

GREENBERG

Swamp & Song

Sparrows

1985

7530-00-222-3521

FEDERAL SUPPLY SERVICE

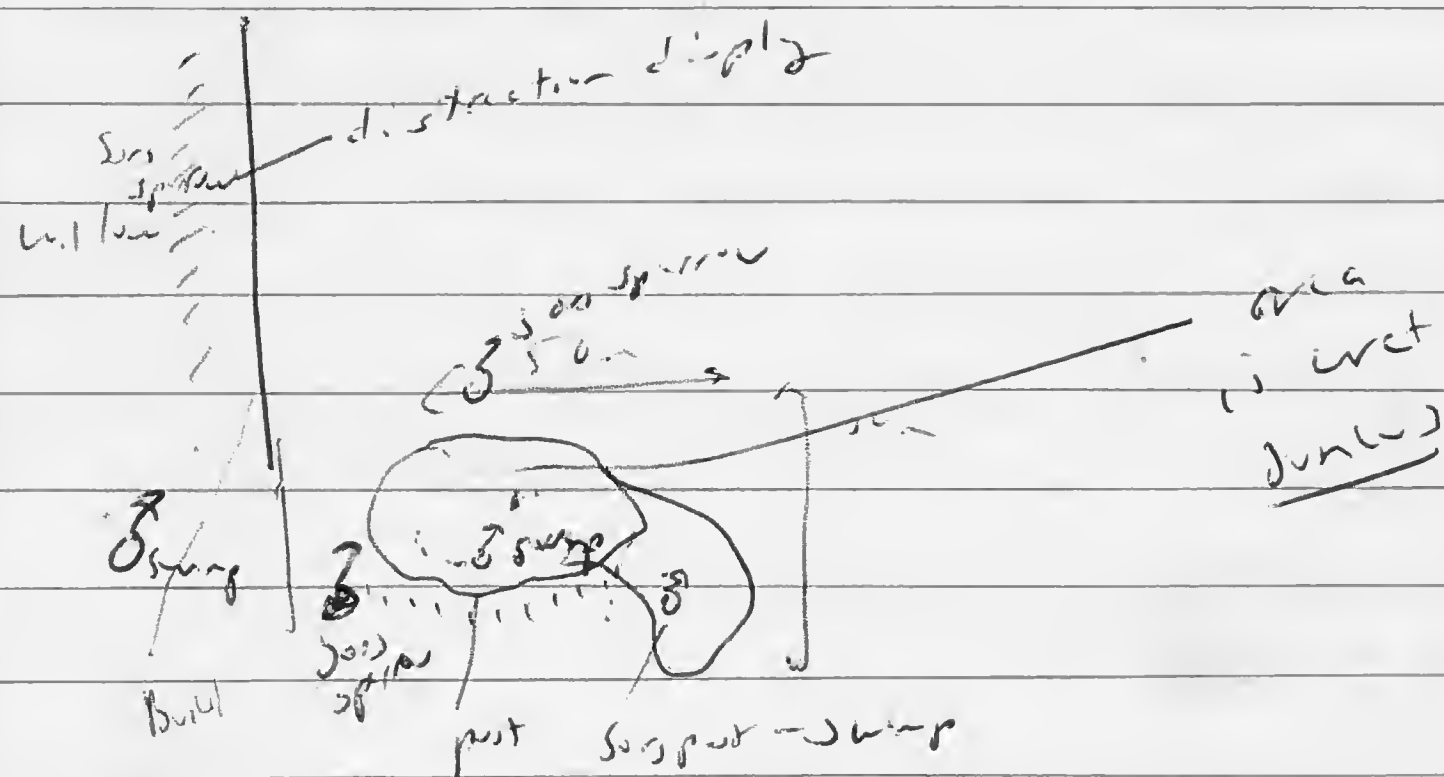
(GPO)



14 June 1985

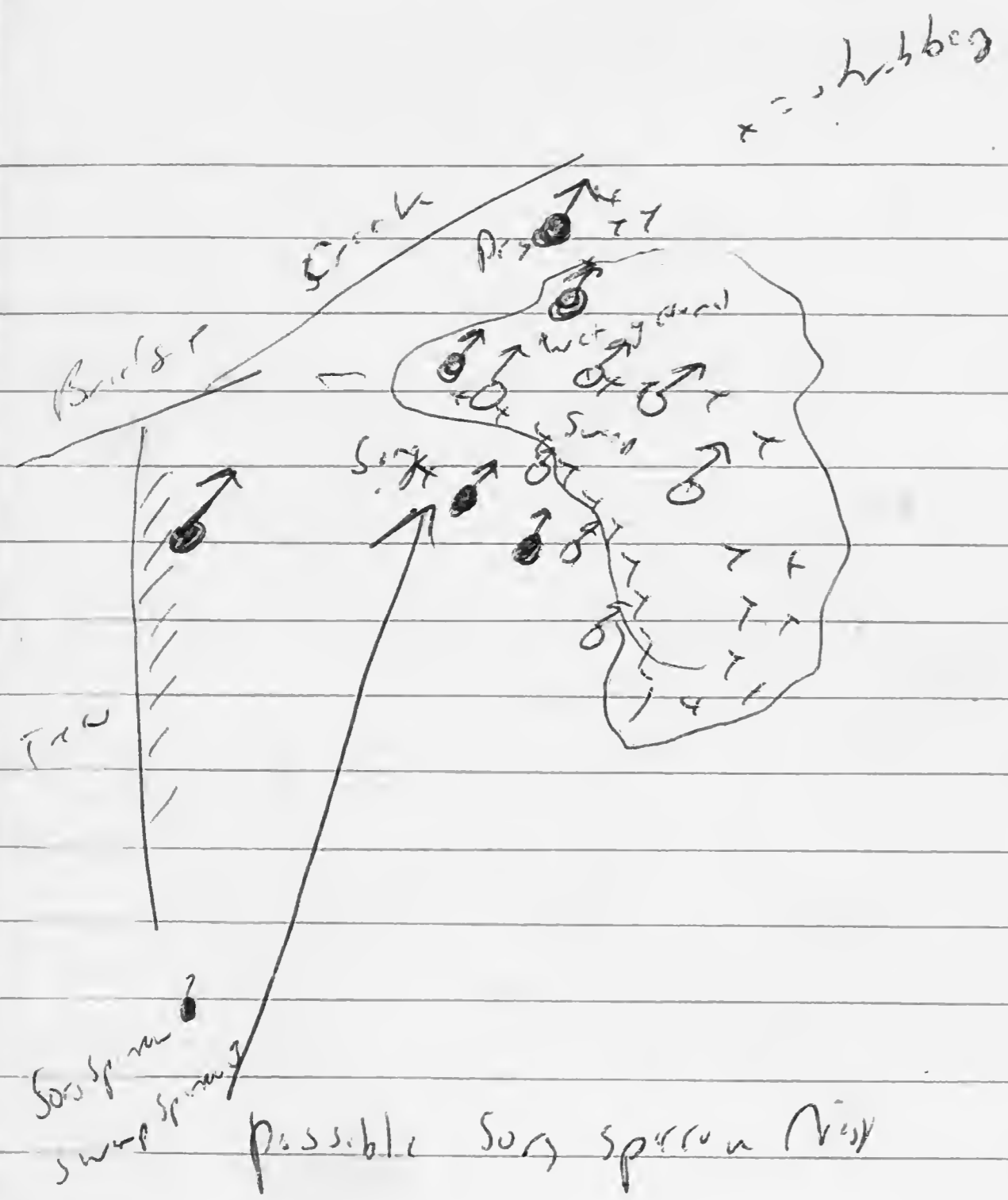
Gene Morton's parent's Farm

Across the road from the house
a small track goes into the Wildlife
refuge & into marsh habitats. 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 dripping into the marsh
for 1-5 minutes. Gave light "top"
notes & male occasionally sang from
~~stop a while~~ - saw a bird
sally for a marsh & another sitting
spider webbing.

Saw ♂ that oak later on

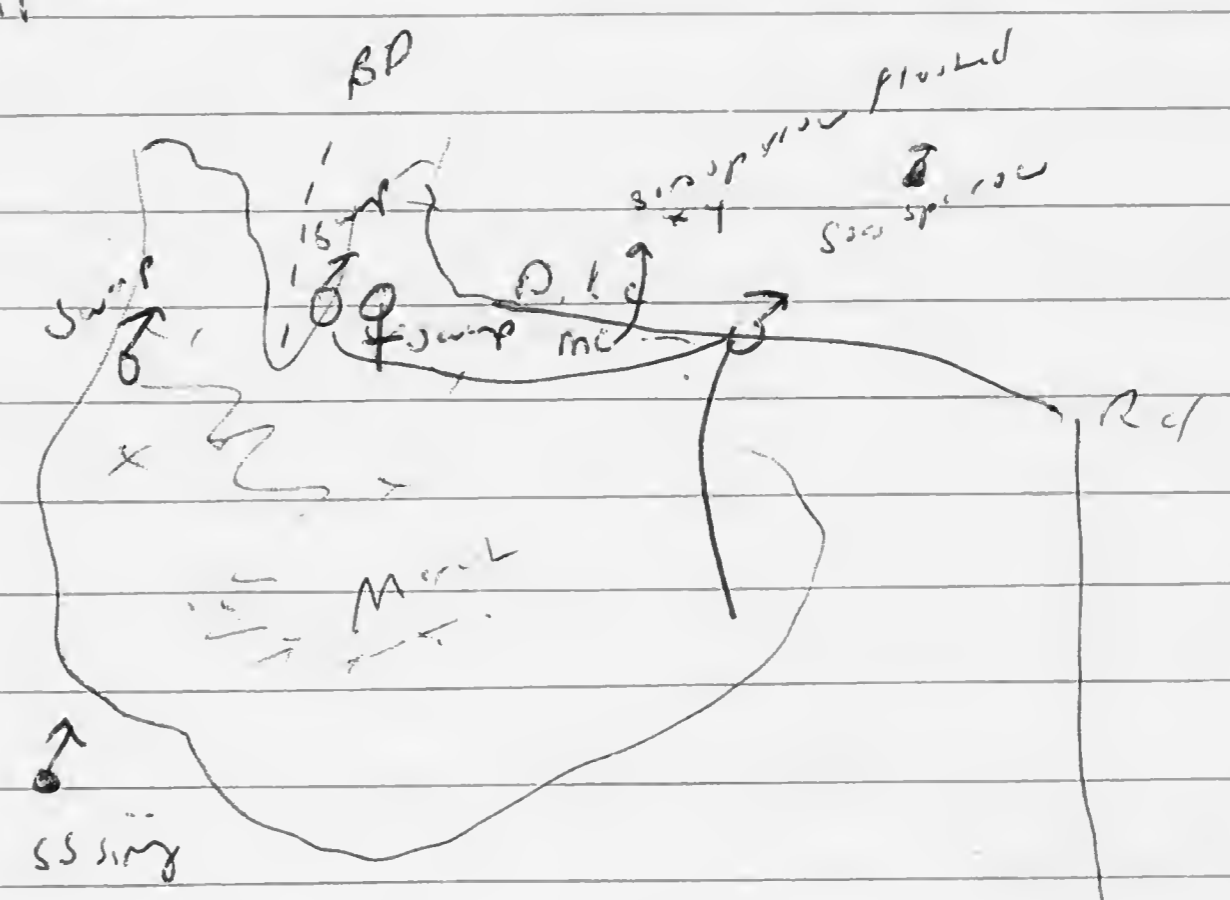


My general impression is that wherever ground is wet - regardless of vegetation there are Swamp Sparrows. So far I've seen no interactions between the species.

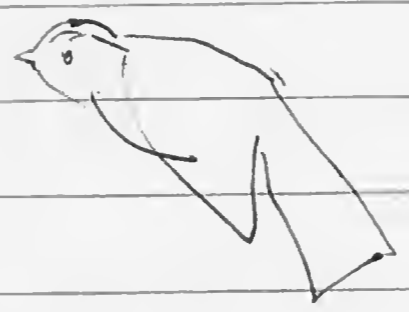
saw ♂ Song sparrow bringing food to nest & flushed by b-l
couldn't find the nest

From 4:00 - 6:30 I watched

the lot section of Swamp from a chair



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



♀ (brown - not rusty crown?)

kept staying up at edge of willows

1-3 up city across &

going into edge of swamp.

once it "grated" at ♂

which kept off & fed.

occasionally dipped. The

will almost no feeding in

tree

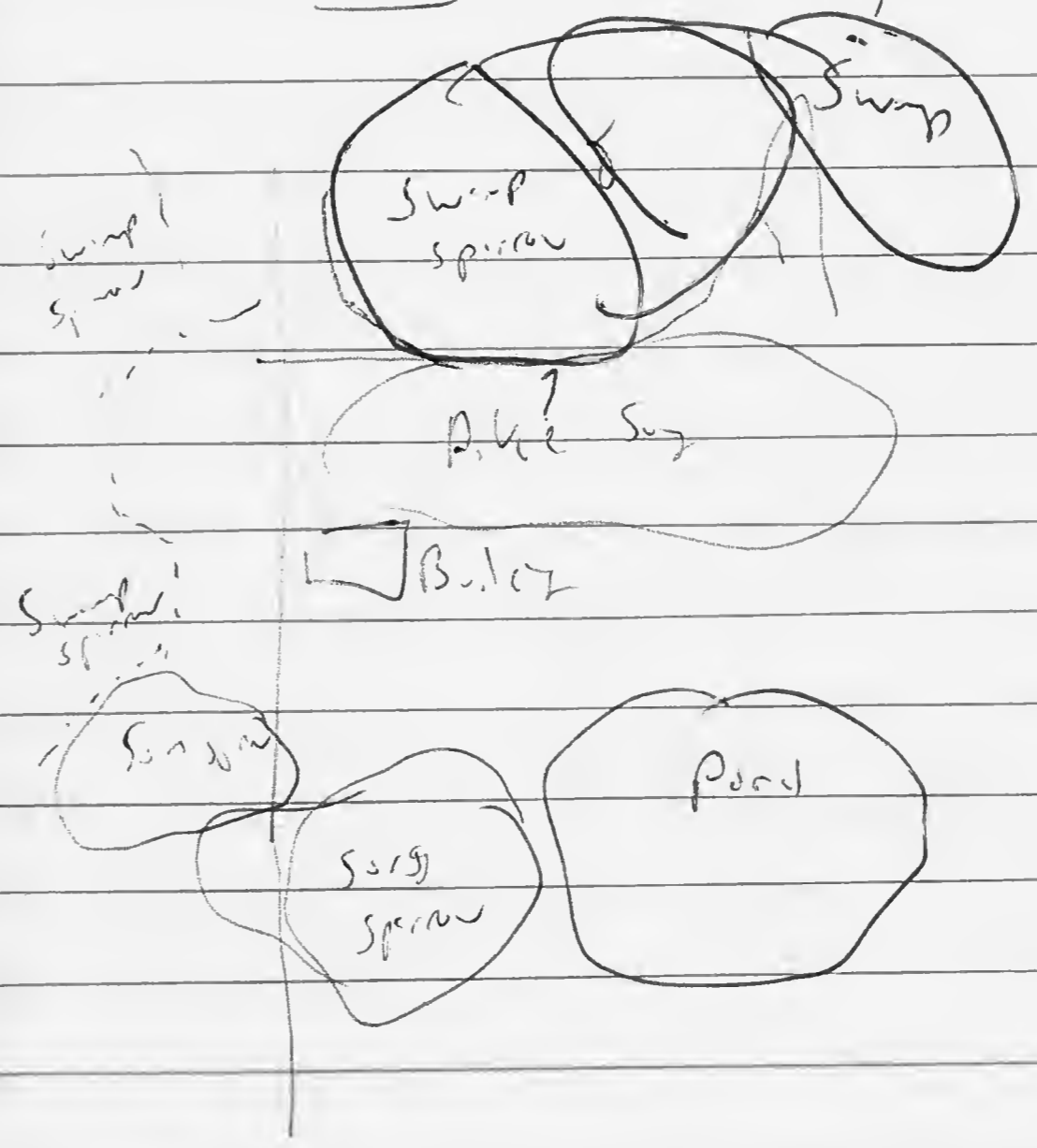
seen at 5:45

5:55

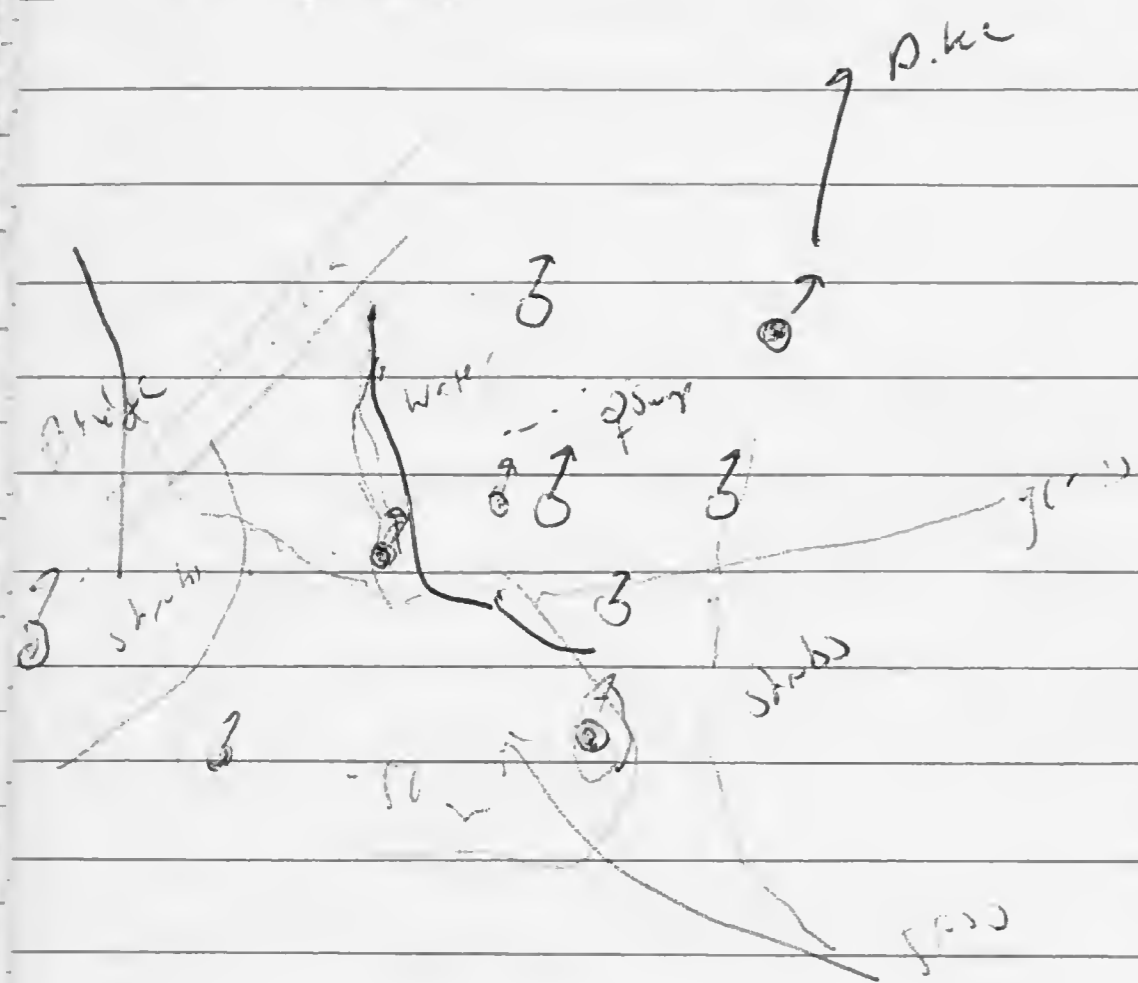
Also another area I checked today

Near this marsh had a field of

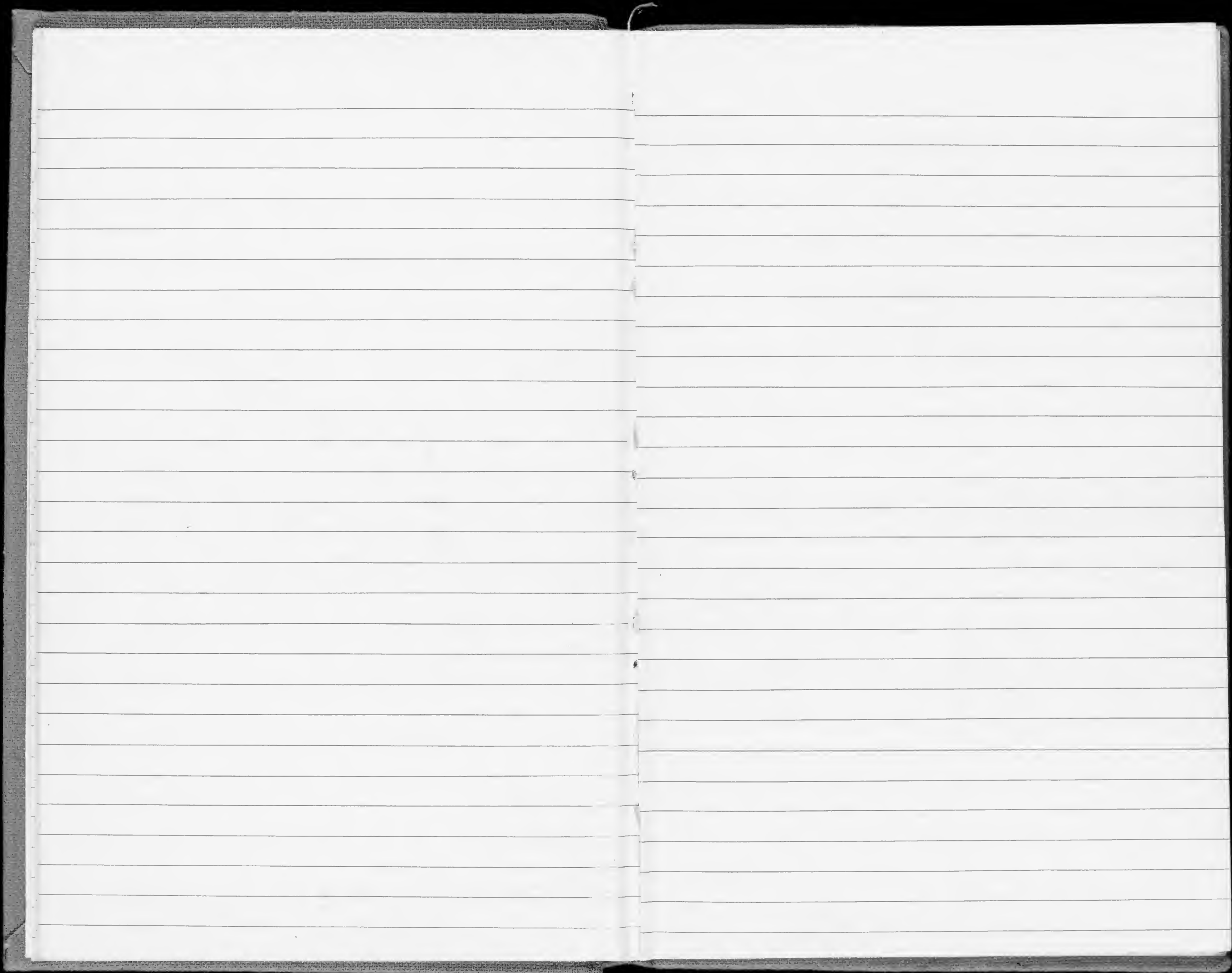
Junco - but only Song Sparrows



16 June



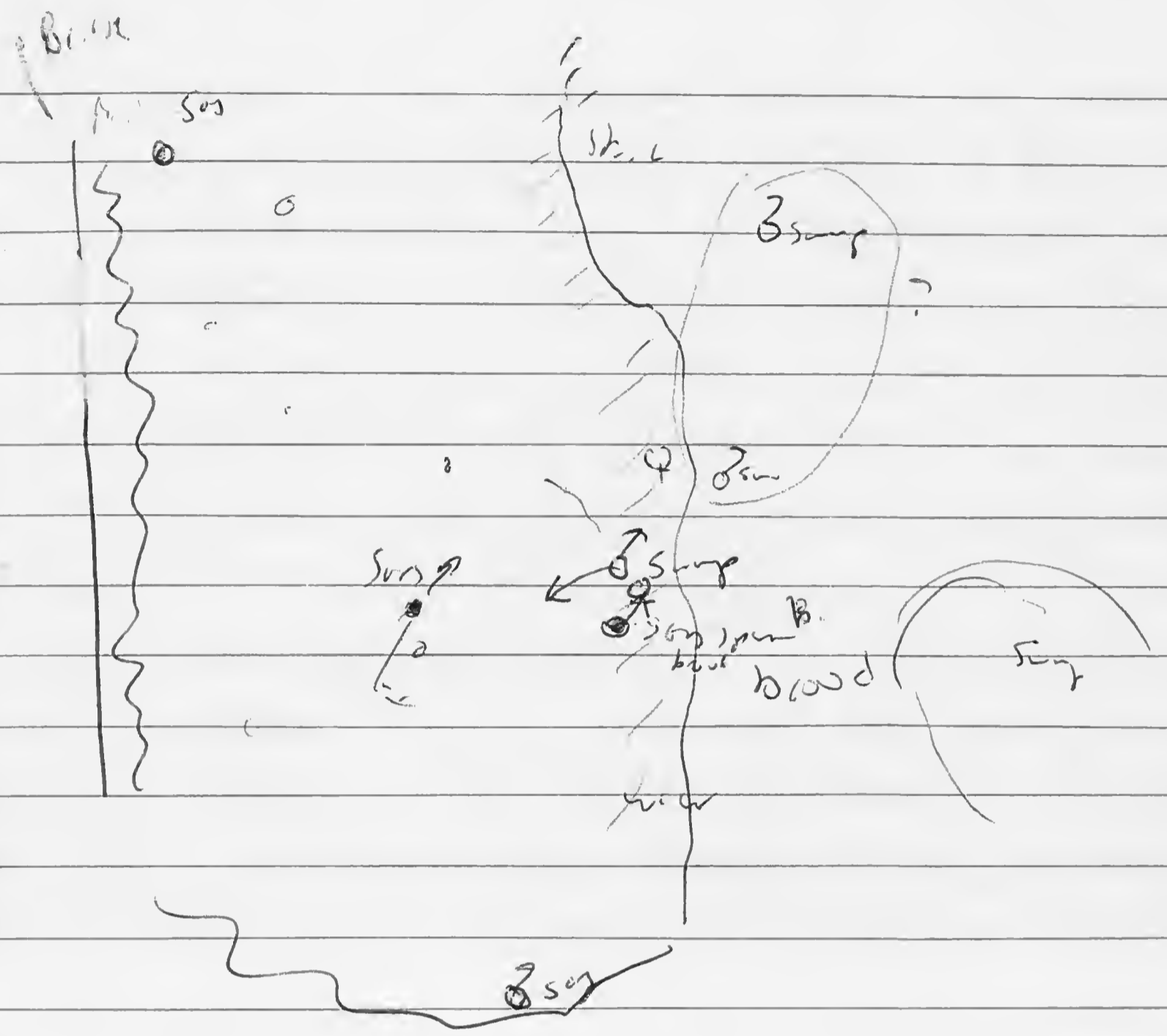
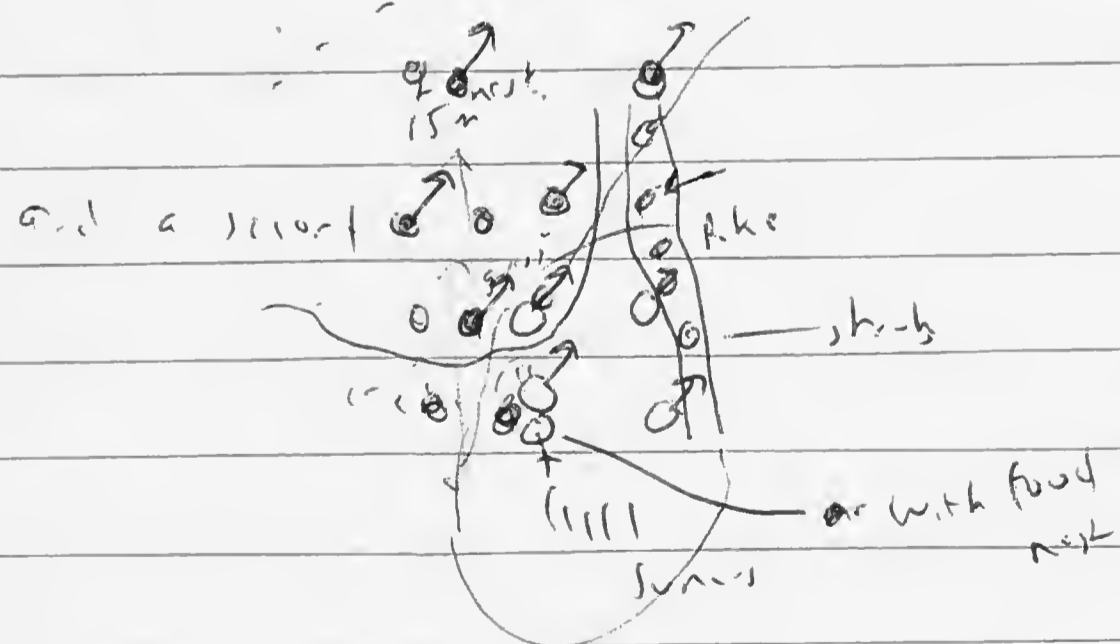
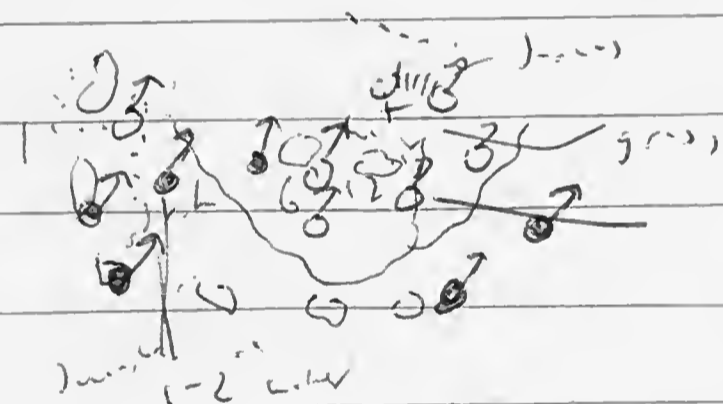
grass



9:30 - 10:30 am

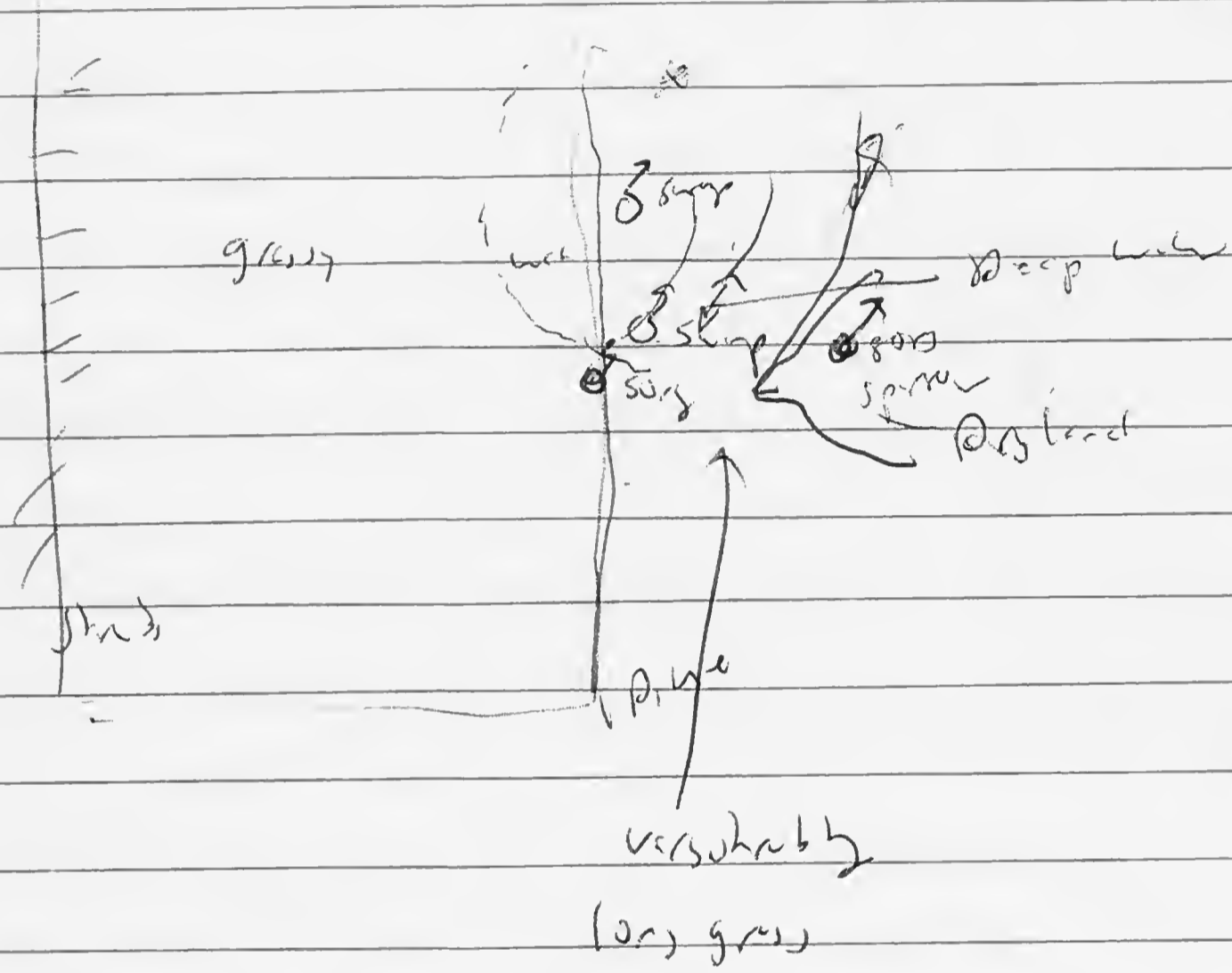
I worked the 2nd meadow area
near old bridge - paying particular
attention to the pasture.

