APPENDIX

TO

VOLUME I

Introduction and Vegetation Studies

Back Bay-Currituck Sound

Data Report

APPENDIX

to

Volume I: Introduction and Vegetation Studies

Back Bay-Currituck Sound Study

Table . Thousands of Pounds (oven-dry wt.) of All Species of Aquatic Vegetation on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	815	946	569	40	1,061	1,391	846	295	1,034	264	67	208	350
B	1,209	1,586	1,590	626	2,067	3,199	1,299	735	1,288	1,487	522	2,137	998
C	1,854	1,726	1,384	165	2,433	1,626	1,076	402	2,380	2,434	372	2,865	1,253
D	388	994	185	0	815	1,618	1,339	765	1,875	2,102	739	1,671	948
E	342	55	174	0	24	0	0	0	144	773	588	819	267
F	746	359	350	0	262	1,332	240	32	1,033	1,528	335	2,544	528
G	307	476	184	10	248	878	121	151	603	1,442	187	2,170	978
G1	629	929	615	151	1,116	1,178	292	292	1,224	1,323	266	2,326	1,171
Total Back Bay	6,290	7,071	5,051	992	8,026	11,222	5,213	2,672	9,581	11,353	3,076	14,740	6,493
H	1,169	2,111	1,108	501	1,163	1,478	178	236	1,753	1,895	364	1,515	735
I	2,277	2,455	2,494	1,582	2,819	2,878	1,054	1,505	2,928	2,532	759	2,402	1,401
J	2,179	1,868	1,783	358	1,645	3,247	695	911	3,870	2,856	580	2,174	1,278
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	2,069	3,930	3,367	288	3,960	3,050	1,043	1,192	4,866	9,144	1,608	6,475	4,307
M	223	672	262	154	647	642	387	366	1,533	1,529	856	557	1,458
N	633	1,938	1,600	878	1,654	4,630	996	1,334	2,053	2,509	1,003	2,578	2,178
O	4,410	4,873	3,214	2,953	5,012	4,969	808	2,726	8,054	4,205	2,509	7,258	5,751
P	2,831	7,323	3,102	1,508	4,374	12,022	1,999	1,722	5,211	4,485	1,249	2,537	5,101
Q	1,288	381	773	481	393	4,069	204	156	1,365	944	418	3,625	2,519
R	474	1,603	0	0	1,203	1,039	0	34	529	2,719	16	132	80
S	0	246	695	0	49	0	0	0	0	0	0	24	0
Total Currituck Sound	17,553	27,400	18,398	8,703	22,919	38,024	7,364	10,182	32,162	32,818	9,362	29,277	24,808
Grand Total	23,843	34,471	23,449	9,695	30,945	49,246	12,577	12,854	41,743	44,171	12,438	44,017	31,301

Table . Thousands of Pounds (oven-dry wt.) of All Species of Aquatic Vegetation on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	88	165	227	132	58	80
B	254	2,166	1,722	603	697	660
C	394	2,618	1,955	273	438	82
D	251	1,021	1,898	414	160	636
E	719	2,457	266	502	165	33
F	306	1,916	2,741	1,047	706	830
G	315	1,950	736	919	159	728
G_1	460	1,800	1,474	335	388	753
Total Back Bay	2,787	14,093	11,019	4,225	2,771	3,802
H	443	2,791	1,058	407	146	534
I	1,202	3,019	2,289	1,536	1,157	2,369
J	1,437	4,464	4,217	1,409	1,176	3,684
K	Tr.	0	Tr.	Tr.	Tr.	15
L	2,666	9,040	7,820	1,697	1,932	10,096
M	2,117	2,761	1,978	912	676	3,259
N	875	1,846	2,599	2,093	1,577	4,413
O	2,115	5,624	3,543	1,004	2,732	5,420
P	3,806	10,608	3,105	2,304	4,576	11,034
Q	2,416	7,004	4,530	3,299	3,206	8,393
R	220	1,324	277	260	201	1,458
S	24	Tr.	Tr.	11	Tr.	522
Total Currituck Sound	17,321	48,481	31,416	14,932	17,379	51,197
Grand Total	20,108	62,574	42,435	19,157	20,150	54,999

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of All Species of Aquatic Vegetation on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	4	4
B	81	Trace
C	Trace	Trace
D	17	Trace
E	Trace	Trace
F	23	8
G	Trace	279
G_1	172	Trace
Total Back Bay	297	291
H	61	355
I	1,289	1,176
J	2,272	502
K	0	0
L	4,200	9,764
M	1,357	967
N	2,730	3,438
O	4,265	5,179
P	6,732	6,846
Q	5,704	3,031
R	803	821
S	230	238
Total Currituck Sound	29,643	32,317 1/
Grand Total	29,940	32,608

Trace equals less than 500 pounds

1/ Includes 44 thousands of pounds of *Anacharis*

Table . Thousands of Pounds (oven-dry wt.) of Sago Pondweed on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	0	0	0	0	0	0	0	0
B	42	26	1	3	7	86	20	3	22	41	0	67	2
C	37	20	0	0	0	61	0	0	0	0	0	0	0
D	187	258	7	0	359	26	0	0	0	49	3	142	10
E	337	47	162	0	0	0	0	0	0	7	0	50	0
F	737	333	309	0	208	314	0	0	10	0	0	4	3
G	2	145	0	0	75	0	0	0	16	325	7	360	15
G1	0	0	0	0	3	0	0	0	0	0	0	0	0
Total Back Bay	1,342	829	479	3	652	487	20	3	48	422	10	623	30
H	8	32	0	4	5	28	0	0	0	0	0	7	0
I	246	34	116	28	212	150	5	172	6	66	42	14	40
J	463	162	398	13	108	95	8	88	8	133	0	7	58
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	83	797	214	0	212	247	129	0	424	1,764	206	1,273	183
M	0	0	0	0	0	0	0	0	0	19	0	0	0
N	45	314	220	223	0	527	71	44	184	570	87	469	188
O	1,419	1,070	1,594	2,396	895	1,169	157	166	2,167	799	1,322	1,807	1,417
P	1,041	133	540	269	202	368	56	0	270	290	160	460	846
Q	262	29	15	54	0	319	0	0	226	76	29	566	330
R	83	33	0	0	156	45	0	0	5	0	0	14	0
S	0	142	160	0	3	0	0	0	0	0	0	12	0
Total Currituck Sound	3,650	2,746	3,257	2,987	1,793	2,948	426	470	3,290	3,717	1,846	4,629	3,062
Grand Total	4,992	3,575	3,736	2,990	2,445	3,435	446	473	3,338	4,139	1,856	5,252	3,092

Table . Thousands of Pounds (oven-dry wt.) of Sago Pondweed on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	8	Trace	142	5	Trace	0
C	0	Trace	9	6	1	Trace
D	4	Trace	209	30	7	0
E	4	143	13	54	30	0
F	34	205	413	24	82	Trace
G	68	1,074	71	68	34	0
G1	Trace	27	5	Trace	0	Trace
Total Back Bay	118	1,449	862	187	154	Trace
H	0	34	Trace	4	1	Trace
I	154	195	117	23	224	14
J	35	653	514	20	79	70
K	0	0	0	0	0	0
L	309	1,683	4,569	110	25	381
M	0	0	0	0	0	0
N	38	415	991	1,175	266	663
O	1,223	2,499	2,015	214	1,253	1,754
P	319	1,720	645	601	1,067	1,083
Q	968	2,380	749	484	286	522
R	0	111	0	95	0	0
S	0	0	0	0	0	0
Total Currituck Sound	3,046	9,690	9,600	2,726	3,201	4,487
Grand Total	3,164	11,139	10,462	2,913	3,355	4,487

Trace equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of Sago Pondweed on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	0	0
D	0	0
E	0	0
F	0	0
G	0	0
G_1	0	0
Total Back Bay	0	0
H	0	0
I	1	0
J	0	0
K	0	0
L	0	0
M	0	0
N	35	214
O	1,033	1,124
P	1,309	875
Q	848	496
R	33	20
S	0	0
Total Currituck Sound	3,259	2,729
Grand Total	3,259	2,729

Table . Thousands of Pounds (oven-dry wt.) of Wildcelery on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	82	141	7	0	338	401	0	17	631	39	0	154	41
B	126	138	11	13	591	68	0	26	427	144	0	856	118
C	108	118	16	30	334	168	0	6	627	85	0	503	114
D	14	36	20	0	130	163	0	11	125	143	1	455	90
E	5	2	Trace	0	24	0	0	0	31	4	0	171	8
F	Trace*	7	0	0	26	86	0	1	434	123	0	721	64
G	15	55	4	2	27	53	0	17	159	24	0	272	35
G1	100	71	Trace	24	455	98	0	53	187	182	2	342	37
Total Back Bay	450	568	58	69	1,925	1,037	0	131	2,621	744	3	3,474	507
H	109	20	49	22	101	48	0	8	336	128	0	195	52
I	129	168	22	29	372	41	0	220	443	205	0	575	9
J	66	411	27	28	135	14	Trace	132	498	118	0	513	51
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	362	937	0	31	360	33	0	145	1,383	495	0	1,639	120
M	33	147	3	10	131	19	Trace	50	390	86	0	130	165
N	94	231	18	43	62	46	0	67	212	130	0	509	275
O	49	242	140	48	323	135	7	227	621	151	16	690	397
P	1	870	22	31	546	52	3	87	999	143	0	376	166
Q	98	18	0	13	153	21	0	11	150	28	0	384	156
R	0	100	0	0	61	0	0	0	0	71	0	48	11
S	0	31	0	0	2	0	0	0	0	0	0	0	0
Total Currituck Sound	941	3,175	281	255	2,246	409	10	947	5,032	1,555	16	5,059	1,402
Grand Total	1,391	3,743	339	324	4,171	1,446	10	1,078	7,653	2,299	19	8,533	1,909

Table . Thousands of Pounds (oven-dry wt.) of Wildcelery on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	8	59	3	0	16	65
B	13	1,223	30	Tr.	105	352
C	13	747	3	Tr.	55	78
D	10	666	123	Tr.	57	303
E	8	144	Tr.	0	36	31
F	3	263	139	Tr.	18	278
G	9	225	7	0	33	173
G1	39	232	13	Tr.	40	331
Total Back Bay	103	3,559	318	Tr.	360	1,611
H	51	316	5	Tr.	38	229
I	86	394	12	0	134	617
J	154	353	47	Tr.	136	792
K	0	0	Tr.	0	0	15
L	210	820	24	0	289	3,463
M	161	360	110	0	68	846
N	36	334	64	1	216	1,440
O	104	866	46	0	289	1,046
P	162	1,433	92	3	310	1,477
Q	67	216	52	Tr.	315	1,375
R	0	49	Tr.	Tr.	16	122
S	0	0	0	0	Tr.	52
Total Currituck Sound	1,031	5,141	452	4	1,811	11,474
Grand Total	1,134	8,700	770	4	2,171	13,085

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of Wildcelery on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	4	0
B	41	0
C	Trace	0
D	11	Trace
E	Trace	Trace
F	5	1
G	Trace	7
G1	Trace	0
Total Back Bay	61	8
H	2	20
I	112	53
J	153	66
K	0	0
L	107	459
M	267	273
N	328	77
O	119	223
P	42	219
Q	13	86
R	0	73
S	0	13
Total Currituck Sound	1,143	1,562
Grand Total	1,204	1,570

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of Redheadgrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	9	0	0	0	0	0	3	0	0	0	5	19
B	0	0	0	4	0	8	0	8	8	87	18	117	104
C	0	4	9	19	126	222	34	113	212	380	92	381	412
D	0	0	0	0	0	0	0	0	0	20	2	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	2	4	11	6	0	261	6
G	0	0	0	0	51	0	Trace	4	0	72	14	605	22
G1	0	22	3	22	62	107	9	56	34	229	22	543	222
Total Back Bay	0	35	12	45	239	337	45	188	265	794	148	1,912	785
H	0	0	0	5	57	152	3	58	263	358	23	217	48
I	1	0	0	84	372	786	178	561	406	328	65	484	0
J	54	162	0	43	233	243	43	217	361	330	7	193	417
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	50	151	196	154	147	585	64	360	385	1,025	60	682	144
M	0	23	4	0	13	8	1	12	4	0	0	21	77
N	0	0	0	20	24	101	18	5	365	86	120	71	53
O	0	0	0	0	25	403	21	125	612	503	164	1,038	1,123
P	0	13	0	148	537	721	123	321	130	581	66	62	362
Q	0	0	0	0	2	339	0	0	34	3	12	696	364
R	0	0	0	0	53	0	0	0	0	936	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Currituck Sound	105	349	200	454	1,463	3,338	451	1,659	2,560	4,150	517	3,464	2,588
Grand Total	105	384	212	499	1,702	3,675	496	1,847	2,825	4,944	665	5,376	3,373

Table . Thousands of Pounds (oven-dry wt.) of Redheadgrass on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	24	36	56	Tr.	Tr.	0
B	43	134	77	83	134	3
C	206	1,639	1,522	58	303	Tr.
D	7	Tr.	64	0	1	1
E	0	33	0	0	0	0
F	31	354	12	0	30	4
G	83	134	3	Tr.	17	22
G_1	122	368	414	1	196	20
Total Back Bay	516	2,698	2,148	142	681	50
H	300	731	25	2	47	13
I	539	844	302	781	183	95
J	247	349	373	13	214	622
K	0	0	0	0	0	0
L	582	1,924	922	23	662	2,424
M	612	343	7	14	139	137
N	22	155	170	76	195	347
O	218	1,060	150	8	394	188
P	204	690	178	50	622	1,123
Q	40	56	606	243	453	914
R	0	5	44	Tr.	7	24
S	0	0	0	0	0	0
Total Currituck Sound	2,764	6,157	2,777	1,210	2,916	5,887
Grand Total	3,280	8,855	4,925	1,352	3,597	5,937

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of Redheadgrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	0	0
D	0	0
E	0	0
F	0	0
G	Trace	0
G_1	Trace	0
Total Back Bay	Trace	0
H	1	0
I	97	47
J	215	28
K	0	0
L	1,103	474
M	14	19
N	124	204
O	461	156
P	1,539	1,821
Q	1,014	618
R	19	81
S	0	96
Total Currituck Sound	4,587	3,544
Grand Total	4,587	3,544

Trace equals less than 500 pounds

ıble . Thousands of Pounds (oven-dry wt.) of Muskgrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

ransect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
	0	31	15	0	2	7	4	0	42	30	0	15	0
	173	171	230	0	69	416	98	0	210	179	0	99	76
	46	161	13	1	101	30	0	0	24	7	0	6	0
	187	5	26	0	9	0	0	0	0	0	0	0	0
	0	6	12	0	0	0	0	0	20	18	0	0	15
	9	9	41	0	21	402	59	0	193	240	0	155	144
	290	276	165	Trace	54	470	38	8	134	273	22	496	497
1	80	208	127	14	23	0	0	0	91	14	0	75	30
otal Back Bay	785	867	629	15	279	1,325	199	8	714	761	22	846	762
	250	615	414	0	155	556	5	0	533	120	0	261	449
	217	1,662	1,133	0	14	149	117	0	43	3	2	444	242
	999	638	773	0	686	990	41	0	357	70	5	373	53
	0	0	0	0	0	0	0	0	0	0	0	0	0
	699	1,409	1,329	0	3,016	1,163	52	33	512	1,293	22	459	2,685
	0	0	167	0	21	89	11	0	57	104	0	6	516
	482	981	1,109	0	590	2,065	124	22	242	210	42	55	133
	1,391	2,475	385	0	1,557	565	6	1	794	801	16	452	176
	1,149	1,374	629	0	1,705	6,861	439	14	242	740	63	95	189
	182	301	682	0	39	1,634	5	0	0	56	0	784	85
	391	0	0	0	0	11	0	0	12	224	0	0	0
	0	73	0	0	4	0	0	0	0	0	0	0	0
'otal Currituck Sound	5,760	9,528	6,621	0	7,787	14,083	800	70	2,792	3,630	150	2,929	4,528
rand Total	6,545	10,395	7,250	15	8.066	15,408	999	78	3,506	4,391	172	3,775	5,290

Table . Thousands of Pounds (oven-dry wt.) of Chara spp. on Each Transect of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from February 1960 to November 1961.

Transect	Feb. 60	May 60	Aug. 60	Nov. 60	Feb. 61	Aug. 61	Nov. 61
A	0	0	34	0	0	12	0
B	0	0	154	57	0	89	42
C	0	0	24	0	0	6	0
D	0	0	0	0	0	0	0
E	0	0	20	0	0	0	15
F	0	0	178	105	0	151	69
G	0	0	134	114	22	464	237
G1	0	0	85	0	0	75	30
Total Back Bay	0	0	629	276	22	797	393
H	0	0	378	16	0	194	278
I	0	0	43	0	2	430	29
J	4	0	302	65	5	335	9
K	0	0	0	0	0	0	0
L	48	0	501	488	22	459	2,470
M	0	0	57	54	0	6	117
N	22	0	241	196	40	55	80
O	0	0	776	756	0	360	176
P	22	0	0	13	63	95	131
Q	0	0	0	56	0	784	85
R	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
Total Currituck Sound	96	0	2,298	1,644	132	2,718	3,375
Grand Total	96	0	2,927	1,920	154	3,515	3,768

Table . Thousands of Pounds (oven-dry wt.) of *Chara* Sp. on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	Tr.	13	0	0	1
B	0	8	432	Tr.	0	30
C	0	0	0	0	0	4
D	0	16	Tr.	0	0	Tr.
E	0	9	51	0	Tr.	Tr.
F	0	94	103	0	1	77
G	Tr.	53	71	0	0	164
G_1	Tr.	0	Tr.	0	0	187
Total Back Bay	Tr.	180	670	Tr.	1	463
H	0	463	97	Tr.	0	65
I	0	97	243	3	0	166
J	0	754	657	16	0	0
K	Tr.	0	0	0	0	0
L	0	1,247	1,570	Tr.	0	297
M	0	386	209	Tr.	0	282
N	Tr.	336	717	2	28	755
O	30	381	492	205	40	1,240
P	464	42	496	Tr.	93	1,472
Q	0	862	16	Tr.	15	395
R	91	920	0	0	14	602
S	0	0	0	0	0	0
Total Currituck Sound	585	5,488	4,497	226	190	5,274
Grand Total	585	5,668	5,167	226	191	5,737

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of *Chara* sp. on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	Trace	0
C	0	0
D	0	Trace
E	0	0
F	0	5
G	Trace	167
G_1	11	0
Total Back Bay	11	172
H	0	0
I	39	86
J	72	113
K	0	0
L	131	0
M	91	0
N	782	164
O	768	51
P	260	158
Q	83	170
R	167	0
S	0	0
Total Currituck Sound	2,393	742
Grand Total	2,404	914

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of *Nitella* spp. on Each Transect of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from February 1960 to November 1961.

Transect	Feb. 60	May 60	Aug. 60	Nov. 60	Feb. 61	Aug. 61	Nov. 61
A	4	0	8	30	0	3	0
B	98	0	56	122	0	11	34
C	0	0	0	7	0	0	0
D	0	0	0	0	0	0	0
E	0	0	0	18	0	0	0
F	59	0	15	135	0	5	75
G	38	8	0	159	0	31	260
G1	0	0	6	14	0	0	0
Total Back Bay	199	8	85	485	0	50	369
H	5	0	155	104	0	67	171
I	117	0	0	3	0	14	213
J	36	0	55	6	0	38	44
K	0	0	0	0	0	0	0
L	4	33	10	804	0	0	215
M	11	0	0	50	0	0	399
N	103	22	2	14	2	0	53
O	6	1	18	44	16	92	0
P	417	14	242	735	0	0	58
Q	5	0	0	0	0	0	0
R	0	0	12	224	0	0	0
S	0	0	0	0	0	0	0
Total Currituck Sound	704	70	494	1,984	18	211	1,153
Grand Total	903	78	579	2,469	18	261	1,522

Table . Thousands of Pounds (oven-dry wt.) of *Nitella* sp. on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	1
B	0	0	0	0	0	6
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	7	0	0	0	0
G	0	30	0	0	0	Tr.
G_1	0	19	0	0	0	0
Total Back Bay	0	56	0	0	0	7
H	0	0	0	0	0	Tr.
I	0	0	Tr.	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	228	33	0	0	0
M	0	60	244	0	0	0
N	0	0	13	0	0	0
O	0	0	4	0	0	0
P	0	0	273	0	0	49
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	288	567	0	0	49
Grand Total	0	344	567	0	0	56

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of *Nitella* sp. on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	4
B	0	Trace
C	0	0
D	0	0
E	0	0
F	0	2
G	Trace	74
G_1	0	0
Total Back Bay	Trace	80
H	0	261
I	2	45
J	17	37
K	0	0
L	0	0
M	11	0
N	12	8
O	7	38
P	60	1
Q	8	0
R	0	4
S	0	3
Total Currituck Sound	117	397
Grand Total	117	477

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of *Najas guadalupensis* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	733	765	547	40	721	974	828	275	357	195	66	34	290
B	868	1,241	1,348	589	1,321	2,477	910	638	526	855	307	916	625
C	1,663	1,419	1,345	115	1,732	953	971	280	1,410	1,865	270	1,946	615
D	0	695	132	0	311	1,429	1,339	754	1,750	1,890	733	1,074	848
E	0	0	0	0	0	0	0	0	93	744	588	598	244
F	0	10	0	0	3	314	136	27	371	1,103	278	1,403	287
G	0	0	0	6	26	65	38	100	219	280	120	412	384
G1	449	610	477	91	460	873	241	140	730	708	180	1,264	704
Total Back Bay	3,713	4,740	3,849	841	4,574	7,085	4,463	2,214	5,456	7,640	2,542	7,647	3,997
H	802	1,444	645	463	838	584	159	162	582	1,270	336	835	176
I	1,678	591	1,223	1,321	1,519	1,203	601	284	1,704	1,382	553	795	1,034
J	580	495	585	111	289	1,314	306	201	1,950	1,581	327	784	563
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	850	636	1,628	58	148	934	337	193	2,017	4,218	913	2,320	736
M	190	502	88	144	482	526	374	304	1,063	1,303	847	385	697
N	12	412	253	589	872	1,338	615	886	908	1,157	636	1,464	1,400
O	1,543	1,086	1,095	509	1,085	2,044	404	1,066	2,952	1,768	618	3,173	2,287
P	623	4,933	1,911	1,060	1,220	3,274	1,156	1,026	3,304	2,492	613	1,527	3,197
Q	499	29	76	208	47	1,012	102	22	638	433	273	848	1,365
R	0	1,470	0	0	452	195	0	17	420	1,070	8	40	0
S	0	0	535	0	0	0	0	0	0	0	0	0	0
Total Currituck Sound	6,777	11,598	8,039	4,463	6,952	12,424	4,054	4,161	15,538	16,674	5,124	12,171	11,455
Grand Total	10,490	16,338	11,888	5,304	11,526	19,509	8,517	6,375	20,994	24,314	7,666	19,818	15,452

Table . Thousands of Pounds (oven-dry wt.) of *Najas guadalupensis* on Each Transect Survey of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	52	Tr.	25	39	9	12
B	163	673	518	239	219	267
C	173	232	421	160	56	Tr.
D	230	327	1,502	378	95	332
E	706	2,122	145	448	99	2
F	204	701	1,734	973	550	380
G	24	148	81	532	12	240
G_1	159	658	691	280	128	82
Total Back Bay	1,711	4,861	5,117	3,049	1,168	1,315
H	47	1,135	771	362	37	215
I	323	959	1,350	345	373	1,367
J	500	443	2,187	478	423	2,138
K	Tr.	0	Tr.	Tr.	Tr.	Tr.
L	134	2	412	594	821	3,284
M	1,317	1,502	1,366	843	463	1,906
N	627	292	444	549	597	1,121
O	316	407	558	328	612	1,011
P	1,765	4,247	872	1,045	1,596	3,362
Q	152	1,380	2,169	1,472	1,185	3,024
R	Tr.	168	179	33	104	239
S	Tr.	Tr.	Tr.	11	Tr.	219
Total Currituck Sound	5,181	10,535	10,308	6,060	6,211	17,886
Grand Total	6,892	15,396	15,425	9,109	7,379	19,201

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of *Najas guadalupensis* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	Trace	0
B	40	0
C	Trace	0
D	6	0
E	Trace	0
F	18	Trace
G	Trace	28
G_1	9	Trace
Total Back Bay	73	28
H	58	74
I	979	865
J	1,612	223
K	0	0
L	2,518	8,734
M	901	658
N	1,233	2,561
O	1,455	3,430
P	1,612	3,353
Q	2,076	937
R	285	222
S	144	19
Total Currituck Sound	12,873	21,076
Grand Total	12,946	21,104

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of Widgeongrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	2	14	0	3	Trace	0	0	0
B	0	10	0	17	79	144	271	57	90	157	186	82	50
C	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	6	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	4	216	43	0	14	56	57	0	24
G	0	0	15	2	15	290	45	22	75	468	24	25	24
G1	0	0	0	0	0	2	0	0	0	0	1	0	0
Total Back Bay	0	10	15	19	104	654	373	79	182	681	268	107	98
H	0	0	0	7	7	48	11	8	30	14	5	0	10
I	6	0	0	120	330	462	136	224	165	190	96	61	18
J	17	0	0	163	194	591	297	273	619	518	218	109	62
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	25	0	0	45	77	88	461	461	145	349	407	102	439
M	0	0	0	0	0	0	1	0	16	3	0	0	0
N	0	0	0	3	106	553	168	310	140	349	118	10	68
O	8	0	0	0	1,127	653	213	1,141	908	183	373	98	351
P	17	0	0	0	164	746	222	274	139	201	347	17	336
Q	247	4	0	206	152	744	97	123	317	348	104	347	219
R	0	0	0	0	481	788	0	17	92	418	8	30	69
S	0	0	0	0	40	0	0	0	0	0	0	12	0
Total Currituck Sound	320	4	0	544	2,678	4,673	1,606	2,831	2,571	2,573	1,676	786	1,572
Grand Total	320	14	15	563	2,782	5,327	1,979	2,910	2,753	3,254	1,944	893	1,670

Table . Thousands of Pounds (over-dry wt.) of Widgeongrass on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	1	70	130	92	33	1
B	21	128	523	276	239	2
C	0	0	Tr.	Tr.	0	Tr.
D	0	12	Tr.	6	Tr.	Tr.
E	1	6	57	0	Tr.	0
F	34	292	340	50	25	91
G	131	286	503	319	63	129
G_1	0	15	37	0	0	0
Total Back Bay	188	809	1,590	743	360	223
H	36	112	160	39	23	12
I	80	493	261	384	237	93
J	263	1,849	397	875	309	12
K	0	0	0	0	0	0
L	1,431	3,136	271	970	132	247
M	27	36	8	6	5	48
N	152	314	200	290	275	87
O	218	411	278	249	144	181
P	892	2,476	549	603	885	2,454
Q	1,189	2,110	928	1,094	952	2,163
R	129	71	54	132	60	471
S	24	0	0	Tr.	0	251
Total Currituck Sound	4,441	11,008	3,106	4,642	3,022	6,019
Grand Total	4,629	11,817	4,696	5,385	3,382	6,242

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of Widgeongrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	Trace
C	0	0
D	Trace	0
E	Trace	0
F	Trace	0
G	Trace	3
G_1	0	0
Total Back Bay	Trace	3
H	Trace	0
I	28	33
J	175	33
K	0	0
L	341	97
M	0	0
N	216	166
O	422	157
P	1,910	419
Q	1,633	724
R	299	421
S	86	107
Total Currituck Sound	5,110	2,157
Grand Total	5,110	2,160

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of *Eleocharis parvula* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A						7	Trace		1		1		
B								3	5	24	11		
C		4		Trace	140	152	71	3	107	97	10	4	
D													
E													
F													
G													1
G1		14			113	86	35	43	84	136	1	12	50
Total Back Bay	0	18	0	Trace	253	245	106	49	197	257	23	16	51
H						62			9	4			
I						87	17	44	92	244	1	26	8
J									56	46	12	160	
K													
L													
M									3	14	9		
N										1			61
O													
P										29			5
Q													
R													
S													
Total Currituck Sound	0	0	0	0	0	149	17	44	160	338	22	186	74
Grand Total	0	18	0	Trace	253	394	123	93	357	585	45	202	125

Table . Thousands of Pounds (oven-dry wt.) of Eleocharis parvula on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	1	Tr.	Tr.	0	0	0
B	6	Tr.	Tr.	0	0	0
C	Tr.	Tr.	Tr.	49	1	0
D	0	Tr.	0	0	0	0
E	Tr.	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	52	62	175	31	3	0
Total Back Bay	59	62	175	80	4	0
H	0	0	0	0	0	Tr.
I	Tr.	24	0	0	0	0
J	38	46	16	7	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	61	34	39	1	40
N	0	0	0	0	0	0
O	6	0	0	Tr.	0	0
P	Tr.	0	Tr.	2	3	14
Q	0	0	10	6	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	44	131	60	54	4	54
Grand Total	103	193	235	134	8	54

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of *Eleocharis parvula* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	Trace	Trace
D	0	0
E	Trace	0
F	0	0
G	0	0
G_1	20	Trace
Total Back Bay	20	Trace
H	0	0
I	4	47
J	14	2
K	0	0
L	73	0
M	0	17
N	0	0
O	0	0
P	0	0
Q	29	0
R	0	0
S	0	0
Total Currituck Sound	120	66
Grand Total	140	66

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of *Sagittaria subulata* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A													
B													23.
C			1			40						25	112
D													
E													
F													
G													
G1		4	8			12	7		98	54	60	90	128
Total Back Bay	0	4	9	0	0	52	7	0	98	54	60	115	263
H										1			
I									69	114		3	50
J									21	60	11	35	74
K													
L													
M												15	3
N													
O													
P													
Q													
R													
S													
Total Currituck Sound	0	0	0	0	0	0	0	0	90	175	11	53	127
Grand Total	0	4	9	0	0	52	7	0	188	229	71	168	390

Table . Thousands of Pounds (oven-dry wt.) of *Sagittaria subulata* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	2	0	Tr.	1	0	0
B	0	Tr.	0	0	Tr.	0
C	2	Tr.	0	0	22	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	Tr.	0	0	0
G_1	88	419	139	23	21	133
Total Back Bay	92	419	139	24	43	133
H	9	0	Tr.	0	0	Tr.
I	20	13	4	0	6	17
J	200	17	11	Tr.	10	50
K	0	0	0	0	0	0
L	0	0	19	0	3	0
M	0	13	0	10	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	229	43	34	10	19	67
Grand Total	321	462	173	34	62	200

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry-weight) of *Sagittaria subulata* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	Trace	0
D	0	0
E	0	0
F	0	0
G	0	0
G_1	132	Trace
Total Back Bay	132	Trace
H	0	0
I	27	0
J	14	0
K	0	0
L	0	0
M	0	0
N	0	0
O	0	0
P	0	0
Q	0	0
R	0	0
S	0	0
Total Currituck Sound	41	0
Grand Total	173	Trace

Trace equals less than 500 pounds

Table . Thousands of Pounds (oven-dry wt.) of *Potamogeton berchtoldii* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, as Determined by Each Transect Survey from August 1958 to November

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A													
B													
C													
D													
E													
F													
G													
G1													
Total Back Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
H													
I													
J													
K													
L													
M													
N									2	6			
O													
P									127				
Q													
R													
S													
Total	0	0	0	0	0	0	0	0	129	6	0	0	0
Currituck Sound													
Grand Total	0	0	0	0	0	0	0	0	129	6	0	0	0

Table . Thousands of Pounds (over-dry wt.) of Potamogeton berchtoldii on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	Tr.	Tr.	0	0	Tr.	0
C	0	Tr.	0	0	0	0
D	0	0	Tr.	0	0	0
E	0	0	0	0	Tr.	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	0	0	0	0	0
Total Back Bay	Tr.	Tr.	Tr.	0	Tr.	0
H	0	0	0	0	0	0
I	0	0	0	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	Tr.	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	Tr.	0	0	0	0
Grand Total	Tr.	Tr.	Tr.	0	Tr.	0

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry wt.) of *Ceratophyllum demersum* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962			1963		
	May	August	November	February	May	August
A	0	0	0	0	0	0
B	Tr.	Tr.	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	0	0	0	0	0
Total Back Bay	Tr.	Tr.	0	0	0	0
H	0	0	0	0	0	0
I	0	0	0	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	0	0	0	0	0
Grand Total	Tr.	Tr.	0	0	0	0

Tr. equals less than 500 lbs.

Table . Thousands of Pounds (oven-dry wt.) of *Anacharis canadensis* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	0	0	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	Tr.	0	0	Tr.	0
Total Back Bay	0	Tr.	0	0	Tr.	0
H	0	0	Tr.	0	0	Tr.
I	0	0	0	0	0	0
J	0	0	15	Tr.	5	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	0	15	Tr.	5	Tr.
Grand Total	0	Tr.	15	Tr.	5	Tr.

Tr. equals less than 500 lbs.

Table . Percent Frequency of Sago Pondweed on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	0	14	14	0	5	0	0	0	0	0	0	0	5	0	0	0
B	30	40	40	40	20	3	33	20	40	23	6	17	17	17	3	17	3
C	18	50	67	33	28	0	11	6	17	0	0	0	6	0	0	6	0
D	45	31	40	60	22	2	20	20	7	4	0	22	0	9	18	13	2
E	45	33	40	13	9	11	0	0	4	0	2	4	4	2	0	4	0
F	51	47	35	35	16	10	25	14	10	2	0	6	14	2	0	6	4
G	30	63	40	50	20	13	17	20	10	3	3	10	13	23	10	20	10
G_1	24	---	29	25	8	0	21	12	0	0	0	0	4	0	0	4	0
Back Bay	264	38	38	35	15	6	13	12	11	4	2	9	8	7	5	9	3
H	18	0	17	17	50	0	6	6	17	X	0	0	0	0	0	6	0
I	18	83	67	67	33	50	28	39	28	X	6	28	5	22	39	6	22
J	21	86	86	57	71	100	14	57	48	X	14	43	10	38	0	5	28
K	45	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	33	62	44	22	36	33	3	24	27	X	12	0	15	21	18	24	24
M	39	8	0	15	8	3	0	0	3	X	0	0	0	8	0	0	0
N	57	67	74	32	84	25	32	19	39	X	9	12	19	40	17	32	15
O	42	77	57	71	86	45	55	40	26	X	33	17	29	33	12	43	28
P	36	50	64	67	31	54	31	21	22	X	36	0	22	17	36	28	27
Q	42	36	57	29	29	17	21	2	6	X	0	0	12	5	12	38	16
R	39	8	15	15	15	10	8	10	7	X	0	0	3	0	0	5	0
S	30	10	9	9	15	9	3	5	0	X	0	0	0	0	0	3	0
Currituck Sound	420	40	40	31	39	28	18	17	18	X	10	7	11	16	11	18	13

Table . Percent Frequency of Sago Pondweed on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	0	0	0	0	0
B	30	10	17	17	17	7	0
C	18	0	17	17	28	22	6
D	45	20	4	16	13	11	0
E	45	2	22	2	11	13	0
F	51	12	*13	12	8	18	4
G	30	23	43	17	30	30	0
G_1	24	4	13	13	4	0	13
Back Bay	264	10	**16	11	13	13	2
H	18	0	11	11	***8	6	11
I	18	17	17	17	33	50	6
J	21	19	86	43	14	38	14
K	45	0	0	0	0	0	0
L	33	18	21	36	21	9	3
M	39	0	0	0	0	0	0
N	57	21	32	53	51	28	32
O	42	26	40	48	45	31	31
P	36	17	31	47	44	47	47
Q	42	21	36	43	43	36	29
R	39	0	3	0	13	0	0
S	30	0	0	0	0	0	0
Currituck	420	12	22	26	****25	20	16

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of Sago Pondweed on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	0	0
C	18	0	0
D	45	0 1/	0
E	45	0	0
F	51	0	0
G	30	0	0
G_1	24	0	0
Back Bay	264	0 2/	0
H	18	0	0
I	18	6	0
J	21	0	0
K	45	0	0
L	33	0	0
M	39	0	0
N	57	11	12
O	43	19	33
P	36	53	64
Q	42	43	29
R	39	13	5
S	30	0	0
Currituck Sound	420	14	14

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of Wildcelery on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	71	86	100	95	67	62	100	71	5	0	100	100	38	14	29	38
B	30	80	50	80	87	40	73	83	63	3	3	77	100	80	17	97	87
C	18	50	83	100	83	50	78	94	78	16	6	72	100	56	6	89	83
D	45	13	7	13	16	9	13	20	16	2	0	36	36	38	4	33	26
E	45	7	7	7	4	4	6	7	4	7	0	0	18	2	0	11	13
F	51	6	12	18	4	2	4	12	10	0	0	20	41	37	0	35	24
G	30	38	30	30	40	23	20	30	33	3	0	43	43	47	0	43	60
G_1	24	--	71	88	71	46	83	79	42	5	6	96	79	58	13	100	75
Back Bay	264	29	32	42	38	23	33	41	30	3	2	46	55	41	5	48	40
H	18	80	83	83	83	78	66	78	78	X	0	50	100	83	0	72	55
I	18	83	100	67	100	44	72	78	39	X	0	94	100	95	0	100	61
J	21	86	100	86	71	48	81	86	10	X	5	100	95	76	0	95	57
K	45	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	33	38	44	44	45	15	30	42	12	X	0	48	52	33	0	79	18
M	39	54	38	54	38	31	26	54	36	X	3	42	49	41	0	49	51
N	57	11	26	26	47	26	19	33	14	X	0	54	54	56	3	72	50
O	42	8	29	29	36	29	19	48	12	X	2	57	52	40	2	57	47
P	36	25	27	22	46	25	28	48	28	X	3	33	53	25	0	44	33
Q	42	36	43	21	21	5	21	31	7	X	0	12	14	23	0	43	38
R	39	0	8	0	15	0	0	15	2	X	0	0	0	10	0	8	2
S	30	0	9	9	8	0	0	3	0	X	0	0	0	0	0	0	0
Currituck Sound	420	27	34	30	36	22	24	37	16	X	1	36	40	45	0.4	47	32

Table . Percent Frequency of Wildcelery on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	48	43	24	0	38	48
B	30	77	93	60	30	97	100
C	18	94	89	78	11	100	94
D	45	47	42	44	20	38	38
E	45	20	29	16	0	20	40
F	51	37	*38	25	10	31	43
G	30	70	77	50	0	60	67
G_1	24	100	96	92	46	96	100
Back Bay	264	55	**57	43	14	52	60
H	18	89	100	89	***33	78	100
I	18	94	89	44	0	83	100
J	21	95	100	57	14	95	95
K	45	0	0	2	0	0	2
L	33	55	52	48	0	73	67
M	39	44	72	54	0	51	74
N	57	51	61	42	2	82	84
O	42	48	38	26	2	55	71
P	36	53	75	42	6	56	81
Q	42	31	40	36	2	57	79
R	39	0	5	3	3	13	21
S	30	0	0	0	0	3	23
Currituck	420	40	47	33	****3	51	63

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of Wildcelery on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	24	0
B	30	83	0
C	18	56	0
D	45	33 1/	2
E	45	9	4
F	51	37	6
G	30	67	37
G_1	24	83	0
Back Bay	264	45 2/	6
H	18	17	61
I	18	83	78
J	21	71	95
K	45	0	0
L	33	30	33
M	39	77	56
N	57	54	37
O	42	31	60
P	36	22	53
Q	42	14	29
R	39	0	23
S	30	0	17
Currituck Sound	420	31	40

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of Redheadgrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	0	0	0	9	0	0	0	19	0	0	5	14	0	5	14	14
B	30	0	0	0	0	0	10	0	10	17	3	3	20	27	23	20	40
C	18	0	0	33	17	11	17	33	50	39	50	50	67	61	67	56	66
D	45	0	0	0	0	0	0	0	0	0	0	0	2	7	4	0	0
E	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	51	0	0	0	2	0	0	2	2	2	4	2	6	6	0	4	8
G	30	0	0	0	0	0	0	13	0	3	3	7	10	20	20	30	46
G_1	24	--	43	50	42	42	46	46	71	57	42	50	50	71	79	83	79
Back Bay	264	0	3	7	6	4	6	8	13	10	9	11	15	18	18	19	25
H	18	0	0	0	0	0	6	44	67	X	44	67	50	83	50	56	33
I	18	33	33	17	50	17	28	67	94	X	61	83	78	78	61	61	77
J	21	57	43	57	29	33	43	43	76	X	62	62	52	86	19	57	90
K	45	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	33	23	0	22	27	26	18	21	33	X	12	33	12	27	21	9	15
M	39	15	8	8	8	8	0	5	3	X	3	3	3	0	0	5	7
N	57	0	5	0	11	0	5	11	9	X	4	4	5	17	10	11	14
O	42	0	7	0	14	0	0	5	17	X	3	7	19	17	12	31	21
P	36	0	18	11	8	0	11	12	25	X	39	33	17	28	30	8	27
Q	42	0	0	0	0	2	0	2	7	X	0	0	5	5	9	19	19
R	39	0	0	0	0	0	3	13	12	X	0	0	0	15	0	0	0
S	30	0	0	0	8	0	0	0	3	X	0	0	0	0	0	0	0
Currituck Sound	420	8	7	7	10	5	7	13	20	X	13	17	14	21	13	16	19

Table . Percent Frequency of Redheadgrass on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	14	33	19	10	19	0
B	30	47	30	40	47	57	23
C	18	78	67	94	78	89	6
D	45	7	4	20	0	2	4
E	45	0	13	0	0	0	0
F	51	16	*16	14	0	10	8
G	30	40	43	23	17	43	33
G_1	24	88	96	92	58	92	38
Back Bay	264	28	**31	30	19	30	13
H	18	78	67	67	***50	61	44
I	18	89	78	78	56	83	50
J	21	71	71	86	43	76	90
K	45	0	0	0	0	0	0
L	33	33	21	36	15	18	33
M	39	13	15	8	13	15	26
N	57	16	23	39	28	33	32
O	42	17	19	24	10	14	36
P	36	22	42	56	33	56	75
Q	42	12	5	50	60	38	50
R	39	0	3	3	3	5	5
S	0	0	0	0	0	0	0
Currituck	420	21	22	32	****22	28	33

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of Redheadgrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	0	0
C	18	0	0
D	45	0 1/	0
E	45	0	0
F	51	2	0
G	30	10	0
G_1	24	13	0
Back Bay	264	3 2/	0
H	18	6	0
I	18	94	34
J	21	86	33
K	45	0	0
L	33	30	36
M	39	15	10
N	57	28	37
O	42	40	19
P	36	67	56
Q	42	64	57
R	39	8	10
S	30	0	7
Currituck Sound	420	33	26

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of Muskgrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	14	0	29	19	14	5	14	19	14	19	0	33	14	0	10	0
B	30	10	20	40	63	37	0	23	50	22	26	0	60	57	10	15	40
C	18	0	33	67	89	50	6	22	28	6	0	0	11	11	0	17	28
D	45	0	0	33	9	11	0	13	4	0	0	0	0	7	0	7	7
E	45	0	7	0	4	7	0	4	4	0	0	0	16	7	2	7	0
F	51	0	24	12	16	10	2	16	18	14	24	0	22	18	0	6	12
G	30	25	20	10	37	30	7	27	40	33	23	7	43	30	10	25	43
G_1	24	--	29	75	79	71	12	42	8	0	24	0	14	12	0	33	42
Back Bay	264	5	15	27	31	23	3	18	19	10	7	1	22	19	4	15	19
H	18	0	50	83	83	72	0	44	72	X	44	0	50	39	0	39	83
I	18	0	33	33	100	61	0	6	17	X	50	0	11	6	5	29	56
J	21	29	14	57	29	76	0	62	62	X	43	0	48	24	14	33	57
K	45	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	33	8	11	22	36	26	0	39	36	X	18	6	15	39	12	18	33
M	39	0	0	0	8	13	0	33	46	X	31	0	18	18	0	5	38
N	57	28	11	53	63	40	7	49	58	X	39	11	21	25	7	16	14
O	42	8	14	79	64	67	14	48	50	X	36	5	36	33	19	36	26
P	36	8	45	44	54	35	6	31	44	X	36	6	8	22	8	6	39
Q	42	14	0	14	7	41	0	14	26	X	19	14	0	7	0	10	5
R	39	0	0	15	8	3	0	0	31	X	3	0	3	3	0	0	0
S	30	0	9	9	15	6	0	5	0	X	0	0	0	0	0	0	0
Currituck Sound	420	9	12	32	35	35	3	27	35	X	24	4	15	20	7	16	23

Table . Percent Frequency of *Chara* sp. on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from February 1960 to November 1961.

Transect	No. Samples	1960 February	1960 May	1960 August	1960 November	1961 February	1961 August	1961 November
A	21	5	0	29	0	0	10	0
B	30	0	0	60	37	7	17	36
C	18	0	0	11	0	0	17	11
D	45	0	0	0	0	0	7	6
E	45	0	0	16	0	2	7	0
F	51	0	0	22	8	0	10	12
G	30	0	7	43	23	10	23	40
G_1	24	0	0	17	0	0	29	41
Back Bay	264	0	1	23	8	2	14	16
H	18	0	0	39	22	5	33	83
I	18	0	0	11	0	14	44	38
J	21	10	0	48	12	0	29	42
K	45	0	0	0	0	12	0	0
L	33	12	0	15	21	0	18	33
M	39	3	0	18	8	3	5	28
N	57	11	0	21	23	17	16	14
O	42	29	0	36	33	8	36	26
P	36	11	0	0	3	0	6	25
Q	42	5	0	0	7	0	10	4
R	39	3	14	0	0	0	0	0
S	30	0	0	0	0	0	0	0
Currituck Sound	420	8	1	14	12	5	14	20

Table . Percent Frequency of *Chara* sp. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	5	29	5	0	10
B	30	0	13	27	10	0	47
C	18	0	0	0	0	0	17
D	45	0	7	7	0	0	2
E	45	0	13	7	0	2	2
F	51	0	*16	14	0	2	8
G	30	3	13	30	0	0	37
G_1	24	4	0	4	0	0	58
Back Bay	264	1	**10	14	2	1	19
H	18	0	50	50	*** 8	0	22
I	18	0	33	56	11	0	28
J	21	0	71	76	33	14	0
K	45	2	0	0	0	0	0
L	33	0	27	36	3	0	18
M	39	0	33	44	0	0	44
N	57	11	28	42	7	14	53
O	42	14	31	45	38	36	33
P	36	17	6	25	6	11	22
Q	42	0	12	5	2	7	14
R	39	8	13	0	0	3	8
S	30	0	0	0	0	0	0
Currituck	420	5	22	28	**** 8	8	22

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Chara* sp. on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	3	0
C	18	0	0
D	45	0 1/	2
E	45	0	0
F	51	2	6
G	30	7	30
G_1	24	38	0
Back Bay	264	5 2/	5
H	18	0	0
I	18	22	28
J	21	19	38
K	45	0	0
L	33	9	0
M	39	33	0
N	57	56	25
O	42	48	24
P	36	22	33
Q	42	14	19
R	39	10	0
S	30	0	0
Currituck Sound	420	22	14

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of *Nitella* sp. on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from February 1960 to November 1961

Transect	No. Samples	1960 February	1960 May	1960 August	1960 November	1961 February	1961 August	1961 November
A	21	14	0	19	14	0	5	0
B	30	27	0	33	40	3	7	30
C	18	0	0	0	11	0	0	22
D	45	0	0	0	7	0	0	2
E	45	0	0	0	7	0	0	0
F	51	24	0	6	18	0	6	12
G	30	23	0	27	27	0	17	43
G_1	24	0	0	13	12	0	8	0
Back Bay	264	7	0	11	16	0.4	5	12
H	18	44	0	39	39	0	28	66
I	18	50	0	0	6	0	11	38
J	21	39	0	10	9	0	10	28
K	45	0	0	0	0	0	0	0
L	33	7	0	9	36	0	0	27
M	39	28	0	0	18	0	0	33
N	57	32	0	2	7	3	0	10
O	42	19	0	19	10	2	5	0
P	36	42	0	8	22	0	0	13
Q	42	12	0	0	0	0	0	0
R	39	0	0	3	3	0	0	0
S	30	0	0	0	0	0	0	0
Currituck Sound	420	20	0	6	11	0.7	3	15

Table . Percent Frequency of Nitella sp. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	0	0	0	0	10
B	30	0	0	0	0	0	13
C	18	0	0	0	0	0	0
D	45	0	0	0	0	0	0
E	45	0	0	0	0	0	0
F	51	0	*7	0	0	0	0
G	30	0	17	0	0	0	7
G_1	24	0	4	0	0	0	0
Back Bay	264	0	**3	0	0	0	3
H	18	0	0	0	*** 0	0	6
I	18	0	0	6	0	0	0
J	21	0	0	0	0	0	0
K	45	0	0	0	0	0	0
L	33	0	3	6	0	0	0
M	39	0	10	38	0	0	0
N	57	0	0	2	0	0	0
O	42	0	0	5	0	0	0
P	36	0	0	17	0	0	6
Q	42	0	0	0	0	0	0
R	39	0	0	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	0	1	6	****0	0	1

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Nitella* sp. on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	5
B	30	0	3
C	18	0	0
D	45	0 1/	0
E	45	0	0
F	51	0	2
G	30	10	33
G_1	24	0	0
Back Bay	264	1 2/	5
H	18	0	50
I	18	11	50
J	21	5	29
K	45	0	0
L	33	0	0
M	39	10	0
N	57	4	7
O	42	2	26
P	36	22	6
Q	42	2	0
R	39	0	3
S	30	0	3
Currituck Sound	420	5	10

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of *Najas guadalupensis* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	100	86	100	100	76	38	86	95	100	100	95	74	76	86	71	71
B	30	90	100	100	83	87	87	83	80	87	83	97	73	80	87	97	90
C	18	75	100	100	100	100	100	94	100	100	94	94	94	100	100	100	100
D	45	19	0	27	38	20	2	33	44	47	36	62	56	67	82	49	40
E	45	0	0	0	0	0	11	11	18	18	9	18	47	47	44	60	31
F	51	12	0	6	14	8	0	14	27	25	47	31	65	63	57	53	37
G	30	75	0	10	3	0	17	33	43	40	67	57	70	87	73	80	63
G_1	24	--	100	100	92	83	58	96	96	90	100	96	96	96	100	96	95
Back Bay	264	40	33	42	42	35	29	45	52	53	57	60	68	72	73	70	58
H	18	100	83	83	50	83	78	72	94	X	44	94	83	100	100	72	100
I	18	100	83	83	100	83	89	83	83	X	100	94	100	100	100	94	100
J	21	86	57	57	71	57	43	67	81	X	95	90	100	90	100	90	100
K	45	7	0	0	0	0	0	0	0	X	2	11	0	0	0	0	0
L	33	46	67	56	45	41	27	42	45	X	70	55	76	45	67	76	33
M	39	69	100	54	69	56	23	54	67	X	75	86	87	62	74	67	66
N	57	17	58	16	47	32	37	67	67	X	98	93	81	88	88	82	89
O	42	38	57	14	64	43	48	52	48	X	55	71	69	57	52	74	78
P	36	67	82	22	69	67	67	50	78	X	92	83	83	61	83	61	77
Q	42	43	43	14	14	21	31	33	38	X	45	33	33	52	50	74	50
R	39	0	23	0	15	15	13	38	31	X	46	28	10	13	18	13	5
S	30	10	9	9	0	9	0	0	0	X	0	20	3	0	0	0	0
Currituck Sound	420	40	51	26	41	41	33	43	47	X	61	60	56	52	57	56	54

Table . Percent Frequency of *Najas guadalupensis* on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	52	48	52	81	81	33
B	30	63	77	60	83	80	90
C	18	100	61	78	89	89	39
D	45	60	51	84	58	67	42
E	45	58	51	58	38	73	24
F	51	55	*49	53	45	78	33
G	30	83	80	77	67	67	57
G_1	24	100	96	88	96	96	71
Back Bay	264	67	**62	67	63	77	46
H	18	94	83	78	***100	78	94
I	18	100	67	94	89	89	100
J	21	90	76	100	95	95	100
K	45	7	0	2	7	2	2
L	33	45	3	52	70	48	79
M	39	92	97	95	90	85	92
N	57	70	56	67	77	82	84
O	42	45	45	43	50	40	64
P	36	72	83	72	75	83	86
Q	42	29	50	83	74	86	88
R	39	18	28	49	21	51	26
S	30	40	10	13	13	10	30
Currituck	420	53	47	59	**** 59	60	67

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Najas guadalupensis* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	19	0
B	30	73	0
C	18	22	0
D	45	41 1/	0
E	45	22	0
F	51	39	6
G	30	73	33
G_1	24	75	13
Back Bay	264	45 2/	6
H	18	67	61
I	18	100	100
J	21	100	100
K	45	0	0
L	33	64	82
M	39	92	74
N	57	96	98
O	42	67	52
P	36	75	78
Q	42	90	69
R	39	49	33
S	30	30	17
Currituck Sound	420	68	62

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of Widgeongrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21	14	0	0	0	9	0	0	19	0	14	10	14	5	0	5	5
B	30	20	10	10	20	3	20	27	27	30	33	30	33	30	57	20	20
C	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	45	0	0	0	0	0	4	0	0	0	0	0	0	2	2	2	0
E	45	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
F	51	0	0	0	0	0	4	8	12	14	14	2	12	10	6	4	6
G	30	13	0	10	0	10	13	13	30	37	17	13	20	30	13	20	20
G_1	24	0	0	0	0	4	0	0	4	0	24	0	8	0	13	0	0
Back Bay	264	5	1	2	2	3	5	7	10	10	13	6	10	9	11	6	6
H	18	40	0	0	0	0	17	6	67	X	44	28	22	28	28	0	16
I	18	33	17	17	0	0	50	67	89	X	61	50	56	44	44	28	22
J	21	43	14	14	0	0	71	57	95	X	90	33	100	100	86	43	38
K	45	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	33	54	0	22	0	0	6	18	21	X	31	39	21	24	42	24	33
M	39	23	0	0	0	0	3	0	3	X	3	0	3	5	0	0	7
N	57	50	5	0	0	0	2	33	44	X	39	42	28	46	33	12	14
O	42	62	7	7	0	0	0	52	38	X	38	64	45	43	64	21	26
P	36	67	27	33	0	0	0	24	47	X	50	44	19	17	53	11	38
Q	42	71	7	29	7	0	17	43	36	X	29	40	43	55	50	55	47
R	39	23	8	0	0	0	3	23	14	X	8	10	10	23	15	8	12
S	30	10	9	0	0	0	0	8	0	X	0	0	0	7	0	3	0
Currituck Sound	420	28	5	6	1	0	9	26	31	X	29	30	25	30	37	16	20

Table . Percent Frequency of Widgeongrass on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	5	38	14	33	33	29
B	30	23	17	30	27	23	10
C	18	0	0	6	6	0	6
D	45	0	4	2	2	4	4
E	45	2	4	11	0	4	0
F	51	10	*24	14	6	10	16
G	30	43	37	33	43	30	37
G_1	24	0	4	8	0	0	0
Back Bay	264	10	**16	14	13	12	12
H	18	50	44	28	***33	44	17
I	18	22	78	50	50	44	39
J	21	38	95	62	100	81	5
K	45	0	0	0	0	0	0
L	33	42	39	30	48	27	18
M	39	5	8	3	13	2	8
N	57	44	49	47	39	44	23
O	42	50	31	69	45	40	50
P	36	53	64	75	50	53	75
Q	42	62	52	74	67	67	88
R	39	13	15	13	23	23	31
S	30	7	0	0	3	0	20
Currituck	420	32	36	37	****37	34	32

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of Widgeongrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	0	7
C	18	0	0
D	45	5 1/	0
E	45	4	0
F	51	2	0
G	30	17	3
G_1	24	0	0
Back Bay	264	4 2/	1
H	18	6	0
I	18	39	22
J	21	57	14
K	45	0	0
L	33	9	15
M	39	0	0
N	57	44	28
O	42	71	17
P	36	64	42
Q	42	83	83
R	39	46	49
S	30	20	27
Currituck Sound	420	38	27

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of *Eleocharis parvula* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21								14		5		10		10		5
B	30									3		10	17	7	7		
C	18				6		17	22	44	72	44	39	39	22	39	6	
D	45									4							
E	45																
F	51																
G	30																10
G_1	24				42	29		58	54	57	65	30	63	58	21	42	33
Back Bay	264	0	0	0	4	3	1	7	9	5	9	7	11	8	6	4	5
H	18								28	X	28		17	6			
I	18						11	11	44	X	22	22	28	72	5	28	11
J	21								14	X	19		24	24	24	38	
K	45									X							
L	33						3			X							
M	39						3		13	X	8		3	10	18		
N	57								2	X				2			14
O	42								2	X	5						
P	36								3	X				6			11
Q	42									X							
R	39									X							
S	30									X							
Currituck Sound	420	0	0	0	0	0	1	1	6	X	4	1	3	6	3	2	2

Table . Percent Frequency of Eleocharis parvula on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	5	10	10	0	0	0
B	30	3	3	3	0	0	0
C	18	6	6	6	11	11	0
D	45	0	2	0	0	0	0
E	45	2	0	0	0	0	0
F	51	0	*0	0	0	0	0
G	30	0	0	0	0	0	0
G_1	24	67	54	67	75	21	0
Back Bay	264	8	**7	8	8	3	0
H	18	0	0	0	***0	0	6
I	18	6	17	0	0	0	0
J	21	48	14	19	19	0	0
K	45	0	0	0	0	0	0
L	33	0	0	0	0	0	0
M	39	0	18	13	21	10	10
N	57	0	0	0	0	0	0
O	42	2	0	0	5	0	0
P	36	3	0	3	6	11	6
Q	42	0	0	2	5	0	0
R	39	0	0	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	3	3	3	****4	2	2

* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Eleocharis parvula* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	0	0
C	18	17	6
D	45	0 1/	0
E	45	2	0
F	51	0	0
G	30	0	0
G_1	24	38	38
Back Bay	264	5 2/	4
H	18	0	0
I	18	11	61
J	21	14	5
K	45	0	0
L	33	0	0
M	39	18	26
N	57	0	0
O	42	0	0
P	36	0	0
Q	42	2	0
R	39	0	0
S	30	0	0
Currituck Sound	420	3	5

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of *Sagittaria subulata* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21																14
B	30													3			20
C	18					17			17	11						11	33
D	45																
E	45																
F	51																
G	30																
G_1	24				29	58			38				67	54	54	42	58
Back Bay	264	0	0	0	3	6	0	0	4	1	3	0	6	5	5	5	11
H	18									X				6			
I	18									X			22	28		6	22
J	21									X			14	24	9	14	42
K	45									X							
L	33									X							
M	39									X			3			3	
N	57									X							
O	42									X							
P	36									X							
Q	42									X							
R	39									X							
S	30									X							
Currituck Sound	420	0	0	0	0	0	0	0	0	X	0	0	2	3	0.4	2	3

Table . Percent Frequency of *Sagittaria subulata* on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	14	0	5	5	0	0
B	30	0	7	0	0	3	0
C	18	11	6	0	0	11	0
D	45	0	0	0	0	0	0
E	45	0	0	0	0	0	0
F	51	0	*0	0	0	0	0
G	30	0	0	3	0	3	0
G_1	24	75	75	63	33	42	63
Back Bay	264	9	**8	6	3	5	6
H	18	11	0	11	***0	0	6
I	18	17	11	22	0	17	28
J	21	48	5	29	Tr.	24	24
K	45	0	0	0	0	0	0
L	33	0	0	3	0	3	0
M	39	0	5	0	3	2	0
N	57	0	0	0	0	0	0
O	42	0	0	0	0	0	0
P	36	0	0	0	0	0	0
Q	42	0	0	0	0	0	0
R	39	0	0	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	4	1	3	****Tr.	2	3

Trace equals less than 0.5 percent.
* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Sagittaria subulata* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Samples	1963 November	1964 November
A	21	0	0
B	30	0	0
C	18	11	0
D	45	0 1/	0
E	45	0	0
F	51	0	0
G	30	0	0
G_1	24	67	38
Back Bay	264	7 2/	3
H	18	0	0
I	18	33	0
J	21	14	0
K	45	0	0
L	33	0	0
M	39	0	0
N	57	0	0
O	42	0	0
P	36	0	0
Q	42	0	0
R	39	0	0
S	30	0	0
Currituck Sound	420	2	0

1/ Based on 39 samples
2/ Based on 258 samples

Table . Percent Frequency of *Potamogeton berchtoldi* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from May 1958 to November 1961.

		1958					1959			1960					1961		
Transect	No. Samples	May	July	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	21							10			5						
B	30															3	
C	18																
D	45																
E	45																
F	51																
G	30																
G_1	24																
Back Bay	264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0
H	18									X						6	
I	18									X							
J	21									X							
K	45									X							
L	33									X							
M	39									X							
N	57									X			2	2			
O	42									X							
P	36									X			8				
Q	42									X					2		
R	39									X							
S	30									X							
Currituck Sound	420	0	0	0	0	0	0	0	0	X	0	0	Tr.	Tr.	0	0.1	0

Table . Percent Frequency of Potamogeton berchtoldii on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	0	0	0	0	0
B	30	3	3	0	0	10	0
C	18	0	6	0	0	0	0
D	45	0	0	2	0	0	0
E	45	0	0	0	0	2	0
F	51	0	*0	0	0	0	0
G	30	0	0	0	0	0	0
G_1	24	0	0	0	0	0	0
Back Bay	264	Tr.	**1	Tr.	0	2	0
H	18	0	0	0	*** 0	0	0
I	18	0	0	0	0	0	0
J	21	0	0	0	0	0	0
K	45	0	0	0	0	0	0
L	33	0	0	0	0	0	0
M	39	0	0	0	0	0	0
N	57	0	0	0	0	0	0
O	42	0	0	0	0	0	0
P	36	0	0	0	0	0	0
Q	42	0	0	0	0	0	0
R	39	0	5	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	0	Tr.	0	**** 0	0	0

Trace equals less than 015 percent.
* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of *Ceratophyllum demersum* on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	0	0	0	0	0
B	30	3	3	0	0	0	0
C	18	0	0	0	0	0	0
D	45	0	0	0	0	0	0
E	45	0	0	0	0	0	0
F	51	0	*0	0	0	0	0
G	30	0	0	0	0	0	0
G_1	24	0	0	0	0	0	0
Back Bay	264	Tr.	**Tr.	0	0	0	0
H	18	0	0	0	***0	0	0
I	18	0	0	0	0	0	0
J	21	0	0	0	0	0	0
K	45	0	0	0	0	0	0
L	33	0	0	0	0	0	0
M	39	0	0	0	0	0	0
N	57	0	0	0	0	0	0
O	42	0	0	0	0	0	0
P	36	0	0	0	0	0	0
Q	42	0	0	0	0	0	0
R	39	0	0	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	0	0	0	**** 0	0	0

Tr. equals less than 0.5 percent.
* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table . Percent Frequency of Anacharis canadensis on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	21	0	0	0	0	0	0
B	30	0	0	0	0	0	0
C	18	0	0	0	0	0	0
D	45	0	0	0	0	0	0
E	45	0	0	0	0	0	0
F	51	0	*0	0	0	0	0
G	30	0	0	0	0	0	0
G_1	24	0	4	0	0	4	0
Back Bay	264	0	**Tr.	0	0	Tr.	0
H	18	0	0	6	***0	0	6
I	18	0	0	0	0	0	0
J	21	0	0	5	Tr.	14	0
K	45	0	0	0	0	0	0
L	33	0	0	0	0	0	0
M	39	0	0	0	0	0	0
N	57	0	0	0	0	0	0
O	42	0	0	0	0	0	0
P	36	0	0	0	0	0	0
Q	42	0	0	0	0	0	0
R	39	0	0	0	0	0	0
S	30	0	0	0	0	0	0
Currituck	420	0	0	1	****Tr.	1	Tr.

Trace equals less than 0.5 percent.
* Based on 45 samples.
** Based on 258 samples.
*** Based on 12 samples.
**** Based on 414 samples.

Table_____. Comparative Volumes of the Major Species of Aquatic Vegetation on Back Bay, Virginia and Currituck Sound, North Carolina; in Thousands of Liters as Determined by Each August Transect Survey 1958-1963.

Area	Date	Vegetation Species									
		Sago	Celery	Redhead	Chara	Nitella	Najas	Widgeon	Eleocharis	Sagittaria	All Species*
Back Bay:											
August	1958	6697	3436	0	-- (2493)[a] --		18361	0	0	0	30980
	1959	3254	14675	1227	-- (887) --		22620	515	1374	0	44560
	1960	241	19966	1352	1569	324	26980	910	1074	683	53110
	1961	3107	26471	9809	1986	189	37811	535	84	795	80820
	1962	7229	27123	13831	451	210	24035	4039	339	2908	80165
	1963	tr.	12283	253	1155	28	6501	1110	0	920	22250
Currituck Sd.											
August	1958	18215	7181	539	- (18289)[a] -		33510	1596	0	0	79330
	1959	8942	17122	8727	- (24727) -		34373	13359	0	0	106970
	1960	16425	38344	14470	5731	1880	76829	12831	873	625	167290
	1961	23095	38539	27564	6778	803	60179	3929	1010	365	152350
	1962	48352	39181	45388	13694	1096	52082	54932	712	293	241899
	1963	22387	87429	30170	13157	186	88425	30029	291	464	272538
Back Bay and Currituck Sd.											
August	1958	24912	10617	539	- (20782)[a] -		51871	1596	0	0	110310
	1959	12196	31797	9954	- (25614) -		56993	13874	1374	0	151530
	1960	16666	58310	15822	7300	2204	103809	13741	1947	1308	220400
	1961	26202	65010	37373	8764	992	97990	4464	1094	1160	233170
	1962	55581	66304	59219	14145	1306	76117	58971	1051	3201	322064
	1963	22387	99712	30423	14312	214	94926	31139	291	1384	294788

*includes vegetation types occurring in trace amounts

[a]Chara and Nitella combined in 1958 and 1959 surveys

Table . Volume of All Species of Aquatic Vegetation on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	4,250	5,000	2,800	200	6,150	7,940	4,190	1,510	6,710	1,380	330	1,410	1,844
B	6,010	7,920	7,490	3,130	11,680	15,280	6,330	3,720	7,080	7,500	2,590	12,660	5,179
C	9,380	8,570	6,870	900	12,840	8,640	5,360	2,030	13,480	12,380	1,850	15,620	6,809
D	1,630	5,020	920	0	4,380	8,440	6,620	3,810	9,610	10,780	3,660	9,480	4,929
E	1,720	270	840	0	190	0	0	0	740	3,800	2,910	4,550	1,304
F	3,710	1,780	1,670	0	1,340	6,130	1,120	160	5,810	7,470	1,660	14,180	2,525
G	1,050	2,020	630	60	1,220	3,670	550	790	3,090	6,780	870	10,420	4,060
G1	3,230	4,420	2,840	790	6,760	6,170	1,480	1,620	6,590	7,360	1,440	12,500	6,140
Total Back Bay	30,980	35,000	24,060	5,080	44,560	56,270	25,650	13,640	53,110	57,450	15,310	80,820	32,790
H	5,640	9,400	4,880	2,540	5,760	6,510	870	1,200	8,520	9,630	1,800	7,460	2,903
I	11,230	9,650	10,390	8,020	15,010	14,300	5,070	8,170	15,820	13,490	3,760	12,450	6,708
J	9,220	9,240	7,530	1,970	7,330	14,400	3,410	4,920	19,840	14,530	2,910	11,450	6,616
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	9,980	19,520	14,360	1,540	15,270	13,230	5,060	6,330	26,590	43,060	7,960	35,460	15,378
M	1,190	3,720	1,000	800	3,510	3,070	1,900	1,900	8,480	7,600	4,240	3,120	6,934
N	2,530	8,480	6,010	4,470	7,820	19,440	4,770	6,770	10,210	12,330	4,900	14,000	11,296
O	19,540	20,420	15,650	14,850	22,990	24,090	4,030	14,180	39,820	19,440	12,540	37,030	29,354
P	12,010	36,120	14,300	7,580	20,190	47,620	9,400	8,800	28,210	21,840	6,060	13,350	25,399
Q	6,330	1,400	2,620	2,050	2,670	17,390	1,010	870	7,190	4,630	2,080	17,190	12,754
R	1,660	8,190	0	0	6,180	5,170	0	170	2,610	13,560	90	780	430
S	0	1,180	3,440	0	240	0	0	0	0	0	0	60	0
Total Currituck Sound	79,330	127,320	80,180	43,820	106,970	165,220	35,510	53,310	167,290	160,110	46,340	152,350	117,772
Grand Total	110,310	162,320	104,240	48,900	151,530	221,490	61,160	66,950	220,400	217,560	61,650	233,170	150,562

Table . Volume of All Species of Aquatic Vegetation on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	465	980	1,113	663	332	566
B	1,308	13,993	7,579	3,010	3,763	4,127
C	2,027	15,242	9,948	1,384	2,415	602
D	1,271	6,796	9,731	2,047	939	3,959
E	3,576	12,522	1,194	2,485	910	244
F	1,533	10,027	13,705	5,180	3,549	4,662
G	1,604	10,164	3,514	4,562	874	3,674
G_1	2,597	10,441	7,758	1,720	2,102	4,416
Total Back Bay	14,381	80,165	54,542	21,051	14,887	22,250
H	2,401	13,651	5,024	2,016	832	3,096
I	6,321	15,956	10,834	7,744	6,149	13,009
J	7,996	21,404	19,506	6,975	6,258	20,546
K	Tr.	0	Tr.	Tr.	Tr.	111
L	13,930	44,146	35,277	8,445	10,468	58,927
M	11,010	13,724	9,308	4,546	3,550	17,731
N	4,443	9,261	11,338	10,422	8,367	23,913
O	10,767	29,519	16,562	4,481	14,324	26,682
P	18,208	56,496	14,157	11,462	23,427	55,212
Q	12,224	33,303	22,687	16,424	16,793	44,496
R	868	4,439	1,379	1,298	1,005	6,084
S	122	Tr.	Tr.	56	Tr.	2,731
Total Currituck Sound	88,290	241,899	146,072	73,869	91,173	272,538
Grand Total	102,671	322,064	200,614	94,920	106,060	294,788

Tr. equals less than 500 liters.

Table . Volume of All Species of Aquatic Vegetation on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	32	16
B	514	Trace
C	Trace	Trace
D	115	Trace
E	Trace	Trace
F	128	31
G	Trace	904
G_1	1,101	Trace
Total Back Bay	1,890	951
H	308	1,507
I	6,649	5,730
J	11,527	2,346
K	0	0
L	20,934	49,567
M	7,230	5,517
N	12,473	16,858
O	19,663	26,101
P	33,120	34,423
Q	28,328	14,964
R	3,576	4,289
S	1,139	1,227
Total Currituck Sound	144,947	162,529
Grand Total	146,837	163,480

Trace equals less than 500 liters

Table . Volume of Sago Pondweed on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May.59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	0	0	0	0	0	0	0	0
B	208	131	5	16	34	431	101	16	112	205	0	334	11
C	185	102	0	0	0	304	0	0	0	0	0	0	0
D	933	1,286	37	0	1,792	129	0	0	0	244	16	708	50
E	1,681	233	806	0	0	0	0	0	0	23	0	247	0
F	3,678	1,660	1,543	0	1,039	1,565	0	0	48	0	0	20	14
G	12	724	0	0	372	0	0	0	81	1,625	35	1,798	75
G1	0	0	0	0	17	0	0	0	0	0	0	0	0
Total Back Bay	6,697	4,136	2,391	16	3,254	2,429	101	16	241	2,097	51	3,107	150
H	42	160	0	20	24	138	0	0	0	0	0	36	0
I	1,227	170	581	138	1,060	750	27	856	29	329	208	68	198
J	2,311	809	1,988	64	537	472	39	441	42	665	0	33	288
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	414	3,979	1,067	0	1,059	1,234	645	0	2,117	8,804	1,027	6,352	915
M	0	0	0	0	0	0	0	0	0	96	0	0	0
N	227	1,565	1,098	1,114	0	2,629	353	218	918	2,846	435	2,338	937
O	7,079	5,340	7,951	11,955	4,464	5,834	781	829	10,814	3,986	6,598	9,018	7,071
P	5,194	666	2,694	1,343	1,008	1,835	277	0	1,350	1,449	797	2,297	4,222
Q	1,305	147	75	267	0	1,590	0	0	1,128	380	147	2,824	1,647
R	416	163	0	0	777	226	0	0	27	0	0	68	0
S	0	710	798	0	13	0	0	0	0	0	0	61	0
Total Currituck Sound	18,215	13,709	16,252	14,901	8,942	14,708	2,122	2,344	16,425	18,555	9,212	23,095	15,278
Grand Total	24,912	17,845	18,643	14,917	12,196	17,137	2,223	2,360	16,666	20,632	9,263	26,202	15,428

Table . Volume of Sago Pondweed on Each Transect Area on Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	39	Tr.	709	26	1	0
C	0	Tr.	43	32	7	Tr.
D	22	Tr.	1,042	149	33	0
E	19	713	63	270	149	0
F	170	1,023	2,059	122	409	Tr.
G	339	5,359	356	341	170	0
G_1	Tr.	134	25	Tr.	0	Tr.
Total Back Bay	589	7,229	4,297	940	769	Tr.
H	0	171	Tr.	22	5	Tr.
I	767	972	582	115	1,119	69
J	177	3,257	2,566	102	396	347
K	0	0	0	0	0	0
L	1,544	8,398	22,797	549	127	1,902
M	0	0	0	0	0	0
N	192	2,070	4,945	5,863	1,328	3,307
O	6,103	12,471	10,055	1,067	6,251	8,754
P	1,594	8,583	3,218	2,999	5,325	5,402
Q	4,828	11,874	3,737	2,414	1,425	2,606
R	0	556	0	475	0	0
S	0	0	0	0	0	0
Total Currituck Sound	15,205	48,352	47,900	13,606	15,976	22,387
Grand Total	15,794	55,581	52,197	14,546	16,745	22,387

Tr. equals less than 500 liters.

Table . Volume of Sago Pondweed on Each Transect Area on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	0	0
D	0	0
E	0	0
F	0	0
G	0	0
G_1	0	0
Total Back Bay	0	0
H	0	0
I	6	0
J	0	0
K	0	0
L	0	0
M	0	0
N	177	1,067
O	5,153	5,609
P	6,534	4,364
Q	4,230	2,474
R	167	99
S	0	0
Total Currituck Sound	16,267	13,613
Grand Total	16,267	13,613

Table . Volume of Wildcelery on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	628	1,074	51	0	2,572	3,053	0	133	4,807	297	0	1,173	315
B	960	1,054	86	101	4,500	518	0	201	3,253	1,095	0	6,523	902
C	825	901	125	226	2,547	1,278	0	46	4,776	648	0	3,833	875
D	107	277	151	0	992	1,244	0	81	954	1,087	9	3,465	688
E	37	19	2	0	186	0	0	0	233	30	0	1,304	61
F	2	50	0	0	201	656	0	5	3,307	934	0	5,493	484
G	118	416	28	17	210	405	0	127	1,210	182	0	2,075	268
G1	759	539	1	183	3,467	750	0	404	1,426	1,387	18	2,605	282
Total Back Bay	3,436	4,330	444	527	14,675	7,904	0	997	19,966	5,660	27	26,471	3,875
H	834	150	372	173	770	366	0	60	2,561	978	0	1,484	397
I	985	1,279	165	222	2,832	314	0	1,680	3,375	1,564	0	4,383	37
J	505	3,129	202	211	1,028	108	3	1,006	3,794	898	0	3,908	390
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	2,762	7,140	0	239	2,746	255	0	1,106	10,539	3,773	0	12,489	915
M	251	1,120	20	73	998	142	2	380	2,969	656	0	988	1,264
N	716	1,761	139	325	473	353	0	508	1,616	991	0	3,878	2,095
O	373	1,844	1,067	369	2,464	1,028	52	1,731	4,732	1,150	121	5,257	3,028
P	7	6,632	164	237	4,164	400	22	662	7,615	1,092	0	2,865	1,263
Q	748	139	0	102	1,169	162	0	86	1,143	211	0	2,925	1,188
R	0	759	0	0	466	0	0	0	0	538	0	362	86
S	0	234	0	0	12	0	0	0	0	0	0	0	0
Total Currituck Sound	7,181	24,187	2,129	1,951	17,122	3,128	79	7,219	38,344	11,851	121	38,539	10,663
Grand Total	10,617	28,517	2,573	2,478	31,797	11,032	79	8,216	58,310	17,511	148	65,010	14,538

Table . Volume of Wildcelery on Each Transect Area on Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	60	449	21	0	124	496
B	102	9,316	230	Tr.	801	2,683
C	99	5,694	20	Tr.	417	591
D	78	5,076	935	Tr.	432	2,312
E	61	1,099	2	0	272	235
F	23	2,007	1,056	Tr.	136	2,122
G	67	1,713	51	0	248	1,320
G1	296	1,769	100	Tr.	301	2,524
Total Back Bay	786	27,123	2,415	Tr.	2,731	12,283
H	392	2,411	38	Tr.	288	1,747
I	659	2,999	92	0	1,021	4,701
J	1,172	2,689	357	Tr.	1,037	6,034
K	0	0	Tr.	0	0	111
L	1,600	6,249	183	0	2,205	26,387
M	1,226	2,746	841	0	517	6,445
N	278	2,547	489	6	1,647	10,972
O	789	6,602	347	0	2,204	7,973
P	1,234	10,920	699	22	2,359	11,251
Q	508	1,643	395	Tr.	2,399	10,479
R	0	375	Tr.	Tr.	127	931
S	0	0	0	0	Tr.	398
Total Currituck Sound	7,858	39,181	3,441	28	13,804	87,429
Grand Total	8,644	66,304	5,856	28	16,535	99,712

Tr. equals less than 500 liters.

