GREENBERG

Swamp & Sons

Sprouts

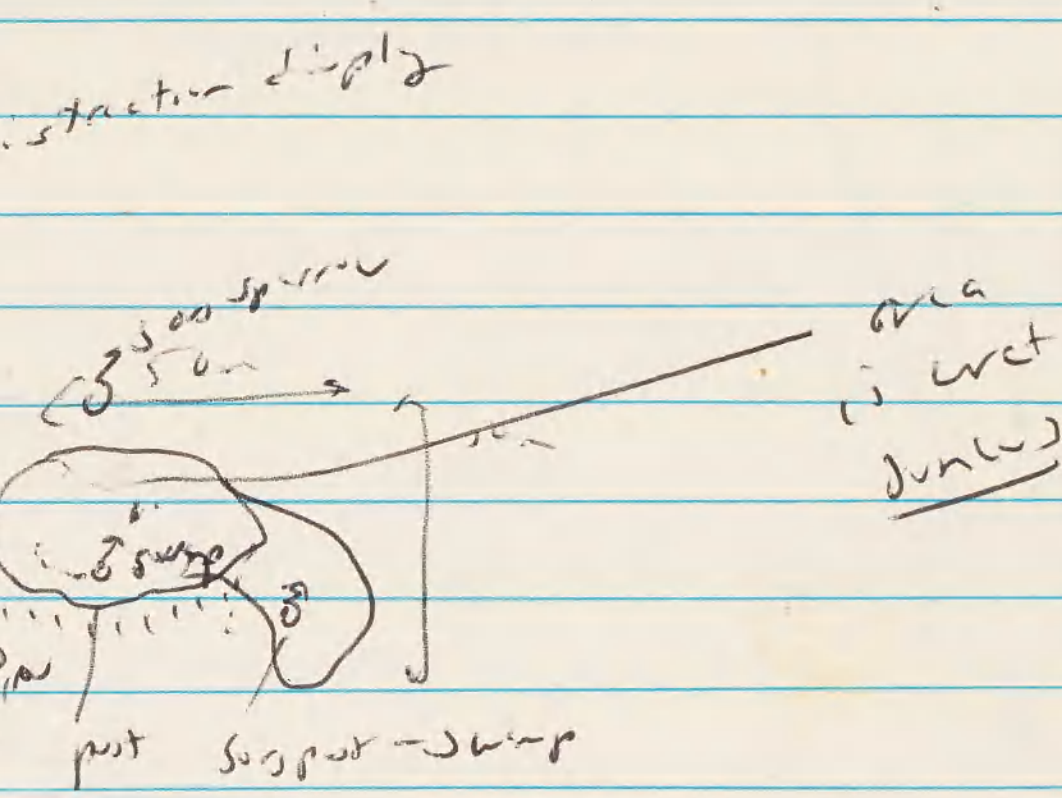
1985

7530-00-222-3521
FEDERAL SUPPLY SERVICE
(GPO)

14 June 1985.

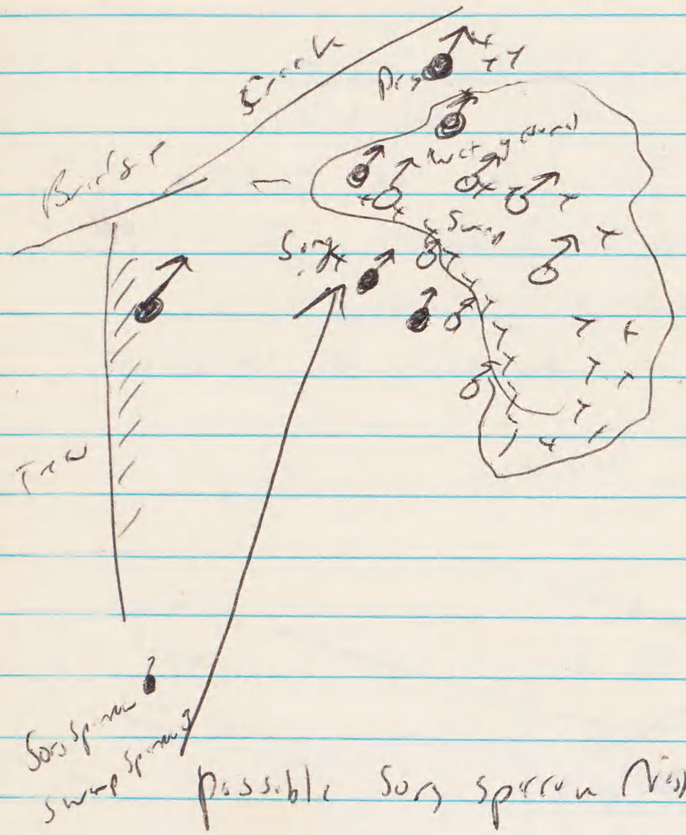
Gene Morton's Parents Farm

Across the road from the house
a small track goes into the wildlife
refuge & into marsh habitat. I
saw several swamp sparrows around
a Juncus marsh bordered by willows



Pair of birds hung out together moving
continuously in lower branches of willows
& occasionally dropping into the marsh
for 1-5 minutes. Gave light "tsip"
notes & male occasionally sang from
~~stop a~~ a height. - saw a bird
sally for a moth & another catching
spider webbing.

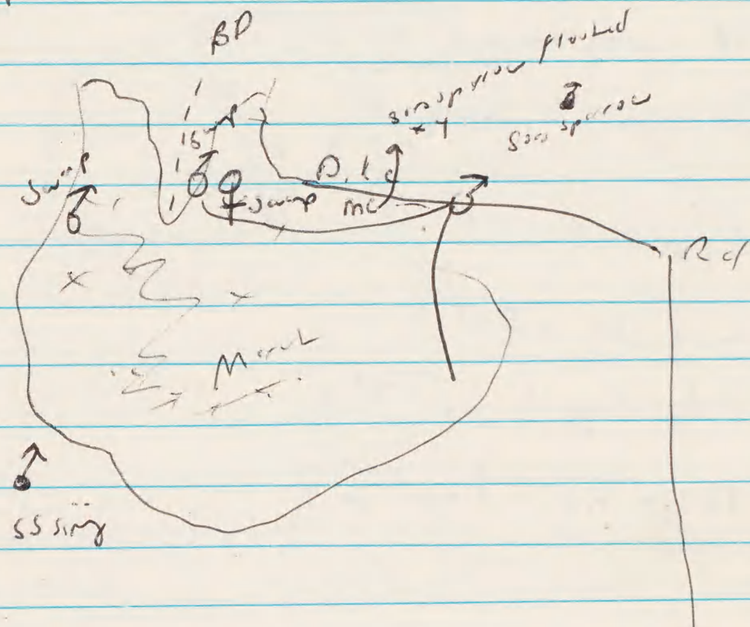
Saw ♂ 11:51 ock letter or



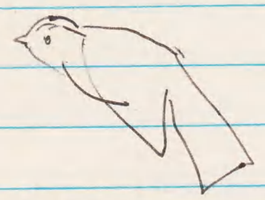
My general impression is that wherever ground is wet - regardless of vegetation there are Swamp Sparrows. So far I've seen no interactions between the species.

Saw 5 Song sparrow birds, food to nest & fledgling but couldn't find the nest

From 4:00 - 6:30 I watched the interaction of swamp from a chair



I saw 2nd border display - 2 Swamp sparrows in Maple Pd up with hunched posture - totally quiet moving back & forth about 1-5' apart



9f (brown- not rusty crown?)

Kept shy up at edge of cliffs

1-3 up city across +

going to edge of swamp.

Odd "grouted" at δ

with last off + fed.

occasionally dipped. The

Jim almost no feeding in

tree)

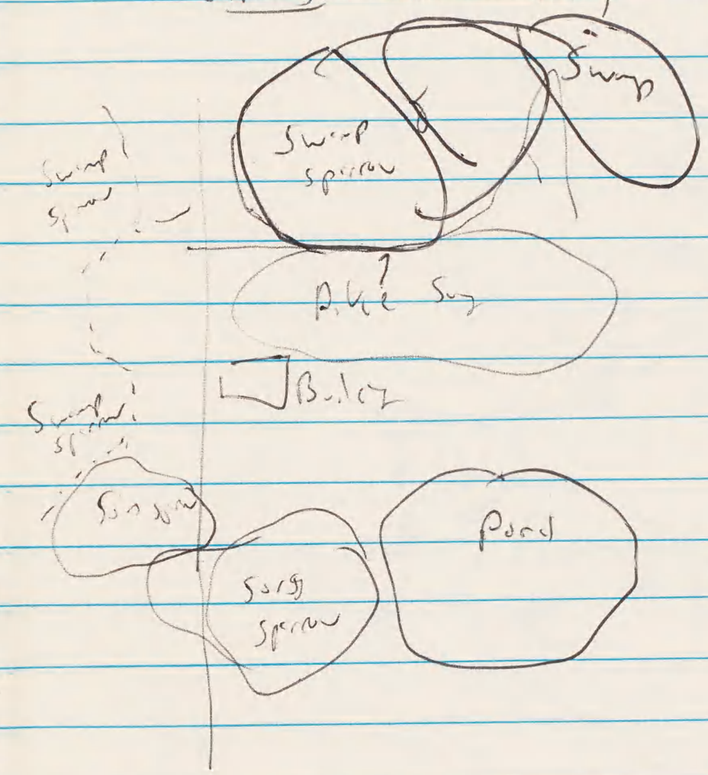
Seen at 545

5:55

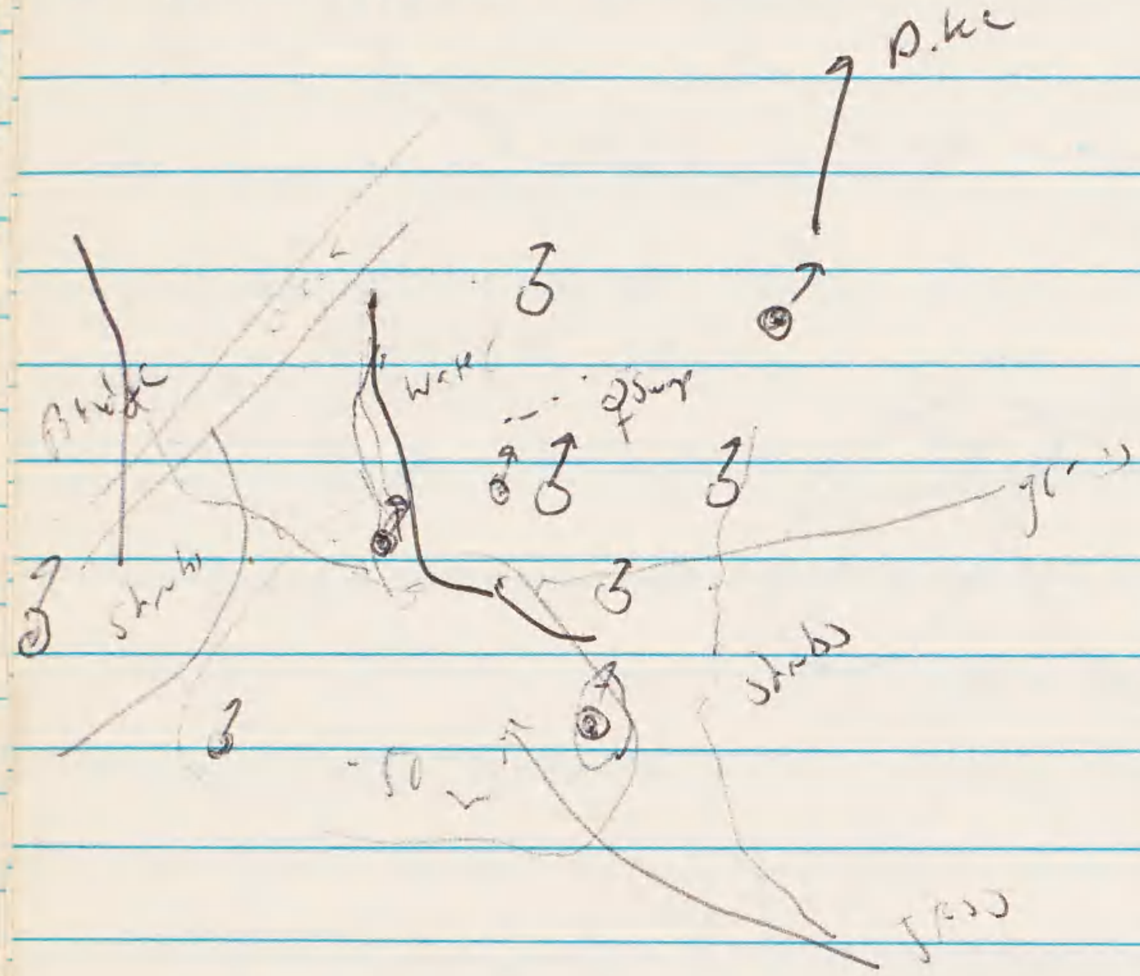
Also another one I chicked today

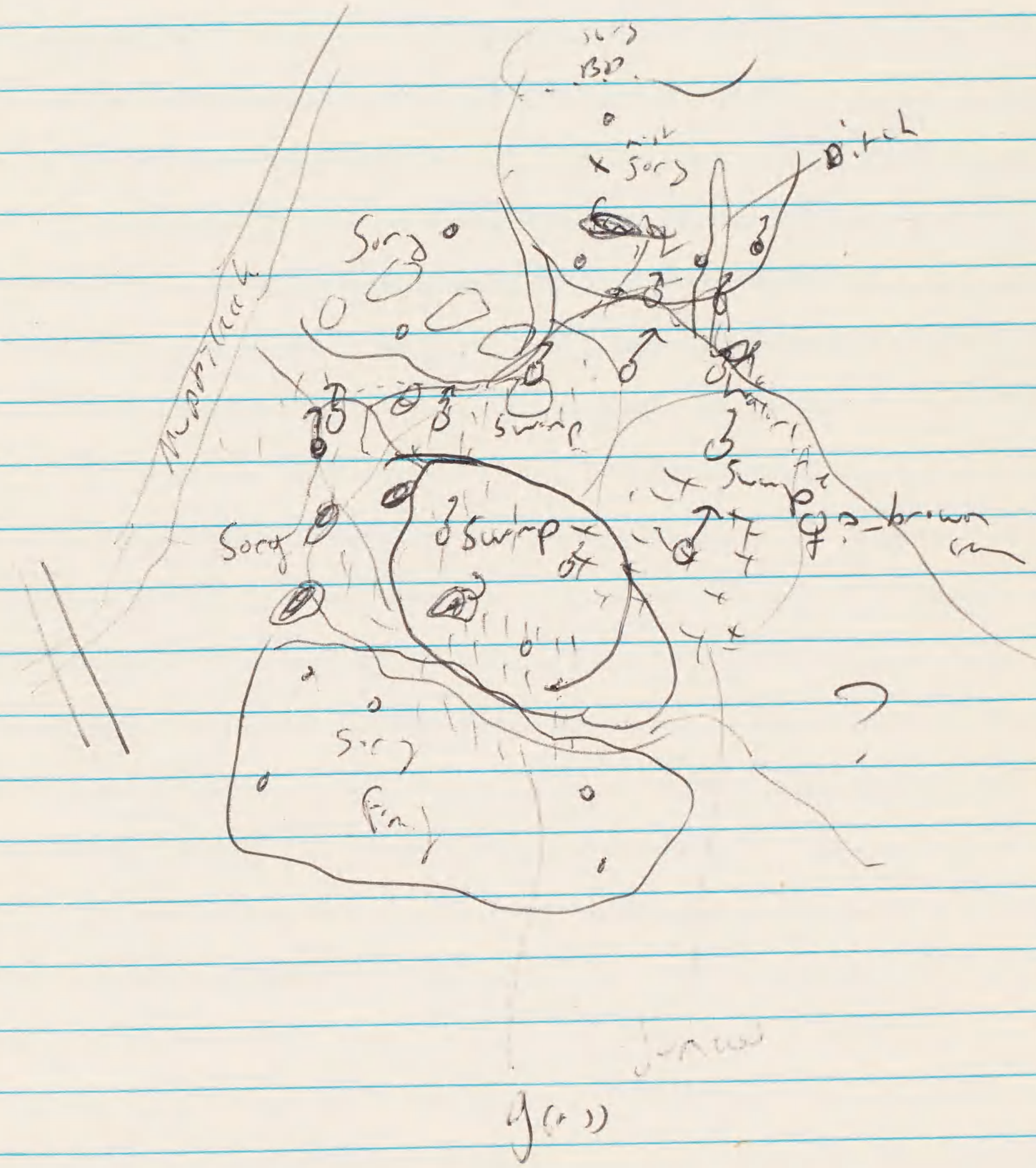
Near this marsh had a field of

Juncy - but only Song Sparrows



16 June


Dike
water
grass
shrubs
grass

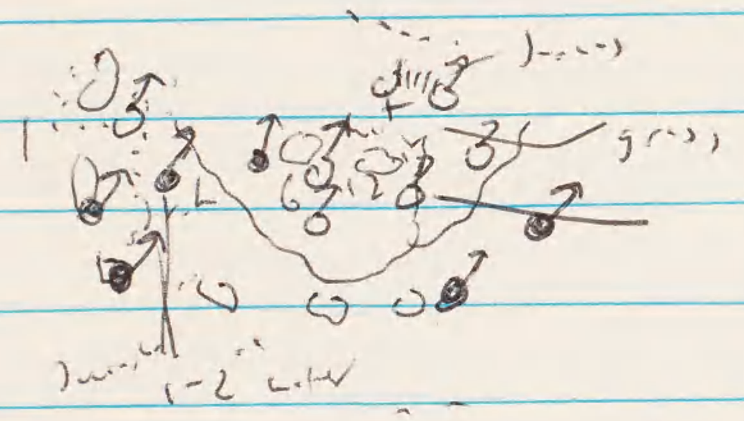

Ditch
Sorg
Sorg
Swamp
Swamp
Swamp
Sorg
brown
Sorg

8:30 - 11:30 am

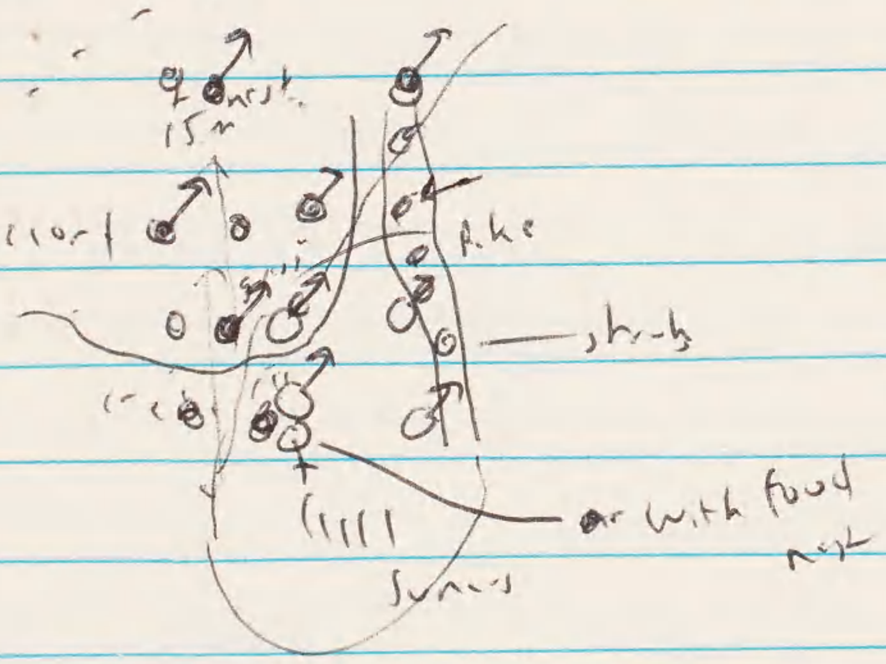
I worked the 2nd marsh area near old bridge - paying particularly attention to the ecotones.

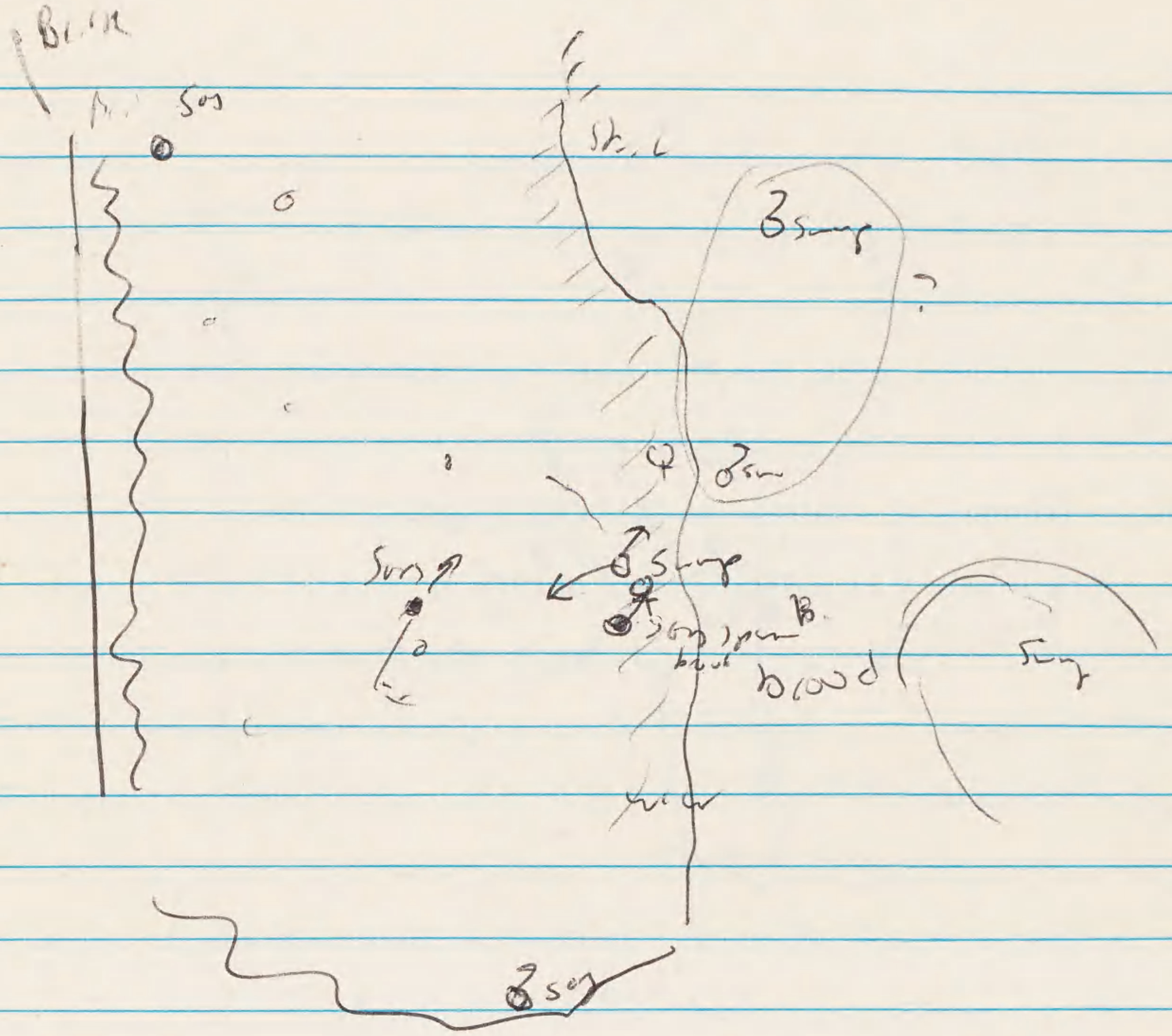
~~[illegible]~~ In all cases the two sparrows were quite distinct in preferring dry or wet land. The ~~closest~~ ecotone went from dry to wet grass with scattered shrubs & only a small (wide) area of Juncus - no cattails. Still The two sparrows were separated

(but on boundary in detail)