In all cases the two sparrows
were quite distinct in preferring
dry / wet land. The ~~closest~~ pasture
went from dry to wet grass with
St. Peter's shrub & only a small central
area of Juncus - no little, still
The two sparrows were separated
(kiss or barely in contact)

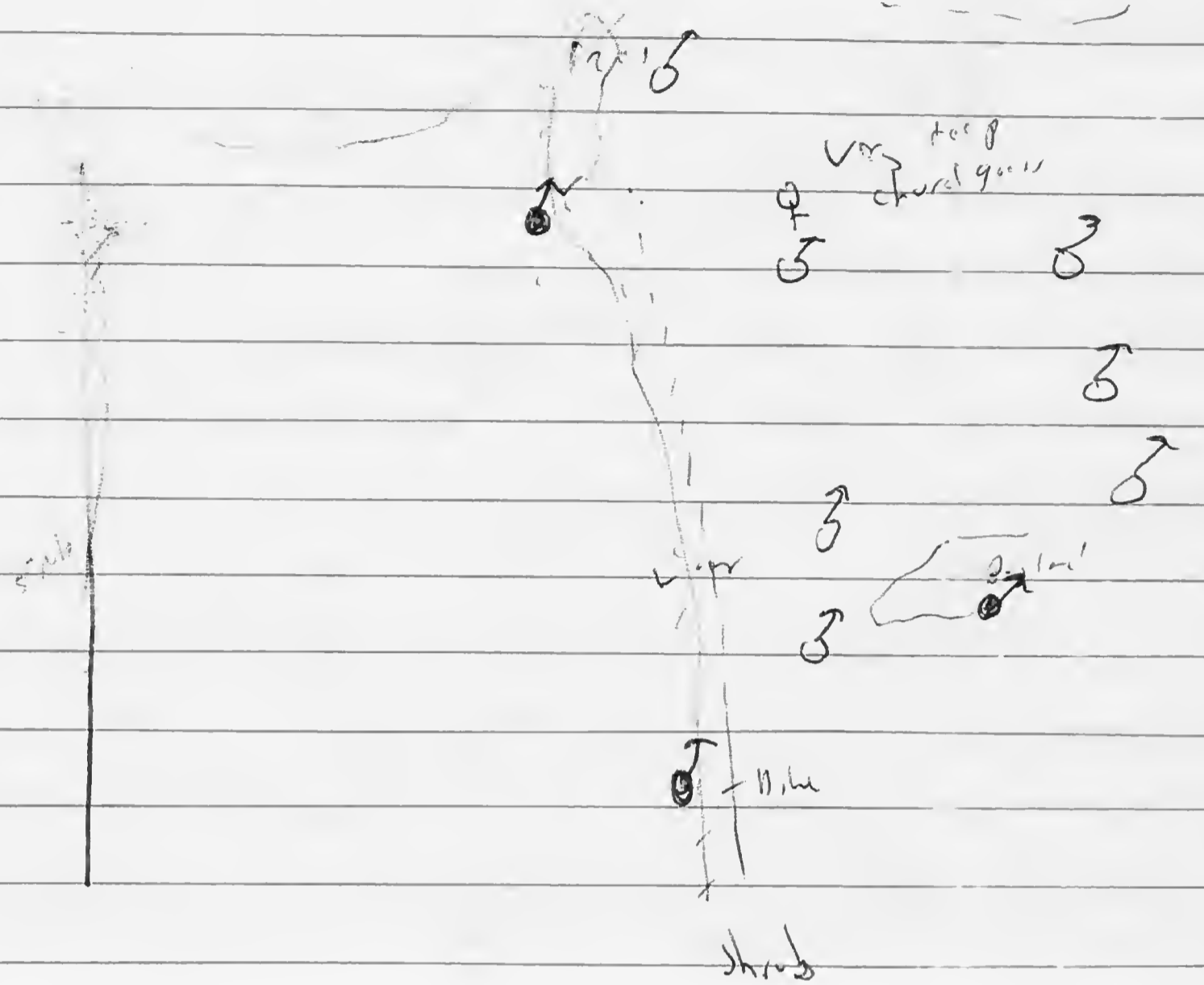


Song & song ♂ in some trees

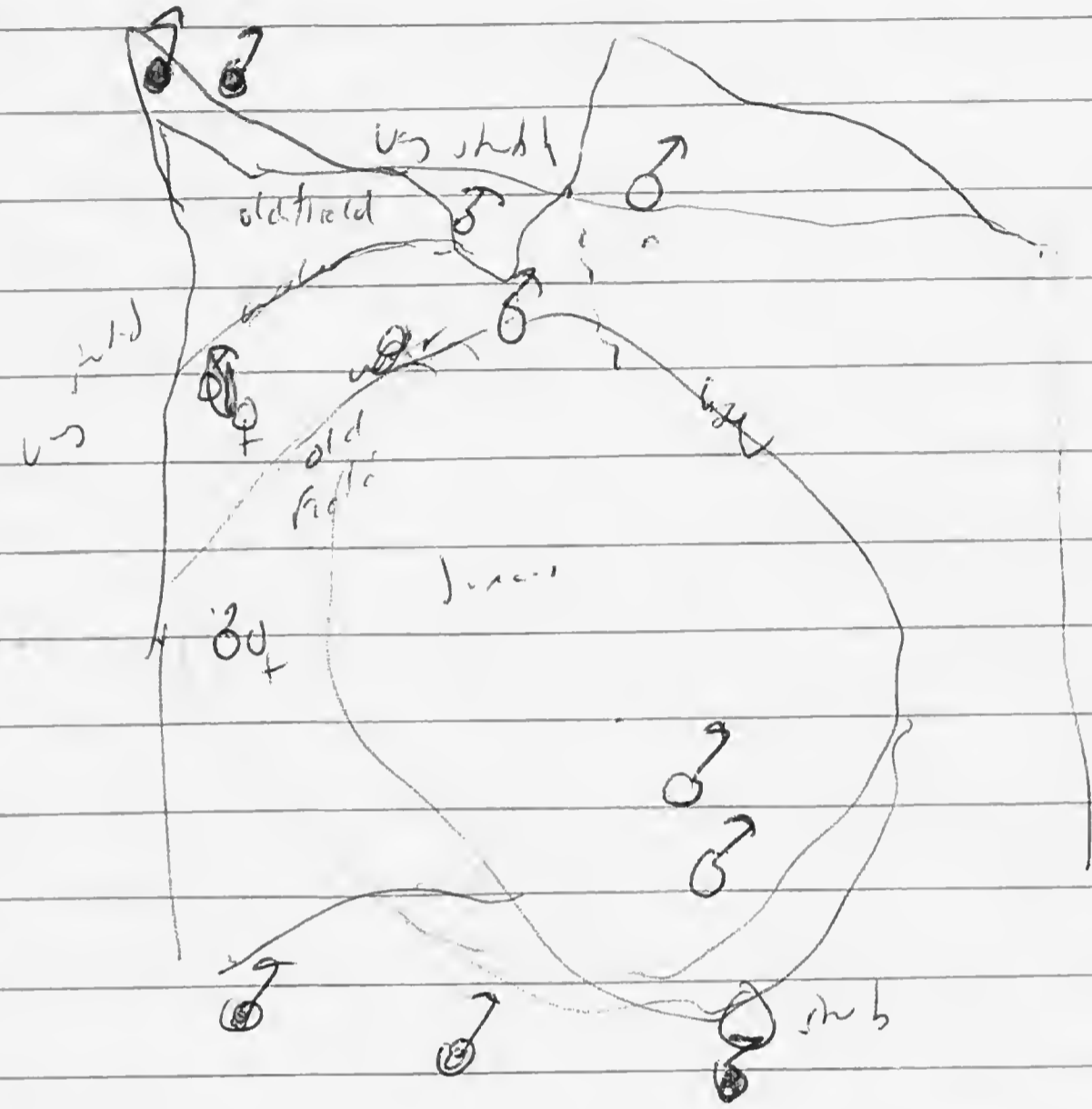
430



Brown

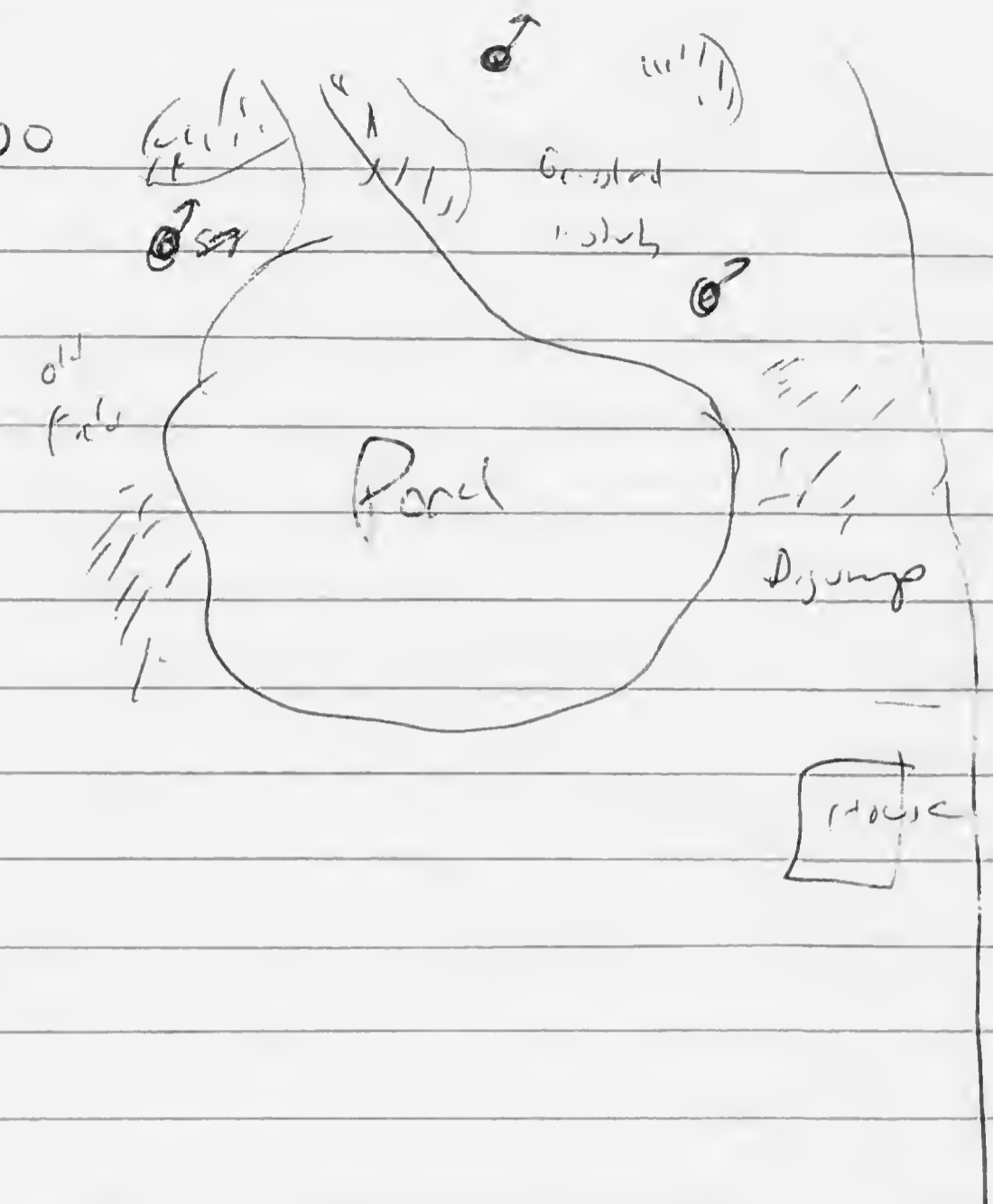


6/18

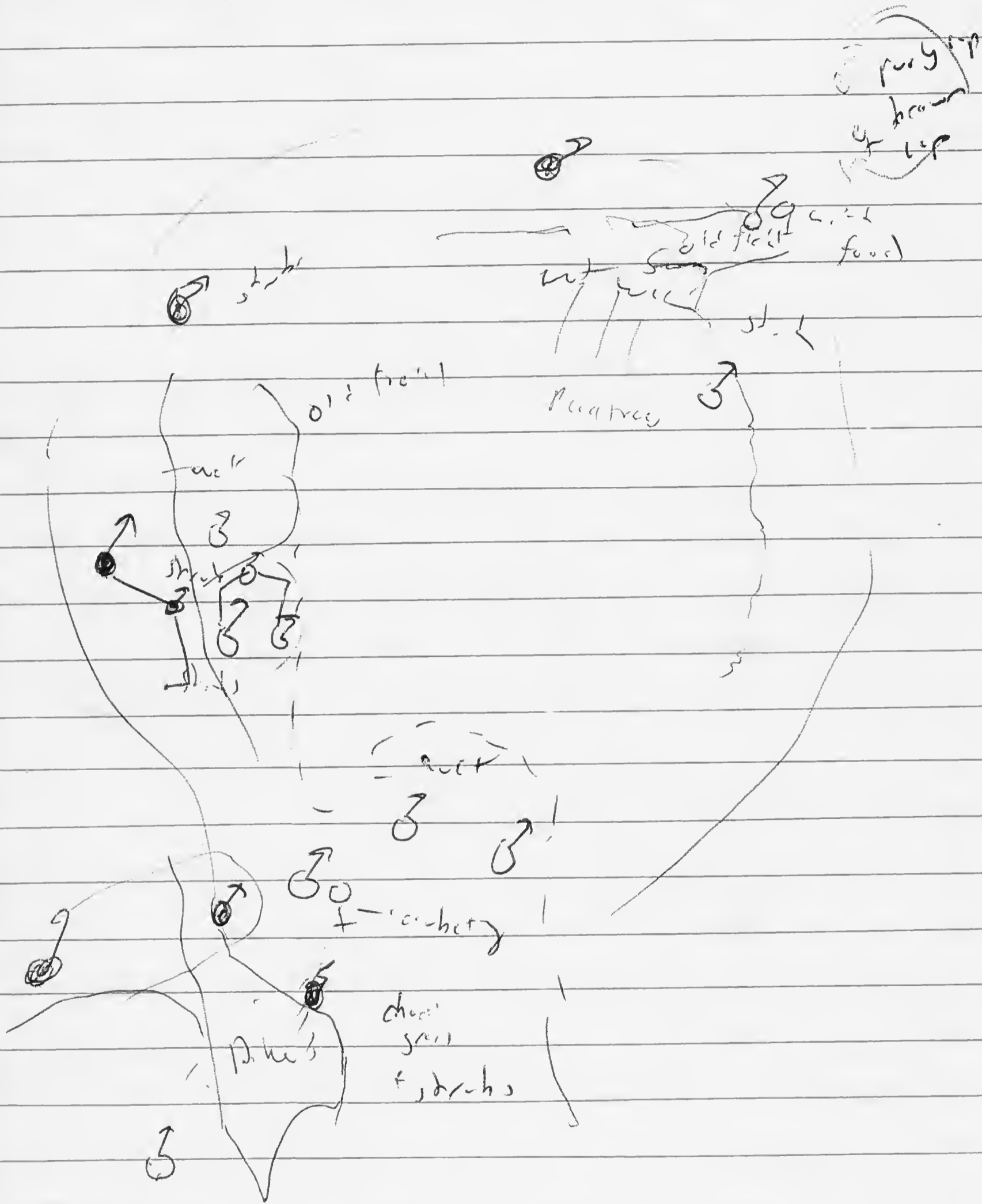


10-1100

1

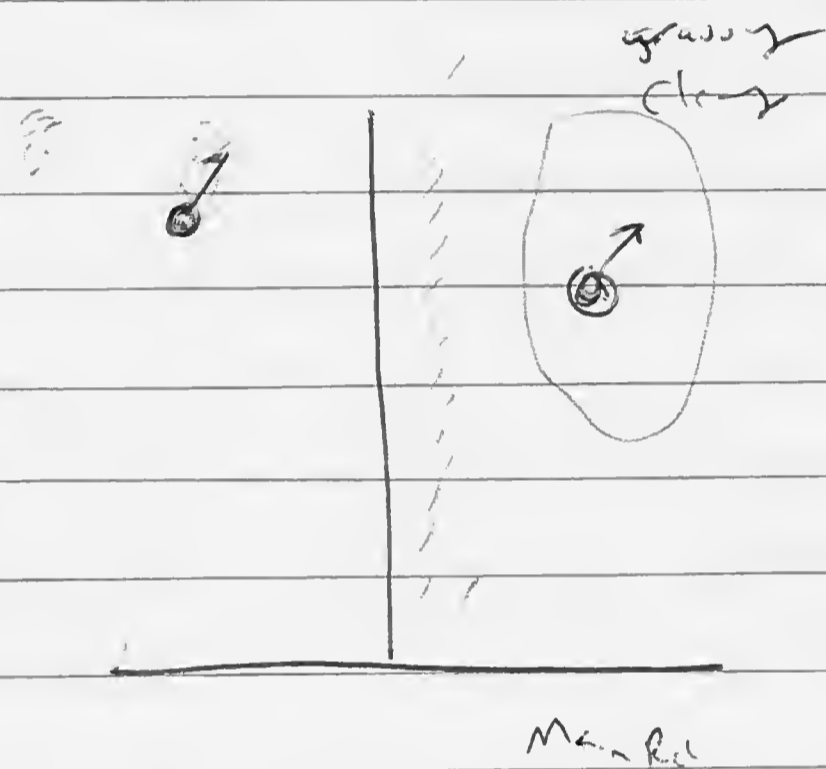


Old Beaver Lake



♀ Swamp
 carrying black-white tip-lid - brown eye
 ♂ long green grub - rusty tip

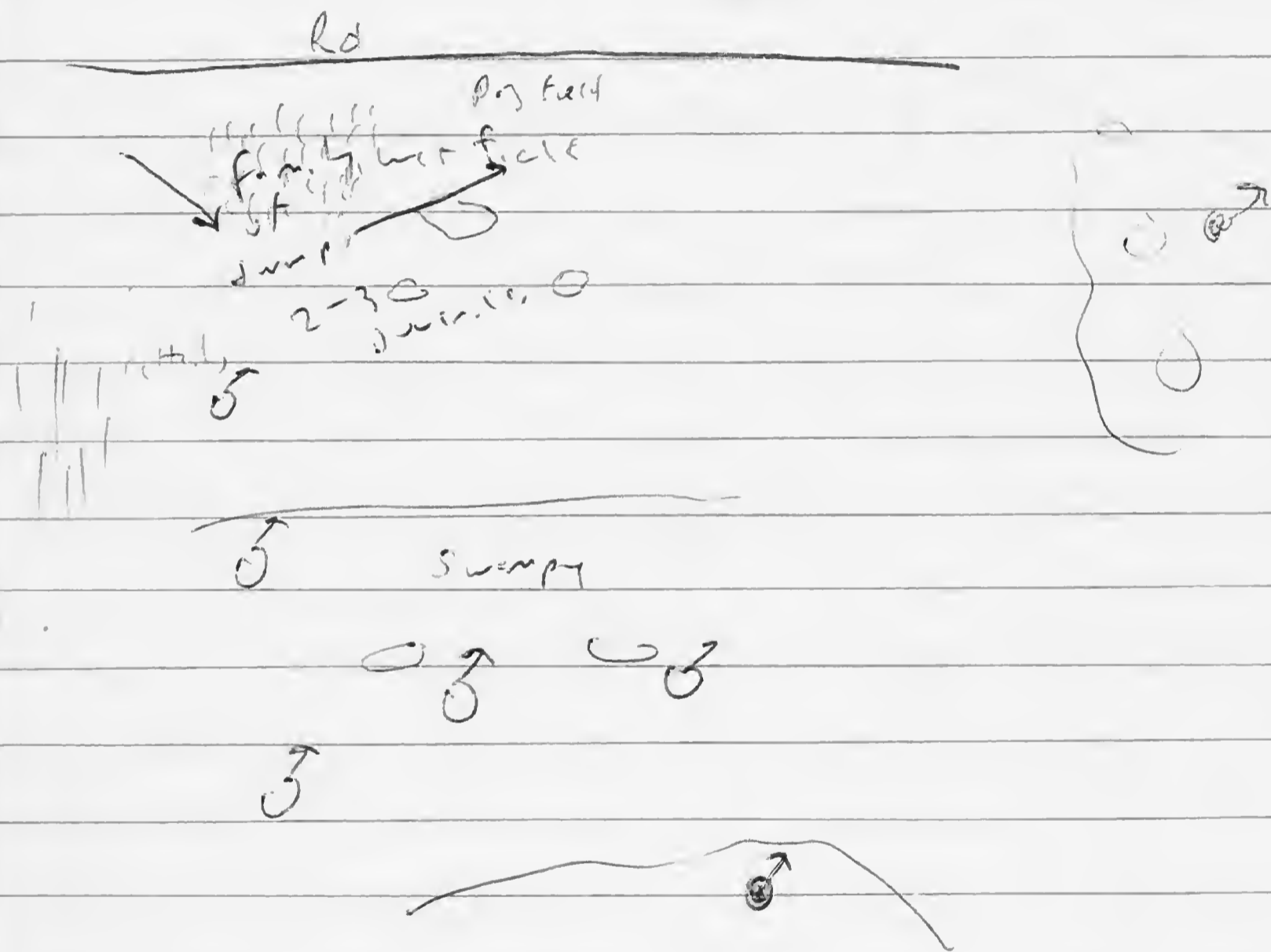
In like situation



June 18

Looked for Hooded Warbler nests
in the morning

Stopped off at Long ~~marsh~~ ^{swamp} area
near ferry's corner

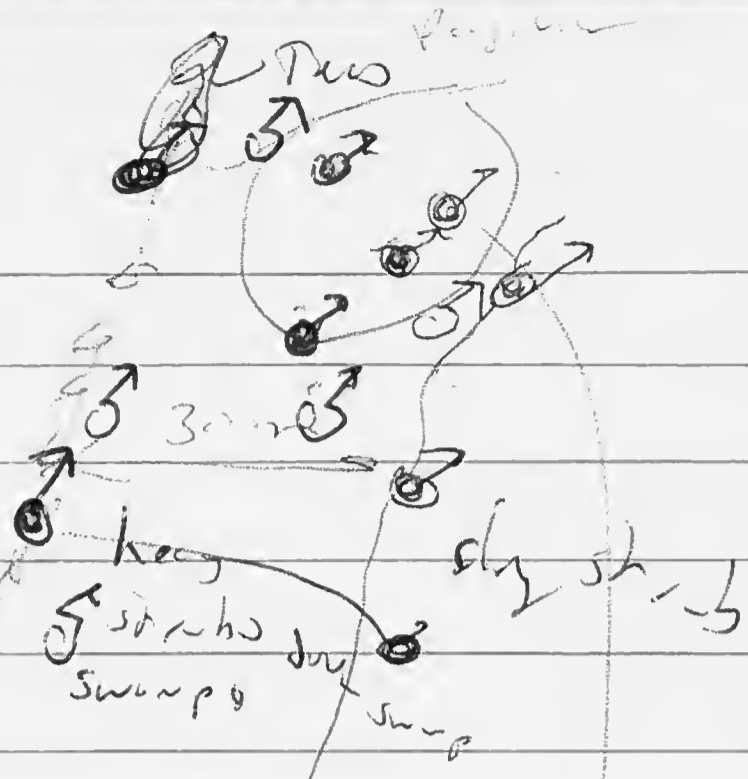


♀ was brown crowned

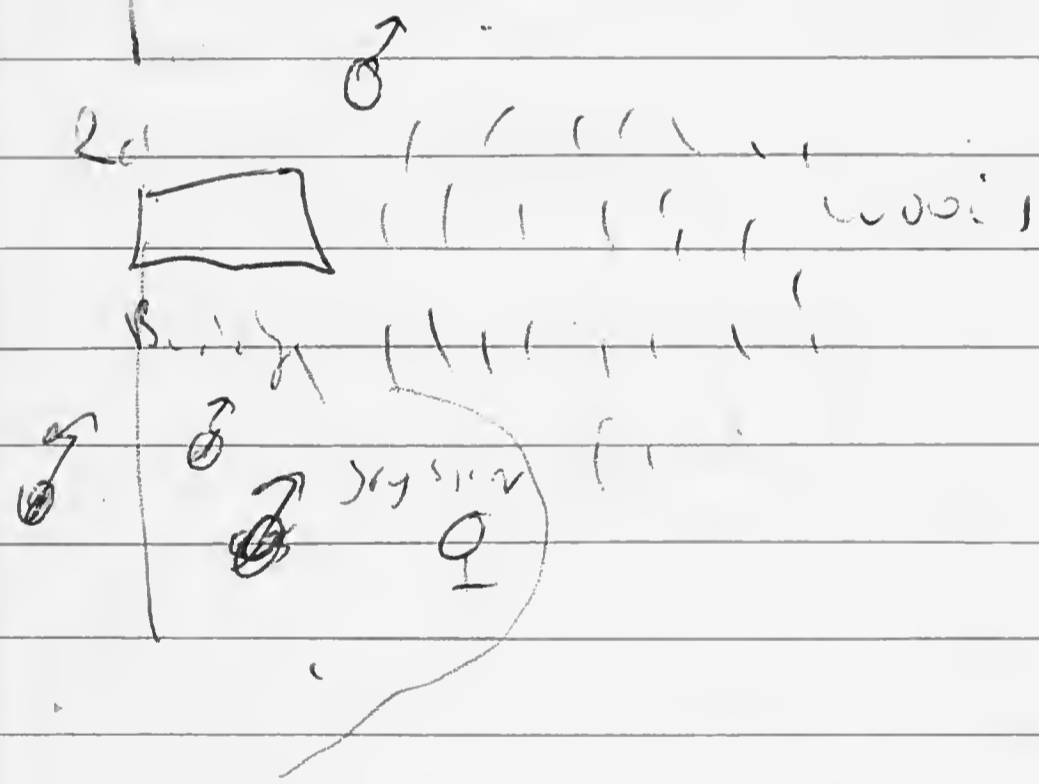
Pr. in	first	♂ Red	♀ brown
	Swamp	♂ Red	♀ brown

Pr. in Second Swamp

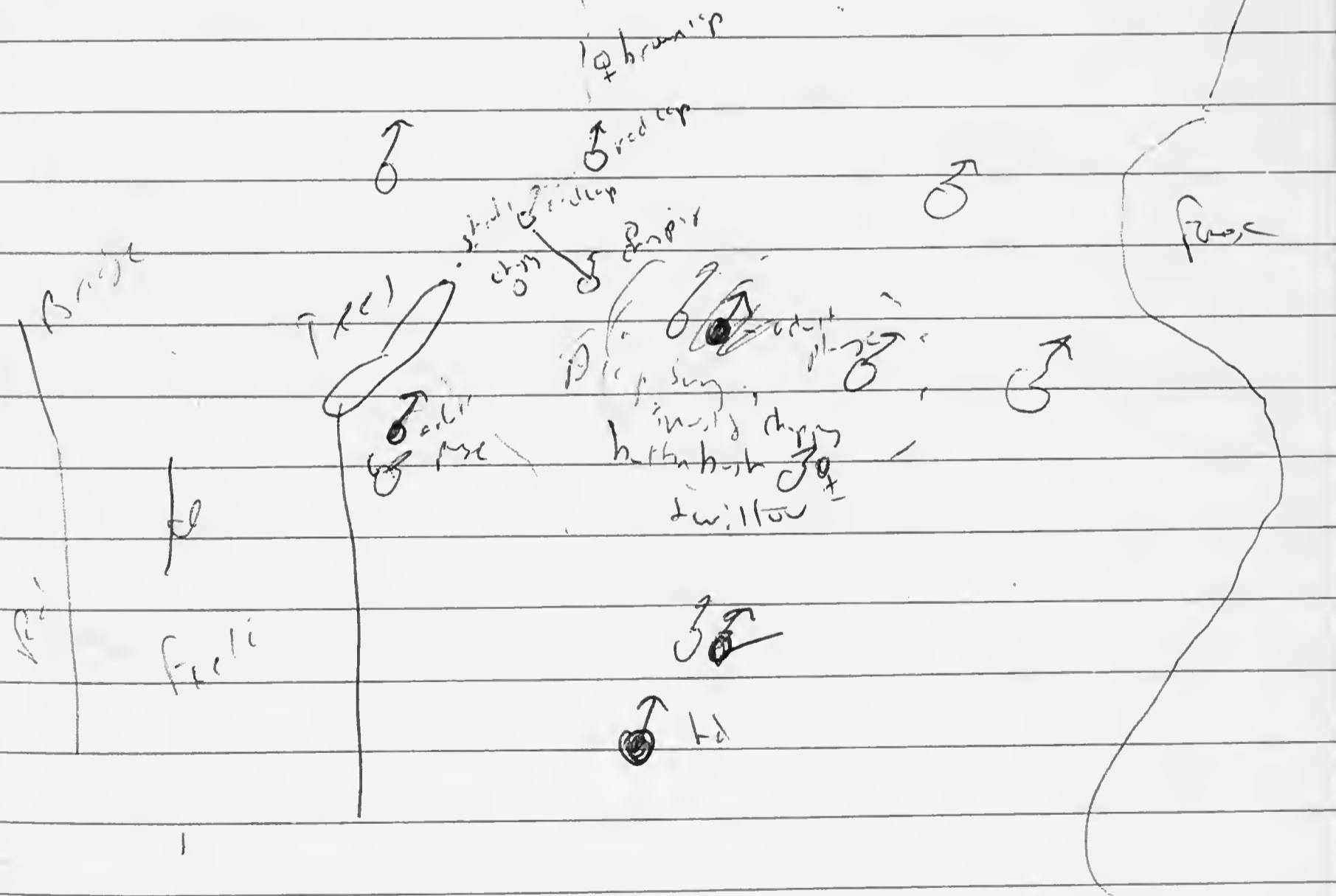
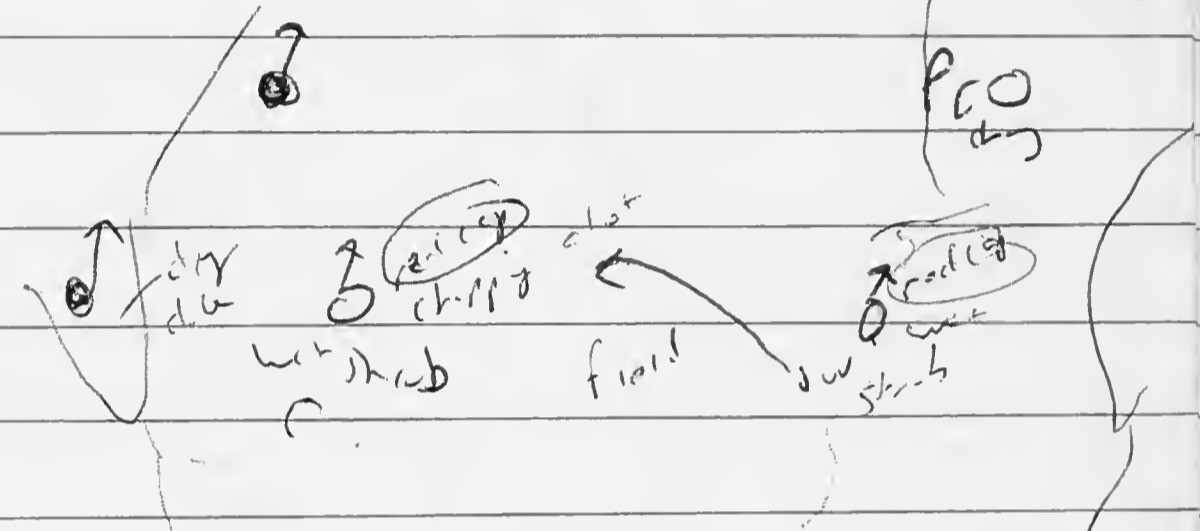
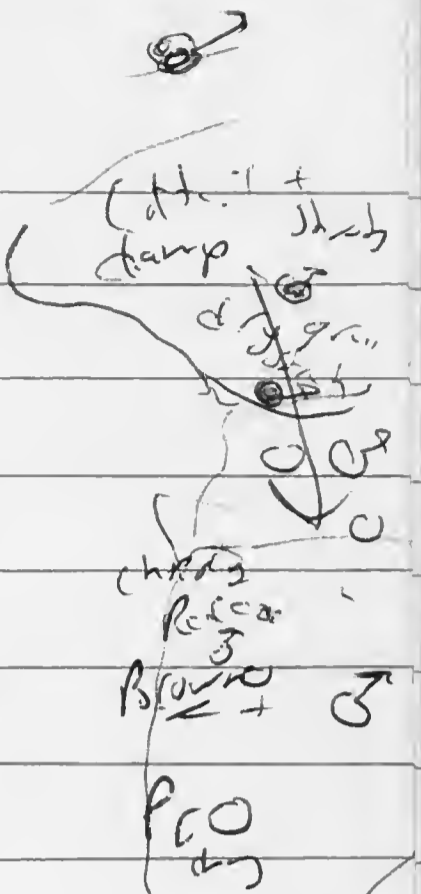
We walked on in field - the
Soil was silted but no study water -
we found a family group of
Swamp Sparrows - father is
the water was deeper ← we heard
several miles.



two main red winged
male swamps
+ an immature
plumed bird

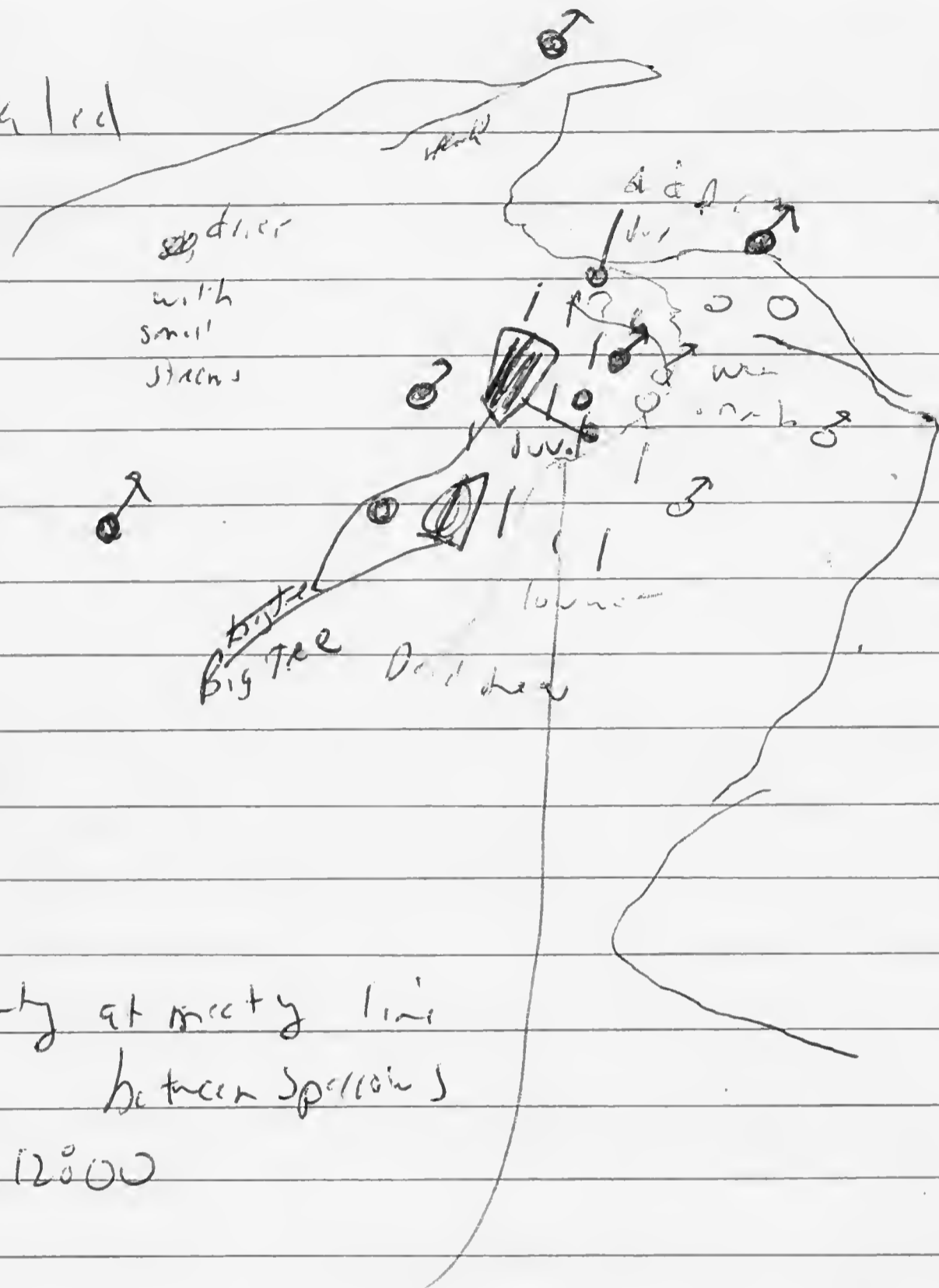


this field is
mostly wet with
small dry islands -
it ~~is~~ it looks
like
Swamp Sparrow-hawk