Table . Volume of Wildcelery on Each Transect Area on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	31	0
B	314	0
C	Trace	0
D	87	Trace
E	Trace	Trace
F	38	9
G	Trace	50
G_1	3	0
Total Back Bay	473	59
H	15	150
I	855	403
J	1,166	502
K	0	0
L	812	3,494
M	2,037	2,077
N	2,499	590
O	907	1,696
P	320	1,667
Q	98	654
R	0	560
S	0	98
Total Currituck Sound	8,709	11,891
Grand Total	9,182	11,950

Trace equals less than 500 liters.

Table Volume of Redheadgrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	47	0	0	0	0	0	16	0	0	0	28	96
B	0	0	0	18	0	42	0	42	41	446	92	602	532
C	0	20	46	97	648	1,140	175	581	1,085	1,950	469	1,954	2,114
D	0	0	0	0	0	0	0	0	0	103	9	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	9	23	54	29	0	1,339	29
G	0	0	0	0	262	0	1	23	0	369	70	3,102	112
G1	0	111	15	115	317	549	48	285	172	1,176	114	2,784	1,139
Total Back Bay	0	178	61	230	1,227	1,731	233	970	1,352	4,073	754	9,809	4,022
H	0	0	0	26	294	778	14	297	1,347	1,837	117	1,114	245
I	6	0	0	430	1,909	4,030	914	2,874	2,079	1,680	331	2,482	0
J	278	828	0	219	1,192	1,244	221	1,112	1,852	1,690	36	989	2,139
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	255	772	1,003	788	756	3,001	326	1,847	1,974	5,254	310	3,494	740
M	0	117	20	0	66	43	3	63	20	0	0	106	395
N	0	0	0	104	123	518	92	28	1,871	442	615	363	271
O	0	0	0	0	126	2,065	108	642	3,136	2,581	842	5,322	5,756
P	0	66	0	757	2,755	3,695	633	1,645	666	2,978	339	317	1,856
Q	0	0	0	0	8	1,737	0	0	173	15	60	3,568	1,865
R	0	0	0	0	271	0	0	0	0	4,800	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Currituck Sound	539	1,783	1,023	2,324	7,500	17,111	2,311	8,508	13,118	21,277	2,650	17,755	13,267
Grand Total	539	1,961	1,084	2,554	8,727	18,842	2,544	9,478	14,470	25,350	3,404	27,564	17,289

Table . Volume of Redheadgrass on Each Transect Area on Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	123	182	285	Tr.	Tr.	0
B	219	689	393	425	686	13
C	1,058	8,402	7,804	296	1,552	1
D	34	Tr.	328	0	6	6
E	0	168	0	0	0	0
F	161	1,814	61	0	156	18
G	426	688	17	Tr.	86	115
G_1	626	1,888	2,120	7	1,007	100
Total Back Bay	2,647	13,831	11,008	728	3,493	253
H	1,536	3,747	130	9	240	65
I	2,763	4,327	1,550	4,003	937	487
J	1,267	1,791	1,912	66	1,095	3,188
K	0	0	0	0	0	0
L	2,985	9,862	4,728	119	3,391	12,426
M	3,136	1,756	38	73	714	702
N	114	792	871	388	1,000	1,777
O	1,115	5,431	768	39	2,021	963
P	1,045	3,538	910	255	3,189	5,755
Q	203	286	3,106	1,245	2,324	4,685
R	0	27	226	Tr.	34	122
S	0	0	0	0	0	0
Total Currituck Sound	14,164	31,557	14,239	6,197	14,945	30,170
Grand Total	16,811	45,388	25,247	6,925	18,438	30,423

Tr. equals less than 500 liters.

Table . Volume of Redheadgrass on Each Transect Area on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	0	0
D	0	0
E	0	0
F	0	0
G	Trace	0
G_1	Trace	0
Total Back Bay	Trace	0
H	4	0
I	498	243
J	1,103	142
K	0	0
L	5,652	2,428
M	73	96
N	634	1,048
O	2,364	798
P	7,888	9,337
Q	5,200	3,166
R	95	416
S	0	490
Total Currituck Sound	23,511	18,164
Grand Total	23,511	18,164

Trace equals less than 500 liters

Table . Volume of Muskgrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	97	47	0	7	22	17	0	116	115	0	40	0
B	550	542	730	0	220	1,321	375	0	598	607	0	262	237
C	146	511	42	3	320	96	0	0	61	26	0	14	0
D	593	17	82	0	28	0	0	0	0	0	0	0	0
E	0	19	37	0	0	0	0	0	49	70	0	37	37
F	29	29	129	0	68	1,278	224	0	500	776	0	394	459
G	921	877	524	1	172	1,495	143	29	335	891	56	1,278	1,583
G1	254	659	402	43	72	0	0	0	234	52	0	187	75
Total Back Bay	2,493	2,751	1,993	47	887	4,212	759	29	1,893	2,537	56	2,212	2,391
H	794	1,954	1,314	0	492	1,766	18	0	1,533	437	0	738	1,345
I	688	5,277	3,597	0	45	472	445	0	108	13	4	1,125	884
J	3,171	2,026	2,455	0	2,179	3,145	150	0	964	183	13	981	191
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	2,221	4,474	4,219	0	9,576	3,693	135	127	1,290	1,894	56	907	6,981
M	0	0	529	0	66	284	0	41	142	324	0	15	1,810
N	1,530	3,115	3,522	0	1,874	6,557	445	82	606	543	107	1,357	401
O	4,416	7,860	1,223	0	4,945	1,796	22	4	2,004	2,056	61	1,249	438
P	3,647	4,364	1,998	0	5,413	21,785	1,642	55	921	2,836	157	237	550
Q	579	955	2,166	0	124	5,189	19	68	0	139	0	1,955	211
R	1,243	0	0	0	0	36	0	0	45	854	0	0	0
S	0	232	0	0	13	0	0	0	0	0	0	0	0
Total Currituck Sound	18,289	30,257	21,023	0	24,727	44,723	2,876	377	7,613	9,279	398	8,564	12,816
Grand Total	20,782	33,008	23,016	47	25,614	48,935	3,635	406	9,506	11,816	454	10,776	15,202

Table . Volume of Chara on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina in Thousands of Liters as Determined by Each Transect Survey from February 1960 to November 1961.

Transect	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	85	0	0	30	0
B	0	0	383	141	0	221	106
C	0	0	61	0	0	14	0
D	0	0	0	0	0	0	0
E	0	0	49	0	0	0	37
F	0	0	443	262	0	376	174
G	0	0	335	285	56	1,158	592
G1	0	0	213	0	0	187	75
Total Back Bay	0	0	1,569	688	56	1,986	984
H	0	0	942	40	0	483	694
I	0	0	108	0	4	1,073	73
J	11	0	754	161	13	835	22
K	0	0	0	0	0	0	0
L	119	0	1,250	1,218	56	1,146	6,161
M	0	0	142	134	0	15	291
N	54	0	600	489	101	136	199
O	0	0	1,935	1,887	0	898	438
P	55	0	0	33	157	237	328
Q	0	0	0	139	0	1,955	211
R	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0
Total Currituck Sound	239	0	5,731	4,101	331	6,778	8,417
Grand Total	239	0	7,300	4,789	387	8,764	9,401

Table . Volume of *Chara* sp. on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	Tr.	33	0	0	2
B	0	21	1,077	Tr.	0	76
C	0	0	0	0	0	9
D	0	40	Tr.	0	0	Tr.
E	0	23	128	0	Tr.	Tr.
F	0	235	258	0	2	192
G	Tr.	132	178	0	0	409
G_1	Tr.	0	Tr.	0	0	467
Total Back Bay	Tr.	451	1,674	Tr.	2	1,155
H	0	1,155	243	Tr.	0	163
I	0	242	607	8	0	414
J	0	1,880	1,638	39	0	0
K	Tr.	0	0	0	0	0
L	0	3,112	3,916	Tr.	0	740
M	0	963	522	Tr.	0	704
N	Tr.	839	1,789	6	69	1,884
O	74	950	1,228	512	100	3,093
P	1,158	106	1,238	Tr.	233	3,673
Q	0	2,151	41	Tr.	38	985
R	226	2,296	0	0	34	1,501
S	0	0	0	0	0	0
Total Currituck Sound	1,458	13,694	11,222	565	474	13,157
Grand Total	1,458	14,145	12,896	565	476	14,312

Tr. equals less than 500 liters.

Table . Volume of *Chara* sp. on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	Trace	0
C	0	0
D	0	Trace
E	0	0
F	0	13
G	Trace	416
G_1	27	0
Total Back Bay	27	429
H	0	0
I	98	215
J	180	282
K	0	0
L	326	0
M	228	0
N	1,950	410
O	1,917	126
P	648	393
Q	207	425
R	416	0
S	0	0
Total Currituck Sound	5,970	1,851
Grand Total	5,997	2,280

Trace equals less than 500 liters

Table . Volume of *Nitella* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina in Thousands of Liters as Determined by Each Transect Survey from February 1960 to November 1961.

Transect	Feb. 60	May 60	Aug. 60	Nov. 60	Feb. 61	Aug. 61	Nov. 61
A	17	0	31	115	0	10	0
B	375	0	215	466	0	41	131
C	0	0	0	26	0	0	0
D	0	0	0	0	0	0	0
E	0	0	0	70	0	0	0
F	224	0	57	514	0	18	285
G	143	29	0	605	0	120	991
G1	0	0	21	52	0	0	0
Total Back Bay	759	29	324	1,848	0	189	1,407
H	18	0	591	397	0	255	651
I	445	0	0	13	0	52	811
J	139	0	208	22	0	145	169
K	0	0	0	0	0	0	0
L	16	127	40	3,065	0	0	820
M	41	0	0	190	0	0	1,519
N	391	82	6	54	6	0	202
O	22	4	69	169	61	351	0
P	1,587	55	921	2,803	0	0	222
Q	19	0	0	0	0	0	0
R	0	0	45	854	0	0	0
S	0	0	0	0	0	0	0
Total Currituck Sound	2,678	268	1,880	7,567	67	803	4,394
Grand Total	3,437	297	2,204	9,415	67	992	5,801

Table . Volume of *Nitella* sp. on Each Transect Area on Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	4
B	0	0	0	0	0	24
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	25	0	0	0	0
G	0	113	0	0	0	Tr.
G1	0	72	0	0	0	0
Total Back Bay	0	210	0	0	0	28
H	0	0	0	0	0	Tr.
I	0	0	Tr.	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	868	127	0	0	0
M	0	228	930	0	0	0
N	0	0	51	0	0	0
O	0	0	17	0	0	0
P	0	0	1,041	0	0	186
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	1,096	2,166	0	0	186
Grand Total	0	1,306	2,166	0	0	214

Tr. equals less than 500 liters.

Table . Volume of *Nitella* sp. on Each Transect Area on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	16
B	0	Trace
C	0	0
D	0	0
E	0	0
F	0	9
G	Trace	283
G_1	0	0
Total Back Bay	Trace	308
H	0	993
I	6	172
J	66	141
K	0	0
L	0	0
M	43	0
N	44	32
O	26	143
P	229	4
Q	30	0
R	0	14
S	0	12
Total Currituck Sound	444	1,511
Grand Total	444	1,819

Trace equals less than 500 liters

Table . Volume of *Najas guadalupensis* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug. 58	Oct. 58	Nov. 58	May 59	Aug. 59	Nov. 59	Feb. 60	May 60	Aug. 60	Nov. 60	Feb. 61	Aug. 61	Nov. 61
A	3,622	3,784	2,705	199	3,566	4,815	4,095	1,362	1,763	964	328	170	1,433
B	4,294	6,137	6,667	2,912	6,533	12,247	4,497	3,154	2,602	4,227	1,517	4,530	3,090
C	8,223	7,015	6,648	571	8,561	4,710	4,800	1,382	6,973	9,222	1,333	9,622	3,040
D	0	3,436	650	0	1,540	7,064	6,620	3,727	8,654	9,343	3,624	5,309	4,191
E	0	0	0	0	0	0	0	0	461	3,680	2,906	2,958	1,206
F	0	48	0	0	16	1,554	670	133	1,832	5,454	1,375	6,938	1,421
G	0	0	0	29	131	320	186	496	1,085	1,382	595	2,036	1,898
G1	2,222	3,016	2,359	448	2,273	4,318	1,194	693	3,610	3,501	890	6,248	3,480
Total Back Bay	18,361	23,436	19,092	4,159	22,620	35,028	22,062	10,947	26,980	37,773	12,568	37,811	19,759
H	3,965	7,139	3,191	2,290	4,142	2,888	784	801	2,878	6,277	1,659	4,127	868
I	8,297	2,924	6,047	6,530	7,511	5,951	2,973	1,406	8,427	6,832	2,733	3,930	5,110
J	2,869	2,447	2,891	549	1,430	6,496	1,514	995	9,642	7,816	1,619	3,878	2,783
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	4,203	3,144	8,048	287	732	4,617	1,664	955	9,974	20,855	4,513	11,470	3,638
M	940	2,480	436	714	2,381	2,599	1,849	1,505	5,254	6,440	4,188	1,905	3,445
N	60	2,035	1,250	2,913	4,310	6,617	3,042	4,380	4,487	5,721	3,143	7,239	6,920
O	7,630	5,370	5,414	2,516	5,366	10,107	1,995	5,270	14,597	8,741	3,054	15,690	11,309
P	3,079	24,392	9,446	5,242	6,031	16,187	5,718	5,071	16,336	12,321	3,032	7,549	15,805
Q	2,467	143	376	1,026	233	5,008	504	109	3,155	2,139	1,350	4,192	6,749
R	0	7,268	0	0	2,237	967	0	86	2,079	5,288	41	199	0
S	0	0	2,643	0	0	0	0	0	0	0	0	0	0
Total Currituck Sound	33,510	57,342	39,742	22,067	34,373	61,437	20,043	20,578	76,829	82,430	25,332	60,179	56,627
Grand Total	51,871	80,778	58,771	26,226	56,993	96,465	42,105	31,525	103,809	120,203	37,900	97,990	76,386

Table . Volume of *Najas guadalupensis* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	258	Tr.	123	194	44	61
B	807	3,327	2,559	1,184	1,081	1,322
C	853	1,146	2,081	790	277	Tr.
D	1,137	1,618	7,426	1,870	463	1,641
E	3,489	10,489	715	2,215	489	9
F	1,009	3,468	8,572	4,809	2,719	1,878
G	119	733	402	2,630	58	1,185
G_1	784	3,254	3,415	1,382	632	405
Total Back Bay	8,456	24,035	25,293	15,074	5,768	6,501
H	234	5,609	3,813	1,791	184	1,063
I	1,596	4,742	6,674	1,704	1,843	6,756
J	2,473	2,189	10,813	2,361	2,092	10,571
K	Tr.	0	Tr.	Tr.	Tr.	Tr.
L	661	8	2,038	2,937	4,060	16,238
M	6,511	7,428	6,754	4,167	2,288	9,424
N	3,099	1,445	2,196	2,714	2,950	5,541
O	1,562	2,013	2,759	1,622	3,028	4,997
P	8,725	20,995	4,310	5,165	7,891	16,624
Q	752	6,821	10,723	7,276	5,858	14,950
R	Tr.	832	886	163	512	1,180
S	Tr.	Tr.	Tr.	56	Tr.	1,081
Total Currituck Sound	25,613	52,082	50,966	29,956	30,706	88,425
Grand Total	34,069	76,117	76,259	45,030	36,474	94,926

Tr. equals less than 500 liters.

Table . Volume of *Najas guadalupensis* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	1	0
B	200	0
C	Trace	0
D	28	0
E	Trace	0
F	90	Trace
G	Trace	140
G_1	45	Trace
Total Back Bay	364	140
H	289	364
I	4,838	4,273
J	7,966	1,104
K	0	0
L	12,441	43,159
M	4,454	3,253
N	6,093	12,657
O	7,188	16,948
P	7,968	16,569
Q	10,257	4,632
R	1,406	1,098
S	710	93
Total Currituck Sound	63,610	104,150
Grand Total	63,974	104,290

Trace equals less than 500 liters

Table . Volume of Widgeongrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	10	72	0	16	2	0	0	0
B	0	52	0	84	394	718	1,353	285	448	783	926	410	247
C	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	28	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	18	1,079	217	0	70	281	285	0	118
G	0	0	76	10	75	1,449	224	110	376	2,337	118	125	119
G1	0	0	0	0	0	9	0	0	0	0	5	0	0
Total Back Bay	0	52	76	94	515	3,265	1,866	395	910	3,403	1,334	535	484
H	0	0	0	35	36	238	54	42	148	71	24	0	48
I	30	0	0	599	1,649	2,304	677	1,118	821	948	479	304	92
J	83	0	0	812	968	2,951	1,480	1,363	3,093	2,586	1,089	544	308
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	127	0	0	223	382	438	2,300	2,300	724	1,743	2,030	509	2,189
M	0	0	0	0	0	0	5	0	79	13	0	0	0
N	0	0	0	13	527	2,761	839	1,549	701	1,742	590	50	341
O	39	0	0	0	5,622	3,258	1,063	5,695	4,529	911	1,861	490	1,752
P	84	0	0	0	819	3,720	1,110	1,365	692	1,001	1,733	87	1,678
Q	1,233	19	0	1,026	756	3,711	485	613	1,583	1,737	519	1,730	1,094
R	0	0	0	0	2,400	3,932	0	86	461	2,088	41	154	344
S	0	0	0	0	200	0	0	0	0	0	0	61	0
Total Currituck Sound	1,596	19	0	2,708	13,359	23,313	8,013	14,131	12,831	12,840	8,366	3,929	7,846
Grand Total	1,596	70	76	2,802	13,874	26,578	9,879	14,526	13,741	16,243	9,700	4,464	8,330

Table . Volume of Widgeongrass on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	10	72	0	16	2	0	0	0
B	0	52	0	84	394	718	1,353	285	448	783	926	410	247
C	0	0	0	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	28	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	18	1,079	217	0	70	281	285	0	118
G	0	0	76	10	75	1,449	224	110	376	2,337	118	125	119
G1	0	0	0	0	0	9	0	0	0	0	5	0	0
Total Back Bay	0	52	76	94	515	3,265	1,866	395	910	3,403	1,334	535	484
H	0	0	0	35	36	238	54	42	148	71	24	0	48
I	30	0	0	599	1,649	2,304	677	1,118	821	948	479	304	92
J	83	0	0	812	968	2,951	1,480	1,363	3,093	2,586	1,089	544	308
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	127	0	0	223	382	438	2,300	2,300	724	1,743	2,030	509	2,189
M	0	0	0	0	0	0	5	0	79	13	0	0	0
N	0	0	0	13	527	2,761	839	1,549	701	1,742	590	50	341
O	39	0	0	0	5,622	3,258	1,063	5,695	4,529	911	1,861	490	1,752
P	84	0	0	0	819	3,720	1,110	1,365	692	1,001	1,733	87	1,678
Q	1,233	19	0	1,026	756	3,711	485	613	1,583	1,737	519	1,730	1,094
R	0	0	0	0	2,400	3,932	0	86	461	2,088	41	154	344
S	0	0	0	0	200	0	0	0	0	0	0	61	0
Total Currituck Sound	1,596	19	0	2,708	13,359	23,313	8,013	14,131	12,831	12,840	8,366	3,929	7,846
Grand Total	1,596	70	76	2,802	13,874	26,578	9,879	14,526	13,741	16,243	9,700	4,464	8,330

Table . Volume of Widgeongrass on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	5	349	651	460	164	3
B	106	640	2,611	1,375	1,194	9
C	0	0	Tr.	Tr.	0	1
D	0	62	Tr.	28	Tr.	Tr.
E	5	30	286	0	Tr.	0
F	170	1,455	1,699	249	127	452
G	653	1,426	2,510	1,591	312	645
G_1	0	77	185	0	0	0
Total Back Bay	939	4,039	7,942	3,703	1,797	1,110
H	179	558	800	194	115	58
I	399	2,459	1,300	1,914	1,185	465
J	1,313	9,229	1,982	4,368	1,544	59
K	0	0	0	0	0	0
L	7,140	15,649	1,353	4,840	661	1,234
M	137	182	38	28	23	241
N	760	1,568	997	1,445	1,373	432
O	1,089	2,052	1,388	1,241	720	902
P	4,452	12,354	2,741	3,010	4,415	12,245
Q	5,933	10,528	4,629	5,459	4,749	10,791
R	642	353	267	660	298	2,350
S	122	0	0	Tr.	0	1,252
Total Currituck Sound	22,166	54,932	15,495	23,159	15,083	30,029
Grand Total	23,105	58,971	23,437	26,862	16,880	31,139

Tr. equals less than 500 liters.

Table . Volume of Widgeongrass on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	Trace
C	0	0
D	Trace	0
E	Trace	0
F	Trace	0
G	Trace	15
G_1	0	0
Total Back Bay	Trace	15
H	Trace	0
I	138	166
J	873	166
K	0	0
L	1,703	486
M	0	0
N	1,076	830
O	2,108	781
P	9,533	2,089
Q	8,148	3,613
R	1,492	2,102
S	429	534
Total Currituck Sound	25,500	10,767
Grand Total	25,500	10,782

Trace equals less than 500 liters

Table . Volume of *Eleocharis parvula* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A						40	1		5		4		
B								18	25	133	58		
C		20		1	761	829	385	19	582	527	52	20	
D													
E													
F													
G													5
G1		75			613	466	190	235	462	741	5	64	270
Total Back Bay	0	95	0	1	1,374	1,335	576	272	1,074	1,401	119	84	275
H	0	0	0	0	0	336			51	24			
I						475	91	238	502	1,328	6	139	43
J									305	249	66	871	
K													
L													
M									15	76	48		
N										6			331
O													
P										157			25
Q													
R													
S													
Total Currituck Sound	0	0	0	0	0	811	91	238	873	1,840	120	1,010	399
Grand Total	0	95	0	1	1,374	2,146	667	510	1,947	3,241	239	1,094	674

Table . Volume of Eleocharis parvula on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	8	Tr.	Tr.	0	0	0
B	35	Tr.	Tr.	0	0	0
C	Tr.	Tr.	Tr.	266	8	0
D	0	Tr.	0	0	0	0
E	2	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	283	339	950	168	19	0
Total Back Bay	328	339	950	434	27	0
H	0	0	0	0	0	Tr.
I	Tr.	128	0	0	0	0
J	205	252	89	39	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	332	185	210	8	215
N	0	0	0	0	0	0
O	35	0	0	Tr.	0	0
P	Tr.	0	Tr.	11	15	76
Q	0	0	56	30	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	240	712	330	290	23	291
Grand Total	568	1,051	1,280	724	50	291

Tr. equals less than 500 liters.

Table . Volume of *Eleocharis parvula* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	Trace	Trace
D	0	0
E	Trace	0
F	0	0
G	0	0
G_1	109	Trace
Total Back Bay	109	Trace
H	0	0
I	20	258
J	74	9
K	0	0
L	0	0
M	395	91
N	0	0
O	0	0
P	0	0
Q	158	0
R	0	0
S	0	0
Total Currituck Sound	647	358
Grand Total	756	358

Trace equals less than 500 liters.

Table . Volume of *Sagittaria subulata* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	160
C	0	0	6	0	0	278	0	0	0	0	0	177	780
D	0	0	0	0	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0	0	0	0	0	0
G1	0	30	56	0	0	83	48	0	683	375	413	618	894
Total Back Bay	0	30	62	0	0	361	48	0	683	375	413	795	1,834
H	0	0	0	0	0	0	0	0	0	6	0	0	0
I	0	0	0	0	0	0	0	0	480	793	0	18	344
J	0	0	0	0	0	0	0	0	145	413	78	246	517
K	0	0	0	0	0	0	0	0	0	0	0	0	0
L	0	0	0	0	0	0	0	0	0	0	0	0	0
M	0	0	0	0	0	0	0	0	0	0	0	101	20
N	0	0	0	0	0	0	0	0	0	0	0	0	0
O	0	0	0	0	0	0	0	0	0	0	0	0	0
P	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	0	0	0	0	0	0	0	0	0	0	0	0	0
R	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Currituck Sound	0	0	0	0	0	0	0	0	625	1,212	78	365	881
Grand Total	0	30	62	0	0	361	48	0	1,308	1,587	490	1,160	2,715

Table . Volume of *Sagittaria subulata* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	11	0	Tr.	9	0	0
B	0	Tr.	0	0	Tr.	0
C	17	Tr.	0	0	154	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	Tr.	0	0	0
G_1	608	2,908	963	163	143	920
Total Back Bay	636	2,908	963	172	297	920
H	60	0	Tr.	0	0	Tr.
I	137	87	29	0	44	117
J	1,389	117	75	Tr.	67	347
K	0	0	0	0	0	0
L	0	0	135	0	24	0
M	0	89	0	68	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	1,586	293	239	68	135	464
Grand Total	2,222	3,201	1,202	240	432	1,384

Tr. equals less than 500 liters.

Table . Volume of *Sagittaria subulata* on Each Transect Area of Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	1963 November	1964 November
A	0	0
B	0	0
C	Trace	0
D	0	0
E	0	0
F	0	0
G	0	0
G_1	917	Trace
Total Back Bay	917	Trace
H	0	0
I	190	0
J	99	0
K	0	0
L	0	0
M	0	0
N	0	0
O	0	0
P	0	0
Q	0	0
R	0	0
S	0	0
Total Currituck Sound	289	0
Grand Total	1,206	Trace

Trace equals less than 500 liters

able . Volume of Potamogeton berchtoldii on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

ransect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
1													
otal Back Bay	0	0	0	0	0	0	0	0	0	0	0	0	0
									9	28			
									633				
otal Currituck Sound	0	0	0	0	0	0	0	0	642	28	0	0	0
rand Total	0	0	0	0	0	0	0	0	642	28	0	0	0

Table . Volume of *Potamogeton berchtoldii* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	Tr.	Tr.	0	0	Tr.	0
C	0	Tr.	0	0	0	0
D	0	0	Tr.	0	0	0
E	0	0	0	0	Tr.	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	0	0	0	0	0
Total Back Bay	Tr.	Tr.	Tr.	0	Tr.	0
H	0	0	0	0	0	0
I	0	0	0	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	Tr.	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	Tr.	0	0	0	0
Grand Total	Tr.	Tr.	Tr.	0	Tr.	0

Tr. equals less than 500 liters.

Table . Volume of *Anacharis canadensis* on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, in Thousands of Liters as Determined by Each Transect Survey from August 1958 to November 1961.

Transect	Aug.58	Oct.58	Nov.58	May 59	Aug.59	Nov.59	Feb.60	May 60	Aug.60	Nov.60	Feb.61	Aug.61	Nov.61
A													
B													
C													
D													
E													
F													
G													
G1			1										
Total Back Bay	0	0	1	0	0	0	0	0	0	0	0	0	0
H													
I													
J													
K													
L													
M													
N													
O													
P													
Q													
R													
S													
Total Currituck Sound	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	1	0	0	0	0	0	0	0	0	0	0

Table . Volume of *Anacharis canadensis* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	0	0	0	0	0	0
B	0	0	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	Tr.	0	0	Tr.	0
Total Back Bay	0	Tr.	0	0	Tr.	0
H	0	0	Tr.	0	0	Tr.
I	0	0	0	0	0	0
J	0	0	74	Tr.	27	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	0	74	Tr.	27	Tr.
Grand Total	0	Tr.	74	Tr.	27	Tr.

Tr. equals less than 500 liters.

Table . Volume of *Ceratophyllum demersum* on Each Transect Area of Back Bay, Virginia and Currituck Sound, North Carolina in Thousands of Liters; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	1962			1963		
	May	August	November	February	May	August
A	0	0	0	0	0	0
B	Tr.	Tr.	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0
G	0	0	0	0	0	0
G_1	0	0	0	0	0	0
Total Back Bay	Tr.	Tr.	0	0	0	0
H	0	0	0	0	0	0
I	0	0	0	0	0	0
J	0	0	0	0	0	0
K	0	0	0	0	0	0
L	0	0	0	0	0	0
M	0	0	0	0	0	0
N	0	0	0	0	0	0
O	0	0	0	0	0	0
P	0	0	0	0	0	0
Q	0	0	0	0	0	0
R	0	0	0	0	0	0
S	0	0	0	0	0	0
Total Currituck Sound	0	0	0	0	0	0
Grand Total	Tr.	Tr.	0	0	0	0

Tr. equals less than 500 liters.

Table . Average Volume of Aquatic Vegetation (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No. Sq. Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	87.73	103.27	57.83	4.11	126.86	163.88	114.86	86.40	31.20	138.54	28.46	6.86	29.14	38.07
B	60	61.77	81.33	76.93	32.16	120.00	156.96	100.80	65.00	38.17	72.72	77.04	26.64	130.08	53.13
C	36	129.47	118.31	94.81	12.40	177.20	119.20	41.40	74.00	28.00	186.04	170.80	25.60	215.62	94.00
D	90	10.50	32.24	5.92	0.00	28.16	54.24	43.84	42.56	24.48	61.76	69.28	23.52	60.96	31.68
E	90	7.38	1.14	3.62	0	0.80	0	0.16	0	0	3.19	16.32	12.48	19.52	5.44
F	102	16.40	7.89	7.39	0	5.93	27.11	6.64	4.94	0.71	25.69	33.04	7.34	62.68	11.16
G	60	8.66	16.63	5.18	.48	10.08	30.24	5.52	4.56	6.48	25.44	55.92	7.20	85.92	33.46
G_1	48	56.42	77.08	49.46	13.80	117.89	107.70	22.29	25.80	28.20	114.90	128.40	25.20	218.10	107.10
Back Bay	528	35.16	41.65	27.95	6.14	53.76	65.23	34.99	30.37	29.78	61.34	61.66	15.98	87.22	37.53
H	36	78.28	130.64	67.75	35.33	79.97	90.42	X	12.08	16.67	118.33	133.75	25.00	103.67	40.32
I	36	104.45	89.75	96.61	74.53	139.53	132.92	X	47.08	75.97	147.08	125.42	35.00	5.75	67.95
J	42	58.92	59.05	48.16	12.57	46.88	92.14	X	21.78	31.43	126.79	92.85	18.57	73.21	42.28
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	12.54	24.52	18.04	1.94	19.18	16.62	X	6.36	7.95	33.41	54.09	10.00	44.55	19.32
M	78	4.70	14.68	3.96	3.16	13.85	12.10	X	7.50	7.50	33.46	30.00	16.73	12.30	28.08
N	114	8.03	26.86	19.04	14.16	24.77	61.61	X	15.12	21.45	32.37	39.06	15.52	44.38	34.82
O	84	45.04	47.08	36.08	34.24	52.99	55.54	X	9.28	32.68	91.79	44.82	28.92	85.36	67.68
P	72	33.00	99.23	39.28	20.83	55.48	130.83	X	25.83	24.17	77.50	60.00	16.66	36.68	69.79
Q	84	16.84	3.73	6.96	5.44	7.10	46.26	X	2.68	2.32	19.11	12.32	5.53	45.73	33.93
R	78	3.67	18.12	0	0	13.67	11.43	X	0	0.32	5.77	30.00	0.19	1.73	0.95
S	60	0	4.82	14.10	0	.97	0	X	0	0	0	0	0	.25	0.00
Currituck Sound	840	22.40	34.76	24.70	16.73	29.66	46.19	X	9.77	15.44	46.11	41.73	12.83	37.55	31.75

Table . Average Volume of All Species of Aquatic Vegetation/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	9.60	20.22	22.97	13.71	6.85	11.67
B	60	13.44	143.77	77.87	30.93	38.67	42.40
C	36	28.00	210.40	137.33	19.11	33.33	8.33
D	90	8.16	43.69	62.56	13.16	6.04	25.45
E	90	15.36	53.77	5.12	10.67	3.91	1.05
F	102	6.78	*44.32	60.58	22.90	15.69	20.61
G	60	13.20	83.77	28.96	37.60	7.20	30.29
G_1	48	45.30	182.11	135.33	30.00	36.67	77.04
Currituck	528	15.14	**84.45	58.87	21.40	16.09	25.27
H	36	33.33	189.59	69.78	***28.00	11.56	43.01
I	36	58.75	148.35	100.72	72.00	57.17	120.95
J	42	51.07	136.82	124.68	44.58	40.00	131.34
K	90	Tr.	.00	Tr.	Tr.	Tr.	.16
L	66	17.50	55.46	44.32	10.61	13.15	74.03
M	78	43.46	54.17	36.74	17.95	14.00	69.99
N	114	14.08	29.35	35.93	33.03	26.53	75.78
O	84	24.82	68.05	38.18	10.33	33.00	61.51
P	72	50.00	155.21	38.89	31.49	64.36	151.68
Q	84	32.50	88.57	60.33	43.68	44.67	118.34
R	78	1.92	9.82	3.05	2.87	4.13	13.46
S	60	.50	Tr.	Tr.	.23	Tr.	11.19
Currituck	840	24.05	64.56	38.78	****21.80	24.54	69.25

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of All Species of Aquatic Vegetation (cc/sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.68	0.34
B	60	5.28	Trace
C	36	Trace	Trace
D	90	0.74 1/	Trace
E	90	Trace	Trace
F	102	0.57	0.14
G	60	Trace	7.44
G_1	48	19.20	Trace
Back Bay	528	2.68 2/	0.89
H	36	4.28	20.93
I	36	61.83	53.28
J	42	73.67	15.00
K	90	0.00	0.00
L	66	26.30	62.27
M	78	28.54	21.78
N	114	39.53	53.42
O	84	45.33	60.17
P	72	90.99	94.57
Q	84	75.34	39.80
R	78	7.91	9.49
S	60	4.67	5.03
Currituck Sound	840	37.55	37.56

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Sago pondweed (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No. Sq. Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	60	2.14	1.35	0.05	0.16	0.35	4.43	1.51	1.04	0.16	1.15	2.11	0	3.43	0.11
C	36	2.56	1.41	0	0	0	4.20	0	0	0	0	0	0	0	0
D	90	6.00	8.27	0.24	0	11.52	0.83	0.64	0	0	0	1.57	0.10	4.55	0.32
E	90	7.22	1.00	3.46	0	0	0	0	0	0	0	0.10	0	1.06	0
F	102	16.26	7.34	6.82	0	4.59	6.92	0	0	0	0.21	0	0	0.09	0.06
G	60	0.10	5.97	0	0	3.07	0	0.06	0	0	0.67	13.39	0.29	14.82	0.62
G1	48	13.24	0	0	0	0.30	0	0	0	0	0	0	0	0	0
Back Bay	528	7.03	3.92	1.95	0.02	3.27	2.22	0.29	0.12	0.03	0.25	2.05	.05	3.05	0.15
H	36	0.59	2.22	0	0.28	0.33	1.92	X	0	0	0	0	0	0.50	0
I	36	11.41	1.58	5.41	1.28	9.86	6.97	X	0.25	7.96	0.27	3.06	1.93	.63	1.84
J	42	14.77	5.17	12.71	0.41	3.43	3.02	X	0.25	2.82	0.27	4.25	0	0.21	1.84
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	0.52	5.00	1.34	0	1.33	1.55	X	0.81	0	2.66	11.06	1.29	7.98	1.15
M	78	0	0	0	0	0	0	X	0	0	0	0.38	0	0	0
N	114	0.72	4.96	3.48	3.53	0	8.33	X	1.12	0.69	2.91	9.02	1.38	7.41	2.97
O	84	16.32	12.33	18.33	27.56	10.29	13.45	X	1.80	1.91	4.93	9.19	15.21	20.79	16.30
P	72	14.27	1.83	7.40	3.69	2.77	5.04	X	0.76	0	3.71	3.98	2.19	6.31	11.60
Q	84	3.47	0.39	0.20	0.71	0	4.23	X	0	0	3.00	1.01	0.39	7.51	4.38
R	78	0.92	0.36	0	0	1.72	0.50	X	0	0	0.06	0	0	.15	0
S	60	0	2.91	3.27	0	0.05	0	X	0	0	0	0	0	.25	0
Currituck Sound	840	4.49	3.14	4.63	3.10	2.32	3.92	X	0.48	0.77	3.75	3.86	2.12	5.08	3.73

Table . Average Volume of Sago Pondweed (cc/sq.ft.) on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Samples (sq.ft.)	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	0	0	*0	0	0	0
B	60	.40	Tr.	7.28	.27	.01	0
C	36	0	Tr.	.60	.44	.09	Tr.
D	90	.14	Tr.	6.70	.96	.21	0
E	90	.08	3.06	.27	1.16	.64	0
F	102	.75	*4.52	9.10	.54	1.81	Tr.
G	60	2.79	44.17	2.93	2.81	1.40	0
G_1	48	Tr.	2.33	.43	Tr.	0	Tr.
Back Bay	528	.54	**6.67	4.19	.85	.66	Tr.
H	36	0	2.38	Tr.	***.30	.07	Tr.
I	36	7.13	9.04	5.41	1.07	10.40	.64
J	42	1.13	20.82	16.40	.65	2.53	2.22
K	90	0	0	0	0	0	0
L	66	1.94	10.55	28.64	.69	.16	2.39
M	78	0	0	0	0	0	0
N	114	.61	6.56	15.67	18.58	4.21	10.48
O	84	14.07	28.75	23.18	2.46	14.41	20.18
P	72	4.38	23.58	8.84	8.24	14.63	14.84
Q	84	12.84	31.58	9.94	6.42	3.79	6.93
R	78	0	1.23	0	1.05	0	0
S	60	0	0	0	0	0	0
Currituck	840	3.66	11.42	9.50	****4.42	4.23	5.73

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Voume of Sago Pondweed (cc/sq. ft.) on Each Transect on Back Bay, Vriginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	0.00	0.00
C	36	0.00	0.00
D	90	0.00 1/	0.00
E	90	0.00	0.00
F	102	0.00	0.00
G	60	0.00	0.00
G_1	48	0.00	0.00
Back Bay	528	0.00 2/	0.00
H	36	0.00	0.00
I	36	0.06	0.00
J	42	0.00	0.00
K	90	0.00	0.00
L	66	0.00	0.00
M	78	0.00	0.00
N	114	0.56	3.38
O	84	11.88	12.93
P	72	17.95	11.99
Q	84	11.25	6.58
R	78	0.37	0.22
S	60	0.00	0.00
Currituck Sound	840	3.96	3.46

1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Wildcelery (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No.Sq.Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	12.97	22.17	1.05	0	53.09	63.02	0.05	0	2.75	99.23	6.14	0	24.22	6.50
B	60	9.86	10.83	0.88	1.04	46.23	5.32	0.14	0	2.07	33.42	11.25	0	67.02	9.29
C	36	11.39	12.44	1.72	3.12	35.16	17.64	0.36	0	0.64	65.93	8.94	0	52.91	12.08
D	90	0.69	1.78	0.97	0	6.38	8.00	0	0	0.52	6.13	6.99	0.06	22.28	4.42
E	90	0.16	0.08	0.01	0	0.80	0	0	0	0	1.98	15.80	12.48	12.70	0.26
F	102	0.01	0.22	0	0	0.89	2.90	0	0	0.02	14.62	4.13	0	24.28	2.14
G	60	0.97	3.43	0.23	0.14	1.73	3.34	0	0	1.05	9.97	1.50	0	17.10	2.21
G1	48	0	9.40	0.02	3.20	60.47	13.08	0	0	7.04	24.88	24.20	0.31	45.43	4.92
Back Bay	528	3.19	5.45	0.50	0.64	18.96	10.08	0.05	0.00	2.67	23.62	6.76	0.04	28.68	4.31
H	36	11.59	2.08	5.17	2.40	0.70	5.08	X	0	0.83	35.58	13.58	0	20.61	5.52
I	36	9.16	11.89	1.53	2.06	26.33	2.92	X	0	15.62	31.38	14.54	0	40.75	0.34
J	42	3.23	20.00	1.29	1.35	6.57	0.69	X	0.02	6.43	24.25	5.74	0	24.98	2.49
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	3.47	8.97	0	0.30	3.45	0.32	X	0	1.39	13.24	4.74	0	15.69	1.15
M	78	0.99	4.42	0.08	0.29	3.94	0.56	X	0.01	1.50	11.72	2.59	0	3.90	4.99
N	114	2.27	5.58	0.44	1.03	1.50	1.12	X	0	1.61	5.12	3.14	0	12.29	6.64
O	84	0.86	4.25	2.46	0.85	5.68	2.37	X	0.12	3.99	10.91	2.65	0.28	12.12	6.98
P	72	0.02	18.22	0.45	0.65	11.44	1.10	X	0.06	1.82	20.92	3.00	0	7.87	3.47
Q	84	1.99	0.37	0	0.27	3.11	0.43	X	0	0.23	3.04	0.56	0	7.78	3.16
R	78	0	1.58	0	0	1.03	0	X	0	0	0	1.19	0	0.80	0.19
S	60	0	.96	0	0	0.05	0	X	0	0	0	0	0	0	0
Currituck Sound	840	2.02	5.71	0.75	0.76	4.71	0.95	X	0.02	2.06	10.09	3.21	0.02	9.85	3.14

Table . Average Volume of Wildcelery (cc/sq.ft.) on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq.Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	1.24	9.27	.43	.00	2.55	10.23
B	60	1.05	95.71	2.36	Tr.	8.23	27.57
C	36	1.36	78.60	.27	Tr.	5.76	8.16
D	90	.50	32.63	6.01	Tr.	2.78	14.86
E	90	.26	4.72	.01	.00	1.17	1.01
F	102	.10	*8.87	4.67	Tr.	.60	9.38
G	60	. 55	14.12	.42	.00	2.04	10.88
G_1	48	5.16	30.85	1.75	Tr.	5.25	44.03
Back Bay	528	.99	**29.94	2.45	Tr.	3.03	14.26
H	36	5.44	33.48	.53	***Tr.	4.00	24.27
I	36	6.13	27.88	.86	.00	9.49	43.71
J	42	7.49	17.19	2.28	Tr.	6.63	38.57
K	90	.00	.00	Tr.	.00	.00	.16
L	66	2.01	7.85	.23	.00	2.77	33.15
M	78	4.84	10.84	3.32	.00	2.04	25.44
N	114	.88	8.07	1.55	.02	5.22	34.77
O	84	1.82	15.22	.80	.00	5.08	18.38
P	72	3.39	30.00	1.92	.06	6.48	30.91
Q	84	1.35	4.37	1.05	Tr.	6.38	27.87
R	78	.00	.83	Tr.	Tr.	.52	2.06
S	60	.00	.00	.00	.00	Tr.	1.63
Currituck	840	2.20	10.81	1.06	****.01	3.77	22.13

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 Sq. ft.

Table . Average Volume of Wildcelery (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.65	0.00
B	60	3.23	0.00
C	36	Trace	0.00
D	90	0.56 1/	Trace
E	90	Trace	Trace
F	102	0.17	0.04
G	60	Trace	0.41
G_1	48	0.05	0.00
Back Bay	528	0.55 2/	0.05
H	36	0.21	2.08
I	36	7.95	3.75
J	42	7.45	3.21
K	90	0.00	0.00
L	66	1.02	4.39
M	78	8.04	8.20
N	114	7.92	1.87
O	84	2.09	3.91
P	72	0.88	4.58
Q	81	0.26	1.74
R	78	0.00	1.24
S	60	0.00	0.40
Currituck Sound	840	2.94	2.87

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Redheadgrass (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No.Sq.Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	0	0.98	0	0	0	0	0	0	0.34	0	0	0	0.58	1.98
B	60	0	0	0	0.18	0	0.43	0.46	0	0.43	0.42	4.58	0.95	6.19	5.47
C	36	0	0.28	0.64	1.34	8.94	15.74	5.84	2.42	8.02	14.98	26.92	6.48	26.97	29.19
D	90	0	0	0	0	0	0	0	0	0	0.66	0	0.06	0	0
E	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	102	0	0	0	0	0	0	0	0.04	0.10	0.24	0.13	0	5.92	0.13
G	60	0	0	0	0	2.16	0	0	0.01	0.19	0	3.04	0.58	25.57	0.92
G1	48	0	1.94	0.27	2.01	5.53	9.57	2.30	0.83	4.97	3.00	20.52	1.99	48.55	19.86
Back Bay	528	0	0.27	0.07	0.29	1.36	1.95	0.64	0.25	2.67	1.39	4.70	.81	11.05	4.71
H	36	0	0	0	0.36	4.08	10.81	X	0.19	4.12	18.71	25.52	1.62	15.48	3.40
I	36	0.06	0	0	4.00	17.75	37.47	X	8.50	26.72	19.33	15.62	3.08	23.08	5.58
J	42	1.78	5.29	0	1.40	7.62	7.95	X	1.41	7.11	11.84	10.80	0.23	6.32	13.67
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	0.32	0.97	1.26	0.99	0.95	3.77	X	0.41	2.32	2.48	6.60	0.39	4.39	0.93
M	78	0	0.46	0.08	0	0.26	0.17	X	0.01	0.25	0.08	0	0	0.42	1.56
N	114	0	0	0	0.33	0.39	1.64	X	0.29	0.09	5.93	1.40	1.95	1.15	0.86
O	84	0	0	0	0	0.29	4.76	X	0.25	1.48	7.23	5.95	1.94	12.27	13.27
P	72	0	0.18	0	2.08	7.57	10.15	X	1.74	4.52	1.83	8.18	0.93	.87	5.10
Q	84	0	0	0	0	0.02	4.62	X	0	0	0.46	0.04	0.16	9.49	4.96
R	78	0	0	0	0	0.60	0	X	0	0	10.62	0	0	0	0
S	60	0	0	0	0	0	0	X	0	0	0	0	0	0	0
Currituck Sound	840	0.12	0.38	0.09	0.76	2.23	4.68	X	0.68	2.45	4.16	5.30	0.80	2.23	3.66

Table . Average Volume of Redheadgrass (cc/sq.ft.) on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq.Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	2.54	3.75	5.88	Tr.	Tr.	.00
B	60	2.25	7.08	4.04	4.37	7.05	.13
C	36	14.61	115.98	107.73	4.09	21.42	.02
D	90	.22	Tr.	2.11	.00	.04	.04
E	90	.00	.72	.00	.00	.00	.00
F	102	.71	*8.02	.27	.00	.69	.08
G	60	3.51	5.67	.14	Tr.	.71	.95
G_1	48	10.92	32.93	36.98	.12	17.57	1.75
Back Bay	528	3.02	**14.47	12.06	.79	4.07	.31
H	36	21.34	52.04	1.80	***.13	3.33	.90
I	36	25.69	40.23	14.41	37.22	8.71	4.53
J	42	8.10	11.45	12.22	.42	7.00	20.38
K	90	.00	.00	.00	.00	.00	.00
L	66	3.75	12.39	5.94	.15	4.26	15.61
M	78	12.38	6.93	.15	.29	2.82	2.77
N	114	.36	2.51	2.76	1.23	3.17	5.63
O	84	2.57	12.52	1.77	.09	4.66	2.22
P	72	2.87	9.72	2.50	.70	8.76	15.81
Q	84	.54	.76	8.26	3.31	6.18	12.46
R	78	.00	.06	.50	Tr.	.14	.27
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	4.47	8.65	3.43	**** 2.26	3.74	6.35

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of Redheadgrass (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	0.00	0.00
C	36	0.00	0.00
D	90	0.00 1/	0.00
E	90	0.00	0.00
F	102	Trace	0.00
G	60	Trace	0.00
G_1	48	Trace	0.00
Back Bay	528	Trace 2/	0.00
H	36	0.06	0.00
I	36.	4.63	2.26
J	42	7.05	0.91
K	90	0.00	0.00
L	66	7.10	3.05
M	78	0.29	0.38
N	114	2.01	3.32
O	84	5.45	1.84
P	72	21.67	25.65
Q	84	13.83	8.42
R	78	0.21	0.92
S	60	0.00	2.01
Currituck Sound	840	5.22	4.32

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Muskgrass (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No. Sq. Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	0	2.00	0.98	0	0.15	0.45	0.33	0.36	0	2.40	2.37	0	0.82	0
B	60	5.65	5.57	7.50	0	2.26	13.57	1.13	3.85	0	6.14	6.24	0	2.69	2.44
C	36	2.01	7.06	0.58	0.04	4.42	1.32	0	0	0	.84	0.36	0	0.20	0
D	90	3.81	0.11	0.53	0	0.18	0	0	0	0	0	0	0	0	0
E	90	0	0.08	0.16	0	0	0	0	0	0	0.21	0.30	0	0.16	0
F	102	0.13	0.13	0.57	0	0.30	5.65	0.88	0.99	0	2.21	3.43	0	1.74	2.03
G	60	7.59	7.23	4.32	0.01	1.42	12.32	3.41	1.18	0.24	2.76	7.34	0.46	10.53	13.05
G_1	48	4.43	11.50	7.02	0.75	1.26	0	0	0	0	4.09	0.90	0	3.26	1.31
Back Bay	528	2.72	3.20	2.33	0.07	0.93	4.07	0.72	0.79	0.05	2.10	2.56	0.05	2.24	2.28
H	36	11.03	27.14	18.25	0	6.83	24.53	X	0.25	0	21.29	6.07	0	10.25	18.68
I	36	6.40	49.06	33.44	0	0.42	4.39	X	4.14	0	1.00	0.12	0.04	10.46	8.22
J	42	20.27	12.95	15.69	0	13.93	20.10	X	0.96	0	6.16	1.17	0.08	6.27	1.22
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	2.79	5.62	5.30	0	12.03	4.64	X	0.17	0.16	1.62	2.38	0.07	1.14	8.77
M	78	0	0	2.09	0	0.26	1.12	X	0.16	0	0.56	1.28	0	0.06	7.15
N	114	4.85	9.87	11.16	0	5.94	20.78	X	1.41	0.26	1.92	1.72	0.34	0.43	1.27
O	84	10.18	18.12	2.82	0	11.40	4.14	X	0.05	0.01	4.62	4.74	0.14	2.88	1.01
P	72	10.02	11.99	5.49	0	14.87	59.85	X	4.51	0.15	2.53	7.79	0.43	0.65	1.51
Q	84	1.54	2.54	5.76	0	0.33	13.80	X	0.05	0.18	0	0.37	0	5.20	0.56
R	78	2.75	0	0	0	0	0.08	X	0	0	0.10	1.89	0	0	0
S	60	0	0.95	0	0	0.05	0	X	0	0	0	0	0	0	0
Currituck Sound	840	4.81	8.71	6.88	0.00	5.26	12.12	X	0.84	0.08	2.39	2.44	0.10	2.24	3.00

Table . Average Volume of *Chara* (in cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from February 1960 to November 1961.

Transect	No. Sq. Ft. Sampled	1960 February	1960 May	1960 August	1960 November	1961 February	1961 August	1961 November
A	42	0.00	0.00	1.75	0.00	0.00	0.62	0.00
B	60	0.00	0.00	3.93	1.45	0.00	2.27	1.09
C	36	0.00	0.00	0.84	0.00	0.00	0.19	0.00
D	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	90	0.00	0.00	0.21	0.00	0.00	0.00	0.16
F	102	0.00	0.00	1.96	1.16	0.00	1.66	0.77
G	60	0.00	0.00	2.76	2.35	0.46	9.54	4.88
G_1	48	0.00	0.00	3.72	0.00	0.00	3.26	1.31
Back Bay	528	0.00	0.00	1.55	0.68	0.06	1.96	0.97
H	36	0.00	0.00	13.08	0.56	0.00	6.71	9.64
I	36	0.00	0.00	1.00	0.00	0.04	9.98	0.68
J	42	0.07	0.00	4.82	1.03	0.08	5.34	0.14
K	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L	66	0.15	0.00	1.57	1.53	0.07	1.44	7.74
M	78	0.00	0.00	0.56	0.53	0.00	0.06	1.15
N	114	0.17	0.00	1.90	1.55	0.32	0.43	0.63
O	84	0.00	0.00	4.46	4.35	0.00	2.07	1.01
P	72	0.15	0.00	0.00	0.09	0.43	0.65	0.90
Q	84	0.00	0.00	0.00	0.37	0.00	5.20	0.56
R	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Currituck Sound	840	0.06	0.00	1.34	0.96	0.08	1.59	1.97

Table . Average Volume of Chara sp./ Sq. Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.00	Tr.	.69	Tr.	.00	.04
B	60	.00	.22	11.07	Tr.	.00	.78
C	36	.00	.00	.00	.00	.00	.13
D	90	.00	.26	Tr.	.00	.00	Tr.
E	90	.00	.10	.55	.00	Tr.	Tr.
F	102	.00	*1.04	1.14	.00	.01	.85
G	60	Tr.	1.09	1.47	.00	.00	3.37
G_1	48	Tr.	.00	Tr.	.00	.00	8.15
Back Bay	528	Tr.	**.39	1.79	Tr.	Tr.	1.39
H	36	.00	16.04	3.38	*** Tr.	.00	2.26
I	36	.00	2.25	5.64	.07	.00	3.85
J	42	.00	12.02	10.47	.25	.00	.00
K	90	Tr.	.00	.00	.00	.00	.00
L	66	.00	3.91	4.92	Tr.	.00	.93
M	78	.00	3.80	2.06	.00	.00	2.78
N	114	Tr.	2.66	5.67	.02	.22	5.97
O	84	.17	2.19	2.83	1.18	.23	7.13
P	72	3.18	.29	3.40	Tr.	.64	10.09
Q	84	.00	5.72	.11	Tr.	.10	2.62
R	78	.50	5.08	.00	.00	.14	3.32
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.34	3.69	2.84	**** .14	.13	3.55

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of *Chara* sp. (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	Trace	0.00
C	36	0.00	0.00
D	90	0.00 1/	Trace
E	90	0.00	0.00
F	102	Trace	0.06
G	60	Trace	3.43
G_1	48	0.47	0.00
Back Bay	528	0.04 2/	0.40
H	36	0.00	0.00
I	36	0.91	2.00
J	42	1.15	1.80
K	90	0.00	0.00
L	66	0.41	0.00
M	78	0.90	0.00
N	114	6.18	1.30
O	84	4.42	0.29
P	72	1.78	1.08
Q	84	0.55	1.13
R	78	0.92	0.00
S	60	0.00	0.00
Currituck Sound	840	1.79	0.59

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of *Nitella* (in cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from February 1960 to November 1961.

Transect	No. Sq. Ft. Sampled	1960 February	1960 May	1960 August	1960 November	1961 February	1961 August	1961 November
A	42	0.35	0.00	0.64	2.37	0.00	0.21	0.00
B	60	3.85	0.00	2.21	4.79	0.00	0.42	1.35
C	36	0.00	0.00	0.00	0.36	0.00	0.00	0.00
D	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	90	0.00	0.00	0.00	0.30	0.00	0.00	0.00
F	102	0.99	0.00	0.25	2.27	0.00	0.08	1.26
G	60	1.18	0.24	0.00	4.99	0.00	0.99	8.17
G_1	48	0.00	0.00	0.36	0.91	0.00	0.00	0.00
Back Bay	528	0.75	0.03	0.32	1.83	0.00	0.19	1.39
H	36	0.25	0.00	8.21	5.51	0.00	3.54	9.04
I	36	4.14	0.00	0.00	0.12	0.00	0.48	7.54
J	42	0.89	0.00	1.33	0.14	0.00	0.93	1.08
K	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
L	66	0.02	0.16	0.05	3.85	0.00	0.00	1.03
M	78	0.16	0.00	0.00	0.75	0.00	0.00	6.00
N	114	1.24	0.26	0.02	0.17	0.02	0.00	0.64
O	84	0.05	0.01	0.16	0.39	0.14	0.81	0.00
P	72	4.36	0.15	2.53	7.70	0.00	0.00	0.61
Q	84	0.05	0.00	0.00	0.00	0.00	0.00	0.00
R	78	0.00	0.00	0.10	1.89	0.00	0.00	0.00
S	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Currituck Sound	840	0.63	0.06	0.44	1.77	0.02	0.19	1.03

Table . Volume (Average) of Nitella sp./ Sq. Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.00	.00	.00	.00	.00	.08
B	60	.00	.00	.00	.00	.00	.25
C	36	.00	.00	.00	.00	.00	.00
D	90	.00	.00	.00	.00	.00	.00
E	90	.00	.00	.00	.00	.00	.00
F	102	.00	*.11	.00	.00	.00	.00
G	60	.00	.93	.00	.00	.00	Tr.
G_1	48	.00	1.26	.00	.00	.00	.00
Back Bay	528	.00	**.24	.00	.00	.00	.03
H	36	.00	.00	.00	***.00	.00	Tr.
I	36	.00	.00	Tr.	.00	.00	.00
J	42	.00	.00	.00	.00	.00	.00
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	1.09	.16	.00	.00	.00
M	78	.00	.90	3.67	.00	.00	.00
N	114	.00	.00	.16	.00	.00	.00
O	84	.00	.00	.04	.00	.00	.00
P	72	.00	.00	2.86	.00	.00	.51
Q	84	.00	.00	.00	.00	.00	.00
R	78	.00	.00	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.00	.17	.62	****.00	.00	.04

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of Nitella sp. (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.34
B	60	0.00	Trace
C	36	0.00	0.00
D	90	0.00 1/	0.00
E	90	0.00	0.00
F	102	0.00	0.04
G	60	Trace	2.33
G_1	48	0.00	0.00
Back Bay	528	Trace 2/	0.30
H	36	0.00	13.79
I	36	0.06	1.60
J	42	0.42	0.90
K	90	0.00	0.00
L	66	0.00	0.00
M	78	0.17	0.00
N	114	0.14	0.10
O	84	0.06	0.33
P	72	0.63	0.01
Q	84	0.08	0.00
R	78	0.00	0.03
S	60	0.00	0.05
Currituck Sound	840	0.13	0.75

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Najas guadalupensis (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No.Sq.Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42	74.76	78.12	55.83	4.11	73.61	99.40	114.48	84.52	28.11	36.40	19.90	6.77	3.51	29.59
B	60	44.12	63.05	68.50	29.92	67.12	125.83	87.30	46.20	32.40	26.73	43.43	15.59	46.54	31.75
C	36	113.51	96.83	91.77	7.88	118.18	65.02	18.63	66.26	19.08	96.25	127.30	18.40	132.82	41.96
D	90	0	22.09	4.18	0	9.90	45.41	43.16	42.56	23.96	55.63	60.00	23.30	34.13	26.94
E	90	0	0	0	0	0	0	0.16	0	0	1.98	15.80	12.48	12.70	5.18
F	102	0	0.21	0	0	0.07	6.87	3.51	2.96	0.59	8.10	24.11	6.08	30.67	6.28
G	60	0	0	0	0.24	1.08	2.64	0.79	1.53	4.09	8.94	11.39	4.90	16.78	15.64
G_1	48	38.75	52.60	41.15	7.82	39.64	75.32	9.77	20.83	12.09	62.96	61.07	15.53	108.97	60.70
Back Bay	528	22.22	28.57	22.94	5.00	26.97	41.90	29.58	26.40	22.79	30.62	39.84	12.81	40.34	22.81
H	36	55.07	99.17	44.33	31.81	57.53	40.11	X	10.89	11.12	39.98	87.19	23.04	57.33	12.06
I	36	77.14	27.19	56.22	60.71	69.83	55.33	X	27.64	13.07	78.35	63.52	25.41	36.54	47.51
J	42	18.34	15.64	18.48	3.51	9.14	41.52	X	9.68	6.36	61.63	49.96	10.35	24.79	17.79
K	90	0	0	0	0	0	0	X	0	0	0	0	0	0	0
L	66	5.28	3.95	10.11	0.36	.92	5.80	X	2.09	1.20	12.53	26.20	5.67	14.41	4.57
M	78	3.71	9.79	1.72	2.82	9.40	10.26	X	7.30	5.94	20.74	25.42	16.53	7.52	13.60
N	114	0.19	6.45	3.96	9.23	13.66	20.97	X	9.64	13.88	14.22	18.13	9.96	22.94	21.93
O	84	17.59	12.38	12.48	5.80	12.37	23.30	X	4.60	12.15	33.65	20.15	7.04	36.17	26.07
P	72	8.46	67.01	25.95	14.40	16.57	44.47	X	15.71	13.93	44.88	33.85	8.33	20.74	43.42
Q	84	6.56	0.38	1.00	2.73	0.62	13.32	X	1.34	0.29	8.39	5.69	3.59	11.15	17.95
R	78	0	16.08	0	0	4.95	2.14	X	0	0.19	4.60	11.70	0.09	0.44	0
S	60	0	0	10.83	0	0	0	X	0	0	0	0	0	0	0
Currituck Sound	840	10.55	16.81	12.36	10.72	11.71	17.61	X	5.76	6.34	21.47	22.22	7.71	16.76	16.16

Table . Average Volume of Najas guadalupensis/ Sq. Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	5.33	Tr.	2.54	4.02	.91	1.26
B	60	8.29	34.18	26.29	12.16	11.11	13.58
C	36	11.78	15.82	28.73	10.91	3.82	Tr.
D	90	7.31	10.40	47.74	12.02	3.01	10.55
E	90	14.98	45.04	3.07	9.51	2.10	.04
F	102	4.46	*15.33	37.89	21.26	12.02	8.30
G	60	.98	6.04	3.31	21.68	.48	9.77
G_1	48	13.68	56.76	59.57	24.10	11.02	7.06
Back Bay	528	8.19	**23.40	26.92	14.88	5.85	6.81
H	36	3.25	77.90	52.96	***24.87	2.56	14.77
I	36	14.84	44.09	62.03	15.84	17.13	62.81
J	42	15.81	13.99	69.12	15.09	13.37	67.57
K	90	Tr.	.00	Tr.	Tr.	Tr.	Tr.
L	66	.83	.01	2.56	3.69	5.10	20.40
M	78	25.70	29.32	26.66	16.45	9.03	37.20
N	114	9.82	4.58	6.96	8.60	9.35	17.56
O	84	3.60	4.64	6.36	3.74	6.98	11.52
P	72	23.97	57.68	11.84	14.19	21.68	45.67
Q	84	2.00	18.14	28.52	19.35	15.58	39.76
R	78	Tr.	1.84	1.96	.36	2.10	2.61
S	60	Tr.	Tr.	Tr.	.23	Tr.	4.43
Currituck	840	7.97	16.67	16.69	****8.83	8.33	23.74

*Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of *Najas guadalupensis* (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.03	0.00
B	60	2.05	0.00
C	36	Trace	0.00
D	90	0.18 1/	0.00
E	90	Trace	0.00
F	102	0.40	Trace
G	60	Trace	1.15
G_1	48	0.79	Trace
Back Bay	528	0.42 2/	0.13
H	36	4.01	5.06
I	36	44.98	39.73
J	42	50.92	7.06
K	90	0.00	0.00
L	66	15.63	54.22
M	78	17.58	12.84
N	114	19.31	40.11
O	84	16.57	39.07
P	72	21.89	45.52
Q	84	27.28	12.32
R	78	3.11	2.43
S	60	2.91	0.38
Currituck Sound	840	16.88	22.59

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Widgeongrass (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No.Sq.Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42						0.21		1.49		0.34	0.05			
B	60		0.53		0.86	4.05	7.38	10.13	13.90	2.93	4.60	8.04	9.51	4.20	2.54
C	36														
D	90					0.18									
E	90														
F	102					0.08	4.77	2.24	0.96		0.31	1.24	1.26		0.52
G	60			0.63	0.08	0.62	11.94	1.26	1.85	0.91	3.10	19.26	0.97	1.03	0.98
G_1	48						0.15								
Back Bay	528	0	0.06	0.07	0.11	0.58	3.08	1.75	2.10	0.73	0.96	3.35	1.44	.60	0.50
H	36				0.48	0.50	3.31	X	0.75	0.58	2.06	.98	0.33		0.66
I	36	0.28			5.57	15.33	21.42	X	6.29	10.40	7.63	8.81	4.45	2.83	0.86
J	42	0.53			1.40	7.62	7.95	X	1.41	7.11	11.84	10.80	0.23	6.32	1.97
K	90							X							
L	66	0.16			0.28	0.48	0.55	X	2.89	2.89	0.91	2.19	2.55	0.64	2.75
M	78							X	0.02		0.31	0.05			1.08
N	114				.04	1.67	8.75	X	2.66	4.91	2.22	2.52	1.37	0.16	4.04
O	84	0.09				12.96	7.51	X	2.45	13.13	10.44	2.10	4.29	1.13	4.61
P	72	0.23				2.25	10.22	X	3.05	3.75	1.90	2.75	4.76	0.24	2.91
Q	84	3.28	0.05		2.73	2.01	9.87	X	1.29	1.63	4.21	4.62	1.38	4.60	0.76
R	78					5.31	8.70	X		0.19	1.02	4.62	0.09	0.34	
S	60					0.82		X						0.25	
Currituck Sound	840	0.41	0	0	1.18	3.42	6.53	X	1.97	3.64	3.53	3.51	1.99	1.01	1.62

Table . Average Volume of Widgeongrass/ Sq. Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.10	7.20	13.44	9.50	3.39	.06
B	60	1.09	6.58	26.83	14.13	12.27	.09
C	36	.00	.00	Tr.	Tr.	.00	.02
D	90	.00	.40	Tr.	.18	Tr.	Tr.
E	90	.02	.13	1.23	.00	Tr.	.00
F	102	.75	*6.43	7.51	1.10	.56	2.00
G	60	5.38	11.75	20.69	13.11	2.57	5.32
G_1	48	.00	1.35	3.23	.00	.00	.00
Back Bay	528	.89	**4.06	8.42	4.09	2.06	1.01
H	36	2.48	7.75	11.11	*** 2.70	1.60	.81
I	36	3.71	22.86	12.09	17.80	11.02	4.32
J	42	8.39	58.99	12.67	27.92	9.87	.38
K	90	.00	.00	.00	.00	.00	.00
L	66	8.97	19.66	1.70	6.08	.83	1.55
M	78	.54	.72	.15	.11	.09	.95
N	114	2.41	4.97	3.16	4.58	4.35	1.37
O	84	2.51	4.73	3.20	2.86	1.66	2.08
P	72	12.23	33.94	7.53	8.27	12.13	33.64
Q	84	15.78	28.00	12.31	14.52	12.63	28.70
R	78	1.42	.78	.59	1.46	1.22	5.20
S	60	.50	.00	.00	Tr.	.00	5.13
Currituck	840	4.81	12.80	4.46	****6.01	4.28	7.45

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of Widgeongrass (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	0.00	Trace
C	36	0.00	0.00
D	90	Trace 1/	0.00
E	90	Trace	0.00
F	102	Trace	0.00
G	60	Trace	0.12
G_1	48	0.00	0.00
Back Bay	528	Trace 2/	0.01
H	36	Trace	0.00
I	36	1.28	1.54
J	42	5.58	1.06
K	90	0.00	0.00
L	66	2.14	0.61
M	78	0.00	0.00
N	114	3.41	2.63
O	84	4.86	1.80
P	72	26.19	5.74
Q	84	21.67	9.61
R	78	3.30	4.65
S	60	1.76	2.19
Currituck Sound	840	6.30	2.74

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of *Eleocharis parvula* (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No. Sq. Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42						0.82	0.03		0.10			0.09		
B	60									0.18	0.26	1.37	0.60		
C	36		0.28		.02	10.50	11.44	15.60	5.32	0.26	8.04	7.28	0.72	.28	
D	90							0.04							
E	90														
F	102														
G	60														0.04
G_1	48		1.31			10.69	8.13	10.22	3.31	4.10	8.06	12.93	0.09	1.11	4.71
Back Bay	528		0.14	0	0	1.69	1.55	1.91	0.67	0.86	1.32	1.83	0.13	.12	0.50
H	36										0.71	0.33			
I	36						4.42	X	0.85	2.21	4.67	12.35	0.06	1.29	0.40
J	42							X			1.95	1.59	0.42	5.57	
K	90							X							
L	66							X							
M	78							X			0.06	0.30	0.19		
N	114							X				0.02			1.05
O	84							X							
P	72							X				0.43			0.07
Q	84							X							
R	78							X							
S	60							X							
Currituck Sound	840	0	0	0	0	0	0.38	X	0.01	0.10	0.33	0.69	0.04	.06	0.15

Table . Average Volume of Eleocharis parvula/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.17	Tr.	Tr.	.00	.00	.00
B	60	.36	Tr.	Tr.	.00	.00	.00
C	36	Tr.	Tr.	Tr.	3.67	.11	.00
D	90	.00	Tr.	.00	.00	.00	.00
E	90	.01	.00	.00	.00	.00	.00
F	102	.00	*.00	.00	.00	.00	.00
G	60	.00	.00	.00	.00	.00	.00
G_1	48	4.94	5.91	16.57	2.93	.33	.00
Back Bay	528	.50	.55	1.51	.52	.03	.00
H	36	.00	.00	.00	*** .00	.00	Tr.
I	36	Tr.	1.19	.00	.00	.00	.00
J	42	1.31	1.61	.57	.25	.00	.00
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	.00	.00	.00	.00	.00
M	78	.00	1.31	.73	.83	.03	.85
N	114	.00	.00	.00	.00	.00	.00
O	84	.08	.00	.00	Tr.	.00	.00
P	72	Tr.	.00	Tr.	.03	.04	.21
Q	84	.00	.00	.15	.08	.00	.00
R	78	.00	.00	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.07	.25	.11	**** .10	.01	.10

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of Eleocharis parvula (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	0.00	0.00
C	36	Trace	Trace
D	90	0.00 1/	0.00
E	90	Trace	0.00
F	102	0.00	0.00
G	60	0.00	0.00
G_1	48	1.90	Trace
Back Bay	528	0.18 2/	Trace
H	36	0.00	0.00
I	36	0.19	2.40
J	42	0.47	0.06
K	90	0.00	0.00
L	66	0.00	0.00
M	78	1.56	0.36
N	114	0.00	0.00
O	84	0.00	0.00
P	72	0.00	0.00
Q	84	0.42	0.00
R	78	0.00	0.00
S	60	0.00	0.00
Currituck Sound	840	0.22	0.14

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of *Sagittaria subulata* (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No.Sq.Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42														
B	60											0.03			1.64
C	36			0.08			3.84	0.96						2.44	10.77
D	90														
E	90														
F	102														
G	60														
G_1	48		0.52	0.98			1.45		.83		11.91	6.54	7.20	10.78	15.60
Back Bay	528	0	0.05	0.09	0	0	0.39	0.07	0.08	0	1.08	0.59	0.66	1.15	2.34
H	36							X				.08			
I	36							X			4.46	7.37		.17	3.20
J	42							X			.93	2.64	0.50	1.57	3.30
K	90							X							
L	66							X							
M	78							X						0.40	0.08
N	114							X							
O	84							X							
P	72							X							
Q	84							X							
R	78							X							
S	60							X							
Currituck Sound	840	0	0	0	0	0	0	X	0	0	0.24	0.45	.02	.32	0.37

Table . Average Volume of *Sagittaria subulata*/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.22	.00	Tr.	.19	.00	.00
B	60	.00	Tr.	.00	.00	Tr.	.00
C	36	.24	Tr.	.00	.00	2.13	.00
D	90	.00	.00	.00	.00	.00	.00
E	90	.00	.00	.00	.00	.00	.00
F	102	.00	*.00	.00	.00	.00	.00
G	60	.00	.00	Tr.	.00	.00	.00
G_1	48	10.61	50.72	16.80	2.85	2.50	16.05
Back Bay	528	1.00	**4.72	1.53	.27	.37	1.46
H	36	.83	.00	Tr.	***.00	.00	Tr.
I	36	1.27	.81	.27	.00	.41	1.09
J	42	8.88	.75	.48	Tr.	.43	2.22
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	.00	.17	.00	.03	.00
M	78	.00	.35	.00	.27	.00	.00
N	114	.00	.00	.00	.00	.00	.00
O	84	.00	.00	.00	.00	.00	.00
P	72	.00	.00	.00	.00	.00	.00
Q	84	.00	.00	.00	.00	.00	.00
R	78	.00	.00	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.53	.10	.05	****.03	.04	.16

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of *Sagittaria subulata* (cc./sq. ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina; as Determined by Each Transect Survey from November 1963 to November 1964.

Transect	Number Sq. Ft.	1963 November	1964 November
A	42	0.00	0.00
B	60	0.00	0.00
C	36	Trace	0.00
D	90	0.00 1/	0.00
E	90	0.00	0.00
F	102	0.00	0.00
G	60	0.00	0.00
G_1	48	15.99	Trace
Back Bay	528	1.49 2/	Trace
H	36	0.00	0.00
I	36	1.77	0.00
J	42	0.63	0.00
K	90	0.00	0.00
L	66	0.00	0.00
M	78	0.00	0.00
N	114	0.00	0.00
O	84	0.00	0.00
P	72	0.00	0.00
Q	84	0.00	0.00
R	78	0.00	0.00
S	60	0.00	0.00
Currituck Sound	840	0.11	0.00

Trace equals less than .005 cc. per sq. ft.
1/ Based on 78 sq. ft.
2/ Based on 516 sq. ft.

Table . Average Volume of Potamogeton berchtoldi (in cc./sq.ft.) on Each Transect on Back Bay, Virginia, and Currituck Sound, North Carolina, from August 1958 to November 1961.

		1958			1959			1960					1961		
Transect	No. Sq. Ft. Sampled	Aug.	Oct.	Nov.	May	Aug.	Nov.	Jan.	Feb.	May	Aug.	Nov.	Feb.	Aug.	Nov.
A	42														
B	60														
C	36														
D	90														
E	90														
F	102														
G	60														
G1	48														
Back Bay	528	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	36							X							
I	36							X							
J	42							X							
K	90							X							
L	66							X							
M	78							X							
N	114							X			0.03	0.09			
O	84							X							
P	72							X			1.74				
Q	84							X							
R	78							X							
S	60							X							
Currituck Sound	840	0	0	0	0	0	0	X	0	0	0	Trace	Trace	0	0

Table . Average Volume of Potamogeton berchtoldii/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.00	.00	.00	.00	.00	.00
B	60	Tr.	Tr.	.00	.00	Tr.	.00
C	36	.00	Tr.	.00	.00	.00	.00
D	90	.00	.00	Tr.	.00	.00	.00
E	90	.00	.00	.00	.00	Tr.	.00
F	102	.00	*.00	.00	.00	.00	.00
G	60	.00	.00	.00	.00	.00	.00
G_1	48	.00	.00	.00	.00	.00	.00
Back Bay	528	Tr.	**Tr.	Tr.	.00	Tr.	.00
H	36	.00	.00	.00	***.00	.00	.00
I	36	.00	.00	.00	.00	.00	.00
J	42	.00	.00	.00	.00	.00	.00
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	.00	.00	.00	.00	.00
M	78	.00	.00	.00	.00	.00	.00
N	114	.00	.00	.00	.00	.00	.00
O	84	.00	.00	.00	.00	.00	.00
P	72	.00	.00	.00	.00	.00	.00
Q	84	.00	.00	.00	.00	.00	.00
R	78	.00	Tr.	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.00	Tr.	.00	****.00	.00	.00

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . Average Volume of Anacharis canadensis/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.00	.00	.00	.00	.00	.00
B	60	.00	.00	.00	.00	.00	.00
C	36	.00	.00	.00	.00	.00	.00
D	90	.00	.00	.00	.00	.00	.00
E	90	.00	.00	.00	.00	.00	.00
F	102	.00	*.00	.00	.00	.00	.00
G	60	.00	.00	.00	.00	.00	.00
G_1	48	.00	Tr.	.00	.00	Tr.	.00
Back Bay	528	.00	**Tr.	.00	.00	Tr.	.00
H	36	.00	.00	Tr.	***.00	.00	Tr.
I	36	.00	.00	.00	.00	.00	.00
J	42	.00	.00	.47	Tr.	.17	.00
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	.00	.00	.00	.00	.00
M	78	.00	.00	.00	.00	.00	.00
N	114	.00	.00	.00	.00	.00	.00
O	84	.00	.00	.00	.00	.00	.00
P	72	.00	.00	.00	.00	.00	.00
Q	84	.00	.00	.00	.00	.00	.00
R	78	.00	.00	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.00	.00	.02	**** Tr.	.01	Tr.