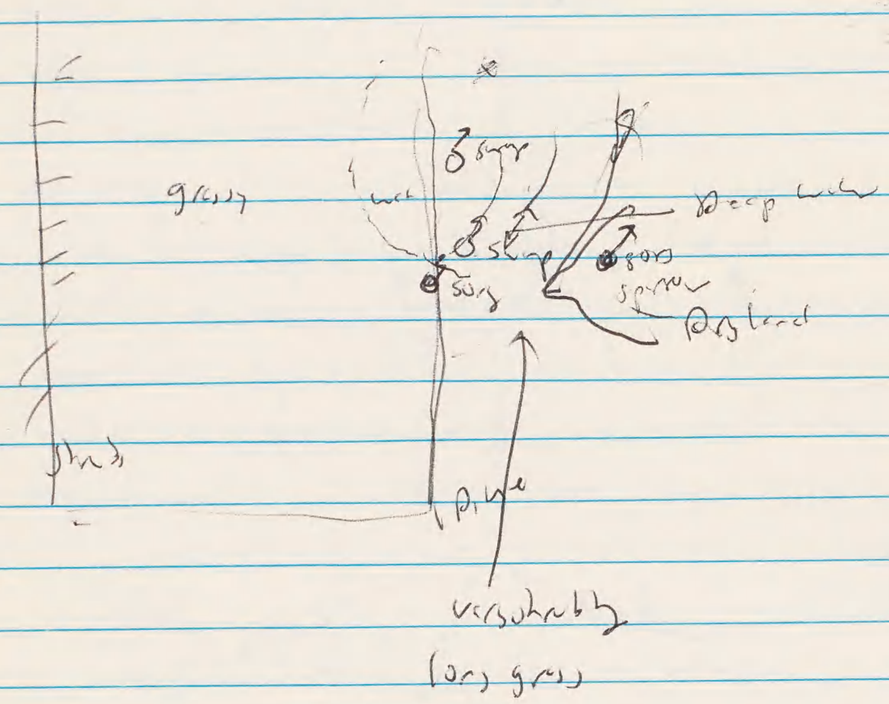
and a second

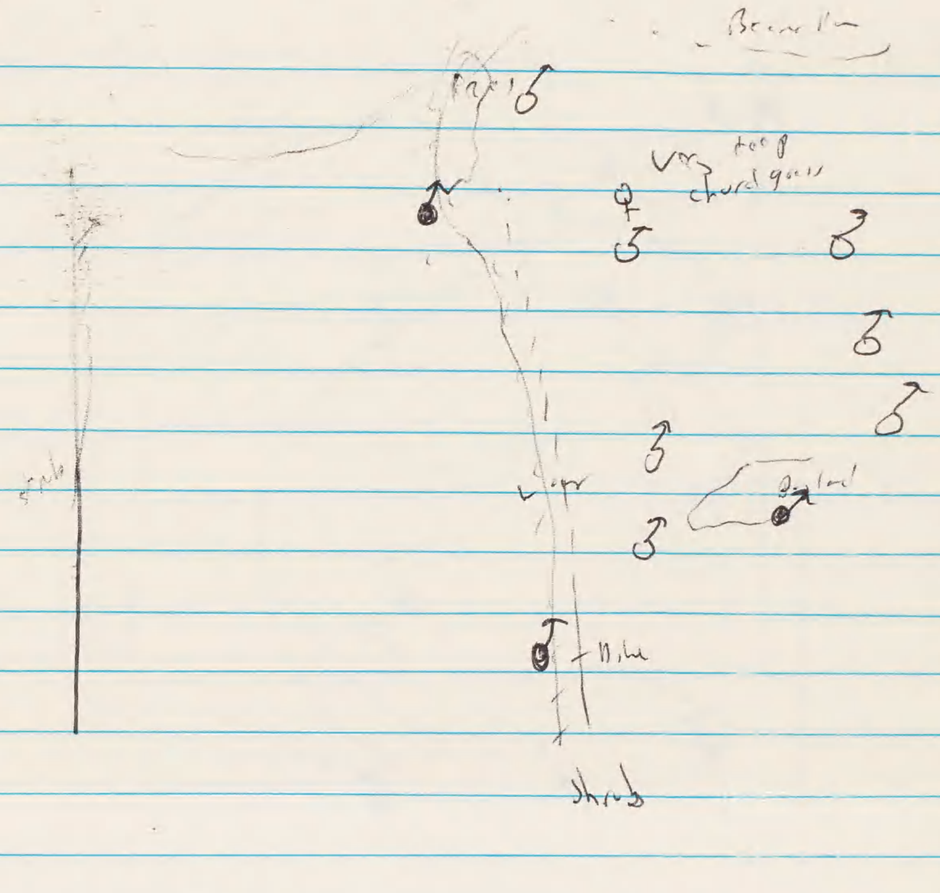




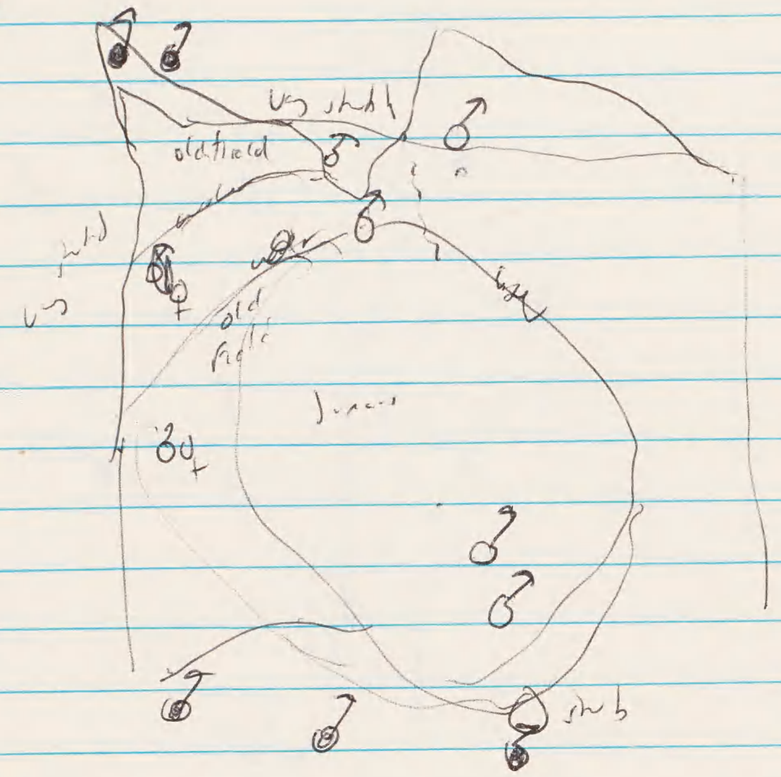
Song & Swamp ♂ in same tree

430

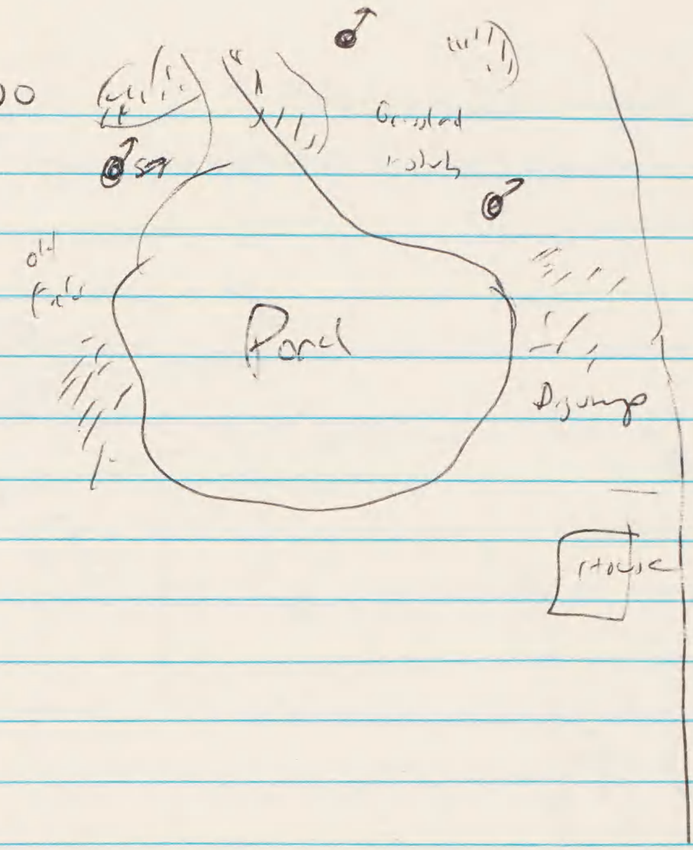

gravity
Deep cut
Parted
Pubic
Vertebrae
(or) gravity


Vag top
chord gravity
Pubic
Shrub

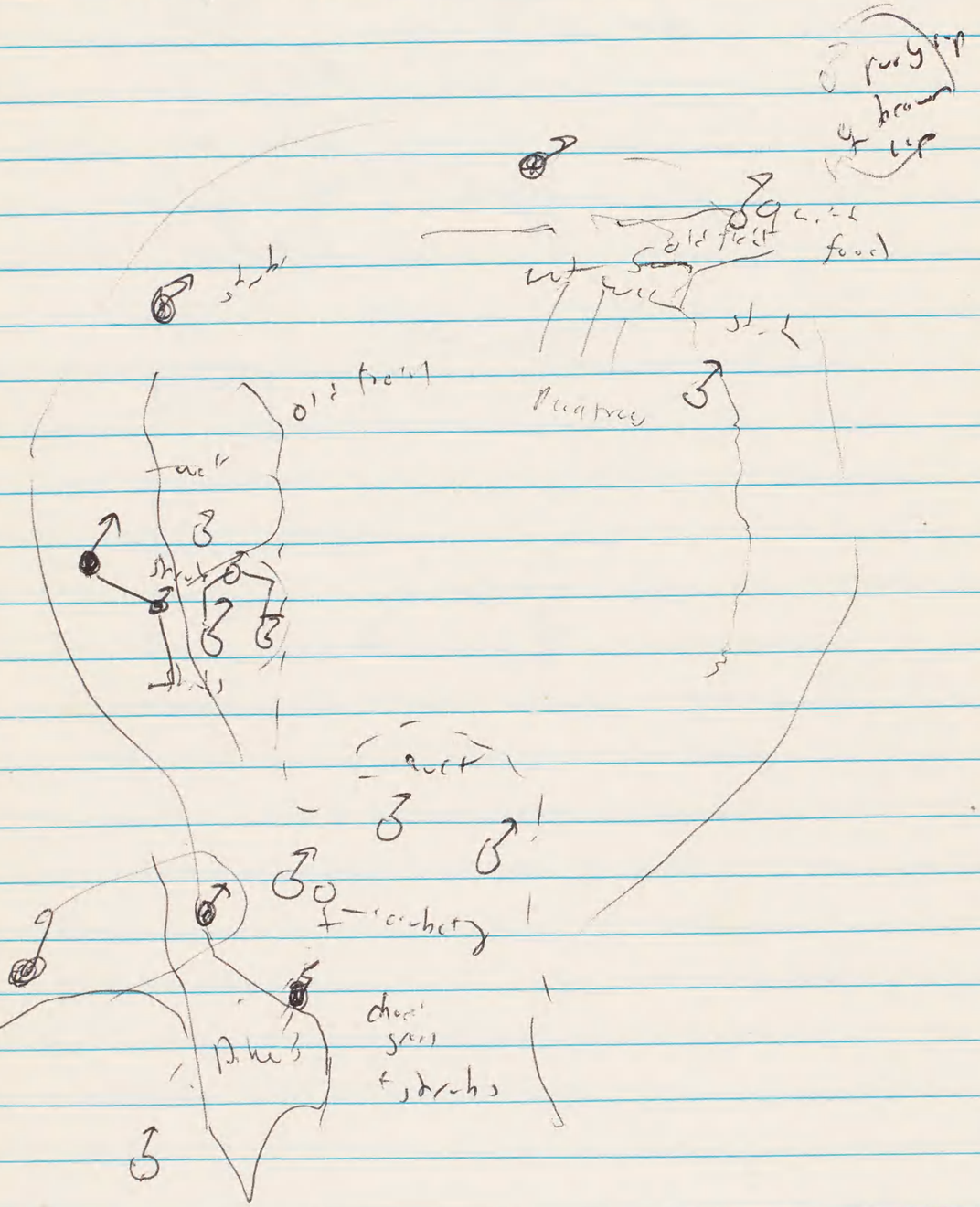
6/18



10 - 1:00

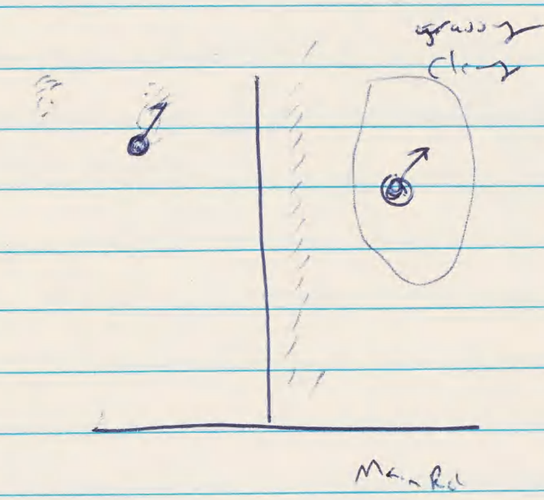


Old Beaver Lake



Swamp
carrying black-white Tip-tied - brown tip
carrying green grub - rusty tip

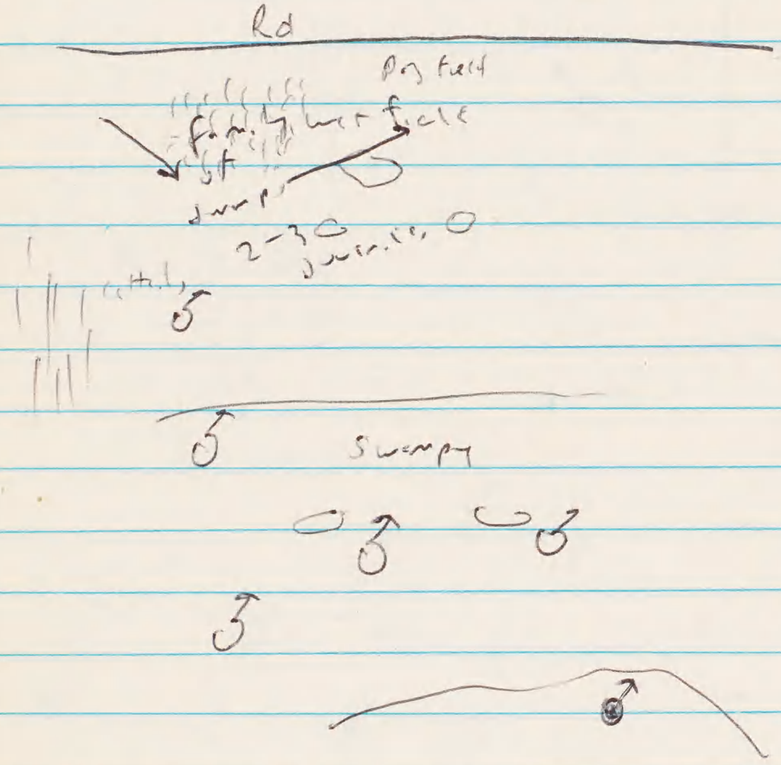
In life continuum



June 18

Looked for Hooded Warbler nests in the morning

Stopped off at Large ~~Marsh~~ swamp creek near Ferry's corner

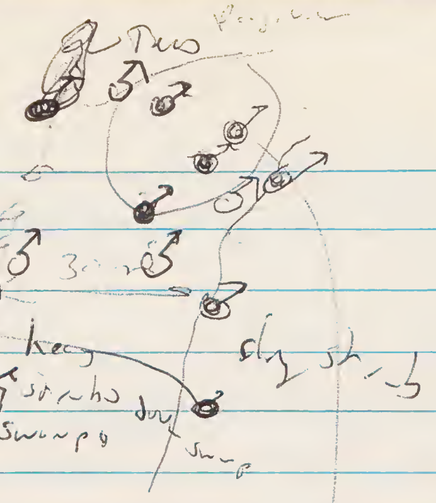


♀ was brown crowned

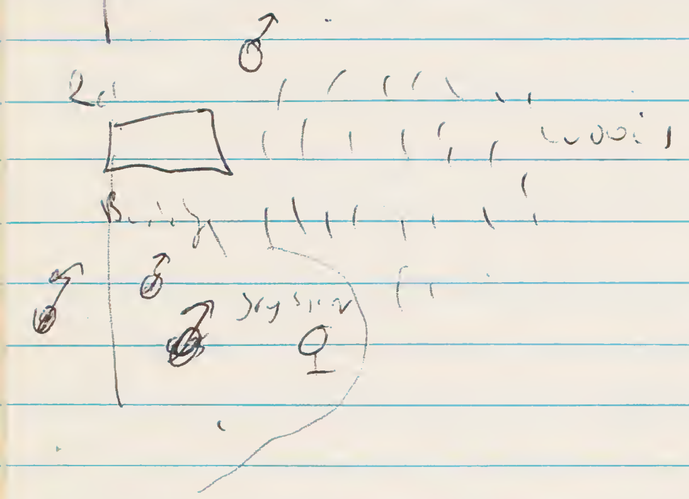
Pr. in Swamp ♂ Red ♀ brown flat
♂ Red ♀ brown

Pr. in second swamp

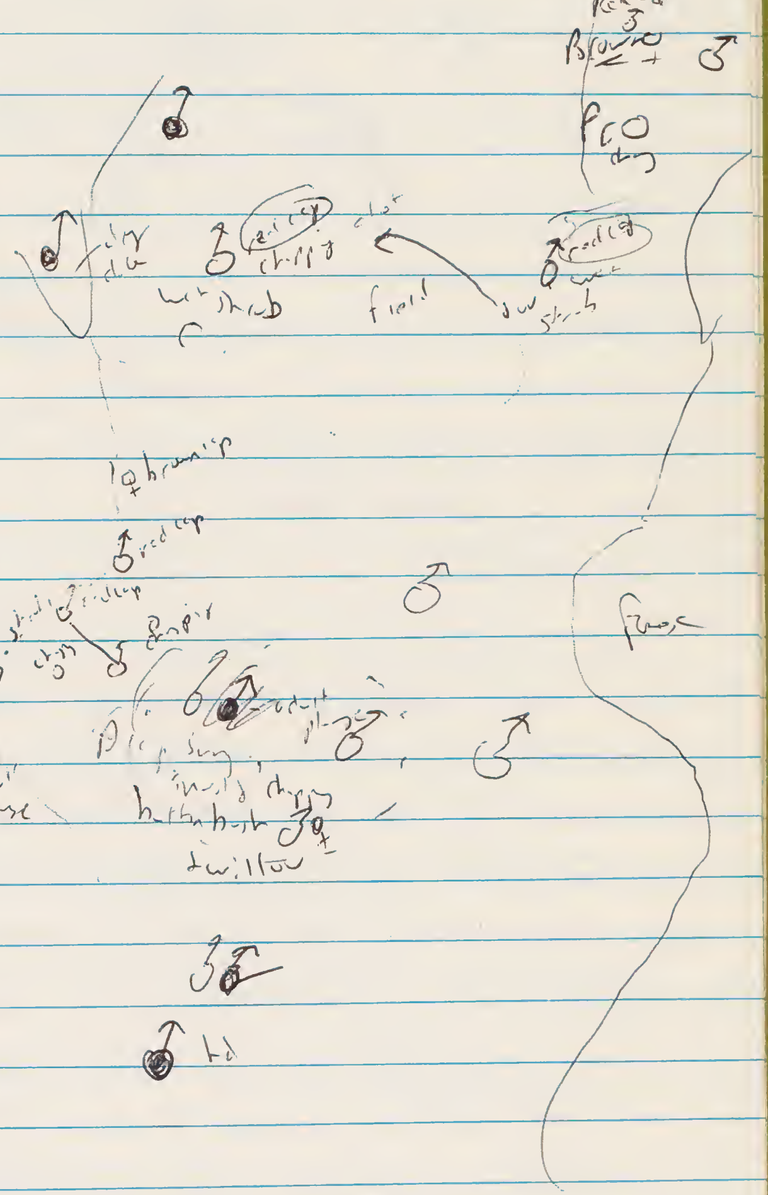
We walked on in field - the soil was similar & no study nests - we found a family group of Swamp Sparrows - fr the nature dept ← we heard several males.



two mature red shouldered male swamps + an immature plumaged bird

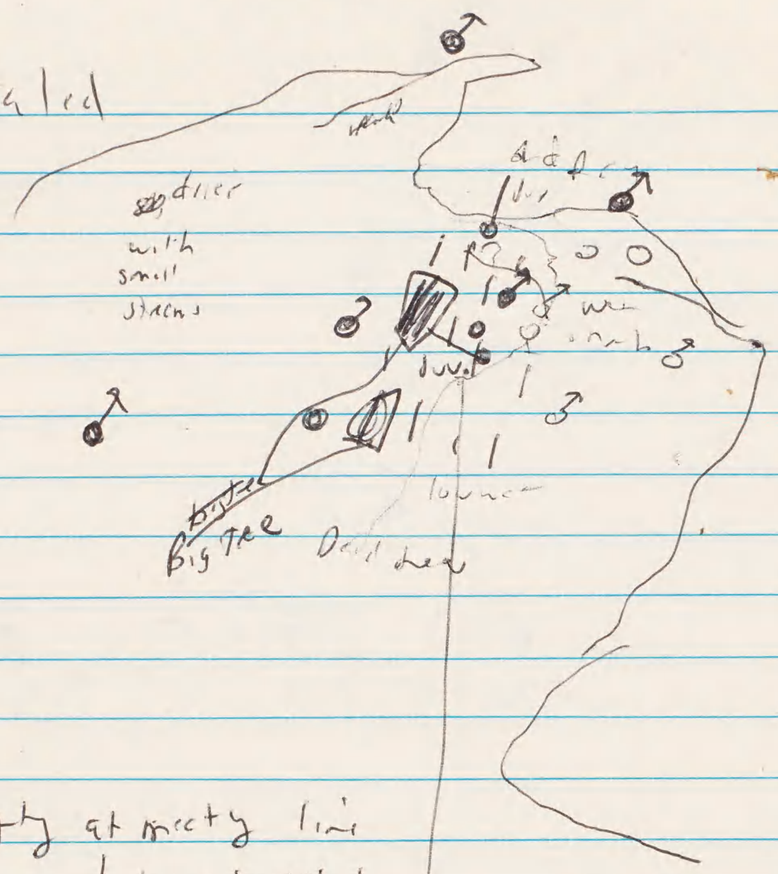


this family is mostly flat with small depressions - it looks like swamp squirrel hunting

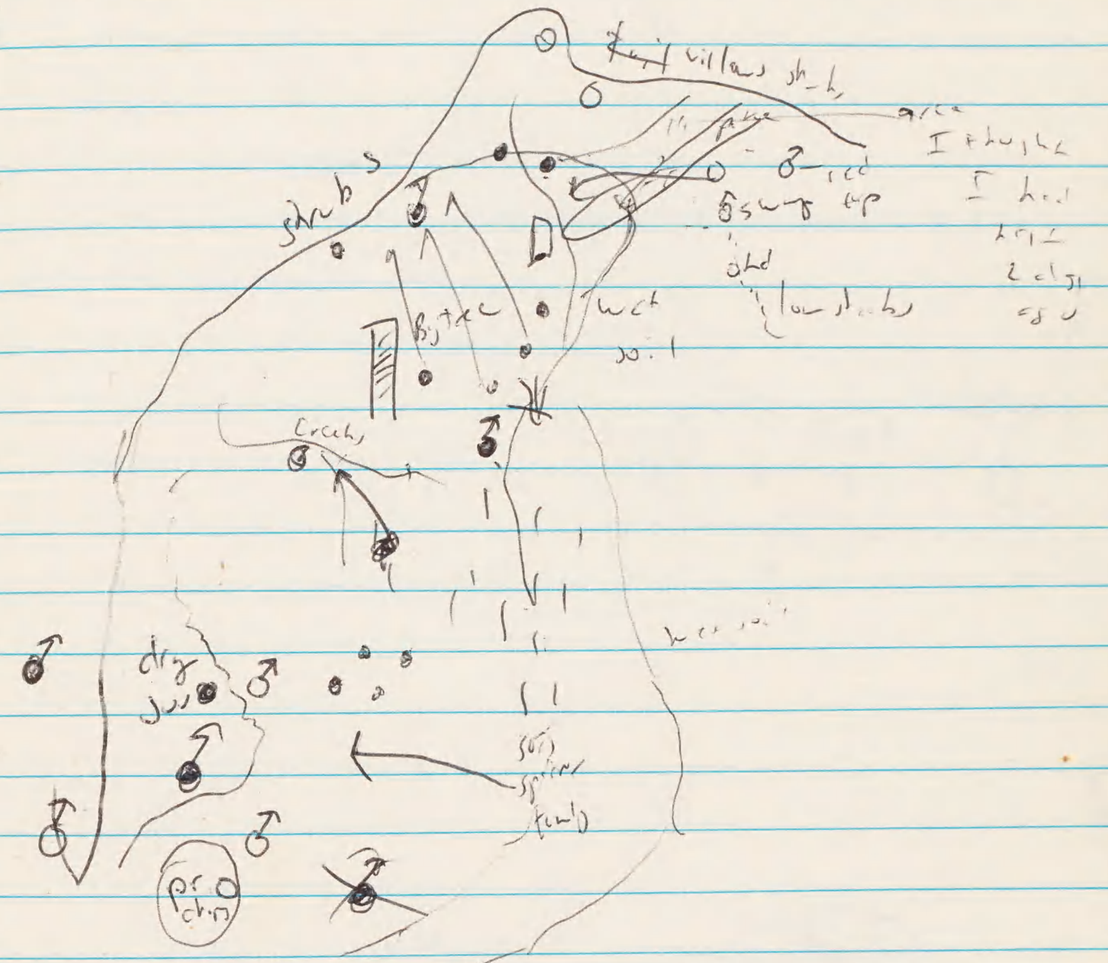


continuation

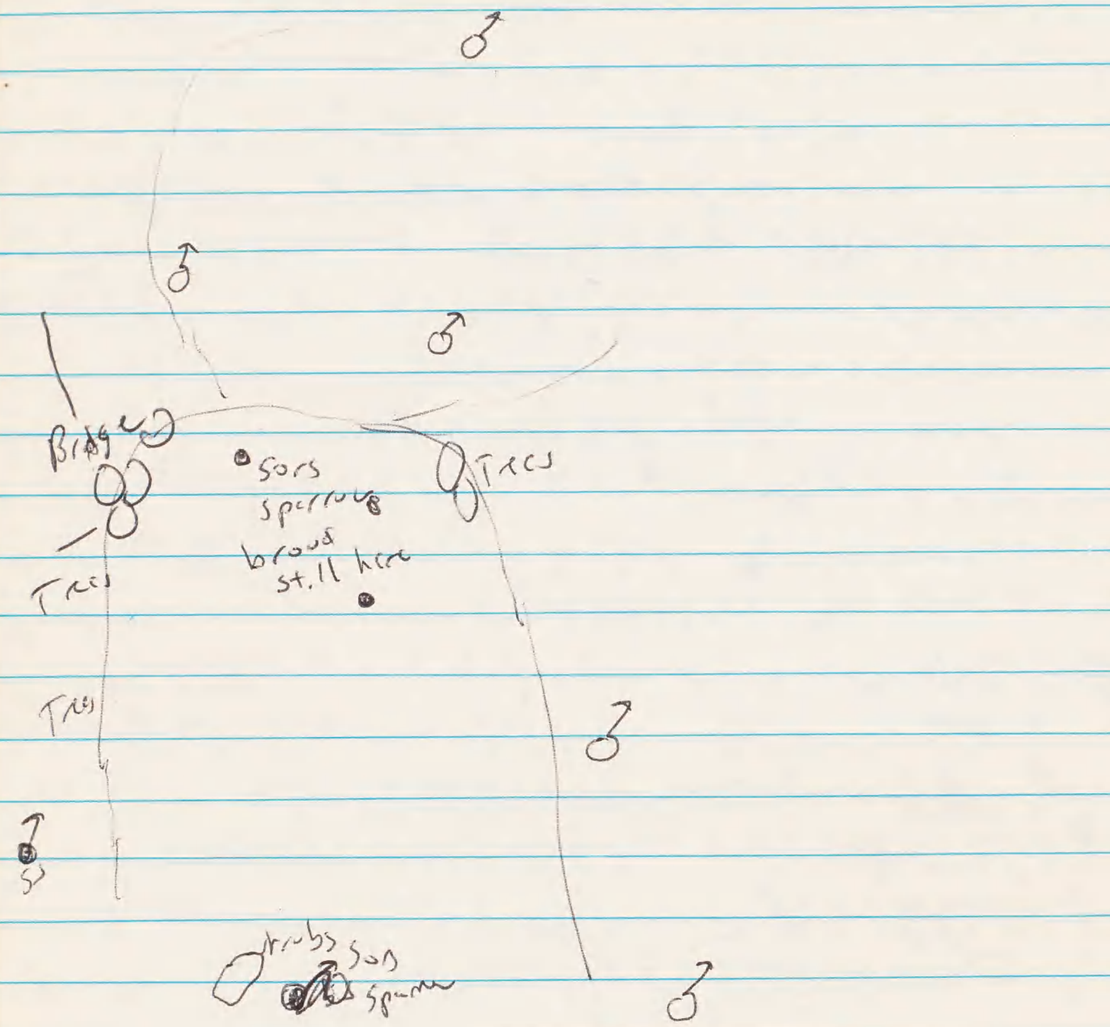
Detailed



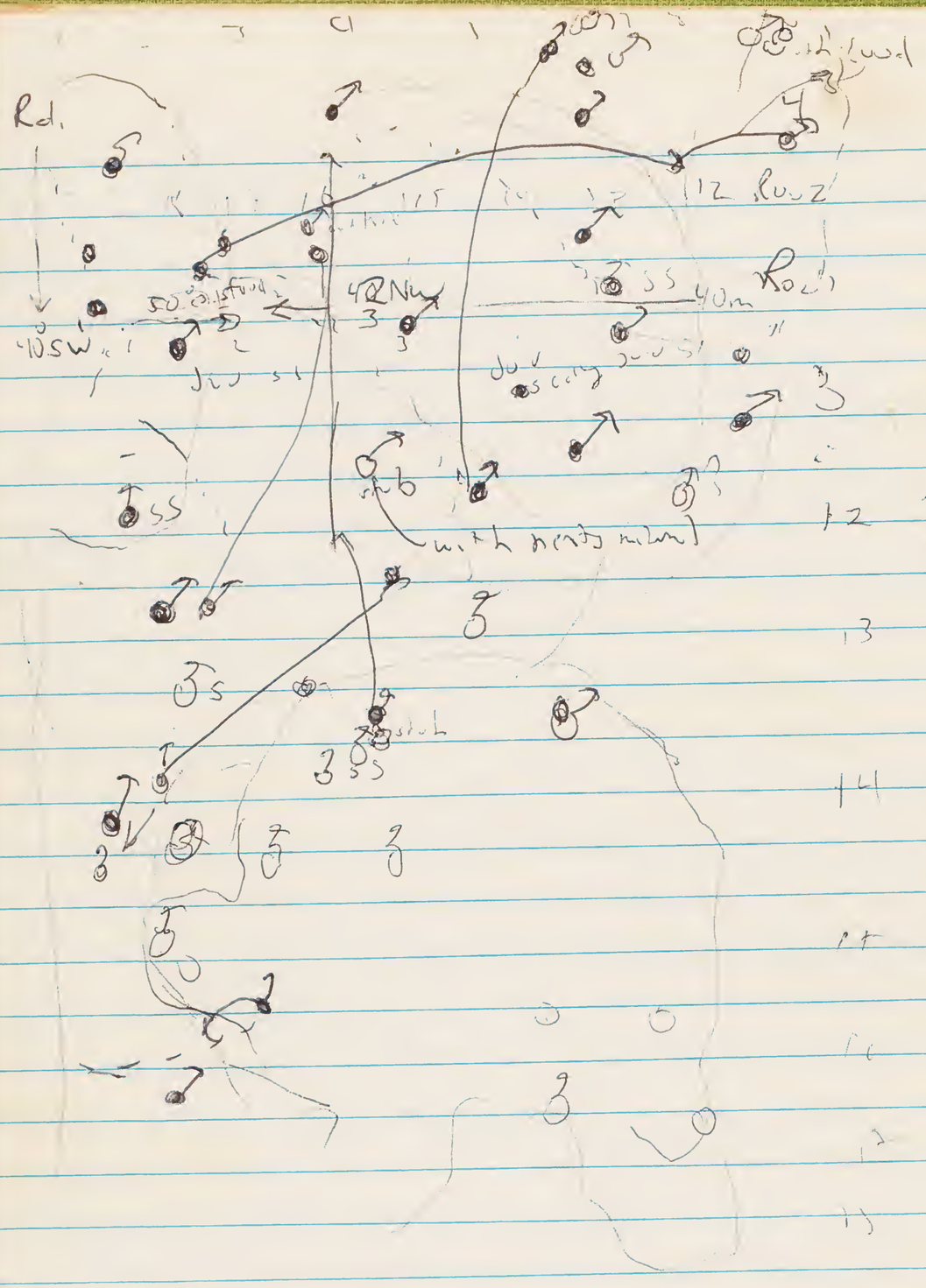
Sitty at meety line
between Sparrows
12°00



there should
be a
very edge
of the
Scrubland.