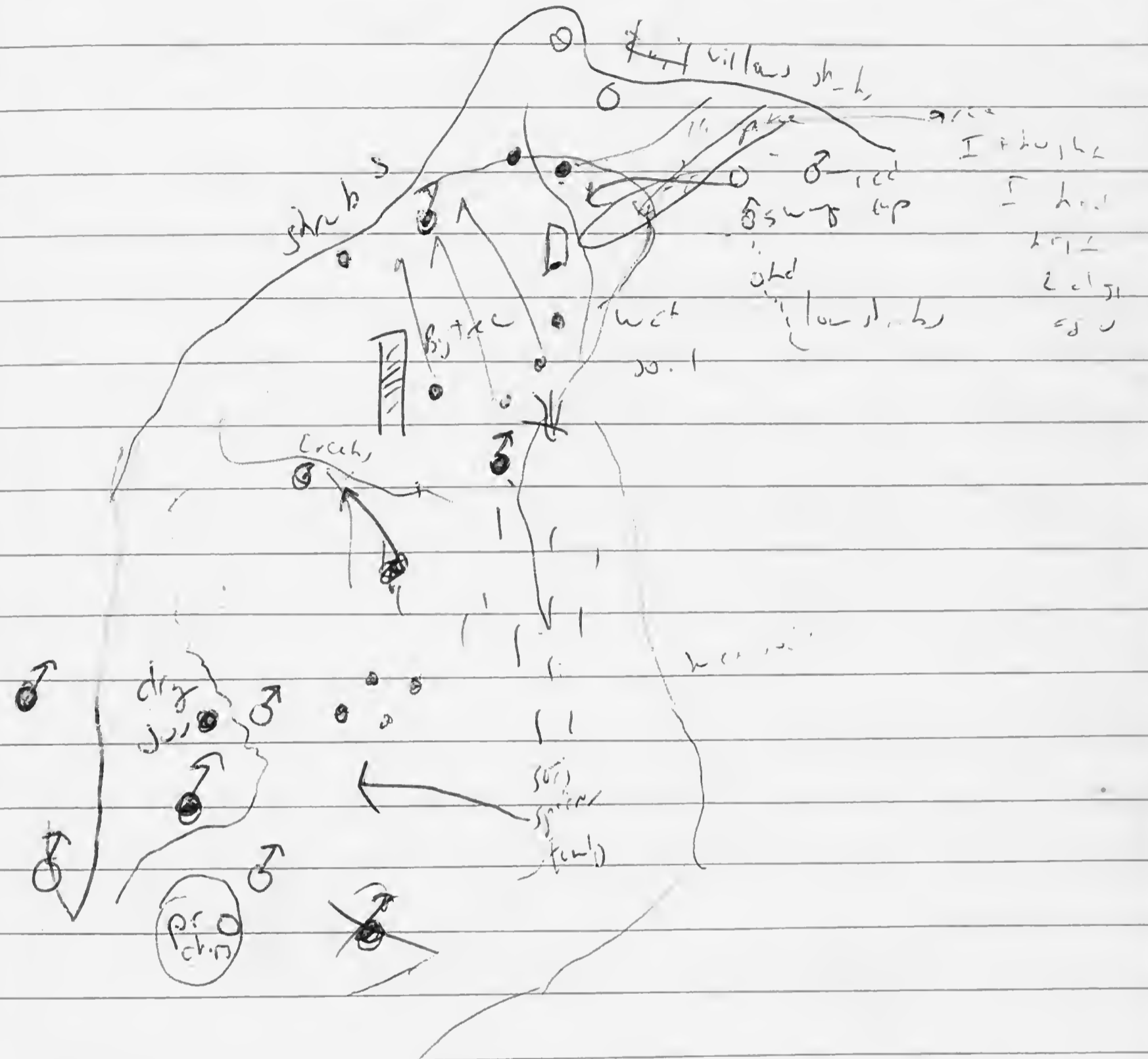
Continuation

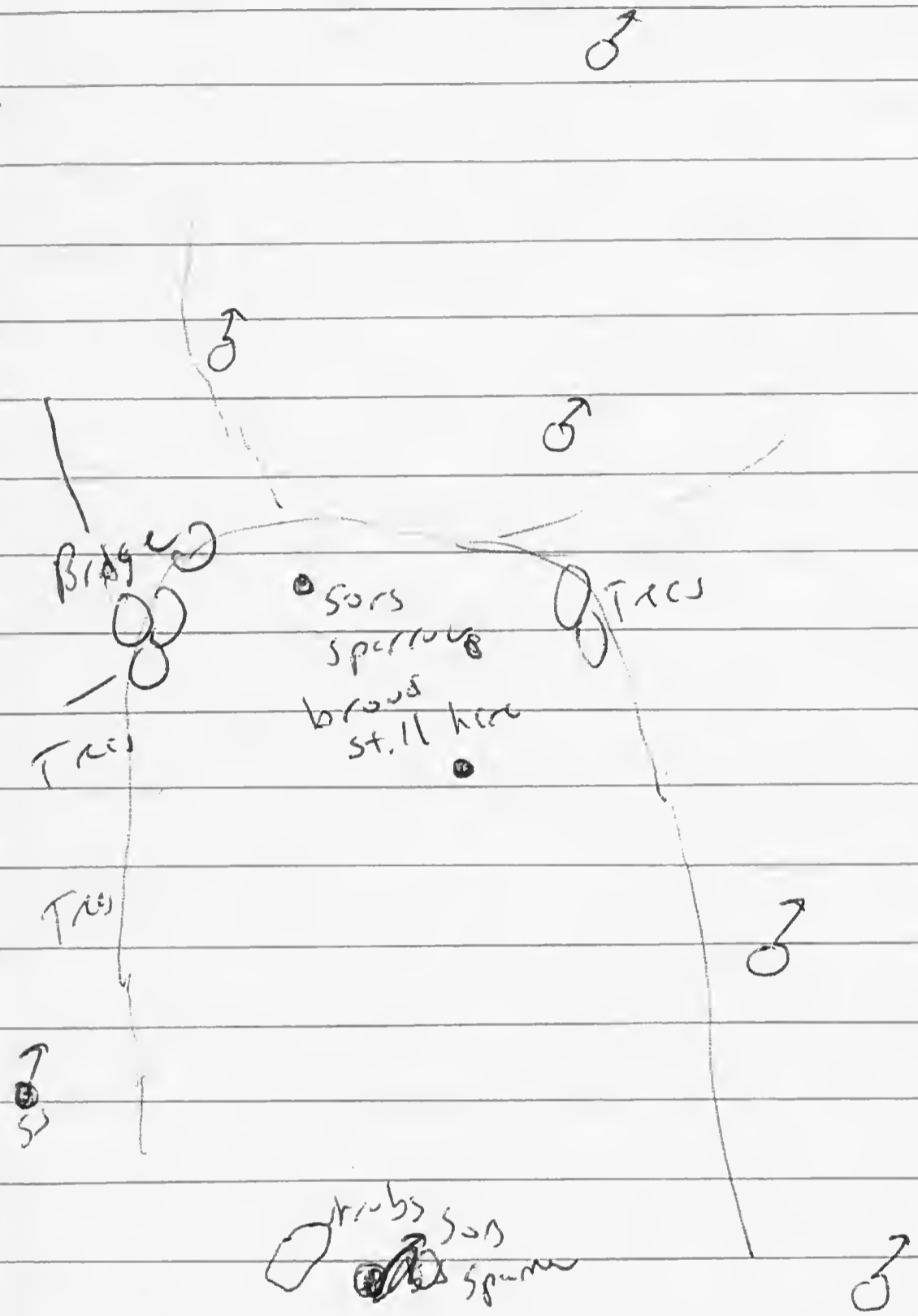
Detailed



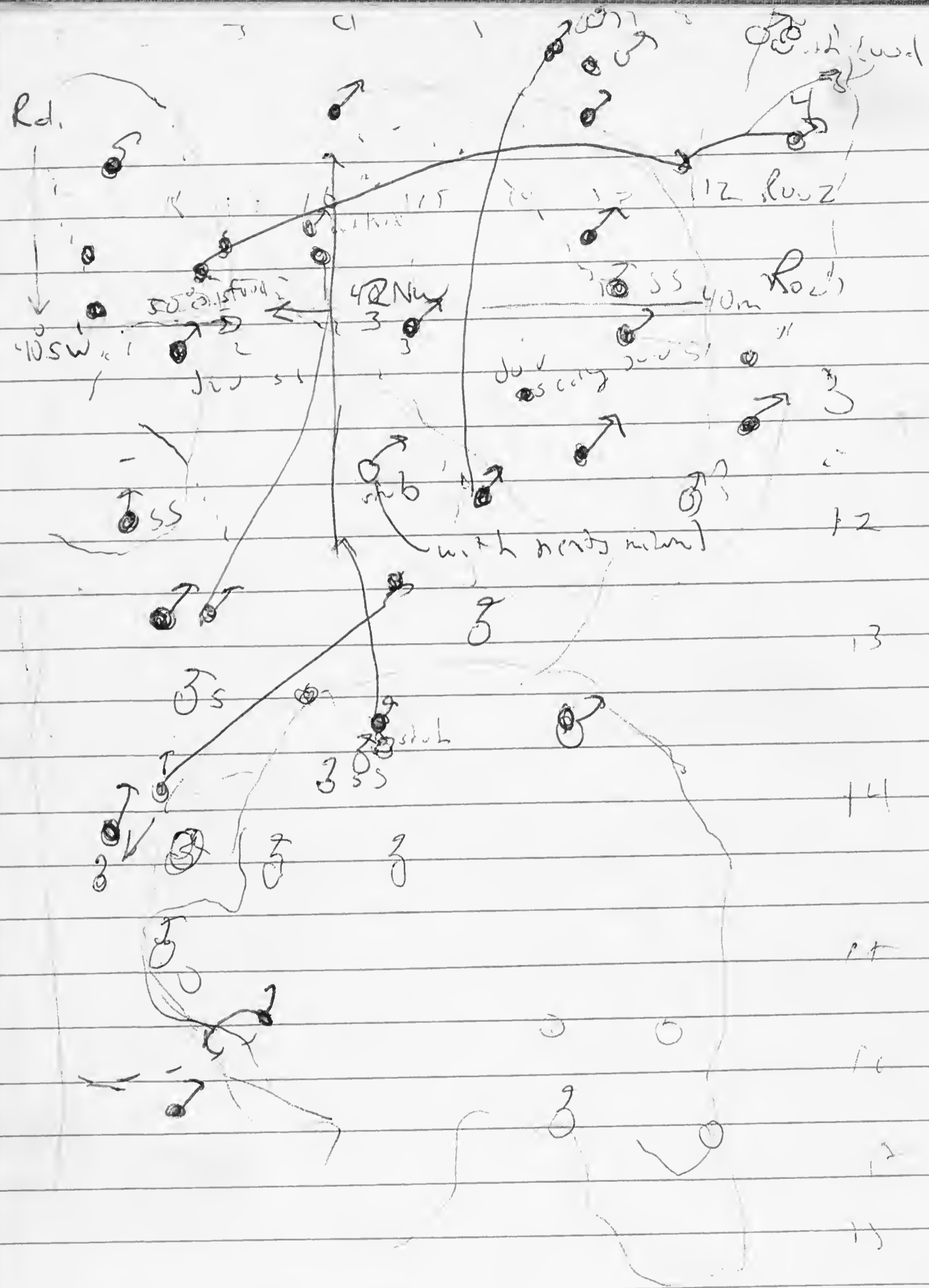
S.Hy at meety line
between species
12000

these juvenile
songs (4)
were at the
veg edge
of the
Seton Rd. 1





Song Sparrow nest predicted - collected the nest
 Song Sparrow nest with 4 young still



June 20

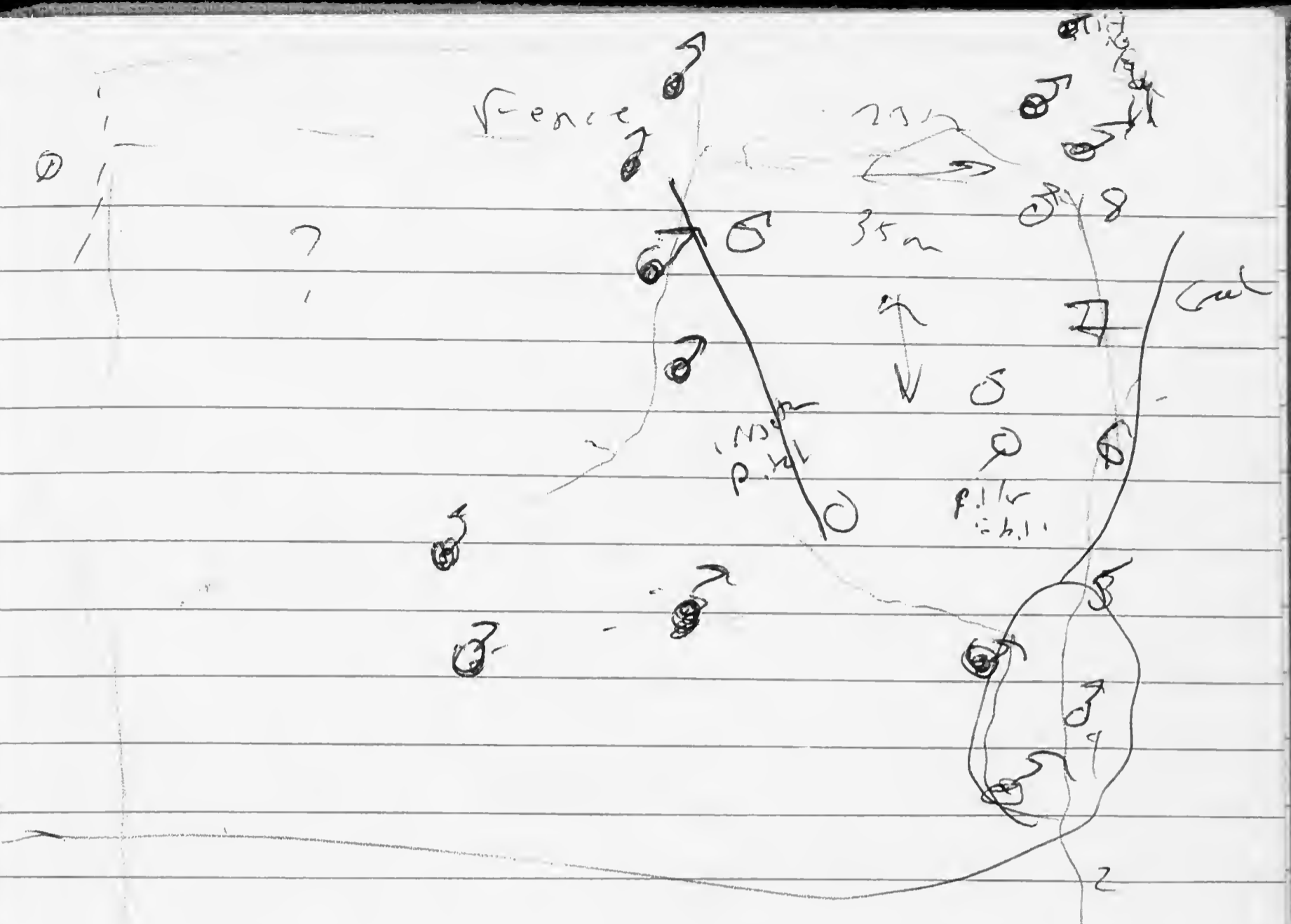
Vegetation Sampling

Row #	veg. type	shrub #	Height	Water Depth
1	Gross	2	1.3m	dry
2	Forb	1	1.5	dry
3	F	1	1.2	dry
4	F	0	1.2	dry
5	F	0	1.2	dry
6	Rush	0	1.2	dry
7	R+B	0	1.0	dry
8	F	0	1.8	dry
9	Grass	0	1.8	dry
10	Rush + Forb	0	1.5	dry
11	Grass	Alder tree	0.7	dry
12	Forb	3	2	dry
13	Grass	0	2	dry
14	R+B	0	2	dry
15	F	0	1.2	dry
16	F	0	2	dry
17	R+B	0	1.8	dry
18	F	1	1.4	dry
19	F	3	1.8	dry
20	F	2	1.9	dry
21	F	2	2	dry

3

sh/b = 1.5 - 3
 Tree → (X)

Row	No.	sh/b	Height	...
Row 3	31	F	2V	1.8 P
	32	F	0	0.4 P
	33	F	0	1.7 P
Row 4	34	G+R	1	1.2 P
	35	G+R	1	0.8 P
Row 5	36	G	0	1.2 P
	37	F	0	1.8 P
	38	R+F	1	0.9 P
	39	Birch	6 with vibration	0.9 stem 3rd jump
Row 6	40	Gross	Alder tree	0.5 S-trunk 1st jump
Row 7	41	G+R	0	2m 6
	42	R+F	0	1m P
	43	F	0	1.2 P
	44	R+F	0	1.0 P
	45	R+R	0	1m P
Row 8	46	F	4V	1m P
Row 9	47	F	2V	1.8m P
	48	F	0	1.5 P
	49	-	Blindling Thick	2.5 P
Row 10	51	Willow Tree	Bluegum	3m P
	52	F	0	1.2 P
	53	F	1V	1.2 P
	54	F	0	1.0 P
	55	R+F	0	1.0 P
	56	R	0	1.2 P



(+)

overlooked
or by someone

31	J	F	0	1.2	0
32	58	F	0	1.2	0
33				1.0	
39		FGR	0	1.5	S
60		F+G	1 BB	1m	D Sing
61		F+G	1 Alder tree	1m	S } Sing
62		RFG	1 Alder tree	1.4	S Sing
63		RFG	0	1.2	S Sing?
64		RFG	0	1.2	M Sing?
65		RFG	0	1m	D Sing Sing?
66		F	1 V	1m	D Sing
67		F	0	1.2m	D Sing
68		F+R	0	1m	D Sing
69		R+R	10.0	1.2m	D Sing
70		F+R	2 V	1.5	D Sing
71		F	5 V	1.5	D
72		Rd	0	1	D Sing
73		F	0	1.2m	D Sing
74		R	1 V	1m	D Sing
75		F+R	0	1.5	D Sing
76		F	0	1.0	D Sing
77		F	0	0.9	D Sing
78		F+R	1 Alder	0.9	D S
79		F+G	0	0.5	D Sing?

79		F+R	0	1.6	S Sing
80		F+R	1 V	1.5	S Sing
81		F+G	1 Alder	1.0	S Sing
82		F+G	2 Alder	0.8	S Sing
83		FL	4 Alder	0.7	S Sing
84		RGF	0	0.7	S Sing
85		RF	0	1.1	S Sing
86		R+R	0	0.7	S Sing
87		SFA	1 Alder	1.2	D Sing
88		F	0	1.84	D Sing
89		G+F	0	0.2	D Sing
90		G+F	0	0.4	D Sing
91		R+R	0	1.0	S Sing
92		RGF	0	1.91	S Sing
93		(w, off) FR	0	1.4	D Sing
94		F	0	1.5	D Sing
95		R+R	1 Alder	1.0	D Sing
96		F+G	1 Alder	0.8	D Sing
97		FG	1 BB	1.2	D Sing
98		F	0	1.2	D
99		FGR	0	1	D Sing
100		ROR	0	1.2	D Sing
101		FGR	2 V	1.0	D Sing
102		FG	0	0.2	D Sing
103		FG	0	1m	D S
104		FR	0	0.5	D Sing



120	citrus R-G	200 0	2m	S	Swamp
121	R-G (cit.)	0	2m	1/2"	
122	Mint-R-G	0	1.5m	1/2"	Swamp
123	FR	0	1m	S	Swamp
124	RGF	0	1.5m	S	Swamp
127	Grass	3 Alder	1m	S	Swamp
126	Grass Fern, Misch plant	2 Alder tree	1m	S	Swamp
<hr/> row 10					
127	Grass Fern	1w. Alder	0.8m	S	Swamp
128	G, R, F	0	1m	S	Swamp
129	R, G, Mint	1 Verbena	1.2m	S	Swamp
130	R, G, Mint	Verbena	1m	S	Swamp
131	Citrus, R, Ferns	0	2m	S	Swamp
132	GRF	0	1.5m	S	Swamp
133	G	0	0.3	D	Swamp
134	F	0	1.2	D	Swamp
135	GF	0	0.6	D	Swamp
136	F	IV	1m	D	Swamp 3
137	F	1 B.D.	0.6	D	Swamp 3
138	F + Ferns	0	1m	D	Swamp
139	F	0	1.8m	D	Swamp
<hr/> row 11					
140	R + Ferns	0	1m	D	Swamp
141	R + Ferns	IV	0.8m	D	Swamp
142	R + F	0	1m	D	Swamp 3
143	G + F	0	0.5m	D	Swamp
144	C, -	0	0.2	D	Swamp 2
145	G + F	0	0.2	D	Swamp 3

146	F	IV	1m	M	Swamp
141	Cit/F	1.4m	2m	S	Swamp
142	RF	0	1m	S	Swamp
143	RF	0	1m	S	Swamp
144	RF	0	1m	S	Swamp
	RF 6?	0	1m	S	Swamp?
<hr/> Row not complete see Sig Spruce list here					
145	G + F	0	1m	D	Swamp 2
146	F	0	0.8m	D	Swamp 2
147	F	2V	1m	D	Swamp 2
148	F + R	0	1m	M	Swamp 2
149	F	0	1m	M	Swamp 2
150	RF	LV	1m	D	Swamp
151	RGF	0	1m	D	Swamp 1
152	FR	0	1m	D	Swamp
153	F	0	1m	D	Swamp
154	F willow thicket			D	Swamp 1
<hr/> row 155					
155	Verbena + Ferns			D	Swamp
156	F	0	1.5m	D	Swamp 1
157	G	0	0.8	D	Swamp
158	GF	0	0.8	D	Swamp
159	GF	0	1m	D	Swamp 1
160	FGR	0	1.2	D	Swamp 2
161	FGR	IV	0.8	D	Swamp
162	F	2V	1.8	D	Swamp 2
163	FB	0	0.4	D	Swamp 2
164	FB	2V	1.2	D	Swamp
<hr/> row 165					

(X)

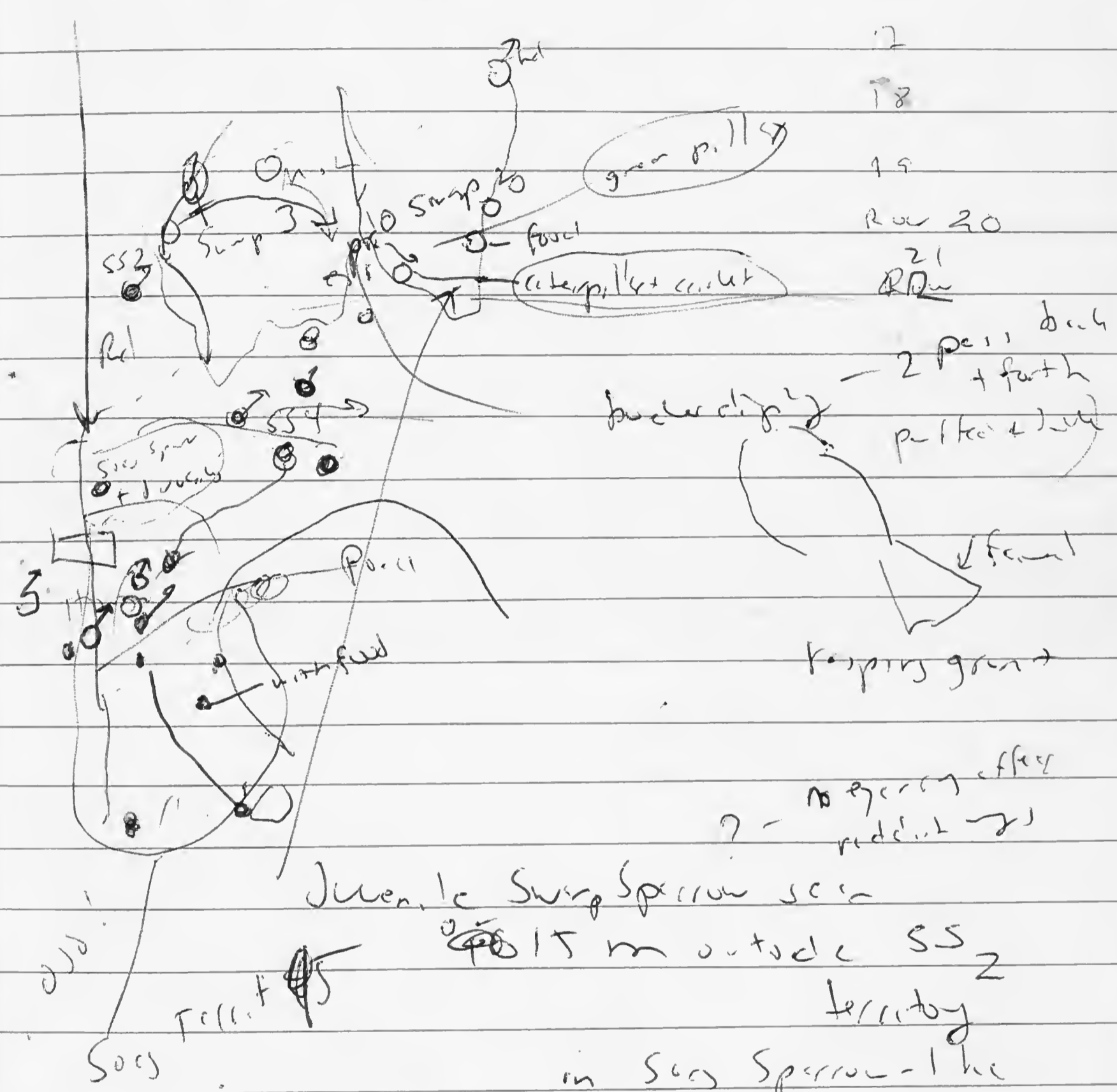
Row 14/65	F	1m	IV	D	S ₂ 2
166	F	1.2m	0	D	S ₂ 2
162	F	1.8	0	D	S ₂ 2
168	F6R	1.2m	0	D	S ₂ 2
169	FR	0.8	0	D	S ₂ 2
170	FR	0.5	0	D	S ₂ 2
171	F	0.5	0	D	S ₂ 1
172	RF	0.5	0	D	S ₂ 1
173	F	1.0	0	D	S ₂ 2
174	F	3V	3V	D	S ₂ 2
Row 175	viburnum shrub		0	S	S ₂ 2
176	RF	1.2m	IV	S	S ₂ 2
177	GR	0.3	0	S	S ₂ 2
178	GF	0.3	0	M	S ₂ 2
179	GRF	0.4	0	M	S ₂ 2
180	RF	0.5	0	M	S ₂ 2
181	RF	0.8	0	D	S ₂ 2
182	RF	1.4	0	D	S ₂ 2
183	FR	0.8	IV	D	S ₂ 2
184	F	0.6	0	D	S ₂ 2
185	F	1.0	0	D	S ₂ 2
186	RF	1.2m	IV	D	S ₂ 2
Row 185					
158	F	0.8	IV+?	D	S ₂ 2
	F6	0.4	2V	D	
159	F	1.0	IV	D	S ₂ 2

160	R	0.8	0	S	S ₂ 3
161	RMints	1.8	0	S	S ₂ 2
162	R-F	0.8	0	S	S ₂ 3
163	R ^{mint}	1.2	0	S	S ₂ 2
164	R-F6	0.8	0	S	S ₂ 2
165	R-F	1.2	0	S	S ₂ 2
166	RMints	1.2	0	S	S ₂ 2
167	F	2m	0	M	S ₂ 2
168	Verbena shrub				
Row 17 ¹⁶⁹	FG	1m	φ ^{ped}	M	S ₂ 2
170	RF	1.5	0	S	S ₂ 2
171	R	1.5	0	1"	S ₂ 2
172	R	2m	0	2"	S ₂ 2
173	RF	1.1m	0	0.5	S ₂ 2
174	RF	1.5	0	0.5	S ₂ 2
175	RF	2m	0	S	S ₂ 2
176	GF	0.8	1 chng	D	S ₂ 2
177	GF	0.5m	1 v ^{dec}	D	S ₂ 2
178	F	0.8	2v ^{chill}	D	S ₂ 2
Row 18					
180	R	1.8	IV	M	S ₂ 2
181	R-6 ^{mint}	0.5	0	S	S ₂ 2
182	RF	1m	1. Adir	M	S ₂ 2
183	GF	0.3	1 Ped	1"	S ₂ 2
184	RF	1.5	0	1"	S ₂ 2
185	FR (H.H.)	2.	0	3"	S ₂ 2
186	RF	1.5	0	3"	S ₂ 2

(7)

182	R	2m	0	4"	Swp 2
185	RF	1.2	0	4"	Swp 2
186	RF	0.0	0	5	Swp 2
187	F	2m	2V	AM	Swp 2
vacuum-billed					
Row 19	189	FG	1.4	1V	0m
	190	RF	1.5	0	S Swp 2
	191	R	1.2	1R	S "
	192	RF	1.2	1R	1" "
	193	RF	1.2	0	3" Swp 2
	194	R	2	0	4" Swp 3
	195	R	1.4	0	3" Swp 3
	196	R	2	0	1/2 Swp 3
	197	FG	2	0	D Swp 3
Row 18	198	RG	1.6	0	S Swamp 3
	199	R	2	3 willow	3" Swamp 3
Row 20	200	R	2.0	0	S Swamp 3
	209	F	1.8	0	D Swamp 3
	210	F	1.5	0	D Swamp 3
	211	FR	1.8	0	2" Swamp 3
	212	FR	0.6	0	4" Swamp 3
	213	F	1.2	2	D Swamp 3
	214	FR	1.8	0	S Swamp 3
	215	R	1.8	0	S Swamp 3
	216	F	1.2	0	M Swamp 3
	217	F	1.8	0	M Swamp 3
	218	F	1.2	3-4	? Swamp 3

June 30



12
18
19
Row 20
21
2 pers back + forth pulled + held
keeping ground
? - no green after reddish
Juvenile Swamp Sparrow seen 15 m outside SS2 territory in Swamp Sparrow-like habitat but at edge of Swamp Sparrow

(x)

Row 2121	F	1.8	1 willow	M	Surg 3
2221	F	1.5	Furber's	M	Surg 2
213	F	2.0	1 willow	M	Surg 2
214	G	0.6	1 P. wood	1	Surg 2
215	G	1.0	2 willow	3	Surg B
216	G	0.6	4 willow	4"	Surg 3
217	F	0.2	1 V	4"	Surg 3
218	F	0.6	0	D	Surg 4
219	R	0.6	0	D	Surg 4
220	FG	1.8	1 willow	D	Surg 1
221	FG	0.2	0	D	Surg 1
222	FG	0.2	0	D	Surg 1

Row 22

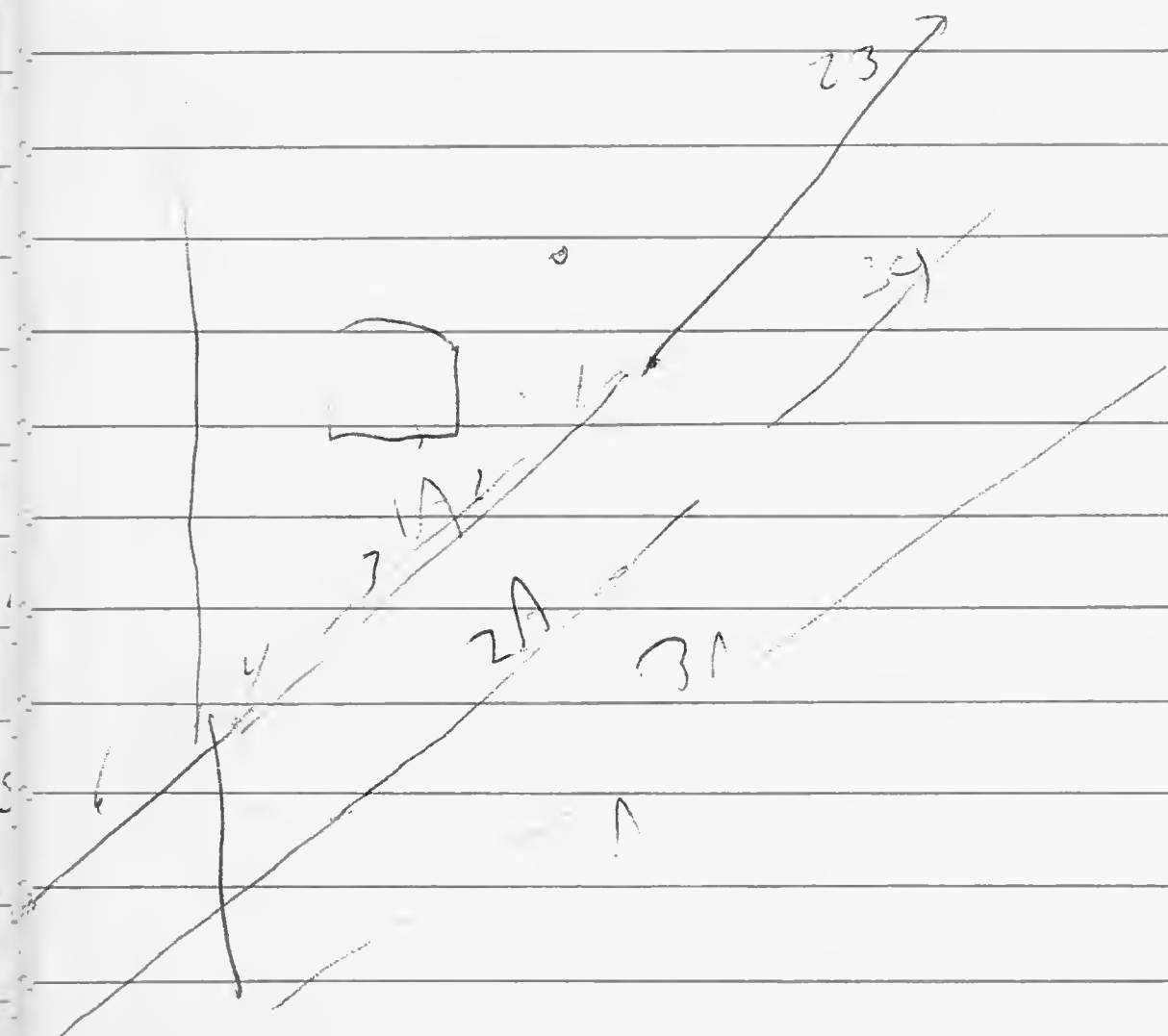
223	FG	0.2	0	D	Surg 1
224	G	0.5	0	D	Surg 1
225	G	0.6	0	D	Surg 1
226	G	1.2	0	D	Surg 1
227	F	1.5	2 elder	D	Surg 1
228	F	1.2	0	D	Surg 3
229	RF	1.9	0	S	Surg 3
230	RF	0.6	3 willow	4"	Surg 3
231	G	0.6	3 willow	S	Surg 3
232	F	0.3	4 willow	S	Surg 2
233	F	1.2	4 willow	S	Surg 2
234	F	1.3	4 willow	M	Surg 2
235	F	1.8	0	M	Surg 3

veg nest 3.12

238	RG	1.0	1 willow	S	Surg 2
returning to row where it was					
239	GF	1.0	1 willow	S	Surg 3
240	G	1.0	V	6	Surg 3?
241	F	1.3	1 P. wood	D	Surg 4
242	GR	0.6	0	D	Surg 4
243	G	0.8	0	D	Surg 4
244	G	0.2	0	D	Surg 4
245	G	0.3	0	D	Surg 4
246	GF	0.2	0	D	Surg 1
247	F	1.2	0	D	Surg 1
248	F	0.8	1 V	D	Surg 1
249	G	0.8	0	D	Surg 1
250	G	0.8	0	D	Surg 1
251	G	0.8	0	D	Surg 1
252	RG	0.3	0	D	Surg 1
253	F	1.4	1 elder	D	Surg 1
254	GF	0.4	0	D	Surg 1
255	GF	0.5	0	D	Surg 1
256	G	0.2	0	D	Surg 4
257	G	0.6	0	D	Surg 4
258	G	0.3	0	D	Surg 1
259	G	0.3	0	D	Surg 1

Near rows study at house row 27

↑ going towards rd

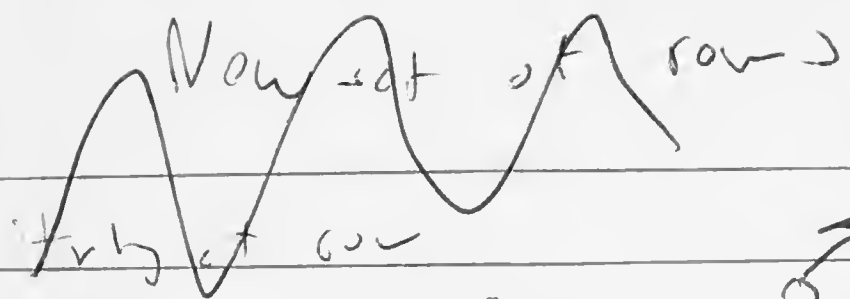


1A	RF	1.8	0	D	Song 5 ✓
1A2	F	1.2	0	D	Song 5 ✓
3	FB	0.6	1 edge	D	Song 5 ✓
4	FB	0.4	0	D	Song 5 ✓
5	G	1.6	3 E 1/2	D	Song + Sup ✓
6	RF	1.2	6 2 D 1/2	M	Song 5 Sup ✓
7		1.1	"	"	"
8	F	1.3	0	D	(Song + Sup) ✓
M, no extra this later					
9		1.0	B 1/2	D	Song 5 ✓
10	F	1.2	4 D 1/2	D	Song 5 ✓
"	GRF	0.2	0	M	Song 5 ✓
12	GRF	0.3	1 D 1/2	D	Song 5 ✓