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table . **Average Volume of Ceratophyllum demersum/Sq.Ft. on Each Transect on Back Bay, Virginia and Currituck Sound, North Carolina; as Determined by Each Transect Survey from May 1962 to August 1963.**

Transect	Number Sq. Ft.	1962 May	1962 August	1962 November	1963 February	1963 May	1963 August
A	42	.00	.00	.00	.00	.00	.00
B	60	Tr.	Tr.	.00	.00	.00	.00
C	36	.00	.00	.00	.00	.00	.00
D	90	.00	.00	.00	.00	.00	.00
E	90	.00	.00	.00	.00	.00	.00
F	102	.00	*.00	.00	.00	.00	.00
G	60	.00	.00	.00	.00	.00	.00
G_1	48	.00	.00	.00	.00	.00	.00
Back Bay	528	Tr.	**Tr.	.00	.00	.00	.00
H	36	.00	.00	.00	***.00	.00	.00
I	36	.00	.00	.00	.00	.00	.00
J	42	.00	.00	.00	.00	.00	.00
K	90	.00	.00	.00	.00	.00	.00
L	66	.00	.00	.00	.00	.00	.00
M	78	.00	.00	.00	.00	.00	.00
N	114	.00	.00	.00	.00	.00	.00
O	84	.00	.00	.00	.00	.00	.00
P	72	.00	.00	.00	.00	.00	.00
Q	84	.00	.00	.00	.00	.00	.00
R	78	.00	.00	.00	.00	.00	.00
S	60	.00	.00	.00	.00	.00	.00
Currituck	840	.00	.00	.00	****.00	.00	.00

* Based on 90 sq. ft.
** Based on 516 sq. ft.
*** Based on 24 sq. ft.
**** Based on 828 sq. ft.

Table _____. Percent Frequency of Each Species of Vegetation Encountered on each Transect, November 1960.

Transect	No. Samples	Sago	Celery	Redhead Grass	Chara	Nitella	Najas	Widgeon Grass	Eleocharis	Berchtoldi	Sagittaria	All Species
Back Bay												
A	21	5	38			14	76	5				76
B	30	17	80	27	37	40	80	30	7		3	100
C	18		56	61		11	100		22			100
D	45	9	38	7		7	67	2				71
E	45	2	2			7	47					47
F	51	2	37	6	8	18	63	10				63
G	30	23	47	20	23	27	87	30				93
G1	24		58	71		12	96		58		54	100
Total:	264											
Average:		7	41	18	8	16	72	9	8		5	76
Currituck Sound												
H	18		83	83	22	39	100	28	6		6	100
I	18	22	95	78		6	100	44	72		28	100
J	21	38	76	86	24	9	90	100	24		24	100
K	45											0
L	33	21	33	27	21	36	45	24				52
M	39	8	41		8	18	62	5	10			62
N	57	40	56	17	23	7	88	46		2		91
O	42	33	40	17	33	10	57	43				76
P	36	17	25	28	3	22	61	17	6			67
Q	42	5	23	5	7		52	55				62
R	39		10	15		3	13	23				23
S	30											0
Total:	420											
Average:		16	35	21	12	11	52	30	6	.002	3	58

Table _____. Average Volume (cc). Per Square Foot of Each Species of Vegetation by Transect on November 8, 1960.

Back Bay

Transect	No.Sq.Ft. Sampled	Sago	Celery	Redhead Grass	Chara	Nitella	Najas	Widgeon Grass	Eleocharis	Sagittaria	Berchtoldi	Total
A	42		6.14			2.37	19.90	0.05				28.46
B*	60	2.11	11.25	4.58	1.45	4.79	43.43	8.04	1.37			77.04
C	36		8.94	26.92		0.36	127.30		7.28			170.80
D	90	1.57	6.99	0.66			60.06					69.28
E	90	0.10	0.13			0.30	15.80					16.32
F	102		4.13	0.13	1.16	2.27	24.11	1.24				33.04
G	60	13.39	1.50	3.04	2.35	4.99	11.39	19.26				55.92
G1	48		24.20	20.52		0.90	61.07		12.93	6.54		128.40
Total:	528											
Average:		2.05	6.76	4.70	0.66	1.90	39.84	3.35	1.83	0.59		61.66

Currituck Sound

H	36		13.58	25.52	0.55	5.52	87.19	0.98	0.33	0.08		133.75
I	36	3.06	14.54	15.62		0.12	63.52	8.81	12.35	7.37		125.42
J	42	4.25	5.74	10.80	1.03	0.14	49.96	16.53	1.59	2.64		92.85
K	90											0
L	66	11.06	4.74	6.60	1.53	3.85	26.20	2.19				54.09
M	78	0.38	2.59		0.53	0.75	25.42	0.05	0.30			30.00
N	114	9.02	3.14	1.40	1.55	0.17	18.13	5.52	0.02		0.09	39.06
O	84	9.19	2.65	5.95	4.35	0.39	20.15	2.10				44.82
P	72	3.98	3.00	8.18	0.09	7.70	33.85	2.75	0.43			60.00
Q	84	1.01	0.56	0.04	0.37		5.69	4.62				12.32
R	78		1.19	10.62		1.89	11.70	4.62				30.00
S	60											0
Total:	840											
Average:		3.86	3.21	5.30	0.93	1.51	22.22	3.51	0.69	0.45	0.01	41.73

*0.03 cc. of Ceratophyllum found on Transect B is regarded as only a trace in the average.

Table_____. Average Volume (cc.) per Sq. Ft. of Each Species of Vegetation in Each Depth Interval from Back Bay Transect Survey, November 8, 1960.

Depth in Inches -	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77
No. of Two Sq.Ft. Samples	3	0	24	15	57	21	24	21	36	42	21
Sago Pondweed			9.60		4.12	Trace	2.94	Trace	0.12		
Wild Celery			5.21	6.43	10.09	10.64	10.53	8.54	8.29	0.79	Trace
Redhead Grass			19.98	17.09	7.08	4.12	0.66		Trace		
Chara			5.31	1.25	Trace	0.10	0.15	0.20	0.43		
Nitella	Trace		10.21	9.41	0.87	2.50		Trace	0.30		
Najas			24.28	18.34	58.97	60.03	82.77	28.56	38.79	25.10	Trace
Widgeon Grass			14.81	3.74	7.86	1.13					
Eleocharis parvula				13.29	4.24		1.05	0.75			
Sagittaria subulata					2.75				Trace		
Coontail				0.05							
Total Vegetation:			89.40	69.60	95.98	78.52	98.10	38.05	47.93	25.89	

Table ____. Average Volume (cc.) per Sq. Ft. of Occupied Samples of Each Species of Vegetation in Each Depth Interval from Back Bay Transect Survey, November 8, 1960.

Depth in Inches -	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77
No. of Two Sq.Ft. Samples	3	0	24	15	57	21	24	21	36	42	21
Sago Pondweed			46.09		46.94	Trace	23.52	Trace	4.30		
Wild Celery			15.62	16.08	22.13	14.89	25.27	16.30	27.13	8.29	Trace
Redhead Grass			53.28	51.27	17.55	12.35	7.93		Trace		
Chara			14.16	9.35	Trace	2.15	3.60	2.15	3.38		
Nitella	Trace		16.34	28.23	5.52	7.51		Trace	5.93		
Najas			25.34	25.00	76.40	70.03	85.28	37.48	49.88	52.70	Trace
Widgeon Grass			39.48	18.72	64.03	3.96					
Eleocharis parvula				39.88	18.60		25.20	15.85			
Sagittaria subulata					12.07				Trace		
Coontail				0.38							
Total Vegetation:	Trace	0	89.40	74.57	111.67	91.60	102.37	49.95	61.71	54.36	Trace

Table____. Percent Frequency of Samples in Each Depth Interval Containing Each Species of Vegetation from Back Bay Transect Survey, November 8, 1960.

Depth in Inches -	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77
No. of Two Sq.Ft. Samples -	3	0	24	15	57	21	24	21	36	42	21
Sago Pondweed			21%		9%	10%	13%	10%	3%		
Wild Celery			33%	40%	46%	71%	42%	52%	31%	10%	5%
Redhead Grass			38%	33%	40%	33%	8%		6%		
Chara			38%	13%	4%	5%	4%	10%	14%		
Nitella	67%		63%	33%	16%	33%		14%	6%		
Najas			96%	73%	77%	86%	96%	76%	78%	48%	33%
Widgeon Grass			38%	20%	12%	29%					
Eleocharis parvula				33%	23%		4%	5%			
Sagittaria subulata					23%				3%		
Coontail				13%							
Total Vegetation:	67%	0	100%	93%	86%	86%	96%	76%	77%	48%	33%

Table_____. Percent of Total Number of Occurrences of Each Species of Vegetation in Each Depth Interval from Back Bay Transect Survey, November 8, 1960.

Depth in Inches -	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77
No. of Two Sq. Ft. Samples -	3	0	24	15	57	21	24	21	36	42	21
Sago Pondweed			28%		28%	11%	17%	11%	5%		
Wild Celery			9%	7%	28%	16%	11%	12%	12%	4%	1%
Redhead Grass			19%	10%	48%	15%	4%		4%		
Chara			41%	9%	9%	5%	5%	9%	22%		
Nitella	5%		35%	11%	21%	16%		7%	5%		
Najas			12%	6%	23%	9%	12%	8%	15%	11%	4%
Widgeon Grass			36%	12%	28%	24%					
Eleocharis parvula				25%	65%		5%	5%			
Sagittaria subulata					93%				7%		
Coontail				100%							
Total Vegetation:	1%		12%	7%	24%	9%	11%	8%	14%	10%	3%
Percent of Total Samples/Interval:	1%	0%	9%	6%	22%	8%	9%	8%	13%	16%	8%

Table _____. Average Volume (cc.) per Square Foot of Each Species of Vegetation Sampled at Each Depth Interval on Each Soil Type from Back Bay Transect Survey, November 8, 1960.

	Depth (inches)											
Species-Soil	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77	Total
Sago-Sand			12.80		11.18	Trace	1.76		0.72			6.14
Silt							6.08	Trace				3.94
Celery-Sand			0.38	1.20	1.70	11.71	6.16					3.70
Silt			Trace	3.83	4.84	9.01	19.04	9.32	9.95	0.79	Trace	5.48
Loam			39.37	12.96	27.26		4.32					21.59
Clay					0.64			3.83				1.44
Redhead-Sand			4.08		4.23	4.86	1.76					3.24
Silt			71.77	37.45	4.96	2.16	Trace		Trace			2.74
Loam			63.60	24.00	13.52							17.52
Clay					2.96							2.22
Chara-Sand			7.08	3.12	Trace	0.13						1.88
Silt									0.56			0.12
Loam							0.60					0.11
Clay								1.43				0.36
Nitella-Sand	Trace		13.62	19.93	2.06	3.28						5.83
Silt								Trace	0.40			0.13
Loam			Trace	3.60	0.36							0.85
Clay								Trace				
Peat						Trace						
Najas-Sand			9.50	Trace	8.86	40.67	44.72		23.28			19.62
Silt			65.03	32.65	184.60	150.65	156.48	24.28	41.89	25.10	Trace	48.30
Loam			72.23	29.52	73.86		29.28					57.54
Clay					20.48			54.25				28.93
Peat						7.2						7.2
Widgeon-Sand			19.74	9.36	21.34	1.44						11.17
Silt						0.18						0.01

Table ____ (cont'd)- Average Volume (cc.) Per Square Foot of Each Species of Vegetation Sampled at Each Depth Interval on Each Soil from Back Bay Transect Survey, November 8, 1960.

	Depth (inches)											
Species-Soil	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77	Total
Sagittaria-Silt									Trace			Trace
Loam					7.40							4.04
Clay					2.64							1.98
Eleocharis-Silt				43.67								0.94
Loam				11.40	11.19		4.20					8.94
Clay					4.48			5.28				4.68
Coontail-Loam				0.13								0.02
Total Vegetation:												
Sand	Trace		67.20	33.60	49.37	62.10	54.40		24.00			51.58
Silt			136.80	117.60	194.40	162.00	181.60	33.60	52.80	25.89	Trace	58.07
Loam			175.20	81.60	133.60		38.40					110.62
Clay					31.20			64.80				39.60
Peat						7.20						7.20
No. Samples-Sand	3		18	6	21	16	9		6			79
Silt			3	3	9	4	9	18	30	42	21	139
Loam			3	6	18		6					33
Clay					9			3				12
Peat						1						1
Total:	3	0	24	15	57	21	24	21	36	42	21	264

Table _____. Average Volume (cc.) Per Square Foot of Occupied Samples of Each Species of Vegetation Sampled at Each Depth Interval on Each Soil Type from Back Bay Transect Survey, November 8, 1960.

	Depth (inches)											
Species-Soil	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77	Total
Sago-Sand			46.09		46.94	Trace	15.85		4.3			34.66
Silt							27.35	Trace				13.68
Celery-Sand			0.98	7.20	3.57	15.61	13.85					8.60
Silt			Trace	11.50	8.71	12.02	28.56	16.78	24.87	8.29	Trace	17.72
Loam			5.91	19.44	40.90		6.48	3.83				32.39
Clay					2.88							3.45
Redhead-Sand			24.48		14.82	15.56	15.85					17.07
Silt			71.77	37.45	22.33	8.65	Trace		Trace			31.75
Loam			63.60	72.00	20.28							34.01
Clay					8.88							8.88
Chara-Sand			14.16	9.35	Trace	2.15						10.59
Silt									3.38			3.38
Loam							3.60					3.60
Clay								2.15				2.15
Nitella-Sand	Trace		17.51	39.85	6.17	8.76						14.39
Silt								Trace	5.93			3.95
Loam			Trace	10.80	3.25							5.62
Clay								Trace				Trace
Peat						Trace						Trace
Najas-Sand			10.06	Trace	12.41	50.06	44.72		23.28			25.00
Silt			65.03	32.65	184.60	150.65	156.48	33.62	57.13	52.70	Trace	74.59
Loam			72.23	29.52	73.86		35.14					59.34
Clay					92.18			54.25				69.42
Peat						7.20						7.20
Widgeon-Sand			39.48	18.72	64.03	5.76						38.38
Silt						0.35						0.70

Table _____. (continued) Average Volume (cc.) Per Square Foot of Occupied Samples of Each Species of Vegetation at Each Depth Interval on Each Soil Type from Back Bay Transect Survey, November 8, 1960.

	Depth (inches)											
Species-Soil	12-17	18-23	24-29	30-35	36-41	42-47	48-53	54-59	60-65	66-71	72-77	Total
Sagittaria-Silt									Trace			Trace
Loam					13.32							13.32
Clay					7.92							7.92
Eleocharis-Silt				43.67								43.67
Loam				34.20	20.15		25.20					22.70
Clay					13.43			15.85				14.04
Coontail-Loam				0.38								0.38
Total Vegetation:												
Sand	Trace		71.15	40.32	57.60	62.10	54.40		24.00			55.82
Silt			136.80	117.60	194.40	162.00	181.60	46.52	72.00	54.36	Trace	89.68
Loam			175.20	81.60	133.60		57.60					117.75
Clay					93.60			64.80				79.20
Peat						7.2						7.2
No. Samples-Sand	3		18	6	21	16	9		6			79
Silt			3	3	9	4	9	18	30	42	21	139
Loam			3	6	18		6					33
Clay					9			3				12
Peat						1						1
Total:	3	0	24	15	57	21	24	21	36	42	21	264

Table_____. Number of One-Half Square Foot Samples Taken at Each Water Depth on Each Soil Type on the August 1960 Master Survey of Section A Currituck Sound, N.C.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat	Total
1-2	-	-	-	-	-	-	-	0
2-3	6	3	46	-	-	-	-	55
3-4	17	2	111	-	-	-	-	130
4-5	19	11	131	-	2	-	-	163
5-6	34	23	123	-	2	-	-	182
6-7	11	12	141	-	1	-	-	165
7-8	33	7	132	-	6	-	-	178
8-9	22	-	178	-	11	-	-	211
9-10	21	2	136	-	9	-	-	168
10-11	24	-	91	-	4	1	-	120
11-12	11	-	17	-	1	4	-	33
12-13	-	-	2	-	-	-	-	2
13-14	-	-	-	-	-	-	-	0
14-15	-	-	-	-	-	-	-	0
15-16	-	-	-	-	-	-	-	0
Total:	198	60	1108	0	36	5	0	1407

Table_____. Number of One-Half Square Foot Samples Taken at Each Water Depth on Each Soil Type on the August 1960 Master Survey of Section B Currituck Sound, N. C.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat	Total
1-2	-	-	2	-	-	-	-	2
2-3	27	18	77	1	-	2	-	125
3-4	70	61	187	-	2	3	-	323
4-5	108	53	171	-	8	3	-	343
5-6	57	28	120	8	6	-	-	219
6-7	74	18	123	3	11	-	-	229
7-8	75	21	154	-	12	-	-	262
8-9	62	27	56	9	1	-	-	155
9-10	23	18	2	1	-	-	-	44
10-11	-	3	2	-	-	-	-	5
11-12	-	-	-	-	-	-	-	0
12-13	1	2	-	-	-	-	-	3
13-14	-	1	-	-	-	-	-	1
14-15	-	-	-	-	-	-	-	0
15-16	-	-	1	-	-	-	-	1
Total:	497	250	895	22	40	8	0	1712

Table_____. Number of One-Half Square Foot Samples Taken at Each Water Depth on Each Soil Type on the August 1960 Master Survey of Section C Currituck Sound, N. C.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat	Total
1-2	3	2	15	-	-	2	-	22
2-3	23	28	235	-	-	1	2	289
3-4	35	60	370	9	-	5	5	484
4-5	47	38	158	6	2	2	3	256
5-6	59	29	147	26	5	4	2	272
6-7	79	23	158	44	3	2	1	310
7-8	195	1	176	12	6	1	-	391
8-9	296	1	53	25	37	2	-	414
9-10	5	2	5	-	2	-	-	14
10-11	-	-	-	-	-	-	-	0
11-12	1	-	1	-	-	-	-	2
12-13	3	-	-	-	1	-	-	4
13-14	2	-	-	-	-	-	-	2
14-15	1	-	-	-	-	-	-	1
15-16	-	-	-	-	-	-	-	0
Total:	749	184	1318	122	56	19	13	2461

Table_____. Number of One-Half Square Foot Samples Taken at Each Water Depth on the August 1960 Master Survey of Section D Back Bay, Va.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat	Total
1-2	2	2	5	-	-	-	-	9
2-3	10	5	38	2	1	1	-	57
3-4	46	34	118	6	-	8	13	225
4-5	32	86	83	5	-	9	7	222
5-6	29	173	44	10	-	9	7	272
6-7	26	444	7	2	1	1	-	481
7-8	6	224	-	1	-	-	-	232
8-9	-	3	-	-	-	-	-	3
9-10	1	-	-	-	-	-	1	2
10-11	-	1	-	-	-	-	-	1
11-12	-	-	-	-	-	-	-	0
12-13	-	-	-	-	-	-	-	0
13-14	-	-	-	-	-	1	-	1
14-15	-	-	-	-	-	-	-	0
15-16	-	-	-	-	-	-	-	0
Total:	152	972	295	26	2	30	28	1505

Table_____. Number of One-Half Square Foot Samples Taken at Each Water Depth on Each Soil Type on the August 1960 Master Survey of Back Bay and Currituck Sound, N.C.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat	Total
1-2	5	4	22	-	-	2	-	33
2-3	66	54	396	3	1	4	2	526
3-4	168	157	786	15	2	16	18	1162
4-5	206	188	543	11	12	14	10	984
5-6	179	253	434	44	13	13	9	945
6-7	190	497	429	49	16	3	1	1185
7-8	309	253	462	13	24	2	-	1063
8-9	380	31	287	34	49	2	-	783
9-10	50	22	143	1	11	-	1	228
10-11	24	4	93	-	4	1	-	126
11-12	12	-	18	-	1	4	-	35
12-13	4	2	2	-	1	-	-	9
13-14	2	1	-	-	-	1	-	4
14-15	1	-	-	-	-	-	-	1
15-16	-	-	1	-	-	-	-	1
Total:	1596	1466	3616	170	134	62	41	7085

Table_____. Percentage Frequencies of Occurrence of Samples Without Vegetation at Each One-Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section A

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	0	13.0	-	-	-	-
3-4	5.9	0	25.2	-	-	-	-
4-5	5.3	18.2	24.4	-	50.0	-	-
5-6	8.8	0	34.1	-	0	-	-
6-7	9.1	0	46.8	-	0	-	-
7-8	18.2	14.3	62.1	-	50.0	-	-
8-9	22.7	-	64.6	-	90.9	-	-
9-10	57.1	50.0	77.9	-	100.0	-	-
10-11	91.7	-	85.7	-	100.0	100.0	-
11-12	100.0	-	100.0	-	100.0	100.0	-
12-13	-	-	100.0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence of Samples Without Vegetation at Each One-Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound N.C.

Section B

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	50.0	-	-	-	-
2-3	0	0	23.4	0	-	50.0	-
3-4	0	0	7.5	-	0	0	-
4-5	0.9	0	8.2	-	25.0	0	-
5-6	0	3.6	4.2	62.5	33.3	-	-
6-7	6.8	0	5.7	66.7	63.6	-	-
7-8	2.7	0	0.6	-	50.0	-	-
8-9	14.5	25.9	3.6	22.2	0	-	-
9-10	34.8	38.9	50.0	0	-	-	-
10-11	-	100.0	100.0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	100.0	100.0	-	-	-	-	-
13-14	-	100.0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	100.0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence of Samples Without Vegetation at Each One-Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	13.3	-	-	100.0	-
2-3	0	0	2.6	-	-	100.0	50.0
3-4	2.9	0	4.6	33.3	-	100.0	100.0
4-5	14.9	7.9	24.7	33.3	0	100.0	100.0
5-6	6.8	24.1	44.9	69.2	0	100.0	100.0
6-7	45.6	73.9	69.6	43.2	66.7	100.0	100.0
7-8	87.7	100.0	86.4	100.0	100.0	100.0	-
8-9	94.6	100.0	100.0	100.0	100.0	100.0	-
9-10	100.0	100.0	100.0	-	100.0	-	-
10-11	-	-	-	-	-	-	-
11-12	100.0	-	100.0	-	-	-	-
12-13	100.0	-	-	-	100.0	-	-
13-14	100.0	-	-	-	-	-	-
14-15	100.0	-	-	-	-	-	-
15-16							

Table_____. Percentage Frequencies of Occurrence of Samples Without Vegetation at Each One-Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va.

Section D

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	40.0	-	-	-	-
2-3	0	0	10.5	0	100.0	0	-
3-4	4.3	5.9	24.6	0	0	50.0	84.6
4-5	28.1	11.6	25.3	20.0	0	33.3	85.7
5-6	34.5	33.5	29.5	40.0	-	66.7	57.1
6-7	61.5	51.4	71.4	-	100.0	0	-
7-8	100.0	86.6	-	100.0	-	100.0	-
8-9	-	100.0	-	-	-	-	-
9-10	100.0	-	-	-	-	-	100.0
10-11	-	100.0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-
14-15							
15-16							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Samples Without Vegetation

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	22.7	-	-	100.0	-
2-3	0	0	8.6	0	100.0	50.0	50.0
3-4	2.4	1.3	11.2	20.0	0	56.3	88.9
4-5	8.7	8.0	19.5	27.3	25.0	35.7	90.0
5-6	9.5	26.1	29.0	61.4	15.4	76.9	66.7
6-7	30.5	49.3	43.8	42.9	62.5	66.7	100.0
7-8	59.9	77.5	50.9	100.0	62.5	100.0	-
8-9	77.4	35.5	59.2	79.4	95.9	100.0	-
9-10	52.0	45.5	78.3	0	100.0	-	100.0
10-11	91.7	100.0	86.0	-	100.0	100.0	-
11-12	100.0	-	100.0	-	100.0	100.0	-
12-13	100.0	100.0	100.0	-	100.0	-	-
13-14	100.0	100.0	-	-	-	0	-
14-15	100.0	-	-	-	-	-	-
15-16	-	-	100.0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Sago Pondweed

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	66.7	4.3	-	-	-	-
3-4	5.9	0	9.9	-	-	-	-
4-5	47.4	36.4	17.6	-	0	-	-
5-6	35.3	30.4	17.1	-	50.0	-	-
6-7	18.2	8.3	2.8	-	0	-	-
7-8	0	28.6	2.3	-	0	-	-
8-9	0	-	1.7	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Sago Pondweed

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	48.1	38.9	15.6	0	-	50.0	-
3-4	47.1	55.7	41.2	-	50.0	33.3	-
4-5	42.6	56.6	34.5	-	25.0	33.3	
5-6	43.9	39.3	31.7	0	0	-	-
6-7	16.2	22.2	14.6	33.3	0	-	-
7-8	4.0	14.3	9.1	-	0	-	-
8-9	1.6	0	7.1	0	100.0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Sago pondweed

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	13.0	3.6	16.2	-	-	0	0
3-4	22.9	26.7	27.6	0	-	0	0
4-5	17.0	10.5	14.6	0	50.0	0	0
5-6	8.5	0	2.7	0	20.0	0	0
6-7	2.5	4.3	3.2	13.6	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table _____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section D - Sago Pondweed

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	0	0	0	0	0	-
3-4	2.2	2.9	2.5	0	-	0	0
4-5	6.3	8.1	12.0	0	-	11.1	14.3
5-6	0	5.8	11.4	0	-	0	0
6-7	0	5.2	0	0	0	100.0	-
7-8	0	0.9	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N.C.

Sago Pondweed

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	24.2	18.5	13.1	0	0	25.0	0
3-4	25.6	32.5	24.6	0	50.0	11.1	0
4-5	31.6	23.9	21.2	0	25.0	14.3	10.0
5-6	23.5	11.1	15.7	0	15.4	0	0
6-7	8.4	5.8	6.3	14.3	0	33.3	0
7-8	1.0	2.8	3.7	0	0	0	-
8-9	0.3	0	2.4	0	2.0	0	-
9-10	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	-	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Wild Celery

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	50.0	100.0	43.5	-	-	-	-
3-4	70.6	100.0	38.7	-	-	-	-
4-5	57.9	54.5	45.0	-	0	-	-
5-6	50.0	73.9	32.5	-	50.0	-	-
6-7	18.2	50.0	12.1	-	0	-	-
7-8	6.1	57.1	7.6	-	0	-	-
8-9	0	-	3.4	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	4.2	-	1.1	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Wild Celery

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	85.2	77.8	40.3	0	-	0	-
3-4	75.7	77.0	60.4	-	0	33.3	-
4-5	73.1	60.4	73.7	-	25.0	66.7	-
5-6	61.4	60.7	83.3	12.5	16.7	-	-
6-7	36.5	66.7	72.4	0	9.1	-	-
7-8	49.3	66.7	63.0	-	16.7	-	-
8-9	24.2	22.2	33.9	0	100.0	-	-
9-10	4.3	5.6	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Wild Celery

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	66.7	100.0	60.0	-	-	0	-
2-3	60.9	53.6	74.9	-	-	0	50.0
3-4	82.9	83.3	85.1	33.3	-	0	0
4-5	72.3	78.9	67.7	50.0	100.0	0	0
5-6	69.5	48.3	44.2	23.1	40.0	0	0
6-7	15.2	8.7	18.4	25.0	0	0	0
7-8	5.6	0	4.5	0	0	0	-
8-9	1.4	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table _____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section D - Wild Celery

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	100.0	100.0	60.0	-	-	-	-
2-3	60.0	100.0	71.1	100.0	0	100.0	-
3-4	65.2	67.6	66.1	83.3	-	25.0	7.7
4-5	62.5	72.1	57.8	40.0	-	66.7	0
5-6	58.6	40.5	34.1	30.0	-	22.2	42.9
6-7	30.8	16.2	28.6	0	0	0	-
7-8	0	0.4	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Wild Celery

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	80.0	100.0	54.5	-	-	0	-
2-3	69.7	68.5	64.1	66.7	0	25.0	50.0
3-4	73.8	77.7	69.8	53.3	0	33.3	5.6
4-5	69.9	69.1	62.6	45.5	33.3	57.1	0
5-6	61.5	46.6	50.7	22.7	30.8	15.4	33.3
6-7	25.8	18.5	31.9	22.4	6.3	0	0
7-8	16.2	7.5	24.9	0	8.3	0	-
8-9	5.0	19.4	8.7	0	2.0	0	-
9-10	2.0	4.5	0	0	0	0	0
10-11	4.2	0	1.1	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	-	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Redhead Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	50.0	66.7	4.3	-	-	-	-
3-4	35.3	100.0	18.0	-	-	-	-
4-5	36.8	63.6	17.6	-	0	-	-
5-6	14.7	30.4	12.2	-	0	-	-
6-7	9.1	0	2.1	-	0	-	-
7-8	6.1	0	1.5	-	0	-	-
8-9	4.5	-	1.7	-	0	-	-
9-10	0	0	0.7	-	0	-	-
10-11	0	-	1.1	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section [redacted] - Redhead Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	66.7	44.4	14.3	0	-	50.0	-
3-4	38.6	68.9	24.6	-	0	0	-
4-5	38.0	35.8	13.5	-	25.0	0	-
5-6	26.3	39.3	9.2	0	0	-	-
6-7	13.5	22.2	1.6	0	0	-	-
7-8	2.7	9.5	1.9	-	0	-	-
8-9	6.5	0	0	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Redhead Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	50.0	13.3	-	-	0	-
2-3	43.5	50.0	24.3	-	-	0	0
3-4	40.0	70.0	37.3	22.2	-	0	0
4-5	38.3	50.0	25.9	50.0	0	0	0
5-6	13.6	3.4	3.4	0	20.0	0	0
6-7	5.1	4.3	0.6	0	0	0	0
7-8	1.5	0	0.6	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section D - Redhead Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	10.0	0	5.3	50.0	0	0	-
3-4	19.6	41.2	6.8	50.0	-	0	0
4-5	25.0	10.5	19.3	0	-	11.1	0
5-6	10.3	3.5	6.8	0	-	0	0
6-7	0	0	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Redhead Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	25.0	9.1	-	-	0	-
2-3	48.5	44.4	18.2	33.3	0	25.0	0
3-4	33.3	63.7	27.0	33.3	0	0	0
4-5	35.9	28.7	19.0	27.3	16.7	7.1	0
5-6	17.3	9.9	7.8	0	7.7	0	0
6-7	7.9	1.0	1.4	0	0	0	0
7-8	2.3	0.8	1.3	0	0	0	-
8-9	1.3	0	1.0	0	0	0	-
9-10	0	0	0.7	0	0	-	0
10-11	0	0	1.1	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	-	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Najas

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	100.0	100.0	26.1	-	-	-	-
3-4	82.4	100.0	41.4	-	-	-	-
4-5	89.5	81.8	45.0	-	50.0	-	-
5-6	91.2	100.0	45.5	-	100.0	-	-
6-7	81.8	83.3	43.3	-	0	-	-
7-8	78.8	85.7	31.1	-	33.3	-	-
8-9	77.3	-	33.1	-	9.1	-	-
9-10	42.9	50.0	19.9	-	0	-	-
10-11	4.2	-	12.1	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Najas

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	96.3	100.0	51.9	100.0	-	50.0	-
3-4	97.1	98.4	67.9	-	50.0	100.0	-
4-5	91.7	96.2	73.1	-	62.5	100.0	-
5-6	96.5	92.9	88.3	25.0	50.0	-	-
6-7	93.2	100.0	91.9	0	27.3	-	-
7-8	97.3	100.0	98.7	-	50.0	-	-
8-9	80.6	74.1	96.4	77.8	100.0	-	-
9-10	65.2	55.6	50.0	100.0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Najas

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	100.0	100.0	60.0	-	-	0	-
2-3	91.3	92.9	66.8	-	-	0	50.0
3-4	94.3	96.7	72.7	44.4	-	0	0
4-5	80.9	92.1	58.2	66.7	50.0	0	0
5-6	91.5	75.9	47.6	30.8	100.0	0	0
6-7	51.9	26.1	26.6	56.8	33.3	0	0
7-8	10.8	0	10.2	0	0	0	-
8-9	5.1	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Najas

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	100.0	100.0	40.0	-	-	-	-
2-3	100.0	80.0	26.3	50.0	0	100.0	-
3-4	93.5	91.2	39.0	100.0	-	50.0	0
4-5	71.9	82.6	53.0	60.0	-	55.6	0
5-6	65.5	63.6	68.2	50.0	-	33.0	0
6-7	38.5	48.2	28.6	100.0	0	100.0	-
7-8	0	13.4	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	100.0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Najas sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	100.0	100.0	50.0	-	-	0	-
2-3	95.5	94.4	55.3	66.7	0	50.0	50.0
3-4	94.0	96.2	62.1	66.7	50.0	43.8	0
4-5	85.9	88.3	58.9	63.6	58.3	57.1	0
5-6	88.8	71.5	60.4	34.1	76.9	23.1	0
6-7	67.9	49.9	50.8	55.1	25.0	33.0	0
7-8	38.8	22.5	45.7	0	33.3	0	-
8-9	21.6	64.5	39.4	20.6	4.1	0	-
9-10	48.0	50.0	19.6	100.0	0	-	0
10-11	4.2	0	11.8	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Widgeon Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	66.7	66.7	69.6	-	-	-	-
3-4	41.2	50.0	56.8	-	-	-	-
4-5	52.6	45.5	49.6	-	0	-	-
5-6	52.9	56.5	41.5	-	50.0	-	-
6-7	54.5	66.7	29.1	-	100.0	-	-
7-8	33.3	57.1	10.6	-	33.3	-	-
8-9	9.1	-	5.1	-	9.1	-	-
9-10	4.8	0	2.9	-	0	-	-
10-11	4.2	-	3.3	-	0	0	-
11-12	0	-	0	-	-	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Widgeon Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	11.1	27.8	23.4	0	-	0	-
3-4	22.9	23.0	38.0	-	50.0	66.7	-
4-5	35.2	39.6	57.3	-	50.00	0	-
5-6	57.9	50.0	56.7	0	50.0	-	-
6-7	27.0	22.2	46.3	0	9.1	-	-
7-8	17.3	4.8	14.9	-	0	-	-
8-9	4.8	0	5.4	0	0	-	-
9-10	0	11.1	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Widgeon Grass

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	13.3	-	-	0	-
2-3	17.4	14.3	48.5	-	-	0	0
3-4	25.7	41.7	56.2	11.1	-	0	0
4-5	14.9	18.4	27.2	0	0	0	0
5-6	15.3	3.4	12.9	0	0	0	0
6-7	5.1	0	1.9	2.3	0	0	0
7-8	0	0	1.1	0	0	0	-
8-9	0	0.7	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Widgeon Grass

Depth in Feet	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	0	7.9	50.0	0	100.0	-
3-4	0	2.9	19.5	0	-	0	7.7
4-5	3.1	3.5	27.7	0	-	0	14.3
5-6	10.3	0	2.3	0	-	0	0
6-7	0	0.2	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Widgeon Grass

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	9.1	-	-	0	-
2-3	16.7	20.4	42.2	33.3	0	25.0	0
3-4	19.0	26.1	46.4	6.7	50.0	12.5	5.6
4-5	27.2	19.1	42.2	0	33.3	0	10.0
5-6	35.2	11.1	32.0	0	30.8	0	0
6-7	15.8	2.6	23.5	2.0	12.5	0	0
7-8	7.8	2.0	8.4	0	8.3	0	-
8-9	0	0	4.2	0	2.0	0	-
9-10	2.0	9.1	2.8	0	0	-	0
10-11	4.2	0	3.2	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Chara

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	33.3	0	6.5	-	-	-	-
3-4	5.9	0	14.4	-	-	-	-
4-5	15.8	0	13.0	-	50.0	-	-
5-6	5.9	0	3.3	-	0	-	-
6-7	9.1	0	0.7	-	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	-	0	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Chara

Depth in Feet	Sominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	50.0	-	-	-	-
2-3	11.1	0	45.5	100.0	-	0	-
3-4	20.0	3.3	48.1	-	100.0	0	-
4-5	36.1	5.7	37.4	-	12.5	0	-
5-6	21.1	7.1	25.0	0	50.0	-	-
6-7	13.5	22.2	22.0	33.3	0	-	-
7-8	12.0	14.3	16.2	-	0	-	-
8-9	1.6	0	1.8	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Chara sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	33.3	0	66.7	-	-	-	-
2-3	13.0	10.7	64.7	-	-	0	50.0
3-4	14.3	3.3	53.0	33.3	-	0	0
4-5	8.5	0	12.0	16.7	100.0	0	0
5-6	11.9	0	10.9	3.8	60.0	0	0
6-7	8.9	0	4.4	20.5	33.3	0	0
7-8	2.6	0	1.1	0	0	0	-
8-9	0.3	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section D - Chara sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	50.0	0	20.0	-	-	-	-
2-3	10.0	40.0	65.8	0	0	0	-
3-4	19.6	14.7	50.8	33.3	-	12.5	7.7
4-5	12.5	2.3	38.6	40.0	-	0	14.3
5-6	3.4	0	6.8	20.0	-	0	14.3
6-7	7.7	0.5	0	0	0	100.0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Chara sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	40.0	0	54.5	-	-	0	-
2-3	13.6	9.3	54.3	33.3	0	0	50.0
3-4	17.3	5.7	46.1	33.3	100.0	11.1	5.6
4-5	24.3	2.7	24.3	27.3	33.3	0	10.0
5-6	12.3	0.8	12.2	6.8	46.2	0	11.1
6-7	10.5	1.2	8.2	20.4	6.3	33.3	0
7-8	4.5	1.2	5.8	0	0	0	-
8-9	0.5	0	0.3	0	0	0	-
9-10	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	-	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Nitella

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	33.3	0	2.2	-	-	-	-
3-4	0	0	4.5	-	-	-	-
4-5	0	0	3.1	-	0	-	-
5-6	0	0	1.6	-	0	-	-
6-7	9.1	0	2.8	-	0	-	-
7-8	3.0	0	0	-	0	-	-
8-9	0	-	0	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Nitella

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	0	0	1.3	100.0	-	0	-
3-4	4.3	0	2.7	-	0	0	-
4-5	6.5	0	4.1	-	12.5	0	-
5-6	15.8	0	5.8	0	0	-	-
6-7	13.5	22.2	7.3	0	0	-	-
7-8	9.3	9.5	4.5	-	0	-	-
8-9	0	0	3.6	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Nitella

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	33.3	0	80.0	-	-	0	-
2-3	4.3	3.6	49.4	-	-	0	0
3-4	5.7	6.7	28.4	22.2	-	0	0
4-5	2.1	0	3.8	0	0	0	-
5-6	3.4	3.4	5.4	3.8	0	0	0
6-7	2.5	0	2.5	4.5	0	0	0
7-8	0.5	0	0.6	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Nitella

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	20.0	-	-	-	-
2-3	10.0	20.0	18.4	0	0	0	-
3-4	2.2	2.9	30.5	50.0	-	0	7.7
4-5	3.1	0	21.7	0	-	0	14.3
5-6	3.4	0	4.5	20.0	-	0	0
6-7	0	0	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Nitella sp.

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	20.0	0	59.1	-	-	0	-
2-3	6.1	3.7	31.6	33.3	0	0	0
3-4	3.6	3.2	19.2	33.3	0	0	5.6
4-5	4.4	0	6.4	0	8.3	0	10.0
5-6	6.7	0.4	4.4	6.8	0	0	0
6-7	6.8	0.8	4.0	4.1	0	0	0
7-8	2.9	0.8	1.7	0	0	0	-
8-9	0	0	0.7	0	0	0	-
9-10	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	-	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Eleocharis parvula

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	0	0	-	-	-	-
3-4	0	0	0	-	-	-	-
4-5	0	0	0	-	0	-	-
5-6	0	0	0	-	0	-	-
6-7	0	0	0	-	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	-	0	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered o n the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Eleocharis parvula

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	3.7	0	1.3	0	-	0	-
3-4	2.9	3.3	3.7	-	0	0	-
4-5	5.6	0	4.1	-	0	0	-
5-6	1.8	0	4.2	0	0	-	-
6-7	0	0	0	0	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	0	0	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Eleocharis parvula

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	0	0	3.0	-	-	0	0
3-4	17.1	5.0	8.4	11.1	-	0	0
4-5	8.5	5.3	5.7	16.7	0	0	0
5-6	13.6	0	4.1	7.7	0	0	0
6-7	0	0	0	4.5	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Eleocharis parvula

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	0	2.6	50.0	0	0	-
3-4	10.9	0	5.9	33.3	-	12.5	0
4-5	25.0	2.3	4.8	40.0	-	22.2	0
5-6	13.8	1.2	2.3	20.0	-	0	14.3
6-7	3.8	0.5	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Eleocharis parvula

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	1.5	0	2.3	33.3	0	0	0
3-4	7.7	3.2	5.7	20.0	0	11.1	0
4-5	8.7	2.1	3.7	27.3	0	14.3	0
5-6	7.3	0.8	2.8	9.1	0	0	11.1
6-7	0.5	0.4	0	4.1	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	0	0	-	0
10-11	0	0	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Sagittaria subulata

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	0	0	-	-	-	-
3-4	0	0	0	-	-	-	-
4-5	0	0	0	-	0	-	-
5-6	0	0	0	-	0	-	-
6-7	0	0	0	-	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	-	0	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table___. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Sagittaria subulata

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	11.1	0	0	100.0	-	0	-
3-4	4.3	1.6	0.5	-	0	0	-
4-5	2.8	1.9	0.6	-	0	0	-
5-6	0	0	1.7	0	0	-	-
6-7	0	0	0	0	0	-	-
7-8	1.3	0	0	-	0	-	-
8-9	0	0	0	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section C - Sagittaria subulata

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	0	7.1	3.4	-	-	0	0
3-4	20.0	5.0	4.9	0	-	0	0
4-5	8.5	2.6	3.2	33.3	0	0	0
5-6	10.2	0	3.4	0	0	0	0
6-7	0	0	0	0	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Sagittaria subulata

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	20.0	2.6	50.0	0	0	-
3-4	10.9	5.9	0	0	-	0	0
4-5	6.3	2.3	4.8	0	-	11.1	0
5-6	6.9	1.7	0	0	-	11.1	0
6-7	3.8	0	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Sagittaria subulata

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	4.5	5.6	2.3	66.7	0	0	0
3-4	8.9	3.8	2.4	0	0	0	0
4-5	4.4	2.1	1.8	18.2	0	7.1	0
5-6	4.5	1.2	1.6	0	0	7.7	0
6-7	0.5	0	0	0	0	0	0
7-8	0.3	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	0	0	-	0
10-11	0	0	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Anacharis sp.

Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	0	0	-	-	-	-
3-4	0	0	0	-	-	-	-
4-5	0	0	0	-	0	-	-
5-6	0	0	0	-	0	-	-
6-7	0	0	0	-	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	-	0	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - *Anacharis* sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	0	0	0	0	-	0	-
3-4	0	0	0	-	0	0	-
4-5	0	0	0	-	0	0	-
5-6	0	0	0	0	0	-	-
6-7	0	0	0	0	0	-	-
7-8	0	0	0	-	0	-	-
8-9	0	0	0	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Anacharis sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	0	0	0	-	-	0	0
3-4	0	5.0	0	0	-	0	0
4-5	4.3	2.6	0	0	0	0	0
5-6	0	0	0	0	0	0	0
6-7	0	0	0	0	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section D - Anacharis sp.

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	0	0	0	0	0	-
3-4	2.2	0	0	50.0	-	0	0
4-5	0	0	0	0	-	0	0
5-6	0	0	0	0	-	0	0
6-7	0	0	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	0	-

Table_____. Percentage Frequencies of Occurrence at Each one Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

	Anacharis sp.						
Depth in Feet	Dominant Surface Soil Type:						
	Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	0	0	0	0	0	0	0
3-4	0.6	1.9	0	20.0	0	0	0
4-5	1.0	0.5	0	0	0	0	0
5-6	0	0	0	0	0	0	0
6-7	0	0	0	0	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	0	0	-	0
10-11	0	0	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section A - Potamogeton berchtoldii

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	-	-	-	-	-
2-3	0	0	0	-	-	-	-
3-4	11.8	0	0.9	-	-	-	-
4-5	0	9.1	0	-	0	-	-
5-6	8.8	0	0	-	0	-	-
6-7	9.1	0	0.7	-	0	-	-
7-8	3.0	0	0.8	-	0	-	-
8-9	0	-	1.7	-	0	-	-
9-10	0	0	0	-	0	-	-
10-11	0	-	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	-	-	0	-	-	-	-
13-14							

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section B - Potamogeton berchtoldi

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	-	-	0	-	-	-	-
2-3	11.1	16.7	2.6	0	-	0	-
3-4	10.0	8.2	1.6	-	0	0	-
4-5	0	0	0.6	-	0	0	-
5-6	0	0	0	0	0	-	-
6-7	1.4	0	0.8	0	0	-	-
7-8	6.7	0	1.3	-	0	-	-
8-9	0	3.7	0	0	0	-	-
9-10	0	0	0	0	-	-	-
10-11	-	0	0	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	0	0	-	-	-	-	-
13-14	-	0	-	-	-	-	-
14-15	-	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N. C.

Section C - Potamogeton berchtoldi

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	4.3	0	0.9	-	-	0	0
3-4	2.9	0	0.3	0	-	0	0
4-5	0	0	0	0	0	0	0
5-6	0	0	0	0	0	0	0
6-7	0	0	0	0	0	0	0
7-8	0	0	0	0	0	0	-
8-9	0	0	0	0	0	0	-
9-10	0	0	0	-	0	-	-
10-11	-	-	-	-	-	-	-
11-12	0	-	0	-	-	-	-
12-13	0	-	-	-	0	-	-
13-14	0	-	-	-	-	-	-
14-15	0	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrences at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Currituck Sound, N.C.

Section D - Potamogeton berchtoldi

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	-	-
2-3	0	0	2.6	0	0	0	-
3-4	0	2.9	0	0	-	0	0
4-5	0	0	0	0	-	0	0
5-6	0	0	0	0	-	0	0
6-7	0	0	0	0	0	0	-
7-8	0	0	-	0	-	0	-
8-9	-	0	-	-	-	-	-
9-10	0	-	-	-	-	-	0
10-11	-	0	-	-	-	-	-
11-12	-	-	-	-	-	-	-
12-13	-	-	-	-	-	-	-
13-14	-	-	-	-	-	-	-

Table_____. Percentage Frequencies of Occurrence at Each One Foot Depth Interval on Each Soil Type Encountered on the August 1960 Master Survey of Back Bay, Va. and Currituck Sound, N. C.

Potamogeton berchtoldii

Depth in Feet	Dominant Surface Soil Type: Loam	Silt	Sand	Clay	Shell	Muck	Peat
1-2	0	0	0	-	-	0	-
2-3	6.1	5.6	1.3	0	0	0	0
3-4	6.0	3.8	0.6	0	0	0	0
4-5	0	0.5	0.1	0	0	0	0
5-6	1.7	0	0	0	0	0	0
6-7	1.1	0	0.5	0	0	0	0
7-8	1.9	0	0.6	0	0	0	-
8-9	0	3.2	1.0	0	0	0	-
9-10	0	0	0	0	0	-	0
10-11	0	0	0	-	0	0	-
11-12	0	-	0	-	0	0	-
12-13	0	0	0	-	0	0	-
13-14	0	0	-	-	-	0	-
14-15	0	-	-	-	-	-	-
15-16	-	-	0	-	-	-	-

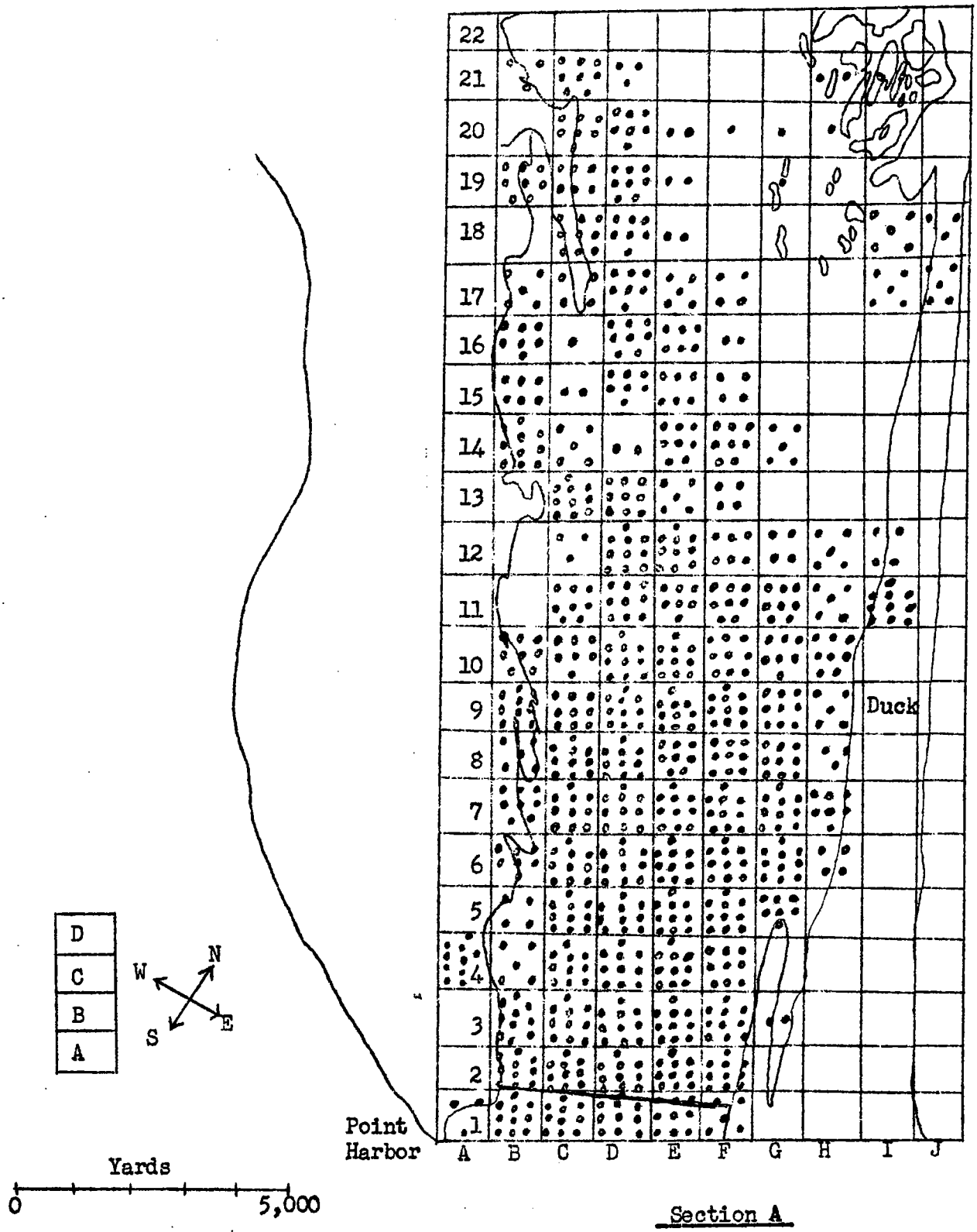

Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1959.

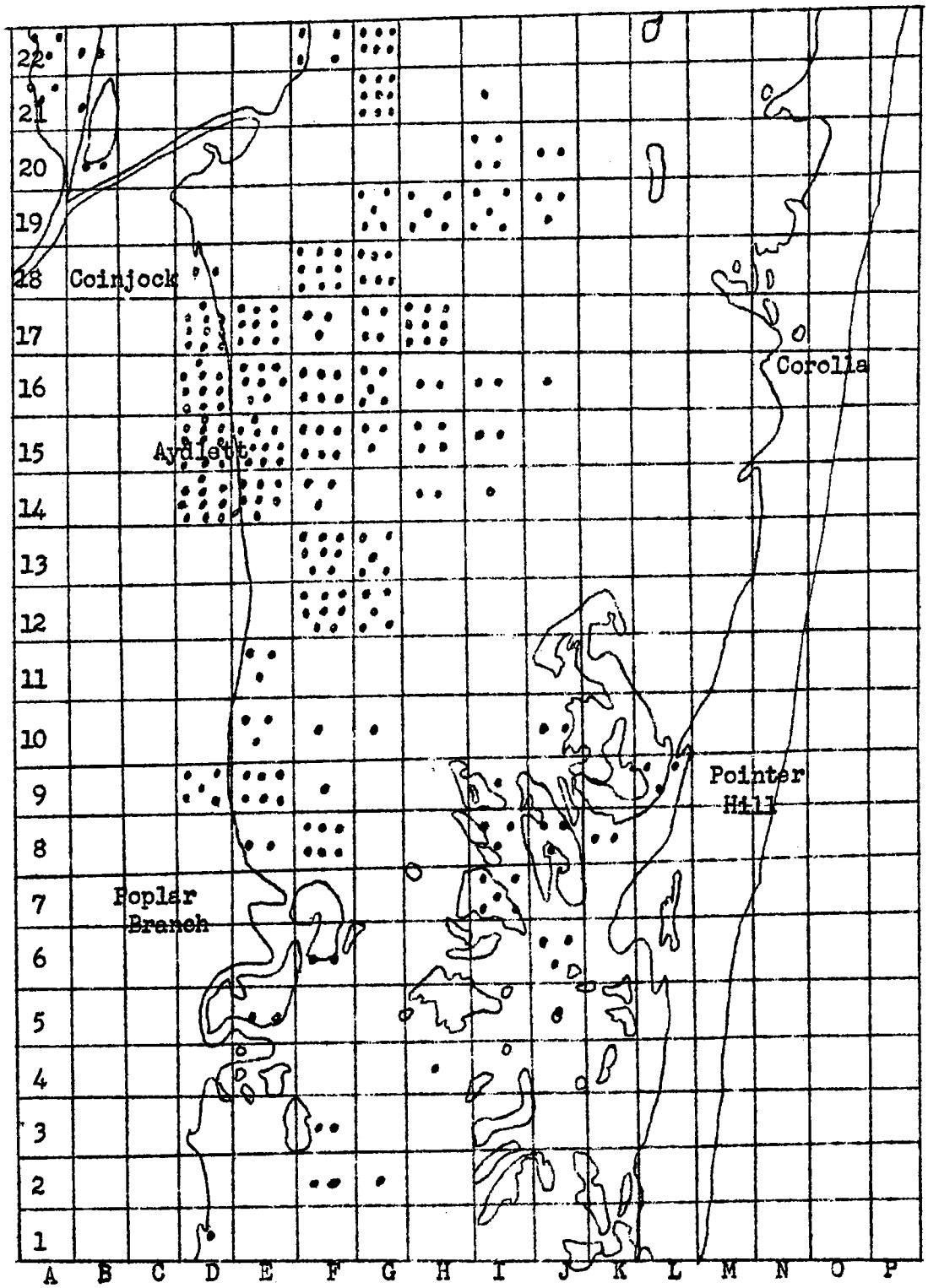

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1959.

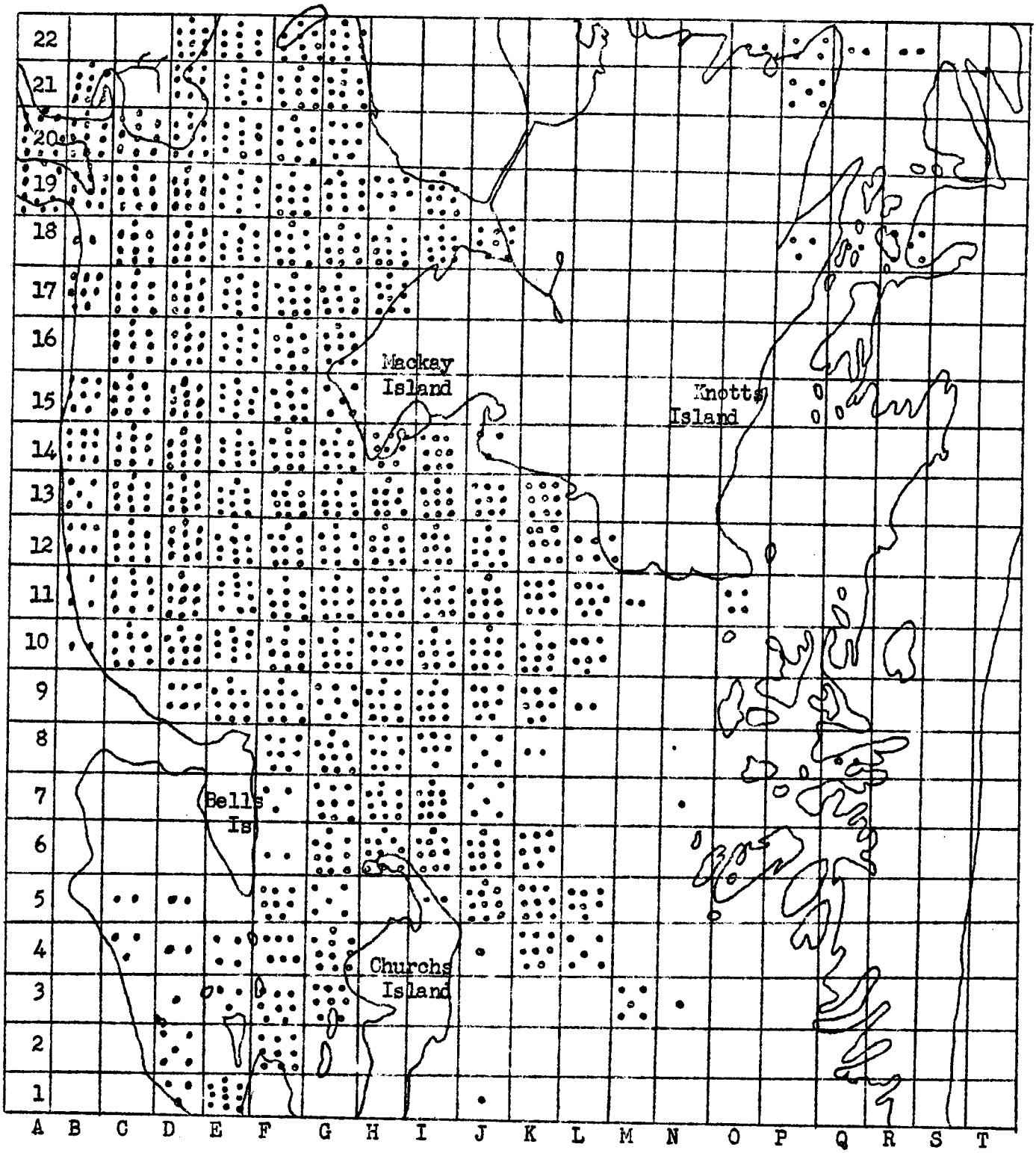

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1959.

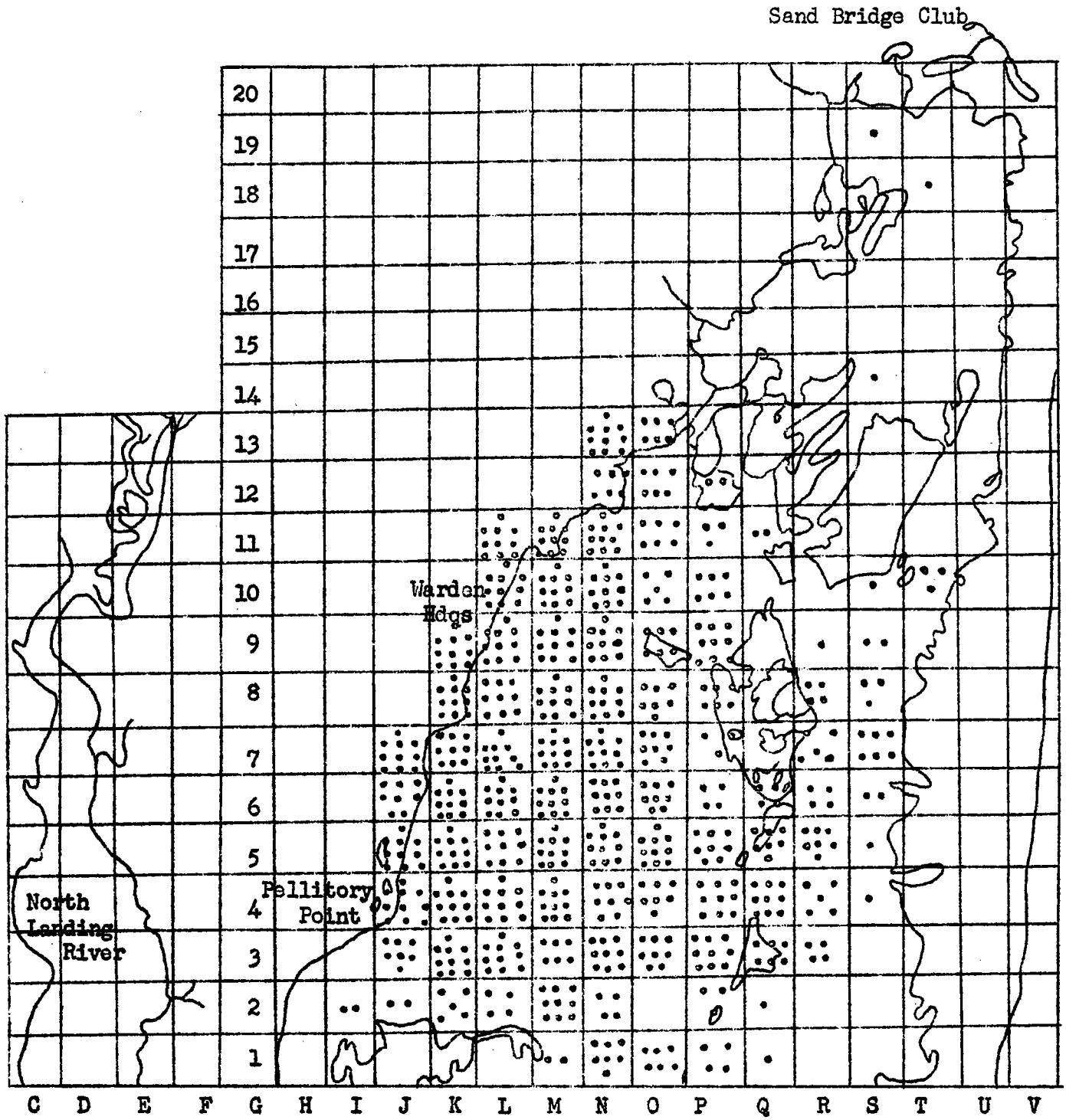

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1959.

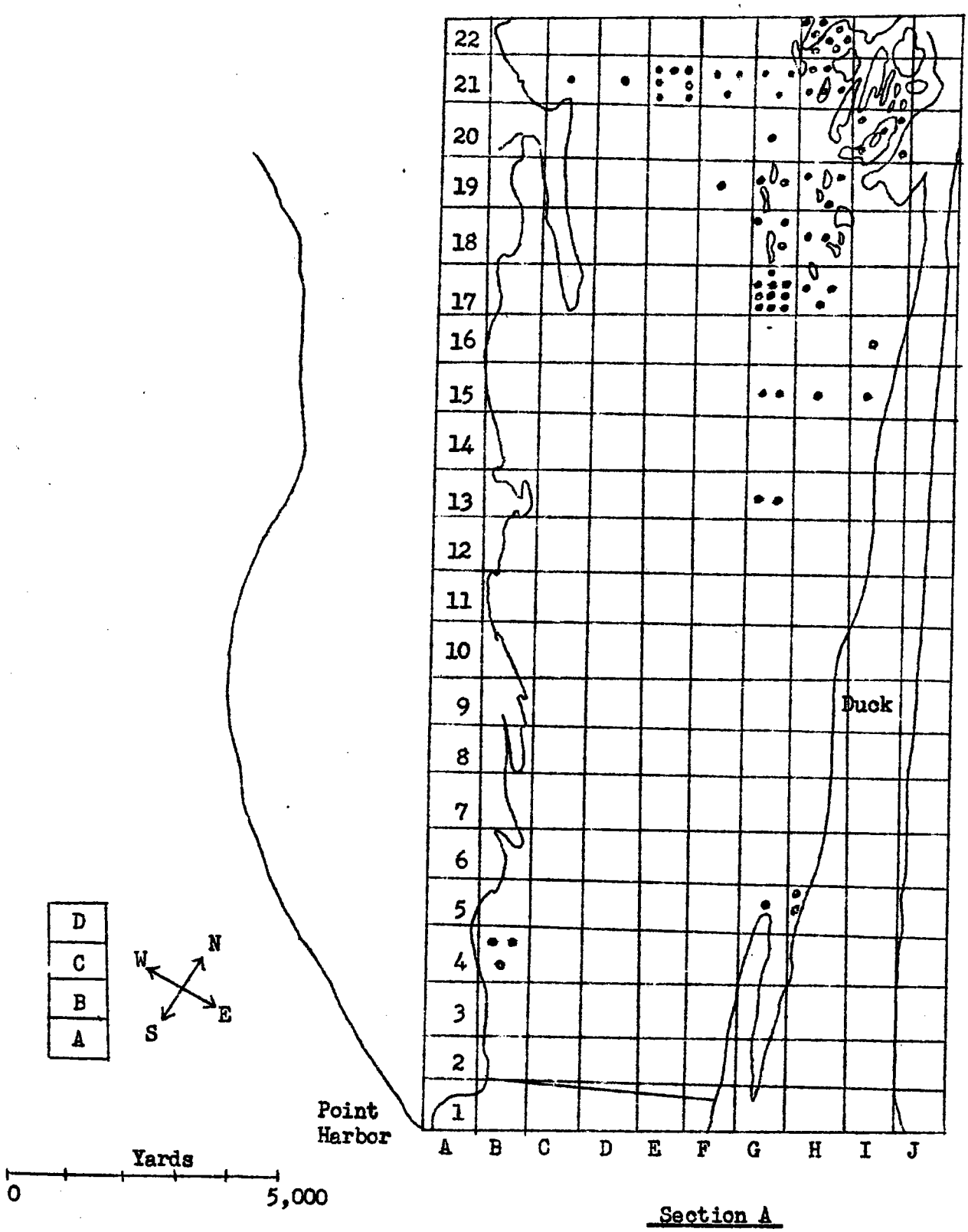

Figure_____. Distribution of Sago Pondweed, Master Survey, August-September, 1959.

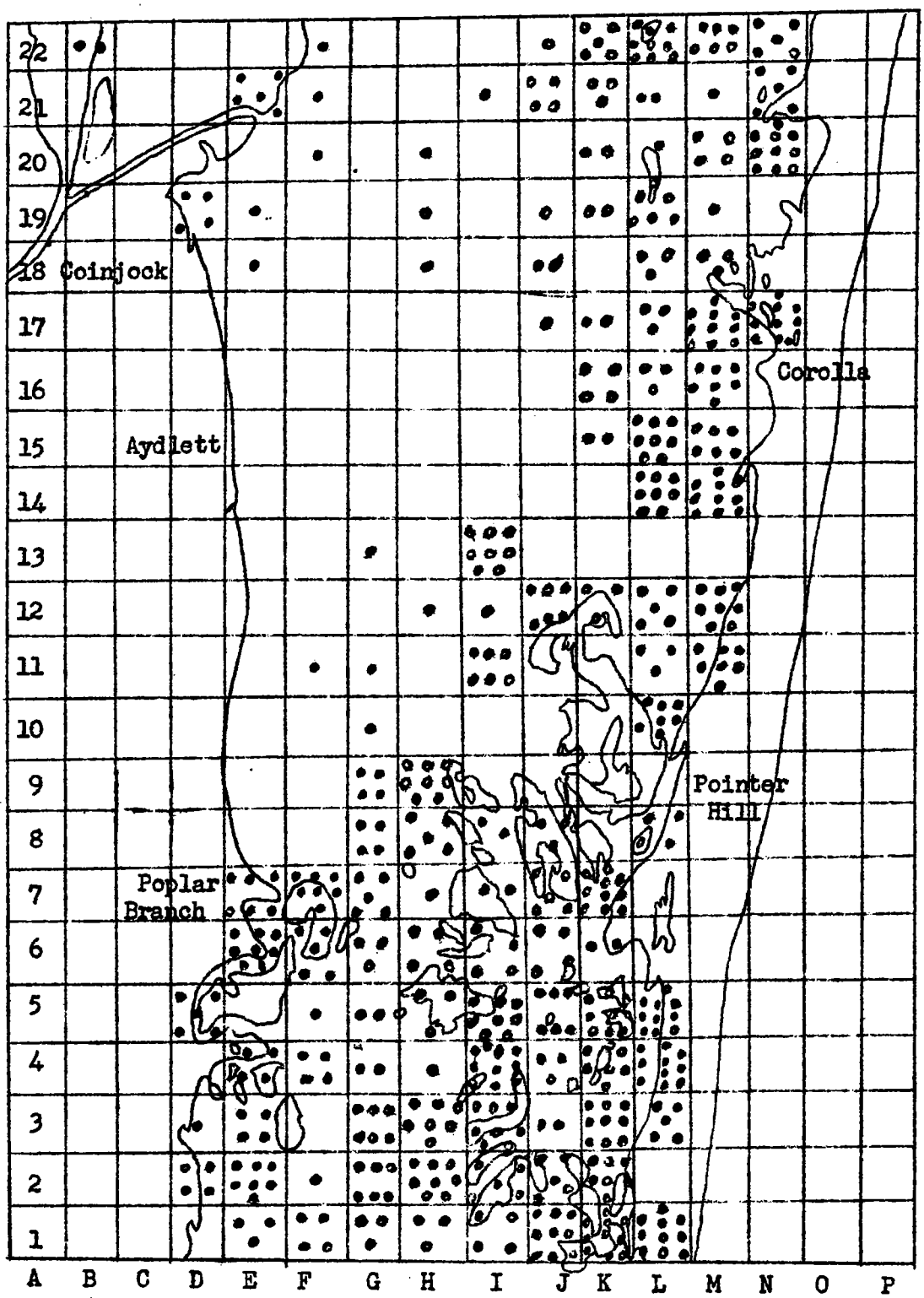

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Figure_____. Distribution of Sago Pondweed, Master Survey, Aug-Sept., 1959.

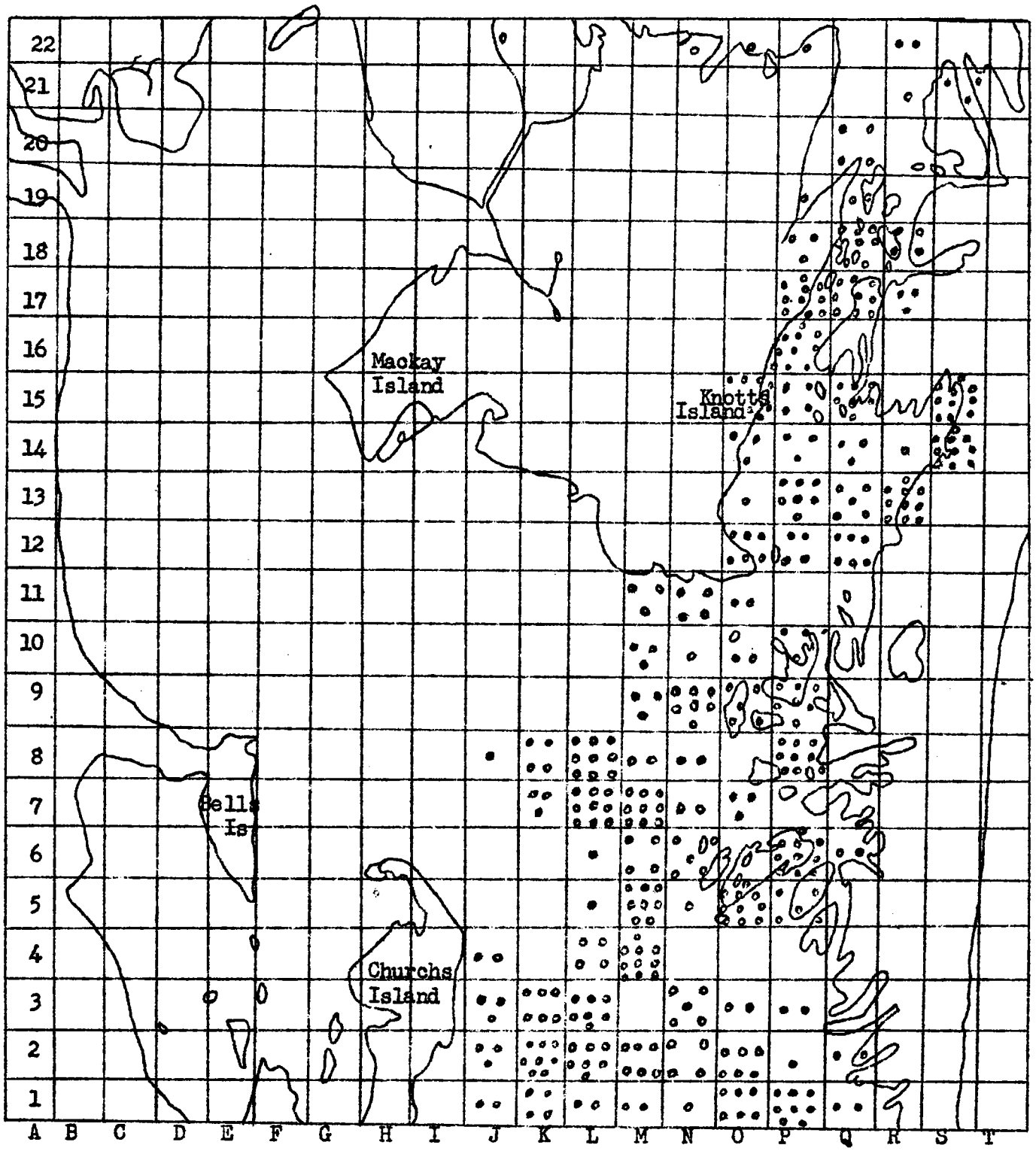

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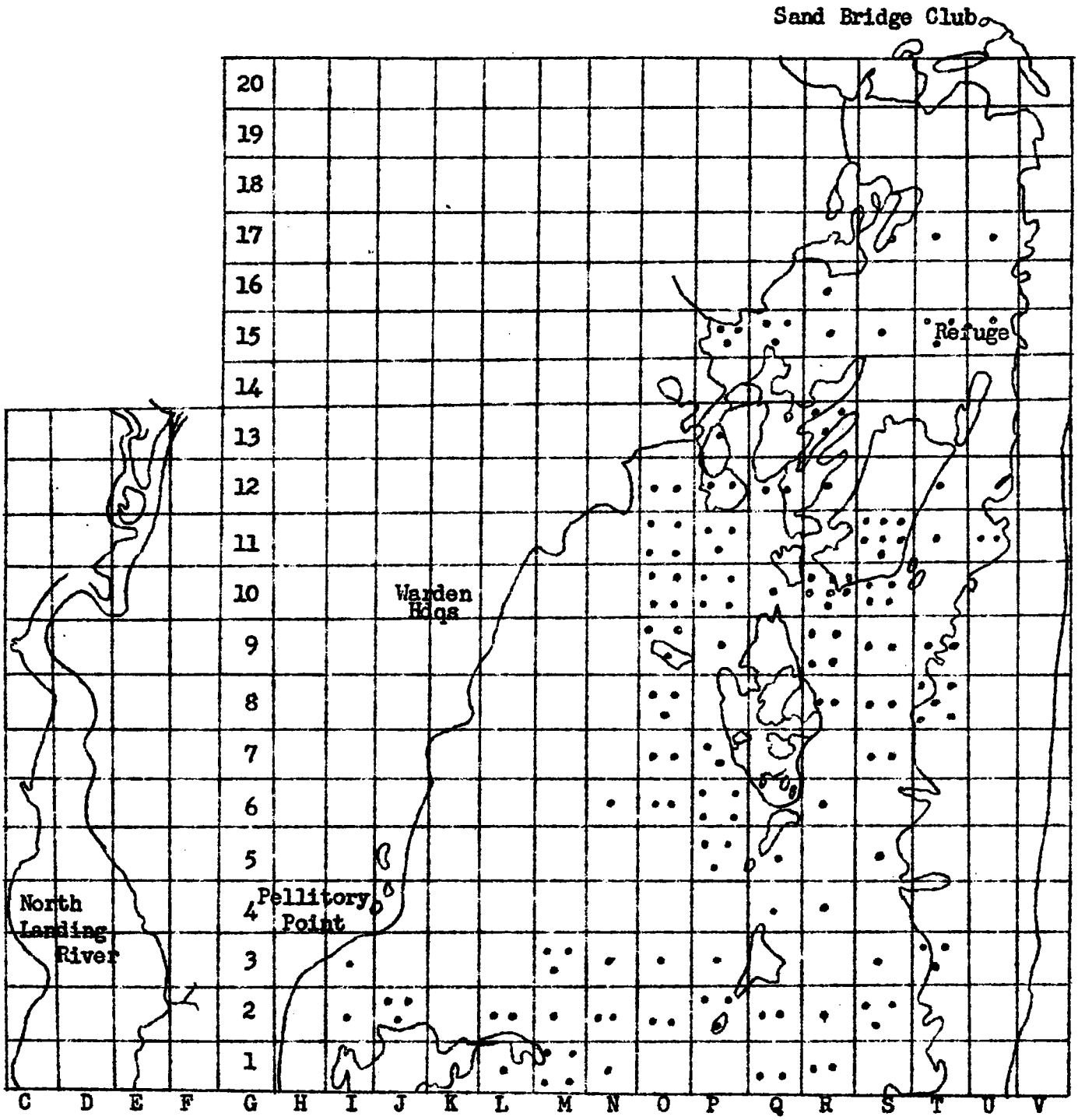
Figure_____. Distribution of Sago Pondweed, Master Survey, August-September, 1959.