Swamp Sparrow nest predated — collected the nest
Song Sparrow nest with 4 young still



Line 24

Vegetation Sampling

Transect 2: Sandy Spruce

Row	Veg. Type	shrub # class	Height	water Depth
Forbs 1	Grass	2	1.3m	dry
2	Forb	1	1.5	dry
3	F	1	1.2	dry
4	F	0	1.2	dry
Transition 5	F	0	1.2	D
2 6	R	0	1.2	D
backlawn 7	R+F Grass	0	1.0	D
8	F	0	1.8	D
9	Bryophyte Grass Rock + Forbs	0	1.8	D
10	Bryophyte Forbs	0	1.5	D
11	Grass	Alder trees	0.7	D
Row 12	Forbes	3	2	D
2 13	Grass	0	2	D
14	R+G	0	2	D
15	F	0	1.2	D
16	F	0	2	D
17	R+F	0	1.8	D
18	F	1	1.4	D
	F	3	1.8	D
Transition 19	F	0	1.9	D
20	F	2 Alders	2	D

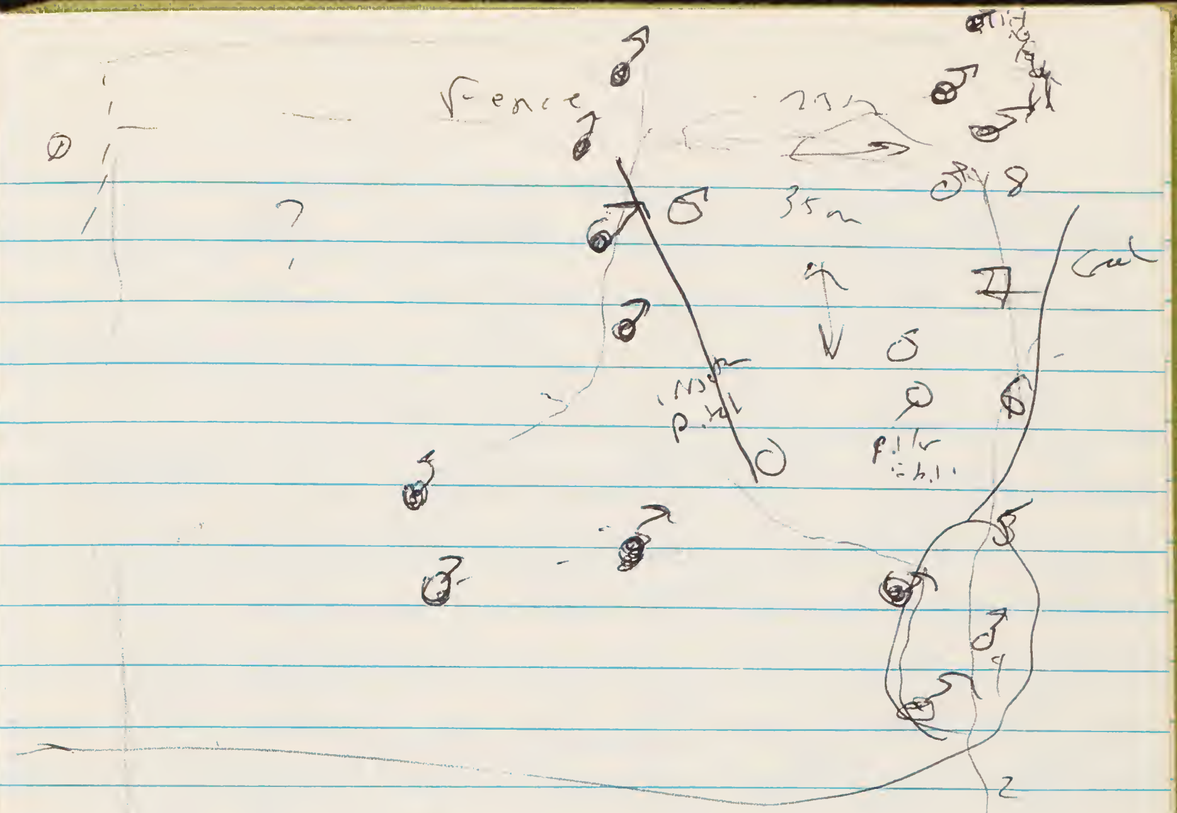
3

sh_b = 1.5 - 2m

Tree →

(X)

	No.	sh_b	Height	
Row 3	31	F	2 V+	P
	32	F	0	0.4 P
	33	F	0	1.7 P
Fell 34		G + B		1.2 D
	35	G + F	1	0.8 D
Fell 36		G	0	1.2 D
	37	F	0	1.7 D
	38	R + F	1	0.9 D
	39	Fallen	6 with vibrum	9 37cm 3" Stump
Behind				
	40	Grass	Tree Alder	0.7 Sapling 5 stems 6
Row 4	41	G + F	0	2m
	42	R + F	0	1m D
	43	F	0	1.2 D
	44	R + F	0	1.0 D
	45	R + F	0	1m D
Fell 46		F	4V	1m D
2	47	F	2V	1.8m P
	48	F	0	1.5 P
	49	—	Blackberry Thicket	2.5 D
Rd				
Row 5	51		Tree → Blackthick	3m D
	52	F	0	1.2 P
	53	F	1 V	1.2 P
Fell 54		Fb	0	1.4 D
	55	R + F	0	1.0 P
	56	R	0	1.2 P



(1)

57	F	0			
58	F	0	1.3		
			1.0		
59	FGR	0	1.5	S	
60	F+6	1BB 1Alder Tree	1m	D	
61	F+6	1Alder tree	1m	S	Slump
62	RF6	1Alder tree	1.4	S	Slump
63	RF6	0	1.2 →		Slump
64	RF6	0	1.2	M	Soggy
65	R+6	0	1m	D	Soggy
66	F	1V	1m	D	Soggy
67	F	0	1.2m	D	Soggy
68	F+R	0	1m	D	Soggy
69	R+R	1Bird	1.2m	D	Soggy
70	F+R	2V	1.5	D	Soggy
71	F	5V	1.—	D	
Rd?					
Row 7 72	Rd F	0	1	D	Soggy
72	F	0	1.2m	D	Soggy
73	R	1V	1m	D	Soggy
74	F+R	0	1.5	D	Soggy
75	F	0	1.0	D	Soggy
76	F	0	0.9	D	Soggy
77	F+R	1 Field V	0.9	D.S	
78	F+6	0	0.5	D	Soggy

Soggy ±3

Overlooked or Ignored

79	F+R	0	1.6	S	Soggy
80	F+R	1V	1.7	S	Soggy
Row 81	F+6	1Willow	1.0	S	Soggy
82	F6+R	2 Alder	0.5	S	Soggy
83	F6	4 Alder bes	0.7	S	Soggy
92	R6F	0	0.7	S	Soggy
93	RF	0	1.1	S	Soggy
94	R+F	0	0.7	S	Soggy
95	SF	1Elder	1.7	D	Soggy
96	F Cattails	0	1.4	D	Soggy
97	G+F	0	0.2	D	Soggy
98	G+6	0	0.4	D	Soggy
99	R+F	0	1.0	S	Soggy
100	RGF	0	1.8	S	Soggy
101 (w, soft)	FR	0	1.4	D	Soggy
102	F	0	1.5	D	Soggy
103	R+F	0 Alders	1.0	D	Soggy
104	F+6	Willow	0.8	D	Soggy
Row 9 Rd					
112	FG	1BB	1.2	D	Soggy
113	F	0	1.2	D	
114	F6R	0	1	D	Soggy
115	F6R	0	1.2	D	Soggy
116	F6R	2V	1.0	D	Soggy
117	FG	0	0.2	D	Soggy
118	F6	0	1m	D	Soggy
119	FR	0	0.5	D	Soggy

120	(with) R-G	O	2m	S	Sing
121	R-G (with)	O	2m	1/2"	
122	Mint-R-G	O	1.5m	1/2"	Sing
123	FR	O	1m	S	Sing
124	RGF	O	1.5m	S	Sing
127	Cross	3 Alders	1m	S	Sing
		by Locust			
126	Cross farm, Mixed	2 Alder	1m	S	Sing
		tree			
Row 10					
127	Grow Row	Willow, Alder, Locust	0.8m	S	Sing
128	G,R,F	O	1m	S	Sing
129	R, G, Mint	1 verbenum	1.2m	S	Sing
130	R, G, Mint	Viburnum	1m	S	Sing
131	Christmas, R, Fabs	O	2m	S	Sing
132	GRF	O	1.5m	S	Sing
133	G	O	0.3	D	Sing
134	F	O	1.2	D	Sing
130	GF	O	0.6	D	Sing
131	F	1V	1m	D	Sing 3
132	F	1BB	0.6	D	Sing 3
138	F+Pine	O	1m	D	Sing
139	F	O	1.8m	D	Sing
Row 11 140	R+Pine	O	1m	D	Sing 3
141	R+Fabs	1V	0.8m	D	Sing 3
142	R+F	O	1m	D	Sing 3
143	G+F	O	0.5m	D	Sing
144	G+F	O	0.2	D	Sing 2
145	G+F	O	0.3	D	Sing 3

146	F	1V	1m	M	Sing
141	Cit/F	1 Willow	2m	S	Sing/Sing
142	RF	O	1m	S	Sing
143	RF	O	1m	S	Sing
144	RF	O	1m	S	Sing
	RFG	O	1m	S	Sing?
Row not complete see Sing sparrow incidence					
Row 12 Rd 147	G+F	O	1m	D	Sing 2
146	F	O	0.8m	D	Sing 2
147	F	2V	1m	D	Sing 2
148	F+R	O	1m	M	Sing 2
149	F	O	1m	M	Sing 2
150	RF	1V	1m	D	Sing 1
151	RGF	O	1m	D	Sing 1
152	FR	O	1m	D	Sing 1
153	F	O	1m	D	Sing 1
154	F willow thicket	3-4	?	D	Sing 1
Row 13 155	Viburnum thicket			D	
3 156	F	O	1.5m	D	Sing 1
157	G	O	0.8	D	Sing 1
158	GF	O	0.8	D	Sing 1
159	GF	O	1m	D	Sing 1
160	FGR	O	1.2	M	Sing 2
161	FGR	1V	0.8	D	Sing 2
162	F	2V	1.8	D	Sing 2
163	FG	O	0.4	D	Sing 2
164	FG	2V	1.2	D	Song 2
Rd					

(4)

Row 14/15	F	1m	IV	D	Sy2
166	f	1.2m	O	D	Sy2
167	f	1.8	O	D	Sy2
168	fGR	1.2m	O	D	Sy2
169	FR	0.8	O	D	Sy2
170	FR	0.5	O	D	Sy1
171	F	0.5	O	D	Sy1
172	RF	0.5	O	D	Sy1
173	F	1.0	O	D	Sy1
174	F	3V	3V	D	Sy1
Row 175	vibrant stubs		O	S	Sy1
176	RF	1.2m	IV	S	Sy1
177	GR	0.3	O	S	Sy1
178	GF	0.3	O	n	Sy2
179	GRF	0.4	O	n	Sy2
180	RF	0.5	O	n	Sy2
181	RF	0.8	O	D	Sy1
182	RG	1.4	O	D	Sy2
183	FR	0.8	IV	D	Sy2
184	F	0.6	O	D	Sy2
185	F	1.0	O	D	Sy2
186	FG	1.2m	IV	D	Sy2
Row 187					
188	F	0.8	IV+?	D	Sy2
	FG	0.4	2V	D	
189	F	1.0	IV	D	Sy2

190	R	0.8	O	S	Sy2
191	RMiata	1.8	O	S	Sy2
192	R-F	0.8	O	S	Sy2
193	R mesh 4/11	1.2	O	S	Sy2
194	R-FG	0.8	O	S	Sy2
195	R-F	1.2	O	S	Sy2
196	FMesh Grass	1.2	O	S	Sy2
197	F	2m	O	M	Sy2
198	Verbena shed				
Row 199	FG	1m	Φ Reed	M	Sy2
200	RF	1.5	O	S	Sy2
201	R	1.5	O	1"	Sy2
202	R	2m	O	2"	Sy2
203	RFnF	1.1m	O	0.5	Sy2
204	RF	1.5	O	0.5	Sy2
205	RF	2m	O	S	Sy2
206	GF	0.8	1 cherry tree	D	Sy2
207	GF	0.5m	IV	D	Sy2
208	F	0.8	2V Hills	D	Sy2
Row 209	Dense verbena, 2 by 2 rd				
210	R	1.8	IV	M	Sy2
211	R-G mesh	0.5	O	S	Sy1/Sy2
212	RF	1m	1 Adir	M	Sy1/Sy2
213	GF	0.3	1 Dead	M	Sy2
214	RF	1.5	O	1"	Sy2
215	FR (4th 1)	2.	O	3"	Sy2
216	RF	1.5	O	3"	Sy2

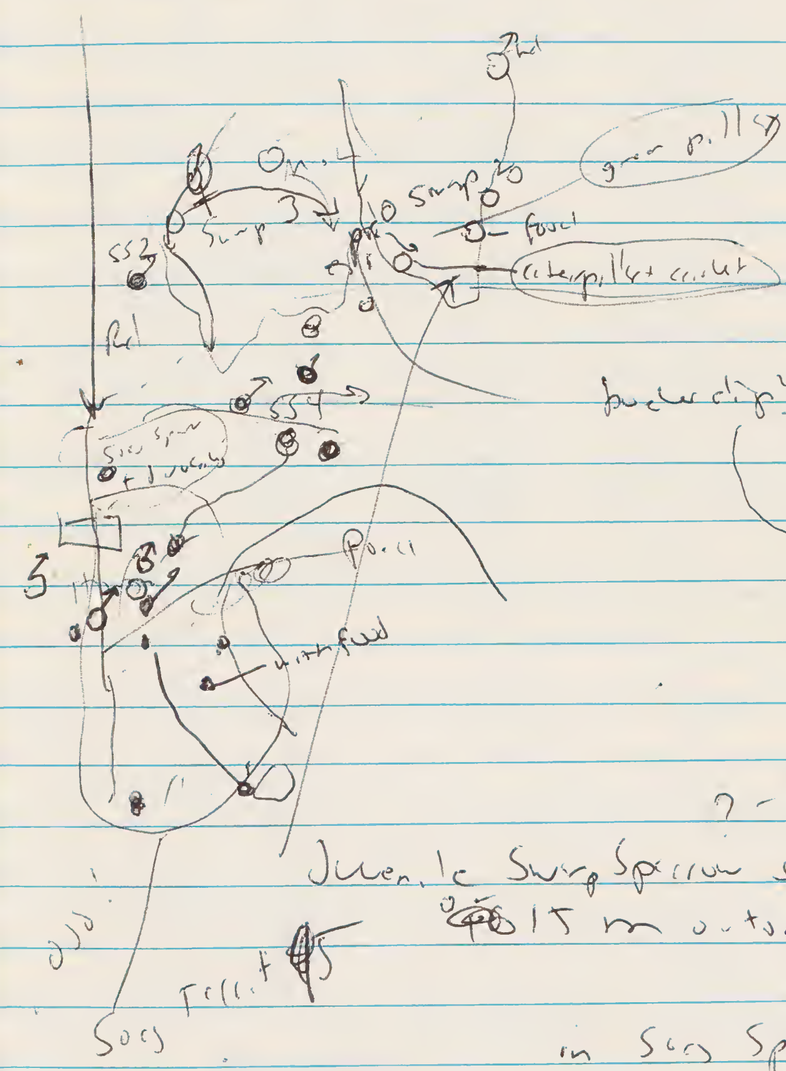
(7)

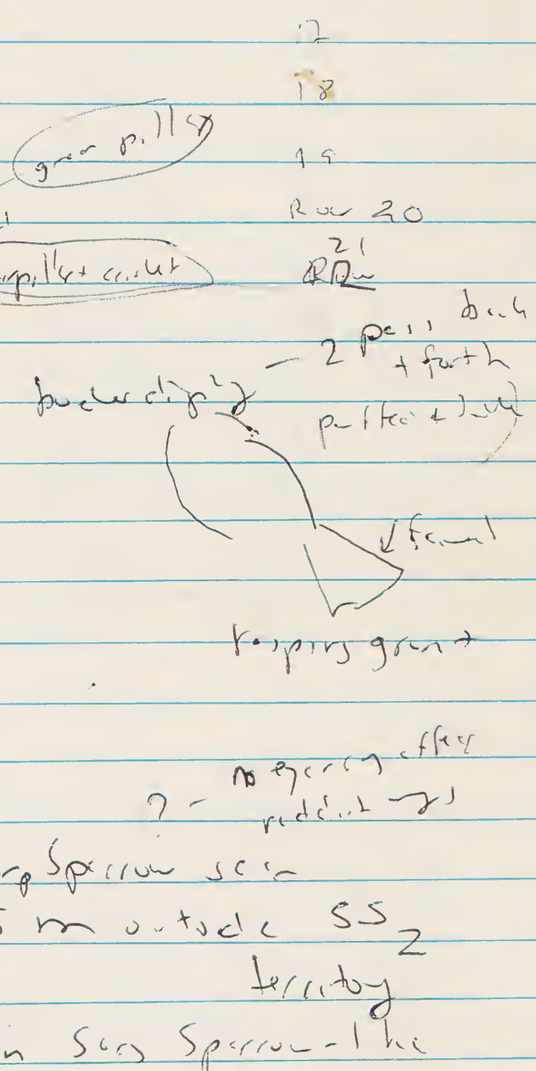
182	R	.2m	O	4"	Swp 2
185	RF	1.2	O	4"	Swp 2
186	RF	0.0	O	S	Swp 2
187	F	2m	2V	[illegible]	Swp 2

Rw 19 — vc hiccup-willowthl

189	FG	1.2	1V	[illegible]m	
190	RF [illegible]	1.5	O	S	Swp 2
191	R	1.2	1R	S	"
192	RF	1.2	1R	1"	"
193	RF	1.2	O	3"	Swp 3
194	R (with) F	2	O	4"	Swp 3
195	R (with)	1.4	O	3"	Swp 3
196	R	2	O	1/2	Swp 3
197	FG	2	O	D	Swp 3
Rw 198	RG	1.6	O	S	Swamp 3
199	R	2	Willow	3"	Swp 3
Rw 20	206	R	2.0	O	S
	209	F	1.8	O	D
	210	F	1.5	O	D
	211	FR	1.8	O	2" pc
	212	FR	0.6	O	4"
	213	F	1.2	2	D
	214	FR	1.8	O	S
	215	R	1.8	O	S
	216	F	1.2	O	D
	217	F	1.8	O	D
	218	F	1.2	3-4	?

Row 20





Row 20
21
RR

? - no agressive effort
ridding self of

Row 2 | 21	F	1.8	Willow	M	Sw p 3
22	F	1.5	Arches	M	Sw p 2
23	F	2.0	Willow	M	Sw p 2
24	G	0.6	Plywood	T	Sw p 2
25	G	1.0	2 willow	3	Sw p 3
26	G	0.6	Plywood	4"	Sw p 3
27	F	0.2	Willow	4"	Sw p 3
28	F	0.6	O	D	Sw p 4
29	F	0.6	O	D	Sw p 4
30	F6	1.8	Willow	D	Sw p 1
31	F6	0.2	O	D	Sw p 1
32	F6	0.2	O	D	Sw p 1
Rd					
Row 3					
33	F6	0.2	O	D	Sw p 1
34	G	0.5	O	D	Sw p 4
35	G	0.6	O	D	Sw p 1
36	G	1.0	O	D	Sw p 1
37	F	1.5	2 elder	D	Sw p 1
38	F	1.0	O	D	Sw p 1
39	RF	1.9	O	S	Sw p 3
40	RF	0.6	Willow	4"	Sw p 3
41	G	0.6	Willow	S	Sw p 3
42	F	0.3	Willow	S	Sw p 3
43	F	1.0	Willow	S	Sw p 3
44	F	1.8	O	M	Sw p 3

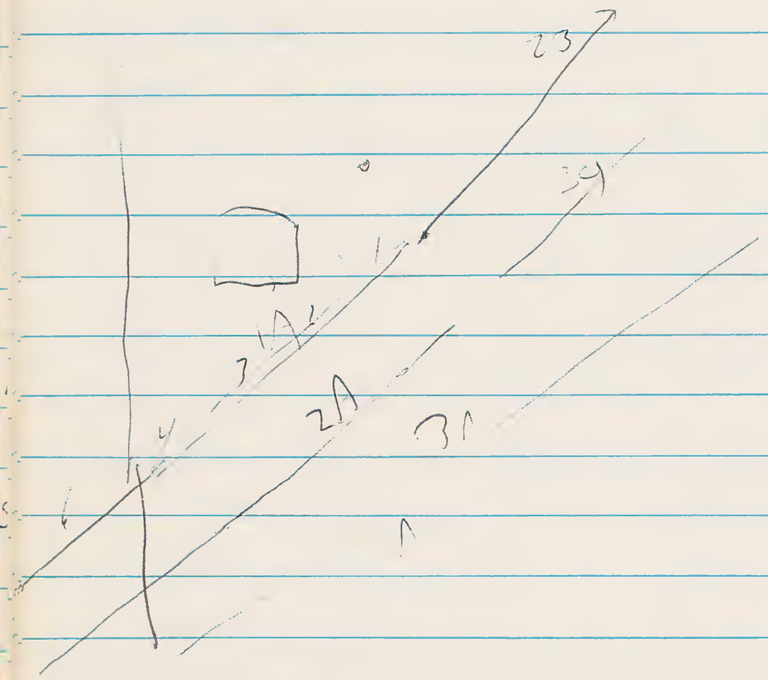
Row 238 RG 1.0 Willow S Swp 2 (Row 3 next)

retake begging of row shirtless

234	GF	1.0	Willow	S	Swp 3
240	G	1.0	V	6	Swp 3
241	F	1.3	Plywood	D	Swp 4
242	GR	0.6	O	D	Swp 4
243	G	0.8	O	D	Swp 4
244	G	0.4	O	D	Swp 4
245	G	0.3	O	D	Swp 4
246	GF	0.3	O	D	Swp 1
24 247	F	1.2	O	D	Swp 1
247	F	0.8	V	D	Swp 1
248	G	0.8	O	D	Swp 1
249	G	0.4	O	D	Swp 4
250	G	0.8	O	D	Swp 4
251	G	0.8	O	D	Swp 1
252	RG	0.3	O	D	Swp 4
253	F	1.4	Trellis	D	Swp 1
254	GF	0.4	O	D	Swp 1
255	GRL	0.5	O	D	Swp 4
256	G	0.2	O	D	Swp 4
257	G	0.6	O	D	Swp 4
258	G	0.3	O	D	Swp 1
259	G	0.3	O	D	Swp 1

Narrows stub at house row 27

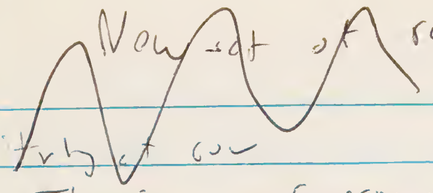
[illegible] towards rd



13	BR	0.8	U	D	Sandy
14	Rf	0.4	U	D	Sandy
15	G	0.2	U	D	Sandy
3A 16	G	0.3	U	D	Sandy
17	RF	0.6	U	D	Sandy
18	RGF	0.3	1 Pg	I	Sandy
19	R	0.5	1 Pg	M	Sandy
20	RF	1.2	U	D	Sandy
21	Mixed(sm)	1.1	U	M	Sandy
22	RGf	0.6	U	D	Sandy
23	Dense	Rgwood + scrub		M	1.1
24				P	

4A 25	Dense thick+				
26	R	1.8	U	D	Sandy
27	Shrubby R	1.2	U	D	Sandy
28	Gf	0.2	U	D	Sandy
29	G	0.9	U	D	Sandy
30	Gf	0.5	U	D	Sandy
31	FR	0.5	U	D	Sandy
32	FG	0.8	U	D	Sandy
33	RF	0.8	U	D	Sandy
34	RF	0.3	U	D	Sandy
35	R	1.1	U	D	Sandy
36	R	2	U	D	Sandy
37	FR	0.6	U	D	Sandy

1A 1	BF	1.8	U	D	Sandy
1A 2	F	1.2	U	D	Sandy
3	FG	0.6	Idyod	D	Sandy
4	FG	1.1	U	D	Sandy
5	G	1.6	3 Eric	D	Sandy + scrub
6	GF	1.2	6 Dogwood	M	Sandy + Sycamore
7		"	"	"	"
8	F	1.3	U	D	Sandy + Sycamore
Main	ext	rd	this	later	
Row 9		1.0	Blackberry tangle	D	Sandy
10	F	1.2	4 Dogwood	D	Sandy
11	GRF	0.2	U	M	Sandy
12	GRF	0.3	1 Dogwood	D	Sandy



Fly at cow
The Sharp Sparrow are only
beyond house
Ward - First I saw
Him on ⊙ in bushes
house - 2nd - I had ♂
on left hand side of
road beyond pond when I hidn't see
any - I think it's the
same ♂ single large area
might it's unsuccessful or lost it's
mate