+

13	BR	0.8	0	D	Song 5 ✓
14	RF	0.4	0	D	Song 5 ✓
15	G	0.2	0	D	Song 5 ✓
3A 16	G	0.3	0	D	Song 5 ✓
17	RF	0.6	0	D	Song 5 ✓
18	RF	0.3	1 P 1/2	D	Song 5 ✓
19	R	0.5	1 R 1/2	D	Song 5 ✓
20	RF	1.2	0	D	Song 5 ✓
21	M 1/2	1.1	0	M	Song 5 ✓
22	RF	0.6	0	D	Song 5 ✓
23	Dense Dry wood + scrub			P	1.1

4A 25	Dense thicket				
26	R	1.8	0	D	Song 5 ✓
27	Sup 1/2	1.2	0	D	Song 5 ✓
28	GF	0.2	0	D	Song 5 ✓
29	G	0.9	0	D	Song 5 ✓
30	GF	0.5	0	D	Song 5 ✓
3A 31	FR	0.5	0	D	Song 5 ✓
32	FB	0.8	0	D	Song 5 ✓
33	RF	0.8	0	D	Song 5 ✓
34	RF	0.3	0	D	Song 5 ✓
35	R	1.1	0	D	Song 5 ✓
36	R	2	0	D	Song 5 ✓
37	FR	0.8	0	D	Song 5 ✓



The Sharp Sparrow are \rightarrow
beyond \rightarrow

heard - First I saw
them \rightarrow in the bush

heard - 2nd - I had \rightarrow
on left + heard side of
road beyond pond where I didn't see

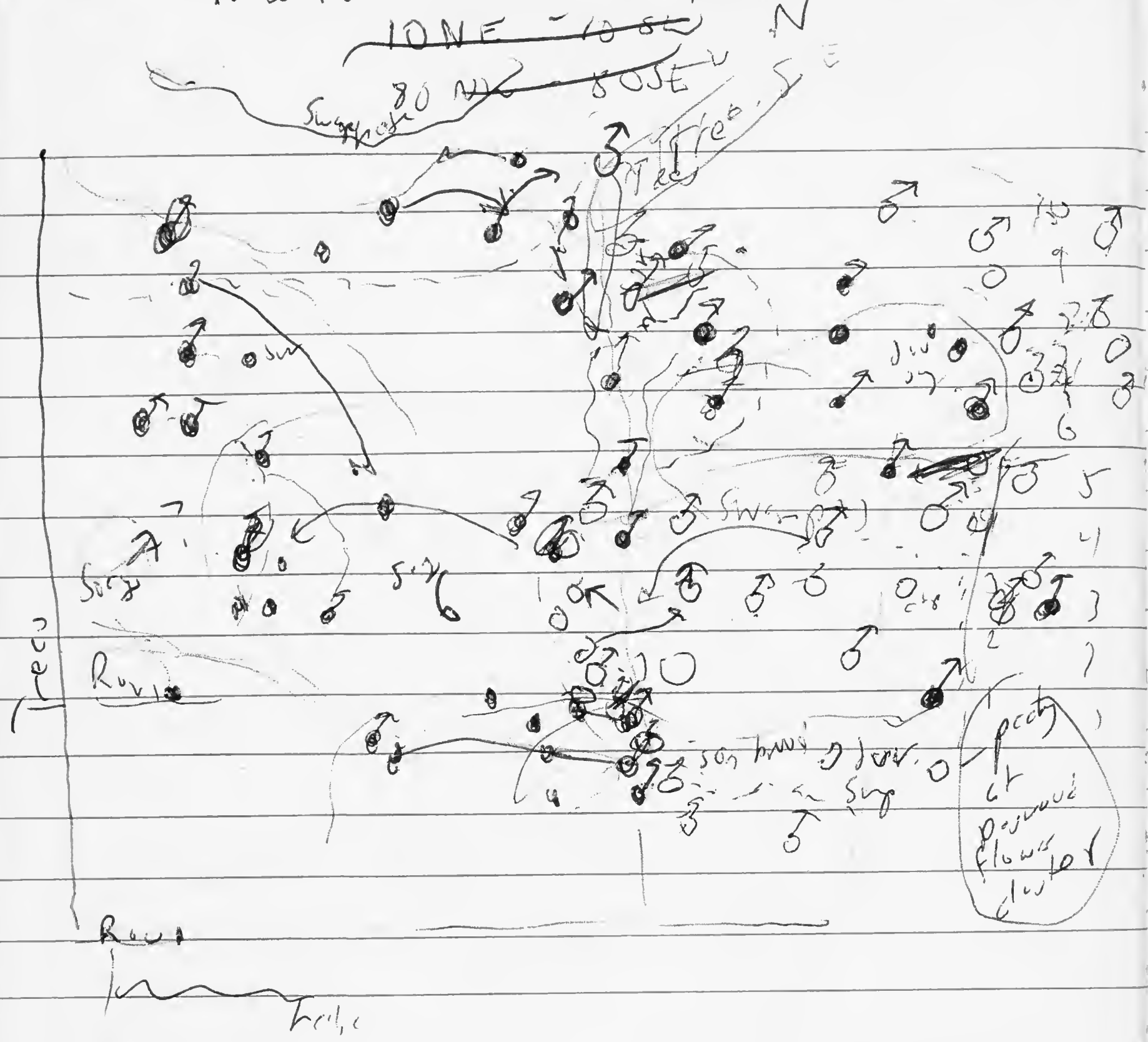
any - I think its the
same \rightarrow very large area!

might its unsuccessful or lost its
mate

(7)

SA	38	F6	0.2	0	D	Sgt
	39	FL	0.2	0	D	Sgt
		Rd				
6A	40	F6	0.5	0	D	Sgt
	41	F6	0.6	1 tree	D	Sgt
	42	Brown \rightarrow / Sgt	0.5	0	D	Sgt
	43	Sgt	0.5	0	D	Sgt
	44	Bgt	1.5	0	D	Sgt
	45	B + \rightarrow	1.2	0	D	Sgt
	46	Sgt	0.4	0	D	Sgt
9A	47	Sgt	0.4	0	D	Sgt
	48	GS	0.6	0	D	Sgt
	49	GS	0.5	0	D	Sgt
	50	Bgt	0.3	0	D	Sgt
	51	RF	0.6	0	D	Sgt
	52	RF	0.5	0	D	Sgt

New Field + New Grid system



Song Sparrow nearby
in typical Song
Sparrow habitat

(X)

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

(X)

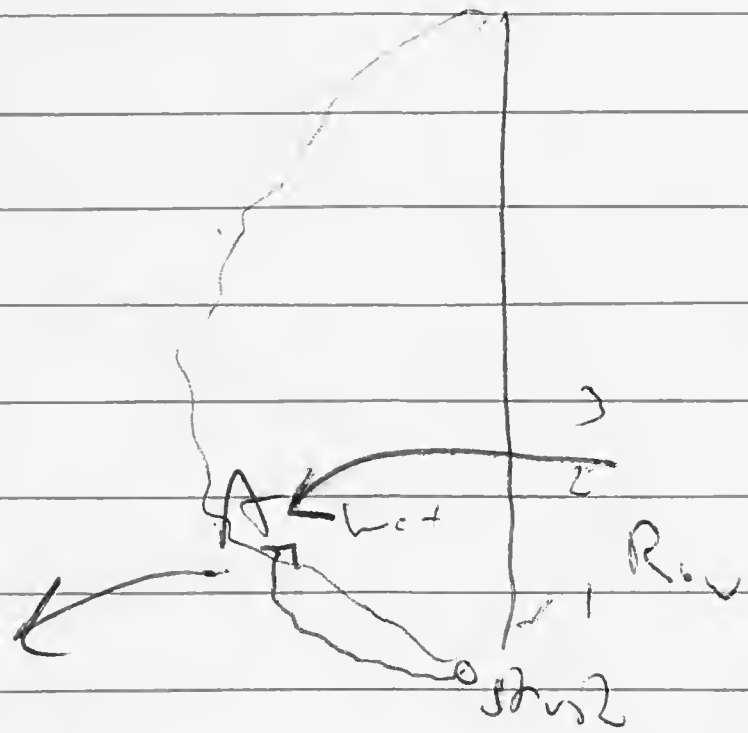
28	F	1m	0	D	Sog ^c
Row 3 29	GF	0.8	0	D	Sog ^o
30	F	0.6	0	D	Sog ^b
31	F	0.6	0	P	Sog ^o
32	F	0.6	0	D	Sog ^o
33	F	0.8	0	D	Sog ^o
34	FG	0.5	0	D	Sog ^o
35	GR	0.8	0	1"	Sog ^o (Sup ⁻¹)
36	GS	1.0	0	3"	Sog ^o (Sup ⁻¹)
37	G	0.6	0	3"	Sog ^o (Sup ⁻¹)
38	F	1.2	2 chery 1 Dyr	M	Sog ^o (Sup ⁻¹)
39	Sog ^o	2.8	1 with tree	12"	Sog ^o (Sup ⁻¹)
40	Sog ^o	1.5	1 with tree	12"	Sog ^o (Sup ⁻¹)
41	Sog ^o	1.5	tree?	12"	Sog ^o (Sup ⁻¹)
42	GF	1.2	0	10"	Sog ^o (Sup ⁻¹)
Row 4 43	F	1.0	1 Dyr	3"	Sog ^o (Sup ⁻¹)
44	GF	2.0	0	15"	Sog ^o (Sup ⁻¹)
45	GF	0.8	1 with 2 Dyr	2"	Sog ^o (Sup ⁻¹)
46	GF	0.8	1 Arch 3 with	2"	Sog ^o (Sup ⁻¹)
47	GF	0.8	1 Dyr 1 with	1"	Sog ^o (Sup ⁻¹)
48	R	0.4	0	2"	Sog ^o (Sup ⁻¹)
49	F	0.4	0	M	Sog ^o (Sup ⁻¹)
50	F	1.0	0	D	Sog ^o (Sup ⁻¹)
51	F	1.2	1 Dyr	D	Sog ^o (Sup ⁻¹)
2 52	F	0.8	0	D	Sog ^o (Sup ⁻¹)
53	F	0.8	0	D	Sog ^o (Sup ⁻¹)
54	F	0.8	0	D	Sog ^o (Sup ⁻¹)

Note: My hinc to E, had Row 6 + into March to get Next Sup^o July

Row 5 55	F	0.8	0	D	Sog ^o (Sup ⁻¹)
56	GF	0.6	0	D	Sog ^o (Sup ⁻¹)
57	F	0.8	0	D	Sog ^o (Sup ⁻¹)
58	F	0.4	0	D	Sog ^o (Sup ⁻¹)
59	FG	0.8	0	D	Sog ^o (Sup ⁻¹)
60	F	0.6	1 Dyr	D	Sog ^o (Sup ⁻¹)
61	RG	0.5	0	M	Sog ^o (Sup ⁻¹)
62	RG	0.6	0	\$	Sog ^o (Sup ⁻¹)
63	F	0.4	0	3"	Sog ^o (Sup ⁻¹)
64	F	0.6	2 Dyr	6"	Sog ^o (Sup ⁻¹)
65	F	0.6	1 Dyr	10"	Sog ^o (Sup ⁻¹)
66	GF	0.6	1 Dyr	10"	Sog ^o (Sup ⁻¹)
67	GF	0.3	Rise	6"	Sog ^o (Sup ⁻¹)
Row 6 68	F	0.4	2 Dyr	21"	Sog ^o (Sup ⁻¹)
69	G	2.2	0	12"	Sog ^o (Sup ⁻¹)
70	GRF	1.2	0	8"	Sog ^o (Sup ⁻¹)
71	G	0	0	12"	Sog ^o (Sup ⁻¹)
72	GF	0.6	1	6"	Sog ^o (Sup ⁻¹)
73	FG	0.8	0	4"	Sog ^o (Sup ⁻¹)
74	FG	0.4	0	3"	Sog ^o (Sup ⁻¹)
75	FG	0.4	0	2"	Sog ^o (Sup ⁻¹)
76	F	0.6	0	D	Sog ^o (Sup ⁻¹)
77	F	0.6	0	D	Sog ^o (Sup ⁻¹)
78	F	0.6	0	D	Sog ^o (Sup ⁻¹)
79	FG	0.7	0	D	Sog ^o (Sup ⁻¹)

Word Sog is middle of Sup

Interplay behavior at Song 4 - Song 6 territories.



Song 6 bird is further to point A
 if Song
 swapped place to next plus
 R Song
 Song Sp. ♂ stalked down
 then flew back

Row 6
 missing first 2 rows

90	F	0.4	0	P	Song 6
91	F	0.7	0	D	Song
92	F	0.8	0	D	Song 6
93	F	0.6	0	P	Song 6
94	F	0.8	0	P	Song 6
95	G	0.4	0	D	Song 6
96	R	0.4	0	S	Song 7
97	RG	0.6	0	3"	Song 7
98	G	0.4	0	10"	at
99	RF	0.4	0	10"	Song 7
100	0	0	10"	10"	Song 7
101	0	0	10"	12"	Song 7
102	G	1.8	0	15"	Song 7
103	FL	0.8	2D	15"	Song 7
104	FL	0.8	IP	6"	Song 7
105	0	0	0	6"	Song 7
106	0	0	4BB	6"	Song 7
107	Song 6	1.5	1D	6"	Song 7
108	Song 6	0.6	1BB	3"	Song 7
109	Song 6	0	4BB	10"	Song 7
110	0	0	3BB	15"	Song 7
111	0	0	6BB	8"	Song 7
112	0	0	4BB	3"	Song 7
113	0	0	4BB	10"	Song 7
114	0	0	10BB	15"	Song 7
115	0	0	3BB	4"	Song 7

July

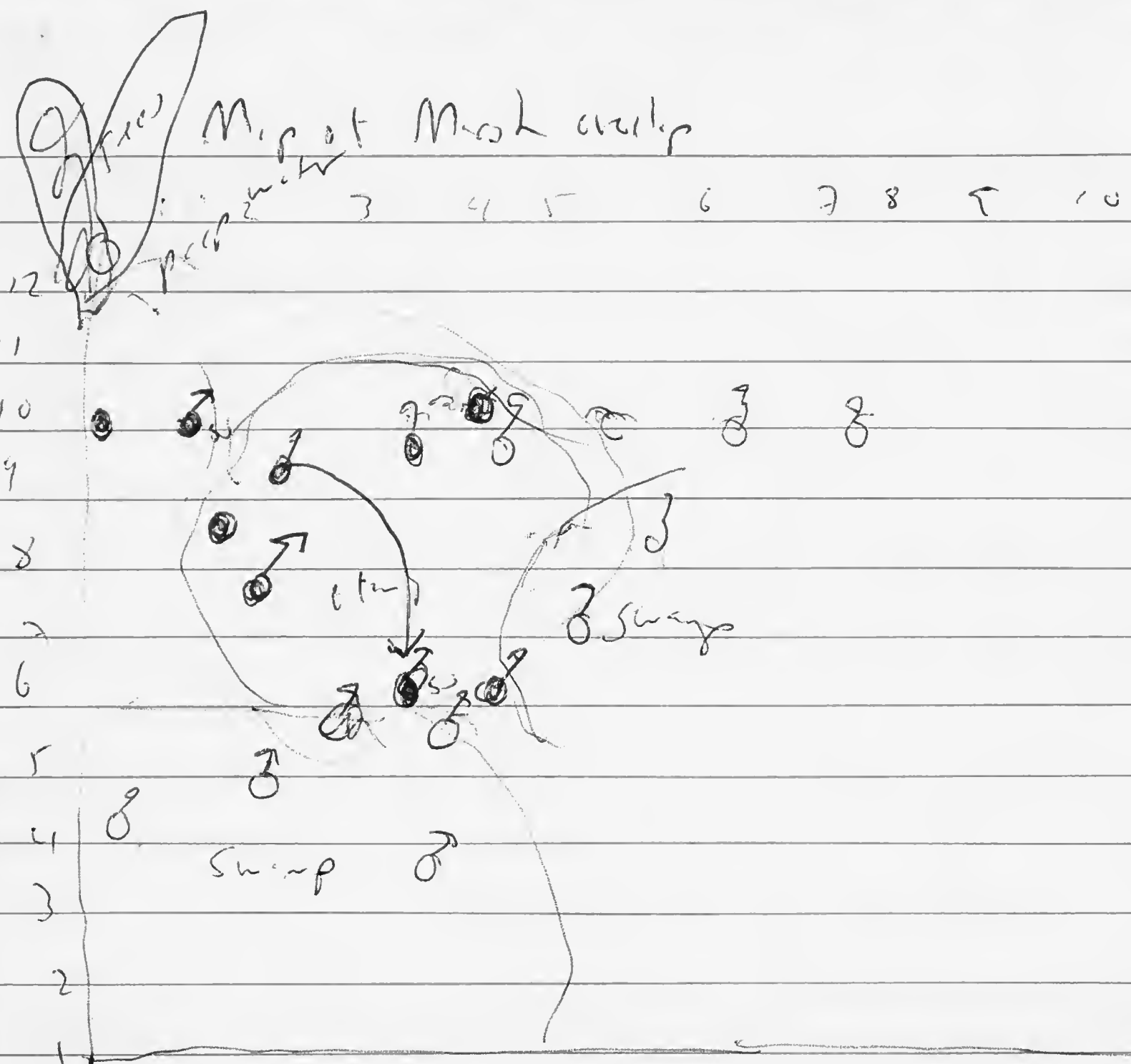
(X)

106	F	0.6	1V	3"	Song 7
107	F	0.3	0	4"	Song 7
108	FG	0.6	1BB	2"	Song 7
109	F	0.6	7BB	3"	Song 7
110	0	0	3BB	14"	Song 7
111	0	0	1BB	6"	Song 7
112	0	0.5	IP	4"	Song 7
113	0	0	0	10"	Song 7
114	F	0.6	PP	6"	Song 7
115	0	0.6	0	1/2"	Song 7
116	F	0.6	0	8"	Song 7
117	FG	1.0	0	8"	Song 7
118	F	0.6	0	10"	Song 7
119	F	0.8	0	0	Song 7
120	F	0.8	0	0	Song 7
121	G	0.4	0	10"	Song 7

[first row not done]

Row 122	F	0.6	0	0	Song 7
123	G	0.6	0	0	Song 7
124	G	0.6	0	0	Song 7
125	G	0.6	0	0	Song 7
126	G	0.4	0	0	Song 7
127	F	0.6	0	0	Song 7
128	G	0.6	0	0	Song 7
129	F	0.4	0	1"	Song 7
130	F	0	0	2"	Song 7

131	G	0.2	0	6"	Song 7
132	R	0.4	0	12"	Song 7
133	0	0	0	15"	Song 7
134	0	0	2BB	17"	Song 7
135	Sw	1.0	5BB	20"	Song 7
136	Sw	0.2	2BB	5"	Song 7
137	0	0	6BB	8"	Song 7
138	GF	0.2	4	4"	Song 7
139	F	0.6	0	4"	Song 7
140	F	0.6	0	4"	Song 7
141	F	0.5	2BB	6"	Song 7
142	G	0.5	2BB	8"	Song 7
143	0	0	3BB	5"	Song 7
144	0	0	5BB	8"	Song 7
145	0	0	2BB	6"	Song 7
146	0	0	0	8"	Song 7
Row 147	0	0	2	2"	Song 7
148	0	0	1BB	5"	Song 7
149	0	0	3	12"	Song 7
150	F	0.4	1BB	8"	Song 7
151	R	0.0	1BB	8"	Song 7
152	F	0.8	1BB	15"	Song 7
153	0	0	1BB	5"	Song 7
154	0	0	4BB	10"	Song 7
155	0	0	4BB	15"	Song 7
156	0	0	4BB	20"	Song 7
157	G	0.2	0	20"	Song 7



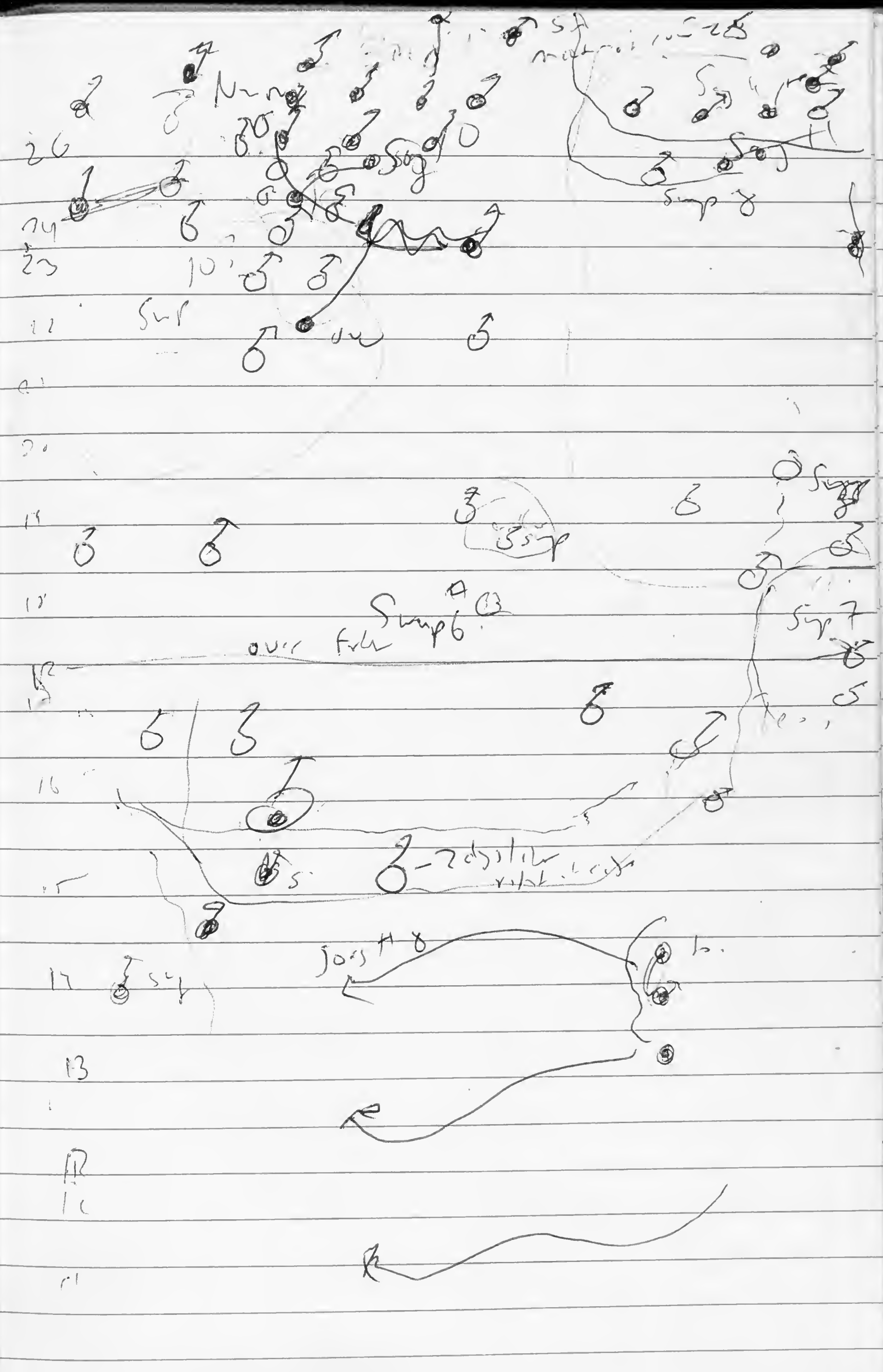
The structure with Song Sparrows in the swamps is very confusing but the area I thought was one ♂ territory is actually 2 surrounded a large clearing which is "shallow water" & mostly this with a pen-throat-like foliage

(X)

158	0	0	0	10"	Song Sparrow ♂
159	6	0.2	0	10"	"
160	F	0.4	0	S	Song Sparrow ♂
161	F	0.8	0	S	"
162	G	0.1	0	D	Song ♂
163	G	0.4	0	P	Song ♂
164	G	0.4	0	P	Song ♂
165	G	0.3	0	P	Song
[one - first map 20]					
Row 166	-	Billing th. 1.2	0	D	Song
	G	2.4	0	D	Song
168	F	0.4	0	P	Song ♂
169	F	0.6	0	P	Song ♂
170	G	0.6	0	D	Song ♂
171	G	0.1	0	D	Song ♂
172	0	0	1803	P	Song
173	F	0.6	0	2"	Song ♂
174	G	0.9	0	15"	Song ♂
Row 175	G	1.5	0	D	Song ♂
176	F	0.5	0	2'	Song
177	F	0.6	0	D	Song
178	F	0.6	0	P	Song ♂
179	F	0.8	0	P	Song ♂
180	G	0.4	0	D	Song ♂
181	G	0.4	0	D	Song ♂
182	G	0.4	0	D	Song ♂

(4)

183	Bl. lhy + l. met					Song (next in terr.)
181	G	0.4	0	D		
182	G	0.3	0	P		Sy 8
181	G	0.3	0	D		Sy 8
187	G	0.3	0	P		Sy 8
188	P. white	0.4	0	D		Sy 8
189	F	0.3	0	D		Sy 8
190	F	0.6	0	P		Sy 8
191	F	0.3	0	P		Sy 8
192	Bl. lhy	0.6	0	P		Sy 8
193	F	0.6	0	M		Sy 8
194	Bl. lhy	0.6	0	D		Sy 8
195	G	0.6	0	D		Sy 8
196	G	0.6	0	P		Sy 8
197	G	0.4	0	P		Sy 8
198	F	0.4	0	D		Sy 8
199	F	0.6	0	P		Sy 8
200	G	0.5	0	D		Sy 8
201	G	0.6	0	P		Sy 8
202	G	0.6	0	D		Sy 8
203	G	0.6	0	D		Sy 8
204	F	0.4	0	P		Sy 8
205	G	0.3	0	P		Sy 8
206	F	0.3	0	P		Sy 8
207	G	0.3	0	P		Sy 8



(X)

208	G	0.4	0	P	Sy 8
209	G	0.4	0	P	Sy 8
210		Bl. w/ streak			
15/211	GF	0.8	10 Py	5"	Swamp 6
213	G	"	"	"	"
214	G	0.4	0	4"	Swamp 6
215	G	0.4	0	3"	"
216	G	0.6	10 Py	4"	Swamp 6
217	G	0.6	10 Py	6"	Swamp 6
218	G	0.3	0	1/2	Swamp 8
219	F	0.6	0	1/2	Swamp 8
220	G	0.4	0	1/2	Swamp 8
221	F	0.8	0	M	Swamp 8
222	F	0.6	0	1"	Swamp 6
223	F	0.6	0	3"	Swamp 6
224	G	0.4	0	5"	Swamp 6
225	G	0.4	0	6"	Swamp 6
226	G	0.4	0	6"	Swamp 6
227	G	0.6	0	6"	Swamp 6
230	G	0.6	0	6"	Swamp 6
231	G	0.6	0	6"	Swamp 6
232		Physocarpus			
Row 16 233		Physocarpus			
234	G	0.6	0	6"	Swamp 6
236	G	0.4	0	6"	Swamp 6
237	Bidge	0.4	0	5"	Swamp 6

Should extend row 16

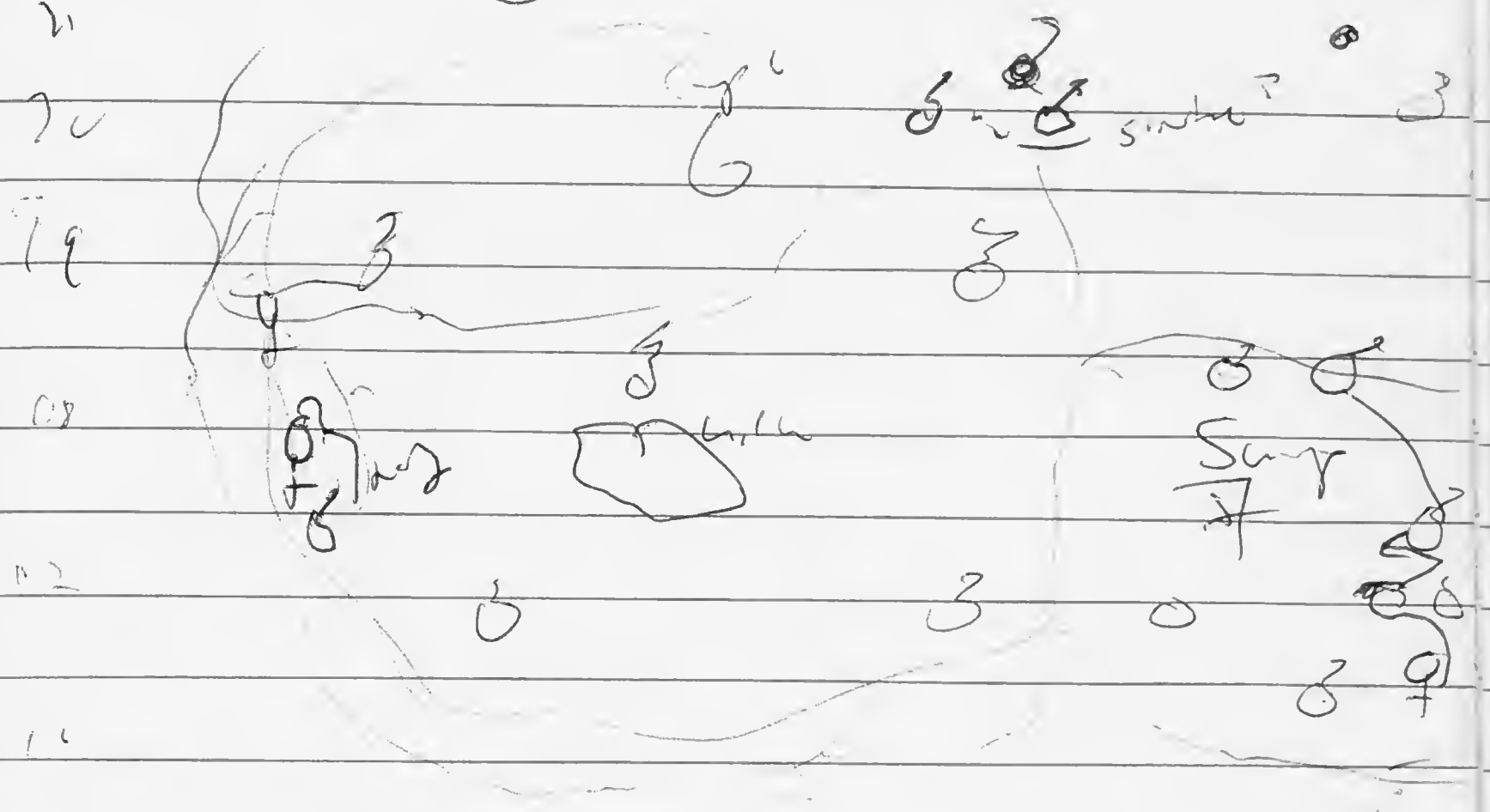
(X)

238	G+S	0.2	Pgual	6	Swamp 6
239	G+S	0.2	Py	8"	Swamp 6
240	P-2	1.2 m	U	6"	"
241	GS	0.6	0	6"	Swamp 6
242	GS	0.4	1 Py	6"	Swamp 6
243	F	0.6	20 Py	6"	Swamp 6
244	F	0.6	2 Py	2"	Swamp 6
245	F	0.8	2 Py	2"	Swamp 6
246	F	0.8	1 Py	3"	Swamp 6
247	F	1.0	Alv tree	5"	Swamp 6
248	G	0.4	0	6"	Swamp 6
249	R	1.0	0	6"	Swamp 6
250	0	0	0	6"	Swamp 6
251	R/Fm	1.0	0	6"	Swamp 6
252	0	0	0	6"	Swamp 6
253	0	0	0	8"	Swamp 6
extended 254	R	1.0	Dy	8"	Swamp 6
255	FG	0.2	0	6"	Swamp 6
256	Swampless	1m	0	6"	Swamp 7
257	F	"	"	6"	Swamp 2
258	Swampless	1m	0	6"	Swamp 2
259	Swampless	1m	0	6"	Swamp 2
260	Swampless	1m	0	8"	Swamp 7
261	0	0	0	8"	Swamp 7
262	Swampless	1m	0	8"	Swamp 7
263	"	1m	0	8"	Swamp 7
264	Swampless	1m	0	10"	Swamp 7

(X)

265	Supb	0.9m	0	10"	Sup 7	
266	Supb	0m	0	10"	Sup 7	
Row 17	267	Supb	1m	1 Dy	10"	Sup 7
268	Supb	0	1 Dy	10"	Sup 7	
269	Supb	1m	0	10"	Sup 7	
270	Supb	0	0	10"	Sup 2	
271	Grass	0.1	0	8"	Sup 7	
272	0	0	3 Dy	12"	Sup 2	
273	0	0.4	1 Dy	12"	Sup 7	
274	R	1m	0	12"	Sup 2	
275	Grass	0.2	0	10"	Sup 7	
276	Rb	0.3	0	6"	Sup 6	
277	Ribes	0.6	0	8"	Sup 6	
278	Grass	0.3	Dy	6"	Sup 6	
279	Grass	0.3	0	6"	Sup 6	
280	Rub	0.9	0	6"	Sup 6	
281	Rub 2	1.2	0	6"	Sup 6	
282	Grass	0.4	0	6"	Sup 6	
283	Grass	0.1	Dy	3"	Sup 6	
284	Grass	0.7	2 Dy	1"	Sup 6?	
Row 19	285	Grass	0.3	3 Dy	1"	Sup 6
286	Grass	0.8	1 Dy	1"	Sup 6	
287	Grass	0.4	2 Dy	4"	Sup 6	
288	Rub 2	1.8	2 Dy	6"	Sup 6	
289	Rub 2	0.6	2 Dy	3"	Sup 6	
290	Rub	0.3	0	4"	Sup 6	
291	Rb	0.6	1 Dy	6"	Sup 6	

(+)



Note - Perhaps Sup 6
 from row 19 is
 a different
 ♂ from 6



292	f6	1m	0	9"	Swamp
293	F	0.4	0	5"	Swamp
294	GR	0.0	0	2"	Swamp
295	0	0	0	8"	Swamp
296	0	0	0	14"	Swamp
297	R	1.2	0	12"	Swamp
298	R	1.2	0	15"	Swamp
299	R	2	0	18"	Swamp
300	R	2.2	0	18"	Swamp
301	R	0	0	18"	Swamp
302	R	2.0	0	18"	Swamp
303	0	0	0	10"	Swamp
304	Swamp	1m	0	12"	Swamp
305	Swamp	1m	0	12"	Swamp
306	Swamp	1m	1v	12"	Swamp
Run 307	Swamp	1m	with	12"	Swamp
" 308	0	0	0	15"	Swamp
309	0	0	0	15"	Swamp
310	R	1.8	0	15"	Swamp
311	R	1.5	0	15"	Swamp
312	R	2	with	15"	Swamp
313	0	0.5	0	15"	Swamp
314	0	0	0	10"	Swamp
315	R	1.2	0	10"	Swamp
316	0	0	0	8"	Swamp
317	F	0.2	0	10"	Swamp

Watched g. Swamp
 slightly around on branches near water
 surface

♂ 8 - Dun in grass then up
 in the bush along leaf bushes
 small trees

maybe 6?