Section D

Figure_____. Distribution of Sago pondweed, Master Survey, August-September, 1959.

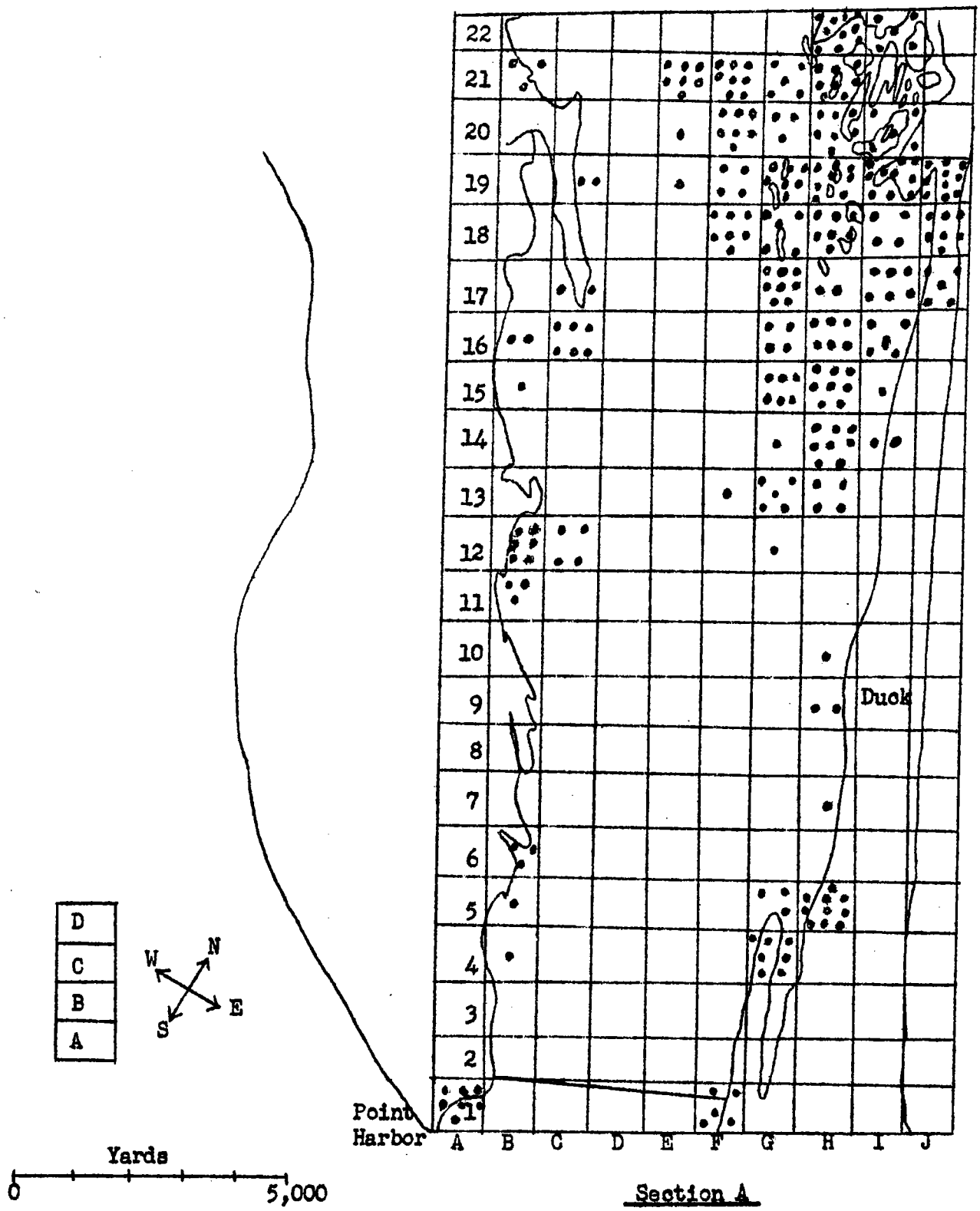
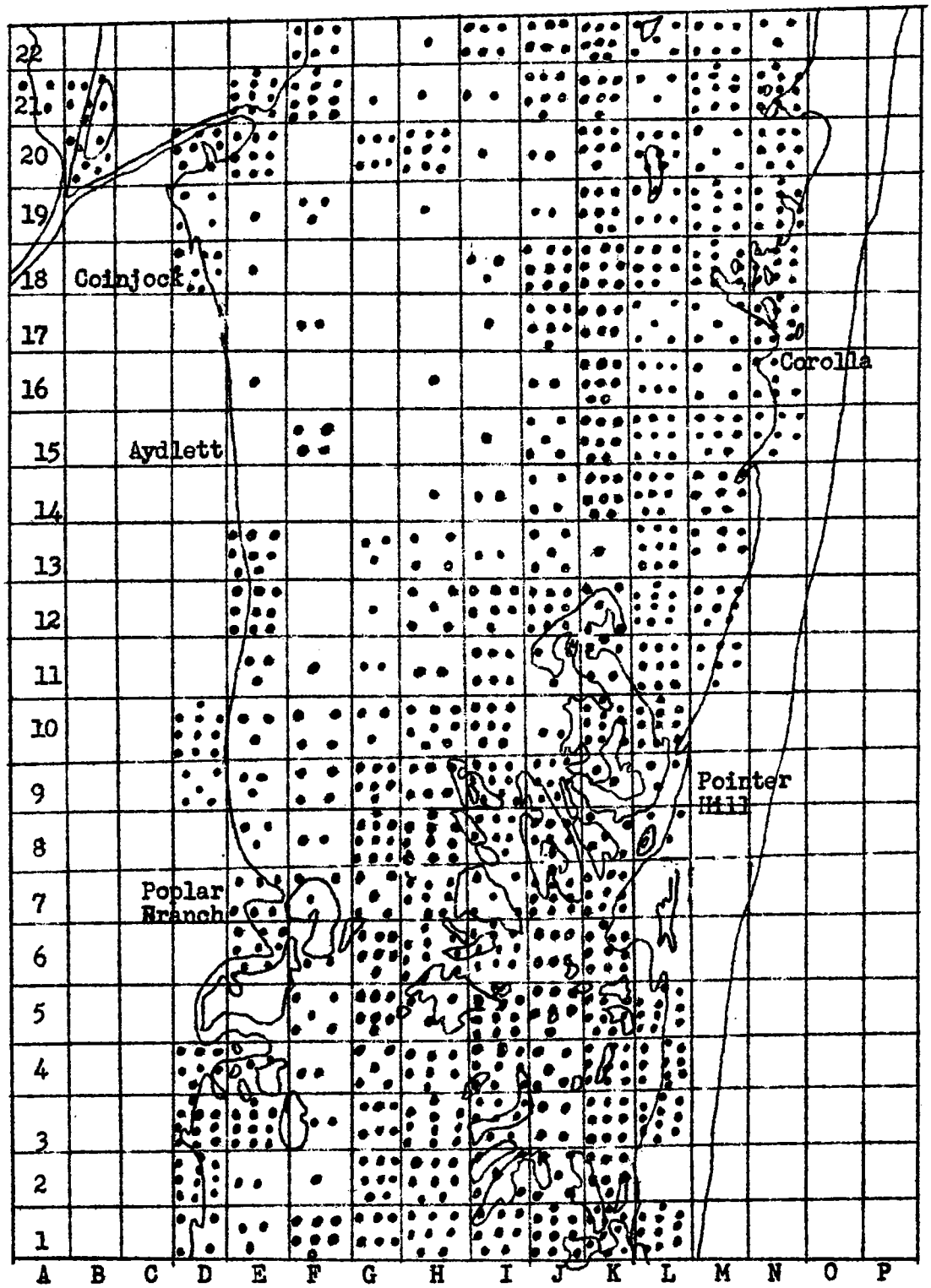


Figure_____. Distribution of Wild Celery, Master Survey, August-September, 1959.



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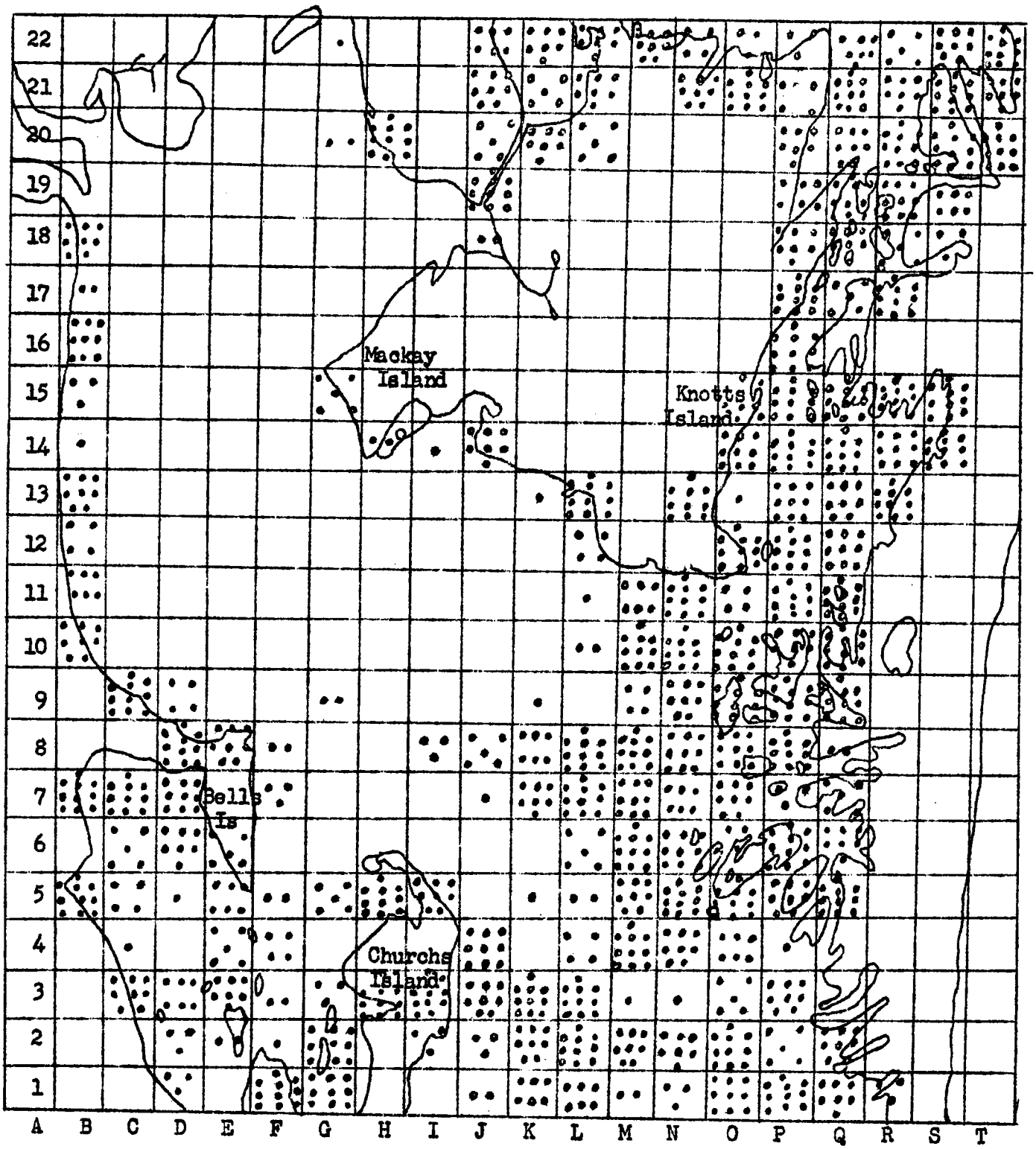
Figure_____, Distribution of Wild Celery, Master Survey, Aug-Sept., 1959.



Section C

Figure_____. Distribution of Wild Celery, Master Survey, August-September, 1959.

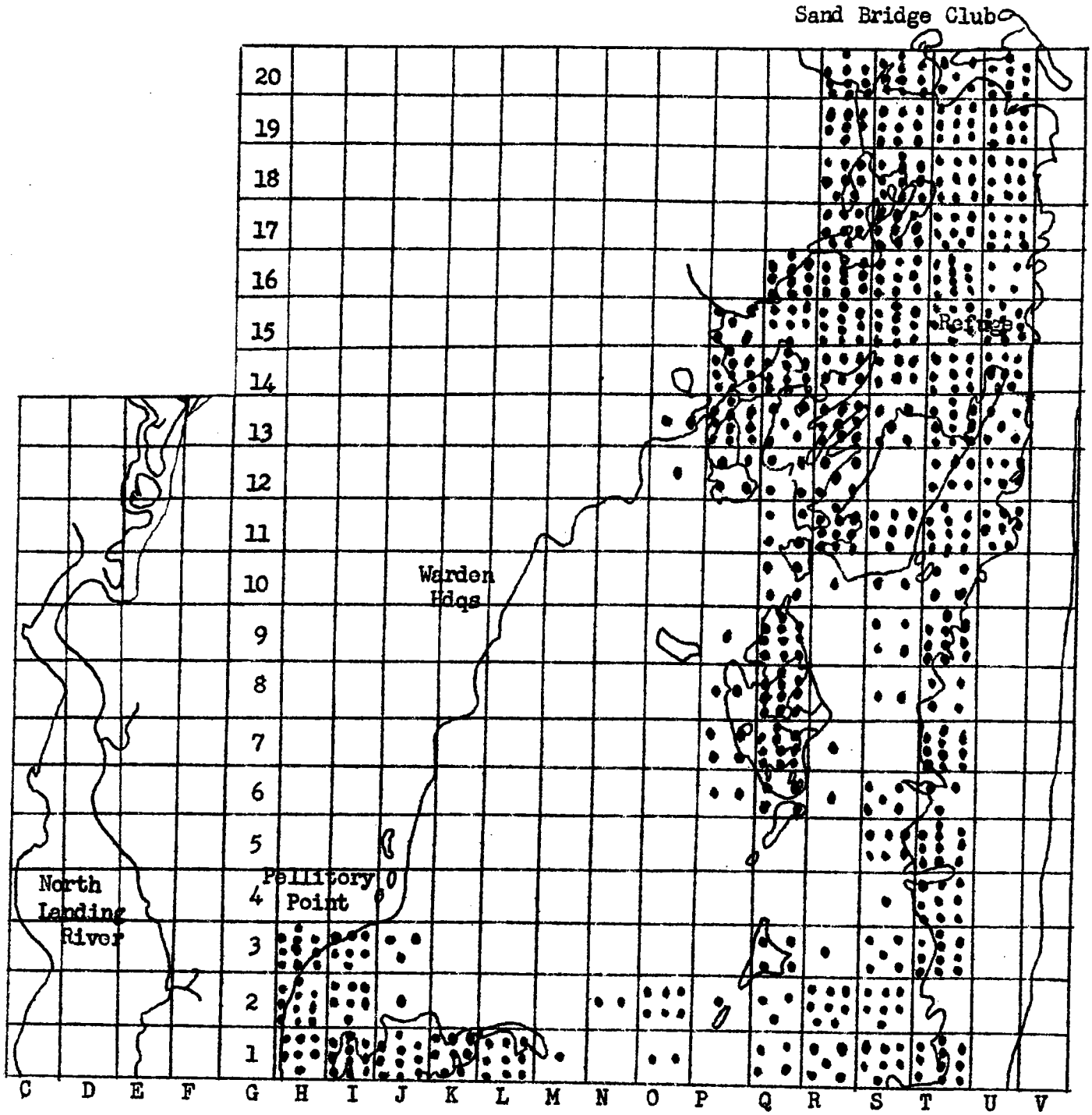


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Figure_____. Distribution of Wild Celery, Master Survey, Aug.-Sept., 1959.

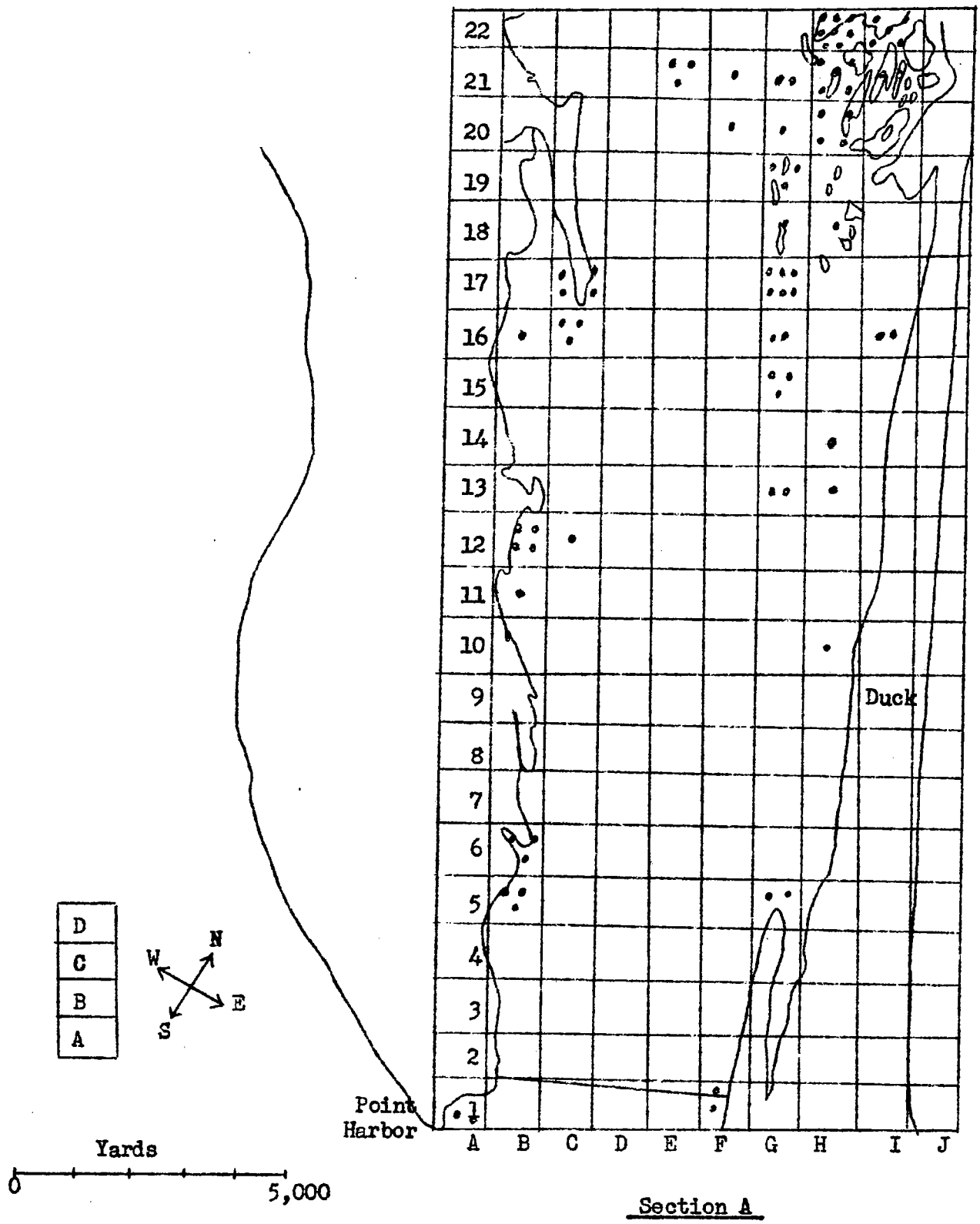
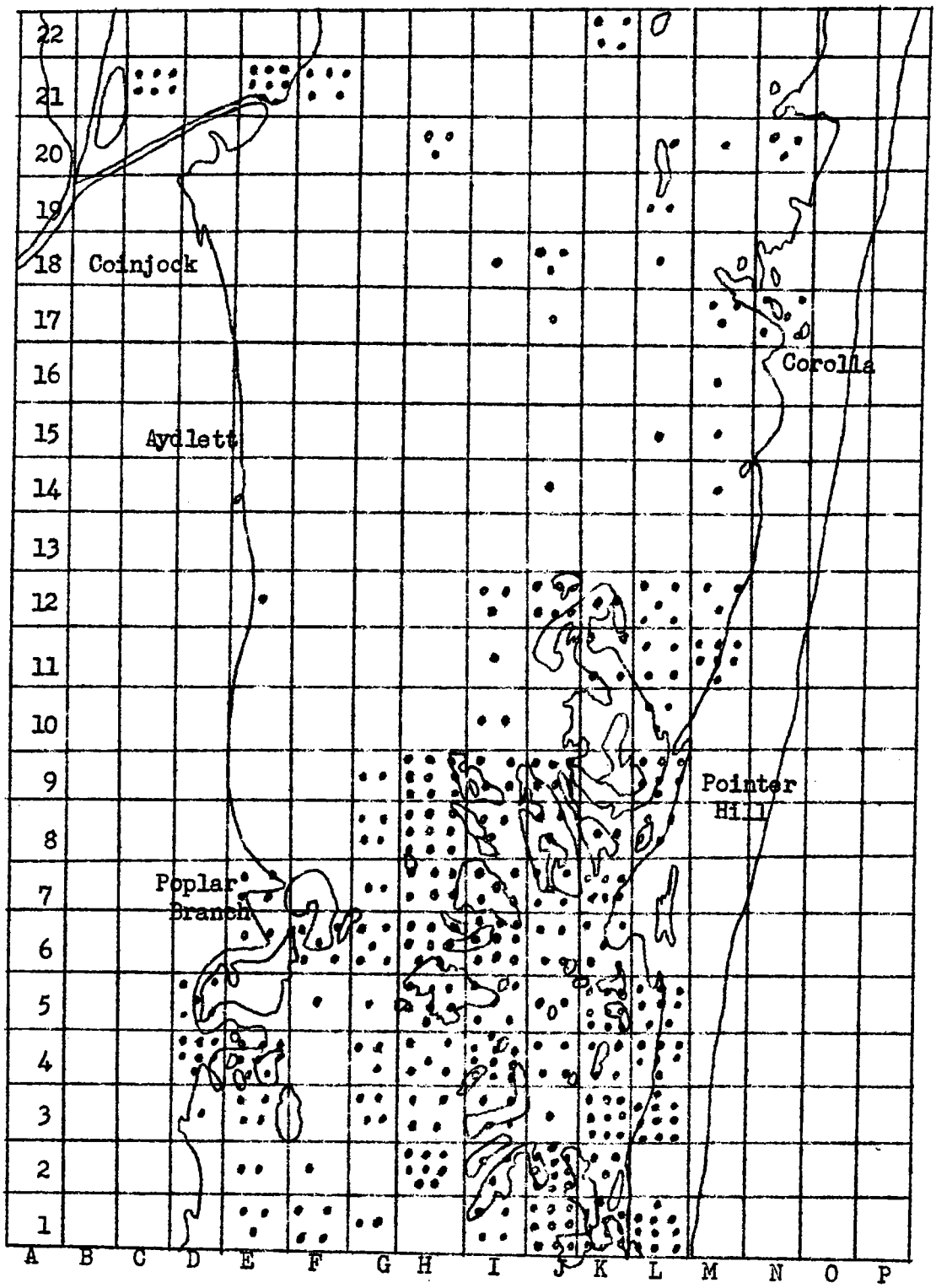
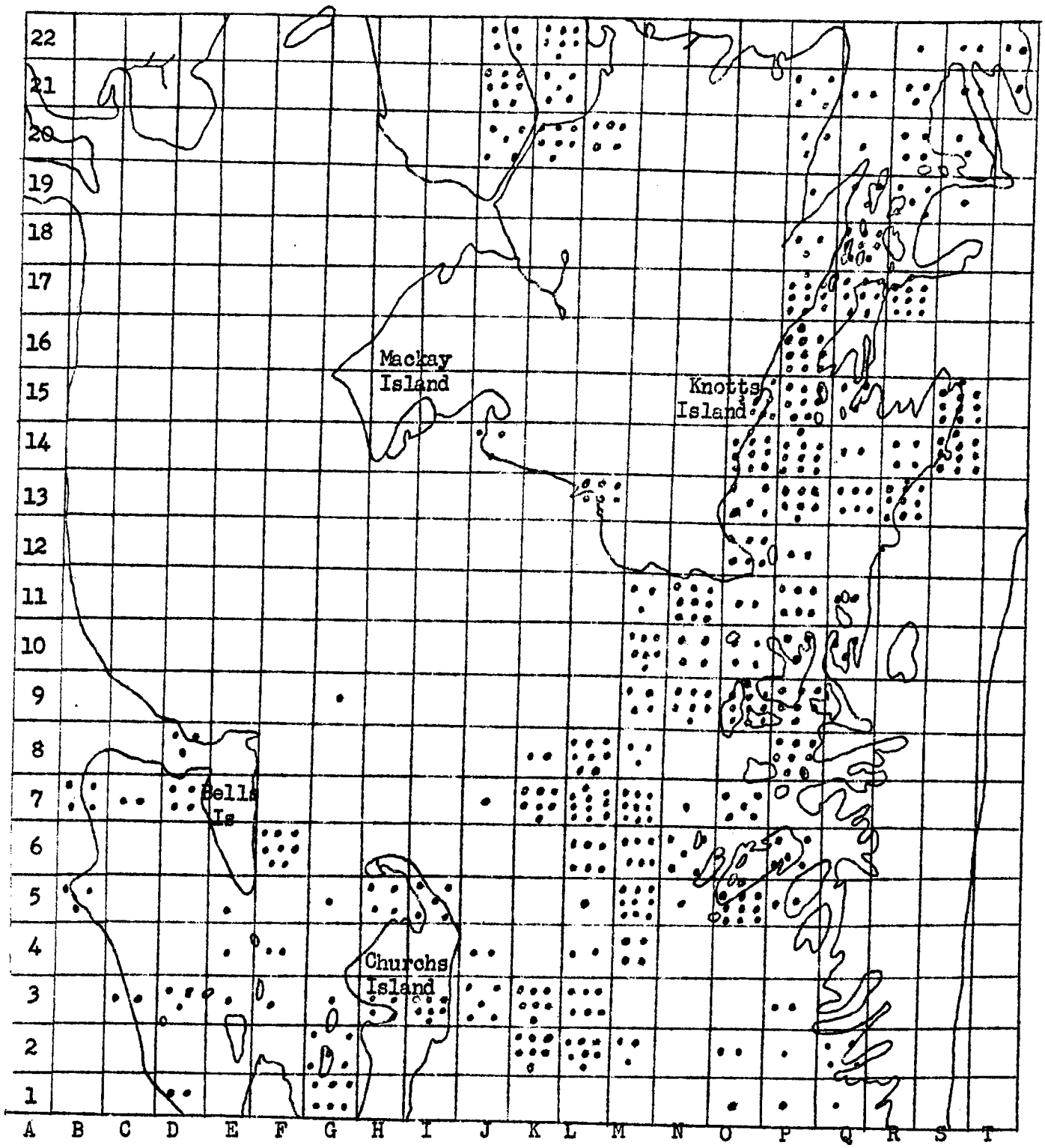


Figure_____. Distribution of Redhead Grass, Master Survey, August-September, 1959.



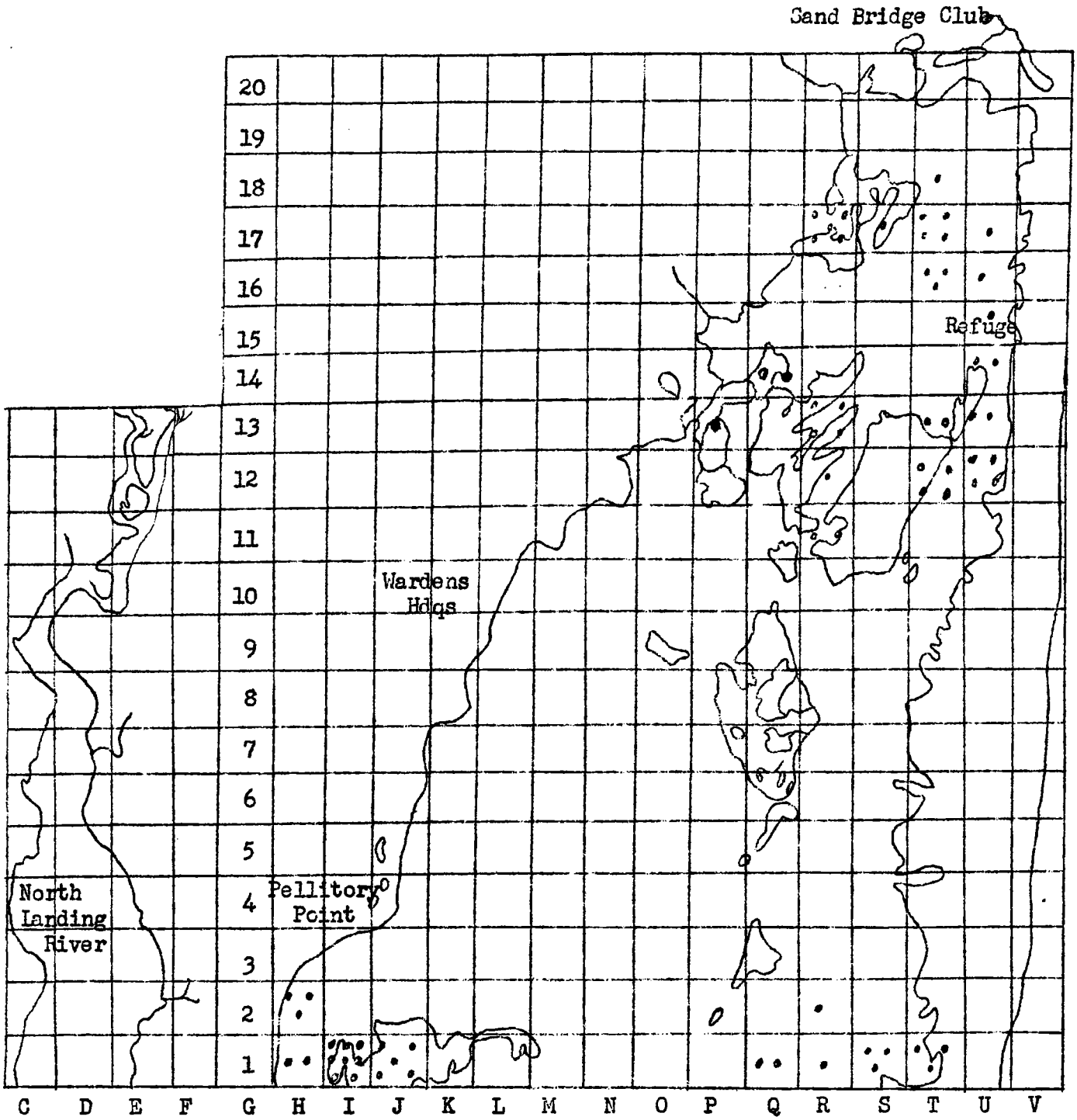
Section B

Figure_____. Distribution of Redhead Grass, Master Survey, Aug-Sept., 1959.



Section C

Figure_____. Distribution of Redhead Grass, Master Survey, August-September, 1959.



Section D

Figure_____. Distribution of Redhead Grass, Master Survey, August-September, 1959.

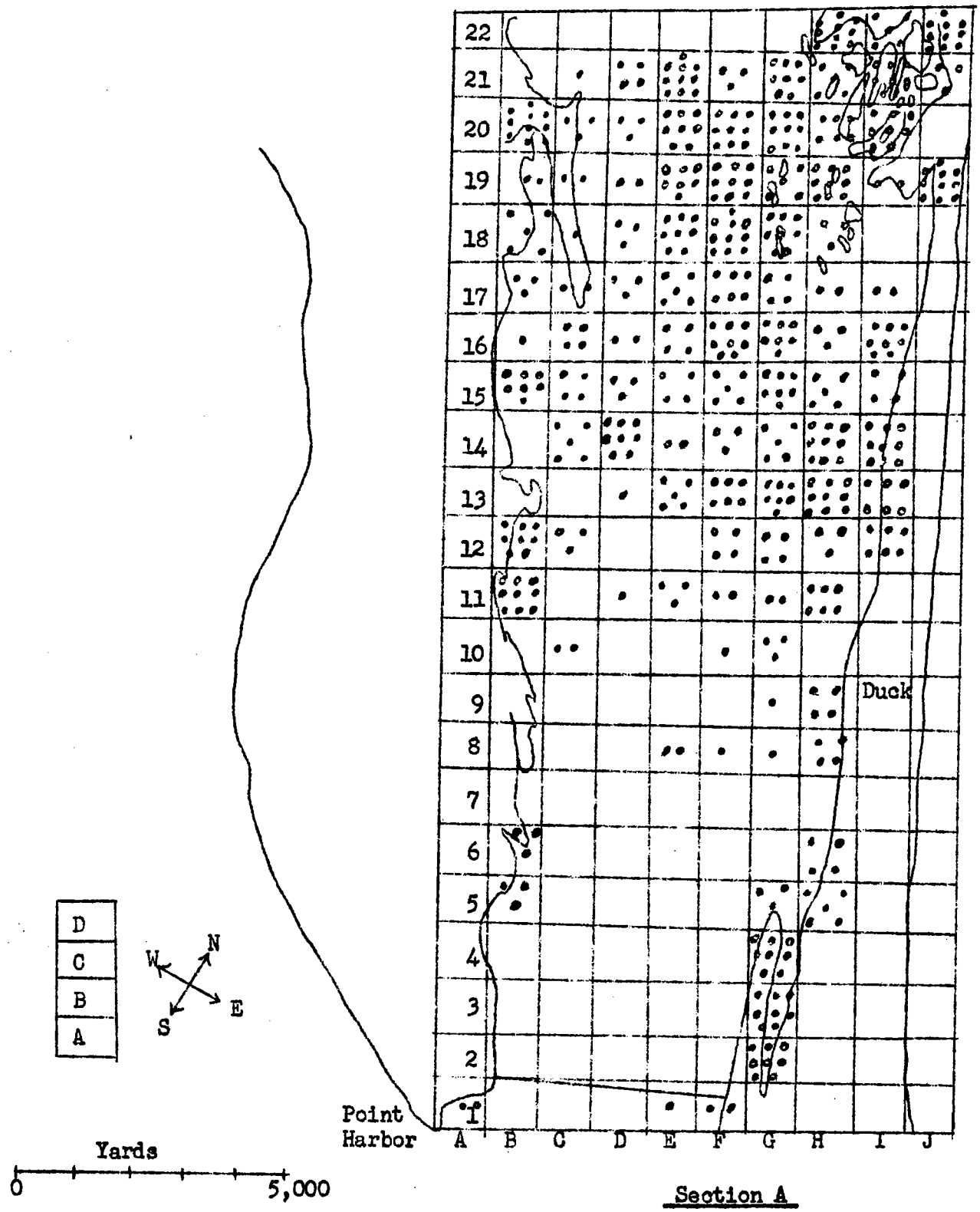


Figure_____. Distribution of Najas sp., Master Survey, August-September, 1959.

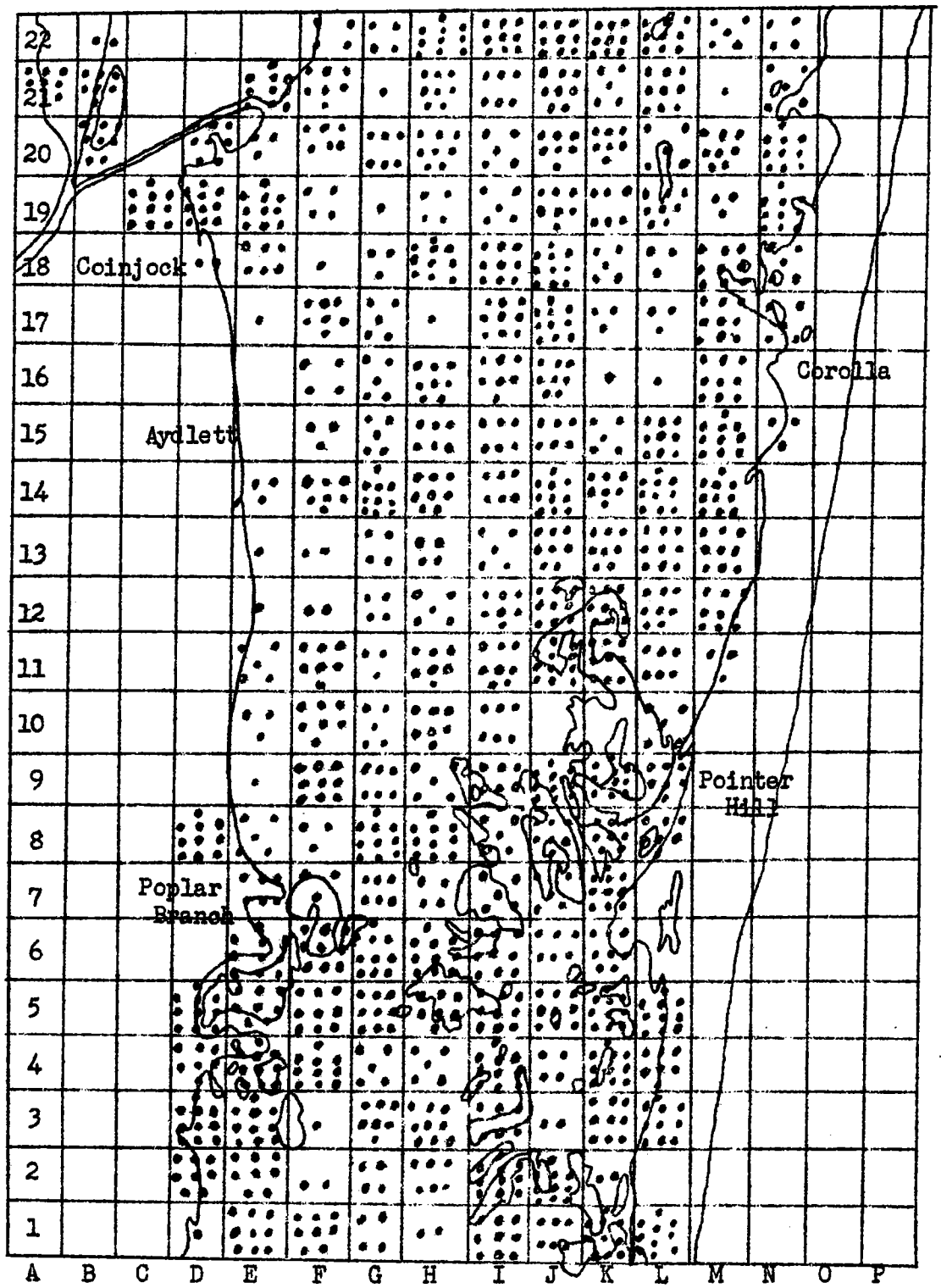


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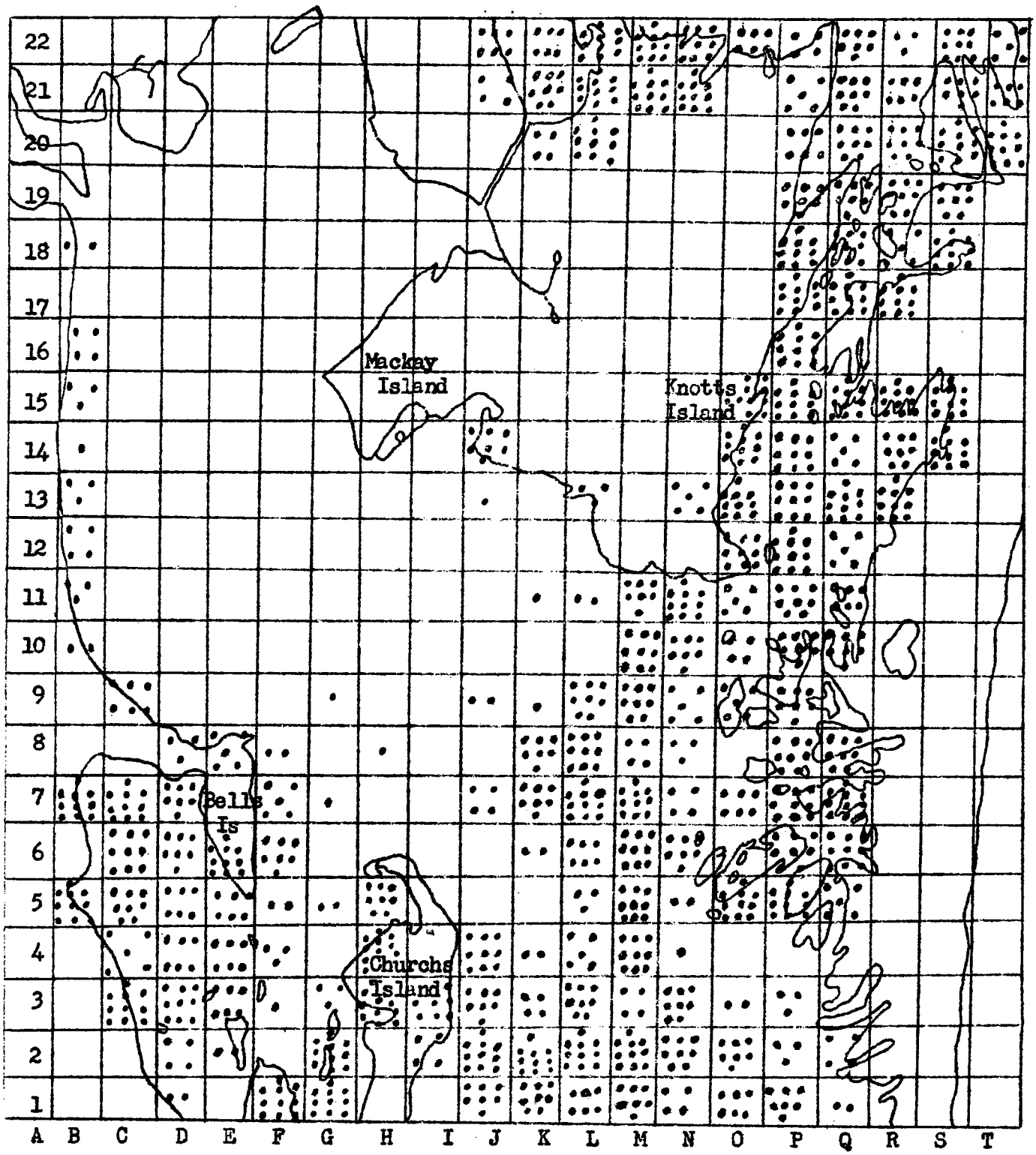
Figure_____. Distribution of Najas sp., Master Survey, Aug-Sept., 1959.



Section C

Figure_____. Distribution of Najas sp., Master Survey, August-September, 1959.

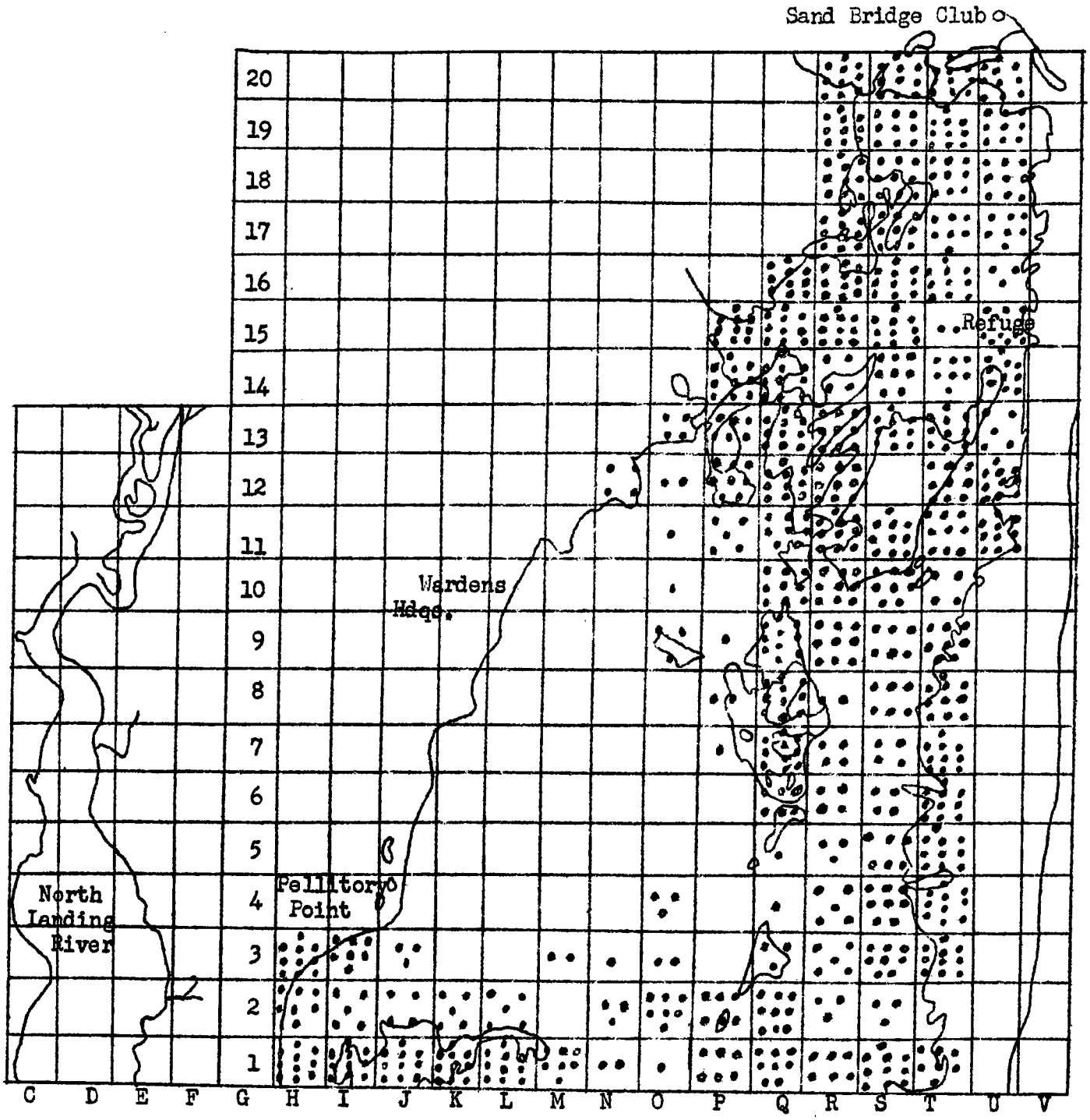


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Figure_____. Distribution of Najas sp., Master Survey, August-September, 1959.

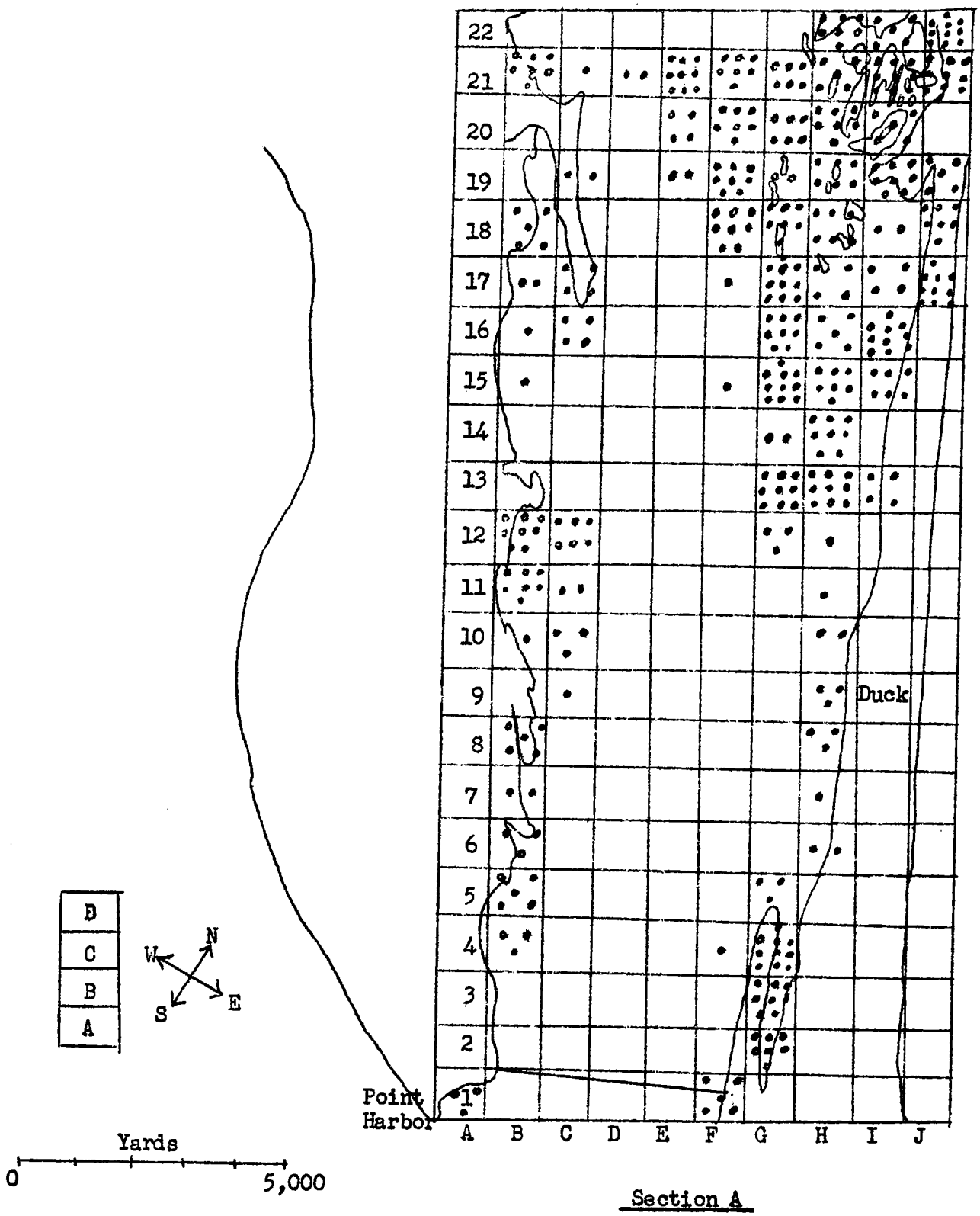

Figure_____. Distribution of Widgeon Grass, Master Survey, August-September, 1959.

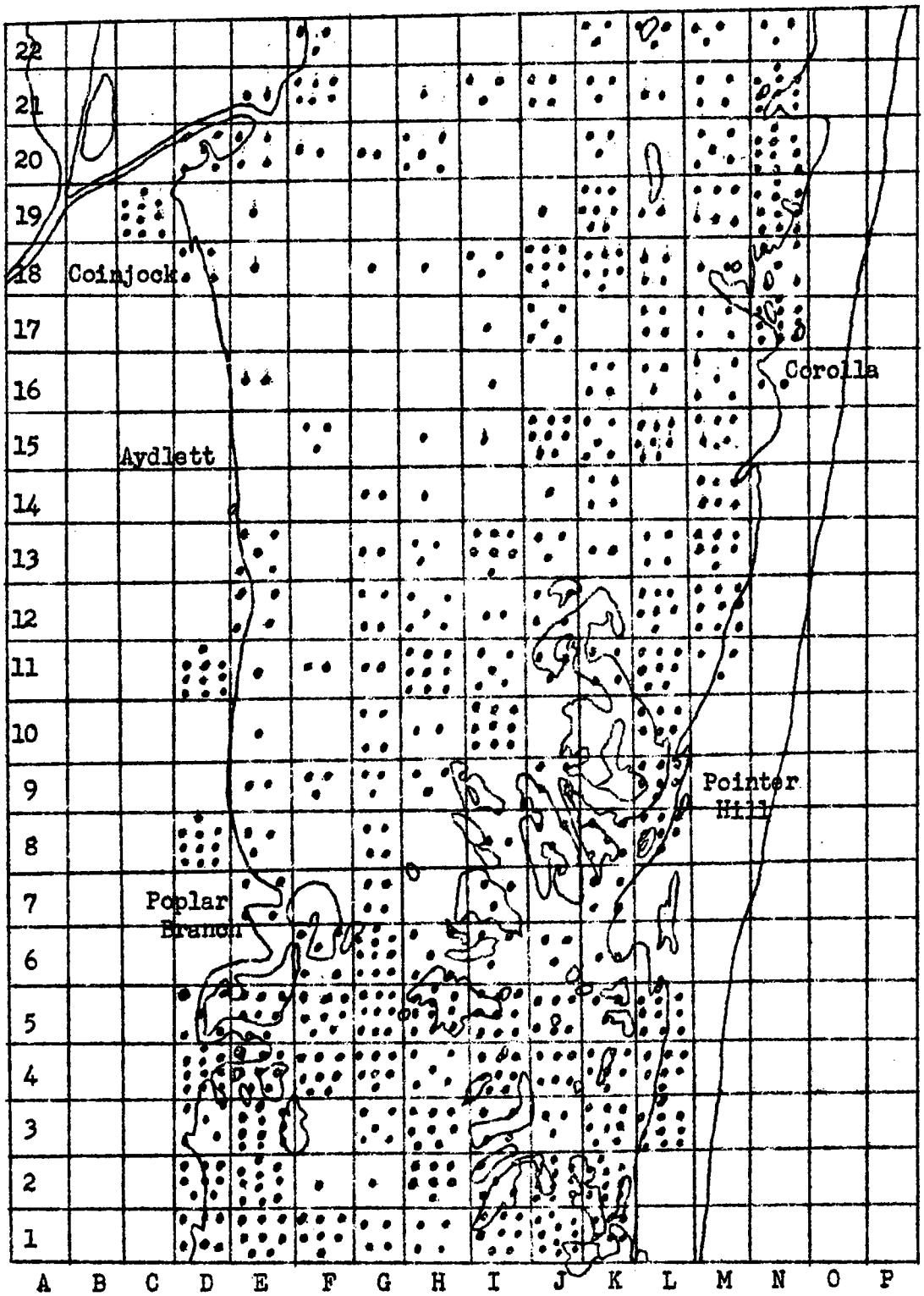

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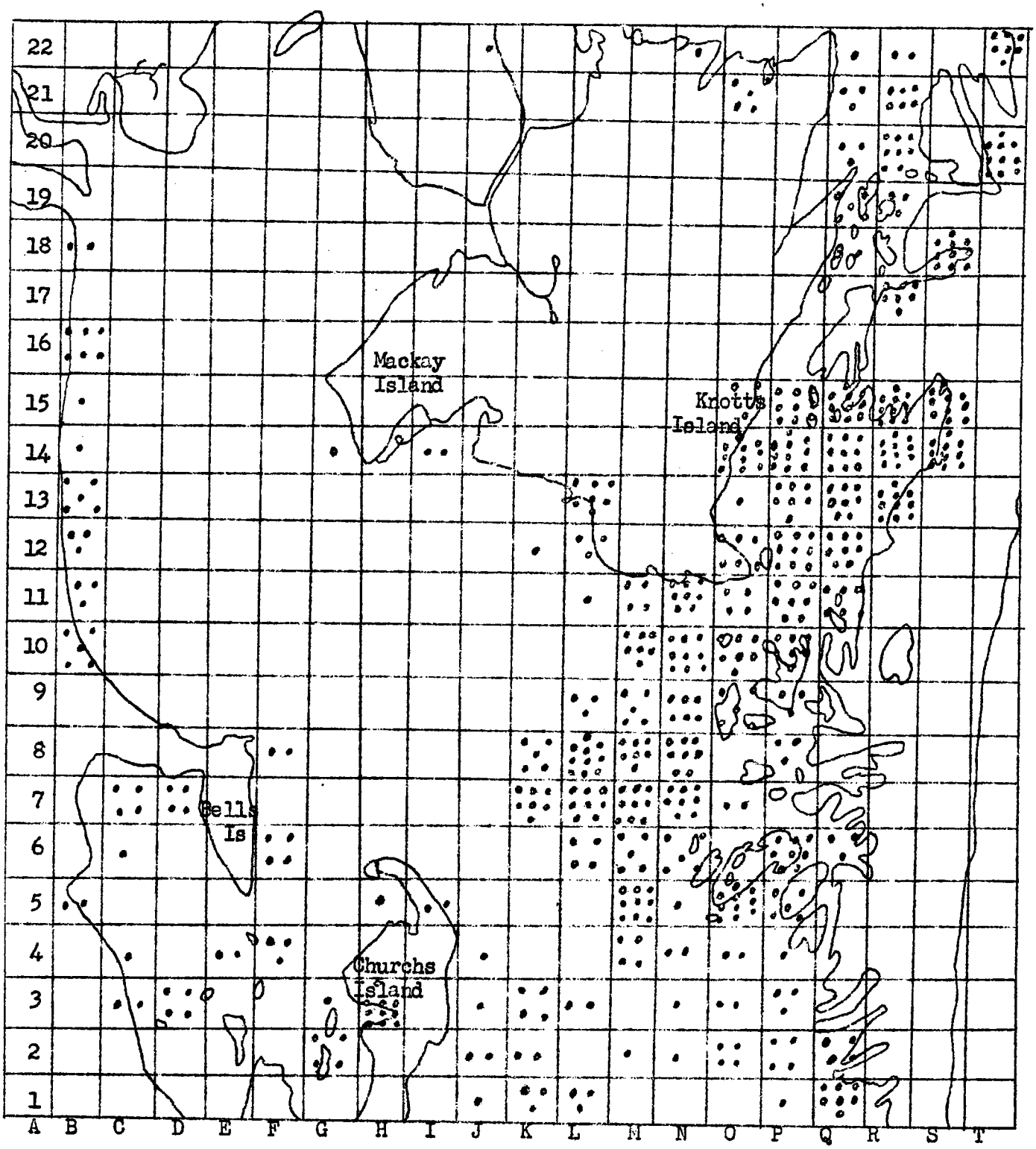
Figure_____. Distribution of Widgeon Grass, Master Survey, Aug.-Sept. 1959.



Section C

Figure_____. Distribution of Widgeon Grass, Master Survey, August-September, 1959.

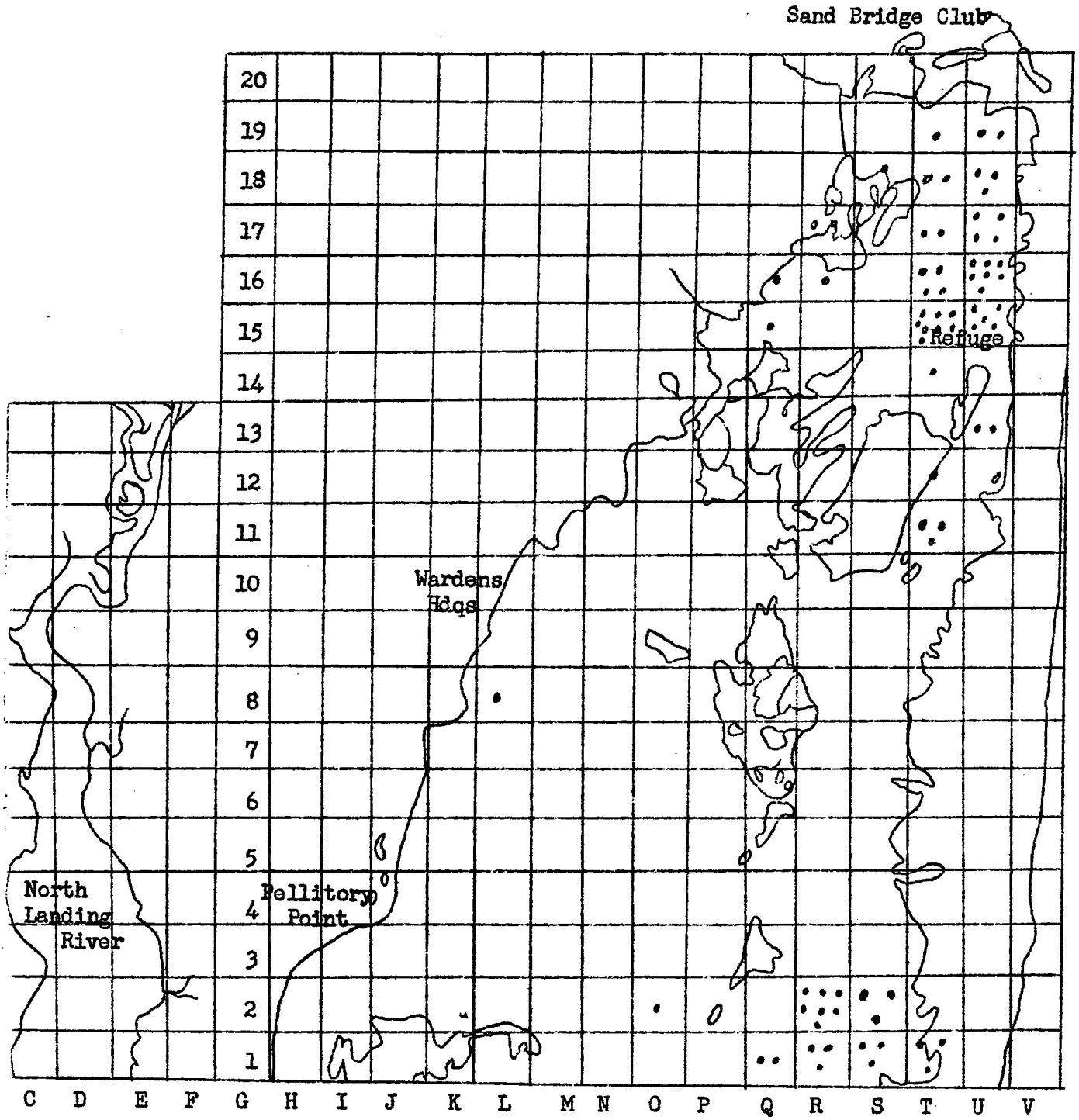


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Figure_____. Distribution of Widgeon Grass, Master Survey, August-September, 1959.

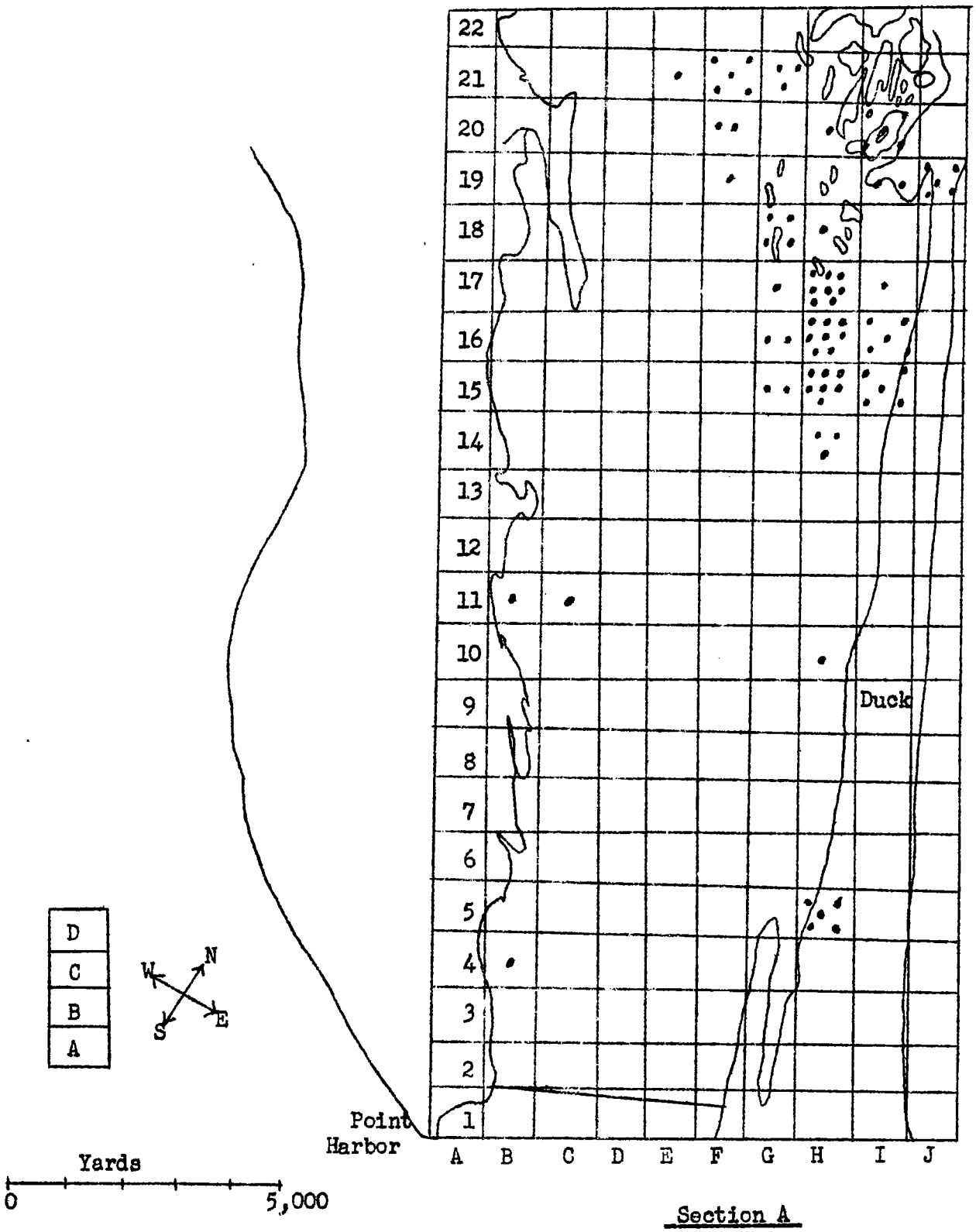

Figure_____. Distribution of Chara sp., Master Survey, August-September, 1959.

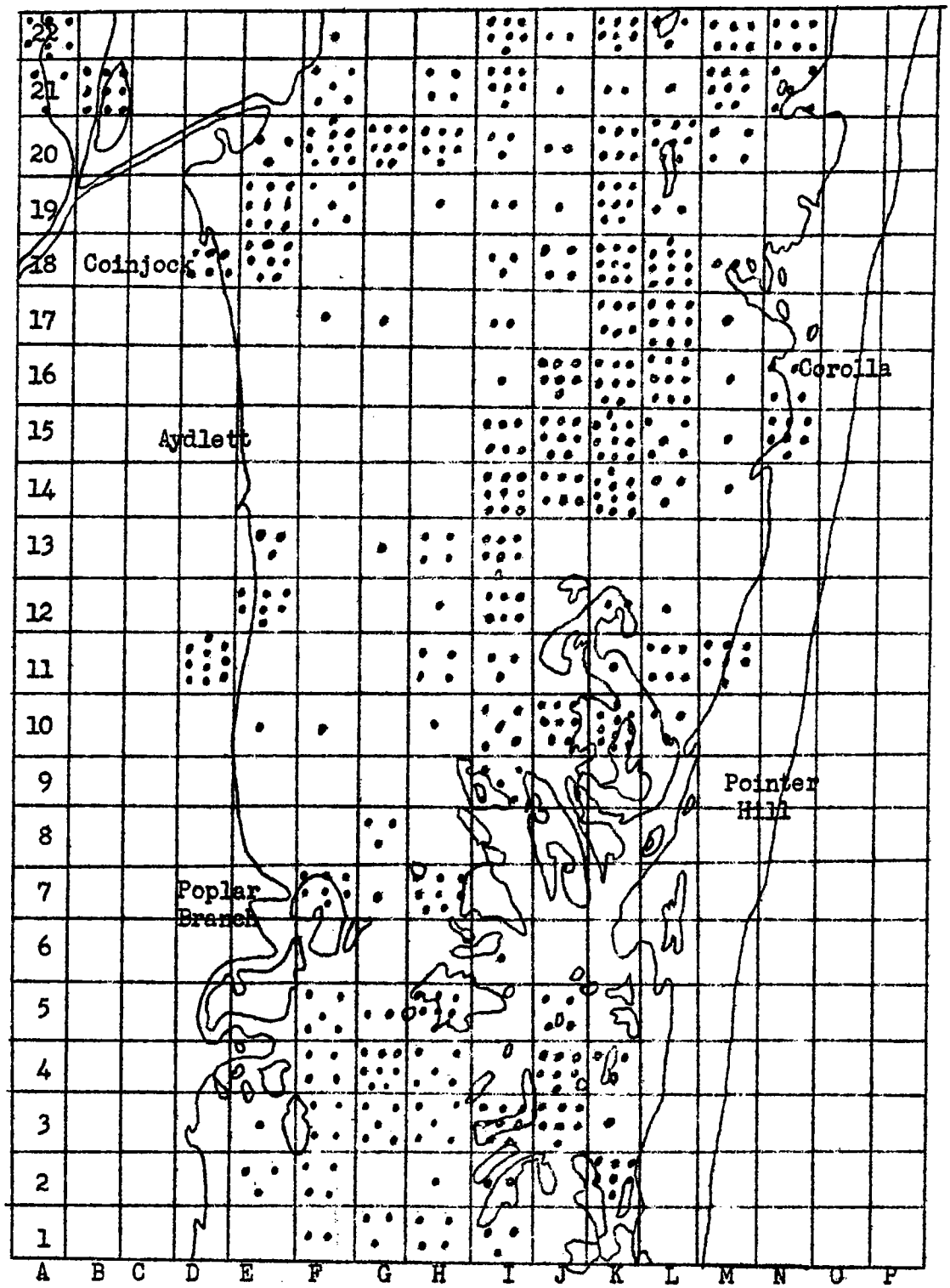

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Figure_____. Distribution of Chara sp., Master Survey, Aug-Sept., 1959.

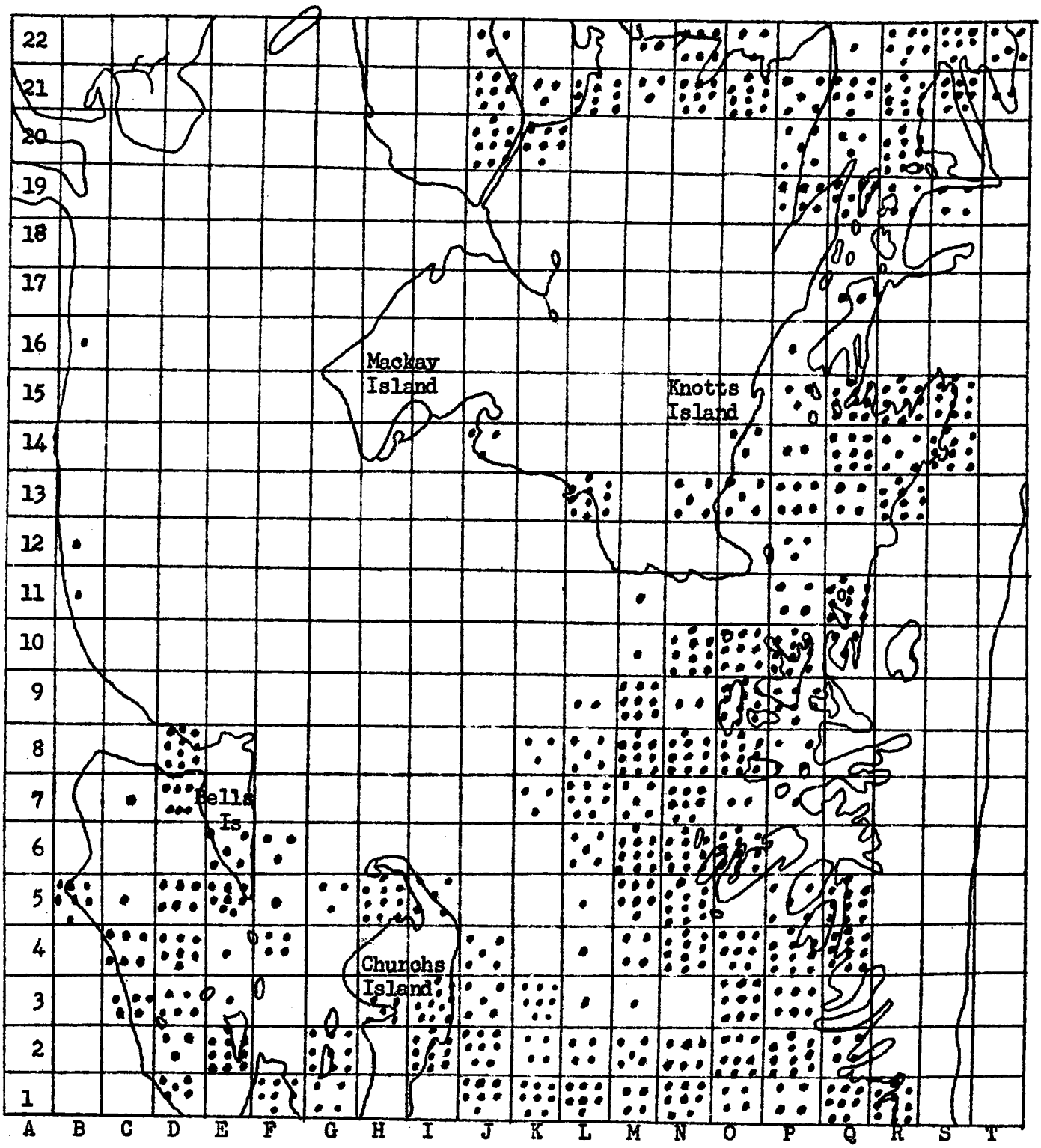

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Figure_____. Distribution of Chara sp., Master Survey, August-September, 1959.

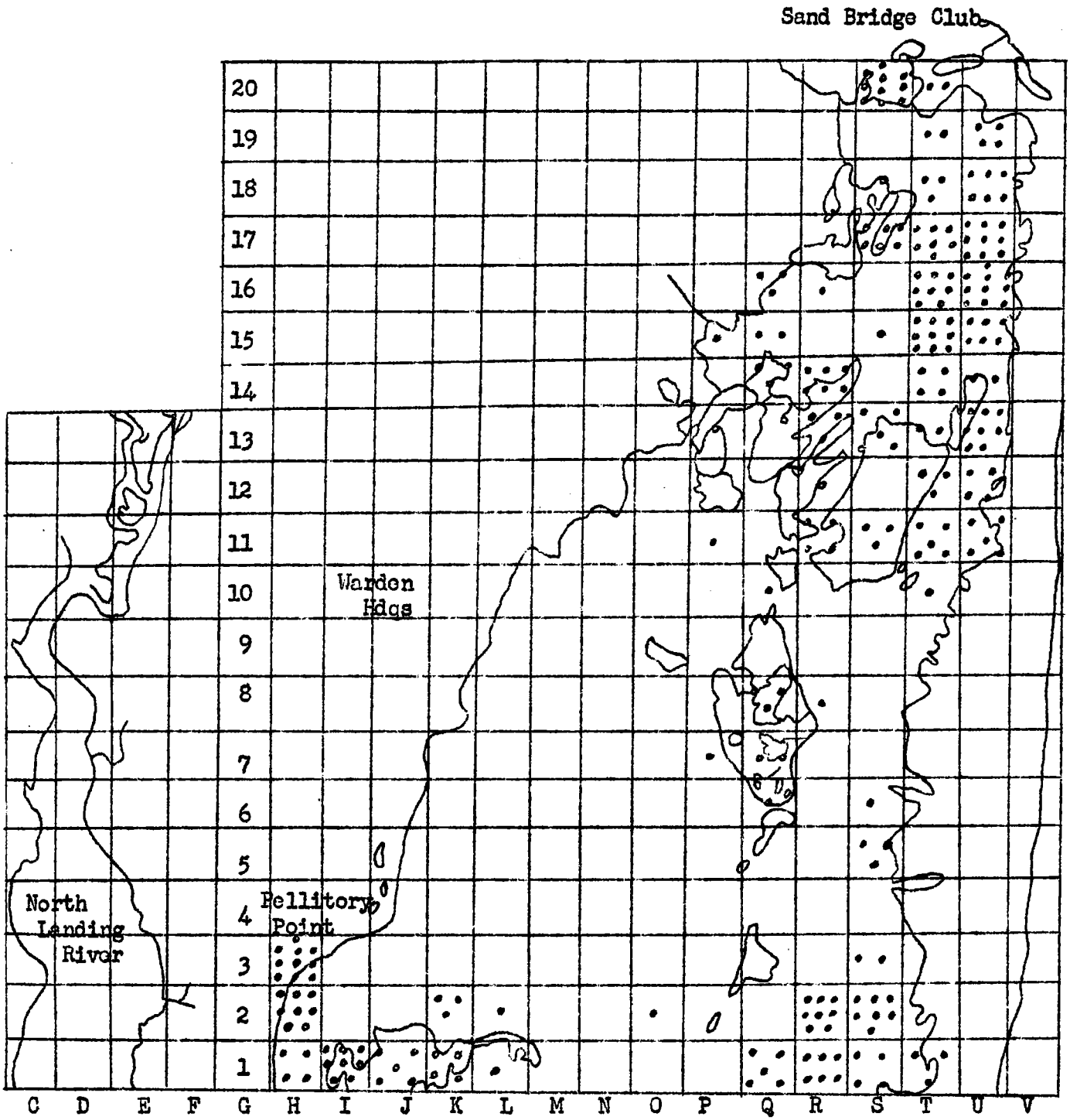

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Figure_____. Distribution of Chara sp., Master Survey, August-September, 1959.