	38					
SA	nested	F6	0.2	0	D	Sgt
	39	FC	0.2	0	D	Sgt
	Rd					
6A	40	F6	0.5	0	D	Sgt
	41	F6	0.6	1 tree	D	Sgt
	42	Broad Bean Spare	0.5	0	D	Sgt
	43	Stile	0.5	0	D	Sgt
	44	Edge	1.5	0	D	Sgt
	45	G+SB	1.0	0	D	Sgt
	46	SF	0.4	0	D	Sgt
9A	47	SF	0.4	0	D	Sgt
	48	GS	0.6	0	D	Sgt
	50	GS	0.5	0	D	Sgt
	51	Farm	0.3	0	D	Sgt
	52	RF	0.6	0	D	Sgt
	53	RF	0.5	0	D	Sgt

New Field + New Grid system

~~IONE~~ ~~DOE~~ N

~~80 N~~ ~~SOUTH~~ E

Swamp

Tree

Pasture Flower Pot

Road

Trail

Horse

Sor, Sparrow Research
on typical Swamp
Sparrow habitat

(X)

Row 1	F	0.4	1 Dogwood	D	Sor, S?	
2	F	0.6	0	D	Sor	
3	F	1.0	1 Dogwood	D	Sor	6
4	F	1.4	0	D	Sor	6
5	FG	0.6	0	D	Sor	6
6	FRG	1.0	0	D	Sor	0
7	GF	0.6	0	D	Sor	6
8	GR	0.5	0	D	Sor	6
9	G	0.8	0	D	Sor	6
10	R+Fern	1.0	0	D	Sor	6
11	Grass	1.2	2BB	6"	Swamp	
12	Grass	2	~~Grass~~ 0	8"	Swamp	
13	Swamp Grass	1.5	0	8"	Swamp	
14	Swamp Grass	1.5	0	8"	Swamp	
15	Swamp Grass	0.8	1 Dogwood	5	Swamp	Sor
Row 16	Grass	1.5	3 BB	2"	Swamp	
17	Grass	1.0	2 Dog	1"	Swamp	
18	Grass	1.2	1 Dog	3	Swamp	
19	FrG	1.2	1 Dog	3"	Swamp	
20	RG	2.0	0	8"	Swamp	
21	F	0.6	3 Dog	2"	Sor, Swamp	6
22	GF	0.5	0	2"	Sor, Swamp	
23	GS	0.6	0	5	Sor, Swamp	
24	F	0.6	0	D	Sor	
25	FG	1.0	0	D	Sor	6
26	GF	0.5	0	D	Sor	6
27	G	0.7	0	D	Sor	

(X)

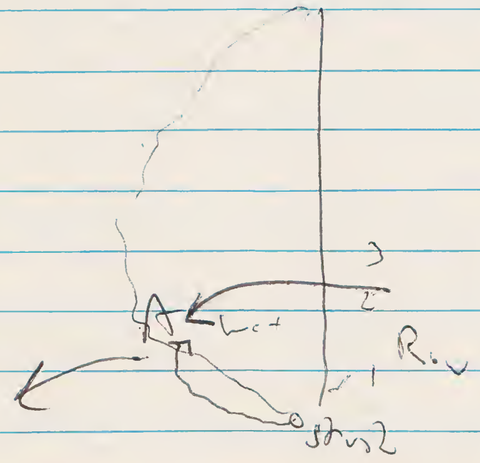
28	F	1m	O	D	Soy C
Row 3 29	GF	0.8	O	D	Soy G
30	F	0.6	O	D	Soy G
31	F	0.6	O	D	Soy G
32	F	0.6	O	D	Soy G
33	F	0.8	O	D	Soy G
34	FG	0.5	O	D	Soy G
35	GR	0.6	O	1"	Soy G Sweep
36	GF	1.0	O	3"	Sweep
37	G	0.6	O	3"	Sweep
38	F Hairs	1.2	2 chews 1 Dying	M	Sweep
39	Sweep	1.8	Twilight	12"	Sweep
40	Sweep	1.5	Twilight	12	Sweep
41	Sweep	1.5	Tree?	12"	Sweep
42	GF	1.2	O	10"	Sweep Soy
Row 1 43	F	1.0	Dying	5"	Sweep
44	Grass	2.0	O	15"	Sweep
45	Grass	0.8	Twilight 2 Dying 1 Alive	2"	Sweep
46	Grass	0.8	Twilight 1 Dying 1 Twilight	2"	Sweep
47	Grass	0.8	1 Dying 1 Twilight	1"	Sweep
48	R	0.4	O	2"	Sweep
49	F	0.4	O	M	Soy G
50	F	1.0	O	D	Soy G
51	F	1.2	1 Dying	D	Soy
52	F	0.8	O	D	Soy C
53	F	0.8	O	D	Soy C
54	F	0.8	O	D	Soy C

Note: My hive to Extend Row 6 + into Night to get Next Sunday

Row 5	55	F	0.8	O	D	Sorry G
	56	GF	0.6	O	D	Soy G
	57	F	0.8	O	D	Soy G
	58	F	0.4	O	D	Soy G
	59	FG	0.8	O	D	Soy G
	60	F	0.6	Dying	D	Sorry G
	61	RG	0.5	O	M	?
	62	RG	0.6	O	$	Sweep
	63	F	0.4	O	3"	Sweep
	64	Fern Bush		3 Dying	6"	Sweep
	65	F	0.6	2 Dying	3"	Sweep
	66	Fern	0.6	1 Dying	10"	Sweep
	67	Grass	0.3	Rose	6"	Sweep
Row 6	68	F	0.4	2 Dying	2"	Sweep Soy
	69	G	2.2	O	12"	Sweep Soy
	70	GRF	1.2	O	8"	?
	71	?	O	O	12"	Sweep Soy
	72	Fern	0.6	1	6"	Sweep
	73	FG	0.8	O	4"	Sweep
	74	FG	0.4	O	3"	Sweep Soy
	75	FG	0.4	O	2"	
	76	F	0.6	O	D	Soy G
	77	F	0.6	O	D	Soy G
	78	F	0.6	O	D	Soy G
	79	FG	0.7	O	D	Soy G

Weird Soy in middle of Sweep

Interesting behavior at Swamp 4 - Jay's territory.



Swamp 5 and is further to print A
if Swamp
Swamp 5 flow to next plus
& Swamp
Some Spam & stacked down
the flow bank

row					
90	f	0.4	0	p	Swamp
91	f	0.7	0	p	Jay
92	f	0.8	0	p	Swamp
93	f	0.6	0	p	Swamp
94	f	0.9	0	p	Swamp
95	6	0.4	0	p	Swamp
96	R	0.4	0	S	Swamp 4
97	R6	0.6	0	3"	Swamp 1
98	6	0.4	0	10"	
99	RF	0.4	0	10"	Swamp 7
100	0	0	1BB	10"	Swamp 4
101	0	0	1BB	12"	Swamp 3
102	6	1.8	0	15"	Swamp 6
103	f6	0.9	2D	15"	Swamp 6
Extra row		0.8	1D	6"	Swamp 6
104	0	0	0	6"	Swamp 6
105	0	0	4BB	6"	Swamp 5
106	Swamp	1.5	1D	6"	Swamp 5
107	Swamp	0.6	1BB	3"	Swamp 5
108	Swamp		4 BB in the mix	10"	Swamp 5
109	0	0	3BB	15"	Swamp 5
110 Row 8	0	0	6BB	8"	Swamp 4
111	0	0	4 BB	3"	Swamp 5
112	0	0	4 BB	10"	Swamp 5
113	0	0	10 BB	15"	Swamp 8
114	0	0	3 BB	4"	Swamp 4

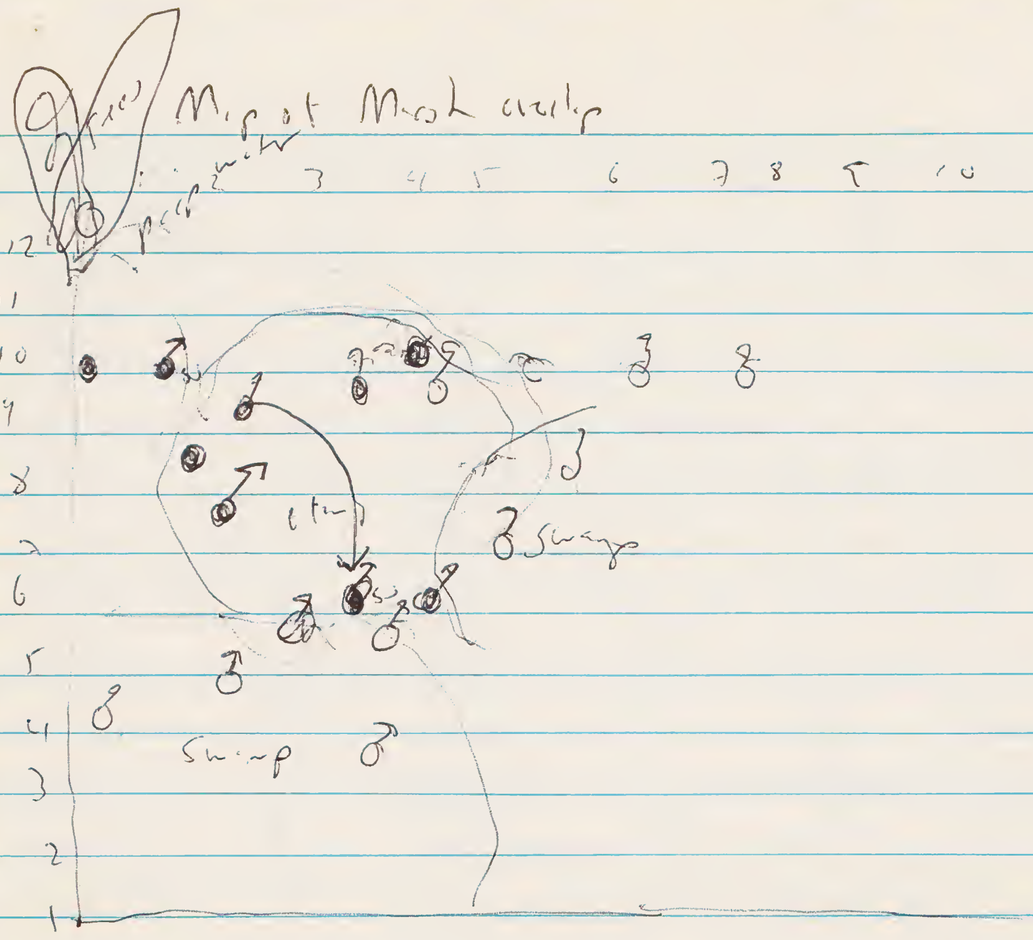
(X)

106	F	0.6	1V	3"	
107	F	0.3	C	4"	
108	F6	0.6	1BB	2"	
109	F	0.6	2BB	3"	
110	C		3 sm	14"	
111	C	C	1 sm	6"	
112	F	0.5	1P	4"	
113	C	C	C	10"	
114	F	0.6	PP	6"	
115	F	0.6	C	1/2"	
116	F	0.6	C		
117	F6	1.0	C		
118	F	0.6	C		
119	F	0.8	C	C	
120	F	0.8	C	C	
121	G	0.4	C	P	

[Rest row not done]

Row 122	F	0.6	C	C	
9 123	G	0.6	C	C	
124	G	0.6	C	C	
125	G	0.6	C	C	
126	G	0.4	C	C	
127	F	0.6	C	C	
128	G	0.6	C	C	
129	F	0.4	1Pg	1"	
130	F	0	1Pg	2"	

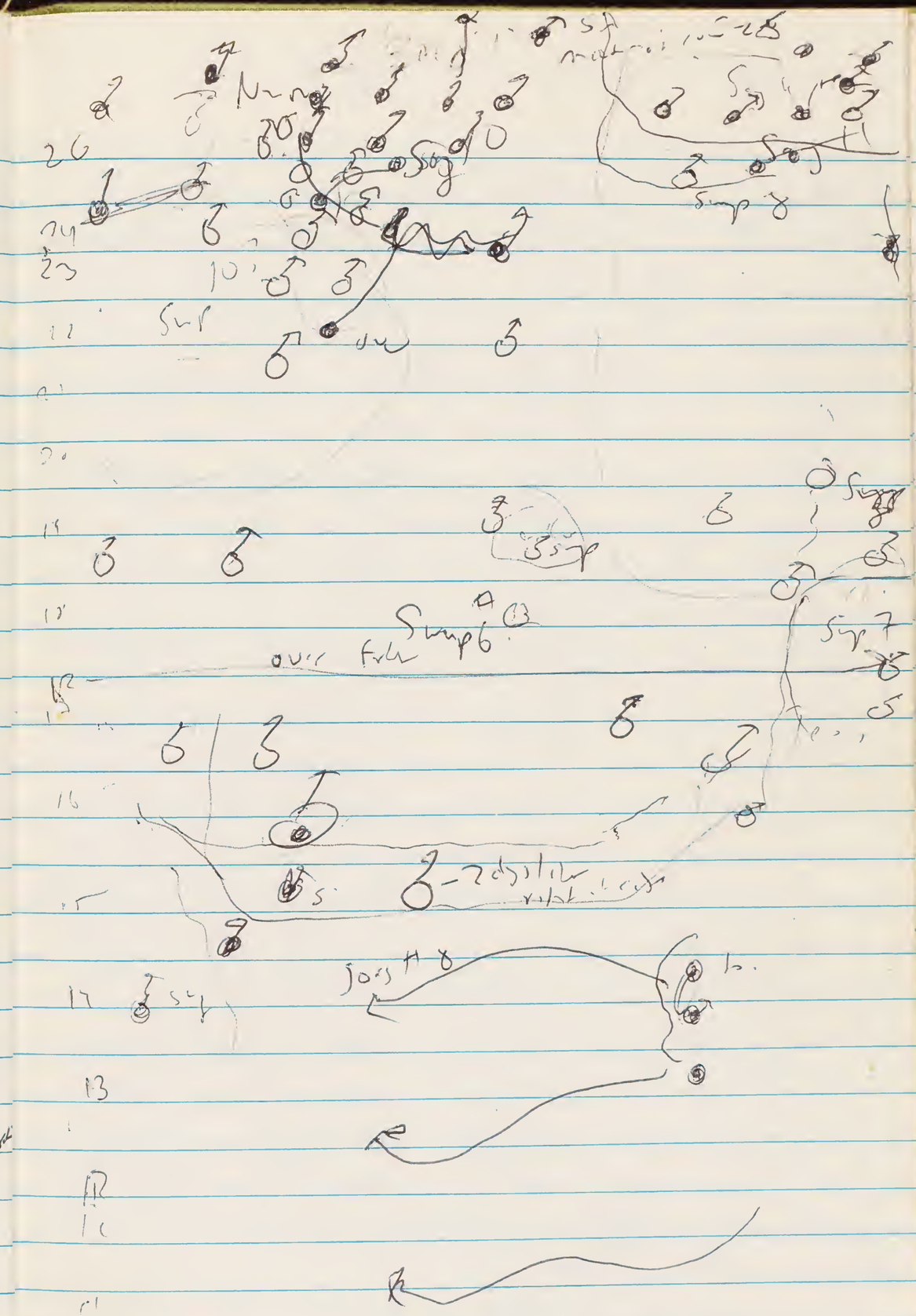
131	G	0.2	C	6"	
132	R	0.4	C	1F	
133	C	G	C	1F"	
134	C	C	2BB	17"	
135	Sm	1.0	5BB	20	
136		0.2	2BB	5"	
137	C	C	6BB	8"	
138	GF	0.2	4	4"	
139	F	0.6	C	4"	
140	F	0.6	C		
141	F	0.5	2BB	6"	
142	G	0.5	2BB sm	8"	
143	C	C	3BB	5"	
144	C	C	5BR	8"	
145	C	C	2BB	6"	
146	C	C	C	8"	
Row 147	C	C	2	2"	
148	C	C	1BB	5"	
149	C	C	3	12"	
150	F	0.4	1BB	8"	
151	R	0.6	1 sm	8"	
152	F	0.8	1BB	15"	
153	C	C	1BB	5"	
154	C	C	4BB	10"	
155	C	C	4BB	15	
156		C	4 FR	20"	
157	Grass	2.2	C	20"	



The structure with 5 or 6 spirons in the swamps is very confusing but the area I thought was one of tests is actually a swamp a large clearing with is shallower (1ft) & mostly this path through the middle the bridge

158	G	0	0	10"	Swamp
159	G	0.2	0	10"	
160	F	0.4	0	S	Swamp
161	F	0.8	S	S	
162	G	0.4	0	D	Swamp
163	G	0.4	0	D	Swamp
164	G	0.4	0	D	Swamp
165	G	0.3	0	D	Swamp
[					
Row 166		Building the nest		D	Swamp
	G	0.4	0	D	Swamp
168	F	0.4	0	D	Swamp
169	F	0.6	0	D	Swamp
170	GF	0.6	0	D	Swamp
171	G	0.1	0	D	Swamp
172		0	BB	D	Swamp
173	F	0.6	0	2"	Swamp
174	G	0.9	0	1"	Swamp
Row 12 175	G	1.5	0	D	Swamp
176	GF	0.5	0	2'	Swamp
177	F	0.6	0	D	Swamp
178	F	0.6	0	D	Swamp
179	F	0.8	0	D	Swamp
180	G	0.4	0	D	Swamp
181	G	0.4	0	D	Swamp
182	G	0.4	0	D	Swamp

183	Bl..Lhg+l.wet					Sog(nc+
13	184	G	0.4	O	D	
	185	G	0.3	O	P	
	186	G	0.3	O	D	
	187	G	0.3	O	P	
	188	P..nthouse	0.4	O	D	
	189	F	0.3	O	P	
	190	F6	0.6	O	P	
	191	F	0.3	O	P	
	192	Bl..hg,	0.6	O	P	
	193	F	0.6	O	M	
	Rising	th.h				
	194	F6	0.6	O	P	
	195	G	0.6	O	P	
	196	G	0.6	O	P	
	197	G	0.4	O	P	
	198	F	0.4	O	P	
	199	F	0.6	O	P	
	200	G	0.5	O	P	
	201	G	0.6	O	P	
	202	G	6.6	O	O	
	203	G	0.6	O	P	
	204	F	0.4	O	P	
	205	G	0.3	O	P	
	206	F	0.3	O	P	
	207	G	0.3	O	P	



208	G	0.4	O	P	Sw 8
209	G	0.4	O	P	Sw 8
210		Blowout ticket			
Row 211					
212	G	0.8	O	1Dg 5"	Swamp 6
213	G	"	"	"	"
214	G	0.4	O	4"	Swamp 6
215	G	0.4	O	3"	"
216	G	0.6	O	1Dg 4"	Swamp 6
217	G	0.6	O	1Dg 6"	Swamp 6
218	G	0.3	O	1/2	Sw 8 Swamp 6
219	G	0.6	O	1/2	Swamp 8
220	G	0.4	O	M	Swamp 6
221	G	0.8	O	M	Swamp 8
222	G	0.6	O	1"	Swamp 6
223	G	0.6	O	3"	Swamp 8
224	G	0.4	O	5"	Swamp 6
225	G	0.4	O	6"	Swamp 6
226	G	0.4	O	6"	Swamp 6
227	G	0.6	O	6"	Swamp 6
230	G	0.6	O	6"	Swamp 6
231	G	0.6	O	6"	Swamp 6
232	Drywall thicker				
Row 233	Drywall new				
234	G	0.6	O	6"	Swamp 6
236	G	0.4	O	6"	Swamp 6
237	Bridge	0.4	O	5"	Swamp 6

should extend row 16

238	G+S	0.2	Pgnd	6"	Swamp 6
239	G(...)	0.2	1Dg	8"	Swamp 6
240	R,2	1.2 m	O	6"	"
241	GS	0.6	O	6"	Swamp 6
242	GS	0.4	1Dg	6"	Swamp 6
243	F	0.6	2Dg	6"	Swamp 6
244	F	0.6	2Dg	2"	Swamp 6
Row 245	F	0.7	2Dg	2"	Swamp 6
246	F	0.8	1Dg	3"	Swamp 6
247	F	1.0	Air tie	5"	Swamp 6
248	G	0.4	O	6"	Swamp 6
249	R	1.0	O	6"	Swamp 6
250	O	O	O	6"	Swamp 6
251	RFan	1.0	O	6"	Swamp 6
252	O	O	O	6"	Swamp 6
253	O	O	O	8"	Swamp 6
extend 254	R	1.0	Dg	8"	Swamp 6
255	FG	0.2	O	6"	Swamp 6
256	Swamp(...)	1m	O	6"	Swamp 7
257	"	"	"	6"	Swamp 7
258	Swamp(...)	1m	O	6"	Swamp 7
259	Swamp(...)	1m	O	6"	Swamp 7
260	Swamp(...)	1m	O	8"	Swamp 7
261	O	O	O	8"	Swamp 7
262	Swamp(...)	1m	O	8"	Swamp 7
263	1"	1m	O	8"	Swamp 7
264	Swamp(...)	1m		10"	Swamp 7

(X)

265	Swp6	0.8m	0	10"	Swp7
266	Swp6	0m	0	10"	Swp7
Row 17 267	Swp6	1m	1Dg	10"	Swp7
~~268~~	Swp6	0	1Dg	10"	Swp7
269	Swp6	1m	0	10"	Swp7
270	Swp6	0	0	10"	Swp7
271	Grass	0.1	0	8"	Swp7
272	0	0	3Dg	12"	Swp7
273	0	0.4	1Dg	12"	Swp7
274	R	1m	0	12"	Swp7
275	Grass	0.2	0	10"	Swp7
276	R6	0.3	0	6"	Swp6
277	Rubes	0.6	0	8"	Swp6
278	Grass	0.3	Dg	6"	Swp6
279	Grass Fern	0.3	0	6"	Swp6
280	R.2	0.9	0	6"	Swp6
281	R.2	1.2	0	6"	Swp6
282	Grass	0.4	0	6"	Swp6
283	Fern	0.8	Dg	3"	Swp6
284	Fern	0.7	2Dg	1"	Swp7
Row 18 285	Grass	0.3	3Dg	1"	Swp6
286	Fern	0.8	1Dg	1"	Swp6
287	Grass	0.4	Twiln	4"	Swp6
288	R.2	1.8	2Dg	6"	Swp6
289	Fern	0.6	2Dg	3"	Swp6
290	R.L	0.3	0	6"	Swp6
291	R6	0.6	1Dg	6"	Swp6

(Y)

Note - Perhaps Swp 6 6 from row 190 a different 6 from 6

Ø

292	F6	1m	0	9"	Swp 6
293	F	0.4	0	5"	Swp 6
294	GR	0.0	0	3"	Swp 7
295	0	0	0	8"	Swp 7
296	0	0	0	14"	Swp 7
297	R	1.2	0	12"	Swp 7
298	R	1.2	0	15"	Swp 7
299	R	2	0	18	Swp 7
300	R	2.2	0	18	Swp 7
301	R	0	0	18	Swp 7
302	R	2.0	0	18	Swp 7
303	0	0	0	10"	Swp 7
304	Swp 6	1m	0	12"	Swp 7
305	Swp	1m	0	12	Swp 7
306	Swp 6	1m	1V	12	Swp 7
Rm 307	Swp 6	1m	willow	12"	Swp 7
" 308	0	0	0	15"	Swp 8
309	0	0	0	15"	Swp 8
310	R	1.8	0	15"	Swp 8
311	R	1.5	0	15	Swp 8
312	R	2	1 willow	15	Swp 8
313	6	0.5	0	15	Swp 9?
314	0	0	0	10"	Swp 9?
315	R	1.2	0	10"	Swp 9
316	0	0	0	8"	Swp 9
317	F	0.2	0	10	Swp 9

maybe 6?

watched 9 Swp
slightly covered on branches near water surface

8 - Dun in grass then up
in to the brush glory leaf bottoms
several times

(X)

319	R	0.4	0	5'	Sup base	
318	Fern Bush	0.5	0	5"	Sup 67	
320	Grass Bush	0.5	0	3	Sup 9?	
321	Grass Bush	0.5	0	6"	Sup 9?	
322	Grass Bush	0.6	0	3"	Sup 9?	
323	0	0	2 Pgrass	6"	Sup 9	
Rev 21 324	Fern	0.5	0	3"	Sup 9	
325	Fern	0.5	0	3"	Sup 8	
326	Fern	0	0	1/2"	Sup fern	
327	0	0	0	8"	Sup 9	
328	Grass	0.8	0	5"	Sup 9	
329	Fern	0.5	~~0~~ 1 Pg	5"	Sup 99	
330	Grass	1.2	1 Pg	3"	Sup 9	
331	0	0	0	5"	Sup 9	
332	0	0	0	8"	Sup 8?	
333	0	0	0	8"	Sup 8	
334	Grass	0.3	0	8"	Sup 8	
335	0	0	0	12"	Sup 8	
336	R	2m	0	15"	Sup 8	
337	R	R	0	15"	Sup 8	
338	0	0	0	15	Sup 8	
339	FR	0.5	2 Pg	7"	Sup 8	
340	0	0	1 Pg	15	Sup 8	
341	0	0.3	0	12"	Sup 8	
342	Sup 8	1m	2 BB	6	Sup 8	
343	Sup 8	1m	0	15	Sup 8	
22	Sup 8	1m	1 BR	0	?	

