high - bract mostly simple, very narrow
imbricate,

6-24-12 - Bull - coaly cellular reticulate - petals obovate - acuminate,
66 6-8' high - bracts 2 - very broad - leaves 2-3, radical,

5-21-22 - Petals obovate, 1/2" long, acuminate, anther 1/3" - style about equal -
64 imbricate.
10-12' high - 2-3 bracts - leaves 2-3, radical -

6-3-23 - Petals 4", broad, acuminate - stam 1/3 - style about equal - oc - as leaves -

imbricate (11 bracts radical), equaling the 10' scape

long acuminate - ^{stamens} $\frac{1}{2}$ - style shorter, embedded - capsule obtuse - cells 1-2
leaves 1-2" wide - $\frac{2}{3}$ stem - ⁵⁻⁹ multi $\frac{1}{2}$ fl. round - rays $\frac{4-6"}{1}$ long or less
axial 3-4, radial -

4" - ^{stamens} $\frac{1}{2}$ - $\frac{2}{3}$ - style longer, capsule obtuse - cells 1-2
nearly equally acute, 1" wide - multi many (20s), rays 6-7" long

ma capsule slightly lobed - capsule obtuse, cells 1-2

rays 11-10, 6-8" long - full

rays 12, 4-5" long - full