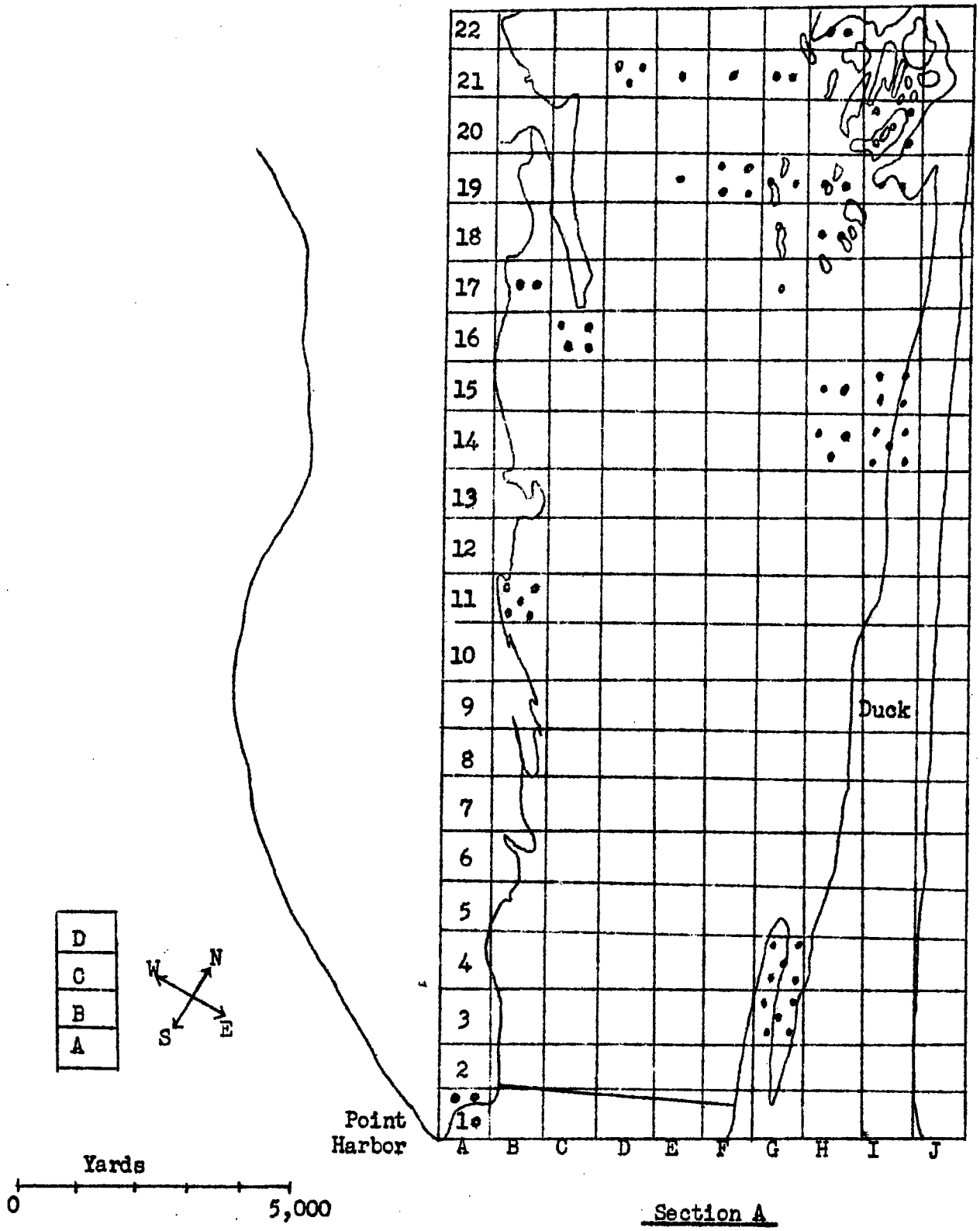

Figure_____. Distribution of Nitella sp., Master Survey, August-September, 1959.

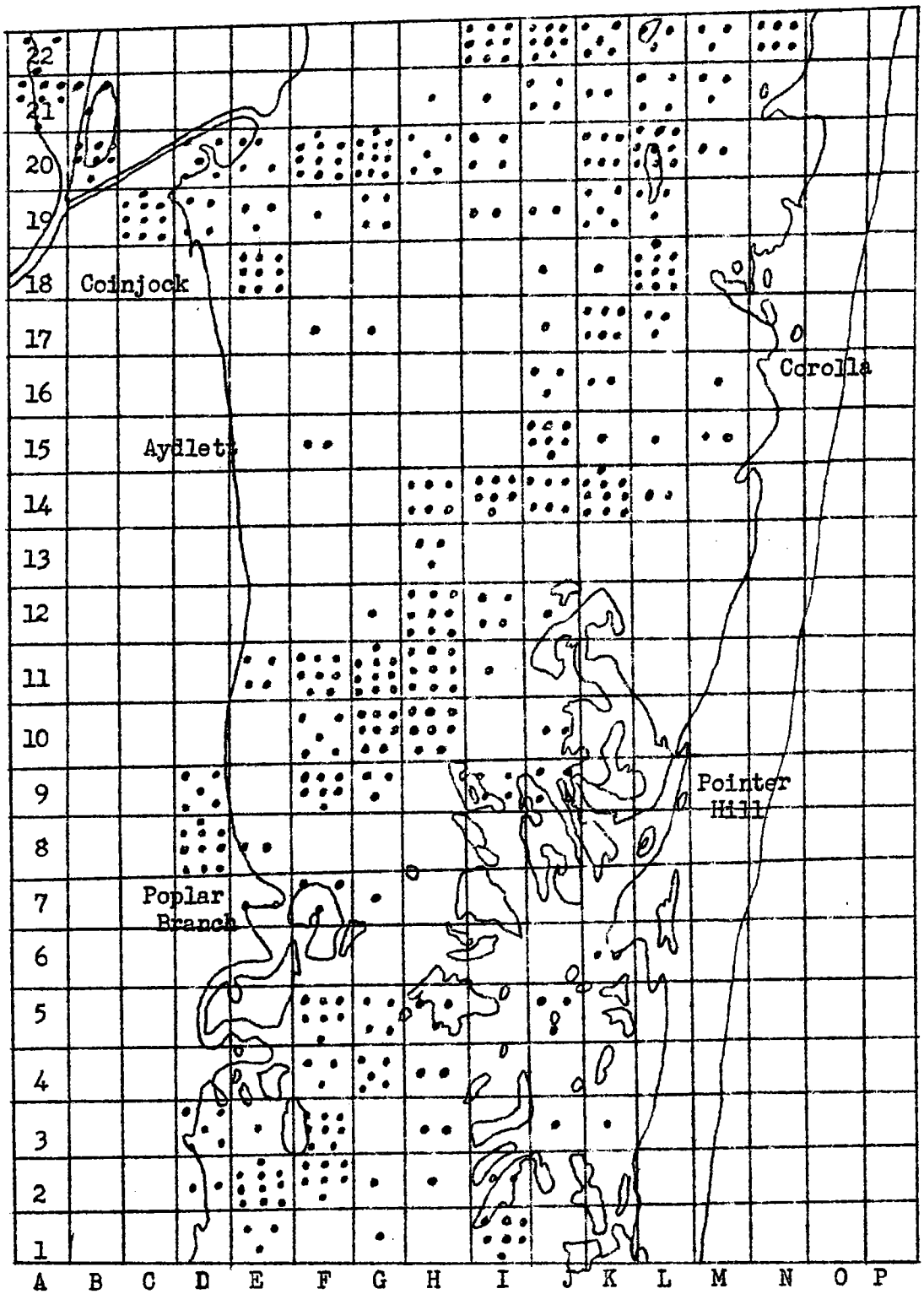

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Figure_____. Distribution of Nitella sp., Master Survey, Aug.-Sept., 1959.

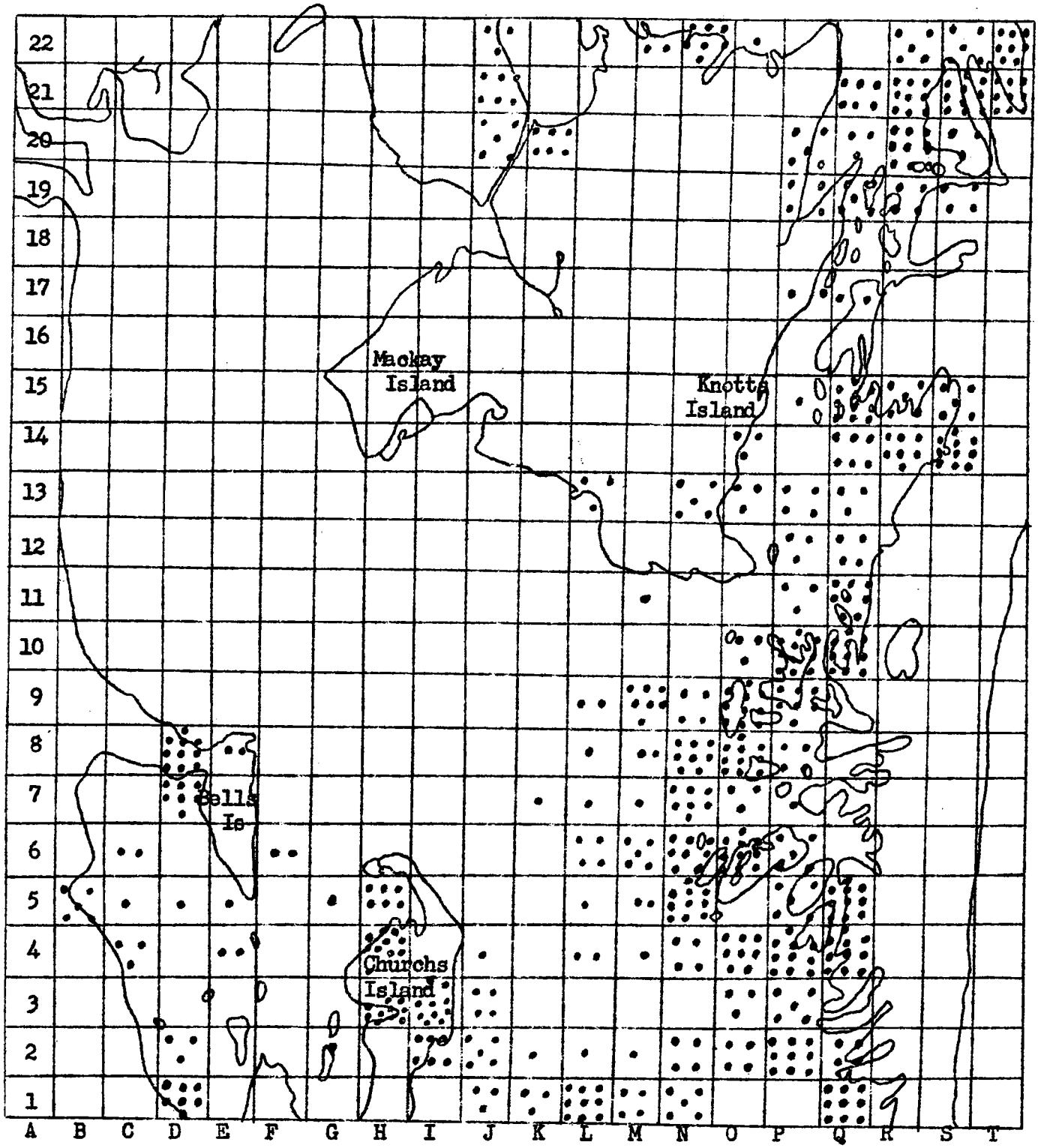

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Figure_____. Distribution of Nitella sp., Master Survey, August-September, 1959.

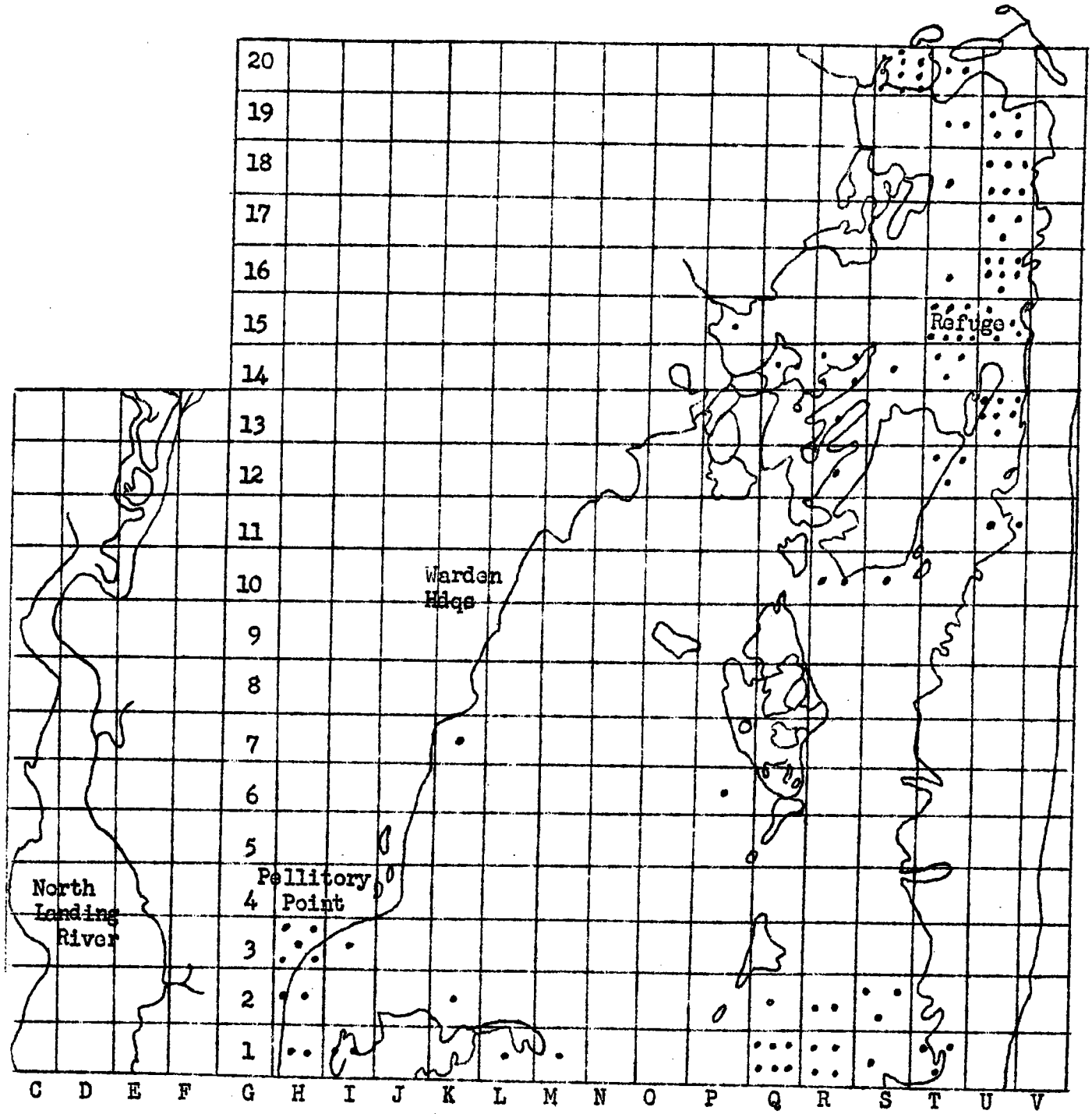

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Figure____. Distribution of Nitella sp., Master Survey, August-September, 1959.

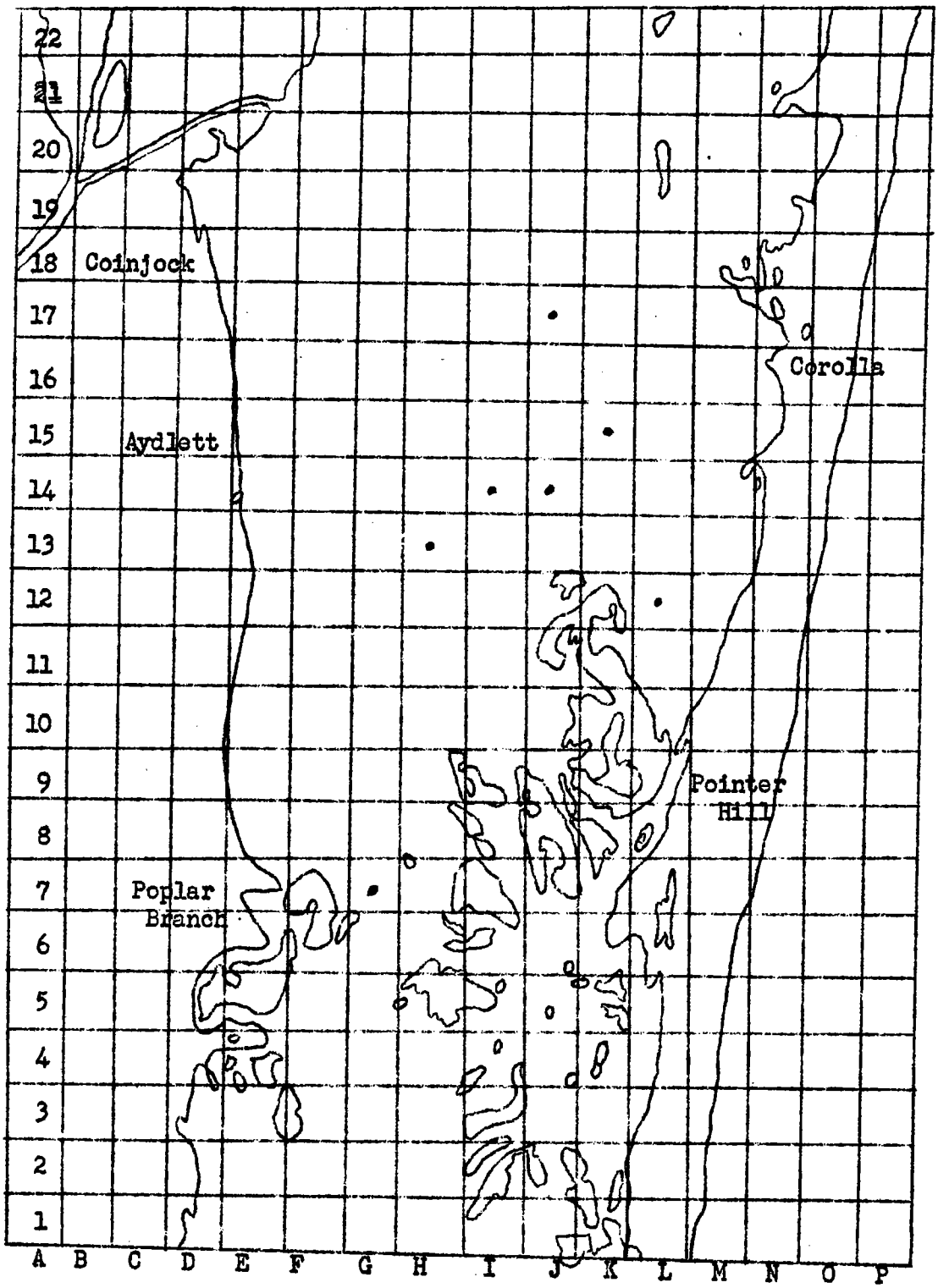

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Figure_____. Distribution of Eleocharis parvula, Master Survey, August-September, 1959.

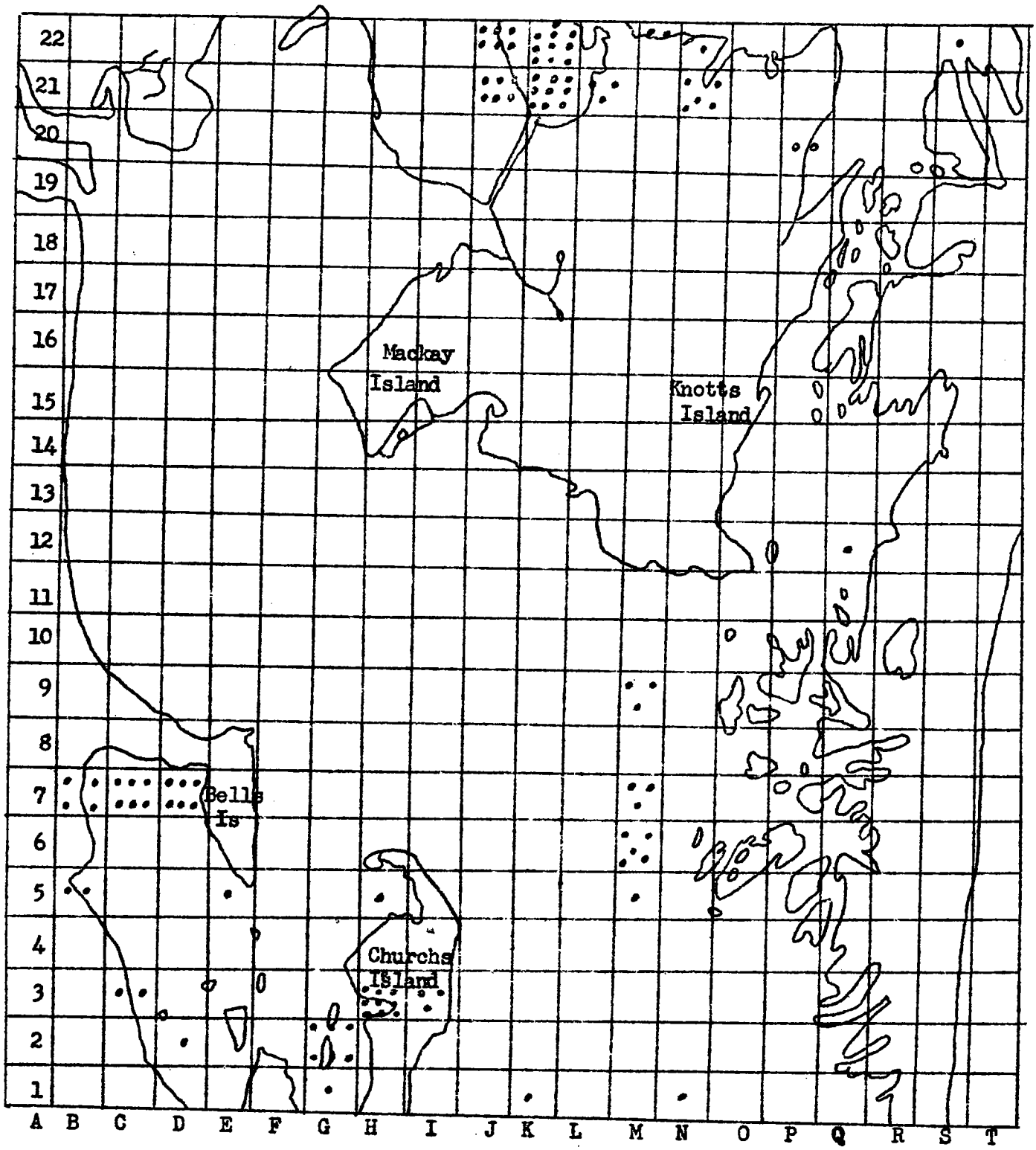

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Figure_____. Distribution of Eleocharis parvula, Master Survey, Aug.-Sept., 1959.

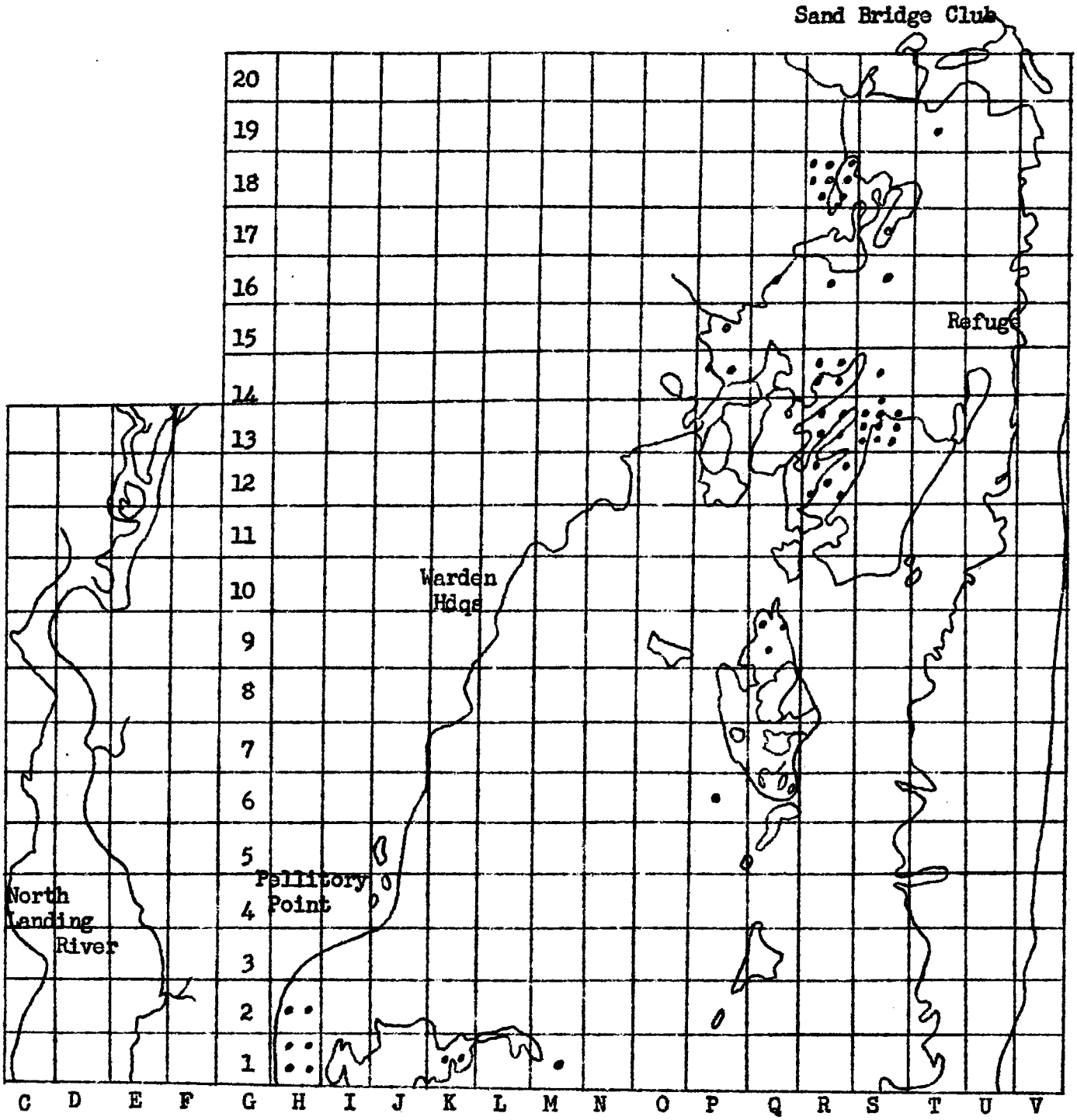

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Figure_____. Distribution of Eleocharis parvula, Master Survey, Aug-Sept., 1959.

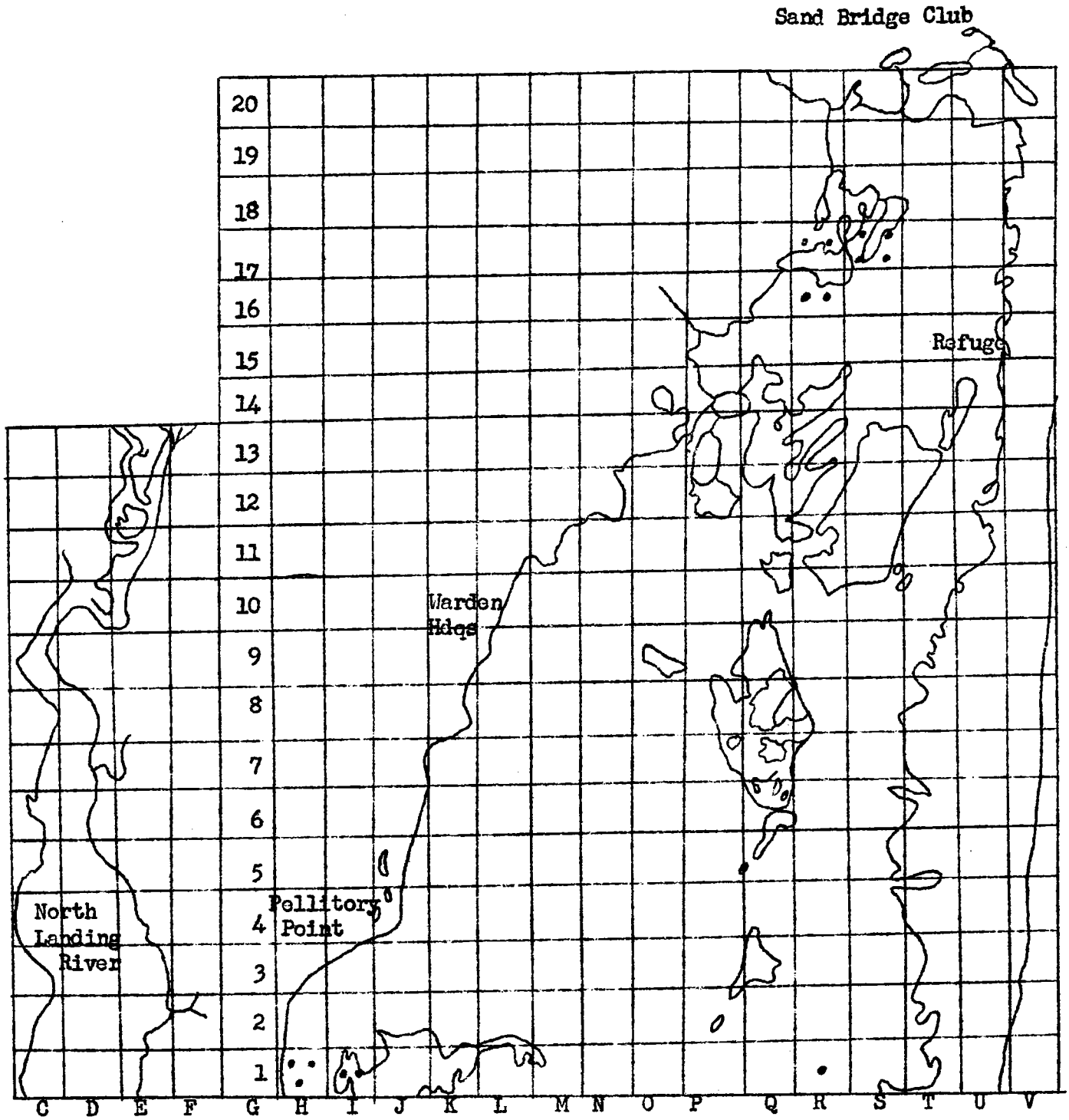

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Figure_____. Distribution of Sagittaria subulata. Master Survey. August-Sept.1959.

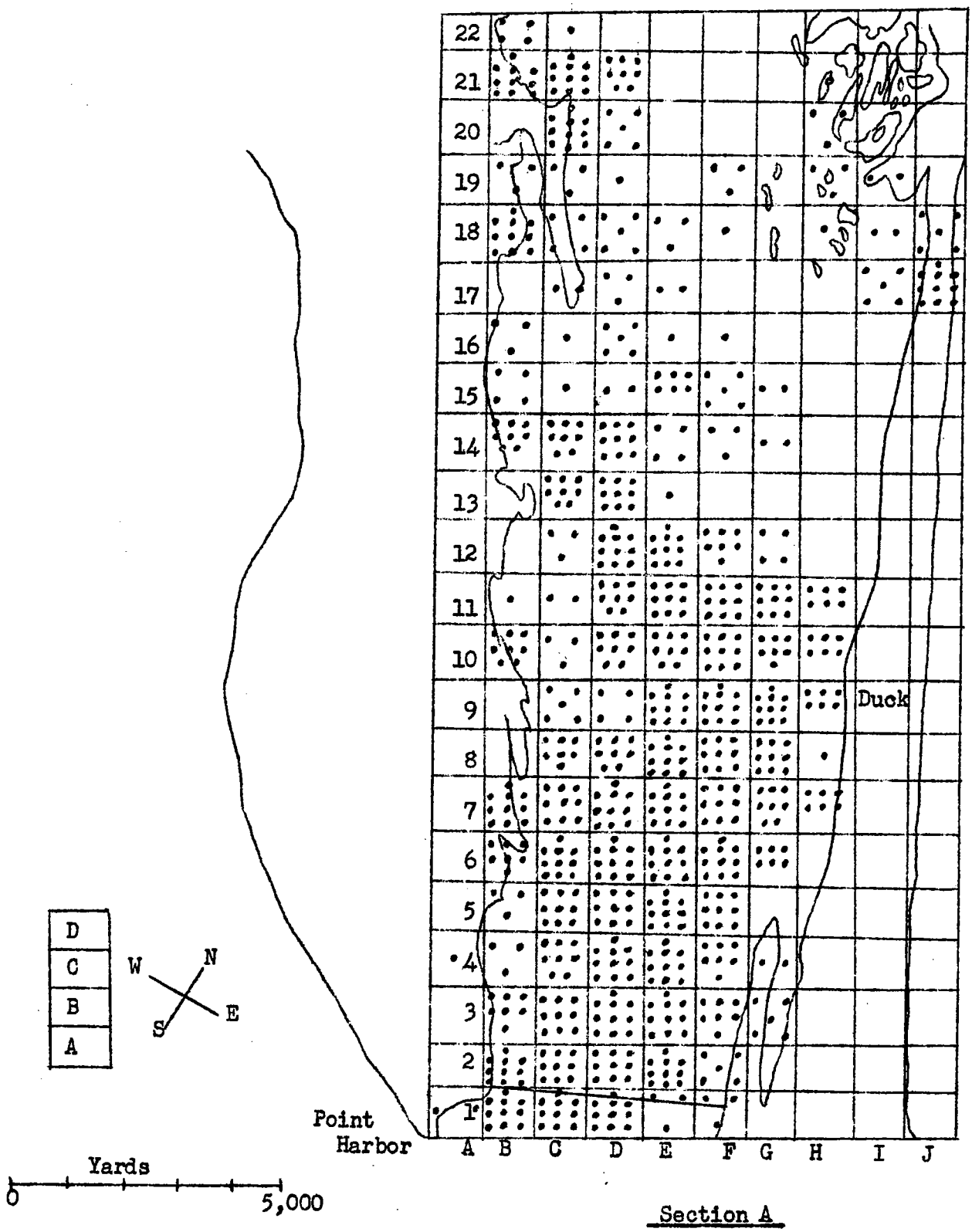

Figure_____. Distribution of Samples with no Vegetation, Master Survey, August-September, 1960.

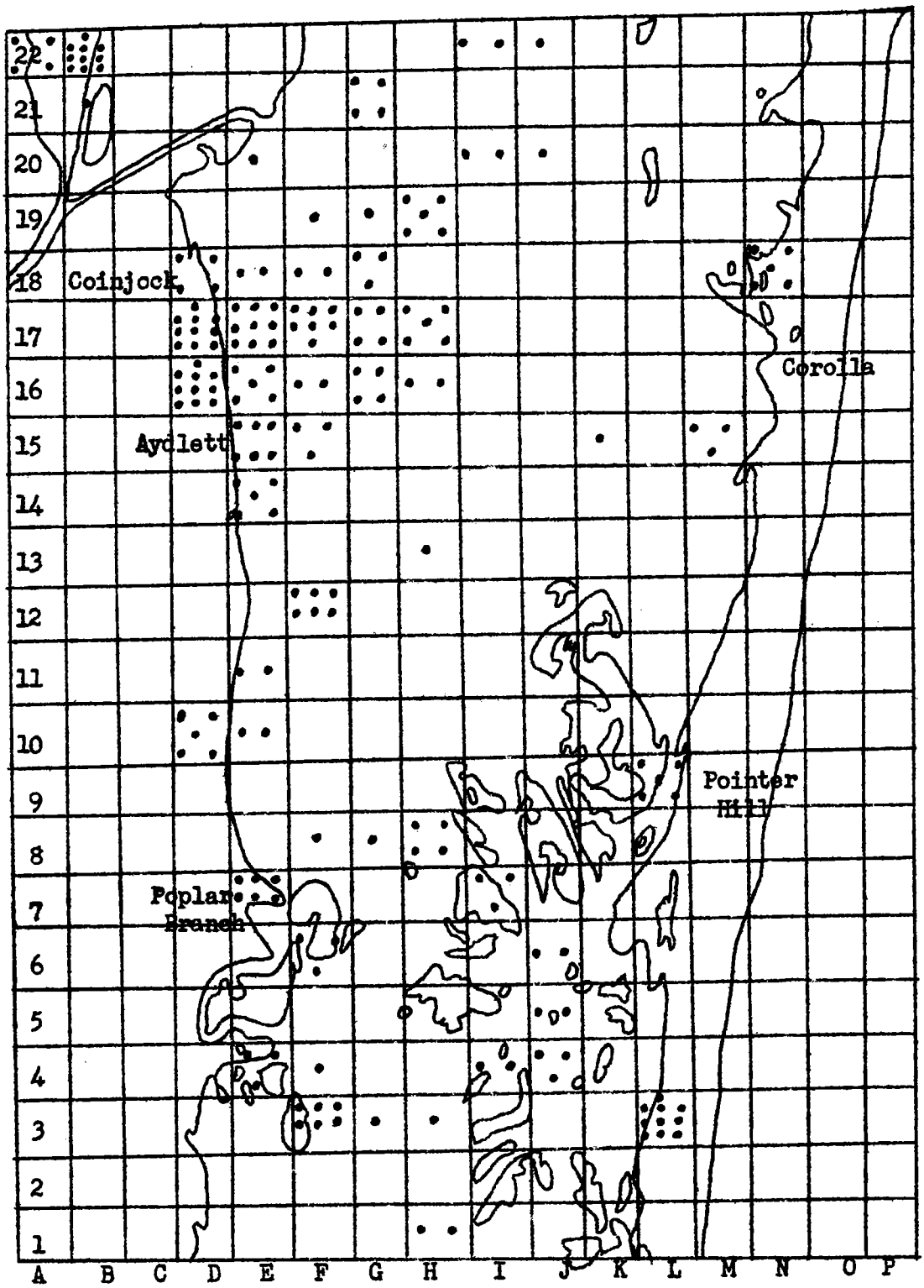

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1960.

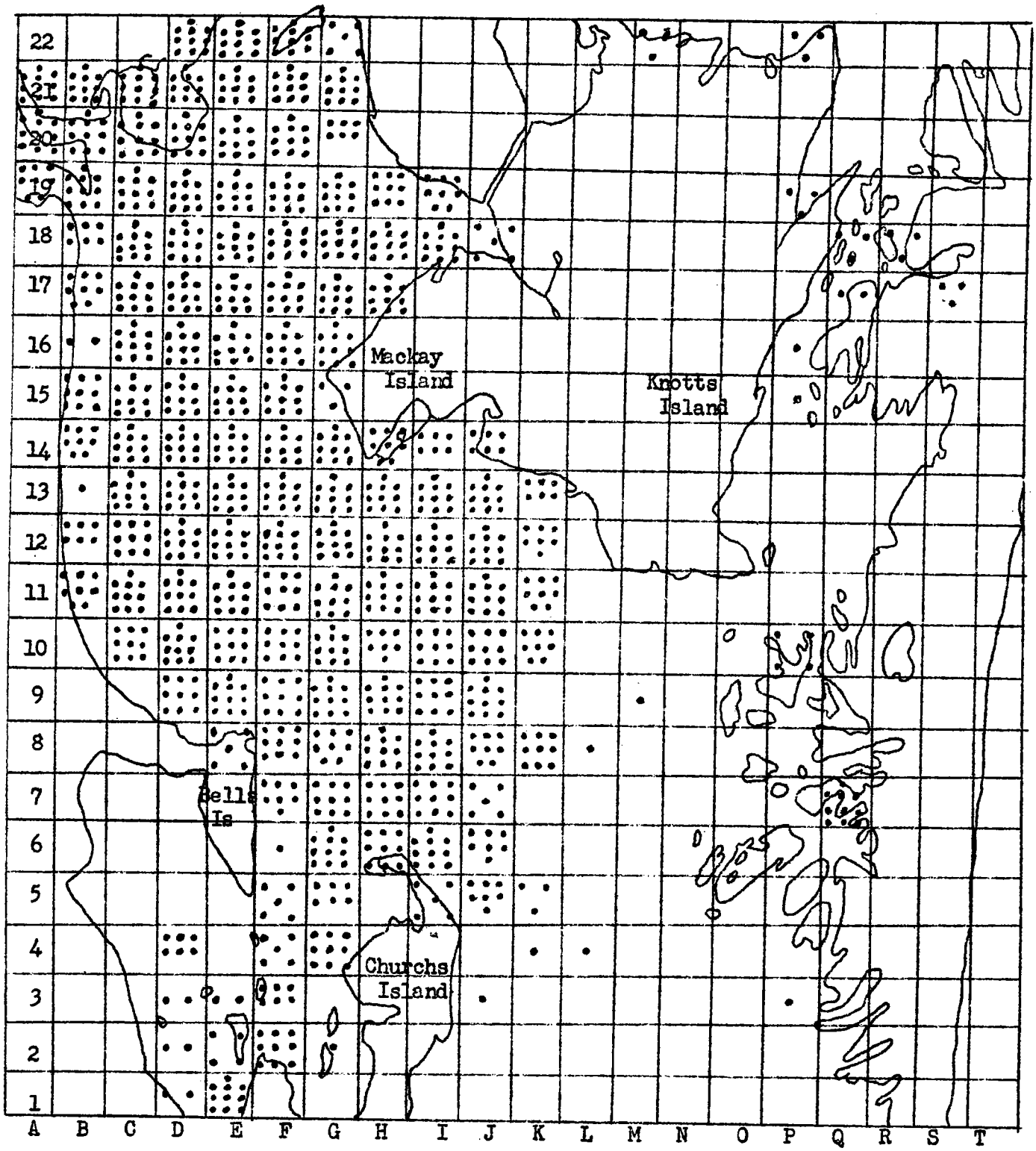

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Figure_____. Distribution of Samples with no Vegetation, Master Survey, August-September, 1960.

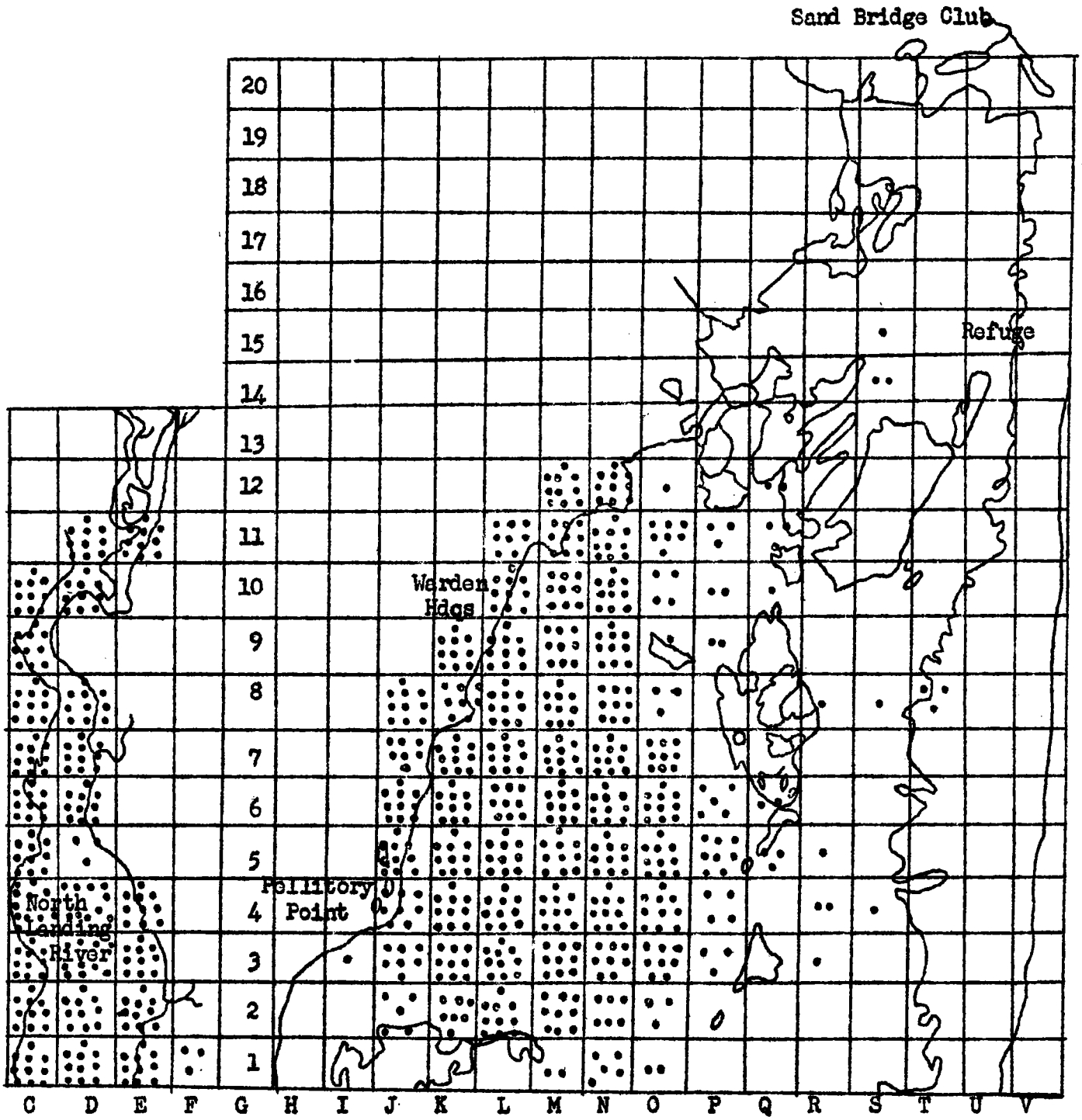

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August-September, 1960.

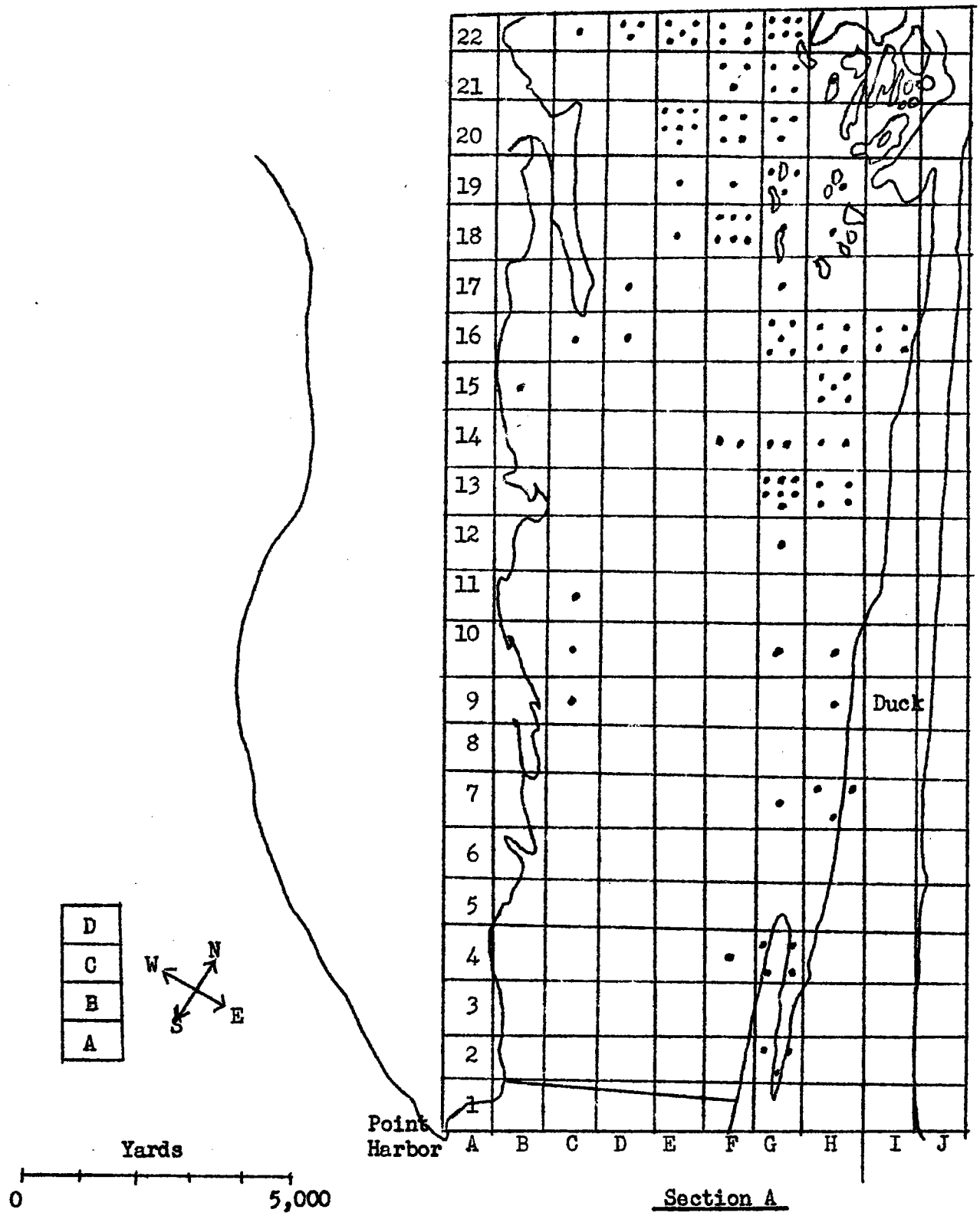

Figure_____. Distribution of Sago Pondweed, Master Survey, Aug.-Sept., 1960.

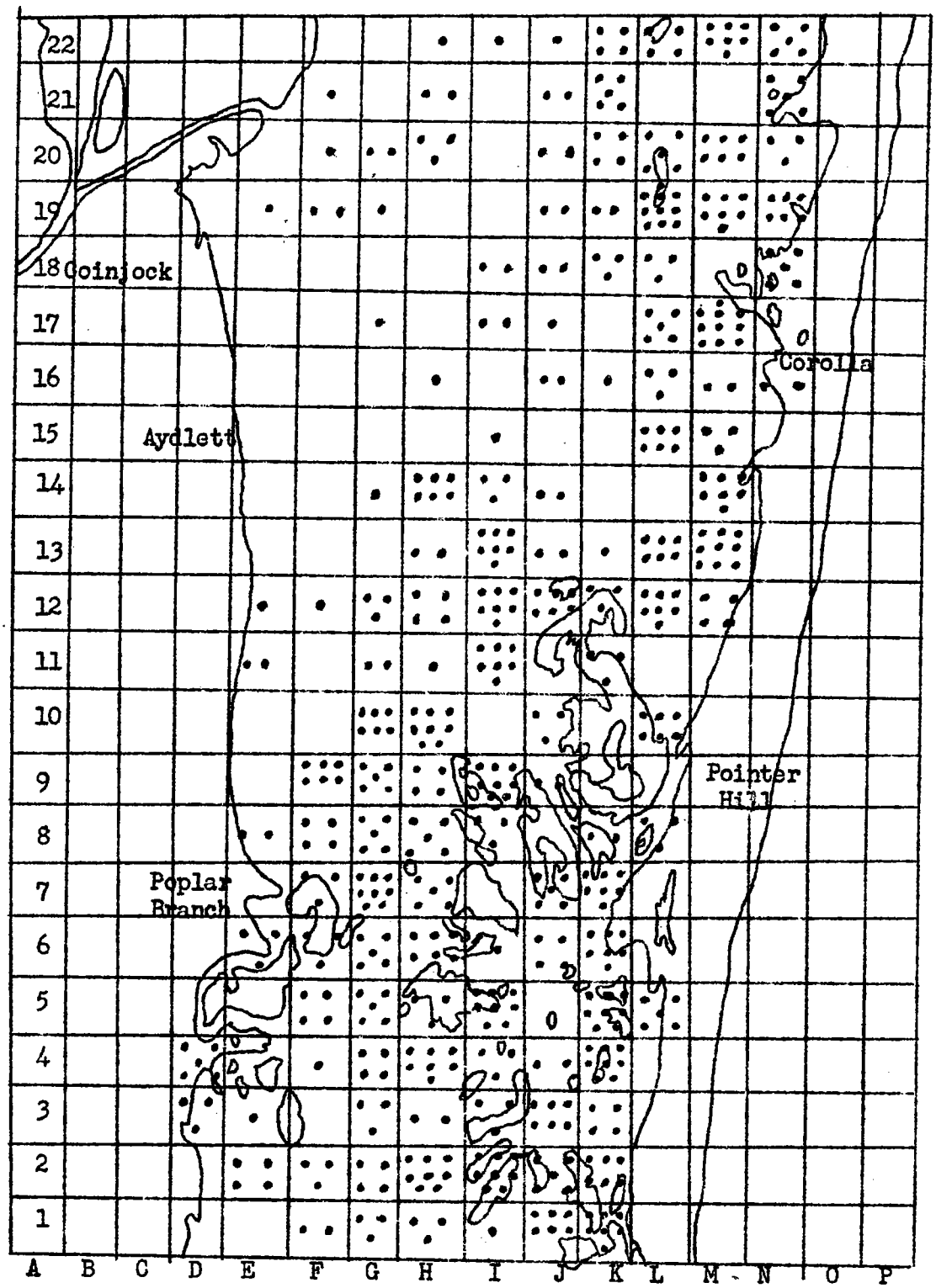

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Figure_____. Distribution of Sago Pondweed, Master Survey, Aug-Sept., 1960.

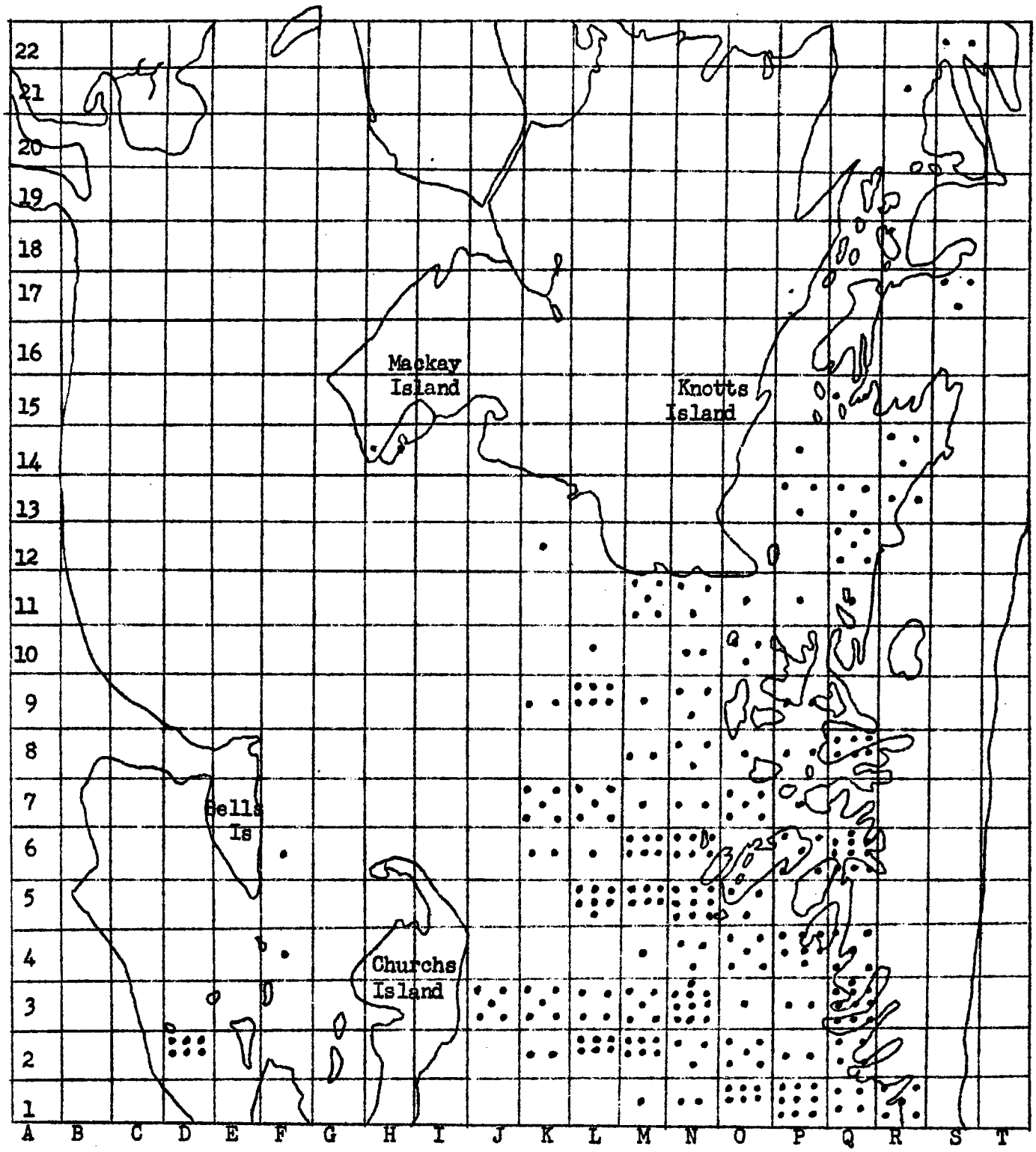

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Figure_____. Distribution of Sago Pondweed, Master Survey, August-September, 1960.

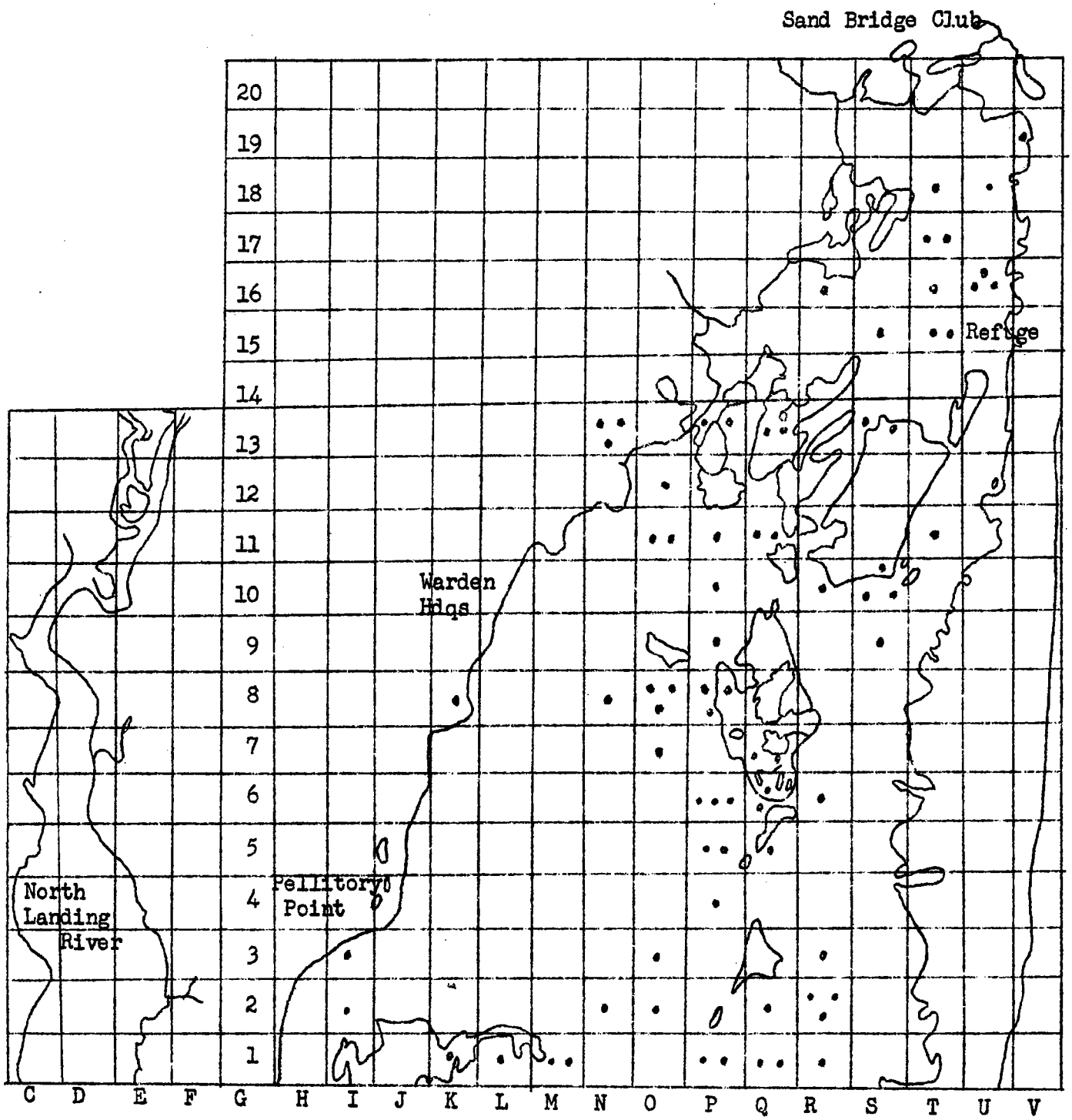

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Figure_____. Distribution of Sago pondwood, Master Survey, August-September, 1960.

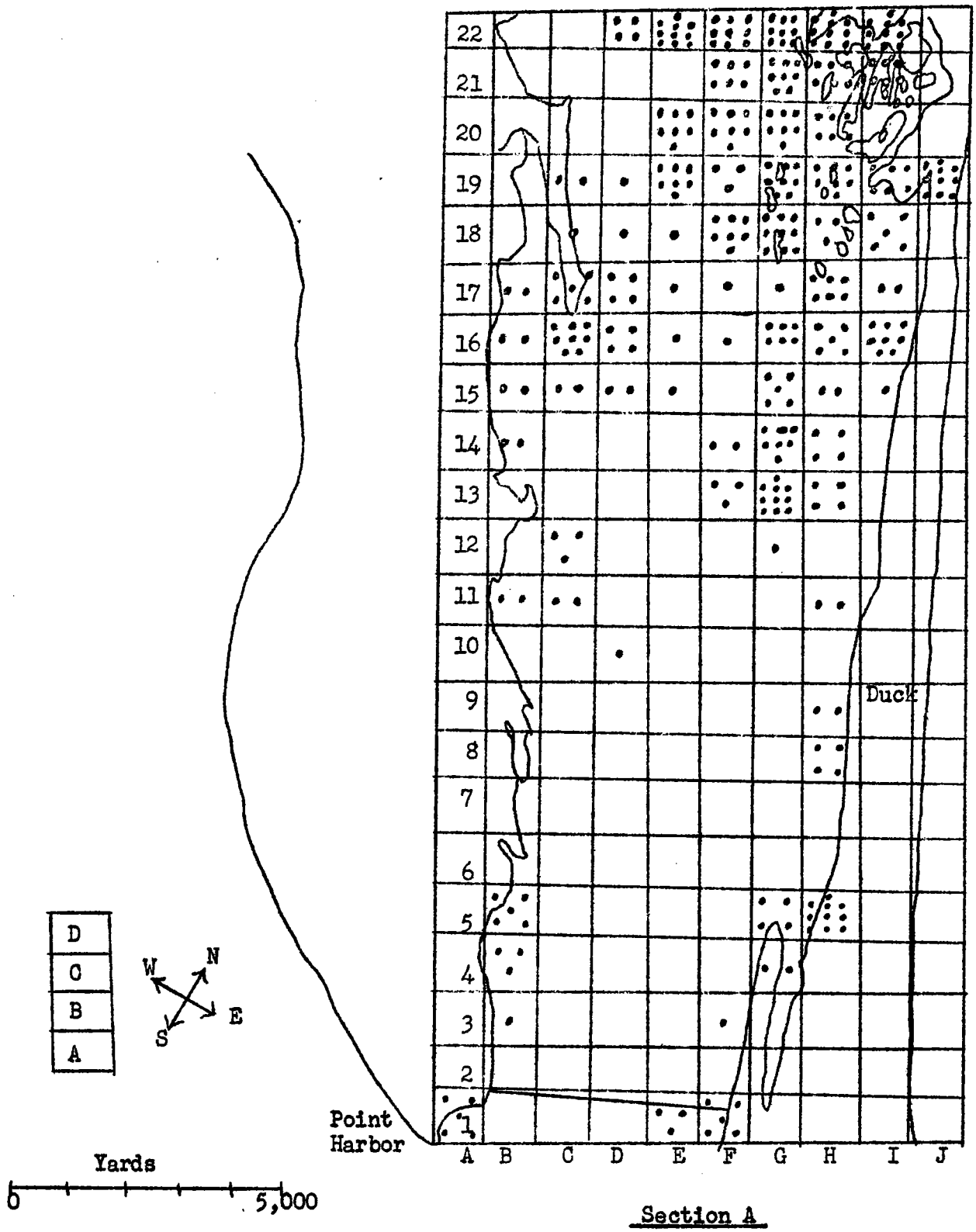

Figure_____. Distribution of Wild Celery, Master Survey, August-September, 1960.

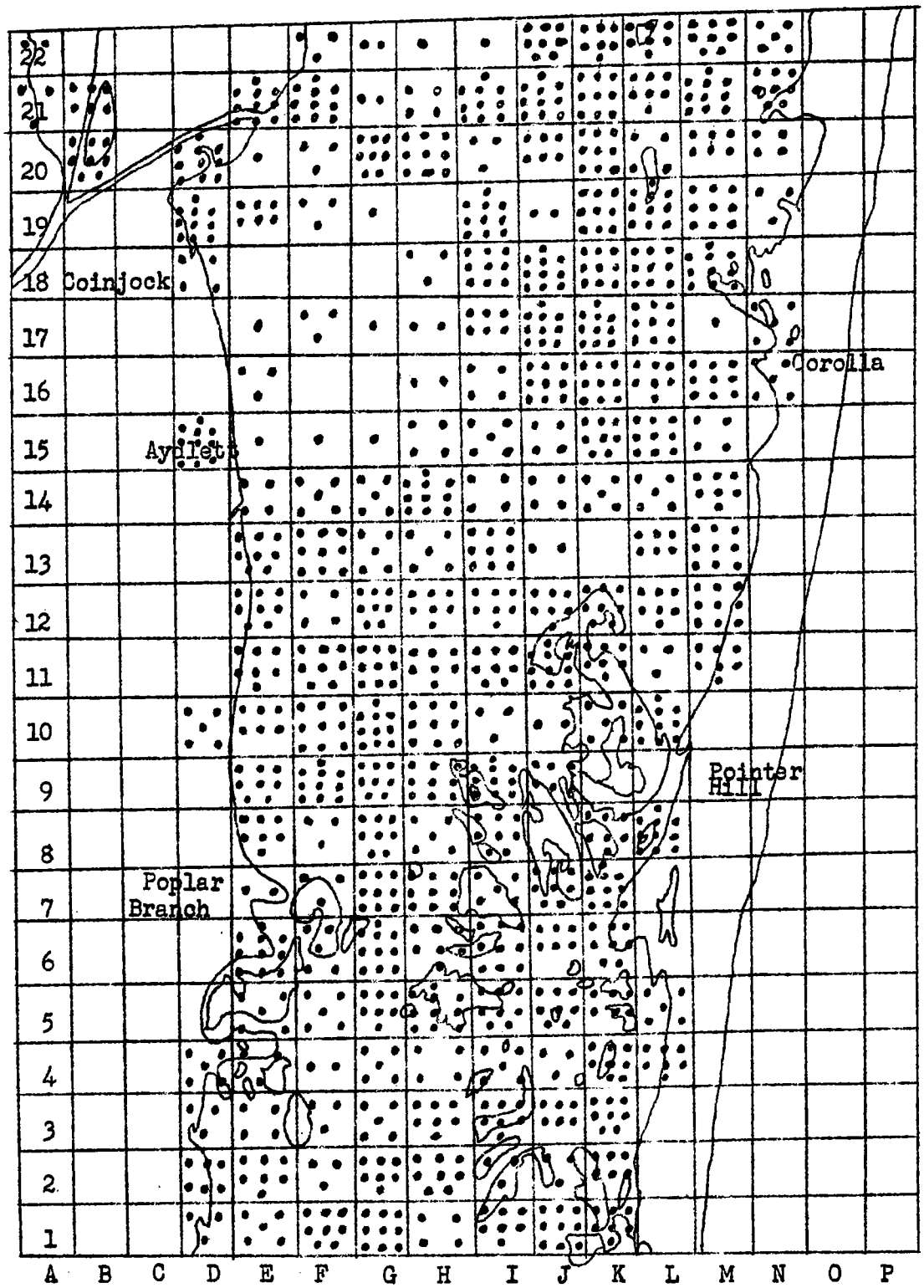

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Figure_____. Distribution of Wild Celery, Master Survey, Aug-Sept.,1960.

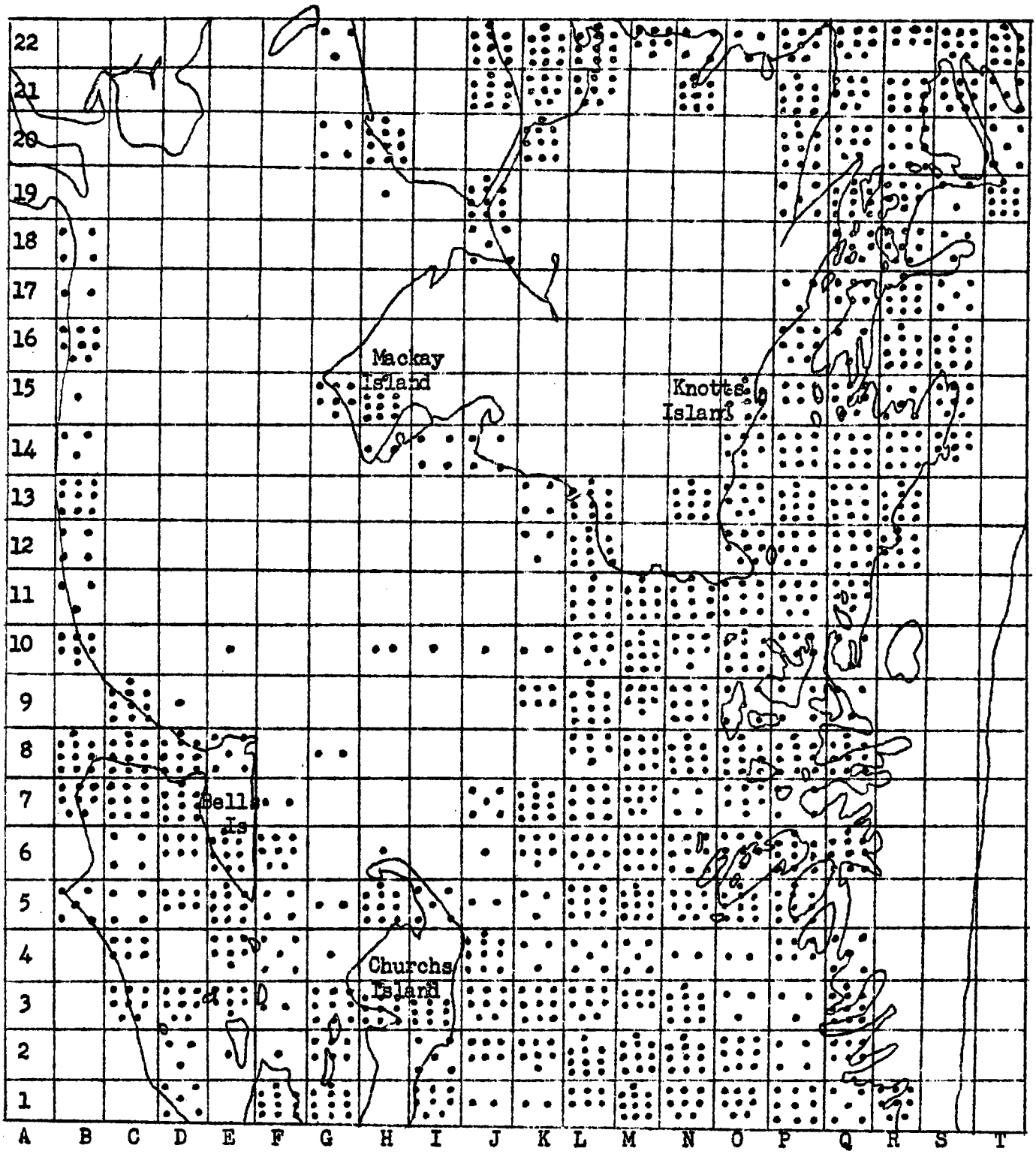

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Figure_____. Distribution of Wild Celery, Master Survey, August-September, 1960.

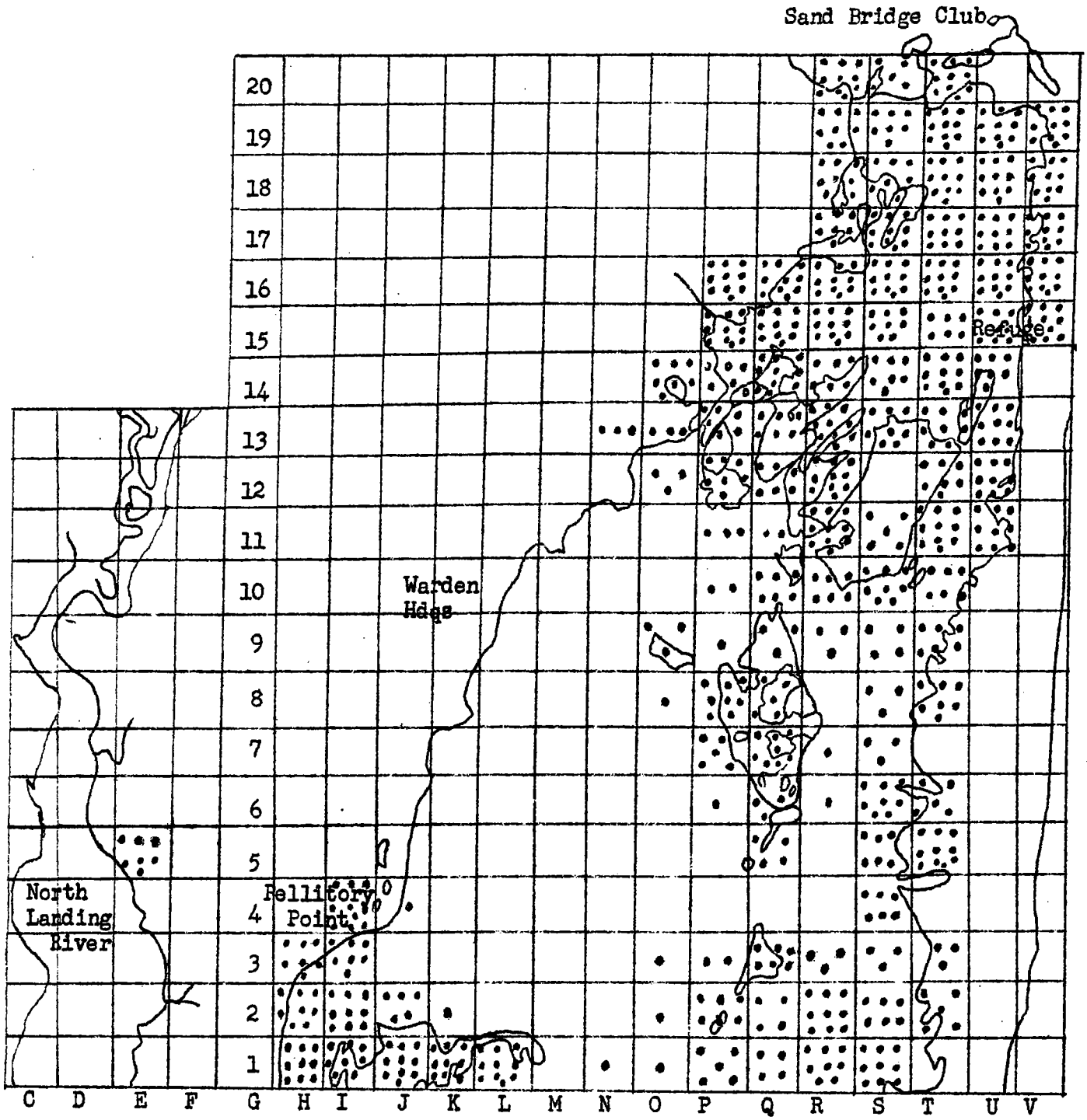

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Figure_____. Distribution of Wild Celery, Master Survey, Aug.-Sept., 1960.