345	0	0	0	15"	Sup 8
346	Cattail	2m	0	15"	Sup 8
347	0	0	0	15"	Sup 8
348	R	2m	0	15"	Sup 8
349	R	0.3	0	12"	Sup 8
350	R	0.3	0	12"	Sup 8
351	0	0	0	15	Sup 8
352	6	0.2	0	12	Sup 8
353	R6	0.4	0	10"	Sup 8
354	R	0.4	0	8"	Sup 8
355	F6	0	0	4"	Sup 8
356	F	1.8	0	M	~~Sup 8~~ Sup 9
357	F6	0.6	0	3"	Sup 8
358	F6	0	0	4'	Sup 8
359	F	0.6	2 Pg	6"	Sup 8
360	F	1.3	2 Pg	1"	Sup 8?
361	F	0.6	2 Pg	1"	Sup 8
Rev 362	F	0.6	0	1"	Sup 8?
23 363		?	Thick Ground	2"	
364	F	0.8	1 Pg	1"	~~Sup 8~~ Sup 8? ~~Sup 8~~ Sup 8?
365	6	1.2	0	5"	Sup 8?
366	F	0.6	0	5"	Sup 8?
367	F	0.6	0	4"	Sup 8?
368	6	1.2	0	5	Sup 8?
369	F	0.6	1 Pg	3"	Sup 8
370	66	0.3	0	4"	Sup 8

(X)

278	0	0	0	10"	Swp8
278	6	0.3	Dy	~~10~~ 0"	Swp8
279	6	0.3	0	0	Swp8
280	0	0	0	10	Swp8
281	0	0	0	10"	Swp8
282	0	0	0	15"	Swp8
283	0	0	0	15"	Swp8
284	0	0	0	12	Swp8
285	R	2m	0	15"	Swp8
286	0	0	0	12	Swp8
287	F	0.6	0	10"	Swp8
288	F	1.0	0	M	Swp8
284	F	0.6	0	6"	Swp8
290	6	0.6	Dy and	10"	Swp8
291	F	0.3	0	6"	Swp8
292	0	0	0	18"	Swp8
293	6	0	0	6	Swp8
294	6	0	0	3"	Swp8
295	R	0	0	5"	Swp8
296	F	0.6	0	4"	Swp8
297	F	0.4	0	4"	Swp8
298	F	0.6	0	2"	Swp10
299	6	0.6	0	3"	Swp8
300	F	1.0	0	P	Swp10
301	6R	0.4	0	3"	Swp10
302	6R	~~0~~ 0.3	0	5"	Swp10

Water level measurements

? = questionable measurements

Water from Jungle SS

303	6	0.3	0	3"	Swp10
304	F	0.6	0	4"	Swp10
305	F	0.8	0	1/2"	Swp10
306	F	0.6	0	3"	Swp10
307	6R	0.4	0	4"	Swp10
308	F	0.6	0	2"	Swp10
309	F	0.6	0	2"	Swp10
310	F	1.2	0	M	Swp10
311	F	0.6	1Dy	2"	Swp10
312	F	0.8	2Dy	1"	Swp10
313	F	0.7	0	1/2"	Swp8
314	6	0.3	0	D	Swp11
315	F	0.6	0	D	Swp11
316	F	0.3	0	S	Swp11
317	F	0.4	0	1/2"	Swp8
318	F	0.5	0	1/2"	~~Swp8~~ Swp11
319	F	0.5	1Dy	1"	Swp11
320	F	0.4	1Dy	4"	Swp11
321	0	0	1Dy	8"	Swp11
322	F	0.3	0	5"	Swp11
~~323~~	F	1m	0	5"	Swp11
323	F		0	6"	Swp11
324	F	0.3	0	16"	Swp11
325	6	0.3	0	6"	Swp11
326	F	0.2	0	.5"	Swp11
327	F	0.4	0	M	Swp11

(X)

328	F	0.3	O	P	Sog m
329	F	0.4	U	D	Sog.
330	F	0.5	Dy	D	Sorgll
331	F	1m	3 Blurry	D	Sg ll
332	F	0.3	Fuzzy	D	Sog 10
333	F	0.2	Dog	M	Sog/0
334	F	1m	Dy	D	Sog/0
335	F	1m	Dog	M	Sog/0-Swap
336	F	1m	Dog	½	Sog/0
337	F	0.3	Dog	"	Swap/0
338	F	0.8	U	S	Swg/0
339	F	1.0	Dog	D	Swp/0
340	F	0.8	O	D	Swp/0
341	F	0.1	O	D	Sog/0 Swap/0
342	F6	1.4	O	O	Sog/0
343	F	0.6	O	D	Sog/0
344	F	0.6	O	½"	Sog/0
345	F	0.5	O	D	Sog/0
346	F	0.3	O	P	Sog/0
347	F	0.1	O	D	Sog/0
348	F	0.2	O	M	Sog/0
349	F	0.2	O	D	Sog/0
350	F	0.2	O	P	Sog/0
351	F	0.1	O	D	Sog/0
352	F	0.2	O	D	Sog/0

Rec'd 3:30 pm

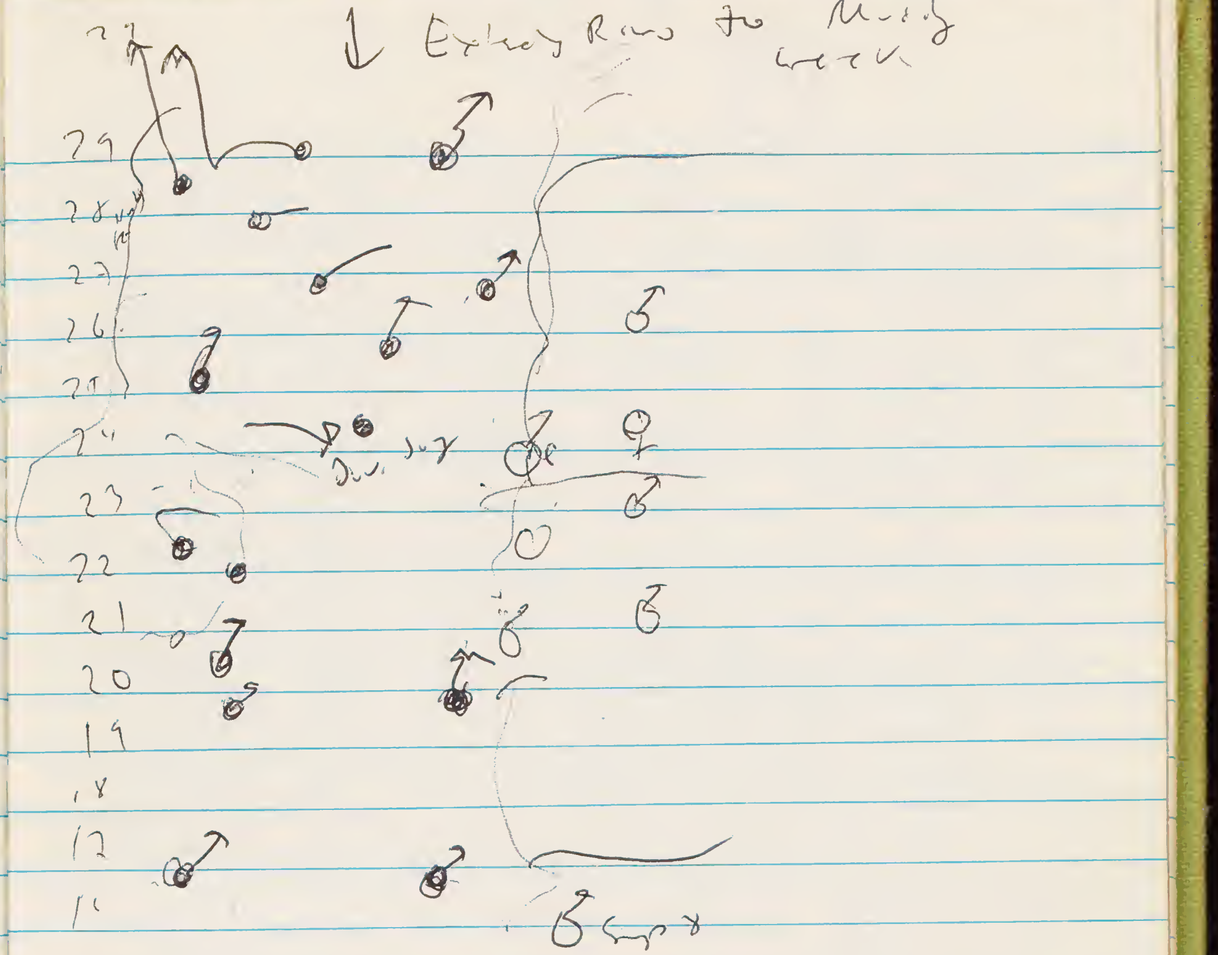
345	F	0.1	O	D	Sog/0
346	F	0.3	O	D	Sog/0
347	F	0.7	O	2"	
348	O	O	O	3"	Sog/10
349	O	O	O	3"	Sog/10
350	OF	0.1	O	2"	Sog/0
351	Rust	0.1	O	D	Sog/0
352	Fuzz	0.2	O	D	Sog/0
353	F	0.3	O	O	Sog/0
354	F	0.6	Dying	D	Sog/0
355	F-Blurry				
356	F	0.2	O	D	Sog/0
357	Blurry	0.6	O	D	Sog/0
358	BF	0.6	O	D	Sog/0
359	BF	0.2	O	D	Sog/0
360	B	0.3	O	D	Sog/0
361	BF	0.6	Dy	D	Sog/0
362	F	0.6	Dy	D	Sog/0
363	F	0.6	Dog	D	Sog/0
364	Rust	0.2	1.0	Dog	D Sog/0
365	F	1.0	Dy	D	Sog/0
366	B	1.0		D	Sog/0
367	B	1.4	B	D	Sog/0
368	Rusted Hi-Hat				
369	F6	1.1	O	O	Sog/0
370	F6	1.2	O	O	Sog/0

(7)

371 F 0.4 Buy D Sing
372 F 0.3 O D Sing
373 F 0.3 O D Sing
374 F 0.5 O D Sing
375 Blinking Hdl
376 GF 0.3 O D Sing
377 F 0.3 O D Sing
378 F 0.7 O D Sing
379 F 0.3 Buy Dsyp Sing
380 F 0.2 O D Sing
381 F 0.2 O D Sing
382 F 0.3 O D Sing
383 Thicket

29 - Started parked row
at Intersty 10
384 F 0.3 O D Sing
385 Blinking Thdl
386 F 0.4 Buy D Sing
387 F 0.1 O D Sing
388 F 0.6 O D Sing
389 F 0.8 O D Sing
390 FG 1.2 Buy D Sing
391 F 1.0 O D Sing
392 F 1.0 O D Sing
393 F 0.8 O D Sing
394 FG 0.8 O D Sing

Extend



28
394 G 0.4 O D Sing
395 GF 0.8 O D Sing
396 F 0.6 O D Sing
397 F 0.6 O D Sing
398 F 0.8 Buy D Sing
12 399 F 0.8 Buy D Sing
400 F 0.6 O D Sing
401 F 0.6 O D Sing
402 F 0.4 O D Sing

(7) hasn't seen much evidence of soil

Row 27 403	6	0.3	O	P	Sy 12
Row 26 404	6	0.6	O	P	Sy 12
405		Pgwood	D		Sy 12
406	F	0.6	O	P	Sy 12
407	F	0.7	O	P	Sy 12
408	F	1.2	O	P	Sy 12
409	F	1.0	O	P	Sy 12
410	FG	1.2	O	P	Sy 12
411	FR	0.6	O	P	Sy 12
412	FGR	0.6	O	P	Sy 12
413	F	0.6	O	P	Sy 12
414	FG	0.6	O	P	Sy 12
420	G	0.6	O	P	Sy 12
421	FG	0.6	O	P	Sy 12
422	F	0.6	O	P	Sy 12
423	F	0.6	O	P	Sy 12
424	F	0.6	O	P	Sy 12
425	F	0.6	O	P	Sy 12
426	F	0.6	O	P	Sy 12
427	F	1.0	O	P	Sy 12
428	F	1.0	O	P	Sy 12
Row 3 429	G	1.0	O	P	Sy 13
430	Pgwood	Herb			
431	F	0.6	O	P	Sy 13
432	G	0.5	O	P	Sy 13
433	F	0.3	O	P	Sy 13

(7)

431	F	0.2	O	P	Sy 13
435	F	0.5	O	P	Sy 13
436	GF	0.4	O	P	Sy 13
437	F	0.4	O	P	Sy 13
438	G	Im	IV	P	Sy 13
439	G	0.81	O	P	Sy 13
440	G	1.5	O	P	Sy 13
441	F	1.2	O	P	Sy 13
442	G	1.0	20%	P	Sy 13
443	F	1.2	O	P	Sy 13
444	F	1.2	O	S	Sw p 10
22 445					1/2" Sy 10
446	F	1.0	O	D	1" Sy 10
447	F	1.0	O	P	Sy 12
449	F	1.2	15%	P	Sy 10
450	F	0.8	O	D	?
451	F	1.2	O	P	Sy 12
457	FG	0.4	O	D	Sy 12
443	FG	0.3	O	P	Sy 13
444	F	0.3	O	P	Sy 13
447	F	0.6	O	P	Sy 13
446	"	"	"	"	"
21	Bl. Herb	Py			
448	F	1.0	O	P	Sy 13
448	GF	0.6	O	P	Sy 13

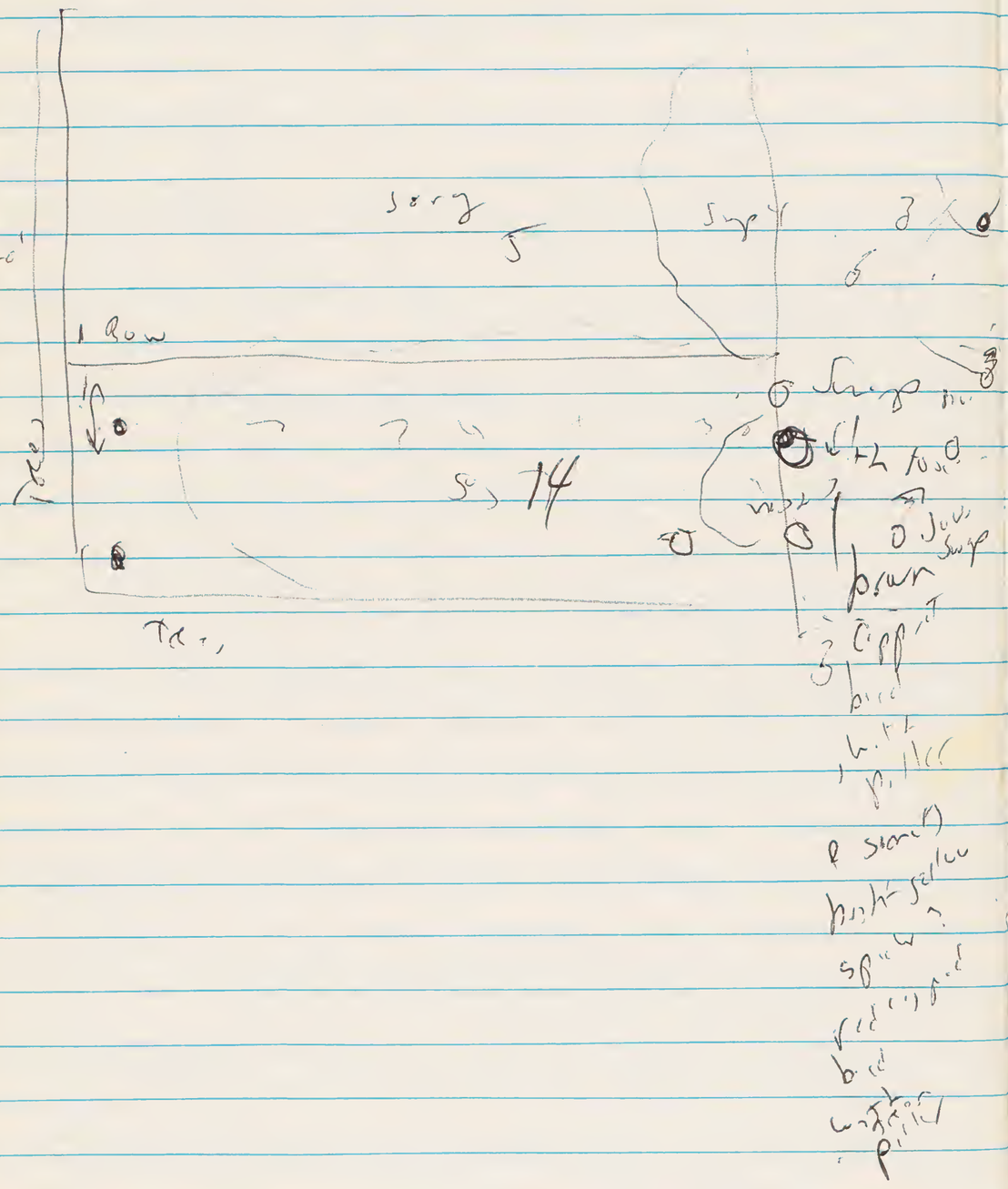
14

(4)

1	497		1,2	0		
1	498		1.5	0		
	499		1,2	2Dy		
	500		1,0	Sy13		
	501		1.2	2Dy		
	502		1.5	2Dy		
	503		1,5	2Dy		
	504		0.8	Dy	1"	
14	505		0.8	2Dy	2"	
	506		0.6	0		
	507		0.8			
	508		1.2			
	509		1,0			
	510		1.0			

35 x 30 = 1000 sq m =

Do the beginning of 2nd field



(X)

1	F	1.0	0	r	Sorg 14
2	F	0.6	0	r	Sorg 14
3	FG	0.6	0	r	Sorg 14
4	RGF	0.0	0	r	Sorg 14
5	FGR	0.8	0	r	Sorg 14
6	RG	0.9	0	r	Sorg 14
7	F	0.8	0	r	Sorg 14
8	F	1.0	0	r	Sorg 14
2	F	0.6	0	r	
10	F	0.8	0	r	Sorg 14
11	F	0.8	0	r	Sorg 14
12	FG	0.4	0	r	Sorg 14
13	FG	0.4	0	r	Sorg 14
14	FG	0.2	0	r	Sorg 14
15	F	1.2	0	r	Sorg 14
16	FG	0.6	0	r	Sorg 14
3 17	F	0.6	0	r	Sorg 14
18	F	0.8	0	r	Sorg 14
19	FG	0.6	0	r	Sorg 14
20	FG	0.7	0	r	Sorg 14
21	FG	0.7	0	r	Sorg 14
22	F	0.6	0	r	Sorg 14
23	F	0.6	0	r	Sorg 14
4 24	F	0.0	0	r	Sorg 14 ?
25	FG	0.5	0	r	Sorg 14 ?
26	FG	0.6	0	r	Sorg 14 ?
27	G	0.3	0	r	Sorg 14

(8)

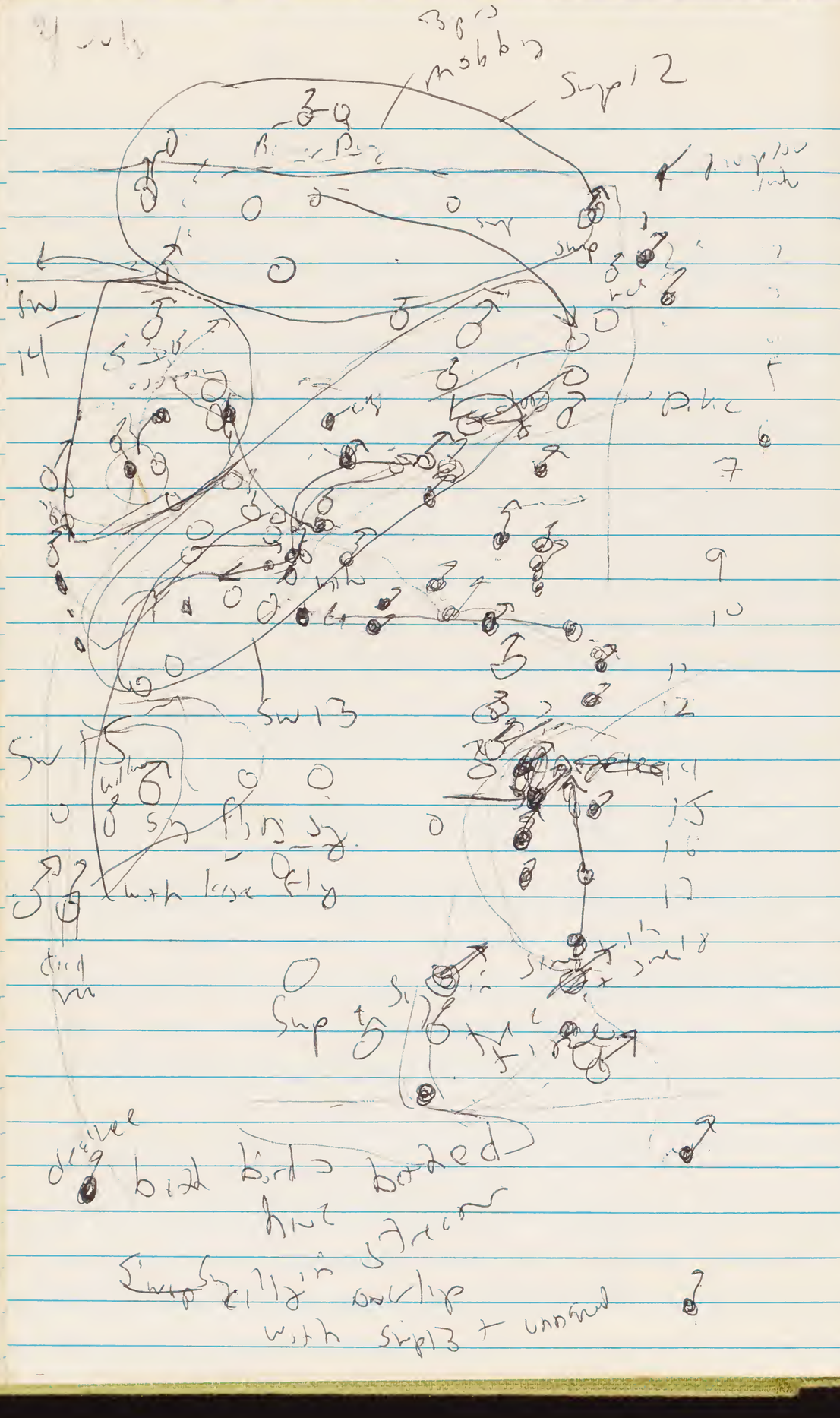
28	GF	0.3	O	P	Sug 17
29	GRF	0.6	O	P	Sug 14
30	GF	0.5	O	P	Sug 14
31	GF	1.5	O	P	Sug 14
32	GFR	0.8	O	P	Sug 14
33	GF	0.6	O	P	Sug 14
34	GFR	0.6	O	P	Sug 14
35	GF	0.6	O	P	Sug 14
36	GFR	0.7	O	P	Sug 14
37	GF	0.6	O	P	Sug 14
38	GFR	0.4	O	P	Sug 14
39	GFR	0.7	O	P	Sug 14?
40	FR	0.6	O	P	Sug 14?
41	GF	0.6	O	P	Sug 14 / Sup 11
42	GFR	0.6	O	P	Sup 11?
43	FG	0.0	O	P	Sup 11 (1)
44	R	0.8	O	P	Sup 11
45	RF	0.8	O	P	?
46	Sup Grass	0.8	O	P	?
47	FR	0.8	O	P	Sug 14?
48	FG	0.7	O	P	Sug 14
49	F	0.6	O	P	Sug 14
50	F6	1.0	O	P	Sug 14
51	F6	0.3	O	P	Sug 11
52	F	0.5	O	P	Sug 14
53	F	0.6	O	P	Sug 14

low

7	53	FR	0.4	O	P	Sug 14?
	54	FR	0.6	O	P	Sug 14
	55	FRG	0.6	O	P	Sug 14
	56	FG	0.6	O	P	Sug 14
	57	FG	0.6	O	P	Sug 11
	58	SupFR	0.6	O	P	Sug 14
	59	Sup G	0.6	O	P	P ?
	60	Sup G	0.6	O	P	?
	61	"	"	"	"	"
	62	"	"	"	"	"

typing Lines Zoom Mode

7	63	Forbes Road	0.6	V	M	Sup 11
	64	Bridge	0.6	O	M	Sup 11
	65		0.6	IV/IPG	M	Sup 11
	66	Sup O	0.8	O	S	Sup 11
	67	F	0.8	2 Pay	M	Sup 11
	68	F	0.7	1 Pay	M	Sup 14
	69	F	0.0	O	M	Sup 14
6	70	Fung F	1.0	O	I"	Sup 11
	71	F/R	0.0	IBB	M	Sup 11
	72	F	1.2	Pay	M	Sup 11
	73	F	1.0	O	S	Sup 11
	74	Sup Grass	1.0	O Pay	S	Sup 11
	75	F	1.2	2 Pay	S	Sup 11
	76	F Grass	1.2	O	S	Sup 11
	77	Fairway F	1.0	IPG Chip	S	Sup 11



(Y)

1	F6	1D y	0.6	3 wks	Sup 12
2	F6R	1D y	0.2	1"	Sup 12
3	F	0	0.3	1"	Sup 12
4	F	1D y	0.5	5	Sup 12
5	F6	BB	0.2	1/2"	Sup 12
6	F	1D y	6.5	1"	Sup 12
7	FR	0	0.3	1/2"	Sup 12
8	R	0	1.2	5	Sup 12
9	R	BB y	1.2	2"	Sup 12
10	R	0	1.0	5	Sup 12
11	R	0	1.0	5	Sup 12
12	R	3BB	1.2	1"	Sup 12
13	F	1D 2BB	0.3	5	Sup 12
14	F	2BB 1D	6.4	1/2"	Sup 12
15	F	2D 1BB	0.3	1/2	Sup 12
16	6	1D 1BB	0.3	1"	Sup
17	F	2BB	0.3	1/2	Sup 12
18	F	D y BBB	0.7	5	Sup 12
19	F	1BB y	0.3	5	Sup 12
20	F	BB	0.2	1/2"	Sup 12
21	F	3BB 1D	0	1/2"	Sup 12
22	S	1BB	1.7	5	Sup 12
23	S	0	1.4	1"	Sup 12
24	S	0	1.4	1"	Sup 12
25	6	1BB	0.6	1/2"	Sup 12
26	6F	1BB	1.0	1"	Sup 12

2	F	0.5	4BB	1/2" Swmp12	60	F6	03	1BB	1"	Swp13
29	G	0.2	5BB	1/2" Swp13	G1	F	0.6	1BB	1/2"	Swp10
29	F	0.3	3BB	5 Swp11	G2	F	1.0	3B	5	Swp13
30	Blchg F	0.3	1BB	5 Swp12	G3	F	1.0	2BB	1/2"	Swp10
31	F	0.2	1BB	1" Swp12	G4	F	0.2	"	"	"
32	F	0.1	1BB	5 Swp12	G5	"	Dominant	"	"	"
34	0	0	1BB	1/2" Swp11	G6	F	0.1	Shift	"	Swp13
40	F6	0.1	2BB	5 Swp12	"	F	0.1	you	"	"
41	F6	0.1	4BB	5 Swp12	"	F	0.2	"	"	"
42	F6	1.3	2BB	5 Swp11	69	F0	0.6	Upon	Shift	Swp13
43	FR	1.2	4BB	1" Swp	70	F6	0.2	Mountain	3"	Swp13
44	F6	0.6	2B	12" Swp11	71	F6	0.2	1BB	1"	Swp10
6 45	FR	0.6	1BB	1" Swp12	72	F6	0.2	1BB	P	Swp16
46	FR	1.0	0	3" Swp12	73	FR	0.6	0	1"	Swp13
47	0	0	1BB	1" Swp12	74	FR	0.4	0	2"	Swp13
48	P	0.2	BB	5 Swp12	75	F	0.3	0	5	Swp16
49	F0	0.6	0	5 Swp12	76	F6	0.3	0	M-	Swp16
50	F	1.0	2BB	5 Swp13	77	F6	0.6	0	"	Swp14
	F	0.6	2BB	1" Swp13	78	F0	0.6	0	5	Swp14
52	0	0	4BB	1" Swp13(?)	79	F6	0.8	0	1/2	Swp14
53	F	0.1	3BB	5 Swp12	80	F6	0.2	0	5	Swp14
54	F	0.2	1BB	P Swp13	Row 81	F	1.4	1BB	5	Swp14
55	F	0.2	-	P Swp13	0 82	F	1.0	BB	1/2"	Swp13
56	F	0.2	4BB	5 Swp13	83	F6	0.3	BB	1/2"	Swp14
57	6	0.5	0	2" Swp13	84	F	0.6	0	5	Swp14
58	6	0.6	0	3" Swp13	85	F	0.6	1BB	5	Swp14
59	F6	0	0	1/2 Swp10	86	F	0.6	-	5	Swamp13

(X)

Row 6	97	O	O	BB	8"	Swamp 14
	98	G	0.3	O	1"	Swamp 14
	99	G	0.4	O	3"	Swamp 14
	90	FG	0.4	O	2"	Swamp 14
	91	FG	0.6	BB	2"	Swamp
	92	S	1.4	BB	2"	Swamp 14
	93	SF	1.5	BB	2"	Swamp 14
	94	Willow thicket				
	95					
Row 5	96	~~Shrubland~~	1.4	Willow	2"	Swamp 14
	97	Slope	1.4	Willow	2"	Swamp 14
	98	RS	1.7	O	S	Swamp 14
	99	G	0.6	BB	2"	Swamp 14
	100	GF	0.5	O	1"	Swamp 14
	101	GF	O	O	2"	14-16
	102	G	0.3	O	1"	14-16
	103	O	O	O	12"	14-16
	104					
Row 4	69	G	O	O	12"	14-16
	69	G	0.3	O	3"	14
	99	G	0.3	O	2"	14
	100	GR	1.0	O	3"	14
	101	GR	0.6	Willow	3"	14
	102	R	1.2	O	3"	Swamp 14
	103	RF	1.2	BB	3"	Swamp 14
	104	R	1.0	BB Willow	3"	14