(X)

311	R	0.4	0	5"	Sup 6-8
311	Grass	0.5	0	5"	Sup 8
320	Grass	0.5	0	3"	Sup 9?
321	Grass	0.5	0	6"	Sup 9?
322	Grass	0.6	0	3"	Sup 9?
323	0	0	2 Pgs	6"	Sup 9
324	Grass	0.5	0	3"	Sup 9
325	Grass	0.5	0	3"	Sup 9
326	Grass	0.5	0	1/2"	Sup 9
327	0	0	0	8"	Sup 9
328	Grass	0.8	0	5"	Sup 9
329	Grass	0.5	1 Pgy	5"	Sup 9
330	Grass	1.2	10 Pgy	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
237	R	R	0	15"	Sup 8
238	0	0	0	15"	Sup 8
239	FR	0.5	2 Pgs	7"	Sup 8
240	0	0	1 Pgy	15"	Sup 8
241	0	0.3	0	12"	Sup 8
242	Sup 6	1m	2 BB	6"	Sup 8
243	Sup 6	1m	0	15"	Sup 8
22	Sup 6	1m	1 BR	11"	Sup 8

245	0	0	0	15"	Sup 8
246	Grass	2m	0	15"	Sup 8
247	0	0	0	15"	Sup 8
247	R	2m	0	15"	Sup 8
244	R	0.3	0	12"	Sup 8
248	R	0.3	0	12"	Sup 8
251	0	0	0	15"	Sup 8
252	G	0.2	0	12"	Sup 8
253	R	0.4	0	10"	Sup 8
254	R	0.4	0	8"	Sup 8
255	FG	0	0	4"	Sup 8
256	F	1.8	0	M	(Sup 9)
257	FG	0.6	0	3"	Sup 9
258	FG	0	0	4"	Sup 9
259	F	0.6	2 Pgs	6"	Sup 9
260	F	1.3	2 Pgs	1"	Sup 9?
261	F	0.6	2 Pgs	1"	Sup 9
261	F	0.6	0	1"	Sup 9?
261	?	?	Per. wood	2"	
270	F	0.8	1 Pgy	1"	Sup 10?
271	G	1.2	0	5"	Sup 10?
272	F	0.6	0	5"	Sup 10?
273	F	0.6	0	4"	Sup 10?
274	G	1.2	0	5"	Sup 10?
275	F	0.6	1 Pgy	3"	Sup 10
276	R	0.3	0	4"	Sup 8

(X)

277	0	0	0	10"	Sup 8
278	G	0.3	Py	10"	Jug 8
279	G	0.3	0	0	Sup 8
280	0	0	0	10	Sup 8
281	0	0	0	10"	Sup 8
282	0	0	0	15"	Sup 8
283	0	0	0	10"	Sup 8
284	0	0	0	12	Sup 8
285	R	2m	0	15"	Sup 8
286	0	0	0	18"	Sup 8
287	F	0.6	0	10"	Sup 8
288	F	1.0	0	M	Sup 11
289	F	0.6	0	6"	Sup 8
290	0	0.6	2 Py	10"	Sup 8
291	F	0.3	0	6"	Sup 8
292	0	0	0	18"	Sup 8
293	0	0	0	6	Sup 8
294	G	0	0	3"	Sup 8?
295	R	0	0	5"	Sup 8
296	F	0.6	0	4"	Sup 8
297	F	0.4	0	4"	Sup 8?
298	F	0.4	0	2"	Sup 10
299	G	0.6	0	3"	Sup 8
300	F	1.0	0	P?	Sup 10
301	GR	0.4	0	3"	Sup 10
302	GR	0.3	0	5"	Sup 10

Water level
has risen

? = quantity
br. - rocky

Water level
from June 5

303	G	0.3	0	3"	Sup 10
304	F	0.6	0	4"	Sup 10
305	R	0.8	0	1/2"	Sup 10
306	F	0.6	0	3"	Sup 10
307	GR	0.4	0	4"	Sup 10
308	F	0.6	0	2"	Sup 10
309	F	0.6	0	2"	Sup 10
310	F	1.2	0	M	Sup 10
311	F	0.6	1 Py	2"	Sup 10
312	F	0.8	2 Py	1"	Sup 10
313	F	0.7	0	1/2"	Sup 8
314	G	0.3	0	0	Sup 11
315	F	0.6	0	0	Sup 11
316	F	0.3	0	S	Sup 11
317	F	0.4	0	1/2"	Sup 11
318	F	0.5	0	1/2"	Sup 8
319	F	0.5	1 Py	1"	Sup 11
320	F	0.4	1 Rose	4"	Sup 11
321	0	0	1 Py	8"	Sup 11
322	F	0.7	0	5"	Sup 11
323	F	1m	0	5"	Sup 11
323	F	1m	0	6"	Sup 11
324	F	0.3	0	10"	Sup 11
325	G	0.3	0	6"	Sup 11
326	F	0.2	0	5"	Sup 11
327	F	0.4	0	M	Sup 11

(X)

328	F	0.3	0	P	Sog 11
329	F	0.4	0	D	Sog 11
330	F	0.5	1 Dy	D	Sog 11
331	F	1m	3 Blony	D	Sog 11
332	F	0.3	1 chng	D	Sog 10
333	F	0.2	1 Dy	M	Sog 10
334	F	1m	1 Dy	D	Sog 10
335	F	1.2m	200 0	M	Sog 10-Sup
336	F	1.2	1000	1/2	Sog 10
337	G	0.8	1 Dy	1"	Sog 10
338	F	0.8	0	S	Sog 10
339	F	1.0	10 Dy	D	Sog 10
340	F	0.8	0	D	Sog 10
341	F	0.1	0	D	Sog 10
342	Fb	1.4	0	0	Sog 10
343	F	0.6	0	D	Sog 10
344	F	0.6	0	1/2"	Sog 10
345	F	0.5	0	0	Sog 10
346	G	0.3	0	P	Sog 10
347	G	0.1	0	D	Sog 10
348	F	0.2	0	P	Sog 14
349	F	0.2	0	D	Sog 14
350	Fb	0.4	1 Dy	D	Sog 14
351	Fb	0.2	0	D	Sog 14
352	Fb	0.4	1 Dy	D	Sog 14
353	Fb	0.2	0	D	Sog 14
354	Fb	0.4	1 Dy	D	Sog 14
355	Fb	0.2	0	D	Sog 14
356	Fb	0.4	1 Dy	D	Sog 14
357	Fb	0.4	1 Dy	D	Sog 14
358	Fb	0.4	1 Dy	D	Sog 14
359	Fb	0.4	1 Dy	D	Sog 14
360	Fb	0.4	1 Dy	D	Sog 14
361	Fb	0.4	1 Dy	D	Sog 14
362	Fb	0.4	1 Dy	D	Sog 14
363	Fb	0.4	1 Dy	D	Sog 14
364	Fb	0.4	1 Dy	D	Sog 14
365	Fb	0.4	1 Dy	D	Sog 14
366	Fb	0.4	1 Dy	D	Sog 14
367	Fb	0.4	1 Dy	D	Sog 14
368	Fb	0.4	1 Dy	D	Sog 14
369	Fb	0.4	1 Dy	D	Sog 14
370	Fb	0.4	1 Dy	D	Sog 14

additional

348	F	0.1	0	D	Sog 11
346	F	0.3	0	D	Sog 10
347	F	0.7	0	0	2"
348	0	0	0	3"	Sog 11
349	0	0	0	2"	Jug #1
350	F	0.4	0	2"	Sog 14
351	Rose	0.4	0	D	Sog 14
352	Fub	0.2	0	D	Sog 14
"	"	"	"	"	"
27 353	F	0.2	0	0	Sog 14
354	F	0.6	Dy	D	Sog 14
355	F	Blk by	H. W.		
356	F	0.2	0	D	Sog 14
357	Blk by	0.6	0	D	Sog 14
358	Gf	0.6	0	D	Sog 14
359	Gf	0.2	0	D	Sog 10
360	G	0.3	0	D	Sog 10
361	Gf	0.6	P.	D	Sog 10
362	F	0.6	P.	D	Sog 10
363	F	0.6	1 Dy	D	Sog 10
364	P. mod	1.0	1 Dy	D	Sog 10
365	F	1.0	P.	D	Sog 10
366	G	1.0		D	Sog 10
367	G	1.4	0	D	Sog 10
368	P. mod	Hickell			
369	Fb	1.1	0	D	Sog 10
370	Fb	1.2	0	D	Sog 11

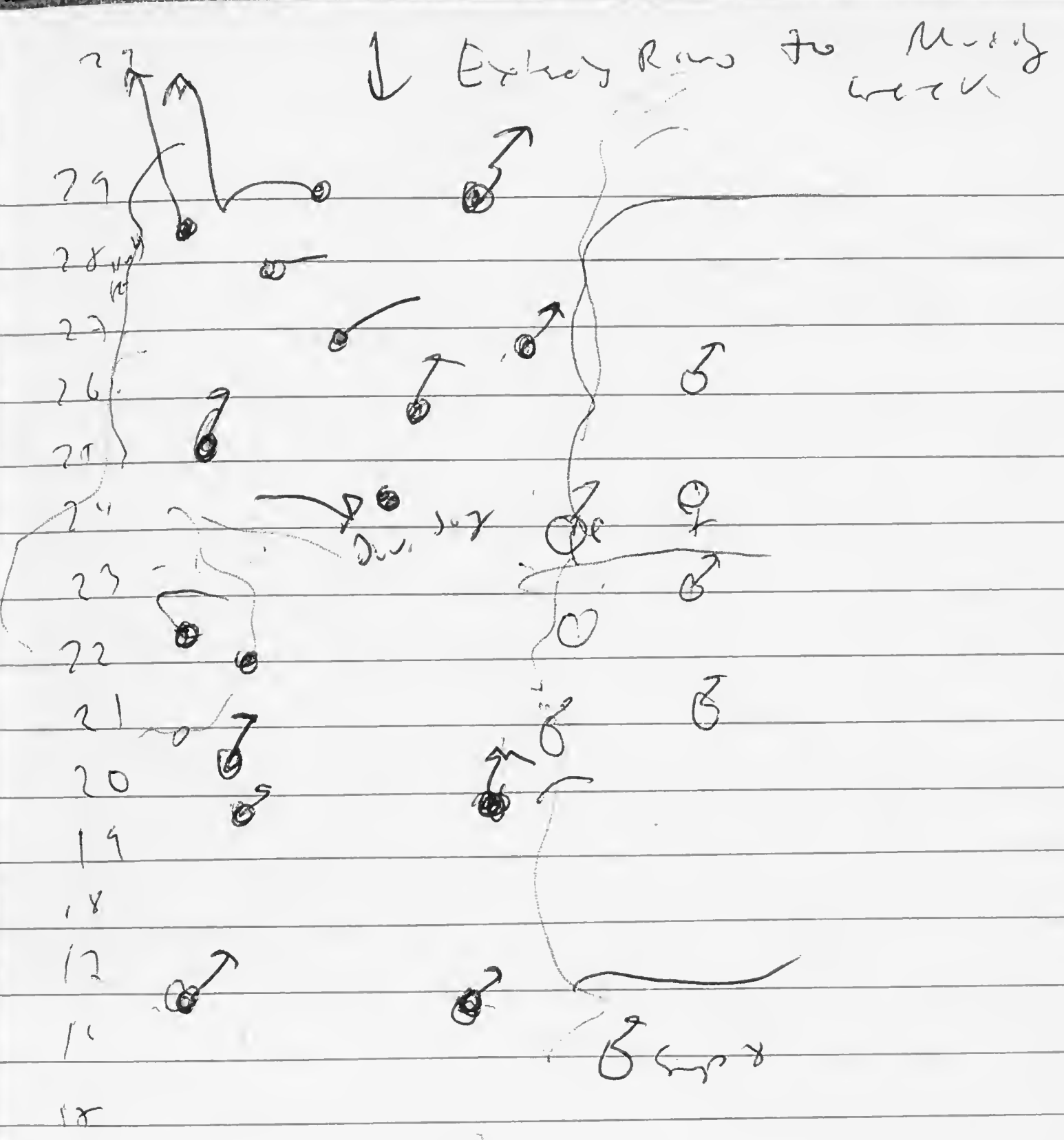
(+)

371	F	0.4	0	D	Sy 10
372	F	0.3	0	D	Sy 10
373	F	0.3	0	D	Sy 10
374	F	0.3	0	D	Sy 10
375	Blinking thicket				
376	GF	0.3	0	D	Sy 10
377	F	0.3	0	D	Sy 10
378	F	0.7	0	D	Sy 10
379	G	0.3	0	D	Sy 10
380	F	0.2	0	D	Sy 10
381	F	0.2	0	D	Sy 10
382	F	0.3	0	D	Sy 10
383	Thicket -				

29 - started partial row at territory 10

384	F	0.3	0	D	Sy 10
385	Blinking thicket				
386	F	0.4	0	D	Sy 10
387	G	0.1	0	D	Sy 10
388	F	0.6	0	D	Sy 10
389	F	0.8	0	D	Sy 10
390	F	1.2	0	D	Sy 10
391	F	1.0	0	D	Sy 10
392	F	1.0	0	D	Sy 12
393	F	0.8	0	D	Sy 12
394	GF	0.8	0	D	Sy 12

Extension



28	394	G	0.4	0	D	Sy 12
	395	GF	0.8	0	D	Sy 10
	396	F	0.6	0	D	Sy 12
	397	F	0.6	0	D	Sy 10
	398	F	0.8	0	D	Sy 12
	399	F	0.8	0	D	Sy 12
	400	F	0.6	0	D	Sy 12
	401	F	0.6	0	D	Sy 12
	402	F	0.4	0	D	Sy 12

haven't seen much
evidence of 5012

??
L

Row 27	403	6	0.3	0	D	Sy 12
Row 26	404	6	0.6	0	P	Sy 12
	405		Pywood		D	Sy 12
	406	F	0.6	0	D	Sy 12
	407	F	0.7	0	P	Sy 12
	408	F	1.2	0	D	Sy 12
	409	F	1.0	0	D	Sy 12
	410	FG	1.2	0	P	Sy 12
	411	FR	0.6	0	D	Sy 12
	412	FR	0.6	0	P	Sy 12
	413	F	0.6	0	D	Sy 12
	414	R6	0.6	0	D	Sy 12
	420	6	0.6	0	D	Sy 12
	421	F6	0.6	0	D	Sy 12
	422	F	0.6	0	P	Sy 12
	423	F	0.6	0	D	Sy 12
	424	F	0.6	0	P	Sy 12
	425	F	0.6	0	P	Sy 12
	426	F	0.6	0	P	Sy 12
	427	F	1.0	0	P	Sy 12
	428	F	1.0	0	D	Sy 12
Row 23	429	G	1.0	0	D	Sy 13
	430		Pywood			
	431	F	0.6	0	P	Sy 13
	432	6	0.5	0	P	Sy 13
	433	F	0.3	0	D	Sy 13

434	F	0.2	0	P	Sy 13
435	F	0.5	0	D	Sy 13
436	6F	0.4	0	P	Sy 13
437	F	0.4	0	D	Sy 13
438	6	1m	10	D	Sy 13
439	6	0.81	0	D	Sy 13
440	6	1.5	0	D	Sy 13
441	F	1.2	0	D	Sy 13
442	6	1.0	20g?	D	Sy 13?
443	F	1.2	0	D	Sy 13
444	F	1.2	0	S	Sy 10
445					1/2" Sy 10
446	F	1.0	20g		1" Sy 10
447	F	1.0	0	D	
448	F	1.0	0	D	Sy 10
449	F	1.2	10g	P	Sy 10
450	F	0.8	0	D	6?
451	F	1.2	0	D	Sy 12
457	FL	0.4	0	D	Sy 12
443	FL	0.3	0	D	Sy 13
444	F	0.3	0	D	Sy 13
445	F	0.6	0	P	Sy 13
446	"	"	"	"	"
21		Bl. 2g		P	
448	F	1.0	0	D	Sy 13
449	6F	0.6	0	D	Sy 13

(X)

451	F	0.3	0	D	Sy 13
452	G	0.5	0	100	Sy 13?
453	F	1.2	0	D	Sy 13?
454	FB	1.2	0	M	Sup 9
455	F	1.2	100g	P	Sup 9
456	F	0.9	100g	D	Sup 9
457	F	0.6	100g	S	Sup 9
20 458	F	1.2	20g	M	Sup 9
459	F	1.0	0.9	J	Sup 9
460	F	1.0	D	Sy 13	
461	FB	1.0	0	D	Sy 13
462	F	0.0	0	D	Sy 13
463	F	0.8	100g	P	Sy 13
464	FB	0.2	0	D	Sy 13
465	FB	0.3	0	D	Sy 13
466	FB	0.5	0	D	Sy 13
467	F	1.0	0	P	Sy 13
468	F	0.2	0	D	Sy 13
469	F	0.0	0	D	Sy 13
470	FB	1.2	100g	1"	Sup 9
471	FB	0.1	0	D	Sy 13
472	FB	1.2	30g	S	Sup 9
20 473	G	0.3	30g	M	Sup 9

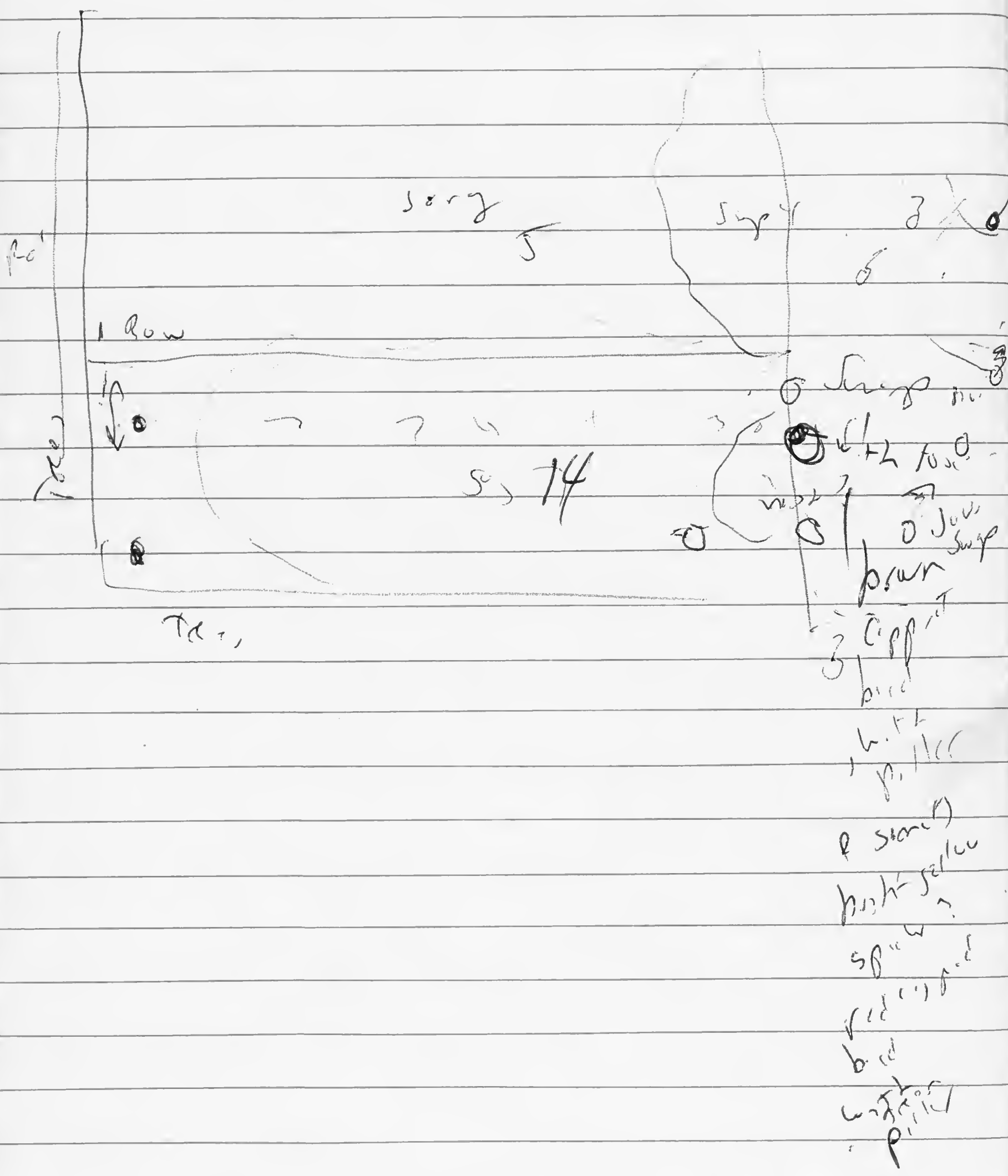
474	F	1.0	20g	D	Sy 13
475	F	0.8	10g	D	Sy 13
476	F	0.8	0	P	Sy 13
477	F	0.3	0	D	Sy 13
478	FB	0.7	0	P	Sy 13
479	F	0.7	0	P	Sy 13
480	F	0.6	0	D	Sy 13
481	F	0.8	0	D	Sy 13
482	G	0.3	0	D	Sy 13
483	F	0.8	0	D	Sy 13
484	FB	0.8	10g	P	Sy 13
485	F	1.1	20g	D	Sy 13
486	G	0.3	2"	Sup 9	
487	F	0.6	10g	3"	Sup 9
488	FB	1.0	3"	Sup 9	
16 489	G	0.2	20g	3"	Sup 6
490	G	0.2	10g	3"	Sup 6
491	G	0.2	10g	3"	Sup 6
492	FB	0.6	20g	P	Sy 13
493	FB	1.0	10g	P	Sy 13
494	FB	1.2	10g	P	Sy 13
495	FB	0.0	20g	P	Sy 13
496	F	1.2	0	P	Sy 13
497	F	0.6	0	D	Sy 13
498	G	0.6	0	D	Sy 13

(X)

15	497	F	1.2	0	D	Sy 12
4	498	Blackberry	1.5	0	P	Sy 12
	499	F	1.2	2 Py	D	Sy 13
	500	G	1.0			Sy 13
	501	G	1.2	2 Py	D	Sy 13
	502	F	1.5	2 Py	M	Sy 13
	503	G	1.5	2 Py	D	Sy 13
	504	F	0.8	Py	1"	Sup 6
11	505	G	0.8	2 Py	2"	Sup 6
	506	G	0.6	0	M	Sy 13
	507	F	0.8	U	P	Sy 13
	508	F	1.2	U	D	Sy 13
	509	F	1.0	1 Py	P	Sy 13
	510	F	1.0	Py	D	Sy 13

35 x 30 = 1000 sum =

Do the beginning of 2nd field



(X)

will extend lines into main line

have a few points check

1	F	1.0	0	P	Sug 14
2	F	0.6	0	P	Sug 14
3	FG	0.6	0	P	Sug 14
4	RGP	0.0	0	P	Sug 14
5	FGP	0.8	0	P	Sug 14
6	RG	0.9	0	P	Sug 14
7	F	0.8	0	P	Sug 14
8	F	1.0	0	P	Sug 14
9	F	0.6	0	P	Sug 14
10	F	0.8	0	P	Sug 14
11	F	0.8	0	P	Sug 14
12	FG	0.4	0	P	Sug 14
13	FG	0.4	0	P	Sug 14
14	FG	0.2	0	P	Sug 14
15	F	1.2	0	P	Sug 14
16	FG	0.6	0	P	Sug 14
17	F	0.6	0	P	Sug 14
18	F	0.8	0	P	Sug 14
19	FG	0.6	0	P	Sug 14
20	FG	0.7	0	P	Sug 14
21	FG	0.7	0	P	Sug 14
22	F	0.6	0	P	Sug 14
23	F	0.6	0	P	Sug 14
24	F	0.0	0	P	Sug 14
25	FL	0.5	0	P	Sug 14
26	FG	0.6	0	P	Sug 14
27	0	0.3	0	P	Sug 14

(7)

28	GF	0.3	0	D	Aug 17
29	GRF	0.6	0	D	Aug 14
30	GF	0.5	0	D	Aug 14
31	GF	1.5	0	D	Aug 14
32	GRF	0.8	0	D	Aug 14
33	GF	0.6	0	D	Aug 14
34	GRF	0.6	0	D	Aug 14
35	GF	0.6	0	D	Aug 14
36	GRF	0.7	0	D	Aug 14
37	GF	0.6	0	D	Aug 14
38	GRF	0.4	0	D	Aug 14
39	GRF	0.4	0	D	Aug 14?
40	FR	0.6	0	D	Aug 14?
41	GF	0.6	0	D	Aug 14/sup 1
42	GRF	0.6	0	D	Aug 14
43	FG	0.0	0	D	Sup 11 (1)
43	R	0.8	0	D	Sup 11
44	RF	0.8	0	D	?
45	Sup brass	0.8	0	D	?
46	FR	0.8	0	D	Aug 14?
47	FG	0.7	0	D	Aug 14?
48	F	0.6	0	D	Aug 14
49	FG	1.0	0	D	Aug 14
50	FG	0.3	0	D	Aug 14
51	FG	0.5	0	D	Aug 14
52	F	0.6	0	D	Aug 14

1000

lu

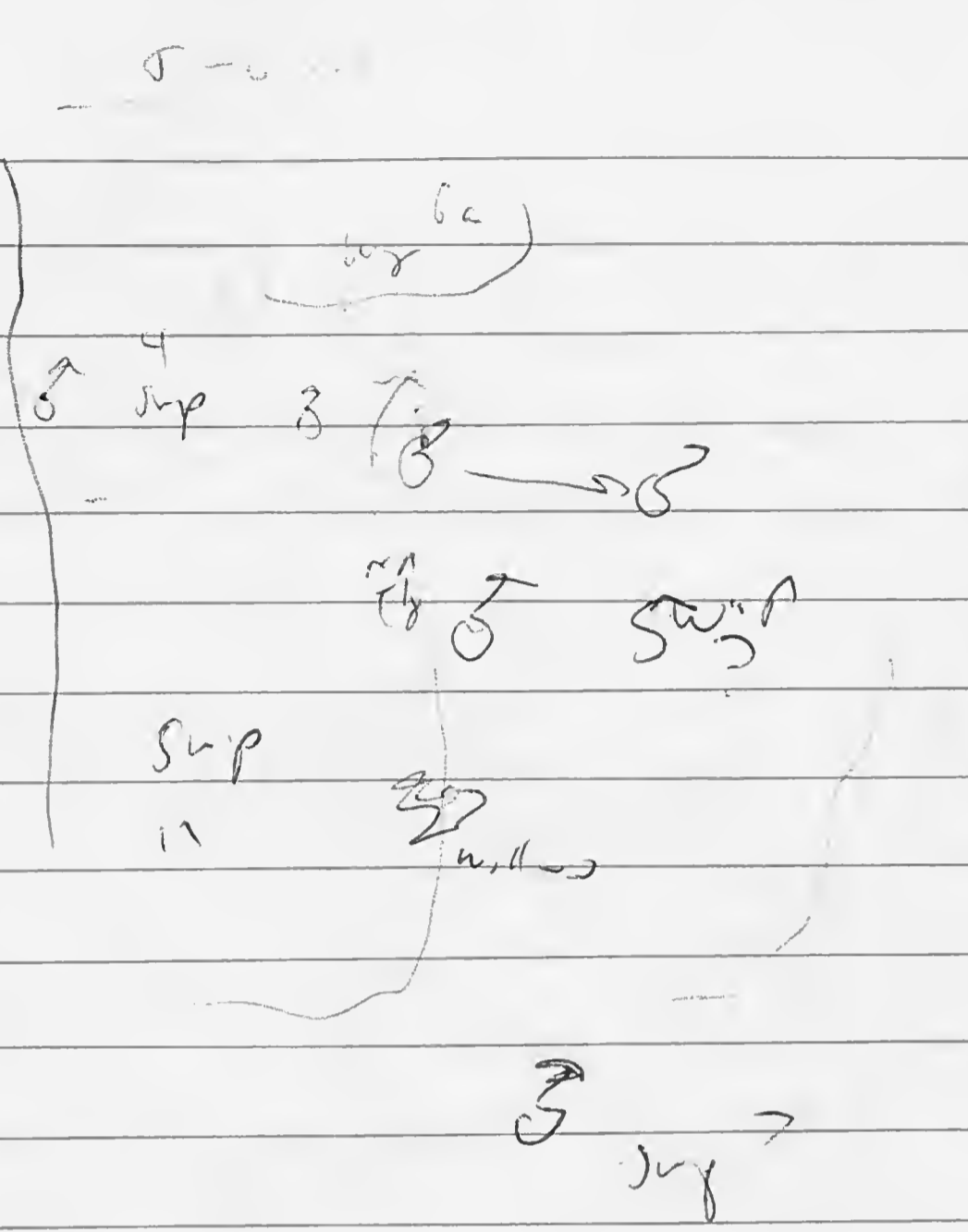
7	53	FR	0.4	0	D	Aug 14?
	54	FR	0.6	0	D	Aug 14
	55	FR	0.6	0	D	Aug 14
	56	FG	0.6	0	D	Aug 14
	57	FG	0.6	0	D	Aug 14
	58	Sup R	0.6	0	D	Aug 14
	59	Sup 6	0.6	0	D	?
	60	Sup 6	0.6	0	D	?
	61	"	"	"	"	"
	62	"	"	"	"	"

↳ being L. ...

7	63	Fishes (2...)	0.6	V	M	Sup 11
	64	B... F	0.6	0	M	Sup 11
	65		0.6	1U/1Pg	M	Sup 11
	66	Sup 0	0.8	0	S	Sup 11
	67	F	0.8	2 Pgs	M	Sup 11
	68	F	0.7	1 Pgs	M	Sup 11
	69	F	0.0	0	M	Sup 11
6	70	F	1.0	0	"	Sup 11
	71	F/R	0.0	1BB	M	Sup 11
	72	F	1.2	Pj	M	Sup 11
	73	F	1.2	0	S	Sup 11
	74	Sup low	1.0	0 Pgs	S	Sup 11
5	75	F	1.2	2 Pgs	S	Sup 11
	76	FG	1.2	0	S	Sup 11
	77	F	1.0	1 Pgs	S	Sup 11

(7)

78	Robin	0.6	1 Py	S	Suppl
79	FB	0.6	2 willow	S	Suppl
80	FB	1.0	2 willow	1"	Suppl
81	B	1.0	1 Py	1"	Suppl
4 82	F	1.0	2 Py	S	Suppl
83	F	1.0	2 Py	SM	Suppl
84	FB	1.0	2 Py	S	Suppl
85	FB	0.2	1 Py	S	Suppl
86	FR	1.0	3 Py	S	Suppl
87	F	2.0	2 Py	S	Suppl
88	Thicket		1 Py	M	Suppl
3 89	F	0.6	3 Py	S	Suppl
90	F	0.8	2 Py	S	Suppl
91	F	0.0	2 Py	S	Suppl
92	F	1.2	2 Py	S	Suppl
93	F	0.6	1 Py	S	Suppl
94	F-fern	0.6	1 Py	M	Suppl
95	FB	0.6	2 Py	S	Suppl
2 96	F	-	1 Py	S	Suppl
97	FR	0.8	1 Py	S	Suppl
98	FFern	0.6	1 Py	S	Suppl
99	F	1.0	1 Py	M	Suppl
100	F	1.2	4 Py	S	Suppl
1 101	Thicket			S	Suppl
102	Thicket		2 Py	S	Suppl
103	F	0.3	1 Py	S	Suppl
104	F	0.1	-	S	Suppl





(4)

Row	Sex	Age	Weight	Wing	Location
1	F	1 Dy	0.6	3.0	Sup 12
2	F	1 Dy	0.2	1"	Sup 12
3	F	0	0.3	1"	Sup 12
4	F	1 Dy	0.5	5	Sup 12
5	F	B/B	0.2	1/2"	Sup 12
6	F	1 Dy	0.5	1"	Sup 12
7	F	0	0.3	1/2"	Sup 12
8	R	0	1.2	5	Sup 12
9	R	B/B	1.2	2"	Sup 12
10	R	0	1.0	5	Sup 12
11	R	0	1.0	5	Sup 12
12	R	3 B/B	1.2	1"	Sup 12
13	F	1 Dy B/B	0.3	5	Sup 12
14	F	1 Dy B/B	0.4	1/2"	Sup 12
15	F	2 Dy B/B	0.3	1/2"	Sup 12
16	F	1 Dy B/B	0.3	1"	Sup 12
17	F	2 B/B	0.3	1/2"	Sup 12
18	F	1 Dy B/B	0.5	5	Sup 12
19	F	1 Dy B/B	0.3	5	Sup 12
20	F	B/B	0.2	1/2"	Sup 12
21	F	3 B/B	0	1/2"	Sup 12
22	S	1 B/B	1.5	5	Sup 12
23	S	0	1.4	1"	Sup 12
24	R	0	1.4	1"	Sup 12
25	F	1 B/B	0.6	1/2"	Sup 12
26	F	1 B/B	1.0	1"	Sup 12

(8)

overlap between 16
Sep 13 - 500
15 9-10-11-12-13-14-15-16

Extend rows 7-5
to include
Sep 16 - overlap
and 500
no 500
by
1800
area

28	F	0.5	4 BB	1/2"	Sup 12	60	FG	0.3	1 BB	1"	Sup 13
28	G	0.2	5 BB	1/2"	Sup 3	61	R	0.6	1 BB	1/2"	Sup 13
29	F	0.3	3 BB	S	Sup 12	62	F	1.0	3 BB	S	Sup 13
30	Blackberry	0.3	1 BB	S	Sup 2	63	F	1.0	2 BB	1/2"	Sup 13
31	F	0.7	1 BB	1"	Sup 12	64	F	0.1			
32	F	0.1	1 BB	S	Sup 12	65	"	0.1	Shrub		Sup 13
39	O	0	1 BB	1/2"	Sup 12	66	F	0.1	Shrub		Sup 13
40	FG	0.1	2 BB	S	Sup 12	"	F	0.1	Shrub		
41	FG	0.1	4 BB	S	Sup 12	"	F	0.2			Sup 13
42	FG	1.3	2 BB	S	Sup 11	69	FG	0.6	1 BB	S	Sup 13
43	FR	1.2	4 BB	1"	Sup	70	FG	0.2	1 BB	3"	Sup 13
44	FG	0.6	2 BB	1/2"	Sup 11	71	FG	0.2	1 BB	1"	Sup 13
6	FR	0.6	1 Alder	1"	Sup 12	72	FG	0.2	1 BB	P	Sup 13
46	GR	1.0	0	3"	Sup 12	73	FR	0.6	0	1"	Sup 13
47	U	U	1 BB	1"	Sup 12	74	FR	0.4	0	2"	Sup 13
48	F	0.2	1 BB	S	Sup 12	75	F	0.3	0	S	Sup 13
49	FG	0.6	0	S	Sup 12	76	FG	0.3	0	M-	Sup 16
50	F	1.0	2 BB	S	Sup 13	77	FG	0.6	0	M-	Sup 16
51	F	0.6	2 BB	1"	Sup 13	78	FG	0.6	0	S	Sup 14
52	U	0	4 BB	1"	Sup 13	79	FG	0.8	0	1/2"	Sup 14
53	F	0.1	3 BB	S	Sup 12	80	FG	0.2	0	S	Sup 14
54	F	0.2	1 BB	P	Sup 13	81	F	1.4	1 BB	S	Sup 14
55	F	0.2		P	Sup 13	82	F	1.0	1 BB	1/2"	Sup 14
56	F	0.2	4 BB	S	Sup 13	83	FG	0.3	1 BB	1/2"	Sup 14
57	G	0.8	0	2"	Sup 13	84	F	0.6	0	S	Sup 14
58	G	0.6	0	3"	Sup 11	85	G	0.6	1 BB	S	Sup 14
59	FG	0	0	1/2"	Sup 13	86	G	0.6		S	Sup 13

(X)

* - non-staying bird
Linn

Row 6 columns → 0 0 1BB 8" Sump 14-15
 87 G 0.3 0 1" Sump 14
 88 G 0.4 0 3" Sump 14
 89 FG 0.4 0 2" Sump 14
 90 FG 0.6 1BB 2" Sump 14
 91 S 1.4 BB 2" Sump 14
 92 SF 1.5 1BB 2" Sump 14
 93 willow checked
 94 "

Row 5 92 ~~willow~~ 1.2 2" Sump 14
 90 slope 1.4 willow 2" Sump 14
 91 RS 1.2 0 S Sump 14
 92 G 0.6 2BB 2" Sump 14
 93 GF 0.5 0 1" Sump 14-15
 94 GF 0 0 2" Sump 14-15
 95 G 0.3 0 1" 14-16
 96 0 0 0 12" 14-16

Row 4
 97 0 0 0 12" 14-16
 98 G 0.3 0 3" 14
 99 G 0.3 0 2" 14
 100 GR 1.0 0 3" 14
 101 GR 0.6 willow 3" 14
 102 R 1.2 0 3" 14
 103 RF 1.2 BB 3" 14
 104 RF 1.0 2BB willow 3" 14

Row 3 101 R 1.2 20g 3" July
 100 " " " " " "
 107 RF 1.2 1BB 3" July
 108 RF 0.6 1BB 3" July
 109 G 0.6 1BB 3" July
 110 RF 1.2 BB 12" July
 111 R 1.2 0 3" July
 112 R 1.2 0 2" Sump 14
 113 R 1.2 R-L 3" Sump 14
 114 R 1.2 Alder 7" Sump 14
 Row 2 R Alder 7" Sump 14

Row 1 (helping across next)
 115 G 1.0 0 S Sump 13
 116 G 0.3 0 S Sump 13
 117 GF 0.4 0 S Sump 13
 118 G 0.3 0 S Sump 13
 119 F 0.8 0 S Sump 13
 120 F 0.8 0 S Sump 13
 121 F 0.8 0 S Sump 13
 122 F 0.8 1BB S Sump 13
 123 RF 0.6 1BB 1BB S Sump 13
 124 F 0.2 20g S Sump 13

Row 24
 125 BB willow 3" 14
 126 BB willow 3" 14

(4)

130	F	0.2	2-4 Dy level	S	Sup 13
131	F	0.2	30 Dy level	S	Sup?
132	F	0.2	30 Dy level	S	Sup?
133			BBB Dy level	P	Sup 16
134	FG	0.2	BP Dy level	S	Sup 16/Sup 13
135	G	1.0	U	S	Sup 13/Sup 16
136	FG	0.6	U	P	Sup 13
137	FG	0.6	U	S	Sup 13
138	FG	0.6	U	S	Sup 13
139	F	0.8	U	S	Sup 13
140	FG	0.2	U	S	Sup 13
141	G	0.4	U	S	Sup 13
142	GR	0.5	U	S	Sup 13
11	MS	1.2	U	S	Sup 13
144	FG	0.6	U	S	Sup 13
145	GO	0.3	U	1/2	Sup 13
146	G	0.3	U	1/2	Sup 13
147	FG	0.3	U	1/2	Sup 13
148	FG	0.6	U	P	Sup 13
149	F	0.3	U	S	Sup 13
150	FG	0.3	BBB	S	Sup 13?
151			BBB	V	Sup 16
152			BBB	1"	Sup 16?
153			BBB 3"		Sup 16
154	OU		BBB	1"	Sup 16
155			Sup 16		
156			1"	1M-16	Sup 16

Row 12	157	Sol	L	BD	1"	Sup 16
	158	Sol-a		BD	1"	Sup 16
	159	Sol-d	-	BBB	1"	Sup 16
	160	FG	0.6	0	2"	Sup 13
	161	FG	0.4	0	2"	Sup 13
	162	F	0.6	BBB	1"	Sup 13
	163	G	0.5	0	3"	Sup 13
	164	FG	0.4	0	1/2	Sup 13
	165	FG	0.3	0	1/2	Sup 13
	166	G	0.4	0	1"	Sup 13
	167	L	0.4	0	5	Sup 13
Row 3	168	G	0.4	0	2"	Sup 13
	169	GR	0.4	0	4"	Sup 13
	170	F	0.4	0	1"	Sup 13
	171	G	0.4	0	1"	Sup 13
	172	F	0.6	0	5	Sup 13
	173	F	0.4	0	1"	Sup 13
	174	FG	BBB	BBB	1/2"	Sup 13
	175	FG	1"	0	1/2	Sup 13
	176				1/2"	Sup 16?
	177					"
	178					"
	179					"
	180					"
	181					"
	182					"
	183					"
	184					"
	185					"
	186					"
	187					"
	188					"
	189					"
	190					"
	191					"
	192					"
	193					"
	194					"
	195					"
	196					"
	197					"
	198					"
	199					"
	200					"

BBB correct 1/2" Sup 16?