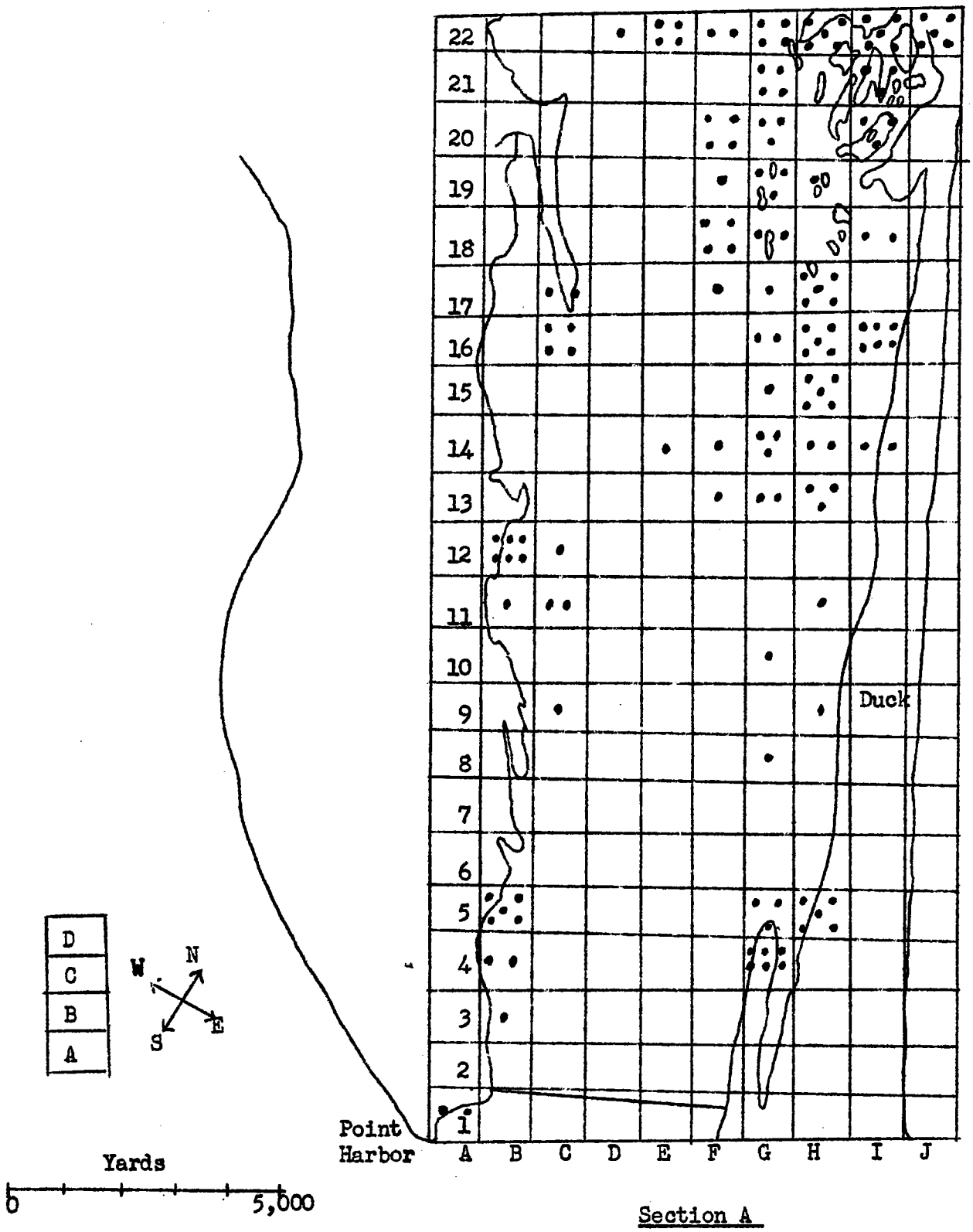

Figure_____. Distribution of Redhead Grass, Master Survey, August-September, 1960.

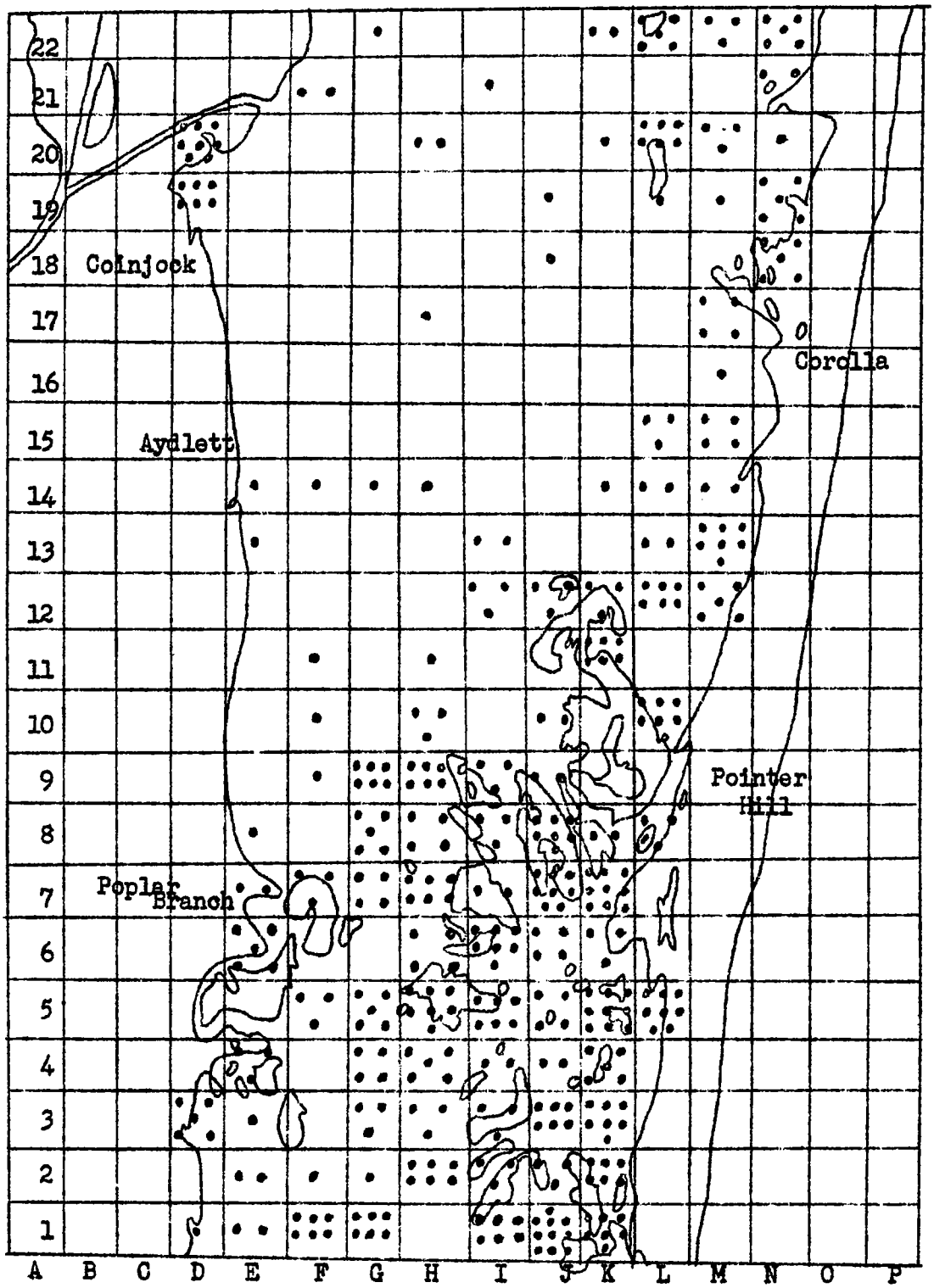

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Figure_____. Distribution of Redhead Grass, Master Survey, Aug-Sept., 1960.

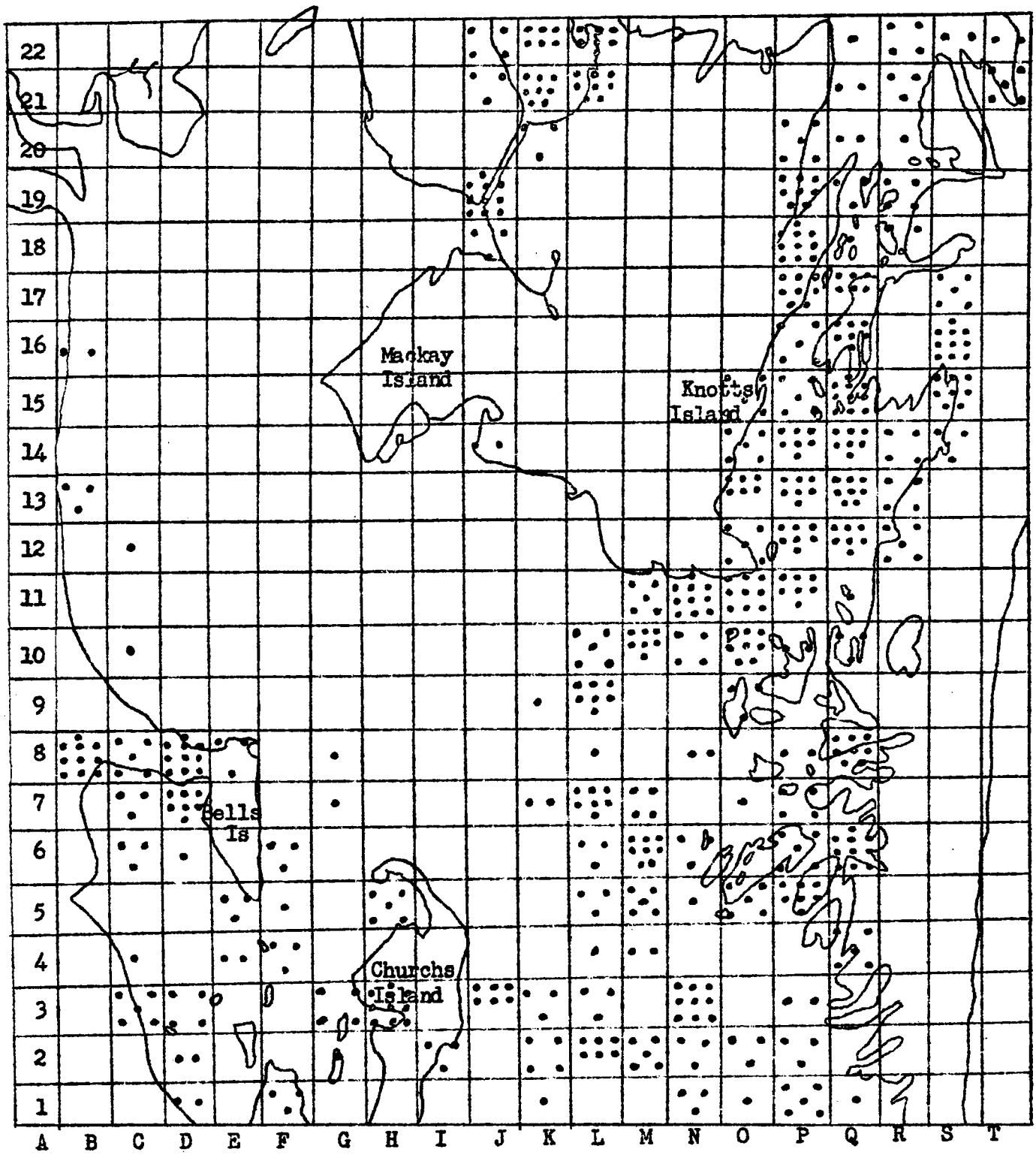

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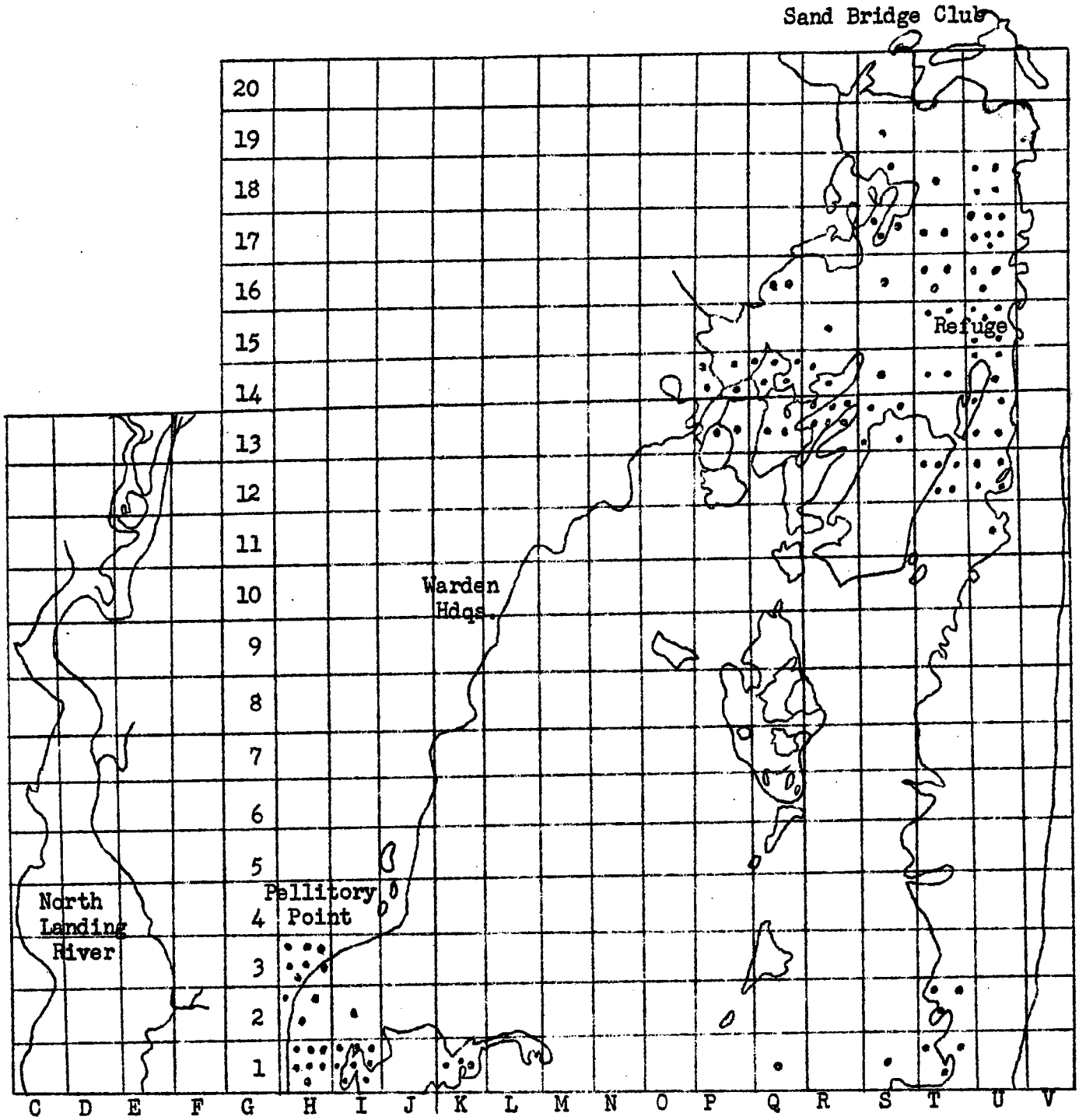
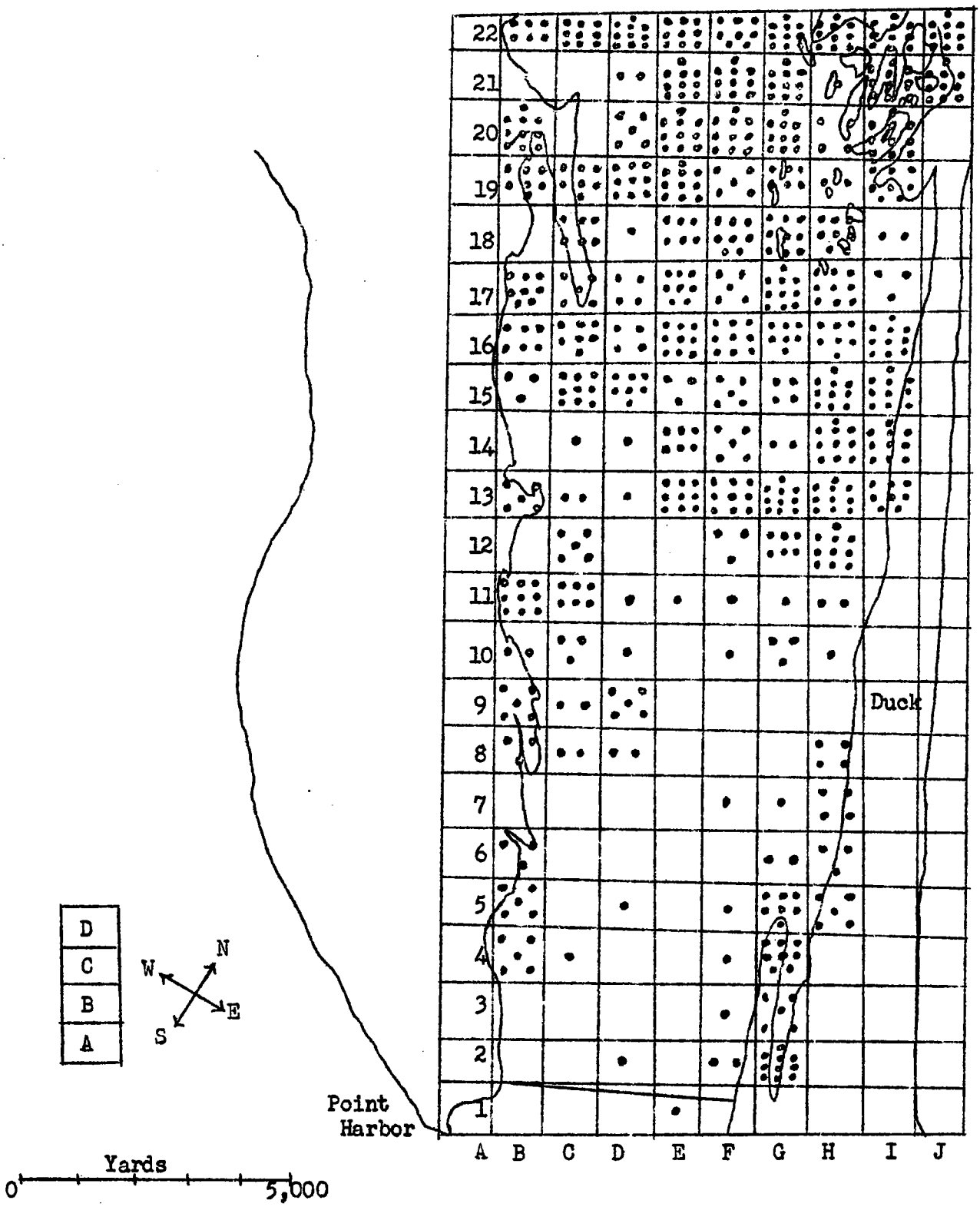
Figure_____. Distribution of Redhead Grass, Master Survey, August-September, 1960.



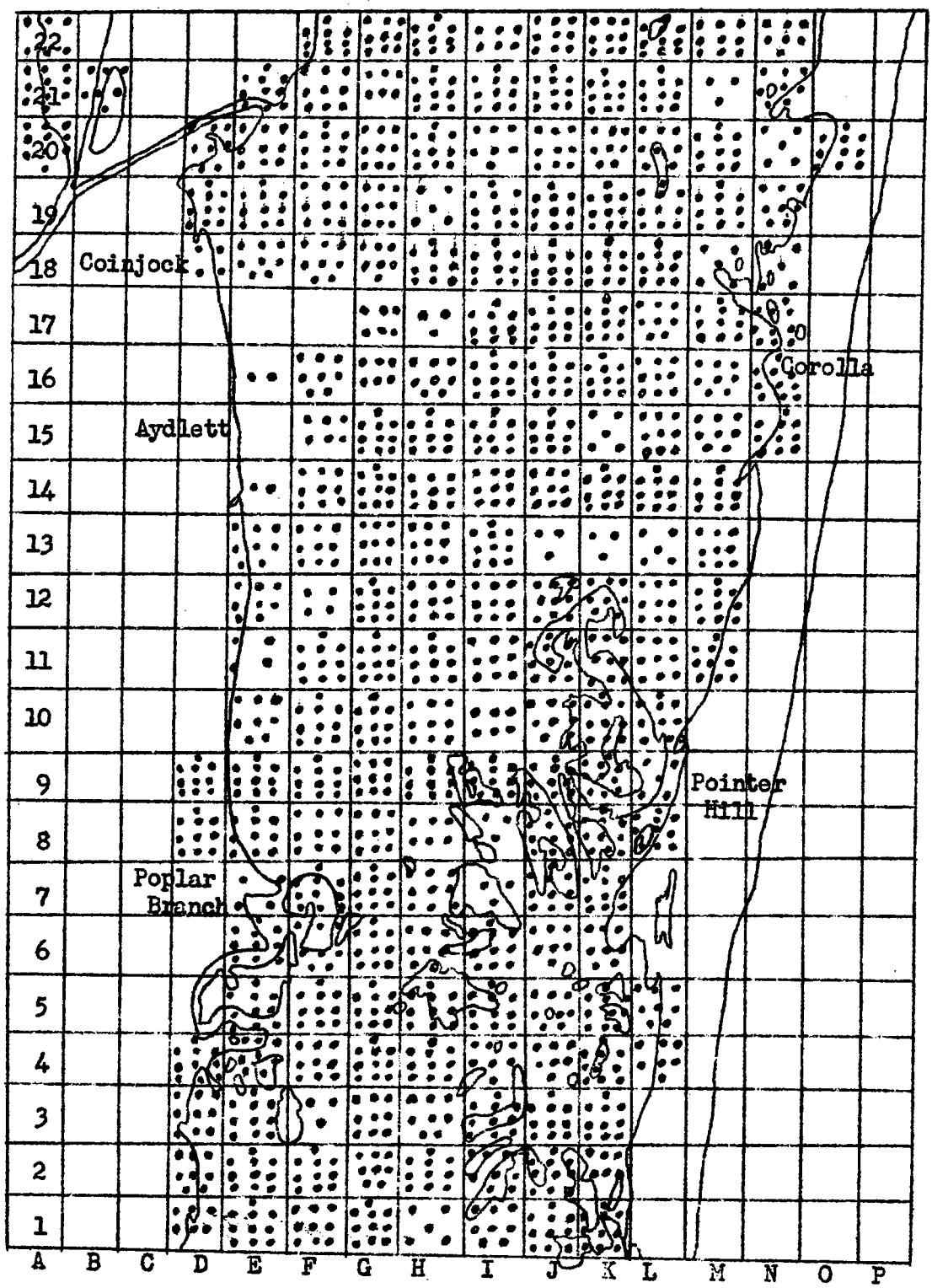
Section D

Figure _____. Distribution of Redhead Grass, Master Survey, August-September, 1960.



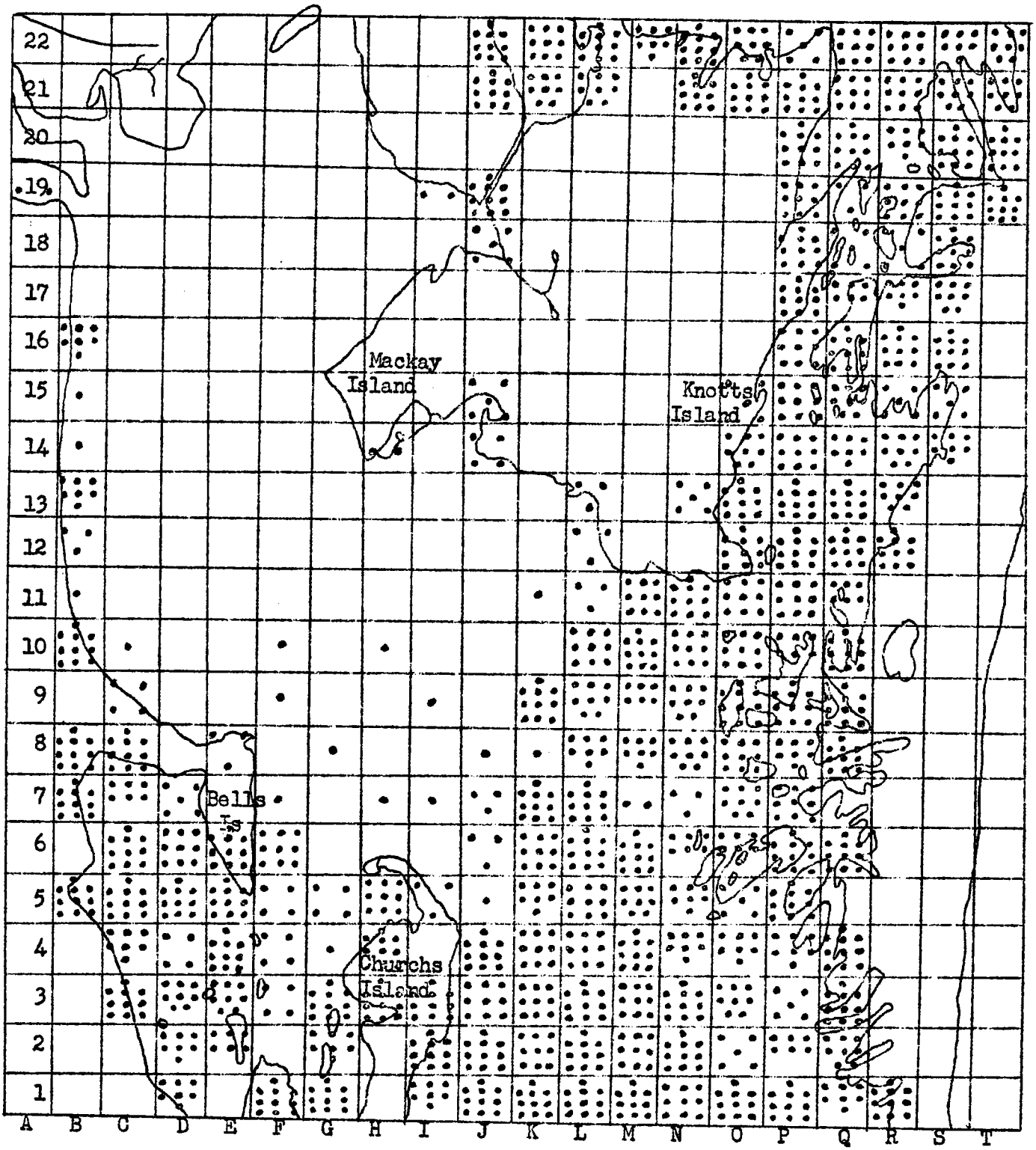
Section A

Figure_____. Distribution of Najas sp., Master Survey, August-September, 1960.



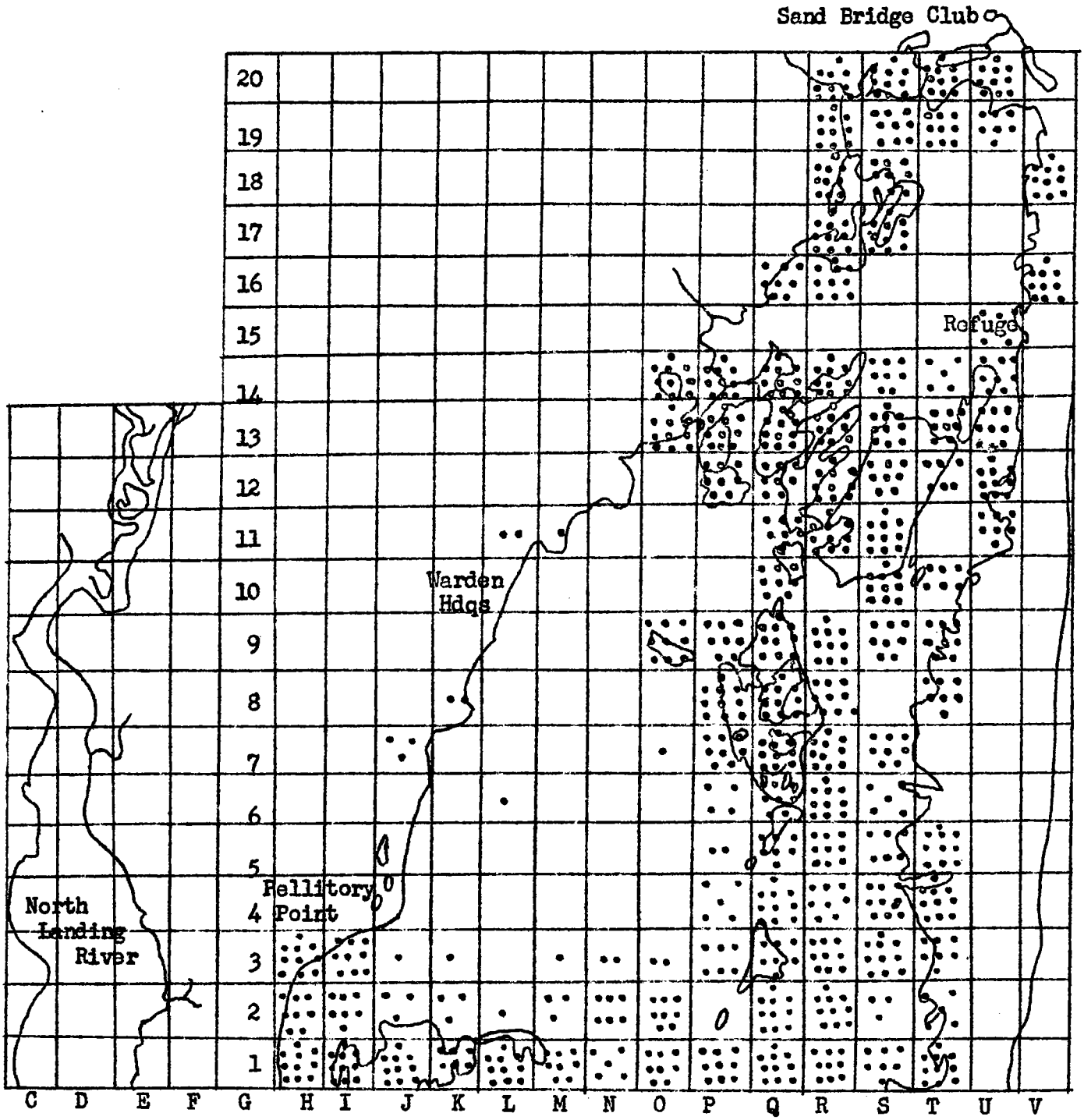
Section B

Figure_____. Distribution of Najas sp., Master Survey, Aug.-Sept., 1960.



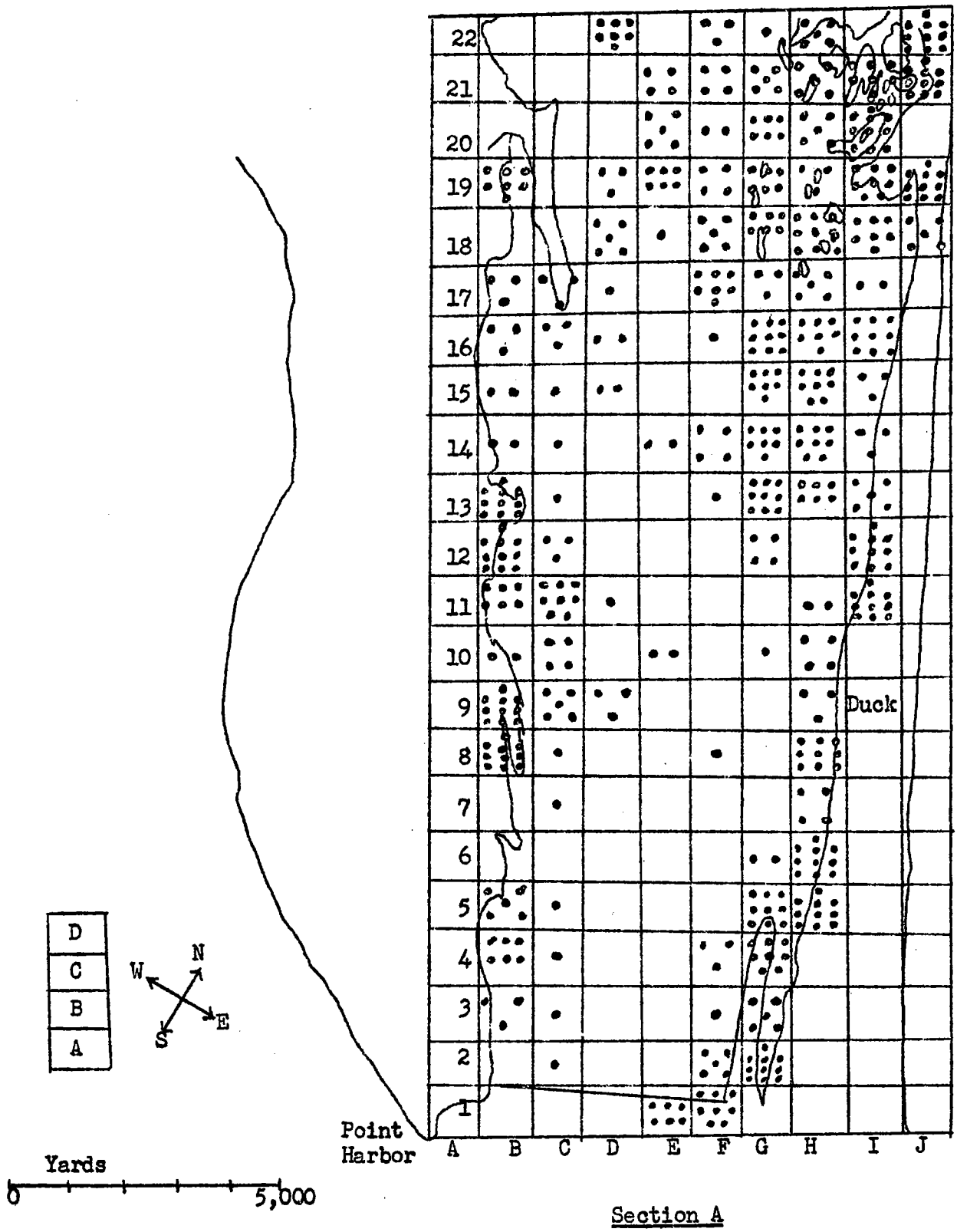
Section C

Figure_____. Distribution of Najas sp., Master Survey, August-September, 1960.



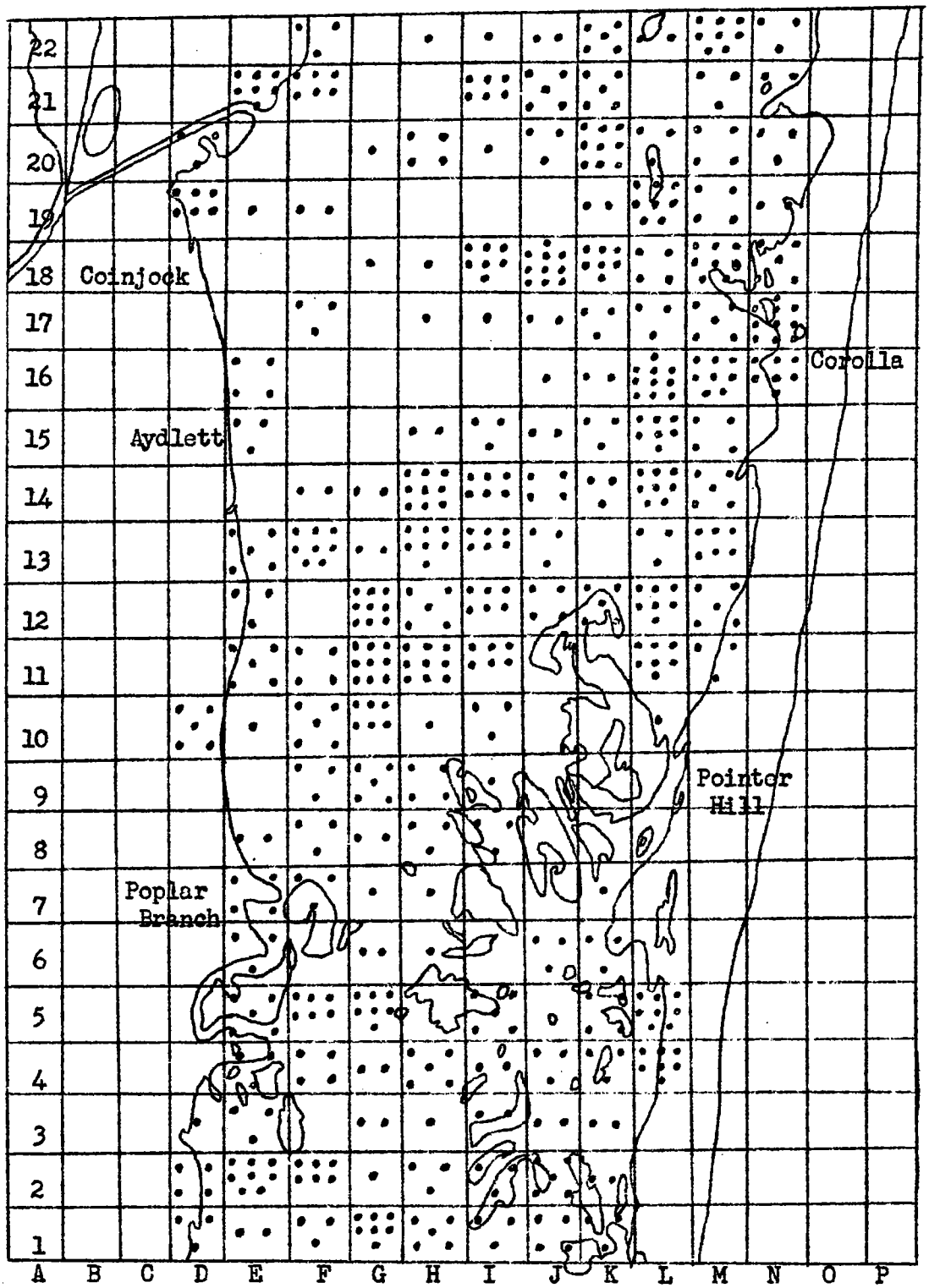
Section D

Figure_____. Distribution of Najas sp., Master Survey, August-September, 1960.



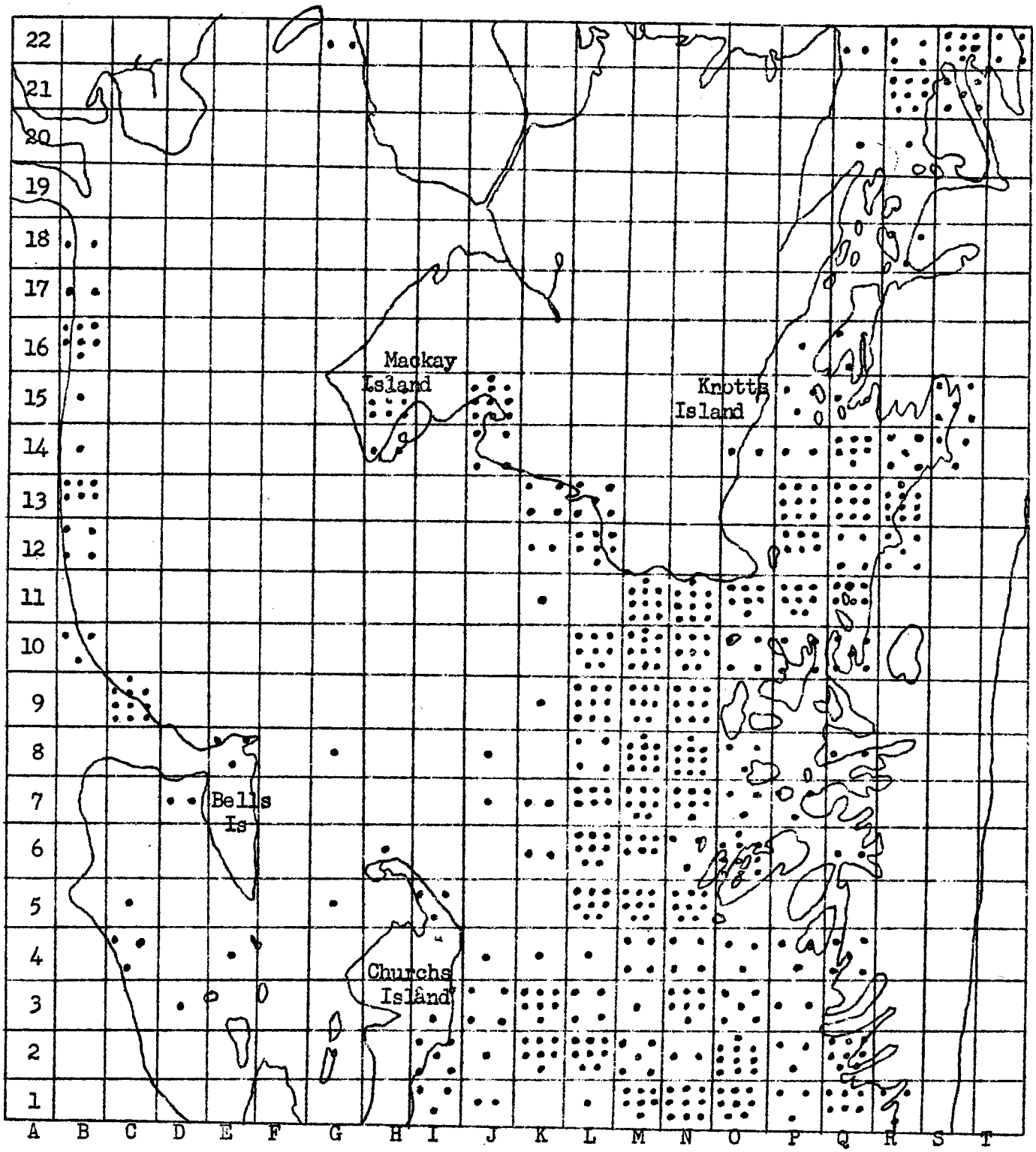
Section A

Figure _____. Distribution of Widgeon Grass, Master-Survey, August-September, 1960.



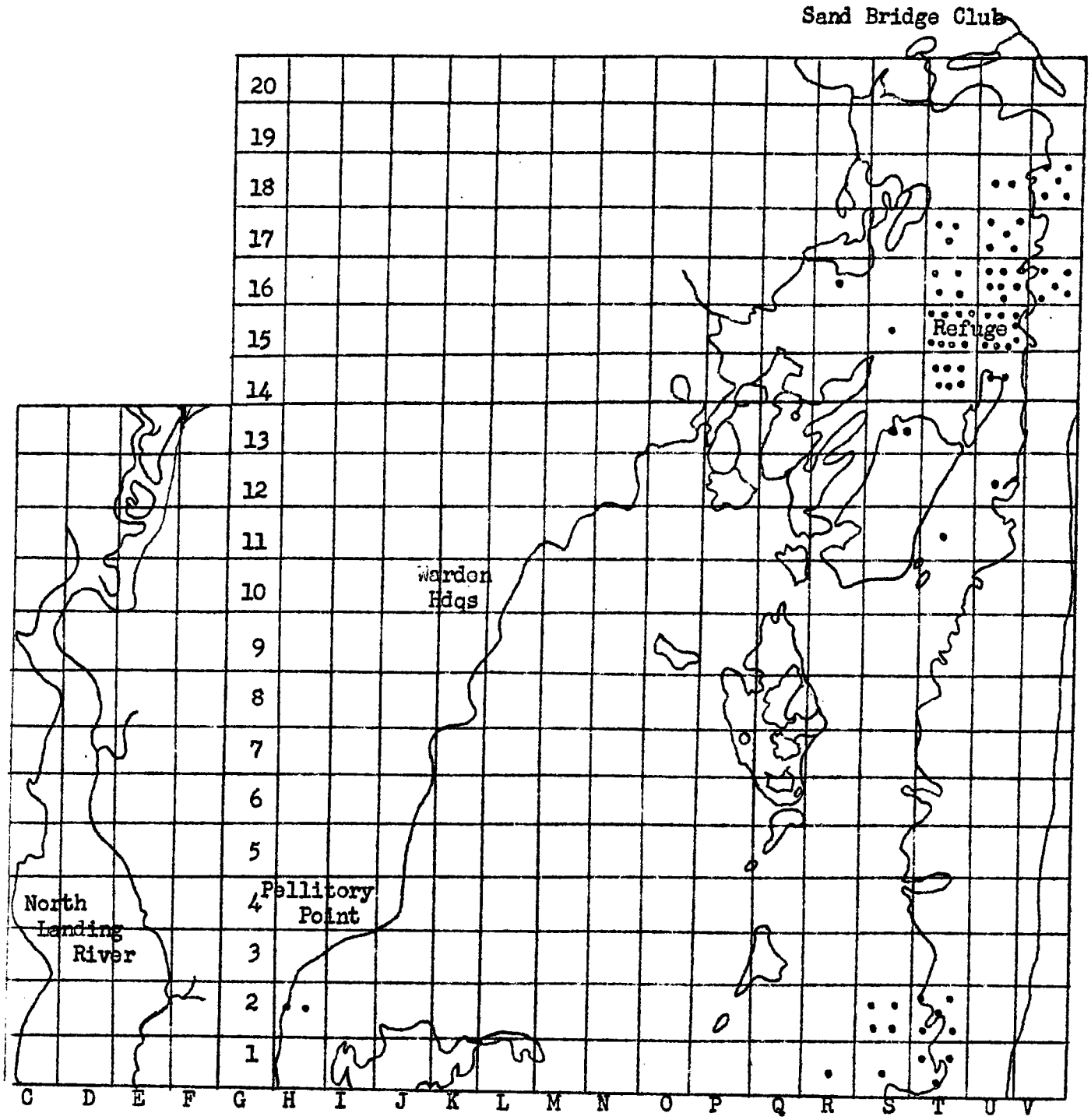
Section B

Figure_____. Distribution of Widgeon Grass, Master Survey, Aug-Sept., 1960.



Section C

Figure_____. Distribution of Widgeon Grass, Master Survey, Aug.-Sept., 1960.



Section D

Figure_____. Distribution of Widgeon Grass, Master Survey, August-September, 1960.

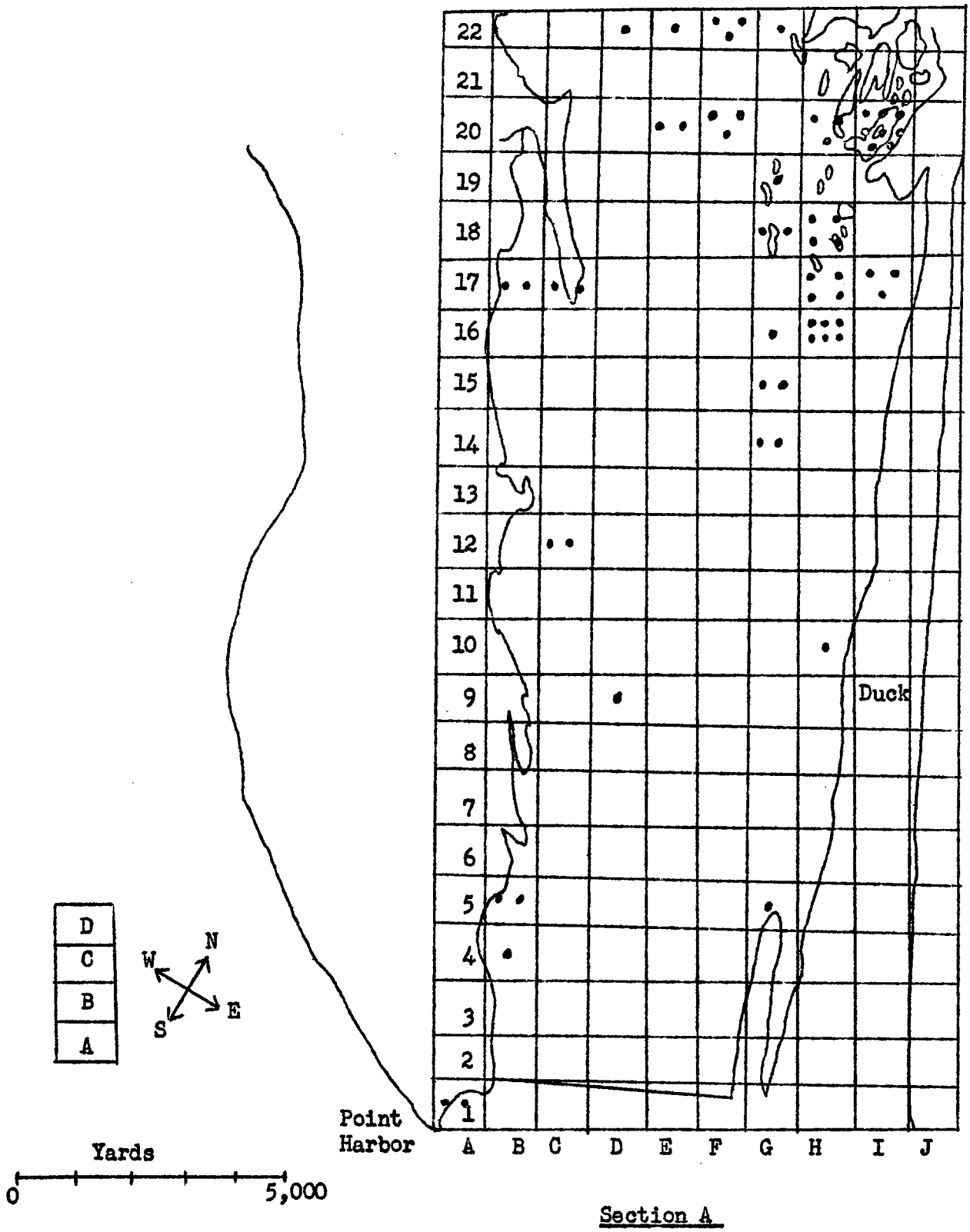


Figure_____. Distribution of Chara sp., Master Survey, August-September, 1960.

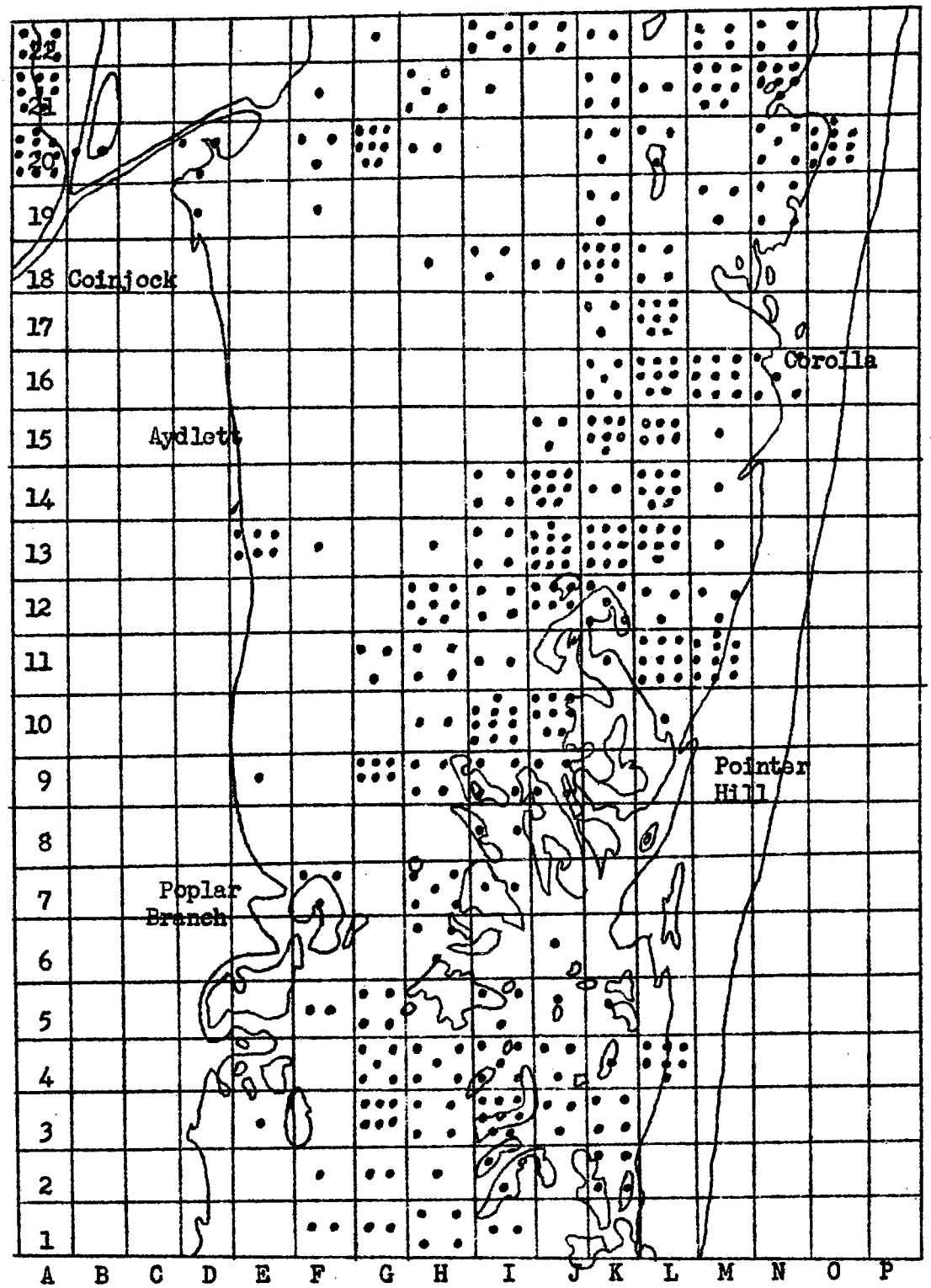


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Figure_____. Distribution of Chara sp., Master Survey, August-September, 1960.

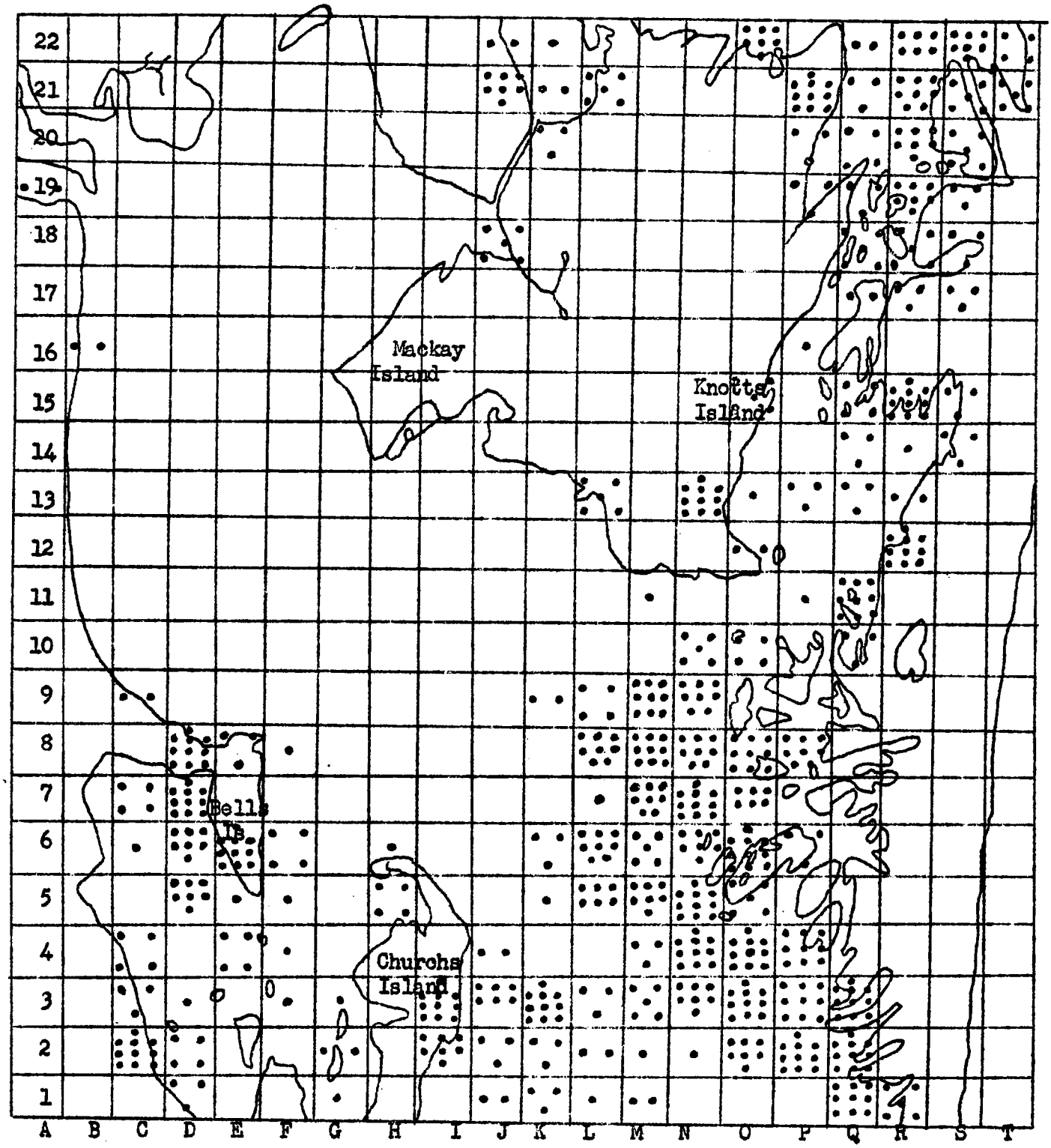

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Figure_____. Distribution of Chara sp., Master Survey, August-September, 1960.

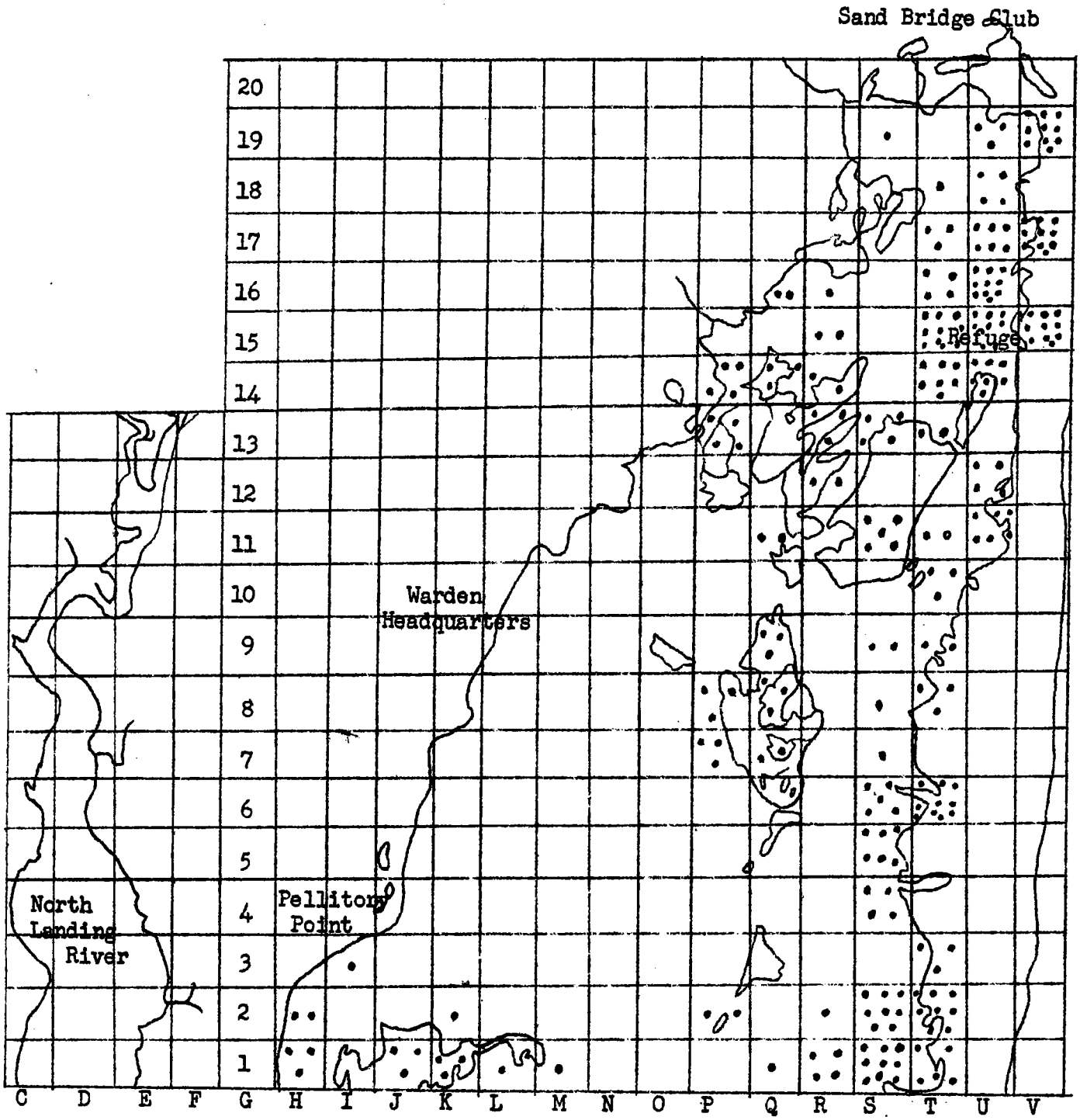

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Figure_____. Distribution of Chara, Master Survey, August-September, 1960.

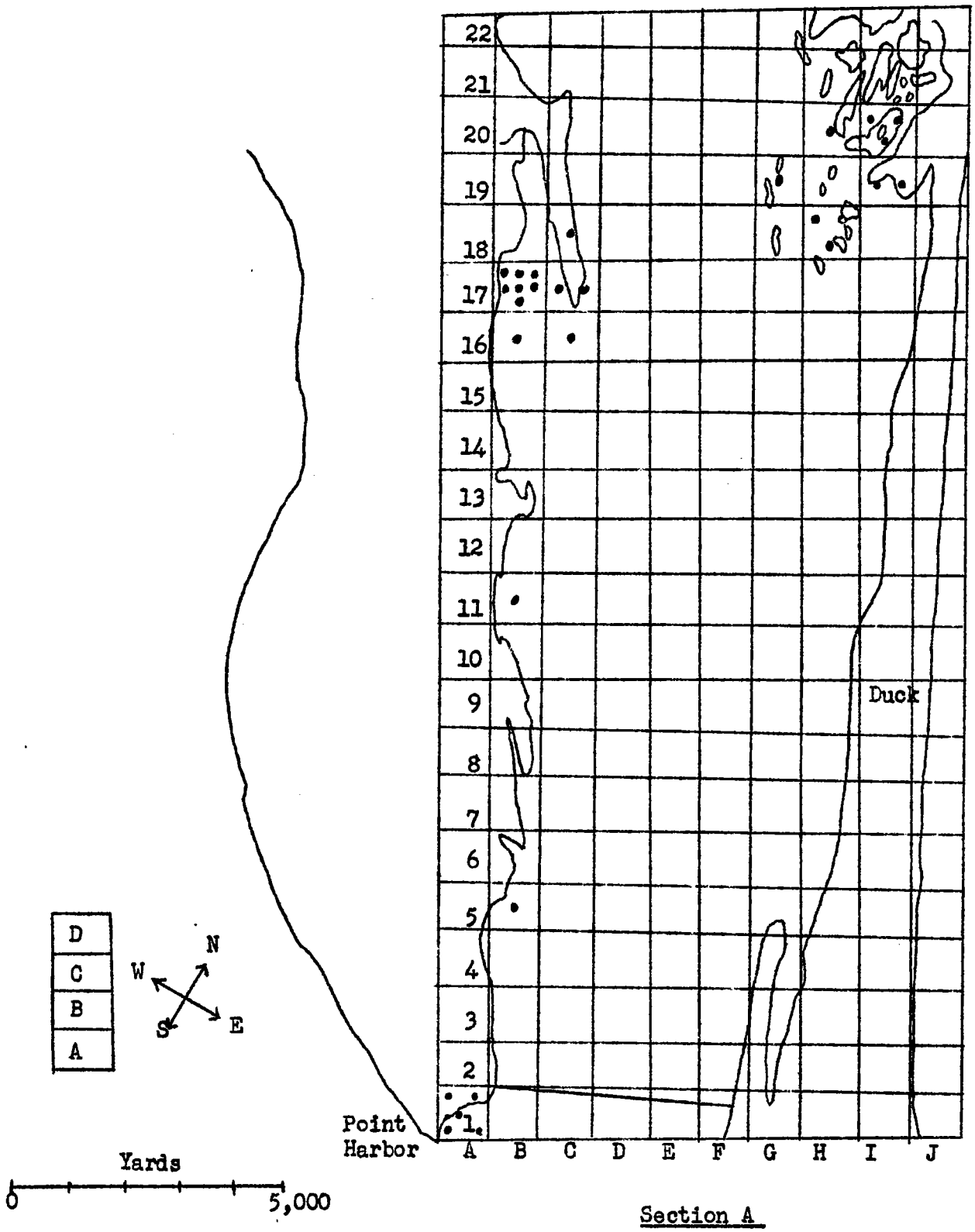

Figure_____. Distribution of Nitella sp., Master Survey, August-September, 1960.

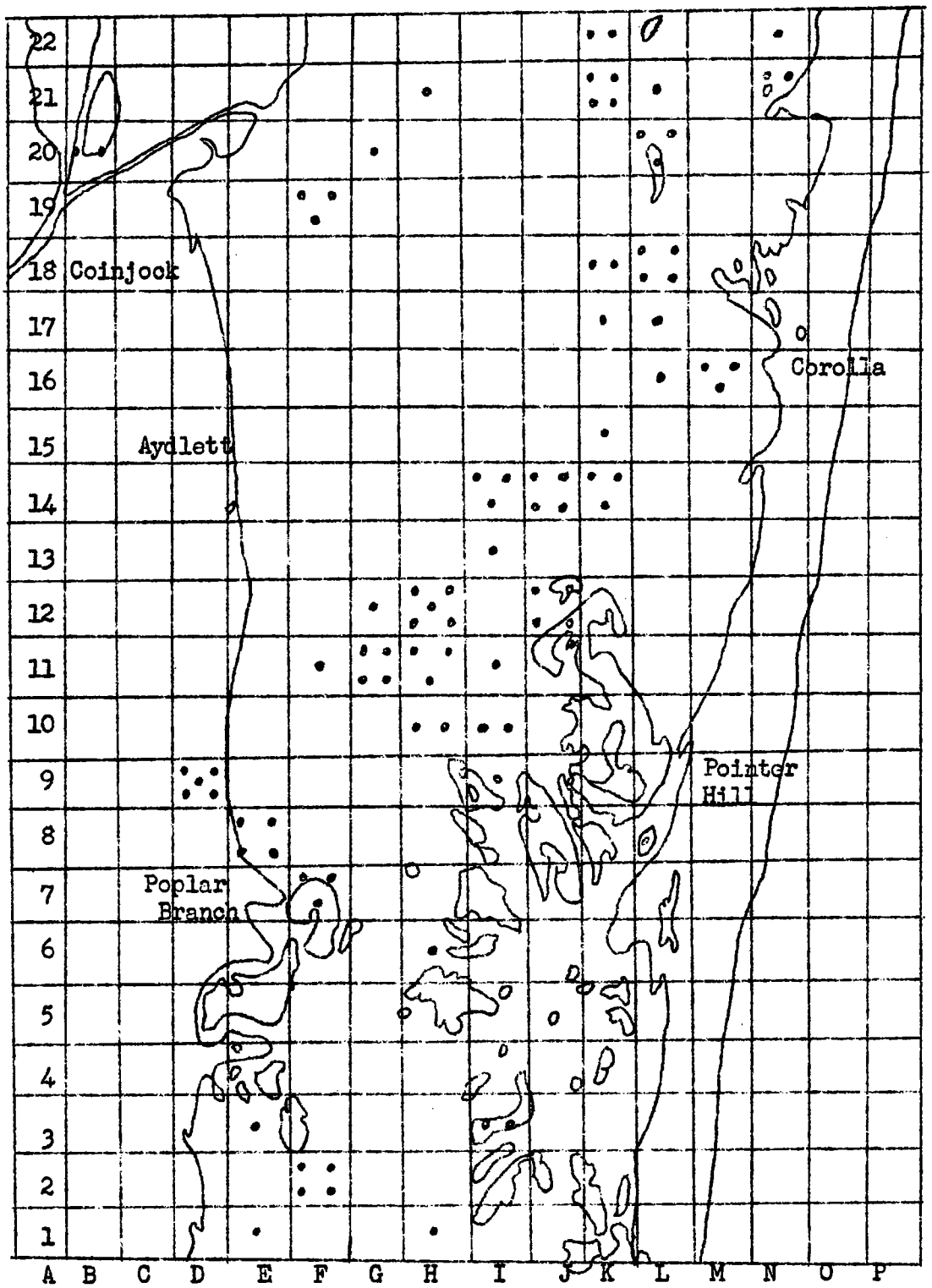

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Figure_____. Distribution of Nitella sp., Master Survey, Aug-Sept., 1960.

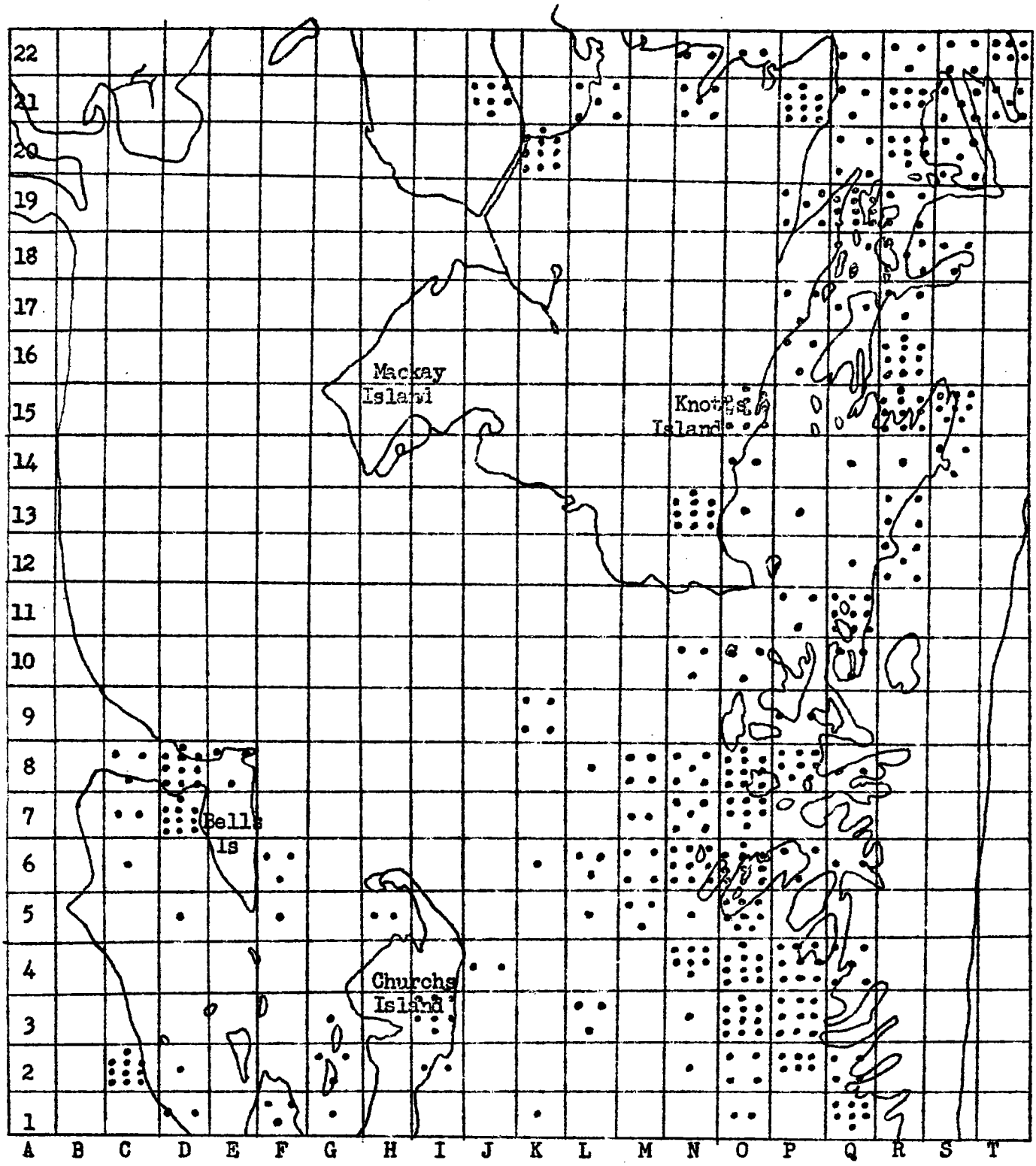

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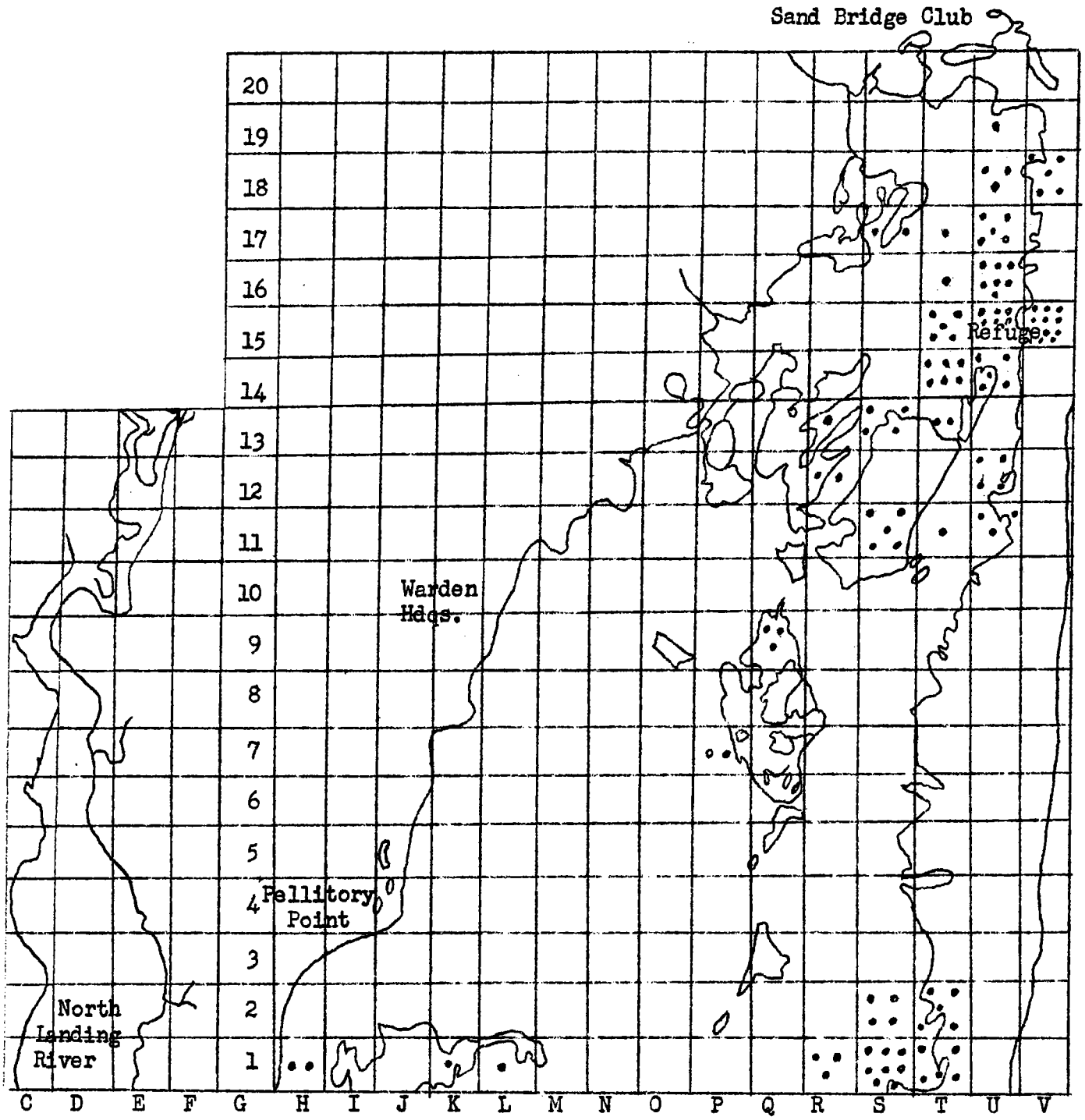
Figure_____. Distribution of Nitella sp., Master Survey, August-September, 1960.