Row 3	105	R	1.2	2Dog	3" Swamp 14
	106	"	"	"	" "
	107	RF	1.2	BB	3" Swamp 14
	108	RF	0.6	BB	3" Swamp 14
	109	G	0.6	BB	3" Swamp 14
	110	Slope	1.2	BB	12" Swamp 14
	111	R	1.2	O	3" Swamp 14
	112	R	1.2	Willow	2" Swamp 14
	113	R	1.2	Willow	3" Swamp 14
	114	R	1.2	Willow BB	" Swamp 14
Row 2	115	R	1.2	Willow	3" Swamp 14
	(helping carpenter)				
	115	G	1.0	O	S Swamp 13
	116	G	0.3	O	S Swamp 13
	117	GF	0.4	O	S Swamp 13
	118	G	0.3	O	S Swamp 13
	119	F	0.8	O	S Swamp 13
	120	F	0.8	O	S Swamp 13
	121	F	0.8	O	M Swamp 13
	122	F	0.8	BB	S Swamp 13
	123	F	0.6	BB Willow 2Dog	R Swamp 13
	124	F	0.2		S Swamp 13
Row 1	125	Bunkhouse			
	126	BB Willow 2Dog			

(4)

130	F	0.2	3-4	S	Sup 13
131	F	0.2		S	Sup ?
132	F	0.2		S	Sup ?
133				P	Sup/Jump
134	F6	0.2		S	Sup/Jump
135	6	1.0		S	Sup/Jump
136	F6	0.6		P	Sup/Jump
137	F6	0.6		S	Sup 13
138	F6	0.6		S	Sup 13
139	F	0.8		S	Sup 13
140	F6	0.2		S	Sup 13
141	6	0.4		S	Sup 13
142	6R	0.5		S	Sup 13
143	F	1.2		S	Sup 13
144	F6	0.6		S	Sup 13
145	6R	0.3		1/2	Sup 13
146	6	0.3		1/2	Sup 13
147	F6	0.3		1/2	Sup 13
148	F6	0.6		P	Sup 13
149	F	0.3		S	Sup 13
150	F6	0.3	BB	S	Sup 13 Sight
151	← BB →			V	Sup 16
152	← BB →			1"	Sup 16
153	←	BB TL 3"			Sup 16
154	0	BB		1"	Sup 16
155		Sup 16			
156	"	"			Mp Sup 11

Rw 12	157	Sol		BD	1"	Sup 13
	158	Sol-a		BD	1"	Sup 16
	159	Sol-a	—	BB	1"	Sup 16
	160	F6	0.6	0	2"	Sup 13
	161	F6	0.4	0	2"	Sup 13
	162	F	0.6	BB	1"	Sup 13
	163	6	0.5	0	3"	Sup 13
	164	F6	0.4	0	1/2	Sup 13
	165	F6R	0.3	0	1/2	Sup 13
	166	6	0.4	0	1"	Sup 13
	161	6	0.4	0	5	Sup 13
Rw 13	162	6	0.4	0	2"	Sup 13
	163	6R	0.4	0	4"	Sup 13
	164	F	0.4	0	1"	Sup 13
	165	6	0.4	0	1"	Sup 13
	106	F	0.6	0	5	Sup 13
	107	F5	0.4	0	1"	Sup 13
	108	F6	0.6	BB	1/2"	Sup 13
	109	F6	1"	0	1/2	Sup 13
Rw 4	160					
	111					
	112					
	113					
	"					
	"					
	"					
	6					

BB - Correct. Int 1/2" Sup 13

Sup 13

(4)

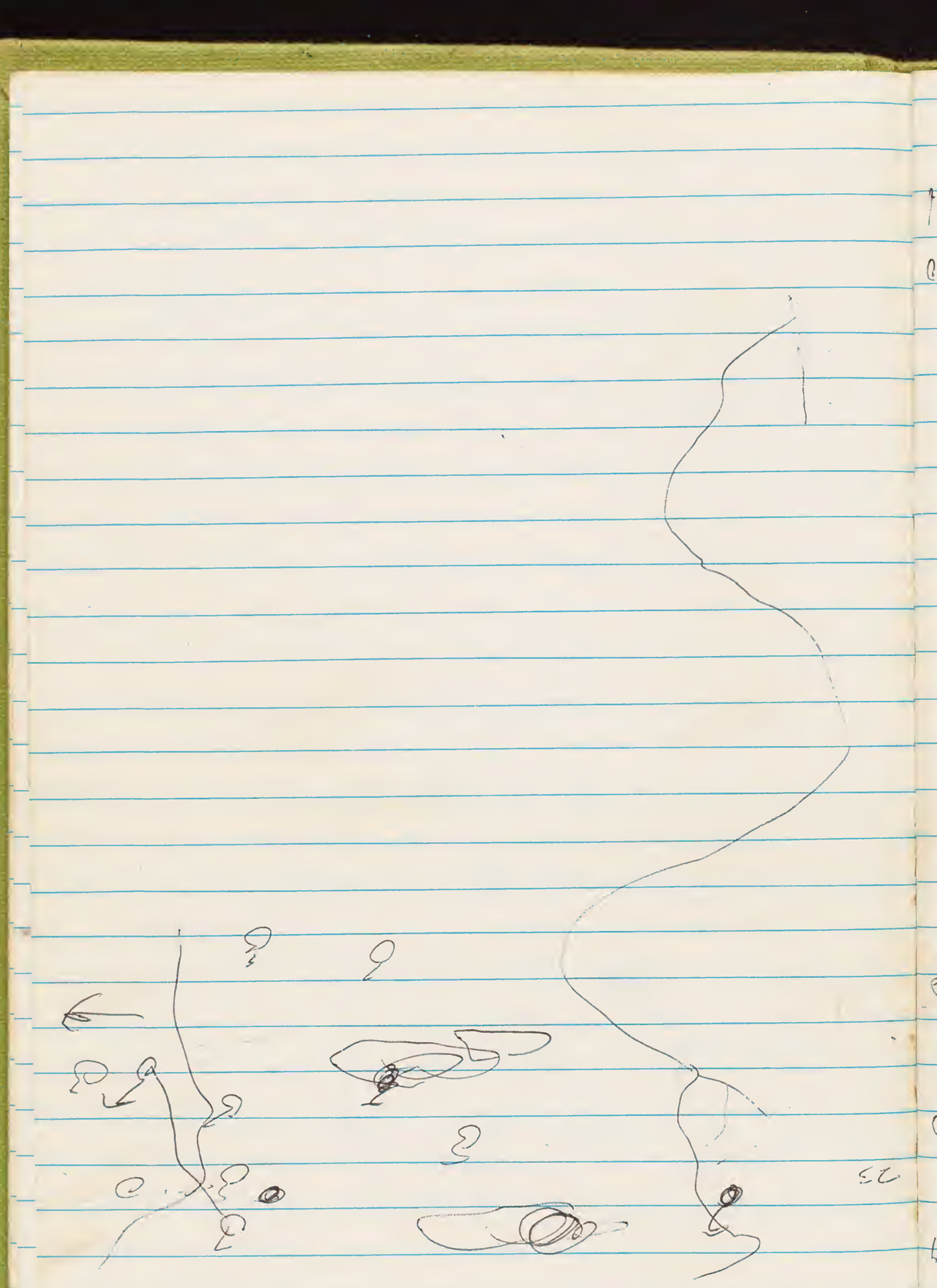
2R SW

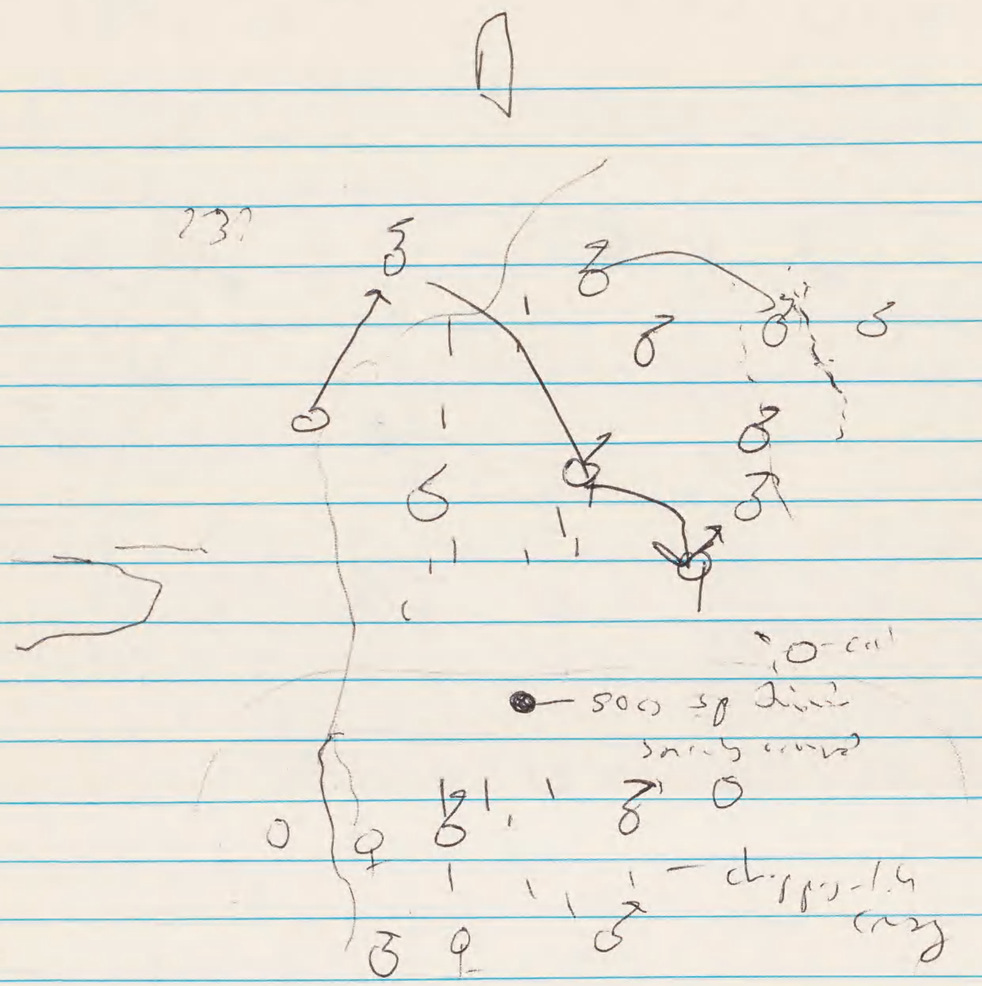
Row 14	114	F6	0.4	1BB	1"	Sup10	143	F	0.6	1BB	D Sup12
	120	F6	0.3	1BB	1"	Sup13	144	F	0.5	1Bg	D Sup14
	121	F6	0.4	U	1"	Sup10		F	0.2	Pgrind thicket	D Sup17
	122	F	0.5	2B	1"	Sup13					
	123	F6	0.4	0	S	Sup13					
	124	FL	0.6	1BB	S	Sup10	145	F	0.9	[illegible]	D Sup14
	125	FL	0.6	U	S	Sup15?		F6	0.3	Pgrind	D Sup12
	126	FL	0.6	0	S	Sup15?		F	1.0	BB	D Sup12
	127	RL	0.4	0	S	Sup17		F	0.6	BB	D Sup14
Row 15	128	F6	0.9	0	S	Sup	146	F	Bg thicket		D Sup12
	129	F6	1.0	0	S	Sup17	147	F	0.8	U	D Sup12
	130	F	0.8	U	S	Sup12	148	F	0.8	U	D Sup11
	131	F	0.6	U	S	Sup	149	F	0.8	U	M Sup15?
	132	F	0.8	0	P	Sup17	150	F	0.7	U	M-S Sup12
	133	F	0.4	0	P	Sup12	Row 15 - changing orientation				
	134	F	0.6	U	P	Sup12	151	F	0.6	D	S Sup10
	135	F	1.0	U	P	Sup12	152	F	0.6	U	S Sup12
	136	F	1.0	2BB	P	Sup12	153	F	0.6	U	D Sup12?
	137	F	1.2	2BB	P	Sup12	154	FL	0.4	U	M Sup12
	138	F	0.6	2BB	P	Sup17	155	F	0.5	U	D Sup10
	139	F	0.6	1BB	D	Sup12	156	F	0.7	U	D Sup12
	140	F	1.0	1BB	D	Sup17	157	F	0.9	U	D Sup17
	141	F	1.0	BBBg	D	Sup17	158	F	1.0	Bg	D Sup
	142	F	1.2	BB thick	D	Sup12	159	F	1.0	U	D Sup12
Row 16 - changing orientation							160	F	0.4	U	D Sup12
		F	0.8	U	D	Sup17	161	F	0.6	U	D Sup12
							162	FL	0.4	U	M Sup12
							163	F	0.5	U	D Sup10
							164	F	0.7	U	M Sup12
							165	F	1.0	Bg	D Sup17
							166	F	0.8	U	D Sup
							167	F	1.0	U	D Sup12
							168	F	0.4	U	D Sup12
							169	F	1.0	2Bg	D Sup
							170				

(+)

119	F	0.9	Dog	P	Sy12
120	F	0.6	O	P	Sy12
121	F	1.0	IBy	P	Sy12
122	F	0.6	O	P	Sy12
123	F	0.3	O	P	Sy12
124	G	0.3	O	M	Sup16
125	G-R	0.5	O	M-S	Sup16
126	G	0.3	O	M	Sup16
127	GF	0.6	O	M	Sup16
128	G	0.0	O	S	Sup16
129	F	0.6	O	M	Sup16
130	F	1.2	O	P	Sy12
131	F	0.8	O	P	Sy12
132	GF	0.6	O	P	Sy12
133	GF	0.8	O	P	Sy12
134	GF	0.0	O	P	Sy12
135	F	0.8	2BB IBy	M	Sy12
136	F	0.8	O	P	Sy12
137		[illegible]			
138					
139	F	1.0	2-3BB	P	
140	F	"	"	P	
141	FG	0.6	O	P	Sy12
142	F	1.0	O	P	Sy12
143	F	0.8	O	P	Sy12
144	F	1.0	2BB	P	Sy12
145	GF	0.0	O	P	Sy12

146	F	0.8	O	P	Sy12
147	G	0.8	IBD	M	Sup16
148	F	0.6	O	M	Sup16
149	F	0.6	O	S	Sup16
150	F	0.8	O	M-S	Sy12
151	G	0.6	O	M-S	Sup16
152	G	0.6	IBD	M	Sup16
153	G	0.6	O	M	Sy17
154	G	0.6	O	M	Sup16
155	G	0.6	IBD	M	Sy12
156	G	0	2BB	M	Sy17
157	F	1.2	2BB	P	Sy12
158	F	0.6	O	M	Sup16
159	FR	0.6	O	P	Sy12
160	FR	0.4	O	P	Sy17
161	F	0.4	O	P	Sy17
162	F	1.0	O	P	Sy12
163	F	1.2	O	P	Sy12
164	F	0.6	O	P	Sy12
165		[illegible]			
166					
167	F	0.6	O	P	Sy12
168	F	0.6	O	P	Sy12
169	F	0.6	O	P	Sy12
170	F	0.4	IBy	M	Sy12
171	F	0.6	IBy	M	Sy12
172	F	0.6	O	P	Sy12
173	G	0.0	O	M	Sy12
174	F	0.6	O	M	Sy17
175	F	0.6	BB	M	Sy17




133
50 sp finch
sparrow
chipping
key
both 15 + 16 have markings
14 17
bird
with moth

	173					
	174	G	0.6	0	S	Sup/6
	175	G	0.6	0	S	Sup/6
	176	G	0.6	0	S	Sup/6
	177	GF	0.6	0	S	Sup/6
	178	G	0.6	0	S	Sup/6
	179	FG	0.6	0	S	Sup/6
	180	FG	0.7	0	S	Sup/6
	181	F	0.6	0	S	Sup/6
	182	FGR	0.6	0	S	Sup/6
22	183	RF	0.6	0	S	Sup/6
	184	RG	0.6	0	S	Sup/6
	185	FR	0.6	0	1/2	Sup/6
	186	GF	0.6	0	S	Sup/6
	187	G	0.6	0	S	Sup/6
	188	G	0.6	0	S	Sup/6
	189	G	0.3	0	S	Sup/6
	190	G	0.5	0	S	Sup/6
	191	G	0.4	0	S?	Sup/6
	192					
	193				S	Sup/6
21	194	GF	0.3	0	S	Sup/6
	195	G	0.3	0	S	Sup/6
	196	GF	0.6	0	S	Sup/6
	197	G	0.6	0	S	Sup/6
	198	FG	0.4	0	S	Sup/6
	199	GF	0.4	0	S	Sup/6

17	200	FG(fem)	0.6	0	S	Sup/6
	201	FG	0.6	BB	S	Sup/6
	202	FGR	0.4	0	S	Sup/6
	203	FR	0.5	BB	S	Sup/6
20	204	F(fem)GR	0.5	BB (4th)	S	Sup/6
	205	F(fem)GR	0.6		S	Sup/6
	206	RF(m)	0.4	0	S	Sup/6
	207	GF	00.8	0	S	Sup/6
	208	FG	03	0	S	Sup/6
	209	F	0.6	0	S	Sup/6
	210	F	0.7	BB	S	Sup/6
	211	FG	0.3	0	S	Sup/6
	212					
19	213					
	214	G	0.3	BB	S	Sup/6
	215	FG	0.4	0	S	Sup/6
	216	G	0.2	0	S	Sup/6
	217	G	0.3	~~10~~	S	Sup/6
	218	FG	0.5	0	S	Sup/6
	219	GF	0.3	0	S	Sup/6
	220	F(fem)R	0.4	0	1/2	Sup/6
	221	FR	0.4	0	S	Sup/6
	222	FR	0.6	0	S	Sup/6
	223	FR	0.8	0	S	Sup/6
18	224	Fem FG	0.4	0	S	Sup/6
	225					

= 1160 pts dim s.f.

(1)

221	FG	0.8	O		50	Sup/5
223A	FGR	0.4	O		5	Sup/5
224	GF	0.1	O		5	Sup/5
225	FR	0.4	O		5	Sup/5
226	SF	0.3	O		5	Sup/5
227	FGR	0.4	O		5	Sup/5
228	FS	0.4	O		5	Sup/5
229	F	0.9	O		5	Sup/5
230	F	1.0	O		5	Sup/5
231	GBack	0.7	O		5	Sup/5
232	Grey-F	0.4	O		5	Sup/5
233	GR	0.4	O		5	Sup/5
234	Carey=GF	0.4	O		5	Sup/5
235	Carey-F	0.4	O		5	Sup/5
236	Carey F	0.4	O		5	Sup/5
237	FCarey	0.5	O		5	Sup/5
238	Carey F	0.6	O		5	Sup/5
239	Carey Grey F	0.5	O		5	Sup/5
240	FR-Grey	0.4	BB		5	Sup/5
241	GKrey F	0.1	BB		5	Sup/5
242	Sidge-	0.3	O		5	Sup/5
	"	"				
Rw/6 243	F6	0.8	BB		5	Sup/5
244	Sidl-F	1.0	Wil.		5	Sup/5
245	Carey F	0.4	BB		5	Sup/5
246	Carey	0.1	BB		5	Sup/5
247	Fbrass Sidl	0.1	BB		5	Sup/5

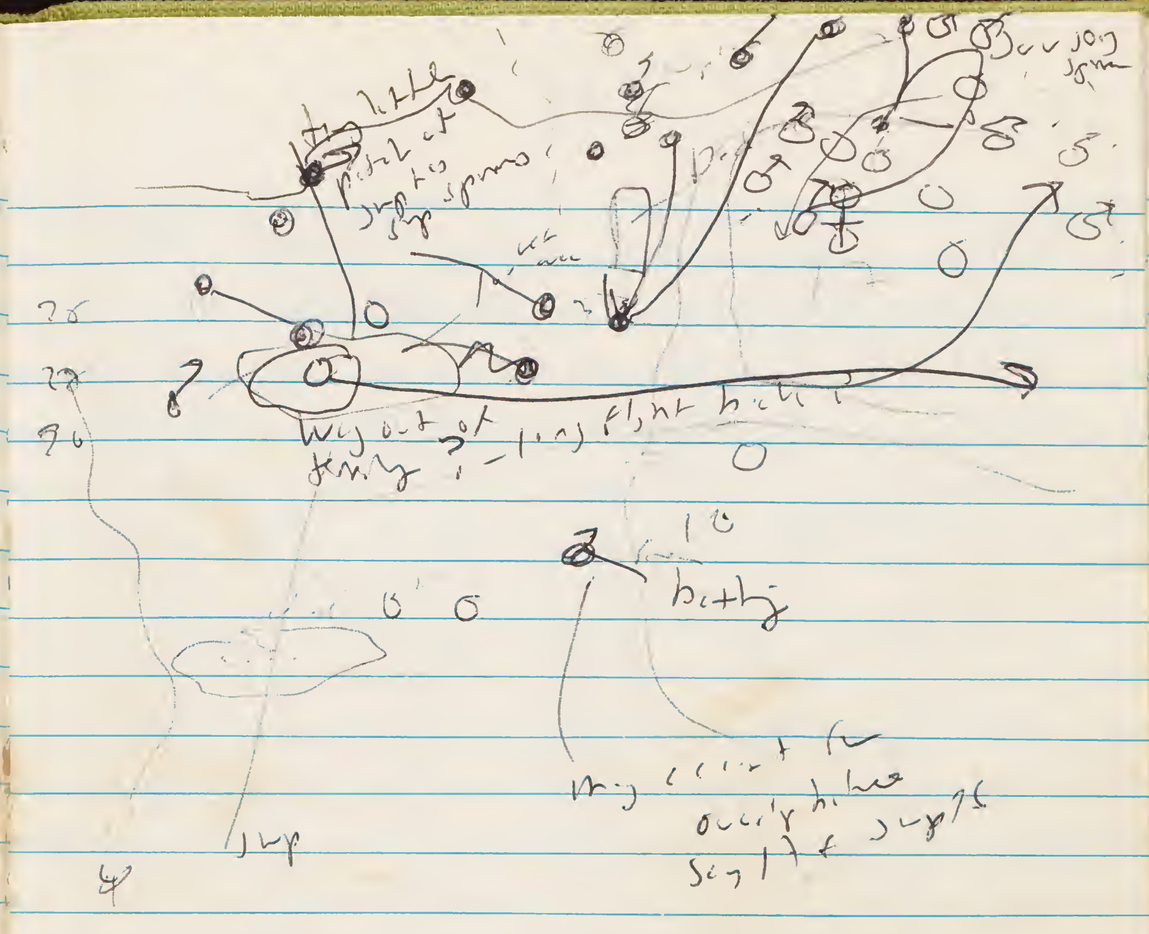
248	F S Grey	0.4	O	5	Sup/5
249	FR	0.4	BB	1/2	Sup/5
250	R	0.8	BB	1"	Sup/5
251	Carey-Fubbi	0.6	BB	5	Sup/5
252	Carey F	0.4	BB	8"	Sup/5
253	Carey F	0.4	O	1"	Sup/5
254	Carey	0.4	O	1"	Sup/5
255	Carey	0.5	O	1"	Sup/5
256	F Carey	0.4	O	5	Sup/5
257	"	"	"	"	"
258	Grey	0.4	O	5	Sup/5
259	Carey	0.4	O	5	Sup/5
260	F-Carey	0.5	O	1/2"	Sup/5
261	Fbrass-Carey	0.5	2BB	1/2	Sup/5
262	Carey	0.5	2BB	1/2	Sup/5
263	Carey	0.5	O	1/2"	Sup/5
264	F-Carey	0.5	O	1"	Sup/5
265	F Carey	0.4	O	1"	Sup/5
266	Carey-F	0.5	2BB	1"	Sup/5
267	R-F	0.6	1BB	1"	Sup/5
268	R-F	0.5	1Boy	1"	Sup/5
269	Carey-F	0.5	1BB	1"	Sup/5
270	Carey-F	0.5	1BB	2"	Sup/5
271	Carey-F	0.6	O	3"	Sup/5
272	G-F	0.4	O	1"	Sup/5
273	F	0.6	2BB	3"	Sup/5
274	Carey F	0.5	2BB	5	Sup/5

	294	P	U	O	1"	Sup+		305	f-[illegible]	0.2	O	S	Sup+
	295	[illegible]	O	O	1/2"	Sup+	12	306	f-[illegible]	0.8	O	2"	S
	296	[illegible]	O	O	1/2"	Sup+		306	[illegible]	0.8	O	1/2"	Sup+
	297	[illegible]	0.4	U	S	Sup+		307	[illegible]	0.6	O	1"	Sup+
	298	[illegible]	"	"	"	"		308	[illegible]	0.6	BN	1/2"	Sup+
	299	[illegible]	0.2	U	S	Sup+		309	[illegible]	0.6	U	1/2"	S
	300	[illegible]	0.4	O	1/2"	Sup+		310	f-[illegible]	1.2	BN	S	Sup+
	301	[illegible]	0.6	O	1/2	Sup+		311	[illegible]	0.1	BD	2"	Sup+
	302	[illegible]	0.8	BBB	1/2	Sup+		312	"	"	[illegible]	"	"
	303	f-[illegible]	0.6	[illegible]	1"	Sup+	11	313	[illegible]	0.6	ZBN	2"	Sup+
	304	[illegible]	0.4	[illegible]	2"	Sup+		314	[illegible]	0.4	[illegible]	2"	S
	305	[illegible]	0.8	[illegible]	2"	Sup+		315	[illegible]	0.4	O	3"	Sup+
	306	[illegible]	0.8	[illegible]	2"	Sup+		316	[illegible]	0.5	O	1/2"	Sup+
	307	[illegible]	0.8	[illegible]	2"	Sup+		317	[illegible]	0.6	O	S	Sup+
	308	[illegible]	0.6	O	1"	Sup+		318	[illegible]	0.6	O	S	Sup+
B	309	R-F	0.8	O	1"	Sup+		319	[illegible]	0.6	O	S	Sup+
	310	[illegible]	0.8	[illegible]	1"	Sup+		320	[illegible]	0.4	O	S	Sup+
	311	[illegible]	0.4	BD	3"	Sup+	10	321	[illegible]	0.4	O	S	Sup+
	312	[illegible]	0.6	[illegible]	3"	Sup+		"	[illegible]	0.4	O	S	Sup+
	313	"	0.6	BB	3"	Sup+		322	[illegible]	0.4	O	S	1/4
	314	"-F	0.4	BB	3"	Sup+		323	[illegible]	0.3	O	"	Sup+
	315	[illegible]	0.6	BB	1"	Sup+		324	[illegible]	0.6	ZBD	S	Sup+
	316	[illegible]	0.6	O	1"	Sup+		325	F	1.2	BD	3"	Sup+
	317	[illegible]	0.6	O	1/2	Sup+		326	[illegible]	0.4	O	3"	Sup+
	318	F-[illegible]	0.4	O	1/2	Sup+		327	[illegible]	0.4	O	S	Sup+
	319	[illegible]-[illegible]	0.6	O	S	Sup+		328	[illegible]-F	0.4	O	1/2	Sup+
	320	[illegible]-[illegible]	0.7	O	S	Sup+		329	[illegible]	0.3	ZBD	2"	(4)
								330	[illegible]	0.6	IB	1"	[illegible]

(2)

(X)

382	Grey-F	0	D	Sand	
383	Grey-T	0	D	Sand	
384	Grey-R	0	D	Sand	
385	Rush	1.0	D	Sand	
386	Grass	0.8	D	Sand	
387	G	0.8	D	?	
388	FG	0.8	S	Sand	
389	Carpet	0.4	U	S	Sand
390	Grey-FLOAT	0	1/2"	Sand	
391	F	0.5	U	S	Sand
392	F-G	0.4	U	1/2	Sand
393	F-C	0.4	U	1/2	Sand
394	F	0.8	U	S	Sand
395	F-R	0.4	U	2"	Sand
396	F-R	0.6	U	1/2"	Sand
397	F-R	0.9	Dark	2"	Sand
398	Sand	0.0	Air BB	1/2"	Sand
399	R	1.0	Low BB	S	Sand
400	F-R	1.0	Mid BB	S	Sand
401	Grass	2.5	(Air BB	S	Sand
402	(Air	2.8	(Air BB	2"	Sand



403					
404					
405					
406					
407					
408					
409	F-R	1.5	Low BB	1/2"	"
410	Rush	1.0	Mid BB	S	Sand
411	F	1.0	Low BB	S	Sand
412	R	0.8	Mid BB	S	Sand
413	R	1.2	Low BB	S	Sand
414	R	1.2	Low BB	S	"
415	FR	0.2	Dark	1/2"	"

(X)

526	R4	0.8	O	S	Sing12
527	Sprinkles	0.8	O	S	Sing12
528	F6-F	0.5	Bb	S	Sing12
529	F-R	0.3	O	1/2	Sing12
530	FR	FQ2	3 Sing1 Sing2	1/2	Sing12
531	Sing1-F	1.5	3 Sing1 Sing2	S	Sing12
532	Sing1	1.2	2 Sing1 Sing2	"	Sing12
533	"	"	"	"	"
534	"	"	"	"	"
535	Sing1	1.8	3 Sing1 Sing2	S	Sing12
536	"	"	"	"	"
537	R-Sing1	0.5	O	S	Sing12
538	F-R	0.3	O	1"	Sing12
539	F-R	0.3	O	2"	Sing12
540	Sing1-R	0.3	O	3"	Sing12
541	Sing1-R	0.8	O	3"	Sing12
542	FR	0.7	O	1"	Sing12
543	Sing1-F	0.4	O	S	Sing12
544	Sing1-F	0.4	O	S	Sing12
545	F-Sing1	0.4	O	S	Sing12
546	Sing1	0.3	O	S	Sing12
522	Sing1-Sing2	0.4	O	S	~~Sing12~~
548	Sing1-F	0.4	O	S	Sing12
549	R		0.6	O	Sing12
550	F-6		0.8	O	Sing12
551	F		0.8	O	Sing12

this is where out-of-tune Sing12 is!