Sup 13

(7)

28 SW

Row 14	119	FL	0.4	1BB	1"	Sy 20
	120	FL	0.3	1BB	1"	Sy 13
	121	FL	0.4	U	1"	Sy 10
	122	F	0.5	2B	1"	Sy 13
	123	FL	0.4	U	S	Sy 13
	124	FL	0.6	1BB	S	Sy 10
	125	FL	0.6	U	S	Sy 15?
	126	FL	0.6	U	S	Sy 15
	127	FL	0.4	U	S	Sy 14
Row 15	128	FL	0.4	U	S	Sy 14
	129	FL	1.0	U	S	Sy 14
	130	F	0.8	U	S	Sy 12
	131	F	0.6	U	S	Sy 12
	132	F	0.8	U	P	Sy 12?
	133	F	0.4	U	P	Sy 12
	134	F	0.6	U	P	Sy 12
	135	F	1.0	U	P	Sy 12
	136	F	1.0	2BB	P	Sy 12
	137	F	1.2	2BB	P	Sy 12
	138	F	0.6	2BB	P	Sy 12
Row 16	139	F	0.6	1BB	P	Sy 12
	140	F	1.0	U	P	Sy 12
	141	F	1.0	BB/1/2	P	Sy 12
	142	F	1.2	BB/1/2	P	Sy 12
143		F	0.8	U	P	Sy 12

143	F	0.6	1BB	P	Sy 12
144	F	0.5	1BB	P	Sy 12
	F	0.2	BB	P	Sy 12
	F				
145	F	0.4	BB	P	Sy 12
146	F	0.3	BB	P	Sy 12
147	F	1.0	BB	P	Sy 12
148	F	0.4	BB	P	Sy 12
149	F	0.8	U	P	Sy 12
150	F	0.8	U	P	Sy 12
151	F	0.8	U	M	Sy 15?
152	F	0.2	U	M-S	Sy 12
Row 18 - ch. 1.5 orientation					
153	F	0.6	U	S	Sy 12
154	F	0.6	U	S	Sy 12
155	F	0.6	U	P	Sy 12?
156	FL	0.4	U	P	Sy 12
157	F	0.5	U	P	Sy 12
158	F	0.2	U	P	Sy 12
159	F	1.0	P	P	Sy 12
160	F	0.8	U	P	Sy 12
161	F	1.0	U	P	Sy 12
162	F	0.4	U	P	Sy 12
163	F	0.4	U	P	Sy 12
164	F	0.4	U	P	Sy 12
165	F	1.0	U	P	Sy 12
166	F	0.4	U	P	Sy 12
167	F	1.0	2P	P	Sy 12
168	F	1.0			
169	F	1.0			

(7)

119	F	0.9	1 Day	D	Sy 12
120	F	0.6	0	D	Sy 12
121	F	1.1	1 Day	D	Sy 12
122	F	0.6	0	D	Sy 12
123	F	0.3	0	D	Sy 12
124	G	0.3	0	M	Sy 16
125	G-R	0.5	0	M-S	Sy 16
126	G	0.3	0	M	Sy 16
127	G-F	0.6	0	M	Sy 16
128	G	0.8	0	S	Sy 16
129	F	0.6	0	M	Sy 16
130	F	1.2	0	D	Sy 12
131	F	0.8	0	D	Sy 12
132	G-F	0.6	0	D	Sy 17
133	G-F	0.8	0	D	Sy 17
134	G-F	0.8	0	D	Sy 17
135	F	0.8	2 BB 1 Day	D	Sy 12
136	F	0.8	0	D	Sy 12
137			Pruned th...		
138					
139	F	1.0	2-3 Bswl	D	Sy 12
140	F	1.0	"	D	Sy 12
141	F-G	0.6	0	D	Sy 12
142	F	1.0	0	P	Sy 12
143	F	0.8	0	D	Sy 12
144	F	1.0	2 BB	D	Sy 12
145	G-F	0.6	0	D	Sy 12

144	F	0.8	0	D	Sy 12
145	G	0.8	1 BB	M	Sy 12
146	G	0.6	0	M	Sy 16
147	G-F	0.6	0	S	Sy 16
148	G-F	0.8	0	M-S	Sy 16
149	G	0.6	0	M-S	Sy 16
150	G	0.6	1 BB	M	Sy 12
151	G	0	2 BB	M	Sy 17
152	F	1.2	2 BB	D	Sy 12
153	F	0.6	0	M	Sy 12
154	FR	0.6	0	D	Sy 12
155	FR	0.4	0	D	Sy 17
156	F	0.4	0	D	Sy 17
157	F	1.0	0	D	Sy 12
158	F	1.2	0	D	Sy 12
159	F	0.6	0	P	Sy 17
160					
161	F	0.6	0	P	Sy 12
162	F	0.6	0	P	Sy 12
163	F	1.2	0	D	Sy 12
164	F	0.6	0	P	Sy 17
165					
166					
167	F	0.6	0	P	Sy 12
168	F	0.6	0	P	Sy 12
169	F	0.6	0	D	Sy 12
170	F	0.4	1 Day	D	Sy 17
171	F	0.6	1 Day	D	Sy 12
172	F	0.6	0	D	Sy 12
173	G	0.6	0	M	Sy 12
174	F	0.6	0	M	Sy 17
175	F	0.6	1 BB	D	Sy 17

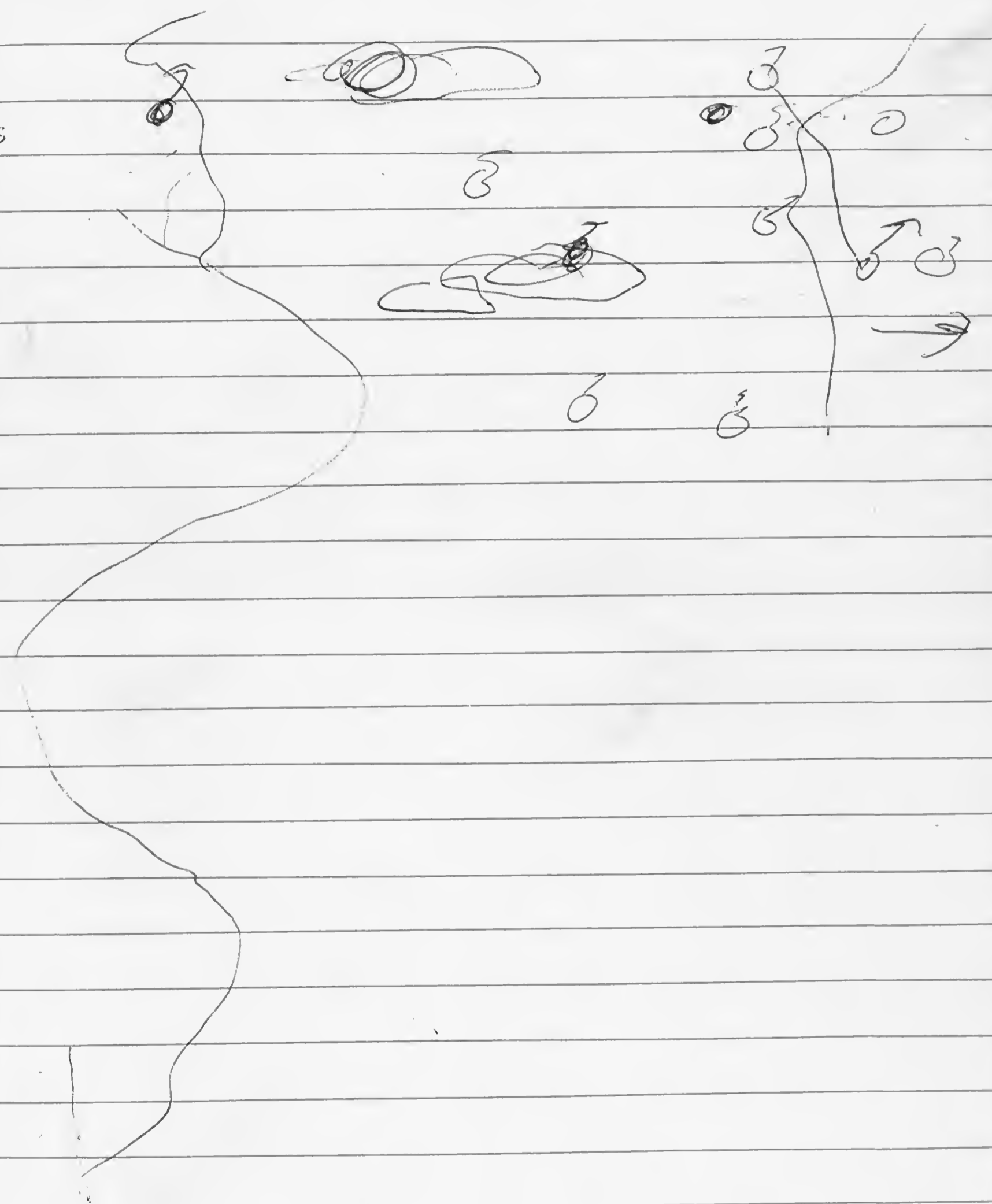
(8)

176	GR	0.6	0	M-S	Sup 16
177	FL	0.6	0	S	Sup 16
178	FL	0.6	0	S	Sup 16
179	F	0.8	0	M-S	Sup 16
180	FC	0.8	0	M-S	Sup 16
181	F	0.8	0	M	Sup 16
182	F	0.6	0	M	Sup 16
183	FC	0.6	0	M	Sup 16
184	FC	0.8	0	M	Sup 16
185	F	0.6	0	M	Sup 16
186	F	0.8	0	M	Sup 16
187	F	0.6	0	M	Sup 16
188	F	0.8	0	M	Sup 16
189	F	0.8	0	M	Sup 16
160	F	0.2	2P3	P	Sup 16
23 161	F	0.6	2P3	P	Sup 16
162	-	-	-	-	-
163	F	0.3	2P3	P	Sup 16
164	F	0.8	0	P	Sup 11
165	F	0.8	BB	P	Sup 18
166	FL	0.6	0	P	Sup 18
167	F	0.7	BB/P	P	Sup 18
168	G	0.4	0	M	Sup 18
169	G	0.4	0	M	Sup 18
170	F	0.6	0	M	Sup 18
171	G	0.6	0	M	Sup 18

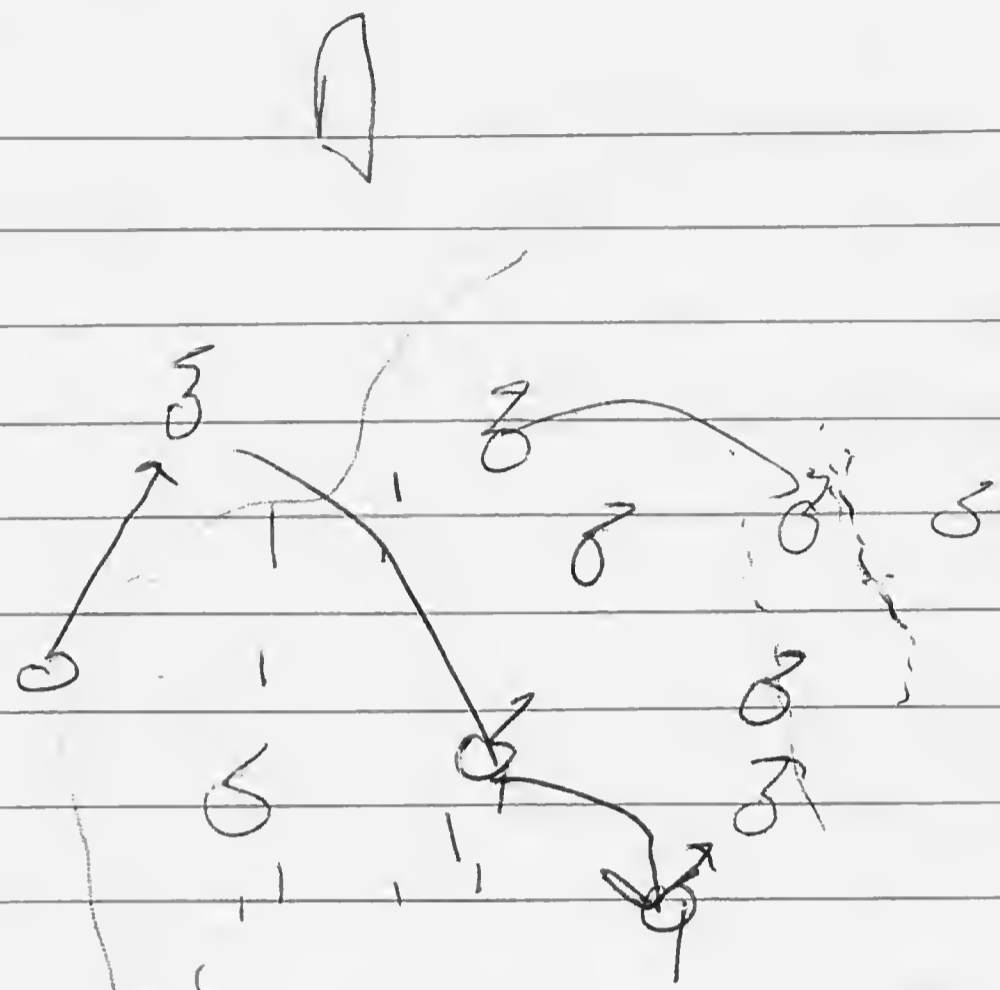
rested row

9 colored bird
E. 15. 17

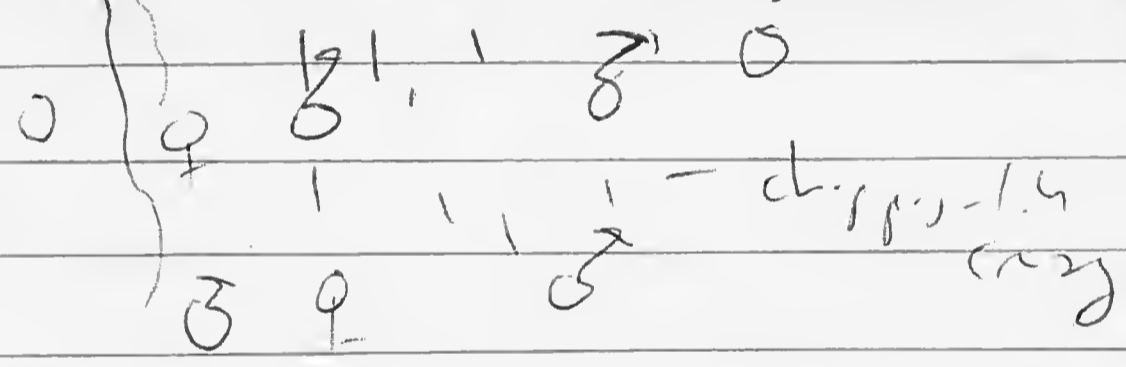
23



23?



● - 5000 sq ft
 5000 sq ft
 5000 sq ft



5
 both 15 + 16 have nests
 14 7 + 16 - bird with moth

(X)

23 A

172	F	0.6	0	S	Sep 16
173	G	0.6	0	S	Sep 16
174	G	0.6	0	S	Sep 16
175	GF	0.6	0	S	Sep 16
176	G	0.6	0	S	Sep 16
177	FG	0.6	0	S	Sep 16
178	FG	0.2	0	S	Sep 16
179	F	0.6	0	S	Sep 16
180	FR	0.6	0	S	Sep 16
181	RF	0.6	0	S	Sep 16
182	RG	0.6	0	S	Sep 16
183	FR	0.6	0	1/2	Sep 16
184	GF	0.6	0	S	Sep 16
185	G	0.6	0	M	Sep 16
186	G	0.6	0	M	Sep 16
187	G	0.3	0	S	Sep 16
188	G	0.5	0	S	Sep 16
189	G	0.4	0	S?	Sep 16
190	"	"	"	"	"
191	GF	0.3	0	S	Sep 16
192	G	0.3	0	S	Sep 16
193	GF	0.6	0	S	Sep 16
194	G	0.6	0	S	Sep 16
195	FG	0.4	0	S	Sep 16
196	GF	0.4	0	S	Sep 16

21

197	FG (Fem)	0.6	0	S	Sep 16
198	FG	0.6	BBB	S	Sep 16
199	FG	0.4	0	S	Sep 16
200	FR	0.5	BBB	S	"
201	Penobscot	0.5	BBB	S	"
202	FR	0.6	0	S	Sep 16
203	R Pen	0.4	0	S	Sep 16
204	GF	0.18	0	S	Sep 16
205	FG	0.3	0	S	Sep 16
206	F	0.6	0	S	Sep 16
207	FG	0.7	BBB	S	Sep 16
208	FG	0.3	0	S	Sep 16
209	"	"	"	"	"
210	"	"	"	"	"
211	FG	0.3	BBB	S	Sep 16
212	FG	0.4	0	S	Sep 16
213	G	0.2	0	S	Sep 16
214	G	0.3	BBB	S	Sep 16
215	FG	0.5	0	S	Sep 16
216	GF	0.3	0	S	Sep 16
217	FFem	0.4	0	1/2	Sep 16
218	FR	0.4	0	S	Sep 16
219	FR	0.6	0	S	Sep 16
220	FR	0.8	0	S	Sep 16
221	Fem FG	0.4	0	S	Sep 15
222	"	"	"	"	"

18

1160 pts down

(X)

222	F6	0.8	0	S	Suplt
223	FGR	0.4	0	S	Suplt
224	GF	0.1	0	S	Suplt
225	FR	0.4	0	S	Suplt
226	SP	0.3	0	S	Suplt
227	FS	0.4	0	S	Suplt
228	FS	0.4	0	S	Suplt
229	F	0.9	0	S	Suplt
230	F	1.0	0	S	Suplt
231	6' Bay	0.7	0	S	Suplt
232	6' Bay - F	0.4	0	S	Suplt
233	GR	0.4	0	S	Suplt
234	Cree - 6' F	0.4	0	S	Suplt
235	Cree - F	0.4	0	S	Suplt
236	Cree F	0.4	0	S	Suplt
237	F Cree	0.5	0	S	Suplt
238	Cree F	0.6	0	S	Suplt
239	Cree bay F	0.5	0	S	Suplt
240	FR	0.4	0	S	Suplt
241	6' Cree F	0.5	0	S	Suplt
242	Edge	0.3	0	S	Suplt
243	F6	0.8	0	S	Suplt
244	6' Cree - F	1.0	0	S	Suplt
245	Cree F	0.4	0	S	Suplt
246	Cree	0.5	0	S	Suplt
247	F bay	0.1	0	S	Suplt

248	F 36	0.4	0	S	Suplt
249	FR	0.4	0	S	Suplt
250	R	0.8	0	S	Suplt
251	Cree - F	0.6	0	S	Suplt
252	Cree F	0.4	0	S	Suplt
253	Cree F	0.5	0	S	Suplt
254	Cree	0.5	0	S	Suplt
255	Cree	0.5	0	S	Suplt
256	F Cree	0.5	0	S	Suplt
257	"	"	"	"	"
258	Cree	0.5	0	S	Suplt
259	Cree	0.4	0	S	Suplt
260	F - Cree	0.5	0	S	Suplt
261	F Cree	0.5	0	S	Suplt
262	Cree	0.5	0	S	Suplt
263	F - Cree	0.5	0	S	Suplt
264	F Cree	0.5	0	S	Suplt
265	Cree - F	0.5	0	S	Suplt
266	R - F	0.6	0	S	Suplt
267	R - F	0.5	0	S	Suplt
268	Cree - F	0.5	0	S	Suplt
269	Cree - F	0.5	0	S	Suplt
270	Cree - F	0.6	0	S	Suplt
271	G - F	0.2	0	S	Suplt
272	F	0.5	0	S	Suplt
273	Cree F	0.5	0	S	Suplt

(4)

274	F	0	0	1"	Sept
280	Cree-bass	0	0	1/2	Sept 13
281	Cree	0	0	1/2	Sept 10
282	Cree-Jwb	0.4	0	S	Sept 12
283	"	"	"	"	"
284	Cree	0.2	0	S	Sept 12
285	Cree	0.4	0	1/2"	Sept 18
286	Cree F	0.6	0	1/2	Sept
287	Cree	0.8	3BB	1/2	Sept 15
288	F-Cree	0.6	BB	1"	Sept 10
289	Cree-F	0.4	BB	2"	Sept 15
290	Cree-F	0.4	0.7	1"	Sept 10
291	Cree F	0.4	Willow	2"	Sept
292	Cree-F	0.6	0	1"	Sept
293	R-F	0.8	0	1"	Sept 11
294	Cree-b	0.8	Willow	1"	Sept 18
295	Cree	0.4	BB	3"	Sept 18
296	Cree	0.6	BB	3"	Sept 15
297	"	0.6	BB	3"	Sept
298	"-F	0.4	BB	2"	Sept
299	Cree	0.6	BB	1"	Sept 18
300	Cree	0.6	0	1"	Sept 11
301	Cree	0.6	0	1/2	Sept 10
302	F-Cree	0.4	0	1/2	Sept
303	F-Cree	0.6	0	S	Sept 12
304	F-Cree	0.2	0	S	Sept 15

305	F-Cree	0.2	0	S	Sept 11
306	F-Cree	0.8	0	2"	Sept 18
307	Cree	0.8	0	1/2"	Sept 12
308	Cree	0.6	0	1"	Sept 15
309	Cree	0.6	BB	1/2"	Sept 5
310	Cree-F	0.6	0	1/2	Sept 10
311	F-Cree	1.2	BB	S	Sept 12
312	Cree	0.1	BB	2"	Sept 10
313	"	"	BB	"	"
314	Cree	0.6	2BB	2"	Sept 15
315	Cree	0.4	2BB	2"	Sept 12
316	Cree	0.4	0	3"	Sept 10
317	Cree	0.5	0	1/2"	Sept 18
318	Cree-F	0.6	0	S	Sept 15
319	Cree-F	0.6	0	S	Sept 15
320	Cree	0.4	0	S	Sept 12
321	Cree-F	0.4	0	S	Sept 14
322	Cree	0.4	0	S	Sept 14
323	Cree	0.3	0	S	Sept 12
324	Cree	0.6	2BB	S	Sept 18
325	F	1.2	BB	3"	Sept 14
326	Cree	0.4	0	3"	Sept
327	Cree	0.4	0	S	Sept 18
328	Cree-F	0.4	0	1/2	Sept 18
329	Cree	0.3	2BB	2"	Sept 14
330	C-F	0.6	BB	1"	Sept 14

(X)

33 1/6

0.4 0 S Sy 14

Continuing on row 23

332 Crex-462 0.6 ~~UB~~ M Song/16

333 Crex-4 0.4 ~~UB~~ M Song/16

334 Crex 0.6 0 M Song/16

337 Forbes 0.8 ~~UB~~ M Song/16

338 C-Forbes 0.6 ~~UB~~ M Song/16

337 Crex-4 0.6 ~~UB~~ M Song/16

338 F 0.8 0 P Song/16

339 F 0.6 0 P Song/16

340 F 0.6 0 P Song/18

341 F 1.0 10 P Song/18

342 F 0.8 "Rose" P Song/18

343 F 1.2 Ry D Song/22

344 Ry wood 2ch P "

345 " " 8 "

346 " " " "

347 Ry wood " " "

348 " BB 4 " "

349 " BB " " "

350 F 1.2 BB Ry P Song/18

351 F 0.8 BB P Song/18

352 F 0.8 Ry P Song/18

353 F 0.8 2 Ry P Song/18

354 Crex 0.4 1 BB M Song/18?

354 Crex 0.4 0 M Song/18

356 C-F 0.4 0 M Song/18

357 Crex 0.6 0 M Song/18

358 Crex 0.6 0 M Song/18

359 C-F 0.6 0 D Song/18

360 F 0.4 0 D Song/18

361 F-S 0.6 0 M-S Song/18

362 F 0 0 D Song/22

363 F 0.6 0 D Song/18

364 F 0.4 0 D Song/18

365 F 0.6 BB D Song/18

366 F 0.0 BB D Song/18

367 F 0.8 BB D Song/18

368 Ry wood 11.4 P

369 " 0.2 Ry wood D Song/18

370 Ry wood

371 Ry wood 11.4

372 F 0.0 Ry "P" Song/18

373 F 0.6 0 "P" Song/18

374 F 0.8 ~~BB~~ P Song/18

375 F 0.8 0 D Song/18

376 F 0.8 2 BB D Song/18

377 G 0.6 BB P Song/18

378 F 0.4 0 D Song/18

379 FL 0.5 0 P Song/18

380 Crex 0.4 0 3" Song/16?

381 Crex 0.4 0 D

(X)

... has distinctly changed
soil moisture conditions - all
over here about 2000

382	Gay-F	0	0	D	Sep 18?
383	Gay-F	0	0	D	Sep 18
384	Gay-F	0	0	D	Sep 18??
385	Rush	1.2	0	D	Sep 18
386	Gay	0.8	0	D	Sep 18?
387	G	0.8	0	D	?
388	R	0.8	0	S	Sep 12
389	Gay-F	0.4	0	S	Sep 12
390	Gay-F	0.5	0	1/2"	Sep 17
391	F	0.5	0	S	Sep 12
392	F-L	0.4	0	1/2	Sep 12
393	F-L	0.4	0	1/2	Sep 12
394	F	0.8	0	S	Sep 12
395	F-R	0.4	0	2"	Sep 12
396	F-R	0.6	0	1/2"	Sep 17
397	F-R	0.9	D	1/2"	Sep 12
398	Gay	0.0	Alv	1/2"	Sep 12
399	R	1.0	Willow	S	Sep 12
400	F-R	1.0	Willow	S	Sep 12
401	Gay	2.8	(300)	S	Sep 12
402	F-L	2.8	(Alv 300)	2"	Sep 12

Hand-drawn field map with various points, circles, and lines. Annotations include "Little", "Weg out of ...", "bathy", "willow, BOD", and "403", "404", "405", "406", "407", "408", "409", "410", "411", "412", "413", "414", "415".

403	willow, BOD	1.5	1/2"	Sep 12
404	F-R	1.5	1/2"	"
405	Rush	1.0	S	"
406	F	1.0	S	Sep 12
407	R	0.8	S	Sep 12
408	R	1.2	S	Sep 12
409	P	1.2	S	"
410	F-R	0.2	1/2"	"

(x)

416	FR	1.4	0	S	Sy 12
417	FR	1.0	W	S	Sy 12
418	F	0.3	0	3"	Sy 12
419	F	0.5	0	S	Sy 12
420	F	0.5	0	S	Sy 12
421	F	0.3	0	1/2"	Sy 12
422	F	0.6	0	S	Sy 12
423	Creeper	0.3	U	S	Sy 12
424	Creeper	0.4	U	S	Sy 12
425	F	0.6	0	S	Sy 12
426	F-6	0.4	0	P	Sy 14
427	6	0.8	0	D	Sy 18
428	6	0.5	0	D	Sy 18
429	FL	0.4	0	P	Sy 18
430	F	0.4	0	D	Sy 18
431	6	0.4	0	D	Sy 18
432	FL	0.4	U	P	Sy 18
433	6	0.6	0	D	Sy 18
434	FL	0.5	U	D	Sy 18
435	FL	0.4	0	D	Sy 18
436	F	1.0	0	D	Sy 18
437	F	0.4	0	D	Sy 18
438	FR	0.8	U	D	Sy 18
439	F	0.6	U	D	Sy 18
440	F	1.0	0	D	Sy 18

27

440	FR	0.8	0	D	Sy 18
441	FR	0.8	0	D	Sy 18
442	F	1.0	0	D	Sy 18
443	F	0.8	0	D	Sy 18
444	F	0.8	0	D	Sy 18
445	FL	0.8	0	D	Sy 18
446	FL	0.6	0	D	Sy 18
447	FL	0.6	0	D	Sy 18
448	FL	0.6	0	D	Sy 18
449	F	0.8	0	D	Sy 18
450	6-	0.5	0	P	Sy 18
451	F-6	0.4	0	D	Sy 18
452	FL	0.4	0	D	Sy 18
453	FL	0.3	0	D	Sy 18
454	6	0.4	0	P	Sy 18
455	6	0.4	0	D	Sy 18
456	6	0.6	0	D	Sy 18
457	FL	0.8	0	D	Sy 20
458	FL	0.8	0	D	Sy 20
459	Creeper	0.3	0	S	Sy 17
460	Creeper	0.3	0	S	Sy 17
461	Creeper	0.6	0	S	Sy 17
462	Creeper	0.3	0	S	Sy 17
463	Creeper	0.3	0	S	Sy 17
464	Creeper	0.5	0	S	Sy 17
465	Creeper	0.8	0	S	Sy 17

(7)

506	Ry	0.8	0	S	Sep 12	
507	Sp	0.8	0	S	Sep 12	
508	86-R	0.8	0	S	Sep 12	
509	F-R	0.3	0	1/2	Sep 12	
510	FR	0.2	333	1/2	Sep 12	
511	Grat-F	1.5	333	S	Sep 12	
512	Grat	1.2	111	2 nd	Sep 12	
513	"	"	"	"	"	
514	"	"	"	"	"	
28	515	Grat	1.8	3003	S	Sep 12
28	516	"	"	"	"	"
517	Grat-F	0.8	0	S	Sep 12	
518	F-R	0.3	0	1"	Sep 12	
519	FR	0.3	0	7"	Sep 12	
520	Grat-R	0.3	0	3"	Sep 12	
521	Sp brass-R	0.8	Alv	3"	Sep 12	
522	F-R	0.8	0	1"	Sep 12	
523	Grat-F	0.4	0	S	Sep 12	
524	Grat-F	0.4	0	S	Sep 12	
525	Grat-F	0.4	0	S	Sep 12	
526	Grat	0.3	0	S	Sep 12	
527	Grat-F	0.4	0	S	Sep 12	
528	Grat-F	0.4	0	S	Sep 12	
529	R	0.6	0	P	Sep 12	
530	F-G	0.8	0	P	Sep 12	
531	F	0.8	0	P	Sep 12	

This is where cut - r
 turning jump was!

532	FG	0.6	0	D	Sep 19
533	FG	0.5	0	P	Sep 19
578	F-G	0.5	0	P	Sep 19
575	F-G	0.5	0	P	Sep 19
576	F-G	0.4	0	P	Sep 19
577	Grat-F	0.6	0	P	Sep 19
578	F-Grat	1.2	0	P	Sep 19
579	G-F	0.6	0	P	Sep 19
580	F	0.8	Br	P	Sep 19
581	F-G	0.5	0	P	Sep 19
582	F	0.4	0	P	Sep 19
583	F	0.6	0	P	Sep 19
584	F	0.6	0	P	Sep 19
585	F	0.5	0	P	Sep 19
586	F-G	0.4	0	P	Sep 19
587	F-U	0.4	P	P	Sep 17
588	"	"	"	"	"
29	589	F	Pruned 0.2	thick to	Sep 19
590	F	0.4	0	P	Sep 19
591	F-G	0.5	Pruned	P	Sep 19
592	F	0.5	0	P	Sep 19
593	R	0.8	Br	S	Sep 19
594	F	0.6	0	P	Sep 19
595	F	0.6	0	P	Sep 19
596	F	0.5	0	P	Sep 19

then after it let another sup!