Section D

Figure _____. Distribution of Nitella, Master Survey, August-September, 1960.

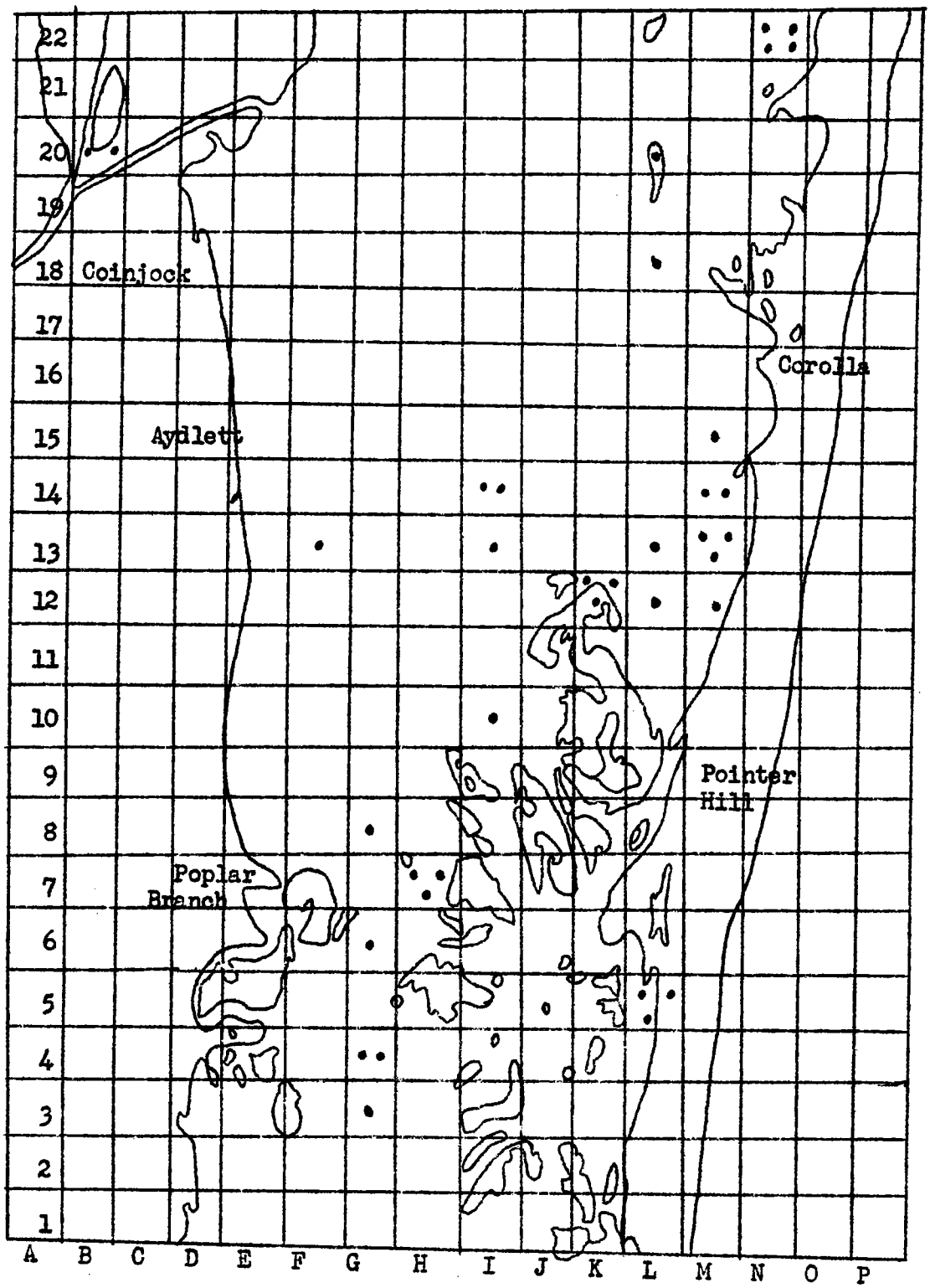


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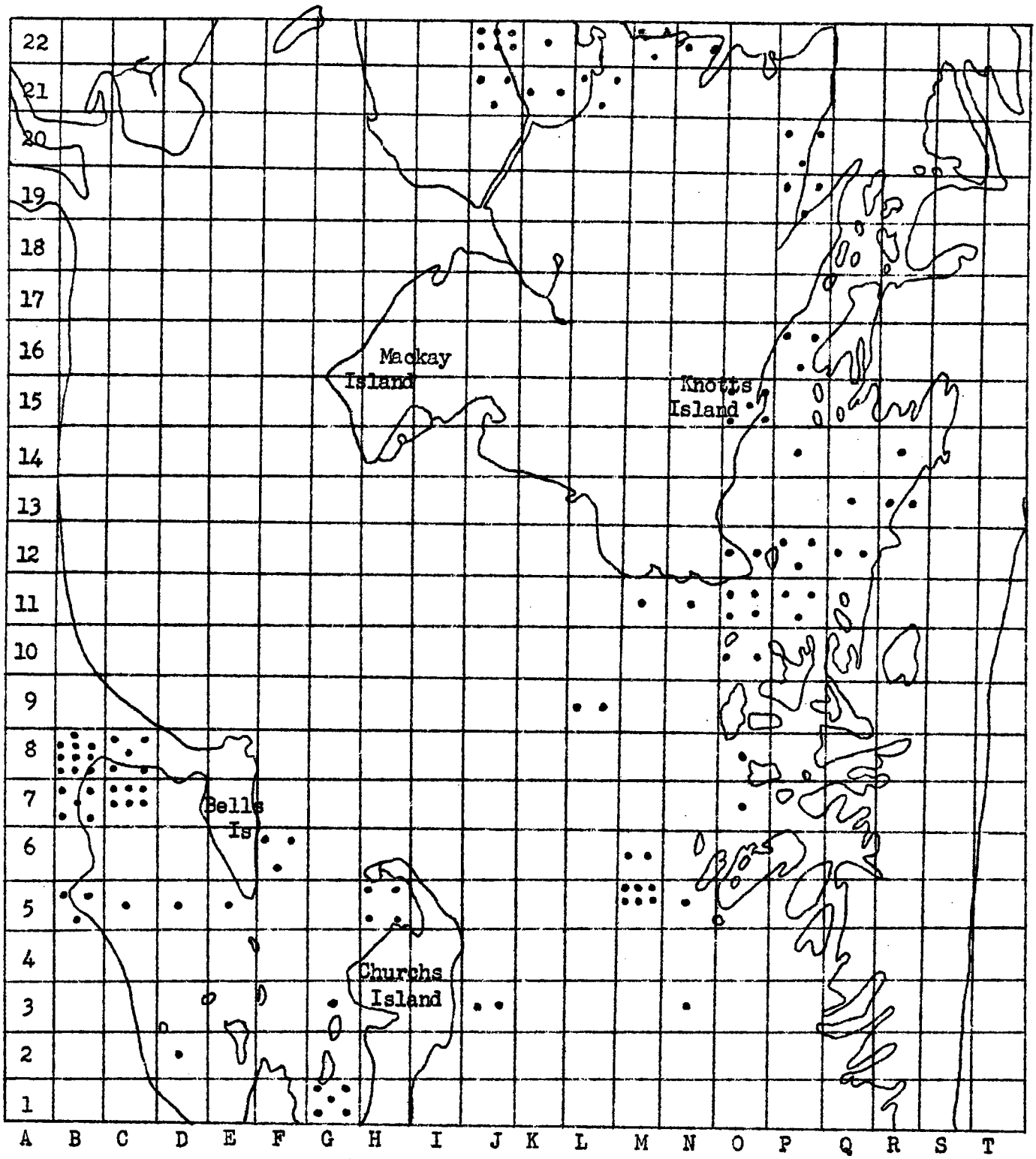
Figure_____. Distribution of Eleocharis parvula, Master Survey, August-September, 1960.



Section C

Figure_____. Distribution of Eleocharis parvula, Master Survey, Aug.-Sept., 1960.

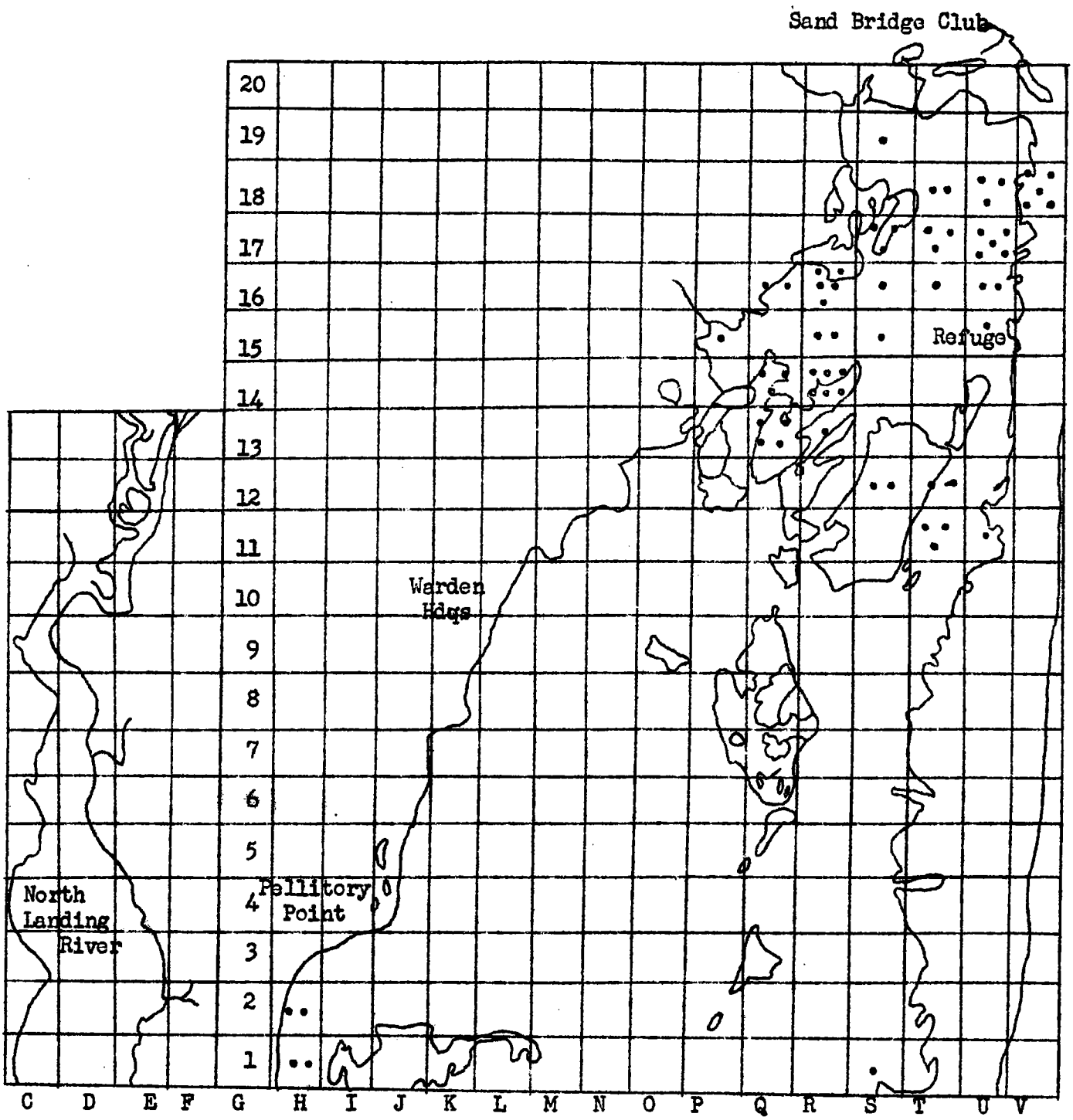


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Figure_____. Distribution of Eleocharis parvula, Master Survey, August-Sept., 1960.

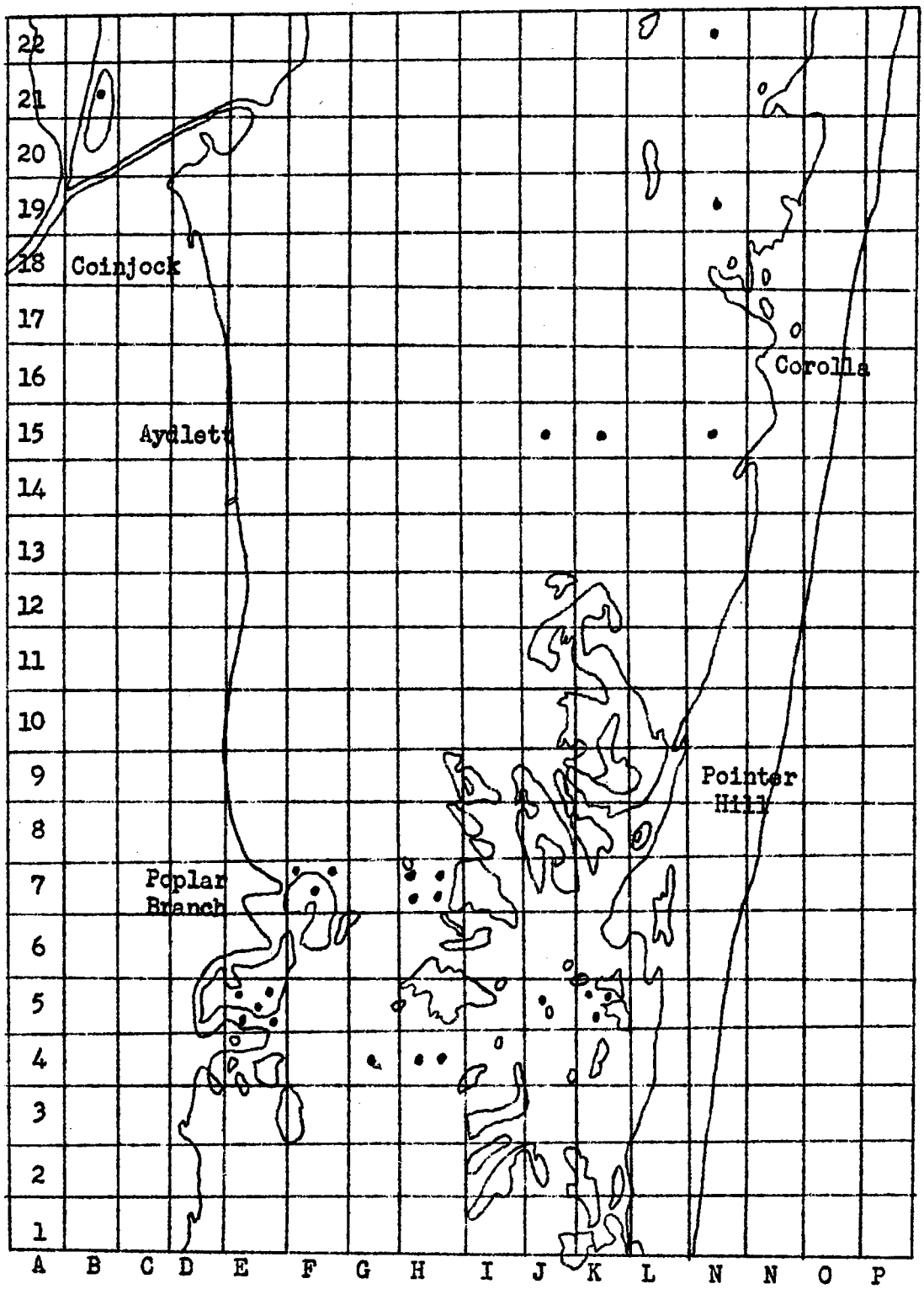

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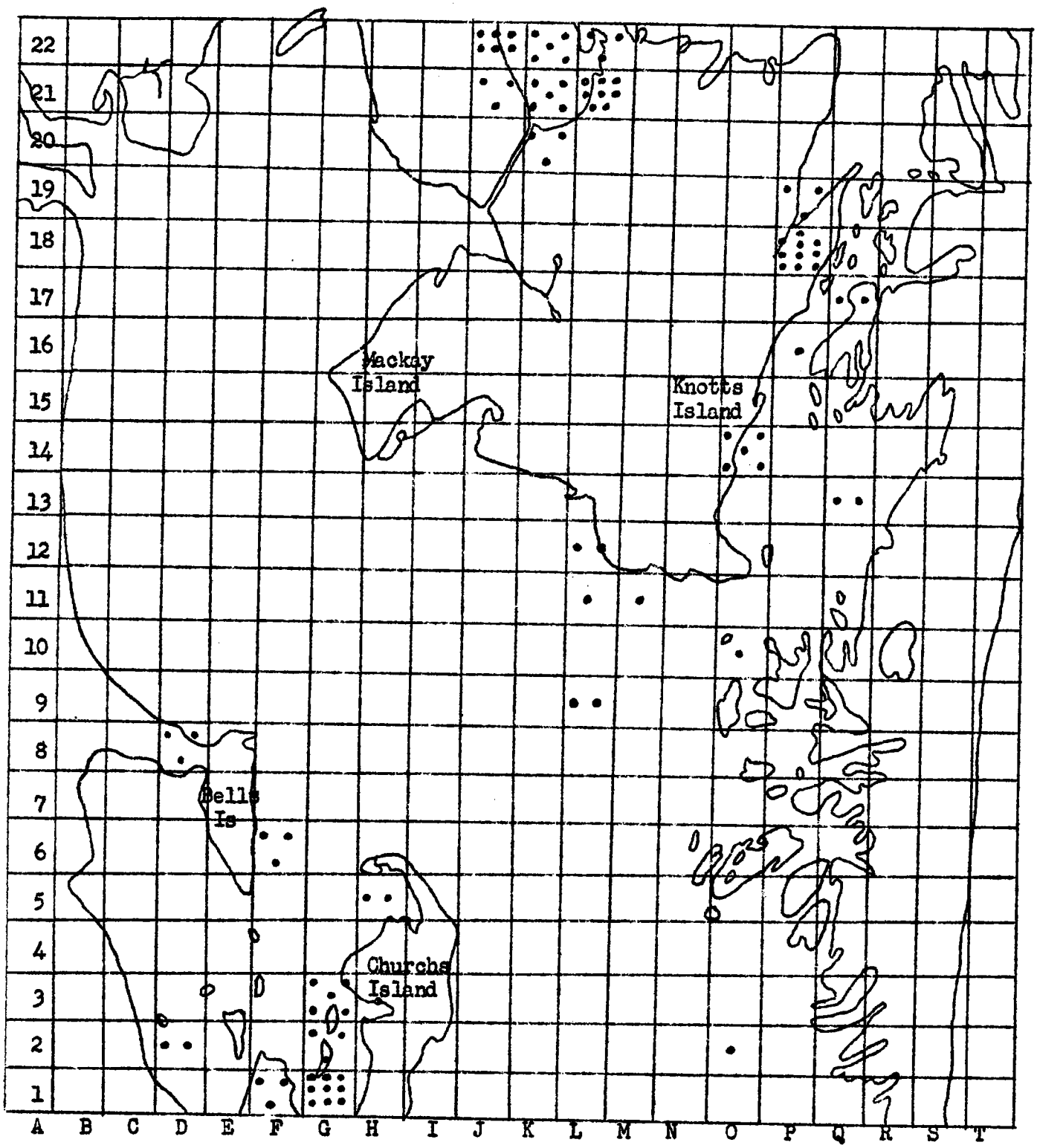
Figure_____. Distribution of Sagittaria subulata, Master Survey, August-September, 1960.



Section C

Figure_____. Distribution of Sagittaria subulata, Master Survey, Aug.-Sept., 1960.

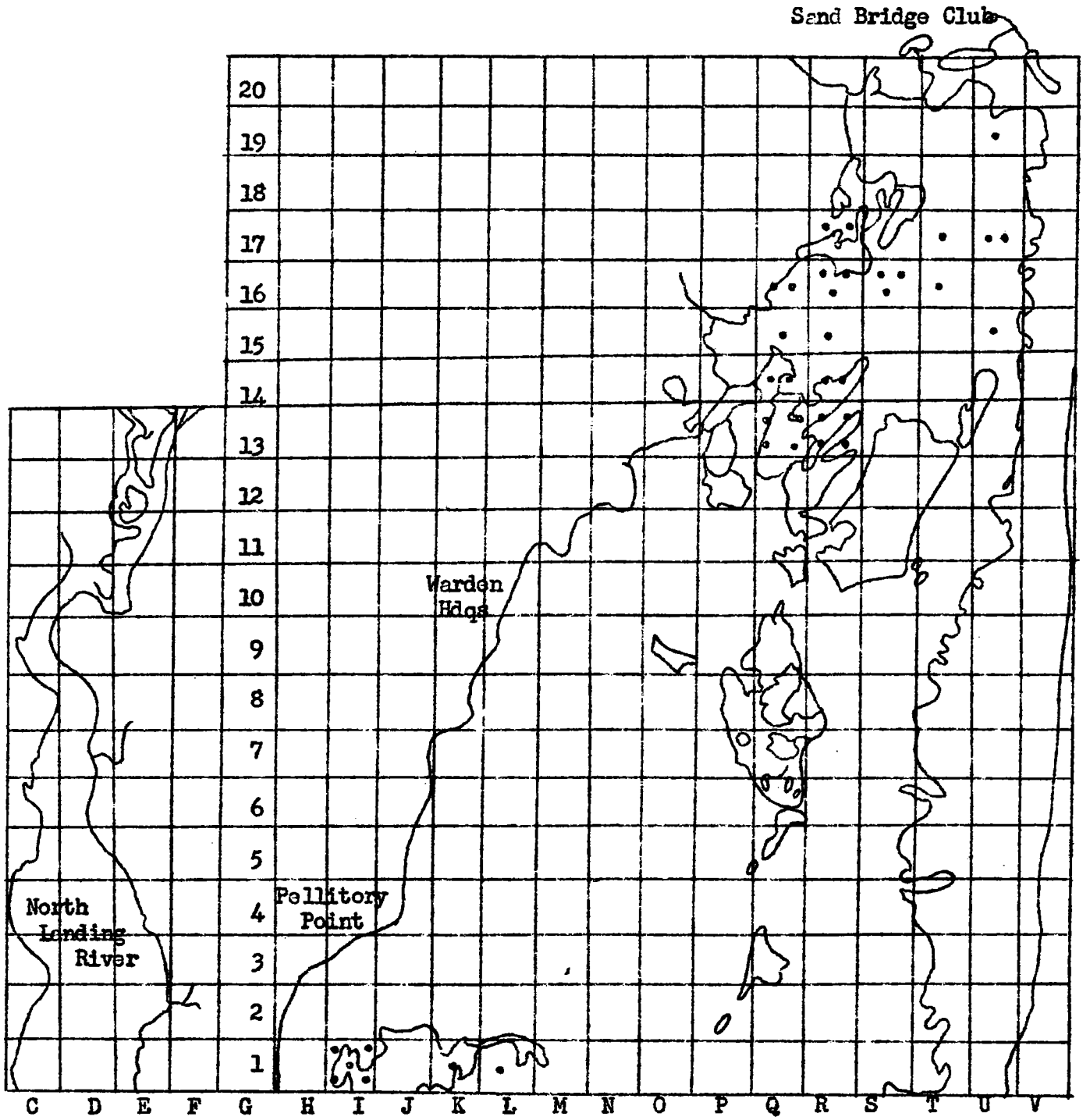


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Figure_____. Distribution of Sagittaria subulata, Master Survey, Aug.-Sept., 1960.

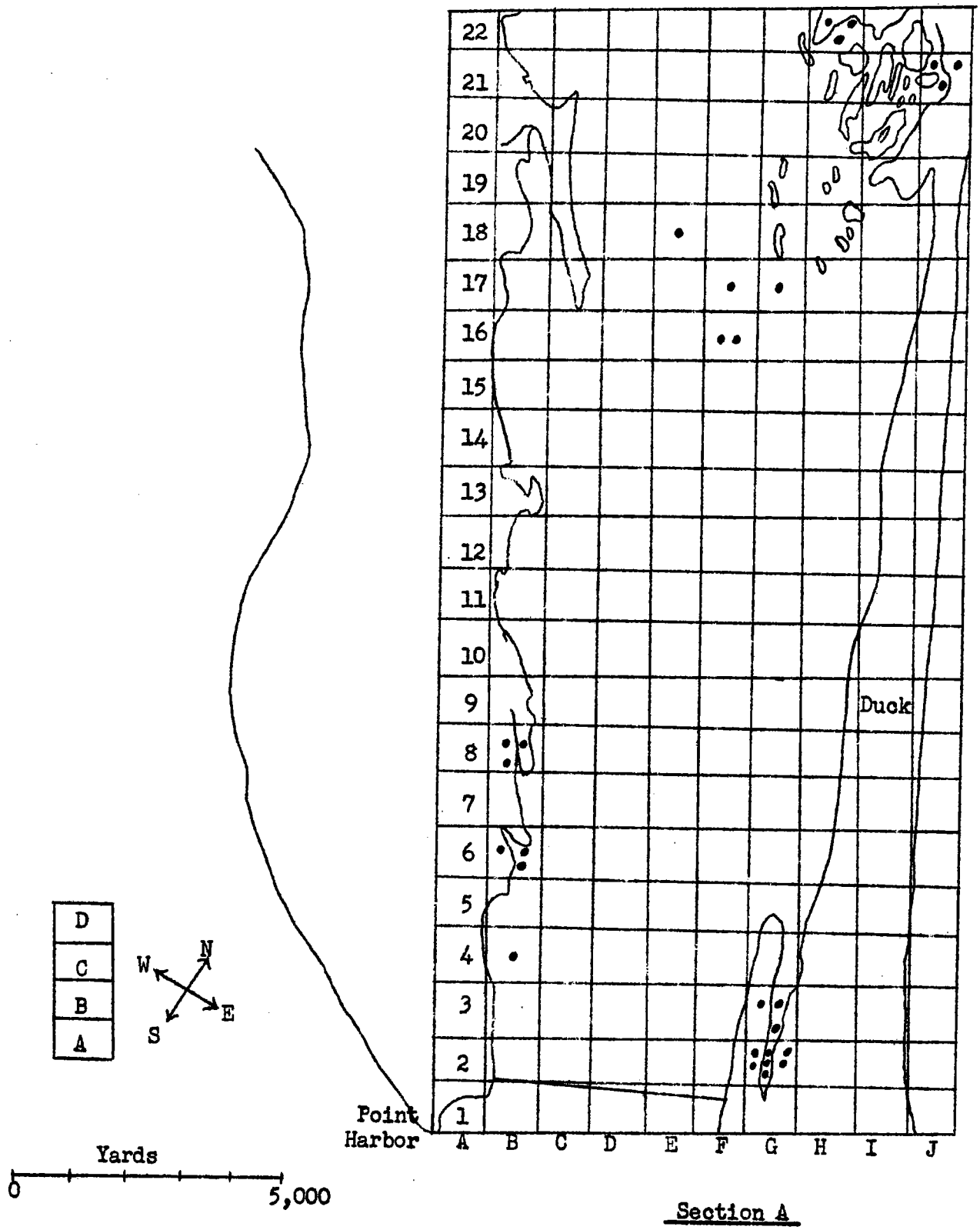

Figure_____. Distribution of Potamogeton berchtoldi, Master Survey, Aug-Sept.,1960.

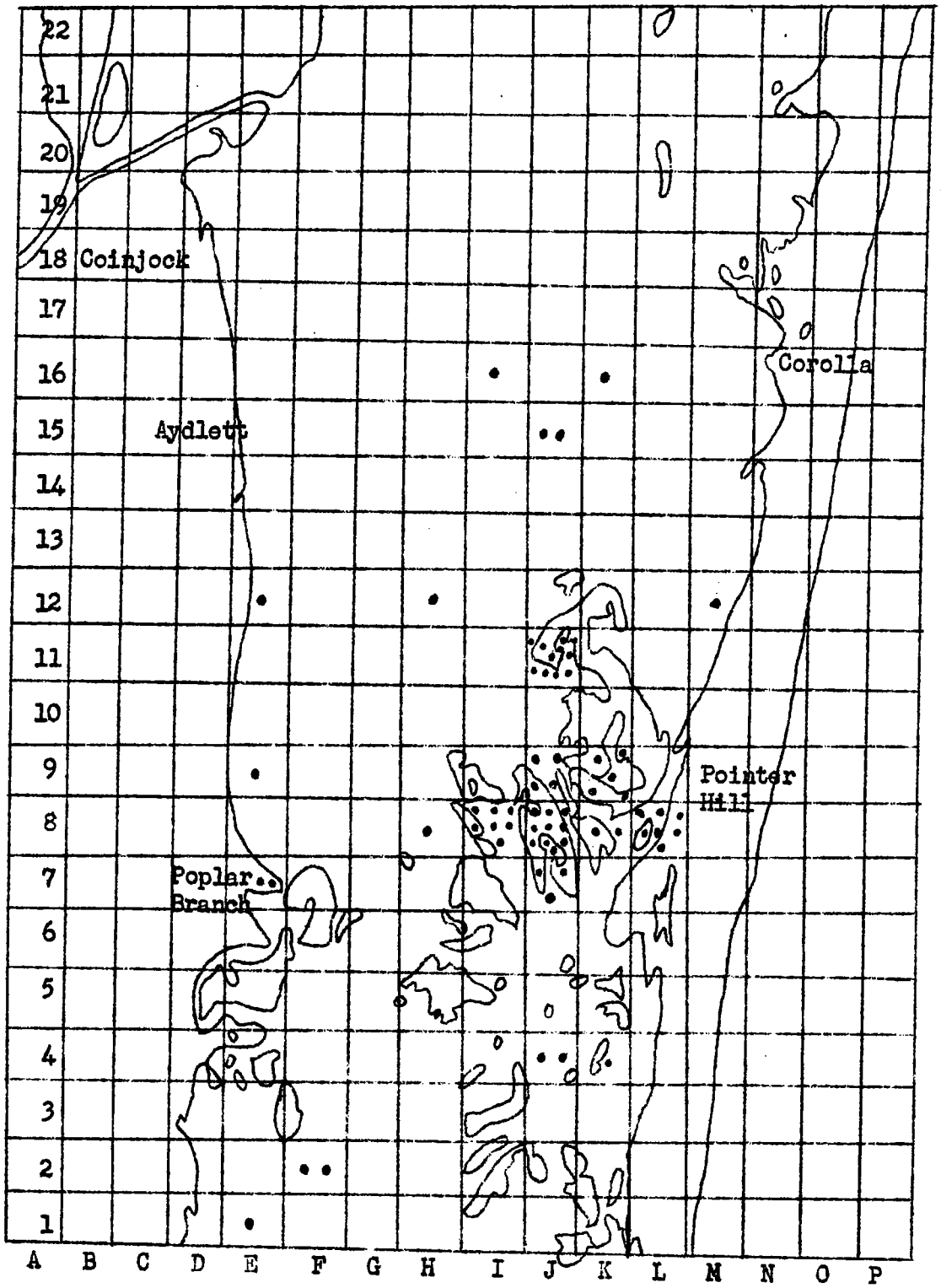

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Figure_____. Distribution of Potamogeton Berchtoldi, Master Survey, August-September, 1960.

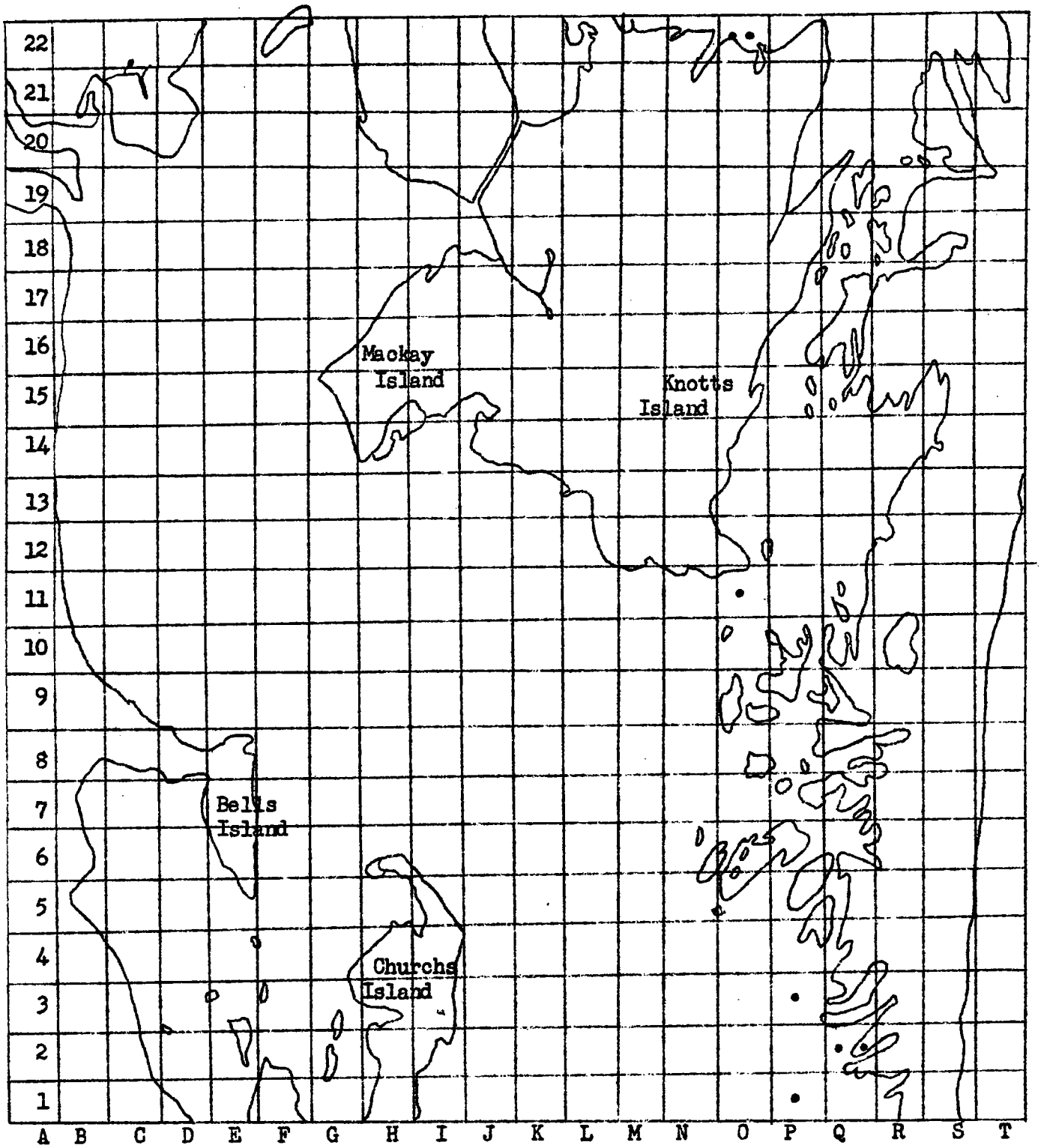

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Figure_____. Distribution of Potamogeton Berchtoldi, Master Survey, Aug-Sept., 1960.

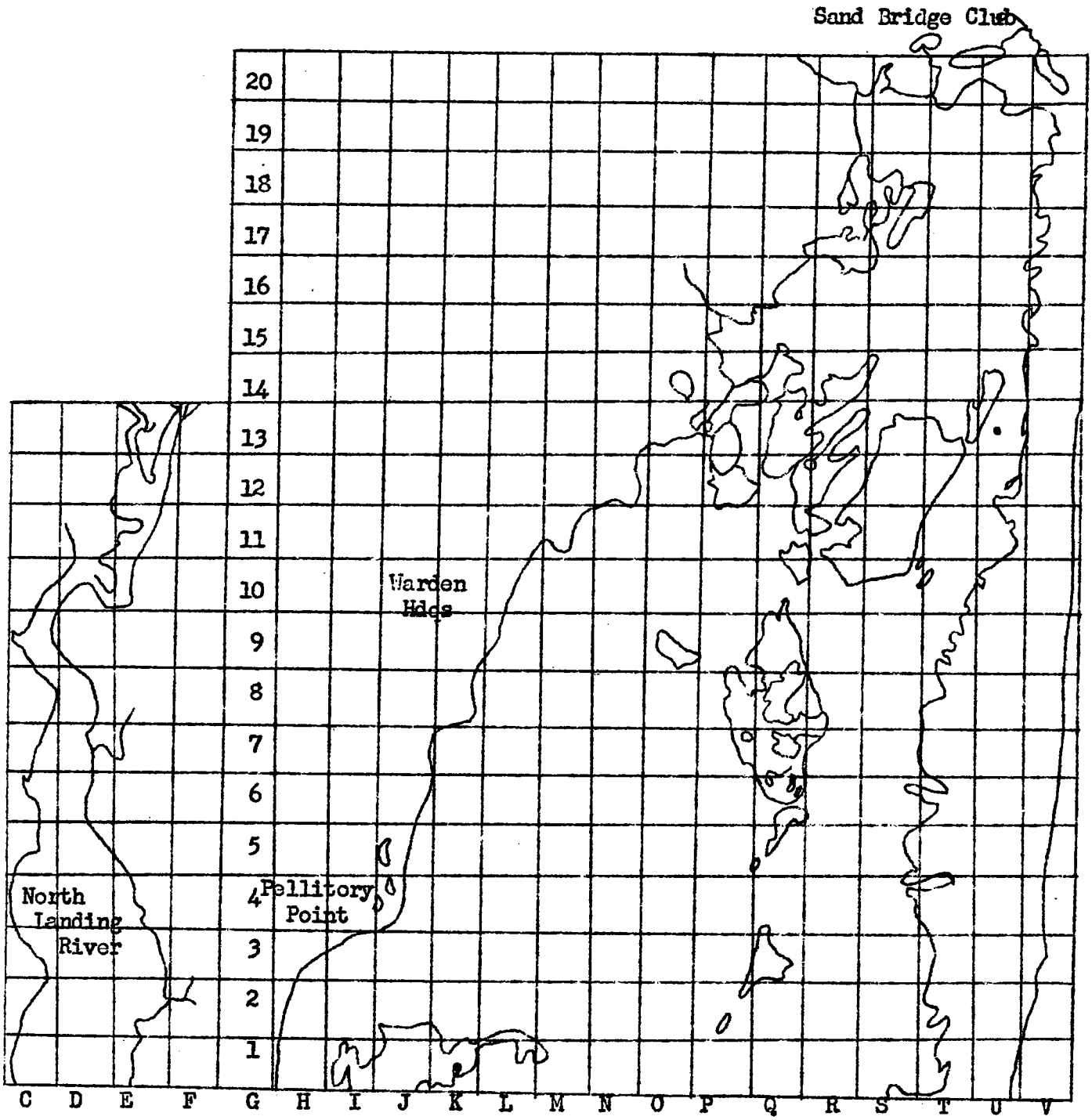

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Figure_____. Distribution of Potamogeton Berchtoldi, Master Survey, Aug.-Sept., 1960.

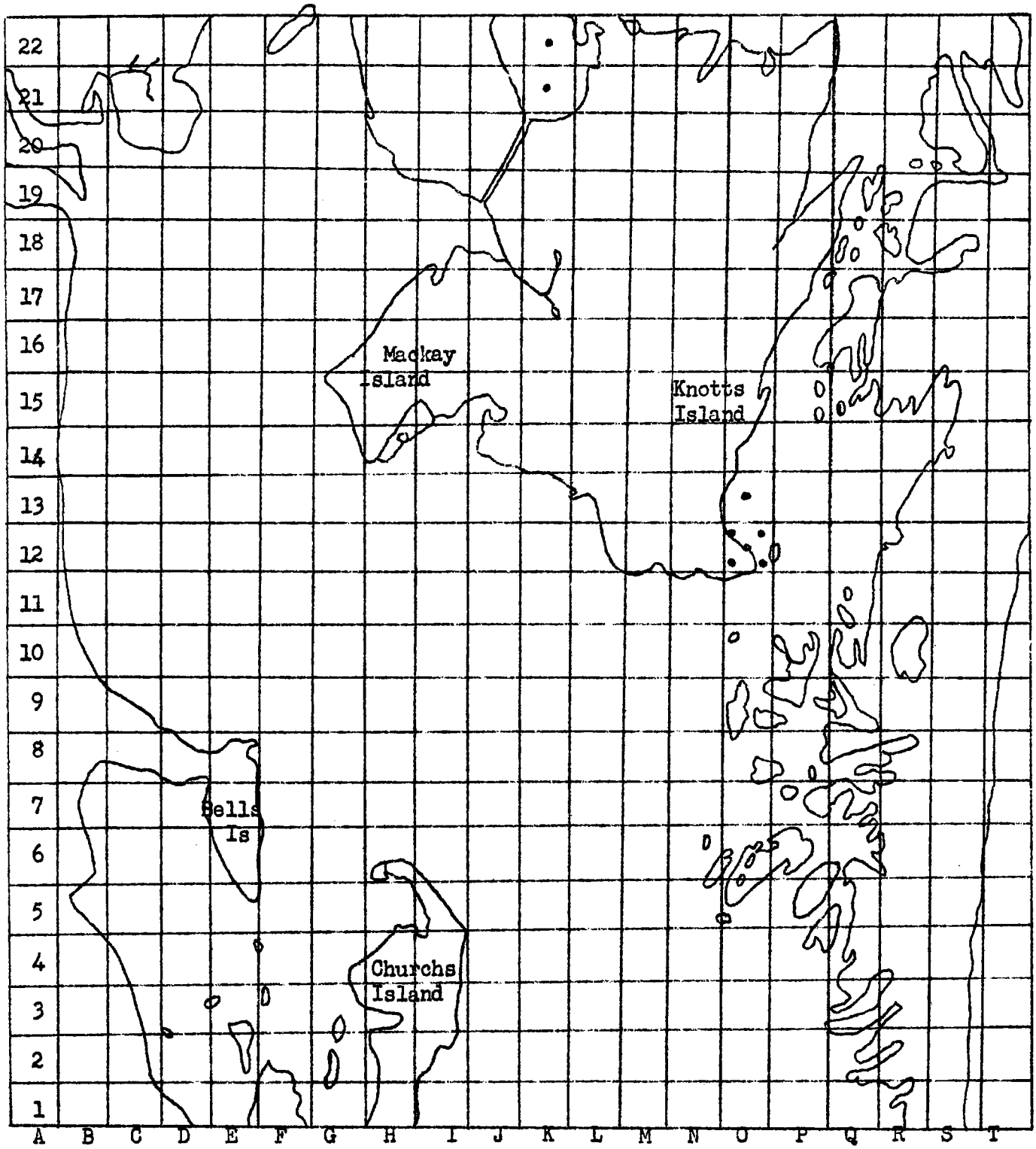

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Figure_____. Distribution of Anacharis sp., Master Survey, August-September, 1960.

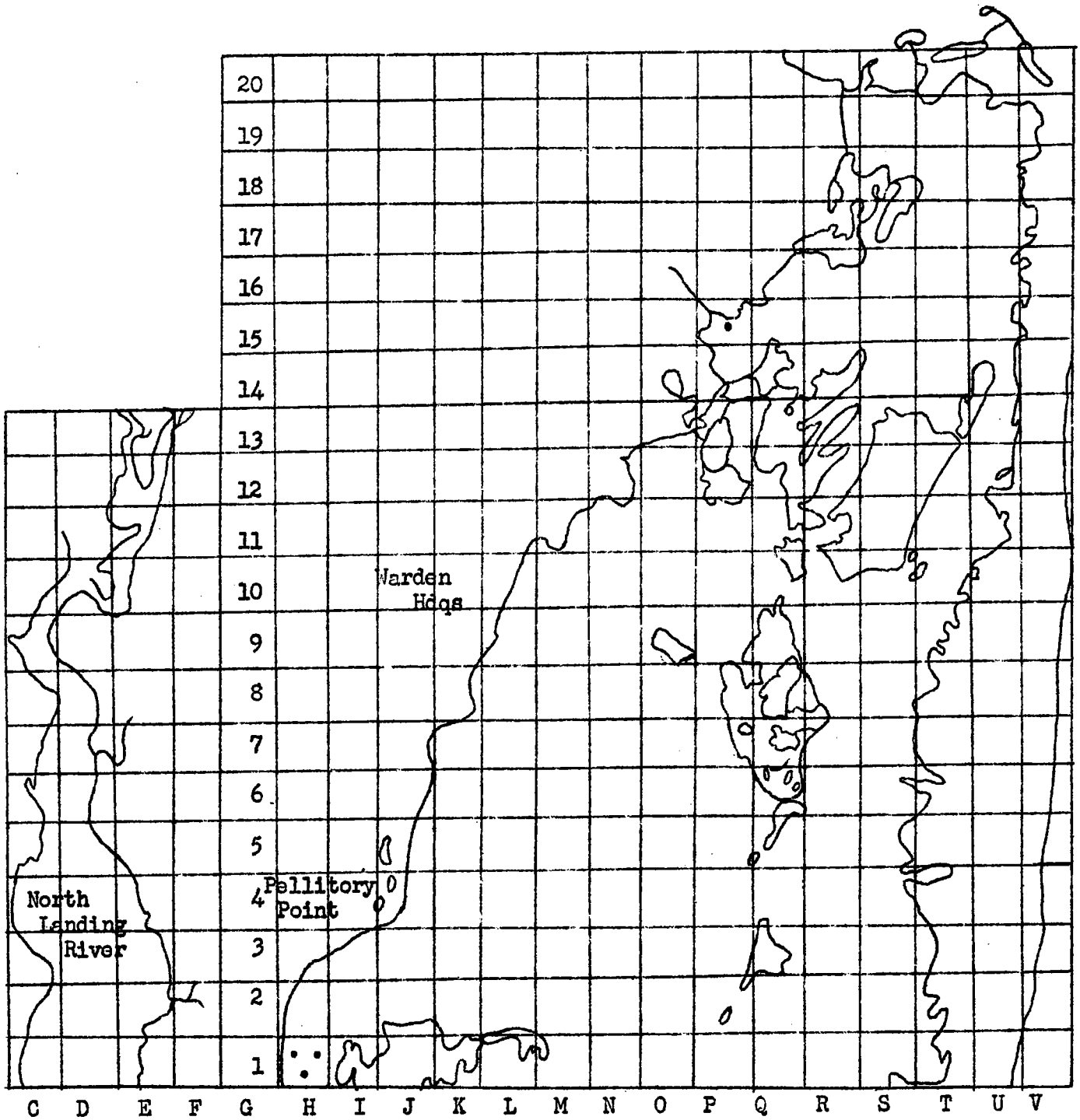

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Figure_____. Distribution of Anacharis sp., Master Survey, August-September, 1960.

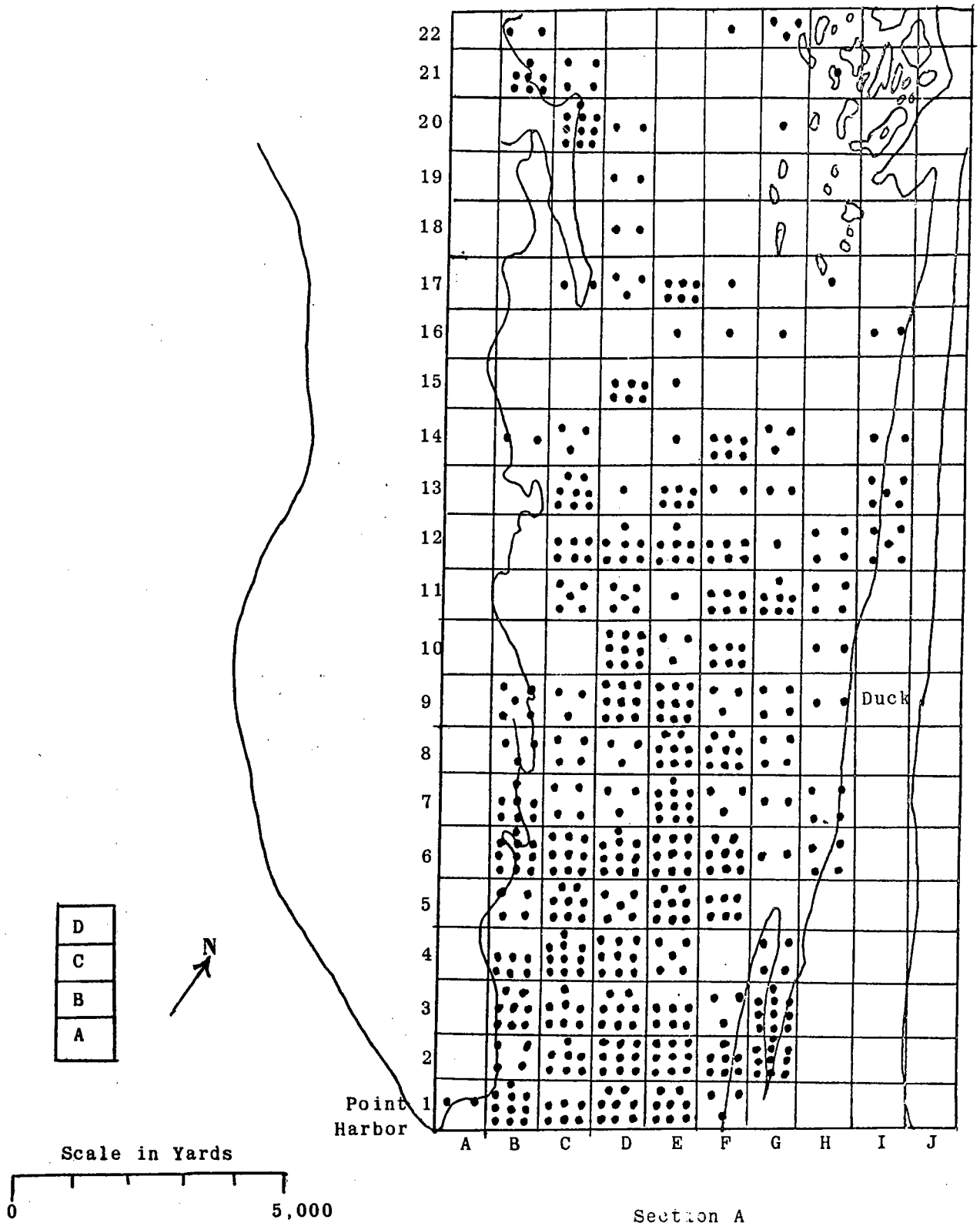

Figure . Distribution of Samples with No Vegetation, Master Survey, August 1962.

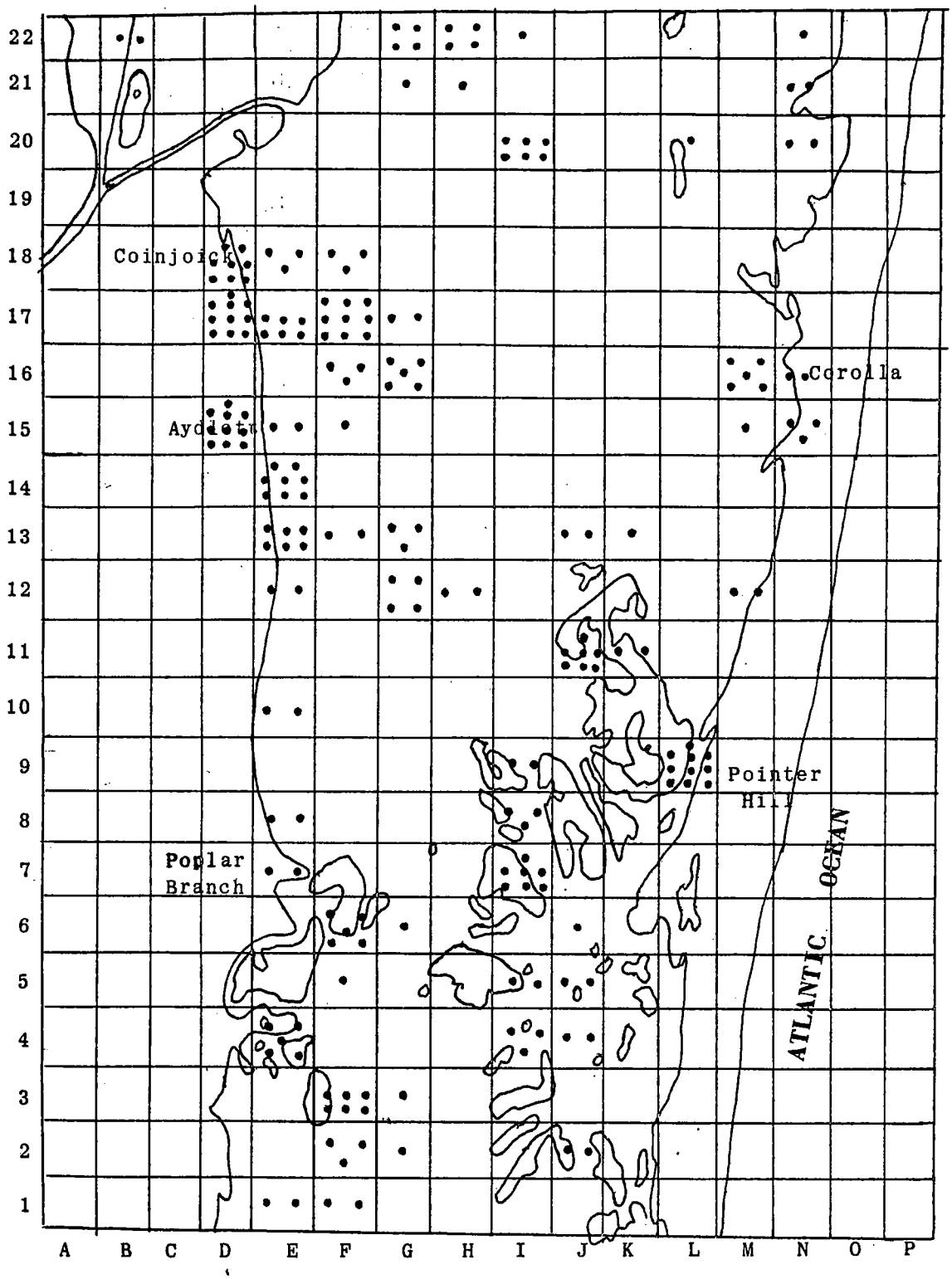

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Figure Distribution of Samples with No Vegetation, Master Survey, August 1962.

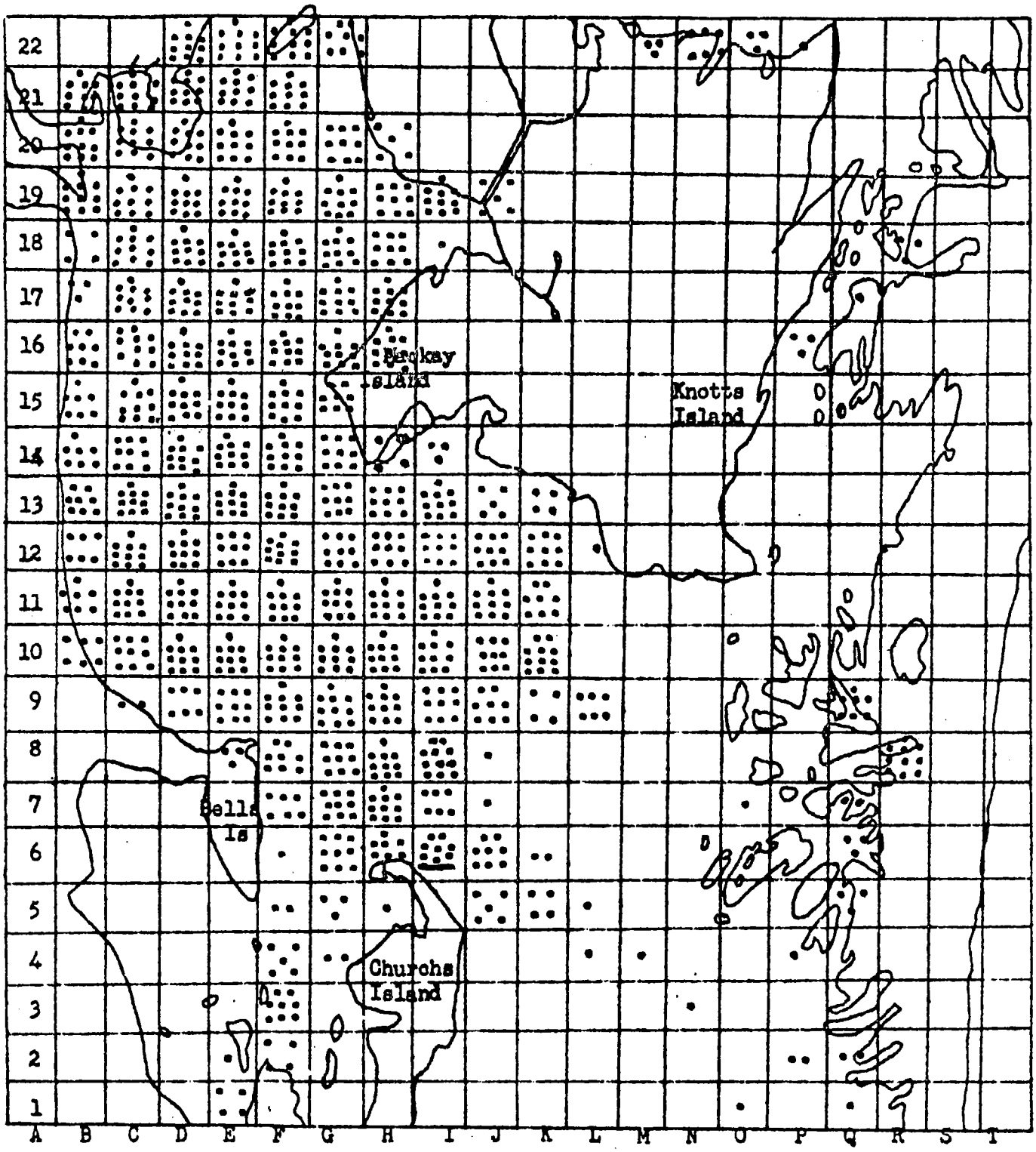

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August 1962.

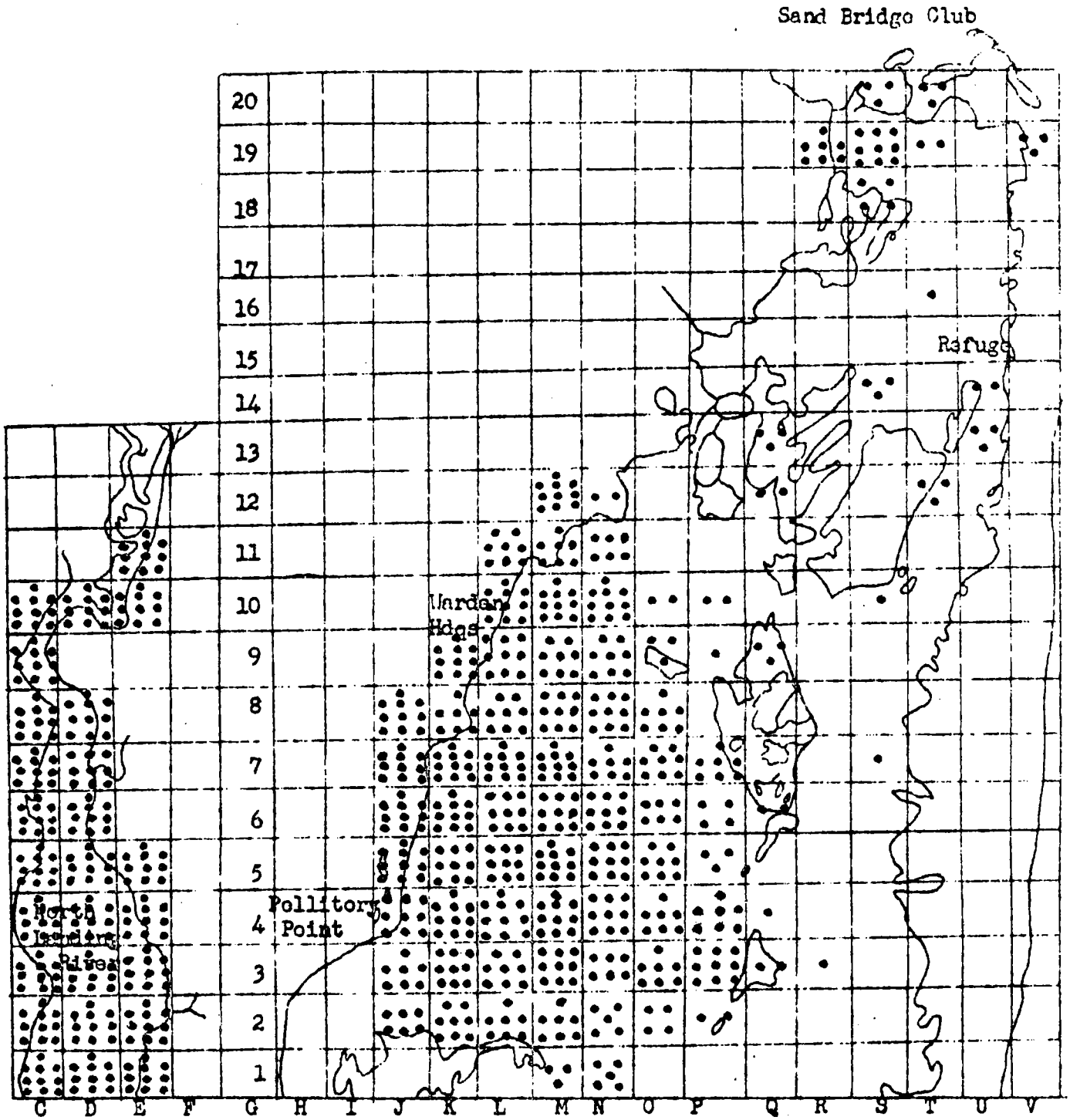

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Figure_____. Distribution of Samples with No Vegetation, Master Survey, August 1962.

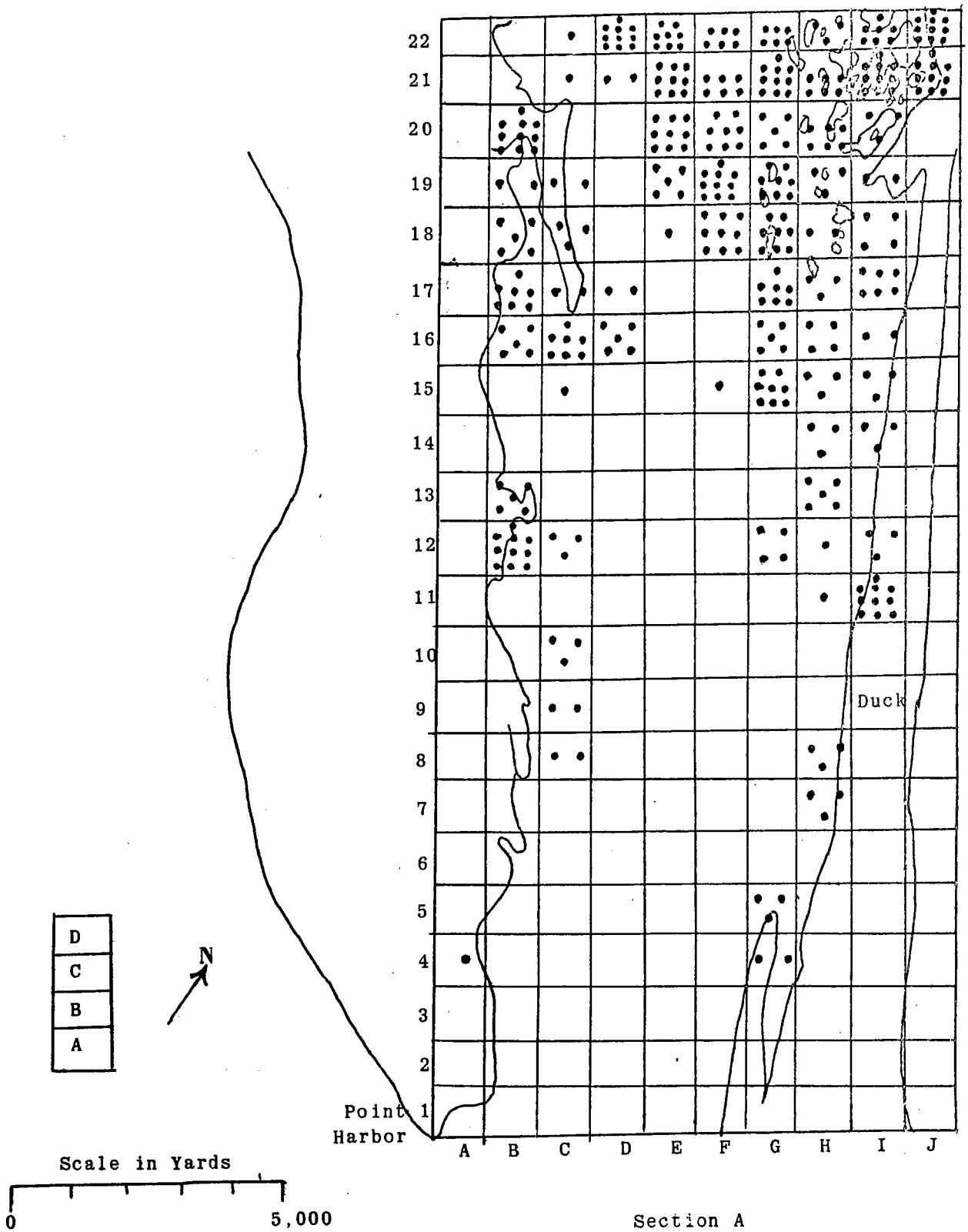

Figure Distribution of Sago Pondweed, Master Survey, August 1962.

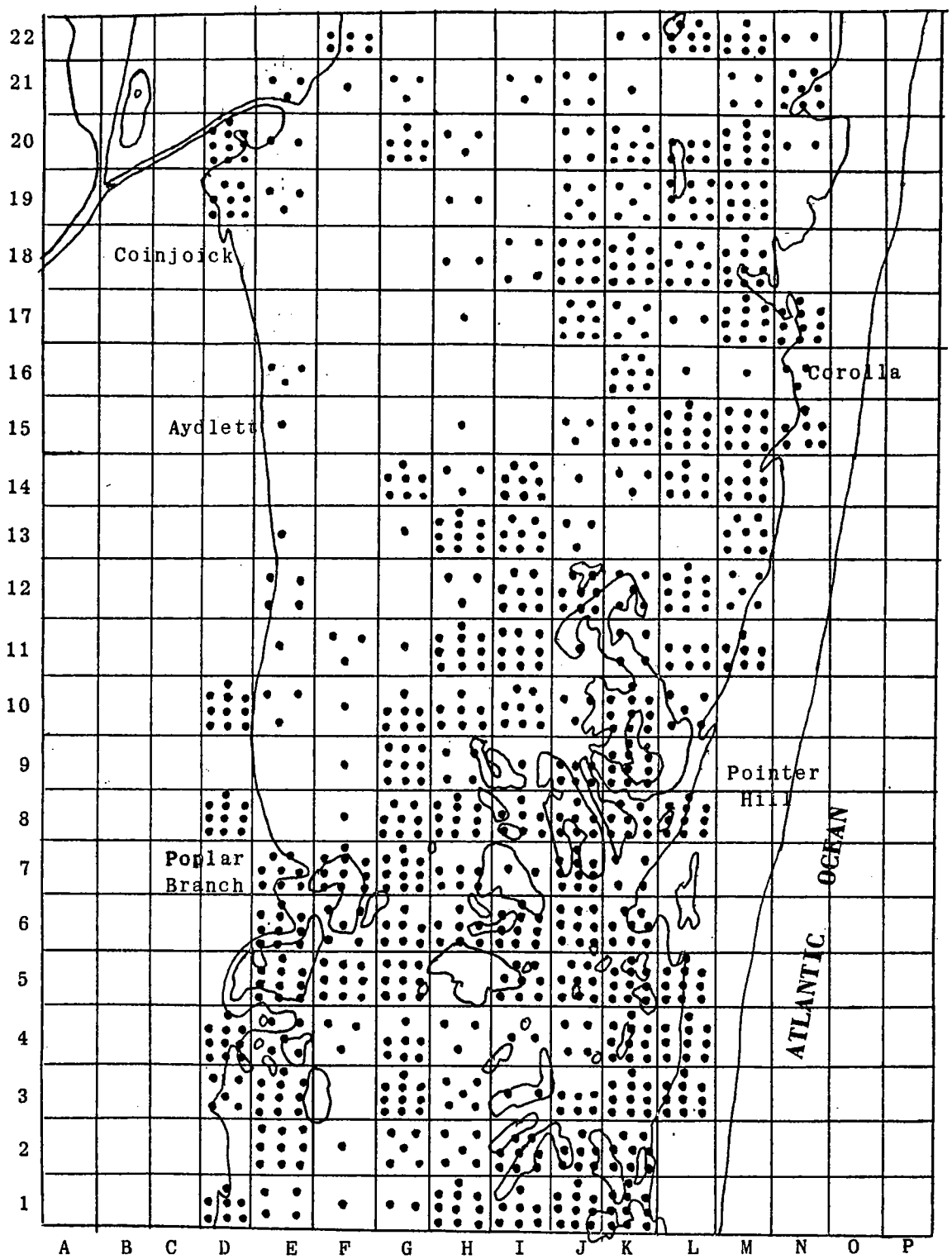

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Figure Distribution of Sago Pondweed, Master Survey, August 1962.

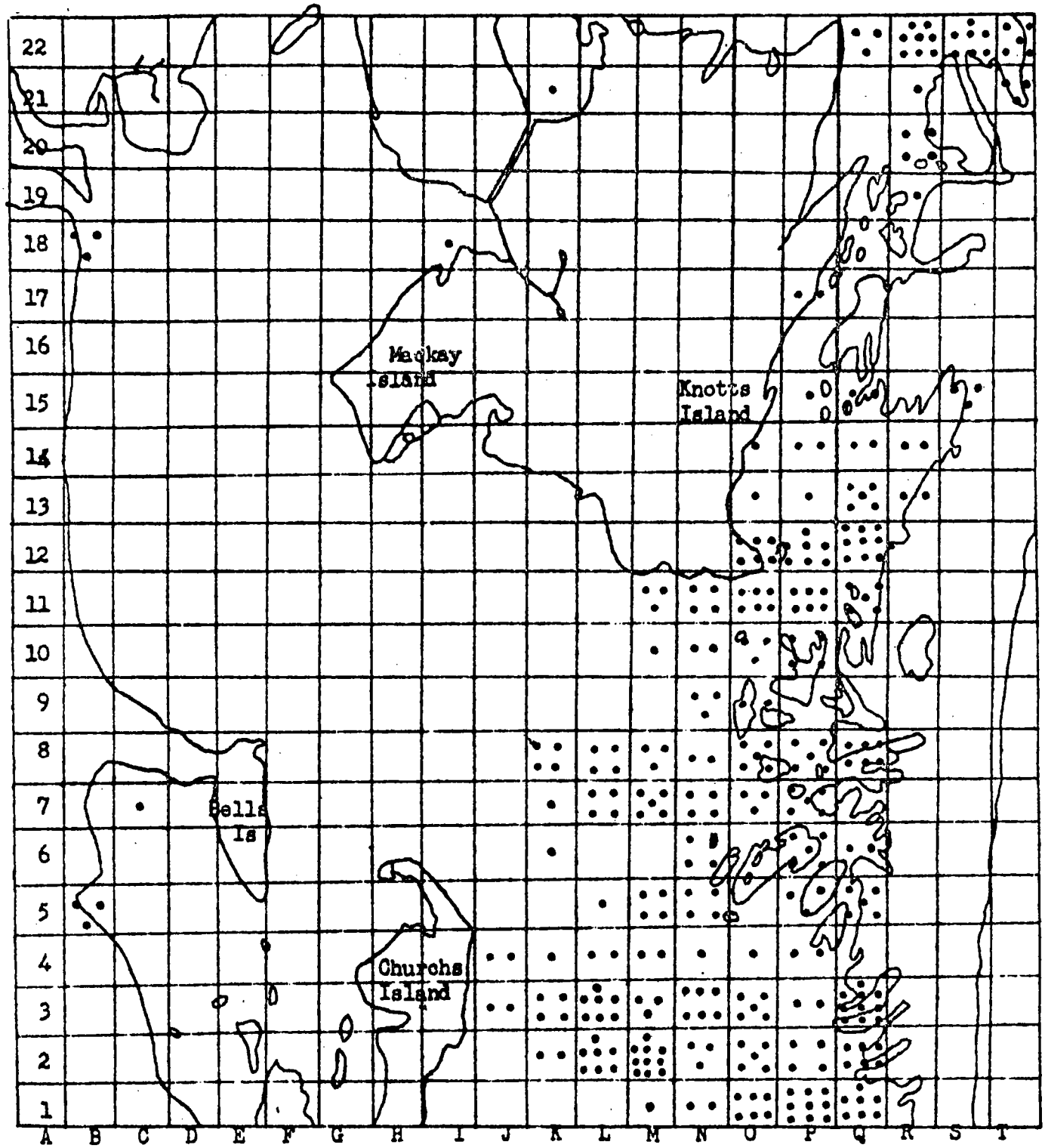

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Figure_____. Distribution of Sago Pondweed, Master Survey, August 1962.

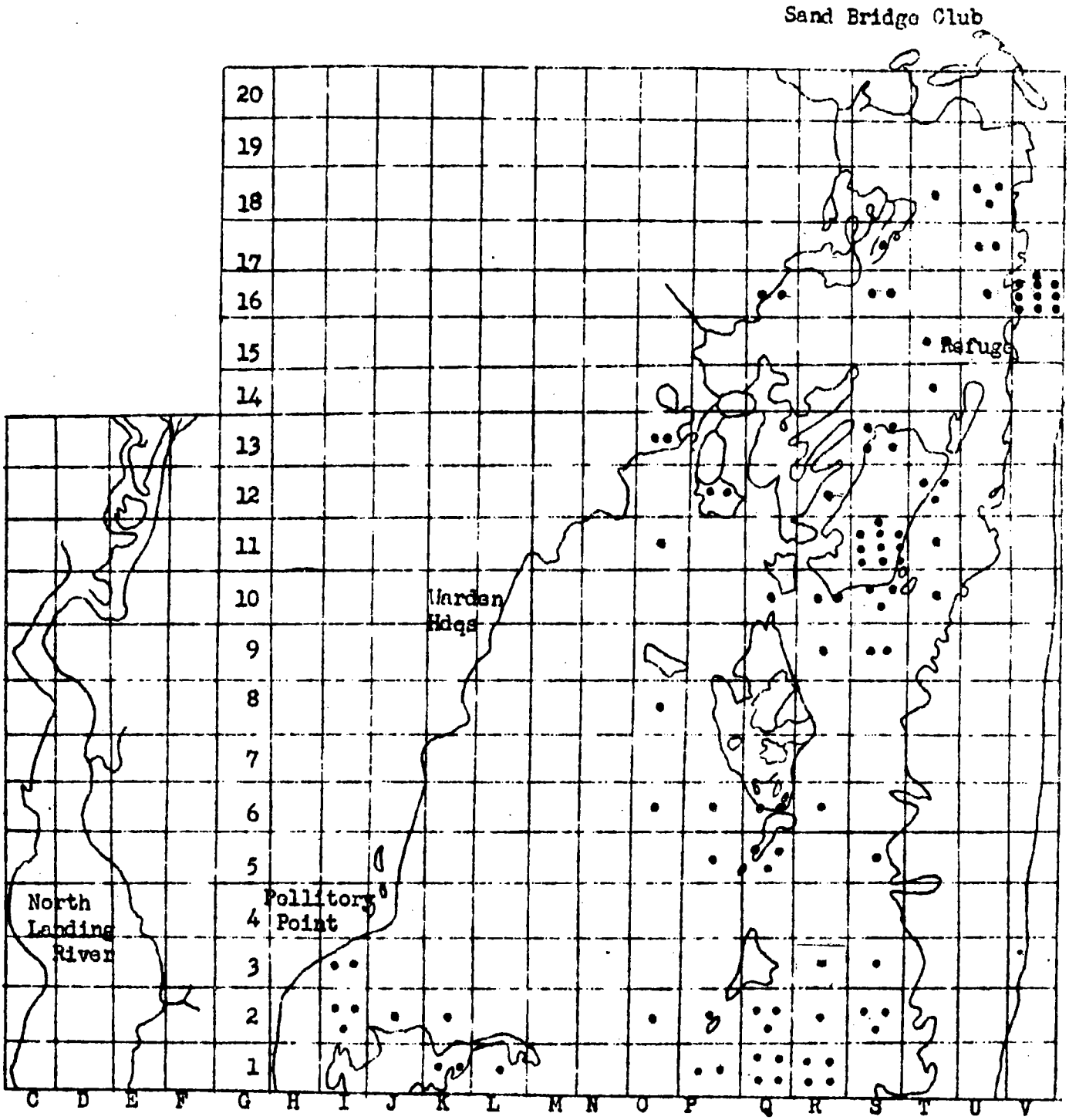

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Figure_____. Distribution of Sago Pondweed, Master Survey, August 1962.