532	F6	0.6	O	D	Sing12
533	F	0.7	O	D	Sing12
534	F-6	0.5	O	D	Sing12
535	F-6	0.5	O	D	Sing12
536	F-6	0.4	O	D	Sing12
537	Sing1-F	0.6	O	D	Sing12
538	F-Sing1	1.2	O	D	Sing12
539	G-F	0.6	O	D	Sing12
540	F	0.8	Bb	D	Sing12
541	F-6	0.5	O	D	Sing12
542	F	0.4	O	D	Sing12
543	F	0.6	O	D	Sing12
544	F	0.6	O	D	Sing12
545	F	0.6	O	D	Sing12
546	F-6	0.4	O	D	Sing12
547	F-O	0.4	Pitch	D	Sing12
548	"	"	"	"	"
549	F	Pitch	0.2	Sing1	Sing12
550	F	0.4	O	D	Sing12
551	F6	0.5	Pitch	D	Sing12
552	F	0.5	O	D	Sing12
553	R	0.5	Bb	S	Sing12

29

then after I let another sing!

554	F	0.6	O	D Sing12
555	F	0.6	O	D Sing12
556	F	0.5	O	D Sing12

(४)

८१०	६६	०.५	०	८	६५५१	०	८	६५५१	३
८१२	६६	०.६	३	८	६५५१	०	८	६५५१	३
८१४	६६	०.३	३	८	६५५१	०	८	६५५१	३
८१६	६६	०.४	३	८	६५५१	०	८	६५५१	३
८१८	६६	०.५	३	८	६५५१	०	८	६५५१	३
८२०	६६	०.६	३	८	६५५१	०	८	६५५१	३
८२२	६६	०.७	३	८	६५५१	०	८	६५५१	३
८२४	६६	०.८	३	८	६५५१	०	८	६५५१	३
८२६	६६	०.९	३	८	६५५१	०	८	६५५१	३
८२८	६६	१.०	३	८	६५५१	०	८	६५५१	३
८३०	६६	१.१	३	८	६५५१	०	८	६५५१	३
८३२	६६	१.२	३	८	६५५१	०	८	६५५१	३
८३४	६६	१.३	३	८	६५५१	०	८	६५५१	३
८३६	६६	१.४	३	८	६५५१	०	८	६५५१	३
८३८	६६	१.५	३	८	६५५१	०	८	६५५१	३
८४०	६६	१.६	३	८	६५५१	०	८	६५५१	३
८४२	६६	१.७	३	८	६५५१	०	८	६५५१	३
८४४	६६	१.८	३	८	६५५१	०	८	६५५१	३
८४६	६६	१.९	३	८	६५५१	०	८	६५५१	३
८४८	६६	२.०	३	८	६५५१	०	८	६५५१	३
८५०	६६	२.१	३	८	६५५१	०	८	६५५१	३
८५२	६६	२.२	३	८	६५५१	०	८	६५५१	३
८५४	६६	२.३	३	८	६५५१	०	८	६५५१	३
८५६	६६	२.४	३	८	६५५१	०	८	६५५१	३
८५८	६६	२.५	३	८	६५५१	०	८	६५५१	३
८६०	६६	२.६	३	८	६५५१	०	८	६५५१	३
८६२	६६	२.७	३	८	६५५१	०	८	६५५१	३
८६४	६६	२.८	३	८	६५५१	०	८	६५५१	३
८६६	६६	२.९	३	८	६५५१	०	८	६५५१	३
८६८	६६	३.०	३	८	६५५१	०	८	६५५१	३
८७०	६६	३.१	३	८	६५५१	०	८	६५५१	३
८७२	६६	३.२	३	८	६५५१	०	८	६५५१	३
८७४	६६	३.३	३	८	६५५१	०	८	६५५१	३
८७६	६६	३.४	३	८	६५५१	०	८	६५५१	३
८७८	६६	३.५	३	८	६५५१	०	८	६५५१	३
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८८६	६६	३.९	३	८	६५५१	०	८	६५५१	३
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८९०	६६	४.१	३	८	६५५१	०	८	६५५१	३
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९०२	६६	४.७	३	८	६५५१	०	८	६५५१	३
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९०६	६६	४.९	३	८	६५५१	०	८	६५५१	३
९०८	६६	५.०	३	८	६५५१	०	८	६५५१	३
९१०	६६	५.१	३	८	६५५१	०	८	६५५१	३
९१२	६६	५.२	३	८	६५५१	०	८	६५५१	३
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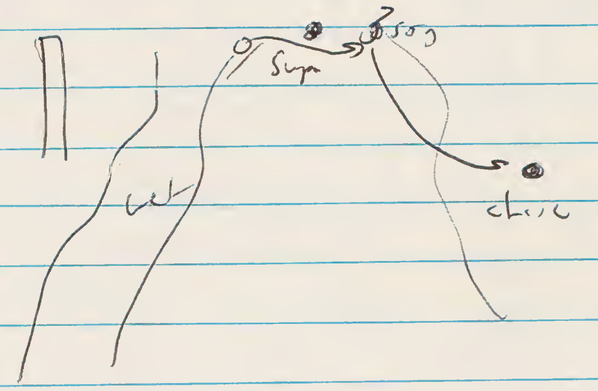
९३०	६६	६.१	३	८	६५५१	०	८	६५५१	३
९३२	६६	६.२	३	८	६५५१	०	८	६५५१	३
९३४	६६	६.३	३	८	६५५१	०	८	६५५१	३
९३६	६६	६.४	३	८	६५५१	०	८	६५५१	३
९३८	६६	६.५	३	८	६५५१	०	८	६५५१	३
९४०	६६	६.६	३	८	६५५१	०	८	६५५१	३
९४२	६६	६.७	३	८	६५५१	०	८	६५५१	३
९४४	६६	६.८	३	८	६५५१	०	८	६५५१	३
९४६	६६	६.९	३	८	६५५१	०	८	६५५१	३
९४८	६६	७.०	३	८	६५५१	०	८	६५५१	३
९५०	६६	७.१	३	८	६५५१	०	८	६५५१	३
९५२	६६	७.२	३	८	६५५१	०	८	६५५१	३
९५४	६६	७.३	३	८	६५५१	०	८	६५५१	३
९५६	६६	७.४	३	८	६५५१	०	८	६५५१	३
९५८	६६	७.५	३	८	६५५१	०	८	६५५१	३
९६०	६६	७.६	३	८	६५५१	०	८	६५५१	३
९६२	६६	७.७	३	८	६५५१	०	८	६५५१	३
९६४	६६	७.८	३	८	६५५१	०	८	६५५१	३
९६६	६६	७.९	३	८	६५५१	०	८	६५५१	३
९६८	६६	८.०	३	८	६५५१	०	८	६५५१	३
९७०	६६	८.१	३	८	६५५१	०	८	६५५१	३
९७२	६६	८.२	३	८	६५५१	०	८	६५५१	३
९७४	६६	८.३	३	८	६५५१	०	८	६५५१	३
९७६	६६	८.४	३	८	६५५१	०	८	६५५१	३
९७८	६६	८.५	३	८	६५५१	०	८	६५५१	३
९८०	६६	८.६	३	८	६५५१	०	८	६५५१	३
९८२	६६	८.७	३	८	६५५१	०	८	६५५१	३
९८४	६६	८.८	३	८	६५५१	०	८	६५५१	३
९८६	६६	८.९	३	८	६५५१	०	८	६५५१	३
९८८	६६	९.०	३	८	६५५१	०	८	६५५१	३
९९०	६६	९.१	३	८	६५५१	०	८	६५५१	३
९९२	६६	९.२	३	८	६५५१	०	८	६५५१	३
९९४	६६	९.३	३	८	६५५१	०	८	६५५१	३
९९६	६६	९.४	३	८	६५५१	०	८	६५५१	३
९९८	६६	९.५	३	८	६५५१	०	८	६५५१	३
१०००	६६	९.६	३	८	६५५१	०	८	६५५१	३

655	R	0.6	D	S	Sug 14		
656	R-f	0.6	C	S	Sug 14		
65	f	0.2	Obj	D	Sug 14		
659	f	0.5	C	P	Sug 14		
660	fG	0.4	Obj	P	Sug 14		
661		0.4	"	"	"		
662	Pyramidal Cell		"	"	"		
663			"	"	"		
664			"	"	"		
665			Bipolar cell	P			
666	f	0.6	Obj	P	Sug 14		
667	f	0.8	Obj	P	Sug 14		
668	fG	0.6	C	P	Sug 14		
669	R	0.6	C	P	Sug 14		
670	fG	0.5	C	P	Sug 14		
671	R	0.6	C	P	Sug 14		
672	R	0.7	C	M	Sug 14		
673	G	0.5	C	P	Sug 14		
674	G	0.6	C	P	Sug 14		
675	fG	0.5	C	P	Sug 14		
676	Grey	0.3	C	P	Sug 14		
677	fG	0.6	C	P	Sug 14		
678	G	0.6	C	P	Sug 20		
679	G	0.8	C	P	Sug 20		
680	G	0.6	C	P	Sug 20		
681	G	0.5	C	P	Sug 20		

682	fG	0.6	C	P	Sug 20
683	~~fG~~	0.8	BD	P	Sug 20
684	Grey-t.	1.0	C	P	Sug 20
685	f. Grey	0.3	Light	"	Sug 17
686	f-Green	0.5	Light	"	Sug 12
687	f-Green	0.6	C	"	Sug 17
688	f-Green	0.4	C	"	Sug 14
689	f-Green	0.2	C	1/2"	Sug 12
690	R-f	0.4	C	4"	Sug 14
691	R-f	0.8	C	3"	Sug 17
692	R-Green	2.0	C	2"	Sug 20
693	R	2.0	C	2"	Sug 20

Sug 20 spines in Sug 20 tech. chips ~~Are stylocerous~~ but no single or cluster



* integral Sy spun (X)

	651	F-cath.l	2.0	hilin	6"	Sy 17
	652	cath.l	2.2	hilin	6"	"
	653	cath.	2.0	↓	6'	"
	654		2.2		6"	"
32	655	F-R	0.4	2BB	S	Sy 17
	656	cathl-R	1.5	2 hilin	F	Sy 17
	657	FR	0.6	2 hilin	S	Sy 17
	658	F	0.8	2BB	S	Sy 12
	659	cur	0.6	0	2"	Sy 12
	660	R[illegible]	0.6	0	3"	Sy 12
	661	R	0.5	hilin	1/2	Sy 12
	662	Rt	0.5	0	S	Sy 12
	663	cur	0.5	0	S	Sy 17
	664	F	0.6	0	M?	Sy 20
	665	F	0.8	0	D	Sy 20
	666	F	0.6	0	M	Sy 2[illegible]
	667	F	6.[illegible]	0	M	Sy 20
*	662	FG	0.	0	1"	Sy 20?
	663	F	0.6	0	D	Sy 20
	664	F	0.6	0	P	Sy 20
	665	F	0.8	0	P	Sy 20
*	666	F	6.4	0	P	Sy 20
*	667	F	0.5	0	D	Sy 20
*	668	F	0.4	0	D	Sy 20
*	669	G	0.8	0	D	Sy 20
*	670	G	0.5	0	D	Sy 20

33

671	F	B0	0	P	Sy 19
672	F	0.5	0	P	Sy 19
673	F	0.6	0	D	Sy 19
674 →	FG	0.6	0	D	Sy 19
675	FG	0.5	0	D	Sy 19
676	FG	0.6	BD	D	Sy 19
677	FG	0.6	0	D	Sy 19
678	F	0.5	0	D	Sy 19
679	F	0.5	0	D	Sy 19
680	F	0.8	0	D	Sy 19
681	hanging [illegible]		↓		19
682		"			19
683		"			19
684		"			19
685		"			19
686		"			19
687		"			19
688		"			19
689		"			19
690	F	0.6	0	P	Sy 19
691	F	6.6	0	D	Sy 19
692	F	6.6	2Pss	D	Sy 11
693	F	0.6	2Ps	P	Sy 19
694	F	0.5	0	P	Sy 19
695	F	0.6	0	D	Sy 19
696	F	1.8	0	P	Sy 19
697	F	1.5	0	D	Sy 2[illegible]

(x)

698	F	1.8	0	D	Sep 19
699	F	0.6	0	D	Sep 19
700	F-lunar	1.0	0	D	Sep 12
701	G-F	0.2	0	1/2"	Sep 19
702	G	0.6	0	D	Sep 19
703	F	0.5	0	D	Sep 15
704	F	0.5	0	D	Sep 21
705	G	0.5	0	M	Sep 20
706	F	0.4	0	D	Sep 20
707	F	0.5	0	D	Sep 20
708	F	0.4	0	D	Sep 20
709	F	0.5	0	D	Sep 20
710	F	0.7	0	D	Sep 20
711	F	0.0	0	M	Sep 20
712	F-R	0.8	0	D	Sep 20
713	F-R	0.6	0	1/2"	Sep 12
714	θR	0.8	0	S	Sep 12
715	FR	0.5	0	S	Sep 12
716	F	0.8	0	M	Sep 12
717	R	0.5	0	M"	Sep 17
718	FR	0.5	0	S	Sep 12
719	FR	0.8	yellow	S	"
720	FR	0.0	"	S	"
734 721	FR	0.5	7" BB	S	"
722	FR	0.0	" BB	S	"
723	FR	0.4	0	S	"

724	F	0.8	Dry	S	Sep 12
725	FG	0.8	0	S	Sep 12
726	F	0.0	0	D	Sep 20
727	F	0.5	0	D	Sep 20
728	F	0.6	0	D	Sep 20
729	F	1.2	willow	D	Sep 20
730	F	1.5	willow	D	Sep 20
731	F	1.2	2 BB	D	Sep 20
732	F	0.8	0	D	Sep 20
733	F	0.4	0	D	Sep 20
734	F	0.0	0	D	Sep 20
735	F	0.4	BB	D	Sep 20
*736	G	0.5	2 Dry	D	Sep 18
*737	F	0.8	0	D	Sep 19
*738	F	0.5	0	D	Sep 19
739	F	0.5	0	D	Sep 19
740	F	0.9	0	D	Sep 19
741	F	0.9	0	3"	Sep 19
742	F-G	0.2	0	3"	Sep 19
743	FG	0.6	[illegible]"	10"	Sep 11
744	F	0.8	0	7"	Sep 19
745	F	0.0	0	D	Sep 9
746	GF	0.5	0	D	Sep 19
747	FG	0.6	0	D	Sep 15
748	F	0.5	0	D	Sep 14
749	FG	0.5	0	D	Sep 19
750	F	0.4	0	D	[illegible]

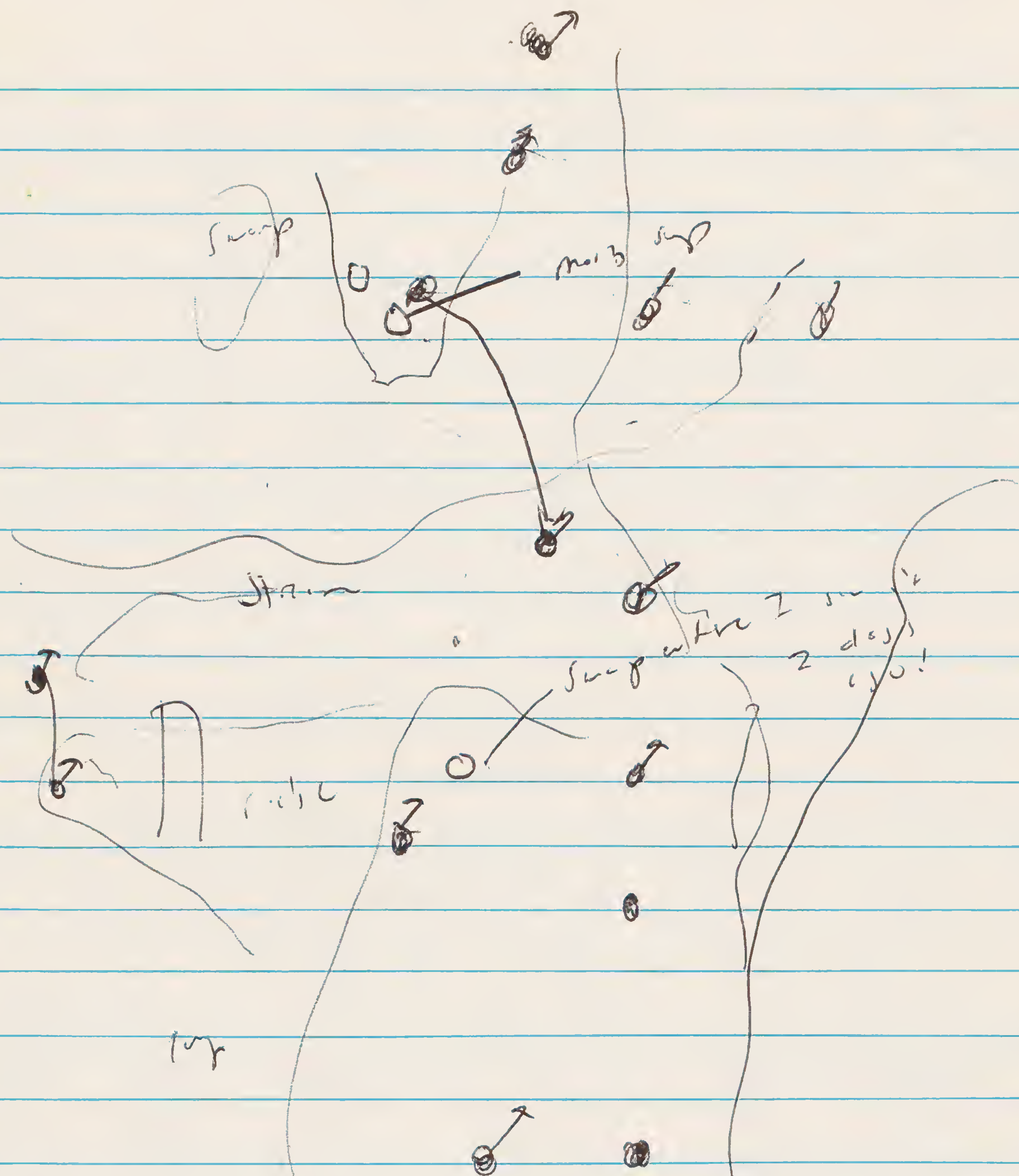
(X)

751 – Plymouth thicket
752 "
753 "

Returned 10 July to find
last few runs – found Sup
Sparrows in small "mist"
in Song 14 [illegible] – [illegible]
[illegible] but appeared to
be in long mist [illegible]
[illegible] seems to be [illegible]
to be a [illegible]

754	F	0.6	Dogwood	D	Sng 19
755	F	1.2	Dogwood	D	Sng 11
756	GF	0.8	Dg.	D	Sng 19
757	G	0.6	O	D	Sng 19
758	GF	0.5	O	D	Sng 19
759	GF	0.4	O	D	Sng 19
760	GF	0.6	O	D	Sng 19
761	GF	0.5	O	D	Sng 19
762	G	0.6	O	D	Sng 19
763	FG	0.6	O	D	Sng 19
764	FG	0.5	O	D	Sng 19

	765	F	1.2	O	D	Sng 19
	766	F	0.4	O	D	Sng 19
	767	F	0.5	O	D	Sng 19
	768	F	0.6	BB	D	Sng 20
	769	F	1.0	Dg	D	Sng 20
	770	F	1.2	BB	D	Sng 20
	771	F	1.2	O	D	Sng 20
	772	F	1.2	BB	D	Sng 20
	773	F	1.0	?Dg	D	Sng 20
	774	F	1.2	?BB	D	Sng 20
	775	F	1.4	BB	D	Sng 20
	776	F	0.6	BB	D	Sng 20
	777	F	0.6	BB	D	Sng 20
	778	F	0.6	BB	D	Sng 20
50	779	F	0.4	Dg	M	Sng 17
	780	F	1.2	Dg	M	Sng 4
	781	F	0.6	Alder	A	Sng 20
	782	F	0.0	O	D	Sng 20
	783	F	0.6	Dg	D	Sng 20
	784	F	1.2	BB	D	Sng 20
	785	F	1.2	BB	D	Sng 20
	786	F	0.8	Dg	D	Sng 20
	787	F	1.0	O	D	Sng 20
	788	F	0.5	O	D	Sng 20
	789	F	0.3	O	D	Sng 20



(x)

790	F	1.0	0	p	Song 20
791	F	0.8	0	p	Song 20
792	F	1.0	0	p	Song 20
793	F	0.0	0	p	Song 2–
794	F	0.5	0	p	Song 20
795	F	0.4	0	p	Song 19
796	FG	0.1	0	p	Song 19
791	FG	0.8	0	p	Song 15
792	F	1.2	0	p	Song 15
793	G	0.6	0	p	Song 11
794	G	0.7	0	p	Song 11
795	F	0.8	0	p	Song 19
796	G	0.0	0	p	Song 11
797	GF	0.5	0	p	Song 17
798	G	0.5	0	m	Song 17
799	F	1.2	0	p	Song 11
800	F	1.2	0	p	Song 13
801	F	0.4	[illegible]	p	Song 21
802	F	0.4	0	p	Song 19
37 803	F	1.2	0	p	Song 17
804	F	1.5	0	p	Song 17
805	[illegible]	0.4	0	R	Song 14
806	[illegible]	1.2	0	m	Song 11
807	G	0.7	0	p	Song 14
808	G	0.6	0	p	Song 19
809	G	0.4		m	Song 14

(7)

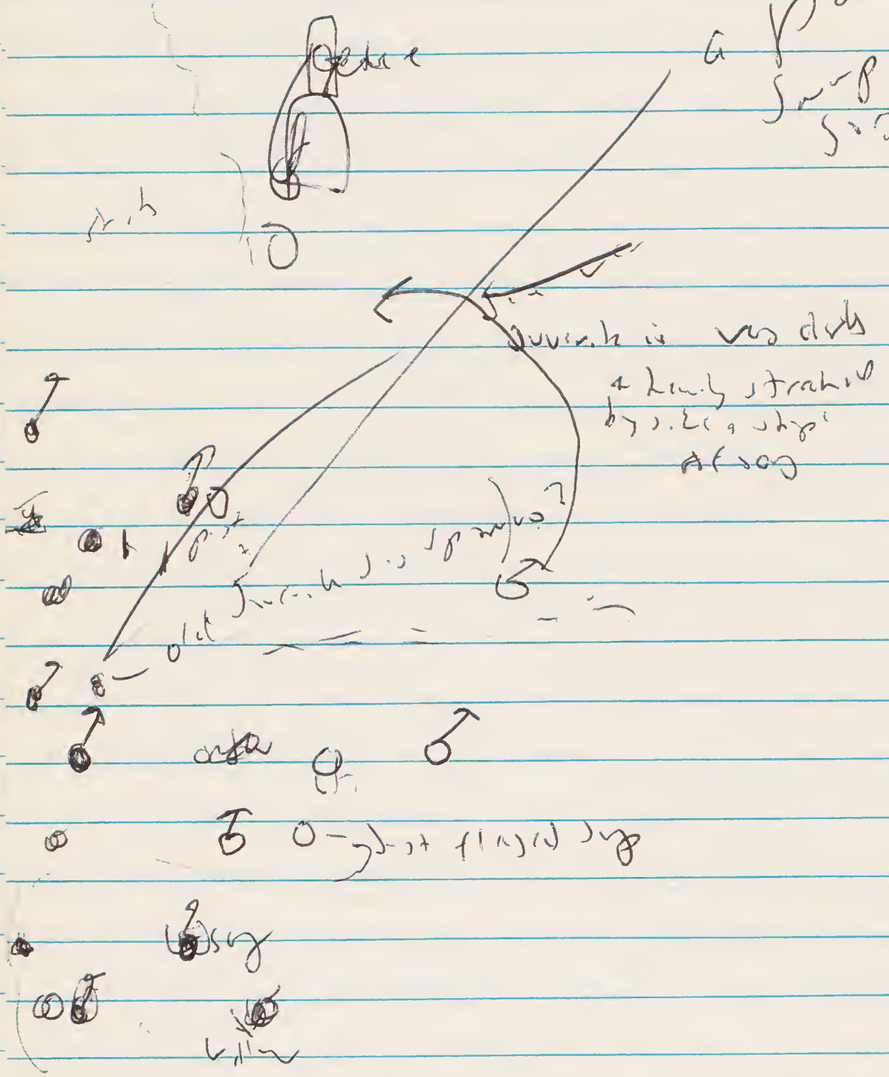
820	Cony	0.4	m	0	Sug 19
821	Cony	1.2	p	0	Sug 19
822	r	0.5	p	0	Sug 19
823	r	0.8	p	0	Sug 20
824	r	1.0	p	Py 2BB	Sug 19
825	r	1.2	p	2BB	Sug 19
826	r	0.4	p	0	Sug 20
827	r	0.6	p	0	Sug 20
828	r	0.2	p	0	Sug 20
829	r	F0.8	p	0	Sug 20
880	r	1.2	p	0	Sug 20
881		0.0	m	0	Sug 20
882	r	1.0	p	BB	Sug 20
882	r	0.6	p	0	Sug 20
883	r	0.0	p	0	Sug 20
884	r	0.8	p	3Bgs	Sug 20
885	r	0.0	$	Py	Sug 20
886	r	0.5	m	Py	Sug 20
3x 887	r	0.7	p	0	Sug 20
888	r	1.0	p	2Bgs	Sug 20
889	r	1.0	p	BB	Sug 20
890	r	0.?	p	w.hw	Sug 20
891	r	0.8	p	0	Sug 20
892	r	1.5	p	BB	Sug 20
893	r	1.5	p	Py 2BB	Sug 20
894	r	1.0	p	Py	Sug 20
895	r	0.5	p	0	Sug 20
896	r	0.6 [~~p~~]	p [~~0.8~~]	0	Sug 20
897	r	0.6	p	3Bgs	Sug 20
898	r	1.0	p	U	Sug 20
899	r	0.0	p	2Bgs	Sug 19
900	r	0.0	b	0	Sug 19
901	G	0.8	p	0	Sug 19
902	rG	1.0	p	0	Sug 19
903	r	1.2	p	0	Sug 19
904	G	0.4	p	0	Sug 20
905	r	0.6	p	0	Sug 20
906	G	0.5	p	0	Sug 20
907	G	0.6	p	0	Sug 20
908	Cony	0.4	B"	0	Sug 20
909	Cony	0.8	[illegible]	0	Sug 19
910	r	1.2	p	0	Sug 19
911	rG	1.2	p	0	Sug 19
912	F	0.8	p	→	Sug 19
913	G	0.5	r	S	Sug
914	G	0.6	p	0	Sug 21