(X)

597	FG	0.4	0	D	Sep 19
598	FG	0.6	0	D	Sep 20
599	FL	0.3	BB	D	Sep 19
600	FG	0.3	0	D	Sep 19
601	FG	0.4	0	D	Sep 19
602	FG	0.4	0	D	Sep 19
603	F	0.6	0	D	Sep 19?
604	G	0.7	0	D	Sep 19
605	F	0.6	0	D	Sep 20
606	G	0.6	0	D	Sep 20
607	GF	0.6	0	D	Sep 20
608	GF	0.6	0	D	Sep 20
609	GF	0.6	0	D	Sep 20
610	GF	0.4	0	D	Sep 20
611	FR	0.3	0	1"	Sep 17
612	Furbier	0.2	0	1/2	Sep 12
613	Furbier	0.2	0	S	Sep 12
614	Furbier	0.2	0	S	Sep 12
615	F-P-2	1.2	0	1"	Sep 12
616	Furbier	0.3	0	1"	Sep 12
617	G-F-0	1.2	0	1"	Sep 12
618	Furbier (with)	1.4	BB	S	Sep 12?
619	BB-willow	thick			
620	"				
621	BB-willow				
622	"				
623	F	0.6	0	S	Sep 12

629	R-F (with)	1.5	Willow	3"	Sep 12
630	F	0.6	BB	S	Sep 12
631	F	0.7	0	S	Sep 12
632	FLow	0.5	0	S	Sep 12
633	FLow	0.4	0	S	Sep 12
634	F	0.3	0	S	Sep 12
635	F	0.2	0	D	Sep 12
636	G-F	0.6	0	D	Sep 20
637	FLow	0.4	0	D	Sep 20
638	FLow	0.5	0	S	Sep 20?
639	G-F	0.6	0	D	Sep 20
640	G-F	0.6	0	D	Sep 20
641	GF	0.4	0	D	Sep 20
642	G-F	0.6	0	D	Sep 20
643	GF	0.6	0	D	Sep 20
644	G	0.6	0	D	Sep 19
645	F	1.0	0	D	Sep 19
646	GF	0.7	0	D	Sep 19
647	GF	0.6	0	D	Sep 19
648	GF	0.5	0	D	Sep 19
649	F	0.5	0	D	Sep 19
650	F	0.4	0	D	Sep 19
651	F	0.6	0	D	Sep 19
652	F	0.6	0	D	Sep 19
653	FG	0.5	0	D	Sep 19
654	Side-F	0.6	0	S	Sep 19

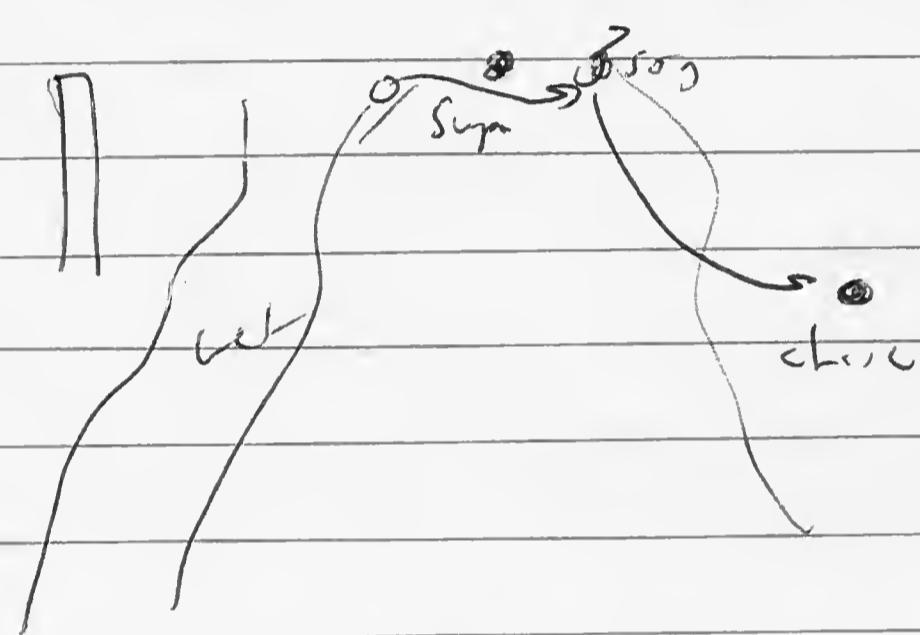
one with sandy wing vein

(+)

*658	R	0.6	D	S	Sy 19	
656	R-R	0.0	U	S	Sy 19	
657	F	0.2	My	D	Sy 19	
659	F	0.5	U	P	Sy 19	
660	FG	0.4	My	P	Sy 19	
661						
31 662	Pymol	0.4				
663						
664						
665						
666	R	0.6	My	P	Sy 19	
667	R	0.8	My	P	Sy 19	
668	FG	0.0	U	P	Sy 19	
669	R	0.0	U	P	Sy 19	
670	FL	0.5	U	P	Sy 19	
671	R	0.0	U	P	Sy 19	
672	R	0.7	U	M	Sy 19	
673	G	0.5	U	P	Sy 19	
674	G	0.0	U	P	Sy 19	
675	GF	0.7	U	P	Sy 19	
676	Grey	0.3	U	P	Sy 19	
677	FG	0.6	U	P	Sy 20	
678	G	0.6	U	P	Sy 20	
679	R	0.8	U	P	Sy 20	
680	G	0.0	U	P	Sy 20	
687	G	0.5	0.0	U	P	Sy 20

652 FG 0.6 0 D Sy 20

7 July - saw ~~one~~ four-capped
 Sup sparrow in S. sparrow - 20
 feeding. chirping ~~and~~ ~~occasionally~~
 but no singing or wily



690	FG	0.6	0	P	Sy 20
	FG	0.8	BD	P	Sy 20
691	Grey	1.0	U	P	Sy 20
692	filarey	0.3	like	"	Sy 17
693	fever	0.5	like	4"	Sy 12
694	fisher	0.6	U	8"	Sy 17
695	fisher	0.6	U	8"	Sy 17
696	fisher	0.4	U	1/2	Sy 12
697	R-F	0.4	U	4"	Sy 12
698	R-F	0.8	U	3"	Sy 17
699	R-L	2.0	U	2"	Sy 12
690	R	2.0	U	2"	Sy 12

* integrated Jap spruce

(X)

657	F-Gth.1	2.0	h.l.w	6"	Sy 12
658	x.th.1	2.2	h.l.w	6"	"
659	l.th.	2.0	↓	6"	"
654		2.2		6"	"
32657	F-R	0.4	2 BBS	S	Sy 12
656	Gth-R	1.5	2 w.l.w	F	Sy 12
657	F-R	0.6	2 w.l.w	S	Sy 12
657	F	0.4	2 BBS	S	Sy 12
657	F	0.6	0	2"	Sy 12
660	R	0.6	0	3"	Sy 12
661	R	0.5	w.l.w	4.2	Sy 12
662	R+T	0.5	0	S	Sy 12
663	Core	0.5	0	S	Sy 17
664	F	0.6	0	M?	Sy 20
665	F	0.8	0	D	Sy 20
660	F	0.6	0	M?	Sy 20
661	F	0.1	0	M	Sy 20
* 662	F-L	0.	0	1"	Sy 20?
663	F	0.6	0	D	Sy 20
664	F	0.6	0	D	Sy 20
665	F	0.7	0	D	Sy 20
* 666	F	0.4	0	P	Sy 20
* 667	F	0.5	0	D	Sy 20
* 668	F	0.4	0	D	Sy 20
* 669	G	0.7	0	D	Sy 20
* 670	G	0.5	0	D	Sy 20

671	R	0.0	0	P	Sy 15
672	R	0.5	0	P	Sy 15
673	R	0.6	0	D	Sy 15
674	R-G	0.6	0	D	Sy 15
675	F-L	0.5	0	D	Sy 15
676	F-L	0.6	BBS	D	Sy 15
677	F-L	0.6	0	D	Sy 15
678	F	0.5	0	D	Sy 15
679	F	0.5	0	D	Sy 15
680	F	0.8	0	D	Sy 15
681	hanging				"
682					"
683					"
684					"
685					"
686					"
687					"
688					"
689					"
690	F	0.6	0	P	Sy 19
691	F	0.6	0	D	Sy 19
692	F	0.6	2 P.S.	D	Sy 19
693	F	0.6	2 P.S.	P	Sy 19
694	F	0.5	0	P	Sy 19
695	F	0.6	0	D	Sy 19
696	F	1.7	0	P	Sy 19
697	F	1.5	0	D	Sy 19



(X)

698	F	1.8	0	D	Sep 19
699	F	0.6	0	D	Sep 19
700	F	1.0	0	D	Sep 20
701	G-F	0.2	0	1/2"	Sep 20
702	G	0.6	0	b	Sep 19
703	F	0.5	0	p	Sep 19
704	F	0.5	0	p	Sep 19
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	0.6	0	M	Sep 20
712	F-R	0.8	0	D	Sep 20
713	F-R	0.6	0	1/2"	Sep 12
714	FR	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	with pistol	S	"
720	FR	0.8	"	S	"
34	721	FR	0.5	" B3	S "
	722	FR	0.0	" B3	S "
	723	FR	0.4	0	S "

724	F	0.8	0	S	Sep 12
725	FG	0.8	0	S	Sep 12
726	F	0.6	0	D	Sep 20
727	F	0.5	0	P	Sep 20
728	F	0.6	0	b	Sep 20
729	F	1.2	with	n	Sep 20
730	F	1.5	with	b	Sep 20
731	F	1.2	2 B3	D	Sep 20
732	F	0.8	0	n	Sep 20
733	F	0.4	0	D	Sep 20
734	F	0.0	0	D	Sep 20
735	F	0.2	B3	b	Sep 20
*736	G	0.5	2 B3	b	Sep 19
*737	F	0.8	0	n	Sep 19
*738	F	0.5	0	n	Sep 19
739	F	0.5	0	n	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	0	10"	Sep 11
744	F	0.8	0	7"	Sep 19
745	F	0.6	0	D	Sep 19
746	G-F	0.5	0	D	Sep 19
747	FG	0.6	0	D	Sep 19
748	F	0.5	0	p	Sep 19
749	FG	0.5	0	D	Sep 19
750	F	0.4	0	p	Sep 19

(X)

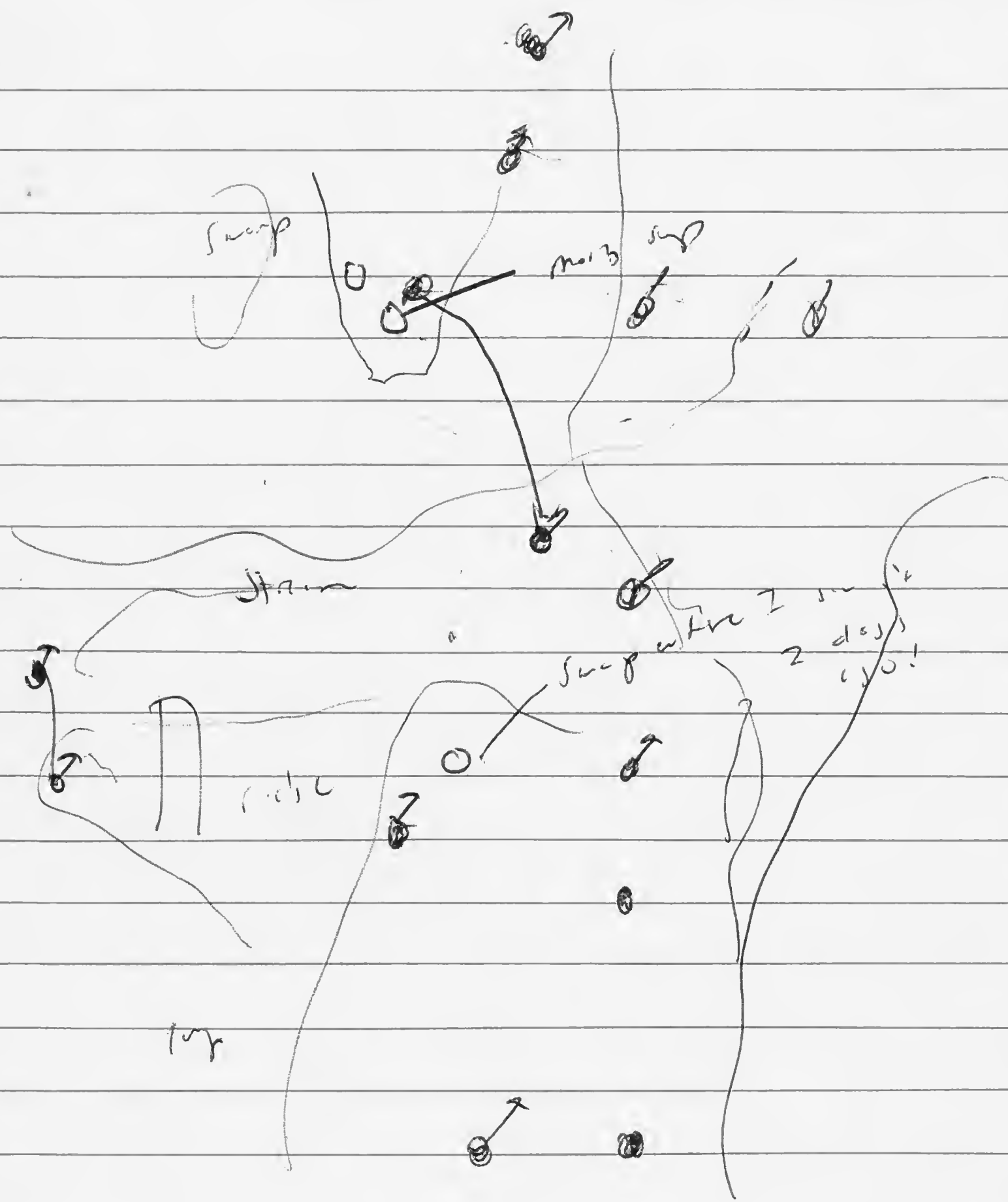
751 - 11g subtle th, h, l
152 " "
153 " "

Returned 10 July do final

but few runs - found Sup
sparrows in small "nest"
in song 14 Friday - one bird
was about but appeared to
be in long nest h-l
the young to be changed to nest
do be a sure bet.

754	F	0.6	Dagwood	D	July 19
755	F	1.2	swell	D	July
756	GF	0.8	Dg.	D	July 19
757	G	0.8	0	D	July 19
758	GF	0.5	0	D	July 19
759	GF	0.4	0	D	July 19
760	GF	0.6	0	D	July 19
761	GF	0.5	0	D	July 19
762	G	0.6	0	D	July 19
763	GF	0.6	0	D	July 19
764	GF	0.5	0	D	July 19

765	F	1.2	0	D	July 19
766	F	0.4	0	D	July 19
767	F	0.5	0	D	July 19
768	F	0.6	BBB	D	July 20
769	F	1.0	Dg	D	July 20
770	F	1.2	BBB	D	July 20
771	F	1.2	0	D	July 20
772	F	1.2	BBB	D	July 20
773	F	1.0	BBB	D	July 20
774	F	1.2	BBB	D	July 20
775	F	1.4	BBB	D	July 20
776	F	0.6	BBB	D	July 20
777	F	0.8	BBB	D	July 20
778	F	0.6	BBB	D	July 20
779	F	0.4	Dg	M	July 17
780	F	1.2	Dg	M	July 17
781	F	0.6	BBB	D	July 20
782	F	0.6	0	D	July 20
783	F	0.6	Dg	D	July 20
784	F	1.2	BBB	D	July 20
785	F	1.2	BBB	D	July 20
786	F	0.8	Dg	D	July 20
787	F	1.0	0	D	July 20
788	F	0.5	0	D	July 20
789	F	0.3	0	D	July 20



(X)

790	F	1.0	0	P	Sep 20	
791	F	0.8	0	M	Sep 20	
792	F	1.0	0	M	Sep 20	
793	F	0.0	0	M	Sep 20	
794	F	0.5	0	M	Sep 20	
795	F	0.4	0	D	Sep 19	
796	F	0.1	0	M	Sep 19	
797	F	0.8	0	P	Sep 19	
798	F	1.2	0	M	Sep 19	
799	G	0.0	0	M	Sep 18	
800	G	0.7	0	M	Sep 18	
801	F	0.8	0	M	Sep 19	
802	G	0.0	0	P	Sep 18	
803	G	0.5	0	P	Sep 17	
804	G	0.5	0	M	Sep 17	
805	F	1.2	0	M	Sep 17	
806	F	1.2	0	M	Sep 17	
807	F	0.4	0	M	Sep 19	
808	F	0.4	0	M	Sep 19	
37	808	F	1.2	0	P	Sep 17
	809	F	1.5	0	P	Sep 19
	805	G	0.4	0	P	Sep 19
	806	G	1.2	0	M	Sep 18
	807	G	0.7	0	M	Sep 18
	808	G	0.0	0	M	Sep 19
	809	G	0.4	0	M	Sep 19

(7)

820	Core	0.4	m	0	Aug 19
821	Core	1.2	D	0	Aug 19
822	F	0.8	D	0	Aug 19
823	F	0.8	P	0	Aug 19
824	F	1.0	D	2 BB	Aug 19
825	F	1.2	D	2 BB	Aug 19
826	F	0.4	D	0	Aug 20
827	F	0.6	D	0	Aug 20
828	F	0.2	D	0	Aug 20
829	F	0.8	D	0	Aug 20
830	F	1.2	D	0	Aug 20
831	F	0.0	m	0	Aug 20
832	F	1.0	D	BB	Aug 20
833	F	0.6	D	0	Aug 20
834	F	0.6	D	0	Aug 20
835	F	0.0	F	3 eggs	Aug 20
836	F	0.8	m	Py	Aug 20
837	F	0.7	D	0	Aug 20
838	F	1.0	D	2 BB	Aug 20
839	F	1.0	D	BB	Aug 20
840	F	0.0	D	w.kw	Aug 20
841	F	0.8	D	0	Aug 20
842	F	1.0	D	BB	Aug 20
843	F	1.5	P	Py	Aug 20
844	F	1.0	F	Py	Aug 20
845	F	0.5	D	0	Aug 20

38

846	F	0.4	D	0	Aug 20
847	F	0.6	D	3 BB	Aug 20
848	F	1.0	D	U	Aug 20
849	F	0.6	D	2 BB	Aug 19
900	F	0.0	b	0	Aug 19
901	F	0.8	D	0	Aug 19
902	F	1.0	D	0	Aug 19
903	F	1.2	D	0	Aug 19
904	G	0.4	D	0	Aug 20
905	F	0.6	D	0	Aug 20
906	G	0.5	D	0	Aug 20
907	G	0.6	D	0	Aug 20
908	Core	0.4	B	0	Aug 20
909	Core	0.2	B	0	Aug 19
910	F	1.2	D	0	Aug 19
911	F	1.2	D	0	Aug 19
912	F	0.8	D	0	Aug 19
913	G	0.5	r	S	Aug 19
914	G	0.6	D	0	Aug 19

Side pts

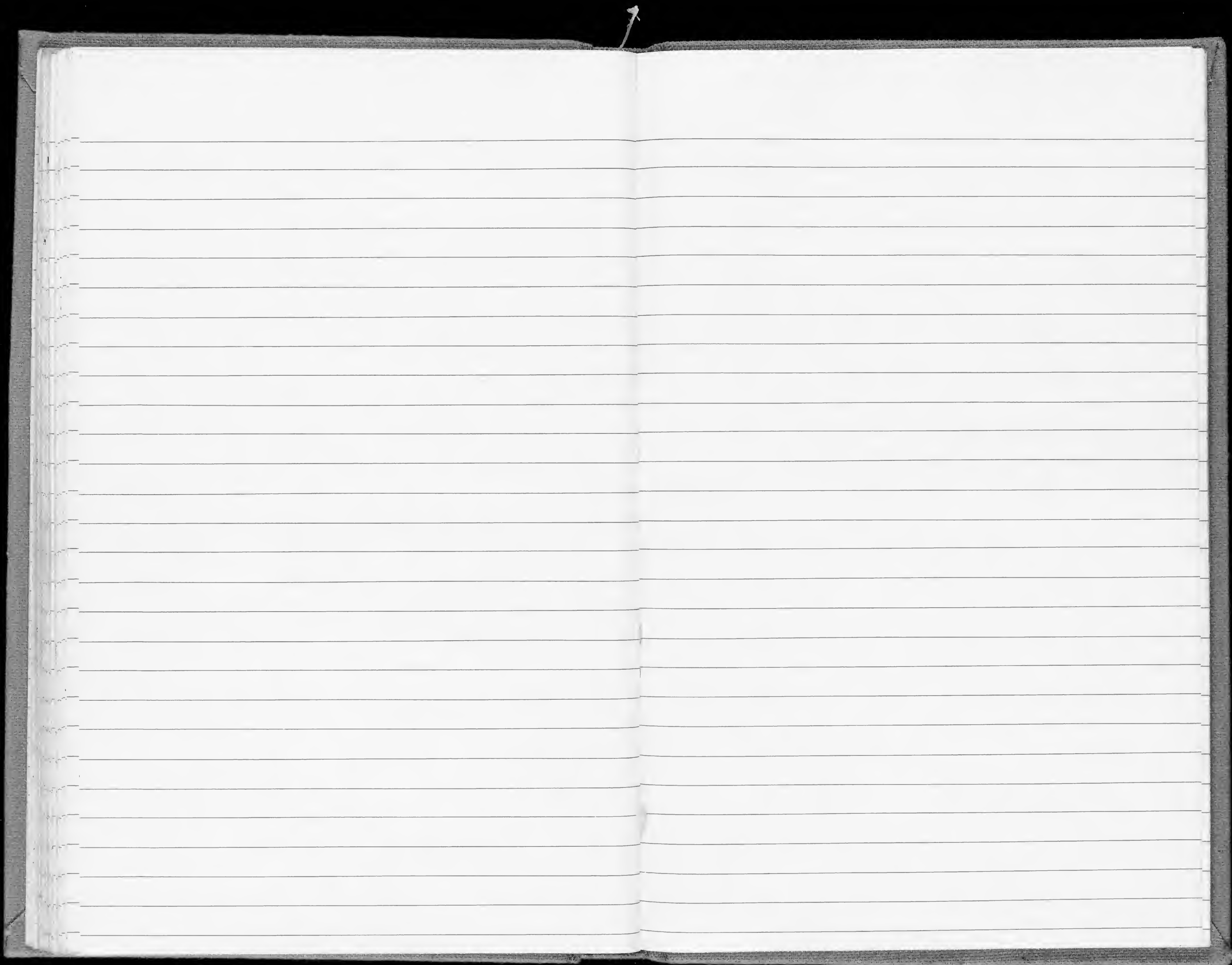
915	G	0.6	D	U	Aug 19
916	G	0.6	D	0	Aug 19
917	F	0.7	D	U	Aug 19
918	G	0.8	D	U	Aug 19

↓ Pure thick

⊗

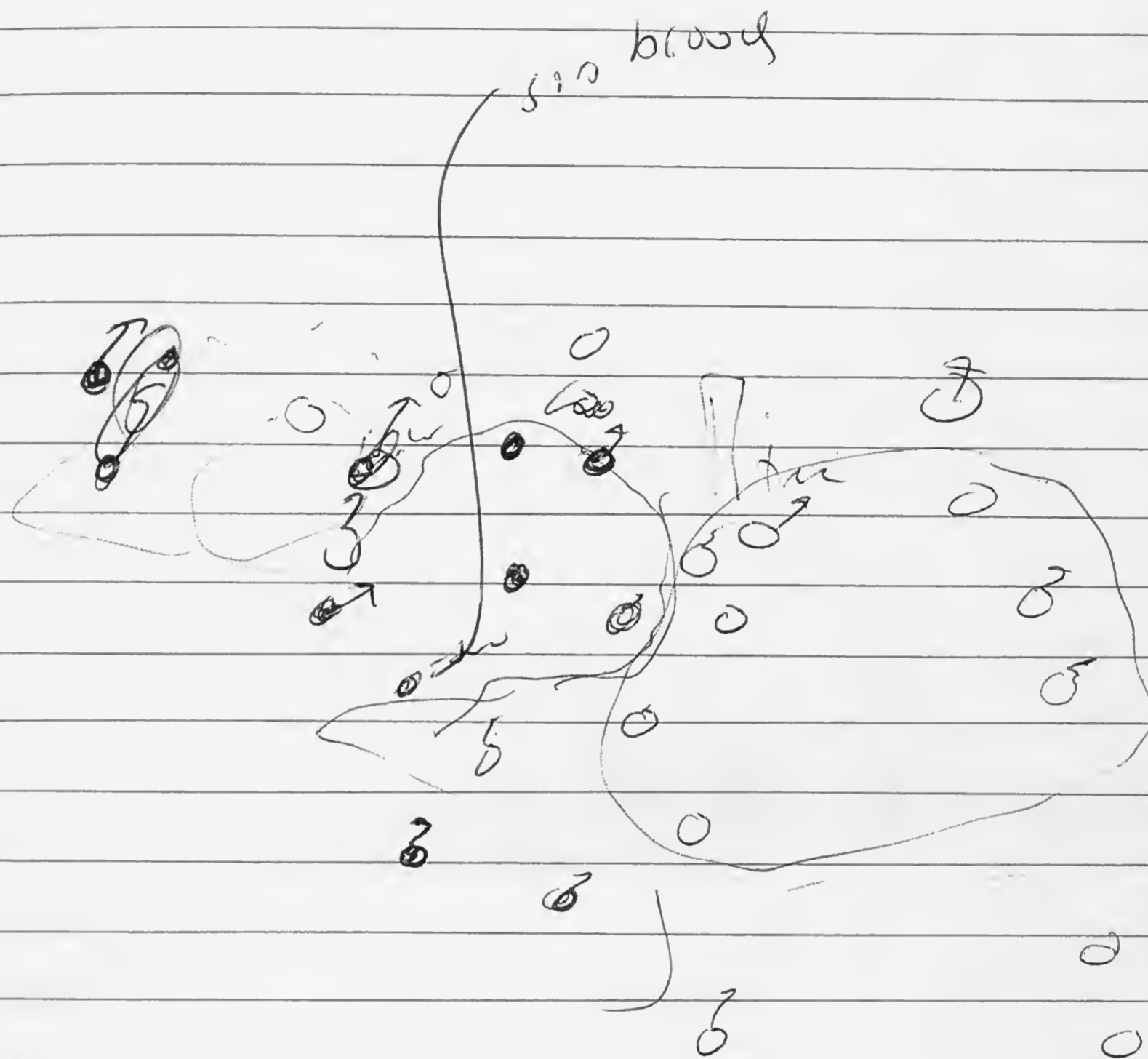
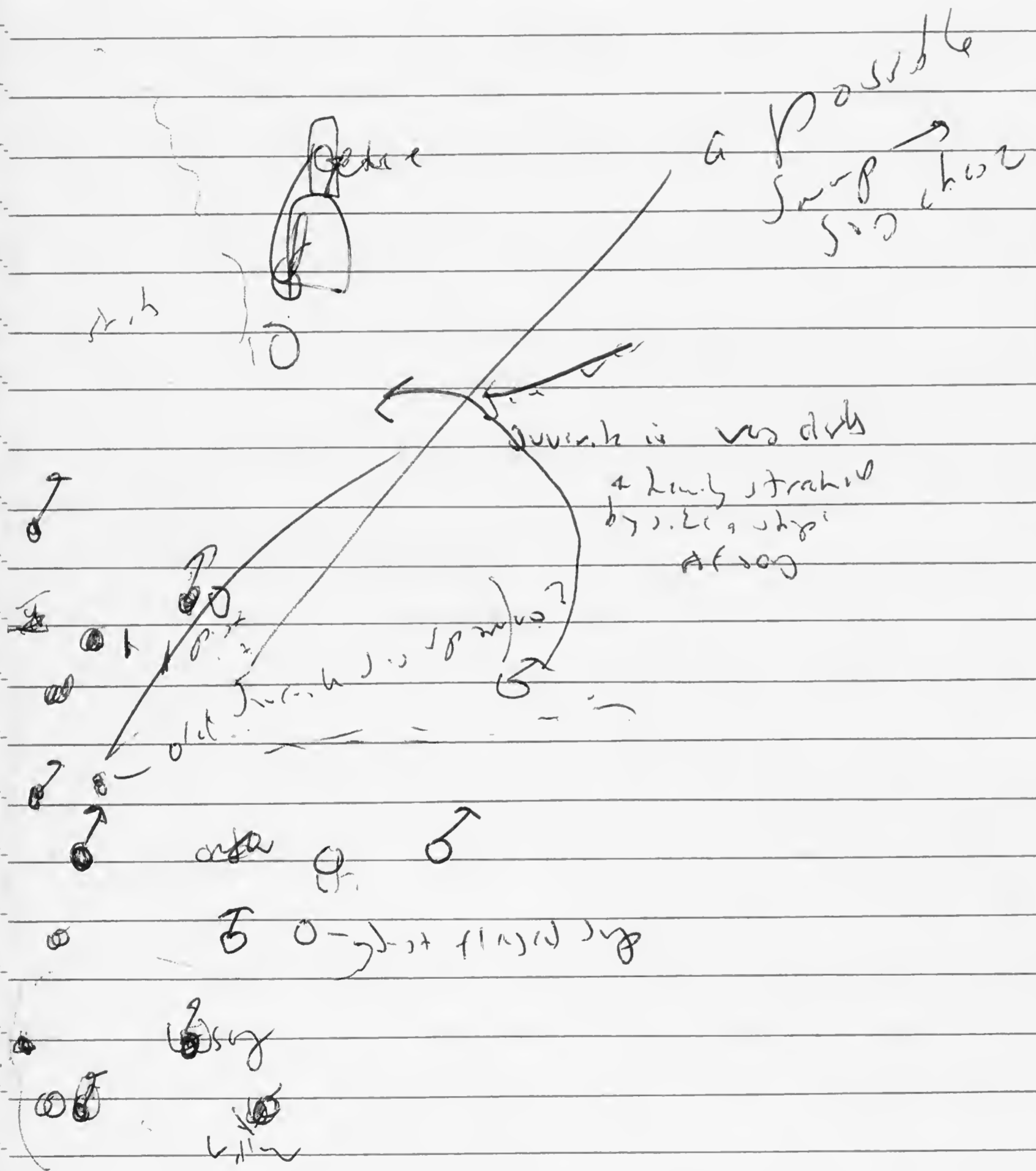
920 F 0.8 2Py 0 Sy17
 921 F6 0.6 0 Sy19
 922 Rose thicket
 923 Bldy thicket
 924 "
 925 F 0.8 No 0 Sy18
 926 F 1.0 2Py 0 Sy19
 927 F 0.7 No 0 Sy20
 928 Pywood thicket Sy20
 929 "
 930 F 1.2 2Py 0 Sy20
 F Pywood 0.6 2Py 0 Sy20
 931 F 1.2 Py 0 Sy20
 932 F 2.0 0 0 Sy22
 933 F Thicket 0 0 Sy20
 934 F 1.2 BB 0 Sy20
 935 F 1.2 Py 0 Sy20
 936 F 1.2 No 0 Sy20
 937 F 1.0 2Py 0 Sy20
 938 F 0.6 Py 0 Sy20
 939 F 0.6 0 0 Sy20
 940 F 0.6 2Py 0 Sy20
 941 F 1.2 2Py 0 Sy20
 942 F 0.6 Py 0 Sy20
 943 F 0.0 Py 0 Sy20

922 F 0.7 Py 0 Sy20
 938 F 0.6 0 Sy20
 939 F 1.2 (F) Py 0 Sy20
 940 F 0.6 Py 0 Sy20
 941 F 0.6 Py 0 Sy20
 942 F 1.0 0 0 Sy20
 942 Pywood thicket Sy20
 943 "
 943 F 1.5 Pywood 0 Sy20
 Pywood thicket
 944 F 2.0 0 0 Sy19
 + Pywood L Sy20
 thicket
 945 F 2.0 0 0 Sy19

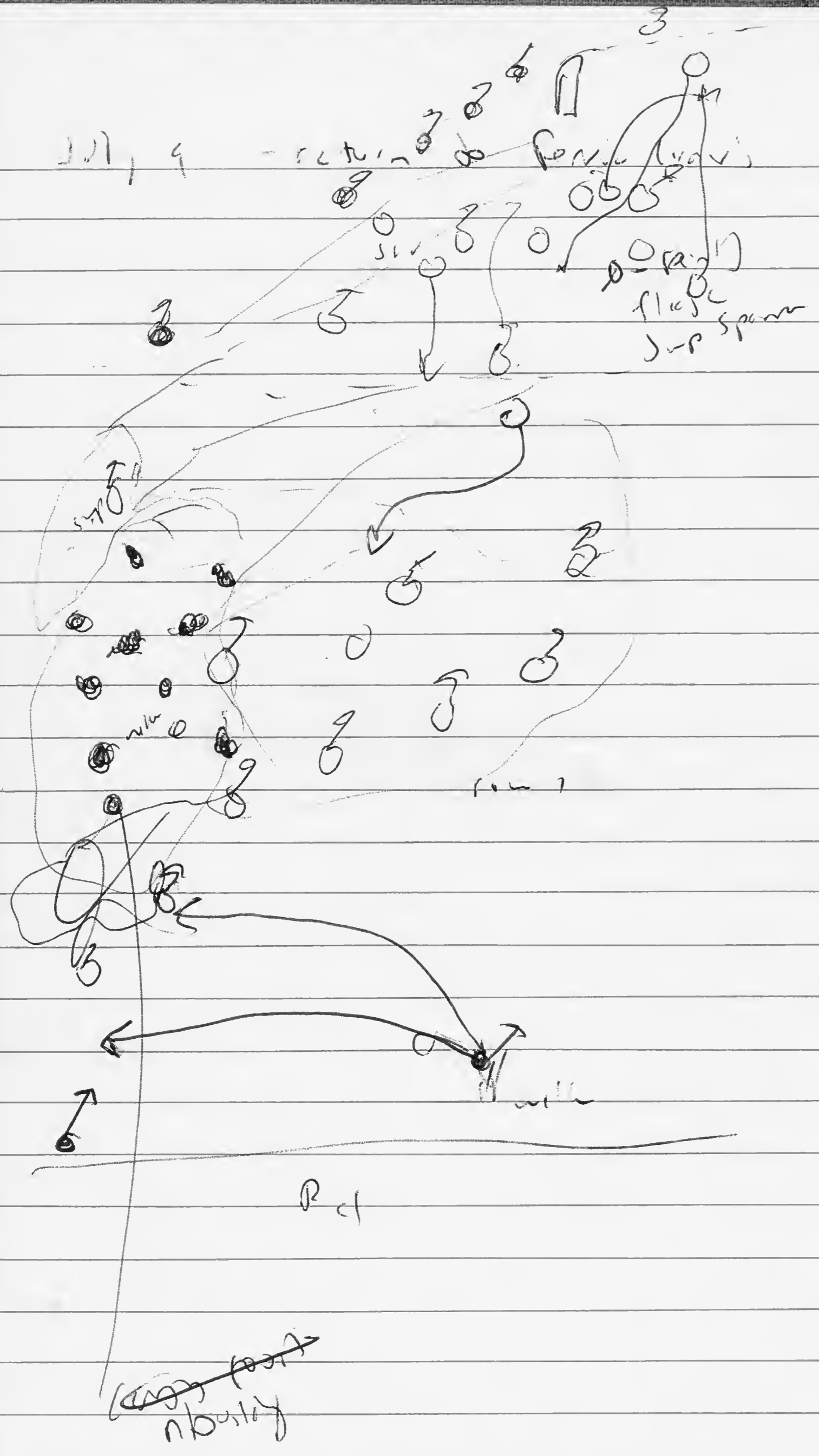


July 8 2120 -

Field near Kelly's (road)



The S.W. char territories are
in very dense dogwood thickets -
May be hard to map



⊕

1	f	2.6	0	0	Sec 21
2	f	0.4	0	0	" 1
3	f	0.6	0	0	Sug 21
4	f	0.6	0	0	Sug 21
5	f	0.5	0	0	Sug 21
6	f	0.4	0	0	Sug 21
7	f	0.4	0	0	Sug 21
8	f	0.6	0	0	Sug 21
9	f	0.8	0	0	Sug 21
10	f	1.0	0	0	Sug 21
11	f	0.7	0	0	Sug 21
12	f	0.7	0	0	Sec 21
13	f	0.2	0	0	Sug 21
14	f	0.5	0	0	Sug 21
15	f	0.8	0	0	Sug 21
16	f	1.1	0	0	Sug 21
17	f	0.6	0	0	Sug 21
18	b	0.4	2 pgnail	0	Sug 21
19	Blackbird whizz by				
20	f	0.6	0	0	Sug 21
21	f	0.6	0	0	Sug 21
22	f	0.6	0	0	Sug 21
23	f	0.6	IV	0	Sug 21
24	f	0.4	0	0	Sug 21
25	f	0.8	0	0	Sug 21
26	f	0.6	0	0	Sug 21

(7)

27	F	0.6	0	0	Sep 21
28	F	0.0	0	P	Sep 21?
29	FB	0.4	0	S	Sep 18
30	FB	0.4	0	1/2"	Sep 18
31	F	0.6	0	1/2"	Sep 18
32	G	0.6	0	2"	Sep 18
33	GR	0.6	0	7"	Sep 18
34	FO	0.4	0	1"	Sep 18
35	F	0.0	0	S	Sep 18
36	F	0.4	0	2"	Sep 18
37	FO	0.8	0	1"	Sep 18
38	FR	0.0	0	S	Sep 18
39	M	0.8	0	S	Sep 18
40	FR	0.8	0	S	Sep 18
41	F	0.4	0	S	Sep 18
42	F	0.8	0	M	Sep 18
43	F	0.8	0	M	Sep 18
44	F	1.0	0	M	Sep 18
45	FR	0.5	0	M	Sep 18
46	F	0.8	0	M	Sep 18
47	F	1.0	0	M	Sep 18
48	F	0.0	0	M	Sep 18
49	FB	0.4	0	S	Sep 18
50	FR	0.4	0	1/2"	Sep 18
51	FB	0.6	0	1/2"	Sep 18
52	FO	0.5	0	2"	Sep 18