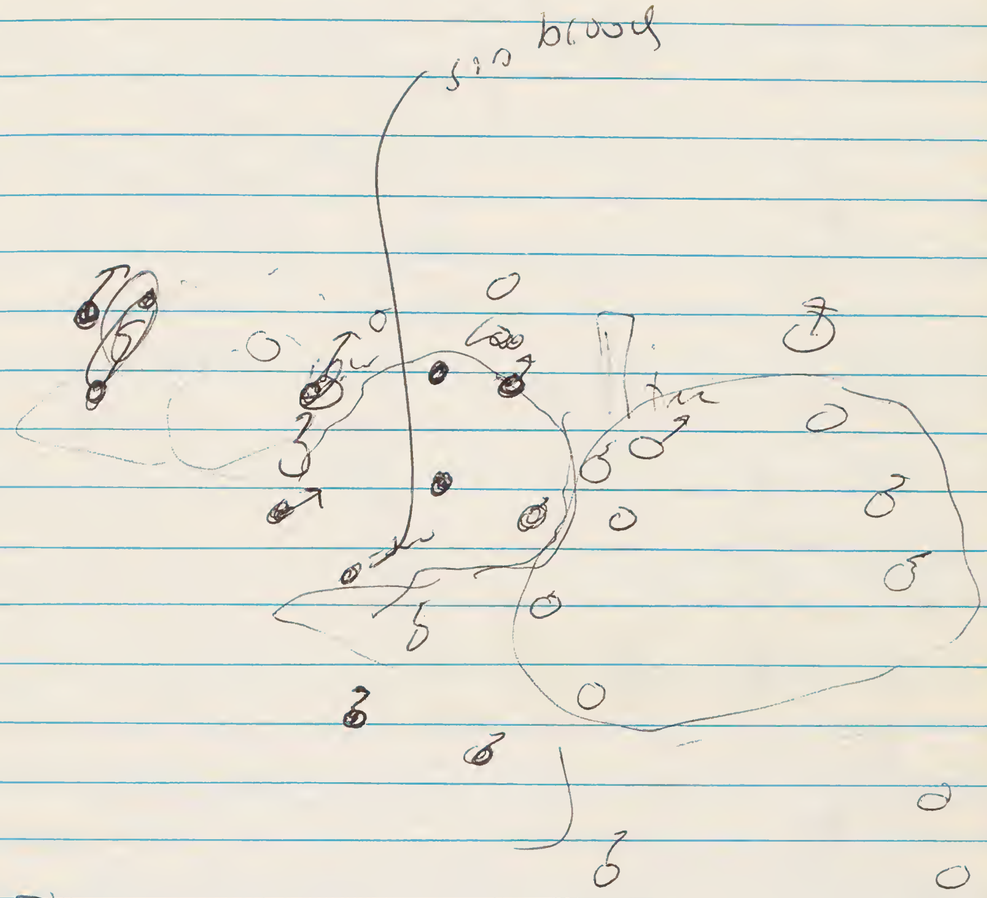
Side pts

915	G	0.6	p	0	Sug 21
911	GF	0.6	p	0	Sug 11
912	rG	0.2	p	0	Sug
918	G	0.8	p	0	[illegible]

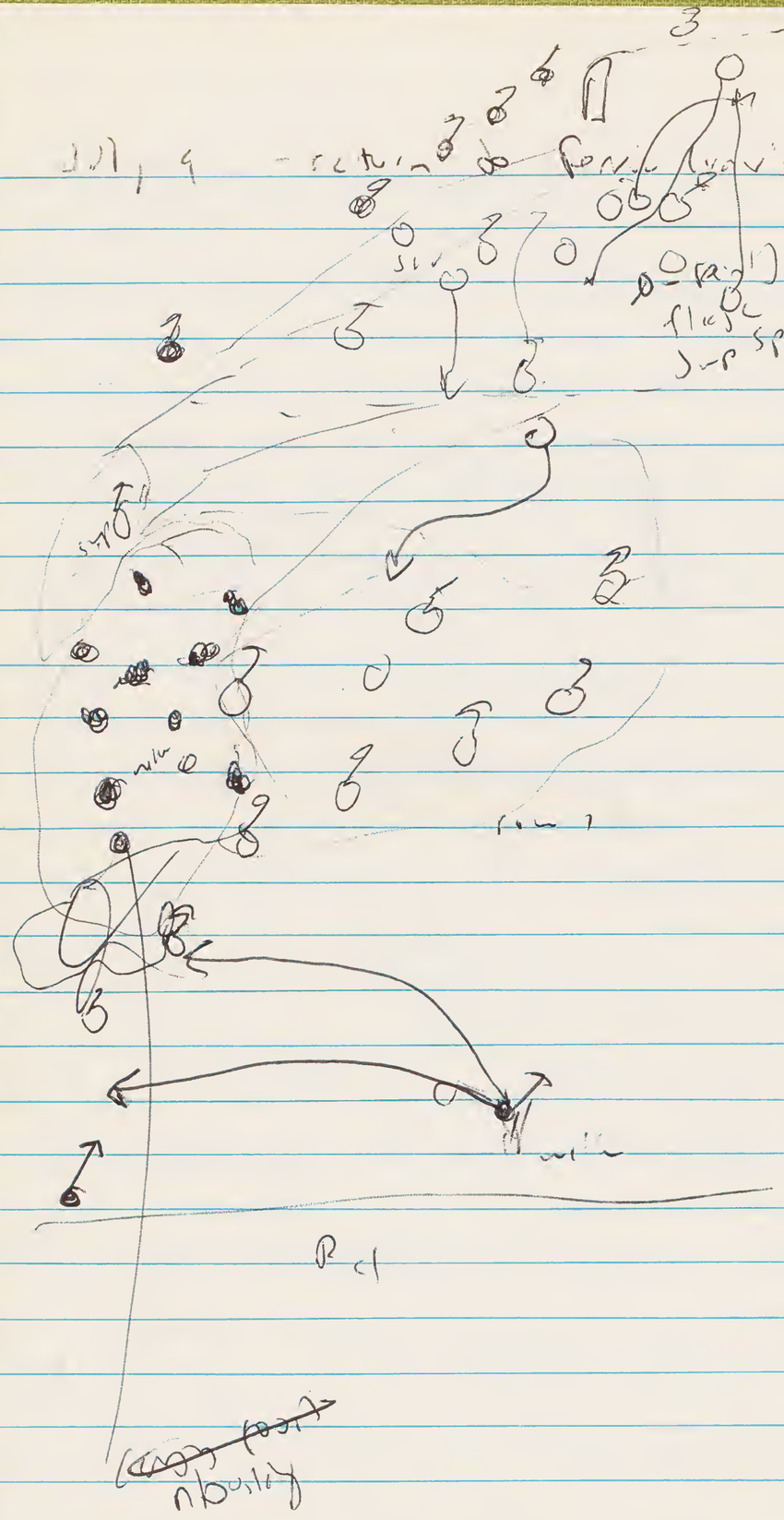
↓ Pure thicket

٩٦٥	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦١	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٢	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٣	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٤	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٥	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٦	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٧	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٨	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٦٩	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٠	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧١	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٢	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٣	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٤	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٥	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٦	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٧	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٨	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٧٩	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٠	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨١	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٢	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٣	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٤	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٥	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٦	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٧	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٨	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٨٩	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٠	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩١	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٢	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٣	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٤	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٥	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٦	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٧	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٨	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
٩٩٩	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠
١٠٠٠	٢-	٢٤	٧.٢	٢٨٠	٧٠٢	٢٨٠	٧٠٢	٢٨٠





The [illegible] are
in very close proximity
may be hard to



1	f	2.6	O	D	
2	f	6 0.4	O	p	
3	r	0.6	O	p	
4	f	0.6	O	p	
5	fR	0.5	O	b	
6	fR	0.4	O	p	
7	fR	0.4	O	p	
8	f	6 0.6	O	p	
9	f	0.8	O	p	
10	f	1.0	O	p	
11	f	0.2	O	b	
12	f	0.2	O	b	
13	f	0.2	O	p	
14	f	0.8	O	p	
15	f	0.8	O	p	
16	f	1.4	O	p	
17	f	6 0.6	O	p	
18		0.8	2 players	p	

Blocking scheme

(x)

(X)

1	181	F	1.2	O	P	Sy21	207	F	0.8	O	M	Sy21
	182	F	1.2	O	P	Sy20	208	F	0.8	O	O	Sy21
	183	F	1.1	O	P	Sy21	209	F	0.8	O	V	Sy21
	184	F	0.6	O	P	Sy21	210	F	1.0	O	2M	Sy21
	185	F	0.6	O	P	Sy21	211	F	1.2	O	M	Sy21
	186	F	0.6	O	N->	Sy21	212	F	1	O	P	Sy21
	187	F	0.6	O	N-1	Sy21	213	F	0.4	O	S	Sy21
	188	S	0.6	O	S	Sy21	214	FG	0.4	O	M	Sy21
	189	S	1.1	O	S	Sy21	215	F-G	0.8	O	S	Sy21
2	190	F	0.7	O	N	Sy21	216	R	0.6	O	S	Sy21
	191	F	0.7	O	N-1	Sy21	217	M-R	0.6	O	3"	Sy21
	192	F	0.7	O	S	Sy21	218	M-O-M	0.7	O	1/2"	Sy21
	193	F	0.7	O	S	Sy21	219	M-G	0.6	O	4"	Sy21
	194	FR	0.4	O	S	Sy21	220	M-R	0.4	O	1"	Sy21
	195	FR	0.6	O	S	Sy21	221	F-R	0.6	O	1/2"	Sy21
	196	F-G	0.4	O	M	Sy21	222	F-R	0.6	O	1/2	Sy21
	197	FR	0.5	O	B	Sy21	223	F-R	0.5	O	3/4	Sy21
	198	FR	0.5-1	O	S	Sy21	224	F-Rein	0.6	O	S	Sy21
	199	FR	0.4	O	S	Sy21	225	R	0.4-1	O	3/4	Sy21
200		GR	0.4	O	S	Sy21	226	R	0.6	O	S	Sy21
201		F	0.8	V	M	Sy21	227	Conc-Mur	0.4	O	S	Sy21
202		FR	0.5	O	M-S	Sy21	228	R	0.1	O	4"	Sy21
203		F	0.6	O	S	Sy21	229	F-G	0.5	O	S	Sy21
204		F	1.0	R	S	Sy21	230	F	0.6	O	M	Sy21
205		FR	0.5	O	S	"	231	F	1.2	O	M	Sy21
206		F	0.2	V	S	Sy21	232	F	1.2	O	M	Sy21

21/125 ⊗

233	F	1.2	O	P brood	D Sep 21
234	F	1.2		2 Pyrs	P Sep 23
235	F	1.2		Py	P Sep 21
236	F	1.2		O	O Sep 21
237	Sep 6	0.6		O	S Sep 19
238	6	1.8		O	3" Sep 19
239	3/6	1.8		O	3 Sep 19
240	F	0.6		O	3" Sep 16
241	FR	0.6		O	3" Sep 19
242	FG	0.6		O	S Sep 19
243	F	0.8		O	S Sep 19
244	FR	0.8		O	3" Sep 21
245	FG	1.0		O	3" Sep 19
246	F-R	0.5		O	3" Sep 19
247	Grey-g ✓	0.6		O	S Sep 19
248	Grey-Gr	0.6		2 Pyrs	1" Sep 19
249	F-R	0.4		O	1" Sep 19
250	FG	0.4		O	2" Sep 19
251	R-G	0.6		O	3" Sep 19
252	FR	0.5		O	S Sep 19
253	F	0.8		O	S Sep 19
254	F-G	0.6		O	S Sep 19
255	F	0.6		O	S Sep 19
256	R-Ferr.	0.8		O	2" Sep 19
257	Gryphon	0.6		O	3" Sep 19
258	Sm Grass/S L	0.6		O	3" Sep 19

259	G	0.2	O	P	Sep 21
260	R-L	0.6	O	2"	Sep 19
261	F	0.6	1 Dy	M	Sep 19
262	FR	0.4	O	M?	Sep 19
263	FR	0.4	O	S	Sep 19
264	FR	0.4	O	$\frac{1}{2}$	Sep 19
265	F	0.4	O	$\frac{1}{2}$	Sep 19
266	F	0.3	O	3"	Sep 19
267	GF	0.4	O	4"	Sep 19
268	~~FG~~	0.1	O	5"	Sep 19
269	FG	1.2	O	3"	Sep 19
270	GR	0.6	O	3"	Sep 19
271	FR	0.6	O	S	Sep 19
272	FG	1.0	O	1"	Sep 19
273	RG	0.6	O	3"	"
274	R	0.2	O	4"	"
275	RG	1.0	O	4"	"
276	FR	0.6	O	3"	Sep 19
277	R-F	0.6	O	2"	Sep 19
278	FR	0.5	O	$\frac{1}{2}$"	Sep 19
279	FG	0.5	O	S	Sep 19
280	R	0.6	Dy	S	Sep 19
281	G-F	1.6	V	1"	Sep 19
Rev) 282	R	0.9	Dy	S	"
283	FR	0.6	O	S	Sep 19
284	FR	0.6	O	S	Sep 19

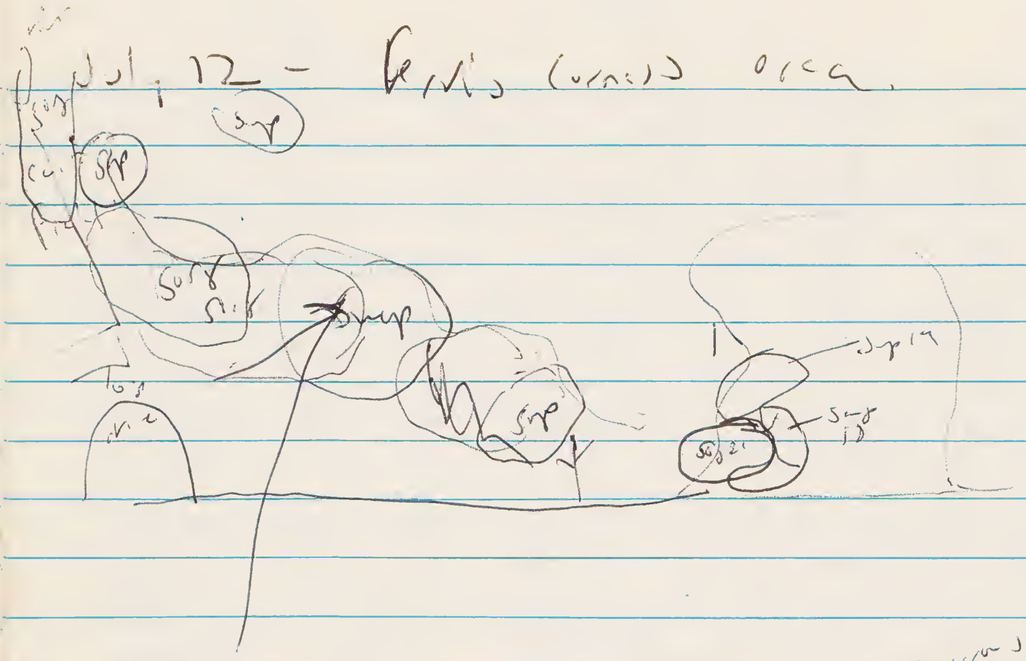
2 sets of Sav. sp. sparrows — still in broods

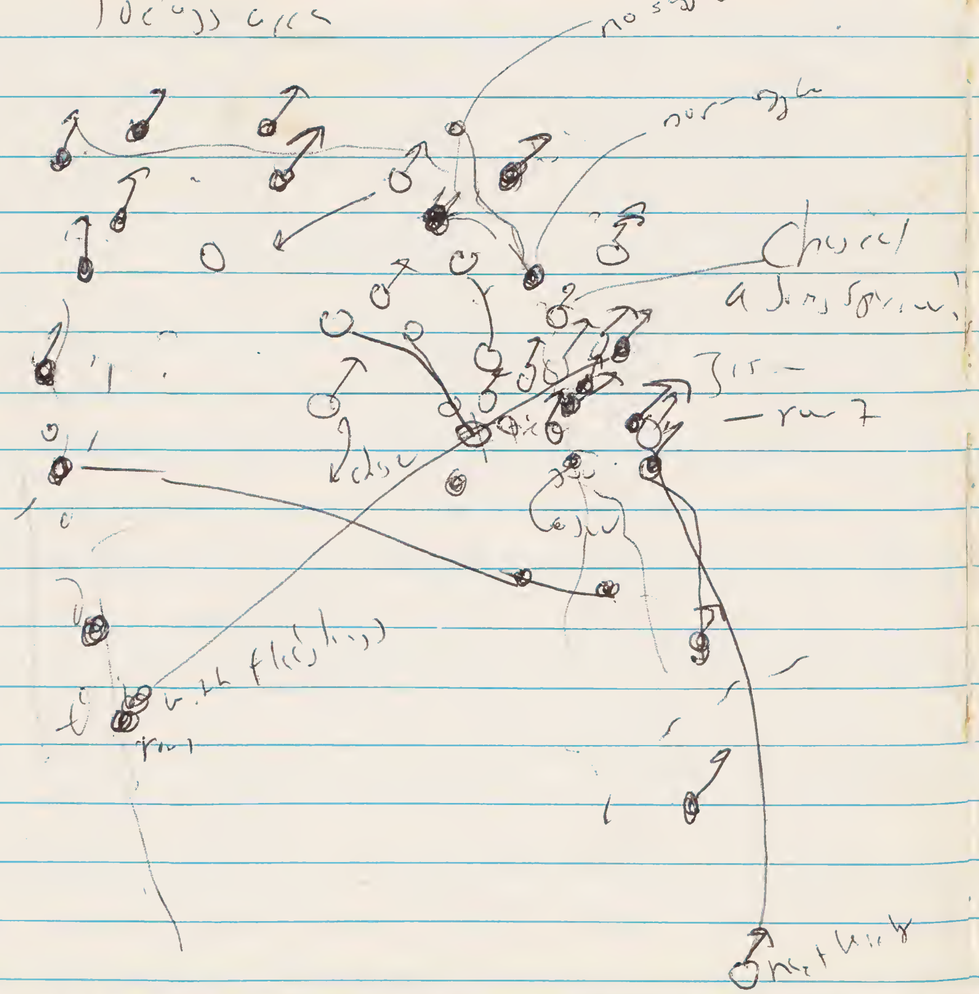
(X)

285	RF	0.6	0	3"	Sep 11
286	RF	0.5	0	1"	Sep 11
287	FG	0.2	0	1"	Sep 17
288	FR	0.0	0	1"	Sep 15
289	R-bc-lon	1.2	0	1"	Sep 15
290	Gr	0.0	0	3"	Sep 11
291	Gr	1.0	8	1/2	Sep 15
292	FR	0.1	0	5	Sep 11
293	GF	0.6	0	3"	Sep 15
294	FR	0.6	0	1"	Sep 19
295	FR	0.8	0	5	Sep 19
296	FR	0.5	0	5	Sep 11
297	FR	0.0	Brood	5	Sep 25
298	F	0.6	0	5	Sep 15
299	Rum-leb	0.5	0	5	Sep 11
300	Fem-	0.8	0	1"	Sep 11
301	Cory-F	0.0	8	1/2	Sep 11
302	F	1.2	Pup	5	Sep 8
303	F	1.5	Pup	1/2	Sep 11
304	RF	0.6	0	2"	Sep 13
305	G (em)	0.0	Pg	1"	Sep 11

Brood that

306	R	" 0.0	0	2"	Sep 19
307	FG	0.6	3 Pup	2"	Sep 19
308	F	0.8	3 Pup	1"	Sep 11
309	FG	0.0	0	5	Sep 10
310	RF	0.0	0	5	Sep 4
311	FG	0.4	0	5	Sep 24
312	FG	0.4	0	5	Sep 19
313	FR	1/2"	0	1/2"	Sep 10
314	FR	0.5	0	5	Sep 15
315	FR	0	0	5	Sep 1
316	FR	0.4	0	5	Sep 15
317	FR	0.0	0	1"	Sep 15
318	Brood [illegible]		?	1"	Sep 15
319	→		Brood		"
320	F-G	1.2	0	1"	"
321	FG	2.0	0	1"	"
322	FG	0.8	0	3"	Sep 19
323	Cory-G	0.5	0	2"	Sep 11
324	FRG	0.4	0	2"	Sep 11
325	FG	0.2	0	1"	Sep 11
326	F-G	0.2	willow	1"	Sep 11





1	G-R	0.3	N	S	Soil 22
2	GR	0.5	O	S	Soil 22
3	GR	01.2	O	S	Soil 22
4	GR	0.4	O	M-S	Soil 22
5	G-R	0.6	O	S	Soil 22
6	GR	0.7	O	S	Soil 22
7	G	0.8	O	S	Soil 22
8	GR	0.4	O	S	Soil 22
9	GR	0.5	O	S	Soil 22
10	FR	0.5	O	S	
11	FG	0.3	O	M	
12	fG	0.6	O	P	Si
13	F	1.2	O	P	Soil 22
14	F	0.6	O	S	Soil 22
15	F	1.5	O	S	Soil 22
16	FG	1.0	V	P	S 22
17	F	1.2	O	P	
18	F	0.8	O	P	S. 22
19	fG	0.6	O	P	Soil 22
20	G	0.4	O	P	Soil 22
21	F	0.6	O	S	Soil 22
22	fG	0.6	O	S	Soil 22
23	FG	0.4	O	S	Soil 22
24	FG	0.6	O	S	Soil 22
25	GR	1.2	O	S	Soil 22
26	GR	0.4	O	S	
27	GR	0.4	O	S	

(٢)

(X)

42		0.7		M	5/22	107	RG	0.3	O	1"	5/22
43	F	0.7		S	5/22	108	F	1.5	O	S	5/22
44	C	0.8			5/22	109	F-G	1.8	O	S	5/22
45	GR	0.8		S	5/22	110	R	0.0	O	S	5/22
46	Fin R	0.8		S	5/22	111	F	0.8	O	S	5/22
47	G	0.6	O	2"	5/22	112	Fin R	1.2			
48	GR	0.7	O	2"	5/22	113	F	1.8	O	S	5/22
49	G	1.6	O	2"	5/22	114	F plus	1.8	O	S	5/22
50	GR	0.8		2"	5/22	115	F-G	0.3	O	S	5/22
51	G	0.4	O	S	5/22	116	RG	1.0	O	1"	5/22
52	F	0.6	O	S	5/22	117	Fin-R	1.0	O	S	5/22
53	F	0.6	O	S	5/22	118	R-G	0.6	O	1/2"	5/22
54	RG	0.8	O	S	5/22	119	F G	0.8	O	1/2"	5/22
55	G	0.4	O	S	5/22	120	Fin-R	0.8	O	S	5/22
56						121	R	0.2	O	1/2"	5/22
57	G	0.6	O	S	5/22	122	R	0.9	O	S	5/22
58	R	0.4	O	S	5/22	123	R	0.8	O	S	5/22
59	F	0.4	O	S	5/22	124	R	0.8	O	S	5/22
60	F	0.2	O	S	5/22	125	GR	0.6	O	S	5/22
61	G	0.8	O	S	5/22	126	GR	0.8	O	1/2"	5/22
62	R	0.6	O	S	5/22	127	R	0.8	O	1/2"	5/22
63	RG	1.2	O	S	5/22	128	RG	0.8	O	S	5/22
64	R	0.6	O	S	5/22	129	R	0.5	O	S	5/22
65	RG	0.6	O	S	5/22	130	GR	0.0	O	1/2"	5/22
66	RG	0.0	O	S	5/22	131	GR	0.7	O	S	5/22
67	RG	0.0	O	S	5/22	132	G	0.5	O	S	5/22

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125	RG	0.6	O	3"	Syn20
126	RG	0.8	O	3"	Syn20
127	R	1.5	O	5"	"
128	R	0.8	O	1"	Syn20
129	RG	0,6	O	1"	Syn20
130	RG	0.6	O	1"	Syn20
131	RG	0.7	BB	3"	Syn20
132	RG	0.5	חמה	S	Syn20
133	RG	1,2	O	3"	Syn20
134	FG	0.6	O	S	Syn20
135	Pom R	0.5		S	Syn20
136	Pyramidal cell				
137	"				
138	Pom R	0.6	38y	S*Syn20	
139	RF	0.6	2Ry	S*Syn20	
140	FR	0,6	2V	S*Syn20	
141	FR	0.8	O	S*Syn	
142	RG	0.6	Ny	1"*Syn20	
143	Ry	0.6	O	2"*S-yn20	
144	R	0.6	O	3"*Syn20	
145	FRG	0.7	O	2" "	
146	R	0.6	O	1" "	
147	RG	0.6	O	1" "	
148	R	1.0	O	2" "	
149	RG	0.6	O	S	Syn20
150	RG	0.5	O	S	Syn20

151	Pom R	1.0	O	S	*Syn20
152		Pyramidal			*Syn20
153	Pom R	0.6	Ny	S	*Syn20
154	Pom R				
155	"				
156	FR	0.6 VP		S	*Syn20
157	G	0.8	O	1"	*Syn20
158	RG	0.8	O	S	Syn20
159	R	0.7	O	1"	Syn
160	G	0.6	Ny	1"	Syn20
161	FG	0.6	Ny	1"	Syn20
162	FG	0.7	O	1"	Syn20
163	R	0.6	O	2"	Syn20
164	RF	0.6	O	S	Syn20
165	FR	0,4	O	S	Syn20
166	FR	0,6	O	S	Syn20
167	Pyramidal cell				

This Notebook
belongs to

Russ Greenberg

National Zoo

Washington, D.C.

20008