53	FR	0.4	0	3"	Sep 18
54	FC	1.0	0	S	Sep 20
55	F	0.4	0	P	Sep 20
56	F	1.4	0	b	Sep 20
57	FB	0.0	0	P	Sep 20
58	F	1.4	0	P	Sep 20
59	F	1.0	0	2P	Sep 20
60	F	0.8	0	2P	Sep 20
61	P	1.0	0	2P	Sep 20
62	F	0.0	0	P	Sep 20
63	FR	0.8	0	P	Sep 20?
64	FC	0.4	0	1"	Sep 20
65	FC	1.0	0	M	Sep 18
66	FC	0.6	0	M	Sep 18
67	FO	0.6	0	P	Sep 18?
68	F	0.8	0	P	Sep 18
69	F	0.4	0	M	Sep 18
70	F	0.8	0	M	Sep 18
71	FB	1.0	0	M	Sep 18
72	F	0.8	0	S	Sep 18
73	F	0.8	0	S	Sep 18
74	FR	0.6	0	S	Sep 18
75	F	1.0	0	S	Sep 18
76	F	0.8	0	S	Sep 18
77	F	1.2	0	S	Sep 18
78	F	1.0	0	S	Sep 18

(X)

Rm 579	R	0.0	0	S	Sy 21
80	F	0.4	0	M-S	Sy 21
81	R	0.8	0	S	Sy 18
82	F	0.8	0	M	Sy 18
83	F	0.6	Py	M-S	Sy 21
84	F-R	1.0	Py	M-S	Sy 21
85	F	1.0	Py	M	Sy 18
86	F	0.8	0	M	Sy 18
87	F	1.0	0	M	Sy 18
88	F	0.1	0	R	Sy 18
89	F	0.6	0	D	Sy 21?
90	F	0.4	0	D	Sy 21
91	F-R	1.0	0	D	Sy 21
92	F	0.8	0	D	Sy 21
93	F	1.2	0	D	Sy 21
94	R-G	0.3	Py	3 rd	Sy 21
95	G-R	0.4	0	3 rd	Sy 21
96	G-R	0.4	0	4 th	Sy 21
97	G	1.2	w/ll	4 th	Sy 21?
98	G-R	0.6	w/ll	3 rd	Sy 21
99	F	0.5	Py	D	Sy 21
100	F	0.8	0	D	Sy 21
101	F	1.0	0	D	Sy 21
102	F	1.2	0	P	Sy 21
103	F	1.0	0	D	Sy 21
104	F	0.8	0	R	Sy 21

Sub

60	F	0.0	0	D	Sy 21?
101	F	1.2	0	D	Sy 21
102	F	1.2	0	S	Sy 18
105	F-R	1.0	Py	S	Sy 18
107	F	0.8	V	S	Sy 18
110	F-R	1.0	0	S	Sy 18
110	G-R	1.0	0	S	Sy 18
112	F-R	0.4	0	S	Sy 18
113	F-R	0.4	Py	S	Sy 18
114	F-G	1.2	0	S	Sy 18
115	F-R	1.2	0	S	Sy 18
116	F-R	1.0	0	S	Sy 18
117	G-R	0.4	0	S	Sy 18
118	G-F	0.4	0	1(2)	Sy 18
119	F	0.8	0	S	Sy 18
120	F	1.0	0	S-R	Sy 18
121	F	1.0	0	M-S	Sy 18
122	F	1.2	Py	M	Sy 18
173	F	1.0	0	M	Sy 18
174	F	0.5	0	M-S	Sy 18
175	F	0.8	0	M-S	Sy 18
176	F	0.6	0	S	Sy 18
177	F	1.2	0	M	Sy 21
178	F	0.6	Py	M	Sy 21
179	F	1.0	Py	D	Sy 21
180	F	1.2	0	P	Sy 21

(7)

181	F	1.2	0	D	Sy 21
182	R	1.2	reg	P	Sy 20
183	R	1.6	0	D	Sy 21
184	R	0.6	0	D	Sy 21
185	R	0.6	0	D	Sy 21
186	R	0.6	0	M-1	Sy 18
187	R	0.0	0	M-1	Sy 18
188	R	0.6	0	S	Sy 18
189	R	1.0	0	S	Sy 18
190	R	0.2	0	M	Sy 18
191	R	0.2	0	M-1	Sy 18
192	F	0.2	0	S	Sy 18
193	R	0.2	0	S	Sy 18
194	R	0.4	0	S	Sy 18
195	R	0.6	0	S	Sy 18
196	F-R	0.6	0	M	Sy 18
197	R	0.5	0	B	Sy 18
198	R	0.5	0	S	Sy 18
199	R	0.4	0	S	Sy 18
200	R	0.4	0	S	Sy 18
201	F	0.8	v	M	Sy 18
202	R	0.5	0	M-1	Sy 18
203	R	0.6	0	S	Sy 18
204	R	1.0	reg	S	Sy 18
205	R	0.5	0	S	"
206	P	0.2	v	S	Sy 21

207	F	0.8	0	M	Sy 21
208	R	0.0	0	D	Sy 21
209	F	0.8	v	P	Sy 21
210	R	1.0	2M	D	Sy 21
211	R	1.2	0	D	Sy 21
212	F	1.2	0	D	Sy 21
213	R	0.4	0	S	Sy 18
214	F-R	0.4	0	M	Sy 18
215	F-R	0.8	0	S	Sy 18
216	R	0.6	0	S	Sy 18
217	M-1	0.6	0	3"	Sy 18
218	M-1	0.7	0	1/2"	Sy 18
219	M-1	0.8	0	7"	Sy 18
220	M-1	0.4	0	1"	Sy 18
221	F-R	0.6	0	1/2"	Sy 18
222	F-R	0.6	0	1/2"	Sy 18
223	F-R	0.5	0	3"	Sy 18
224	F-R	0.6	0	S	Sy 18
225	R	0.4	0	Sy 2	Sy 18
226	R	0.6	0	S	Sy 18
227	Coar-M-1	0.4	0	S	Sy 18
228	R	0.1	0	4"	Sy 18
229	F-R	0.5	0	S	Sy 18
230	R	0.6	0	M	Sy 18
231	R	1.2	0	M	Sy 21
232	F	1.2	0	M	Sy 21

2/25



233	F	1.2	0	P. wood	D	Sy 21
234	F	1.2	0	2 Pys	D	Sy 21
235	F	1.2	0	P	P	Sy 21
236	F	1.2	0	0	0	Sy 21
237	Sy 6	0.6	0	S	S	Sy 19
238	G	1.2	0	3"	Sy 19	
239	3/6	1.2	0	3"	Sy 19	
240	F	0.6	0	3"	Sy 19	
241	FR	0.6	0	3"	Sy 19	
242	RB	0.6	0	S	Sy 19	
243	F	0.8	0	S	Sy 19	
244	FR	0.8	0	3"	Sy 19	
245	FB	1.0	0	3"	Sy 19	
246	F-R	0.8	0	3"	Sy 19	
247	Grey-g	0.6	0	S	Sy 19	
248	Grey-g	0.6	2 Pys	1"	Sy 19	
249	F-R	0.4	0	1"	Sy 19	
250	FB	0.4	0	2"	Sy 19	
251	R-G	0.6	0	3"	Sy 19	
252	FR	0.5	0	S	Sy 19	
253	F	0.8	0	S	Sy 19	
254	P-G	0.6	0	S	Sy 19	
255	F	0.6	0	S	Sy 19	
256	R-fair	0.8	0	2"	Sy 19	
257	Sy 19	0.6	0	3"	Sy 19	
258	G	0.6	0	3"	Sy 19	

259	G	0.2	0	P	Sy 21
260	R-L	0.6	0	2"	Sy 19
261	F	0.6	0	M	Sy 19
262	FR	0.4	0	M	Sy 19
263	FR	0.4	0	S	Sy 19
264	FR	0.4	0	1/2	Sy 19
265	F	0.4	0	1/2	Sy 19
266	F	0.3	0	3"	Sy 19
267	GT	0.4	0	4"	Sy 19
268	FR	0.1	0	5"	Sy 19
269	FB	1.2	0	3"	Sy 19
270	GR	0.6	0	3"	Sy 19
271	FR	0.6	0	S	Sy 19
272	FB	1.0	0	1"	Sy 19
273	RB	0.6	0	3"	"
274	R	0.2	0	4"	"
275	RB	1.0	0	4"	"
276	FR	0.6	0	3"	Sy 19
277	R-F	0.6	0	2"	Sy 19
278	FR	0.5	0	1/2"	Sy 19
279	FB	0.5	0	S	Sy 19
280	R	0.6	0	S	Sy 19
281	G-F	1.6	0	1"	Sy 19
282	R	0.9	0	S	"
283	FR	0.6	0	S	Sy 19
284	FR	0.6	0	S	Sy 19

2 sets of June sup Sparrows -
still in broods

(X)

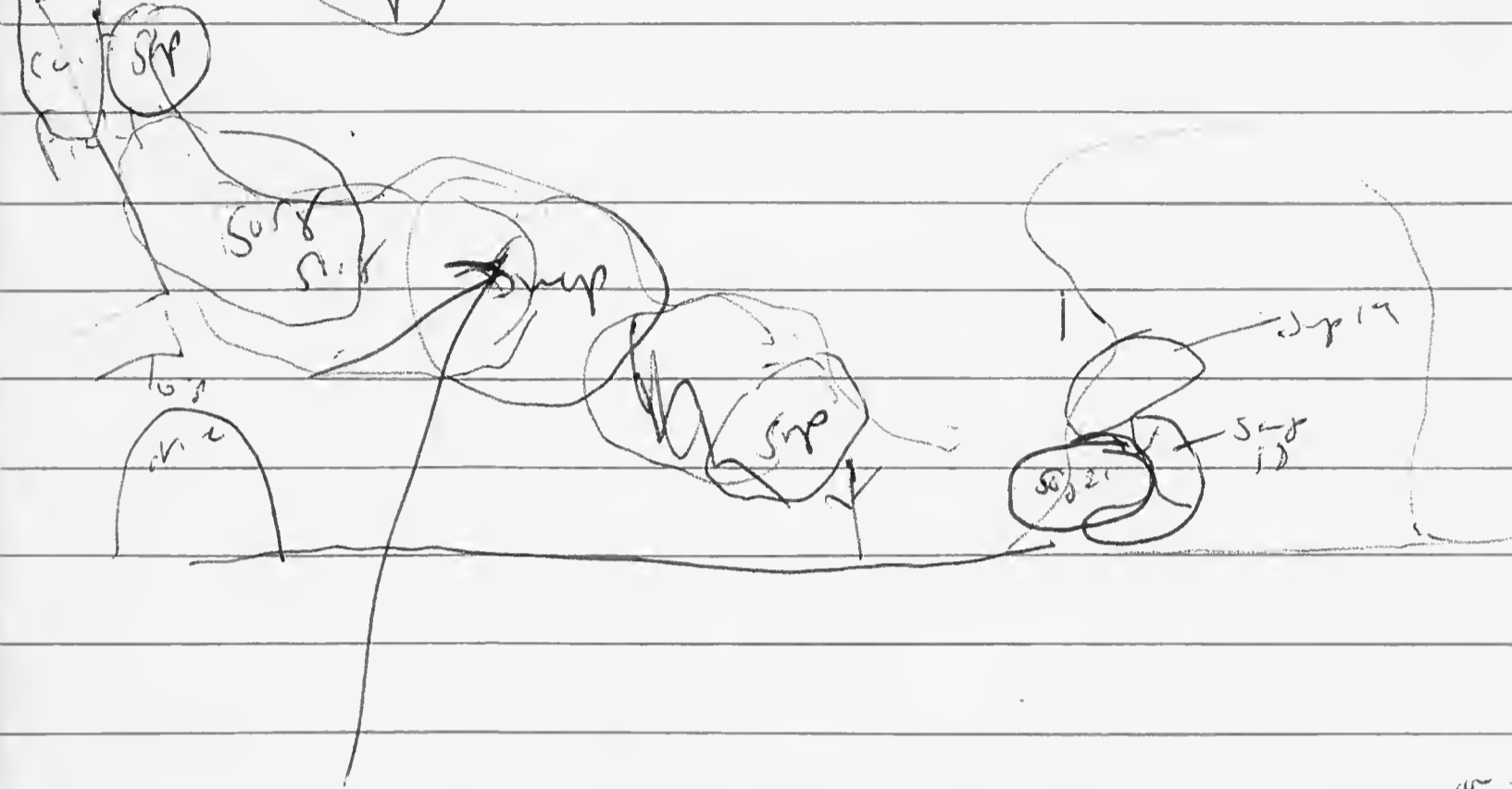
285	RF	0.6	0	3 rd	Sy 11
286	RF	0.1	0	1 st	Sy 11
287	FG	0.2	0	1 st	Sy 17
288	FR	0.0	0	1 st	Sy 15
289	R-bc-fer	1.2	0	1 st	Sy 15
290	Br	0.0	0	3 rd	Sy 11
291	G	1.0	0	1/2	Sy 15
292	FR	0.2	0	S	Sy 11
293	GR	0.6	0	3 rd	Sy 15
294	FR	0.6	0	1 st	Sy 19
295	FR	0.2	0	S	Sy 19
296	FR	0.1	0	S	Sy 11
297	FR	0.6	0	1/2	Sy 15
298	FR	0.6	0	S	Sy 15
299	Rm-fer	0.1	0	S	Sy 11
300	FR	0.1	0	1 st	Sy 11
301	FR-f	0.0	0	1/2	Sy 11
302	F	1.2	0	S	Sy 12
303	F	1.5	0	1/2	Sy 11
304	RF	0.6	0	2 nd	Sy 11
305	G (fer)	0.6	0	1 st	Sy 11

Pyrrhuloxia

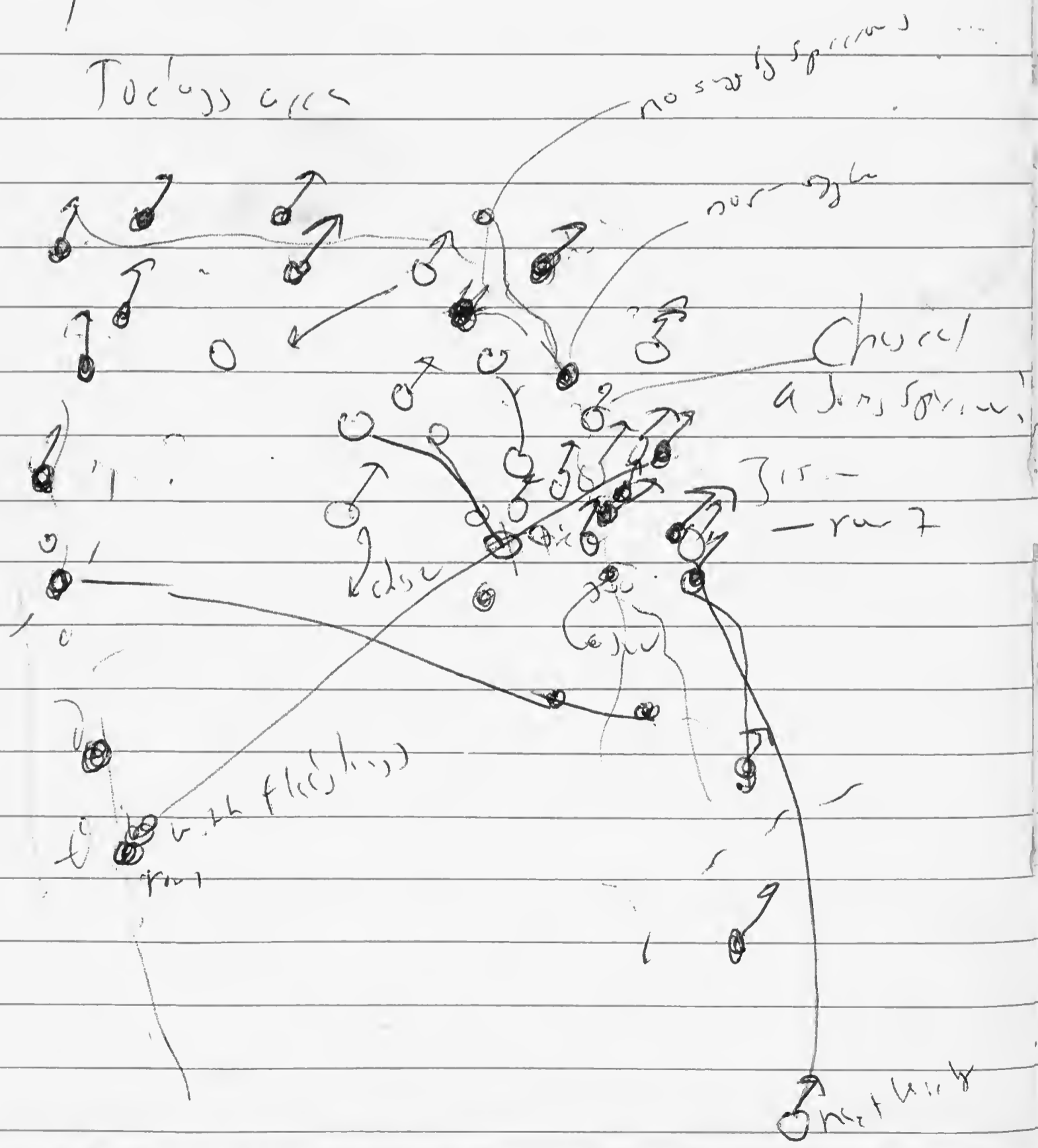
306	R	0.0	0	2 nd	Sy 19
307	FG	0.6	0	3 rd	Sy 19
308	F	0.1	0	3 rd	Sy 11

309	FG	0.6	0	S	Sy 11
310	RF	0.0	0	S	Sy 11
311	FG	0.4	0	S	Sy 19
312	FG	0.4	0	S	Sy 19
313	FR	1.0	0	1/2	Sy 11
314	FR	0.5	0	S	Sy 15
315	FR	0	0	S	Sy 11
316	FR	0.4	0	S	Sy 15
317	FR	0.0	0	1 st	Sy 15
318	Pyrrhuloxia			?	1 st Sy 15
319				Pyrrhuloxia	"
320	FR	1.2	0	"	"
321	FG	2.0	0	"	"
322	FG	0.1	0	3 rd	Sy 19
323	Com-u	0.1	0	2 nd	Sy 11
324	FRG	0.4	0	2 nd	Sy 11
325	FR	0.2	0	1 st	Sy 11
326	FR	0.2	0	with	1 st Sy 11

July 12 - Kivi's (corn) area.



Took us over



(X) a long "moleh" of dead grass over soil

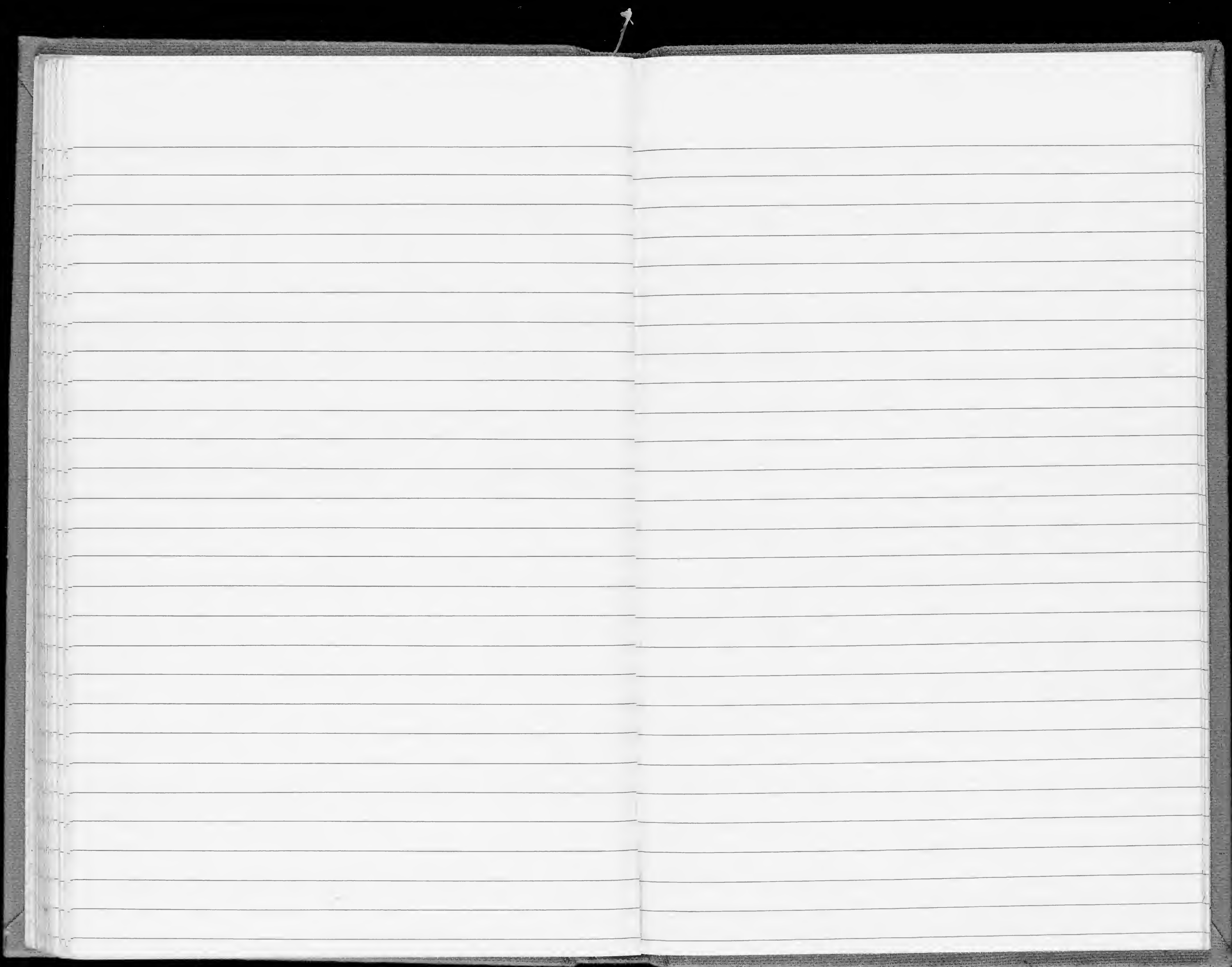
Row 1	G-R	0.3	Dy	S	July 22
2	GR	0.5	0	S	July 22
3	GR	0.2	0	S	July 22
4	GR	0.4	0	M-S	July 22
5	G-R	0.6	0	S	July 22
6	GR	0.4	0	S	July 22
7	GR	0.2	0	S	July 22
8	GR	0.4	0	S	July 22
9	GR	0.5	0	S	July 22
10	FR	0.5	0	S	"
11	FG	0.3	0	an	"
12	FL	0.6	0	D	"
13	F	1.2	20	D	July 22?
14	F	0.6	0	S	July 22
15	F	1.5	0	S	July 22
16	FL	1.0	✓	D	July 22
17	F	1.2	0	D	"
18	F	0.8	0	P	July 22
19	FL	0.6	0	D	July 22
20	G	0.4	0	S	July 22
21	F	0.6	0	S	July 22
22	FL	0.6	0	S	July 22
23	FL	0.4	0	S	July 22
24	FL	0.6	0	S	July 22
25	GR	1.2	0	S	July 22
26	GR	0.4	0	S	July 22
27	GR	0.4	0	S	July 22

(7)

22 x 0 pto J. Fu

28 G 0.2 O D Sy 22
 29 G 0.4 O D Sy 22
 30 GA 0.3 U D Sy 22
 31 F 0.8 2 P's P Sy 22
 34 RB 0.4 U D Sy 22
 35 FR 0.6 P M Sy 22
 36 GR 0.4 P M Sy 22
 37 R 0.5 U S Sy 22
 38 RB 0.5 O S Sy 22
 39 RB 0.8 O S Sy 22
 40 RF 0.6 O S Sy 22
 41 R 0.7 O S Sy 22
 42 F 0.5 U S Sy 22
 43 RF 0.5 U S Sy 22
 44 R 1.2 P's D Sy 22
 45 forms 0.0 P's P Sy 22
 46 forms 0.5 P's S Sy 22
 47 forms/pubs 0.5 P's S Sy 22
 48 P's Mch 4
 49 "
 50 F 1.5 P's M Sy 22
 51 FR 0.7 P's S Sy 22
 52 F 1.2 P's S Sy 22
 53 F 0.7 U S Sy 22
 54 F 1.2 O S Sy 22
 55 F 1.2 U S Sy 22

56 FG 0.6 O S Sy 22
 57 FG 0.6 O S Sy 22
 58 RB 0.6 O S Sy 22
 59 RB 0.5 U S Sy 22
 60 FO 0.2 O S Sy 22
 61 RB 0.2 O D Sy 22
 62 RB 0.2 O D Sy 22
 63 GR 0.5 O D Sy 22
 64 FR 0.5 U D Sy 22
 65 RB 0.4 U D Sy 22
 66 FR 0.6 O D Sy 22
 67 FR 0.4 U D Sy 22
 68 FR 0.5 U S Sy 22
 69 G 0.4 O S Sy 22
 70 GR 0.5 O S Sy 22
 71 GR 0.3 O S Sy 22
 72 R 0.2 O 2" Sy 22
 73 RB 0.0 1/2 Sy 22
 74 RF 0.0 O S Sy 22
 75 P 0.5 M Sy 22
 76 F 0.6 U S Sy 22
 77 R 0.6 O 1/2 Sy 22
 78 FR 1.2 P's 1/2 Sy 22
 79 F 0.7 O S Sy 22
 80 F 1.2 V M Sy 22
 81 RGP 0.5 70% S Sy 22



(X)

82	R	0.1	Py	M	Sy22
83	R	0.1	Py	S	Sy22
84	C	0.5	Py	M	Sy22
85	GR	0.2	Py	S	Sy22
86	R-R	0.8	Py	S	Sy22
87	G	0.6	U	2"	Sy22
88	GR	0.7	Py	2"	Sy22
89	G	1.0	G	2"	Sy22
90	GR	0.2	Py	1/2"	Sy22
91	G	0.4	Py	S	Sy22
92	F	0.6	U	10	Sy22
93	F	0.6	U	10	Sy22
94	RG	0.8	U	10	Sy22
95	G	0.4	U	10	Sy22
96					
97	G	0.6	U	10	Sy22
98	R	0.4	U	10	Sy22
99	F	0.4	U	10	Sy22
100	R	0.2	U	10	Sy22
101	G	0.5	U	10	Sy22
102	R	0.6	U	10	Sy22
103	R	1.2	U	10	Sy22
104	R	0.6	U	10	Sy22
105	R	0.6	U	10	Sy22
106	R	0.6	U	10	Sy22
107	R	0.6	U	10	Sy22
108	R	0.6	U	10	Sy22
109	R	0.6	U	10	Sy22
110	R	0.6	U	10	Sy22
111	R	0.6	U	10	Sy22
112	R	0.6	U	10	Sy22
113	R	0.6	U	10	Sy22
114	R	0.6	U	10	Sy22
115	R	0.6	U	10	Sy22
116	R	0.6	U	10	Sy22
117	R	0.6	U	10	Sy22
118	R	0.6	U	10	Sy22
119	R	0.6	U	10	Sy22
120	R	0.6	U	10	Sy22
121	R	0.6	U	10	Sy22
122	R	0.6	U	10	Sy22
123	R	0.6	U	10	Sy22
124	R	0.6	U	10	Sy22
125	R	0.6	U	10	Sy22
126	R	0.6	U	10	Sy22
127	R	0.6	U	10	Sy22
128	R	0.6	U	10	Sy22
129	R	0.6	U	10	Sy22
130	R	0.6	U	10	Sy22
131	R	0.6	U	10	Sy22
132	R	0.6	U	10	Sy22

107	RG	0.3	U	1"	Sy22
108	R	1.5	U	S	Sy22
109	RG	1.8	Py	S	Sy22
110	R	0.0	U	10	Sy22
111	R	0.8	Py	10	Sy22
112	R	1.2	2Py		
113	R	1.5	U	10	Sy22
114	R	1.5	2Py	10	Sy22
115	R	0.3	V	10	Sy22
116	RG	1.0	U	1"	Sy22
117	R-R	1.0	U	S	Sy22
118	R	0.6	U	1/2"	Sy22
119	R	0.8	U	1/2"	Sy22
120	R	0.5	U	S	Sy22
121	R	0.2	U	1/2"	Sy22
122	R	0.4	U	S	Sy22
123	R	0.4	U	S	Sy22
124	R	0.4	Py	10	Sy22
125	GR	0.6	U	1/2"	Sy22
126	GR	0.2	U	1/2"	Sy22
127	R	0.4	U	1/2"	Sy22
128	R	0.2	Py	10	Sy22
129	R	0.5	Py	10	Sy22
130	GR	0.0	U	1/2"	Sy22
131	GR	0.2	Py	S	Sy22
132	GR	0.5	Py	S	Sy22

(X)

133	F	0.5	20	S	Sy 22
134	F	1.0	20	S	Sy 22
135				S	
136	"				
137	"				
138	"				
Nov 139	A	1.2	Day	D	Sy 22
140	F	1.0	0	P	Sy 22
141	F	0.3	V	D	Sy 22
142	R	0.2	0	2"	Sy 20
143	R	0.5	0	1/2"	Sy 20
144	R	0.7	0	3"	Sy 20
145	R	0.8	0	3"	Sy 20
146	R	0.6	0	2"	Sy 20
147	R	0.0	0	2"	Sy 20
148	R	0.6	0	1/2"	Sy 20
Nov 149	R	0.6	0	1/2"	Sy 20
150	R	0.5	0	1/2"	Sy 20
151	R	0.6	0	1/2"	Sy 20
152	R	0.8	0	2"	Sy 20
153	R	1.2	0	3"	Sy 20
154	R	0.8	0	1/2"	Sy 20
155	R	1.0	0	1/2"	Sy 20
156	F	0.6	0	P.	Sy 22
157	F	0.8	0	D	Sy 22
158	F	1.2	0	D	Sy 22
159					

160 → Pinned Niche

161 → 1.2 20y 1 D Sy 22

162	F	1.0	20y	P	Sy 22
163	F	1.2	2V	D	Sy 22
164	F	1.2	10y	1/2"	Sy 20
165	R	1.1	0	1"	Sy 20
166	R	0.8	0	1"	Sy 20
167	R	1.1	0	2"	Sy 20
168	R	0.8	0	3"	Sy 20
169	R	0.8	0	1"	Sy 20
170	R	1.2	0	2"	Sy 20
171	R	1.0	0	2"	Sy 20
172	R	1.0	0	5"	Sy 20
173	R	0.6	0	2"	Sy 20
174	R	0.6	20y	1"	Sy 20
175	F	0.4	V	5	Sy 20
176	F	0.4	V	5	Sy 20
177	F	2.2	V	5	Sy 20
178					
179	F	0.8	0	5	Sy 20
180	F	0.0	20y	5	Sy 20
181	F	0.6	10y	M	Sy 20
182	R	0.0	0	1"	"
183	R	0.0	0	3"	Sy 20

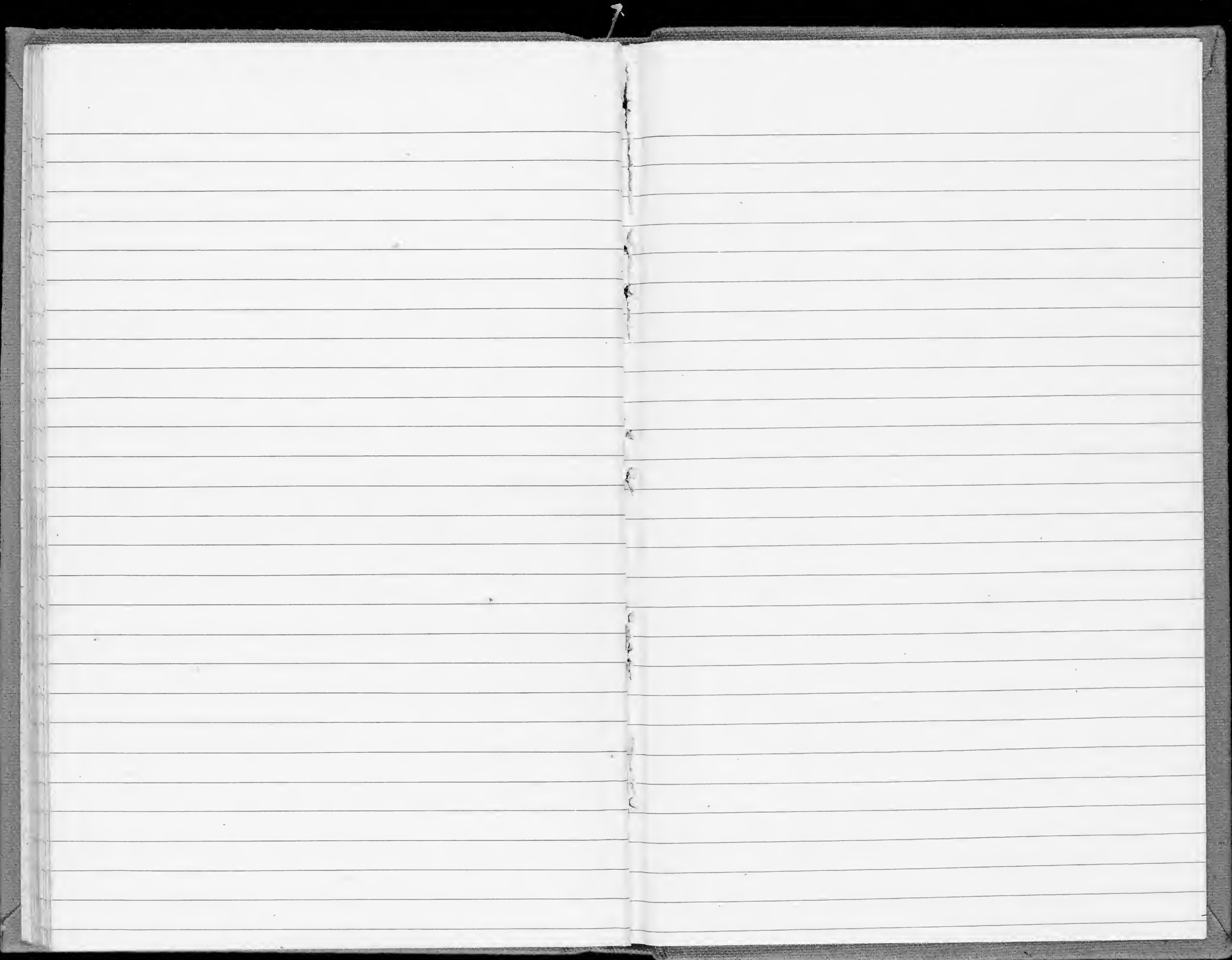
(X)

* area June 2
low non-sig
sig depression

125	RB	0.6	0	3"	Sep 20
126	RB	0.8	0	3"	Sep 20
127	R	1.5	0	5"	"
128	R	0.4	0	1"	Sep 20?
Row 15 129	RU	0.6	0	1"	Sep 20
130	RB	0.6	0	1"	Sep 20
131	RU	0.8	BB	7"	Sep 20
132	RU	0.5	2Bn	5	Sep 20
133	RB	1.2	0	3"	Sep 20
134	RU	0.6	0	5	Sep 20
135	Pen R	0.5	✓	5	Sep 20
136					
137					
138	Pen R	0.6	30y	5	Sep 20
139	RV	0.6	2Ry	5	Sep 20
140	FR	0.6	2V	5	Sep 20
141	FR	0.8	0	5	Sep 20
142	RU	0.6	Py	1"	Sep 20
143	R	0.6	0	2"	Sep 20
144	R	0.6	0	3"	Sep 20
145	FRB	0.8	0	2"	S
146	R	0.6	0	1"	"
147	RB	0.6	0	1"	"
148	R	1.0	0	2"	"
149	RU	0.6	0	5	Sep 20
150	RU	0.8	0	2"	"

151	Pen RB	1.0	0	S	* for 20
152					
153	Pen R	0.6	Py	S	Sep 20
154					
155					
156	FR	0.6	VP	S	Sep 20
157	G	0.8	0	1"	Sep 20
158	RU	0.8	0	S	Sep 20
159	R	0.9	0	1"	Sep 20
160	G	0.6	Py	1"	Sep 20
161					
162	FR	0.6	Py	1"	Sep 20
163	R	0.8	0	1/2	Sep 20
164	R	0.6	0	2"	Sep 20
165	FR	0.4	0	5	Sep 20
166	FR	0.6	0	5	Sep 20
167					
168					
169					
170					
171					
172					
173					
174					
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179					
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This Notebook
belongs to
Russ Greenberg
National Zoo
Washington, D.C.
20008

11/20/02