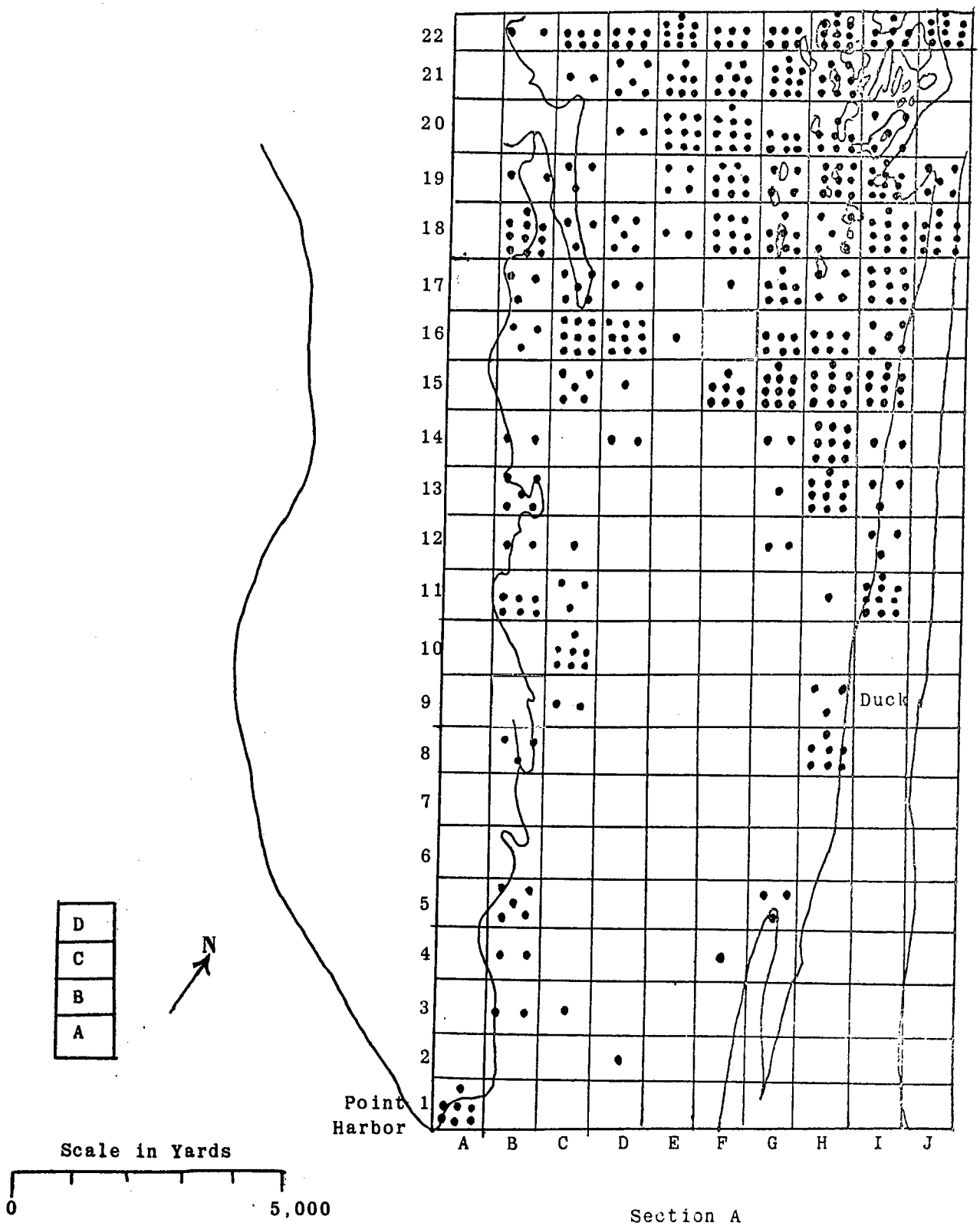

Figure . Distribution of Wild Celery, Master Survey, August 1962.

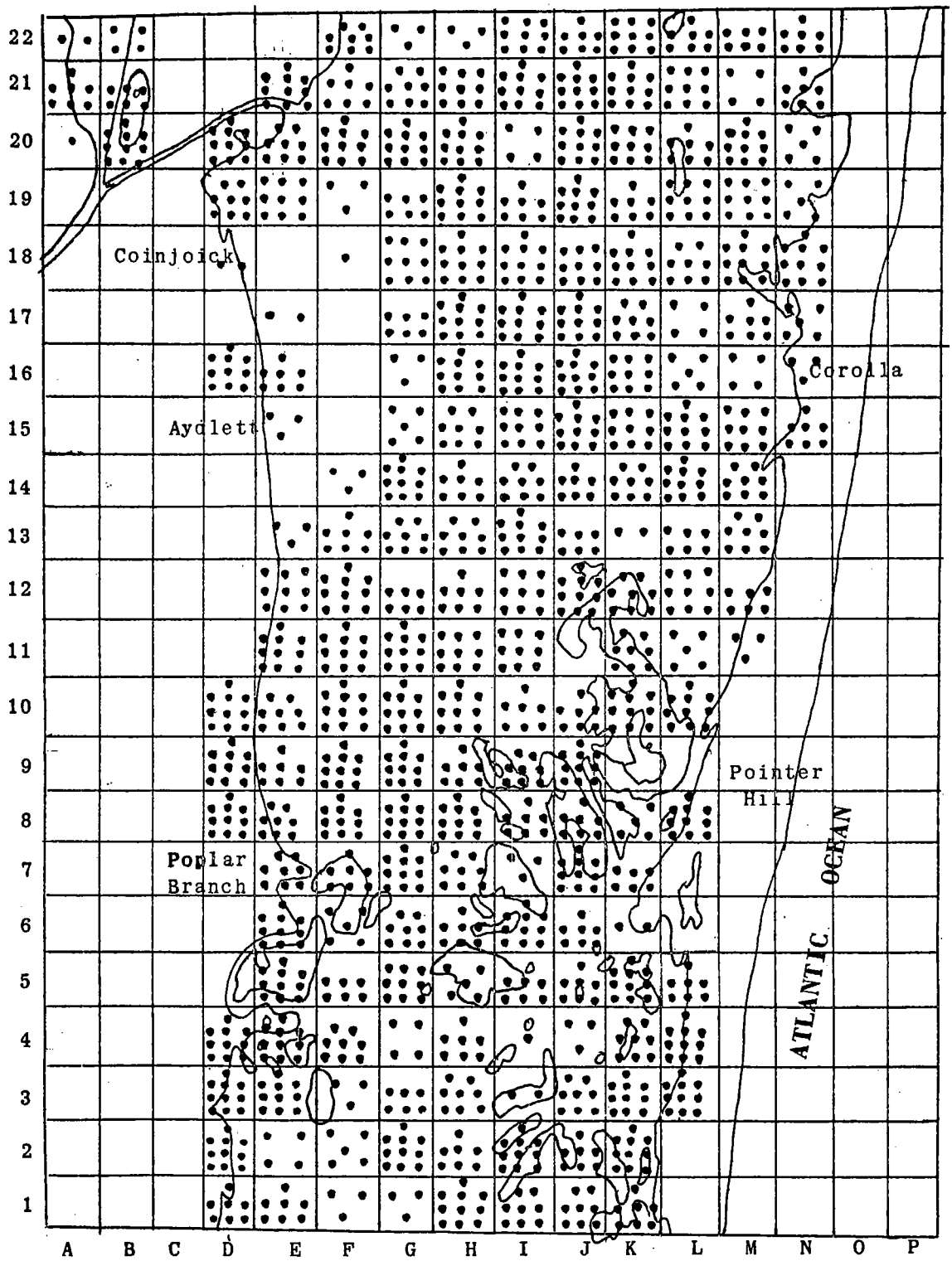

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Figure . Distribution of Wild Celery, Master Survey, August 1962.

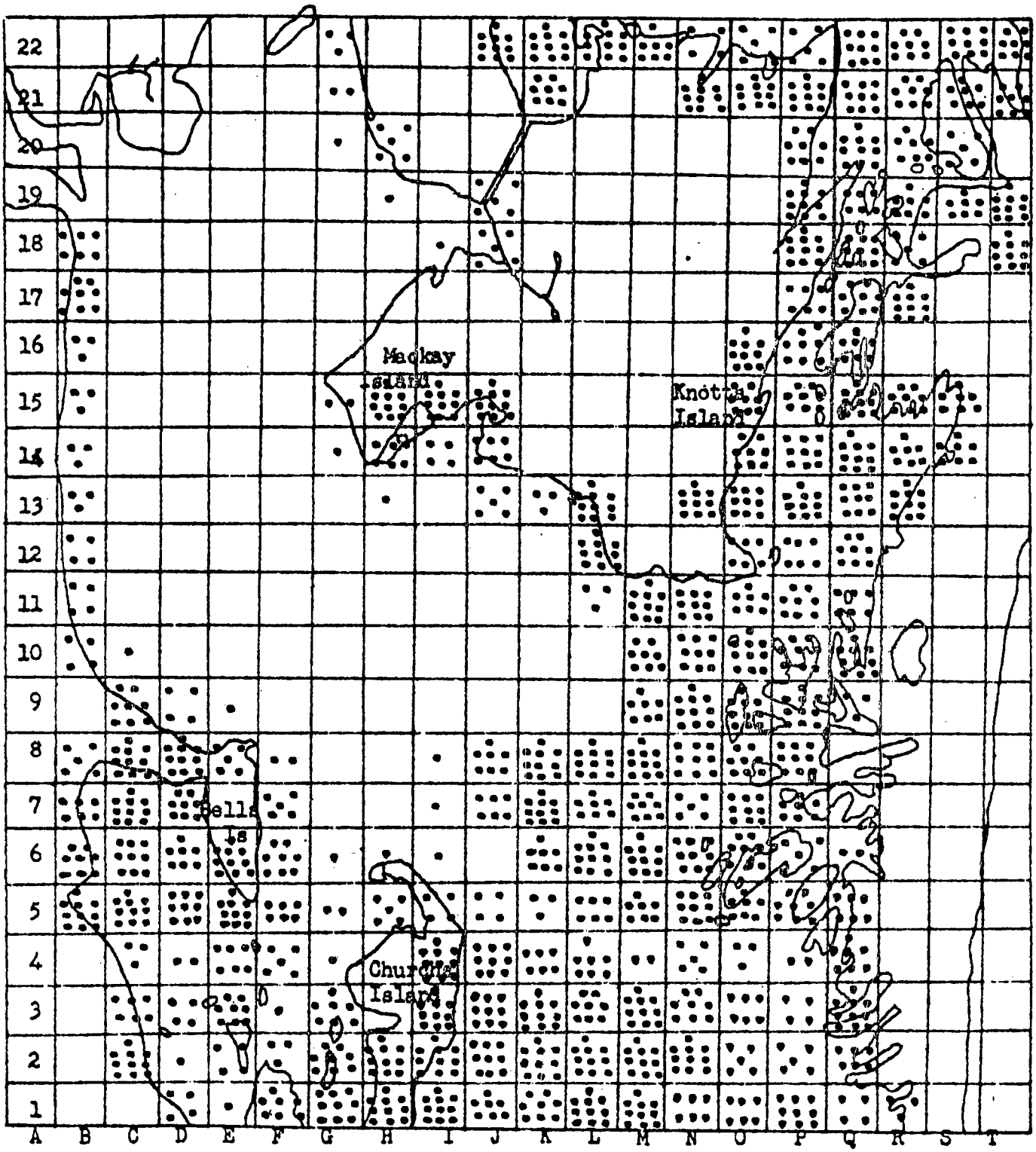

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Figure_____. Distribution of Wild Celery, Master Survey, August 1962.

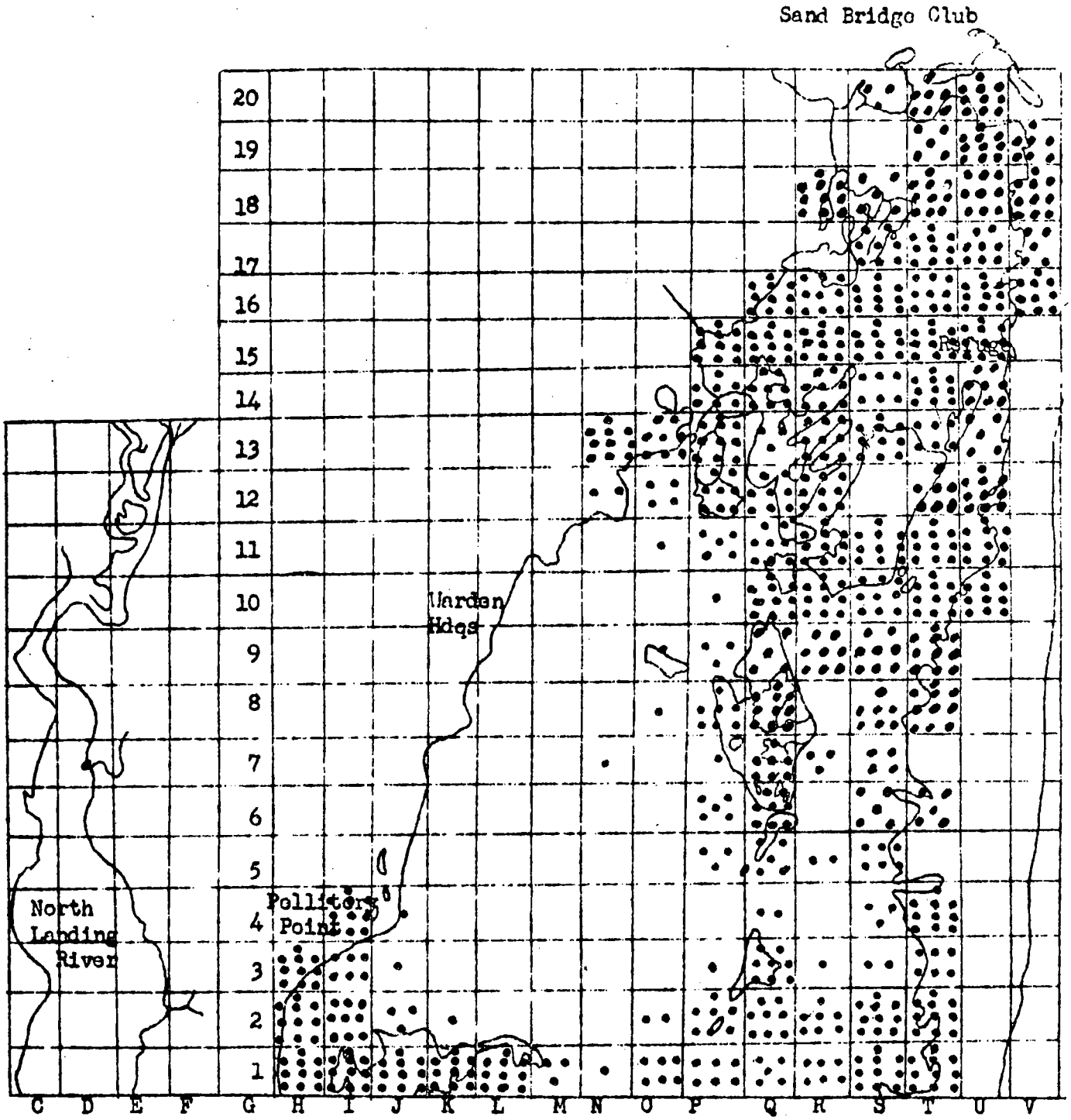

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Figure_____. Distribution of Wild Celery, Master Survey, August 1962.

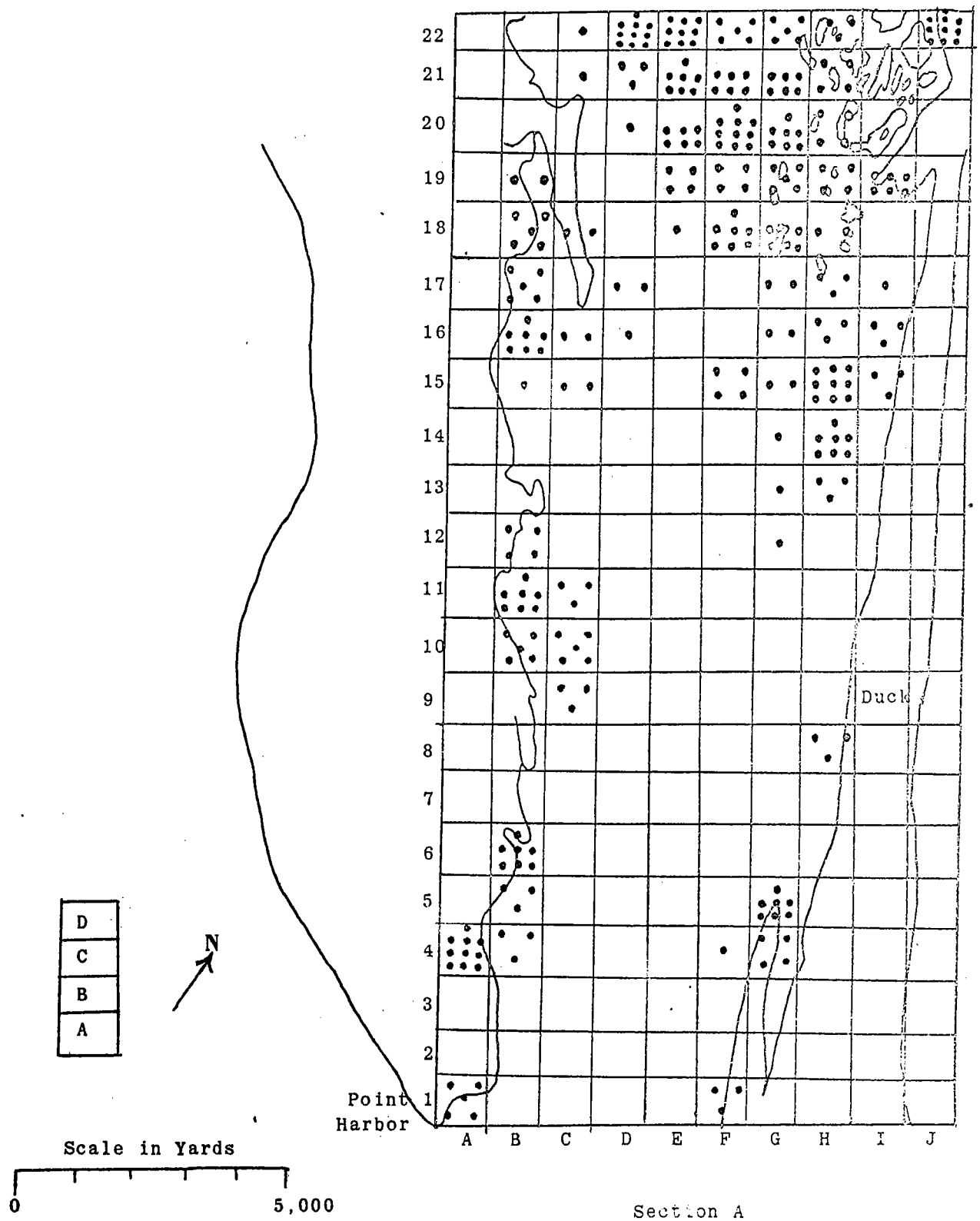

Figure . Distribution of Redhead Grass, Master Survey, August 1962.

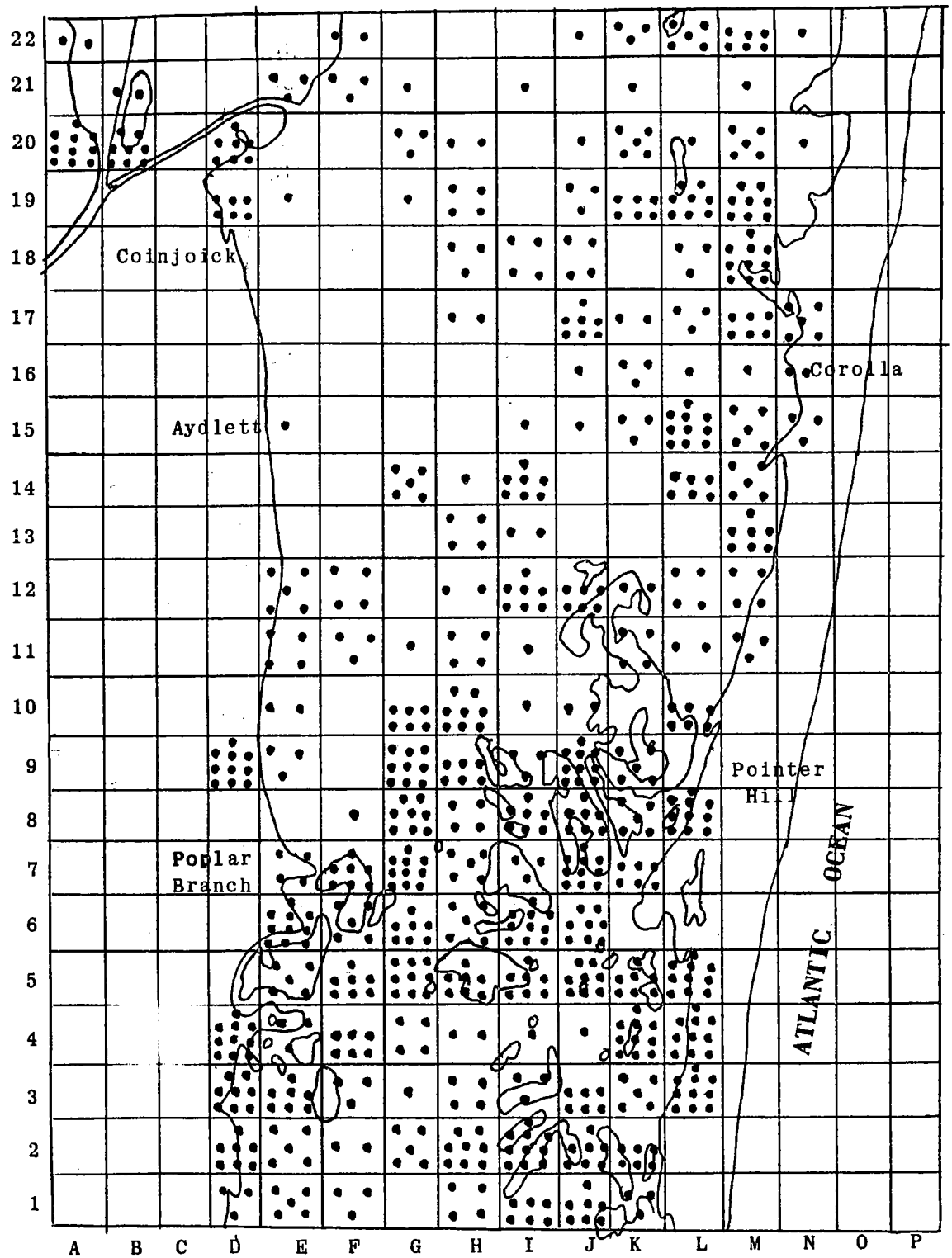

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Figure Distribution of Redhead Grass, Master Survey, August 1962.

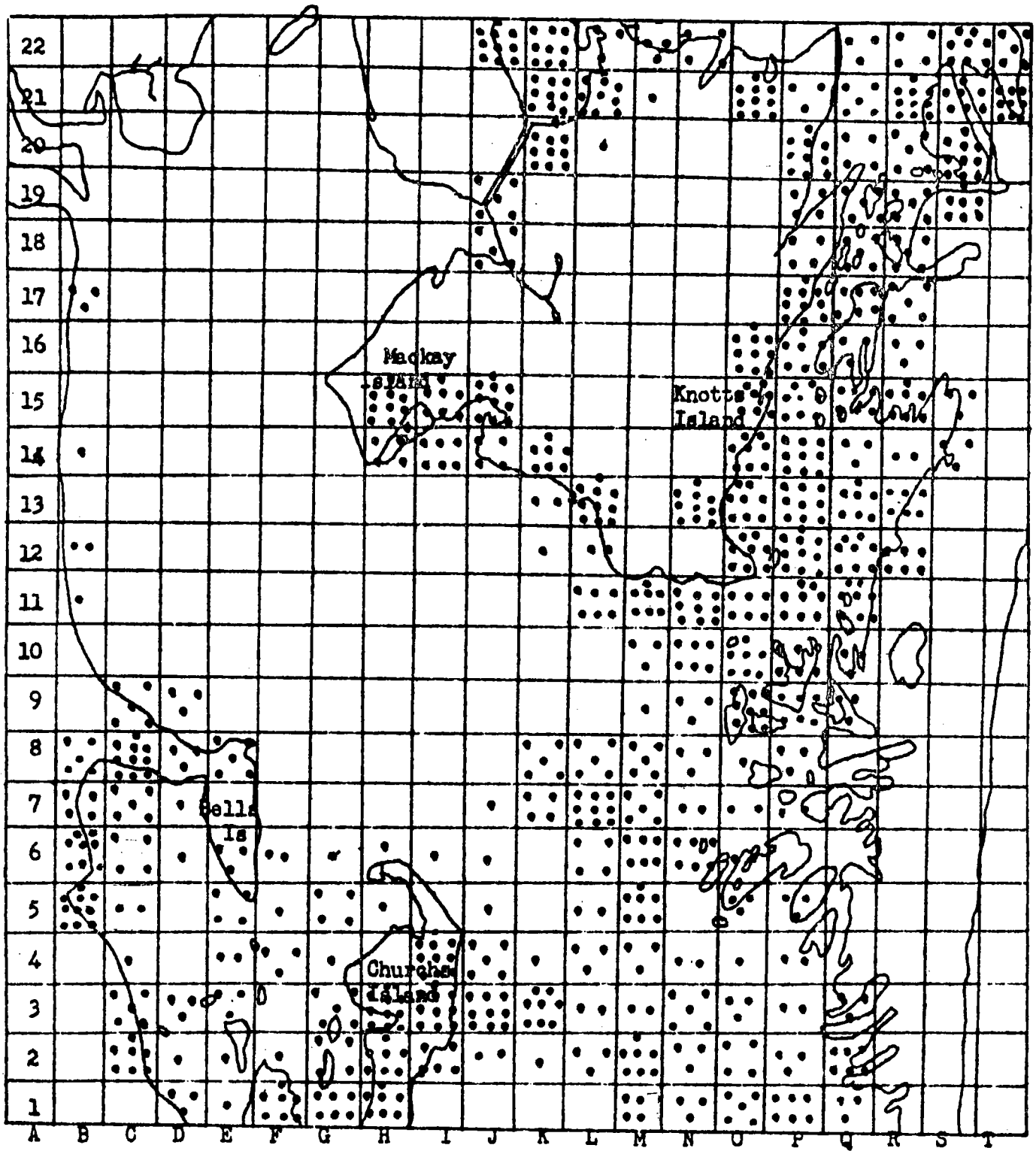

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Figure_____. Distribution of Redhead Grass, Master Survey, August 1962.

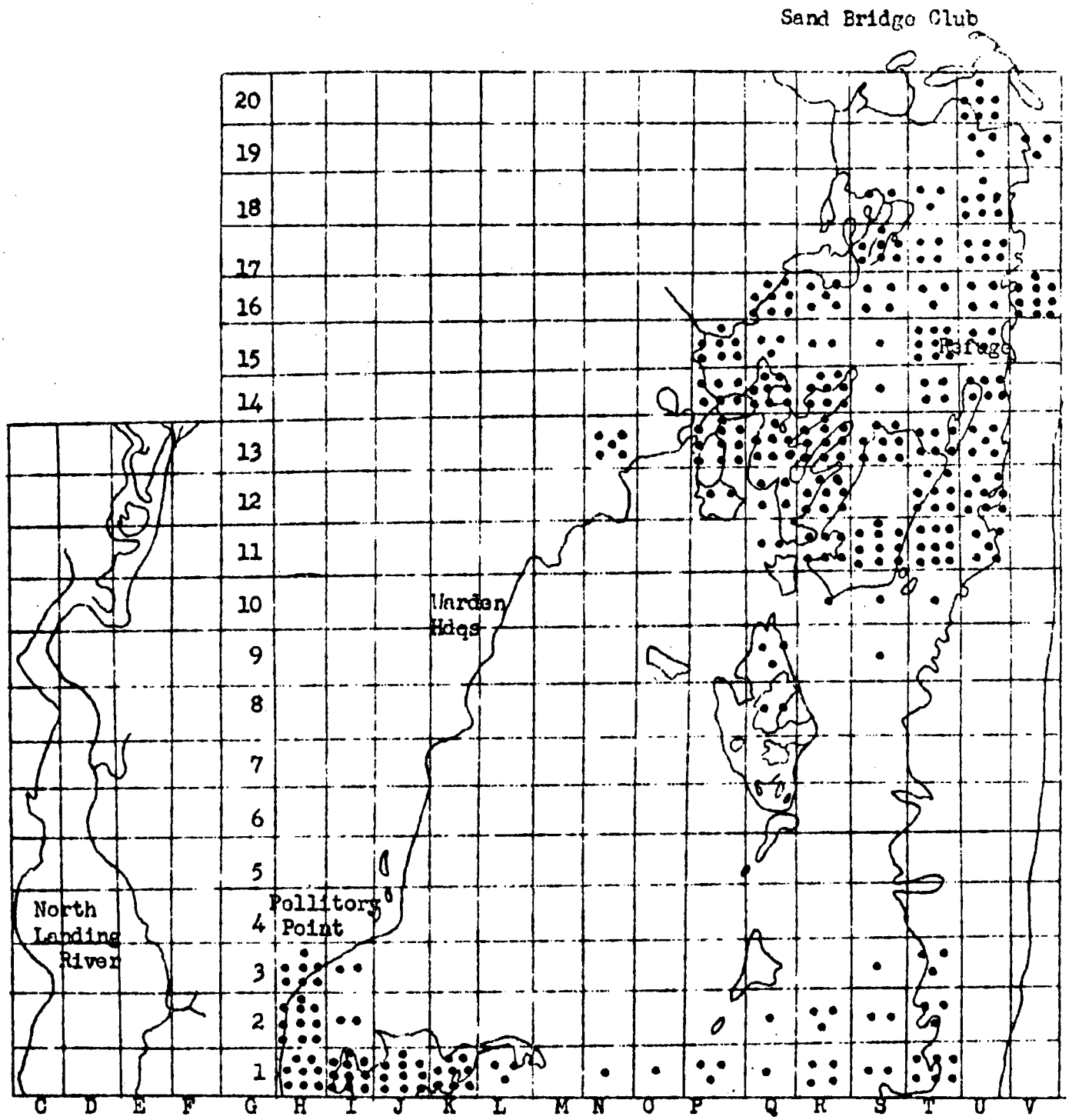

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Figure_____. Distribution of Redhead Grass, Master Survey, August 1962.

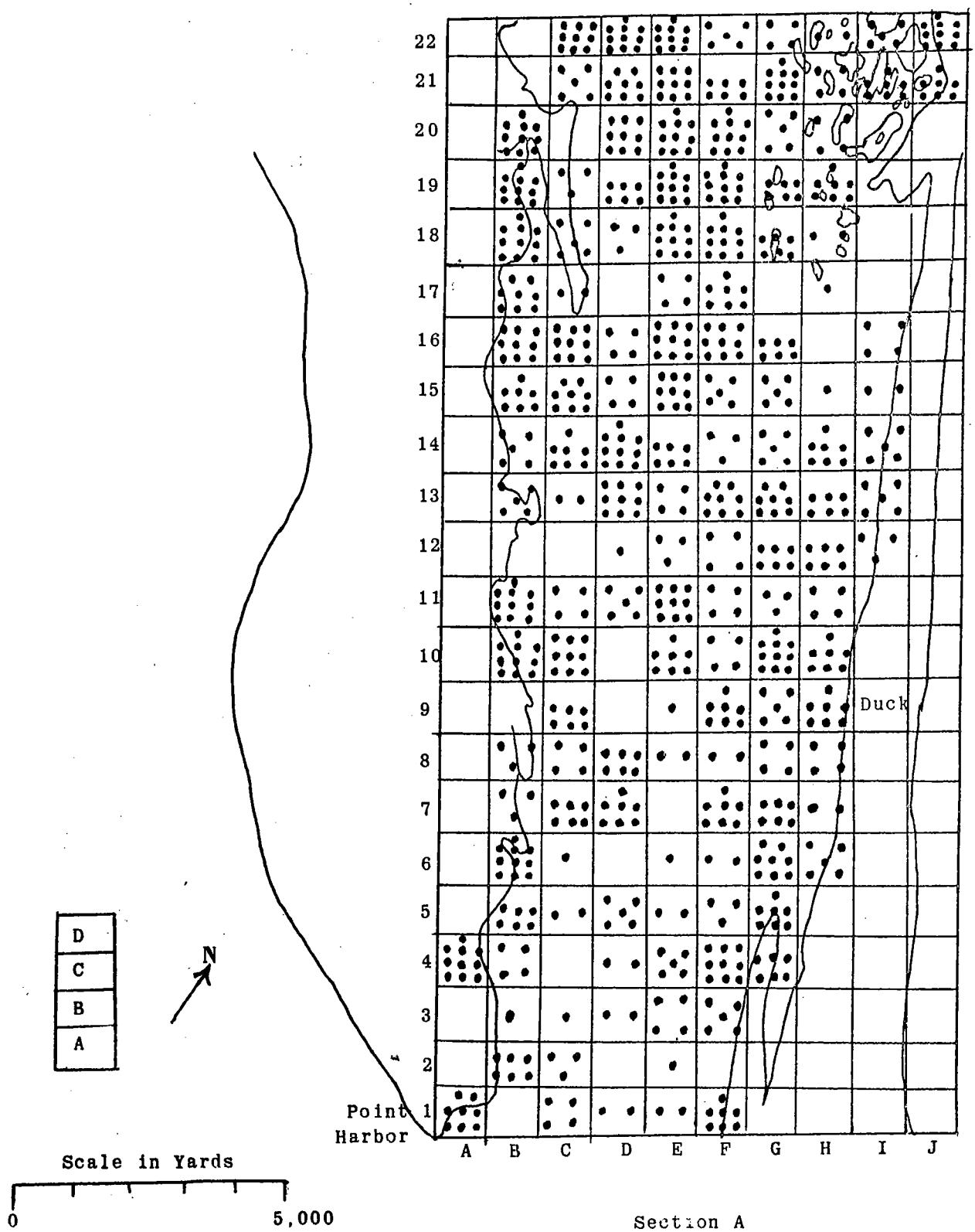

Figure Distribution of Najas sp., Master Survey, August 1962.

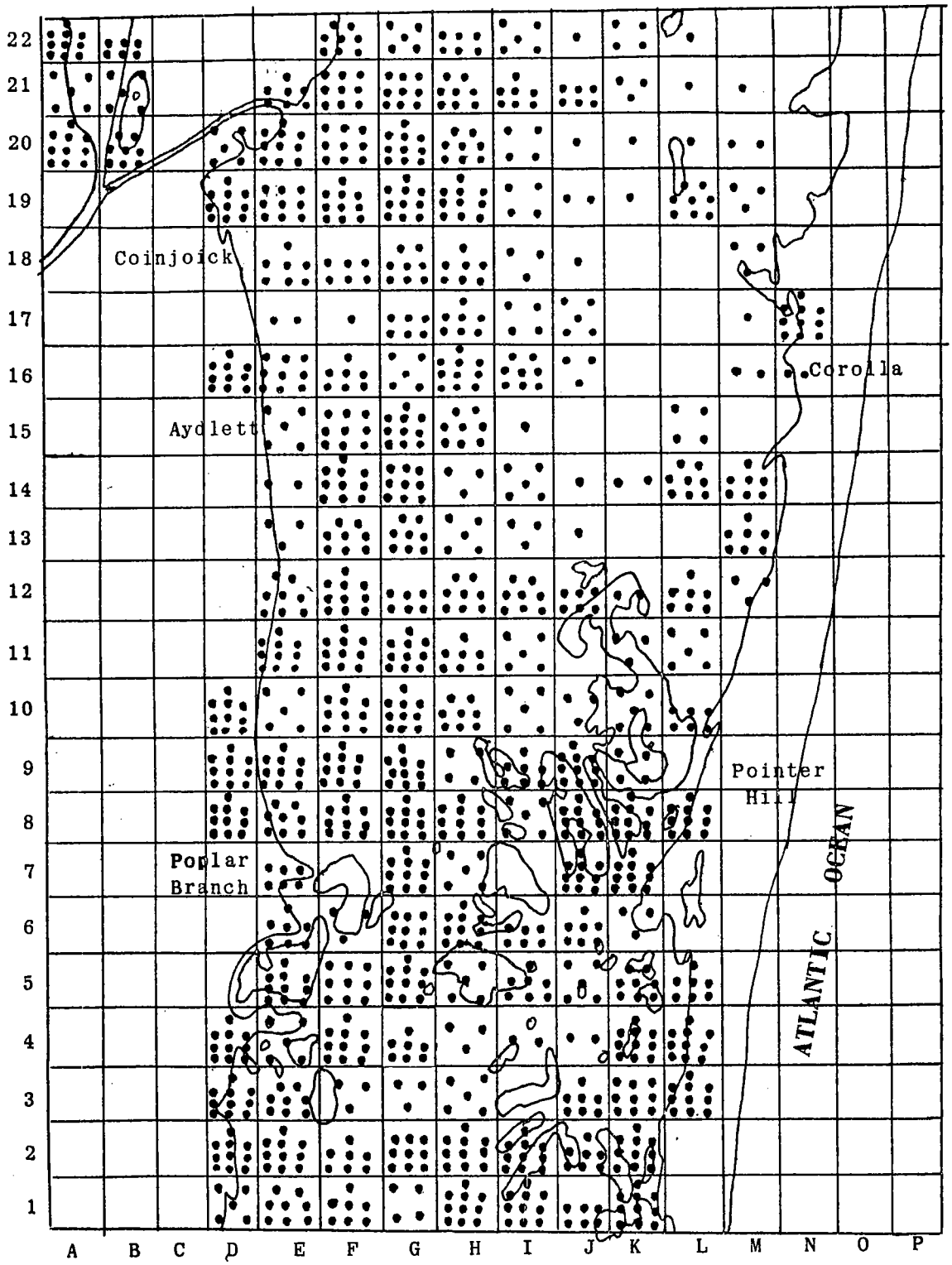

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Figure Distribution of Najas sp., Master Survey, August 1962

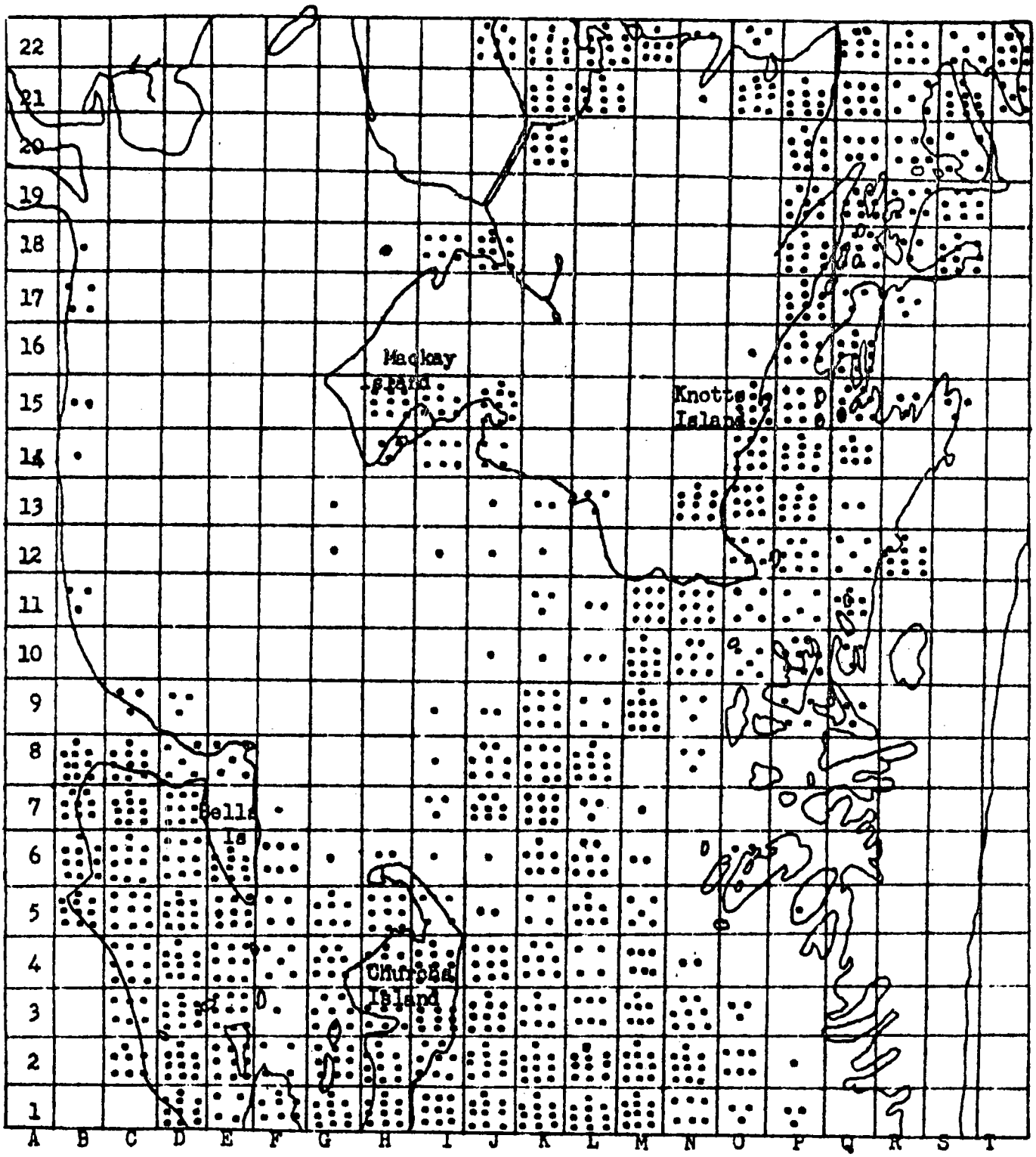

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Figure_____. Distribution of Najas sp., Master Survey, August 1962.

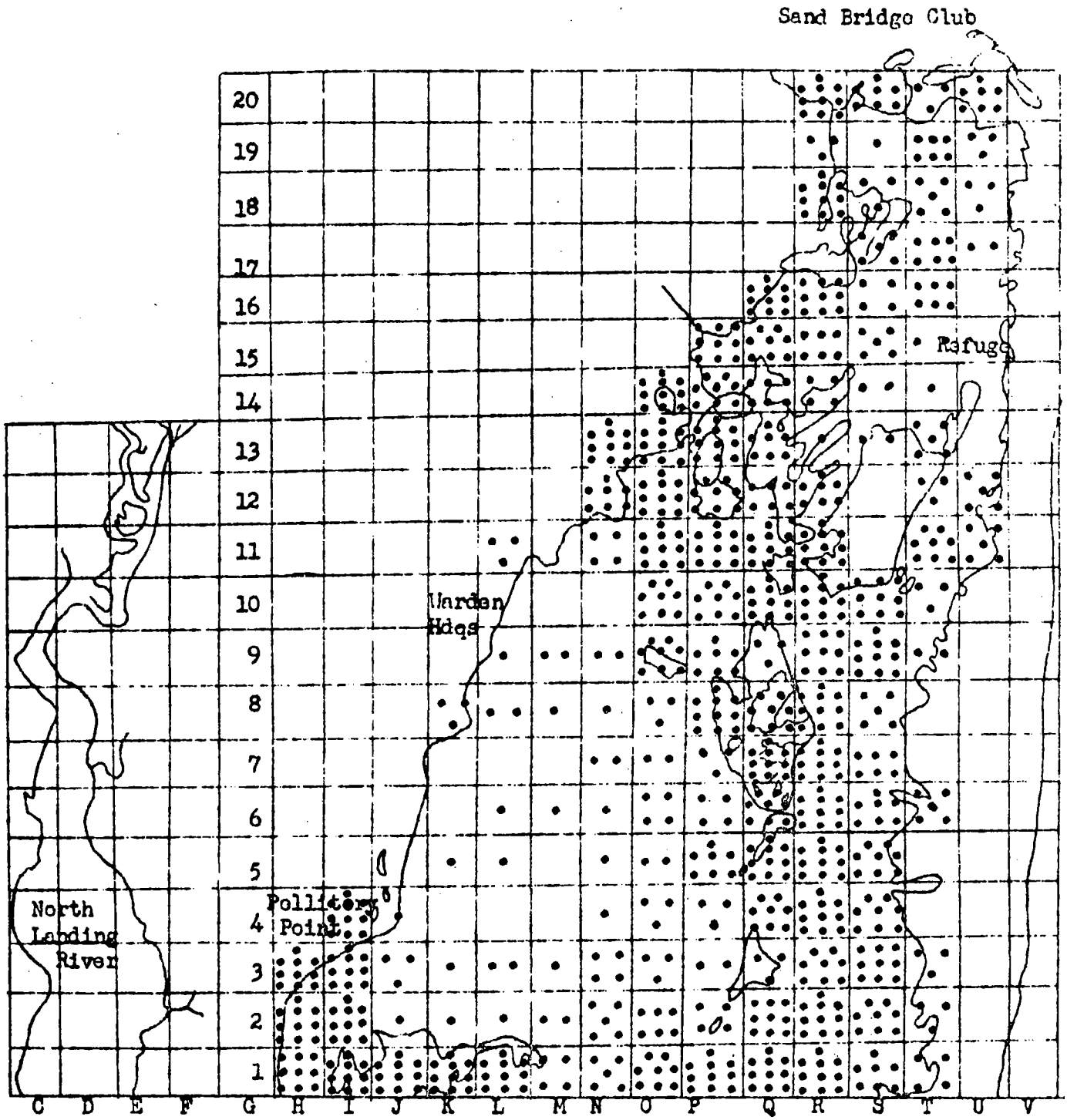

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Figure_____. Distribution of Najas sp., Master Survey, August 1962.

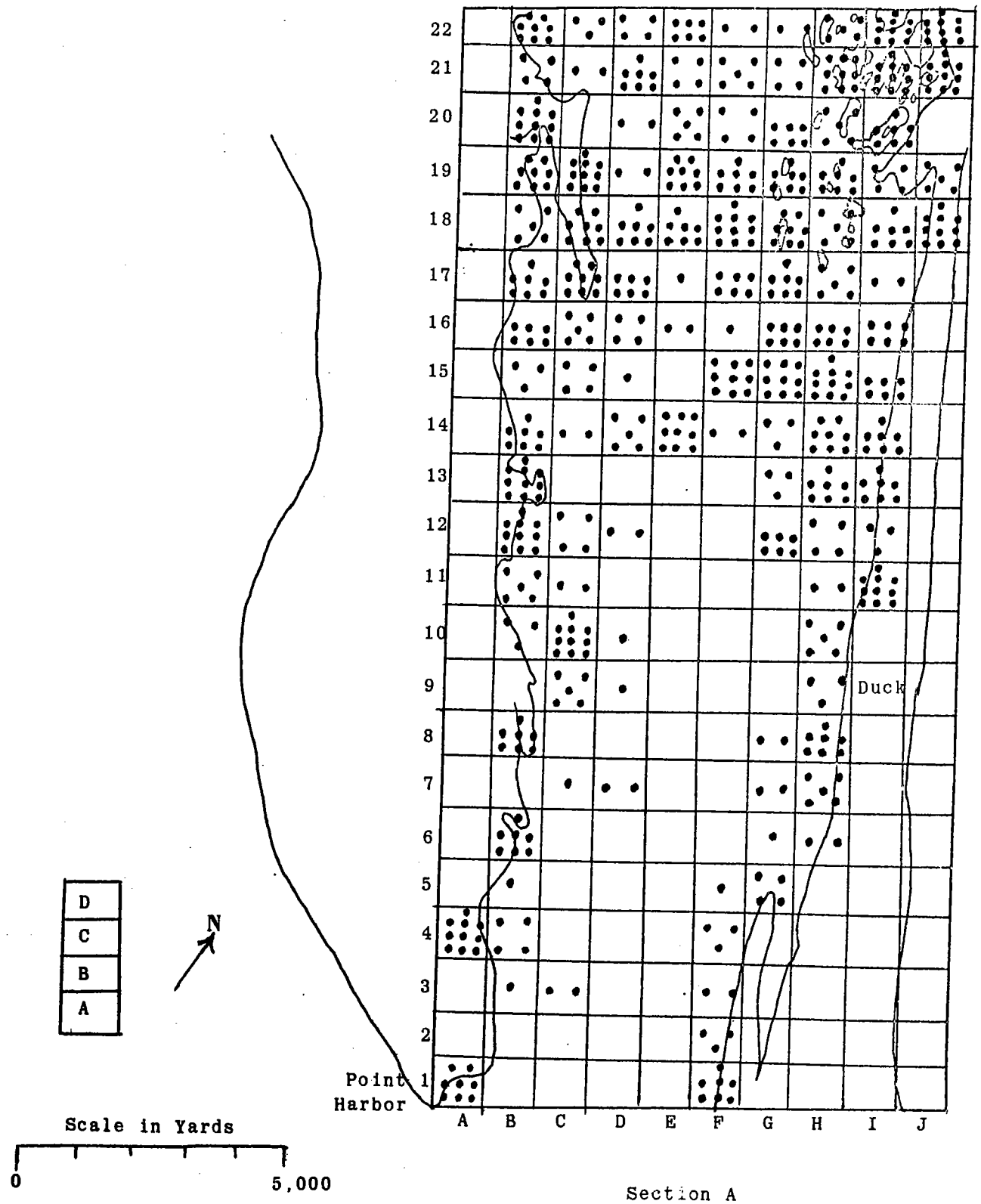

Figure Distribution of Widgeon Grass, Master Survey, August 1962.

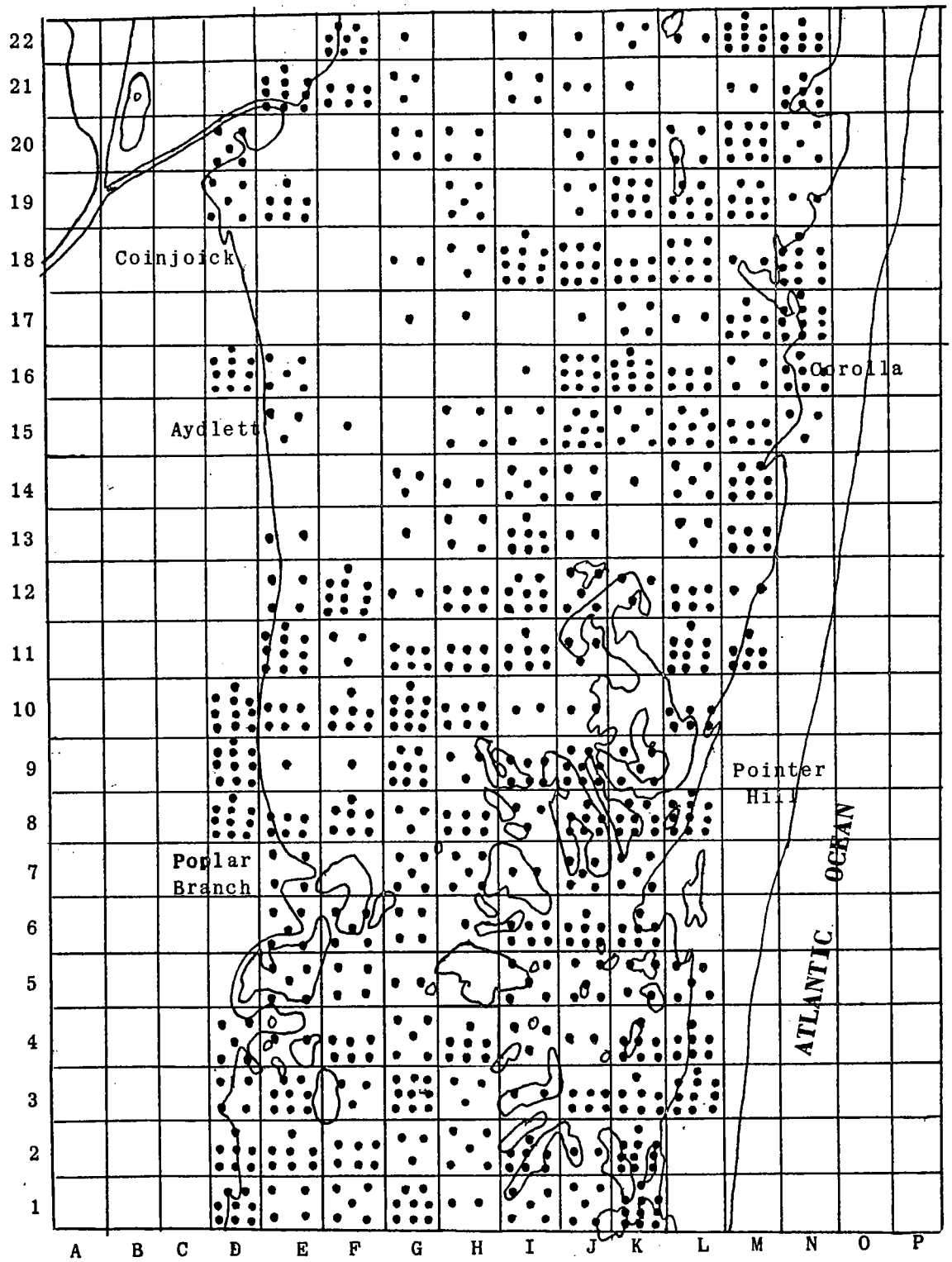

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Figure Distribution of Widgeon Grass, Master Survey, August 1962.

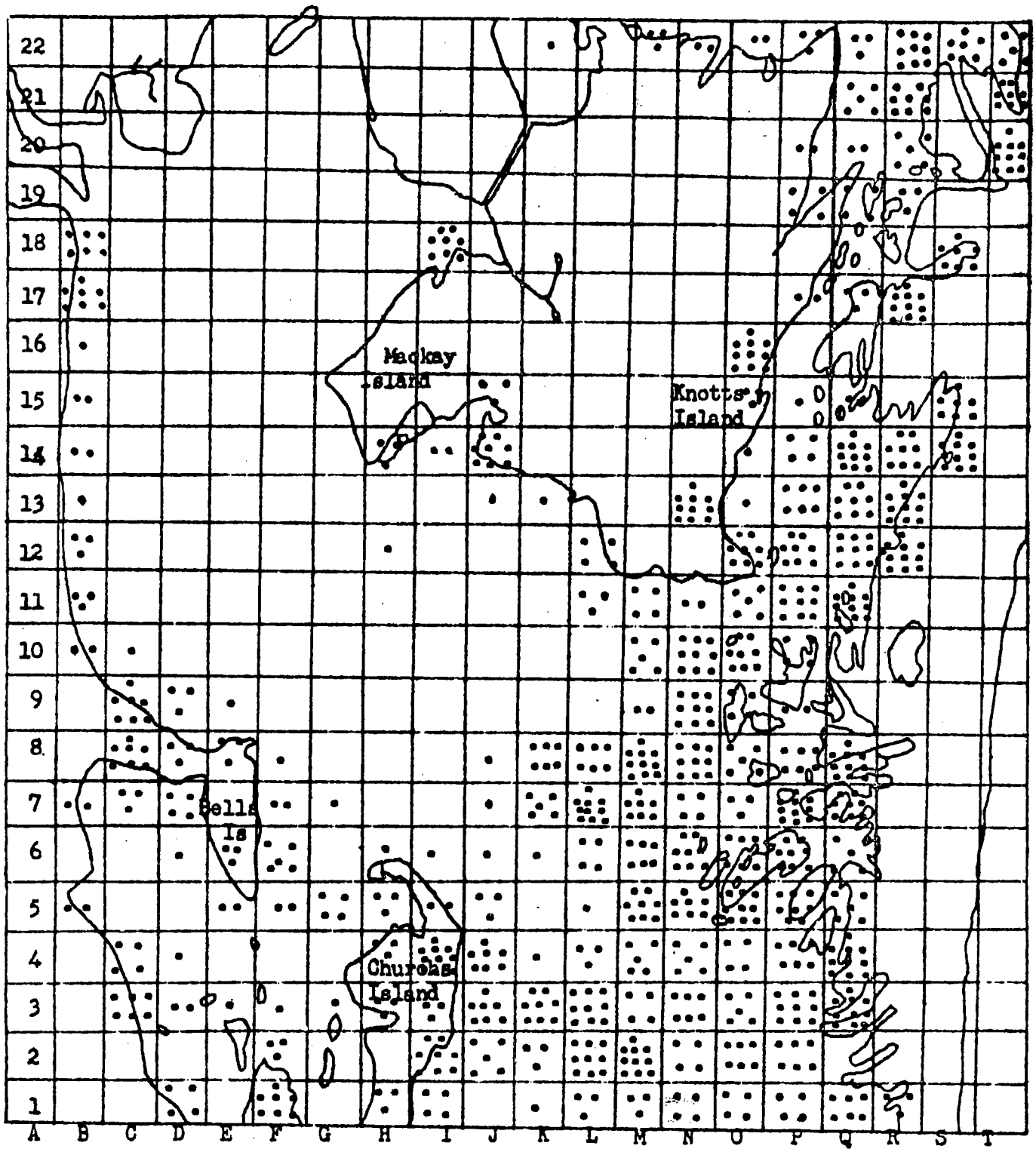

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Figure_____. Distribution of Widgeon Grass, Master Survey, August 1962.

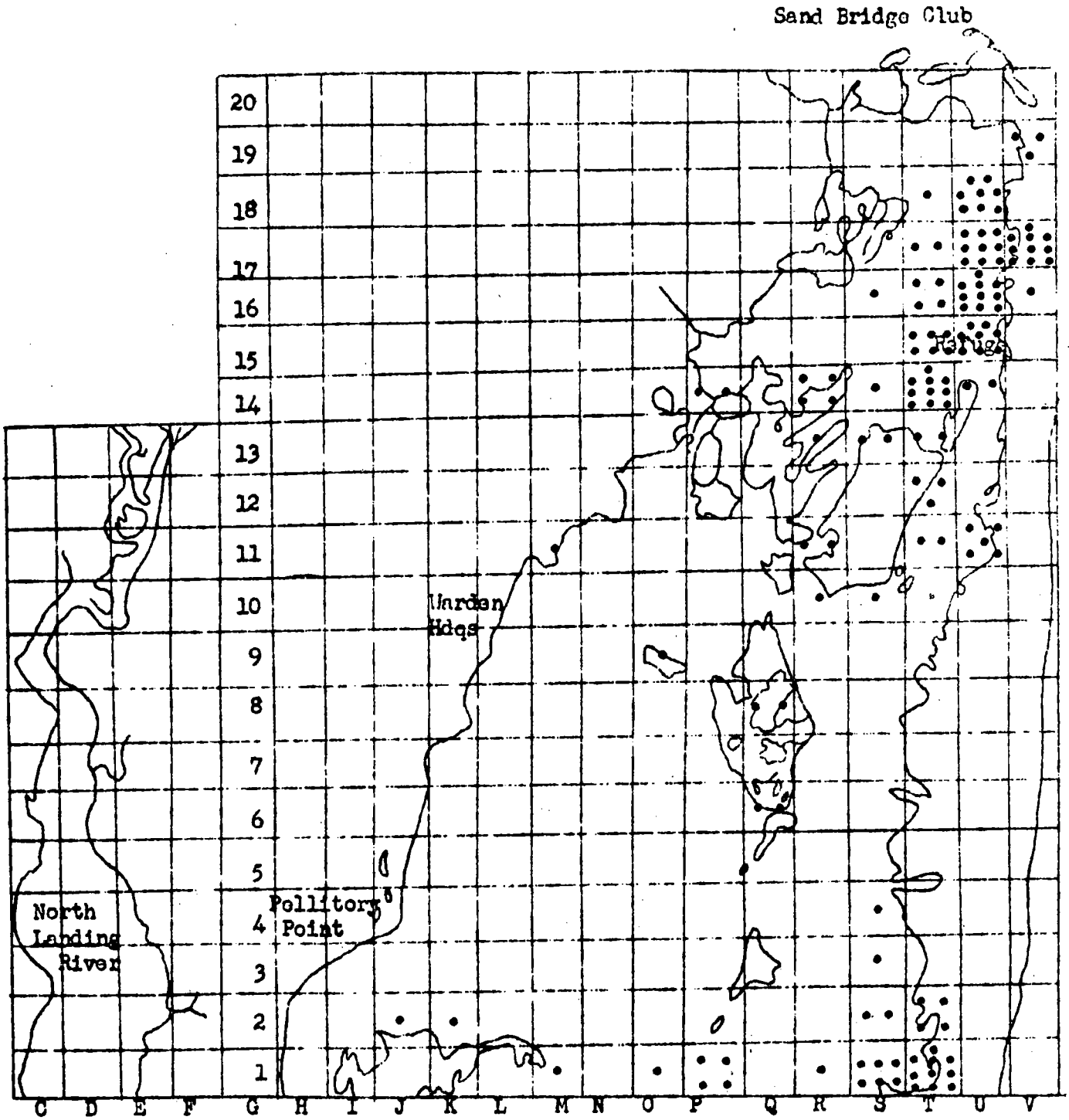

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Figure_____. Distribution of Widgeon Grass, Master Survey, August 1962.

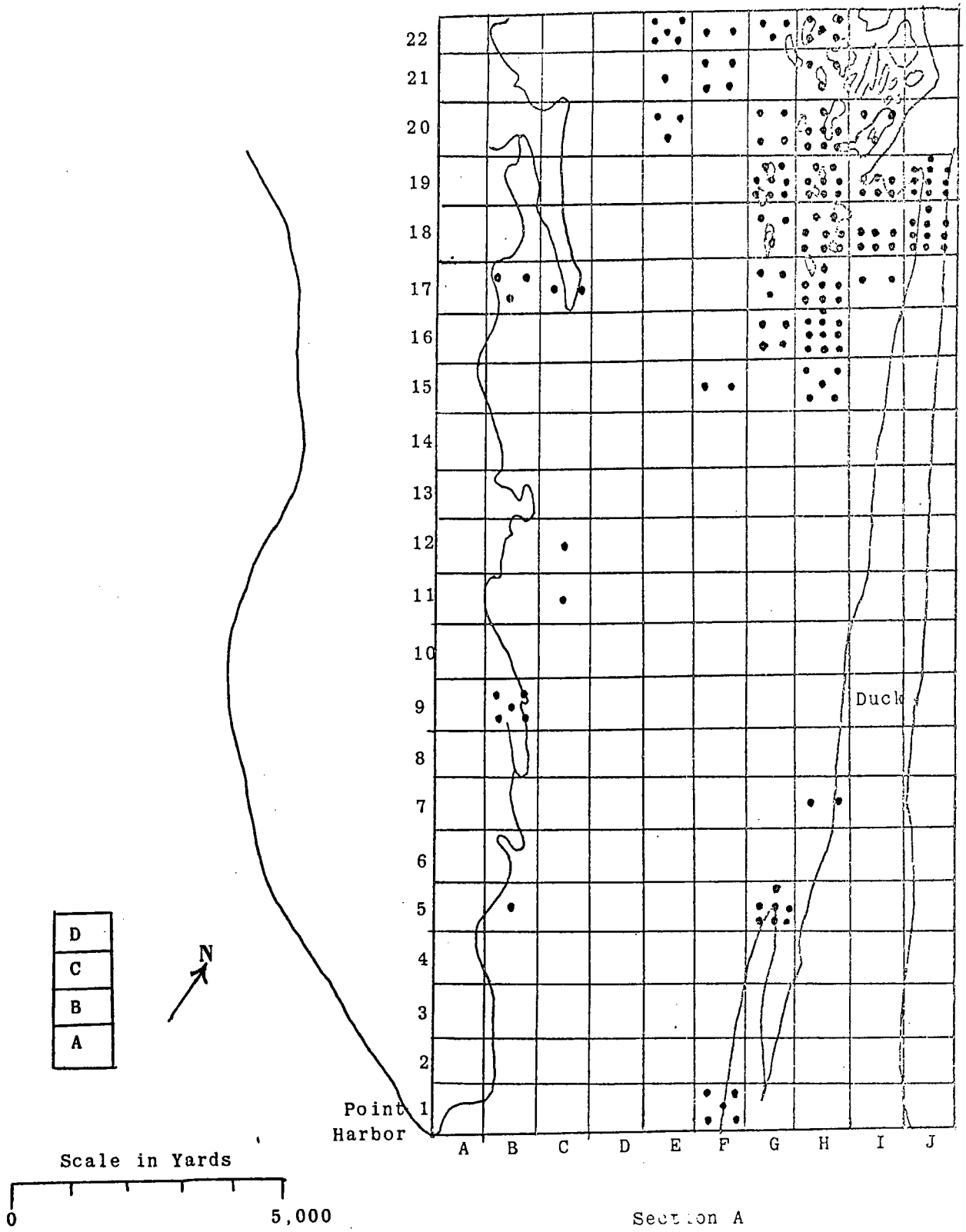

Figure . Distribution of Chara sp., Master Survey, August 1962.

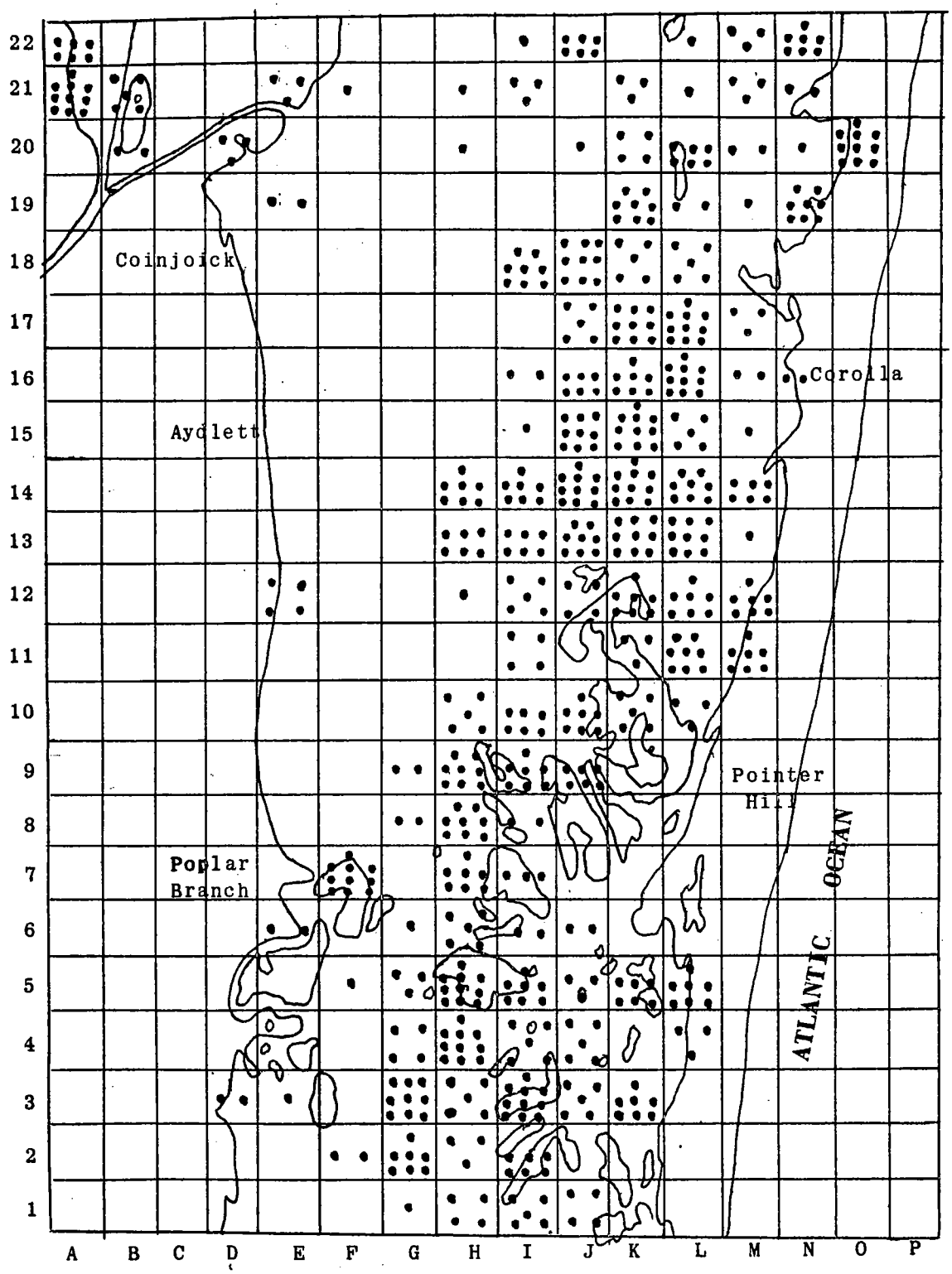

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Figure Distribution of Chara sp., Master Survey, August 1962.

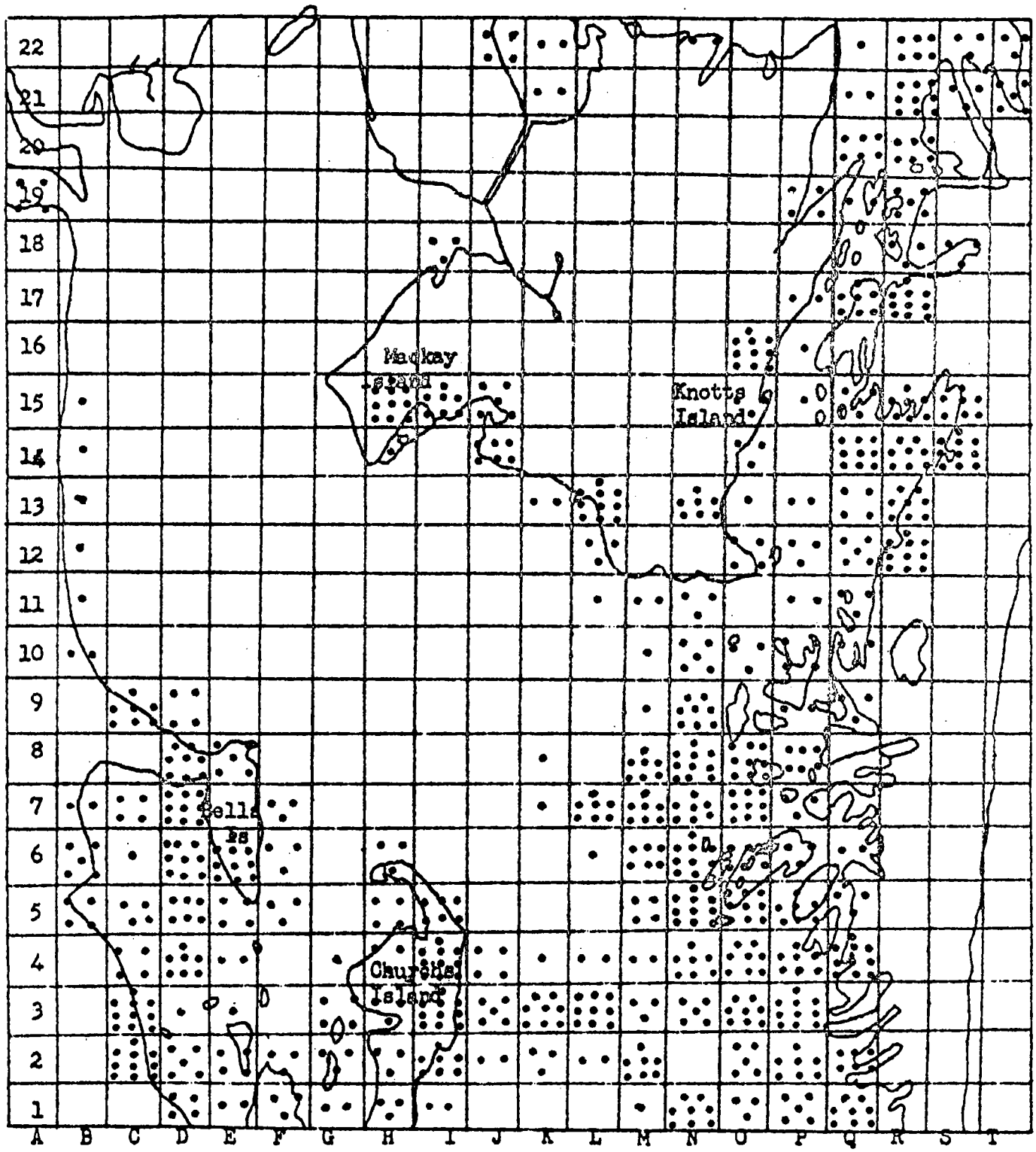

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Figure_____. Distribution of Chara sp., Master Survey, August 1962.

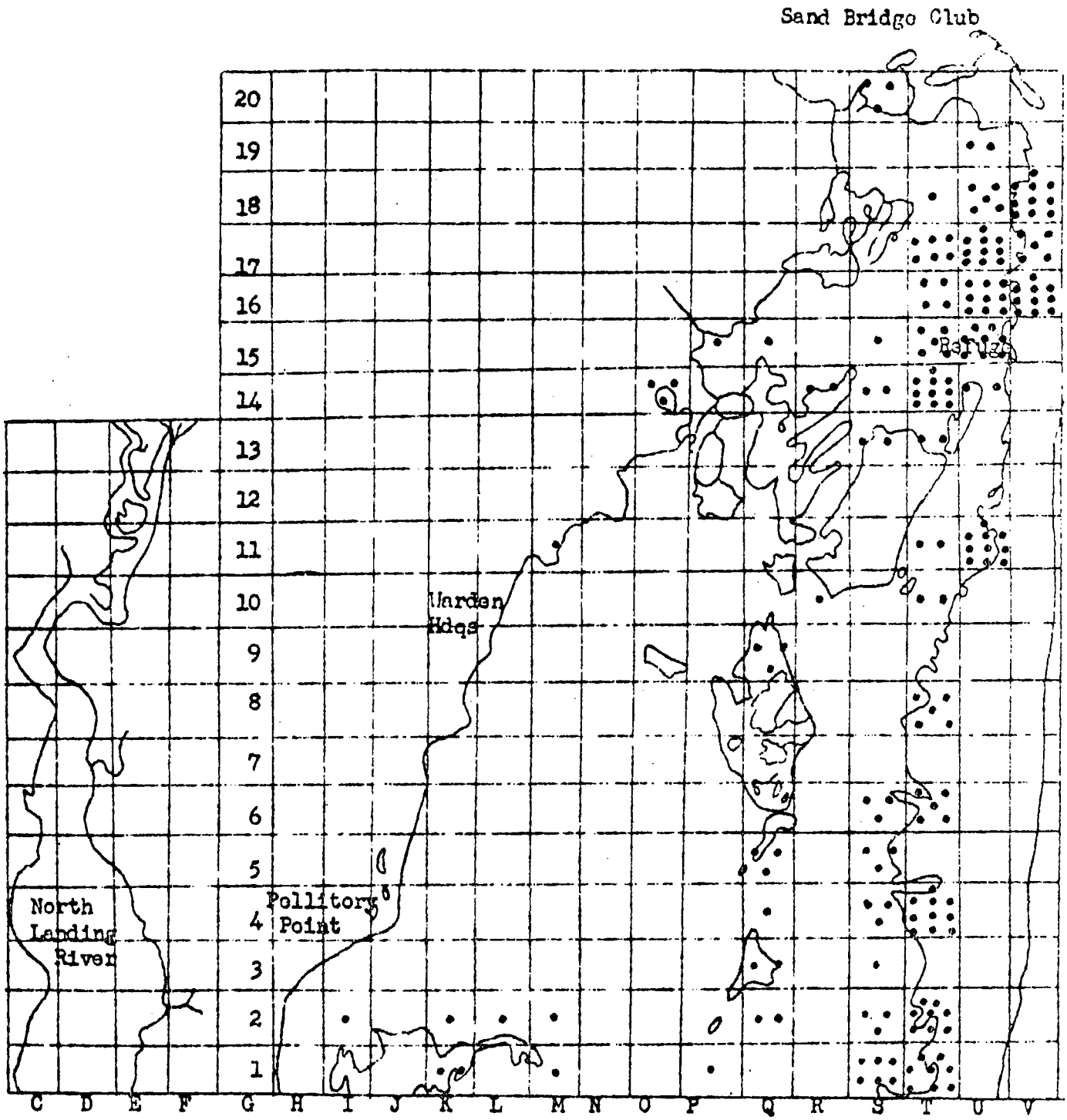

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Figure_____. Distribution of Chara sp., Master Survey, August 1962.

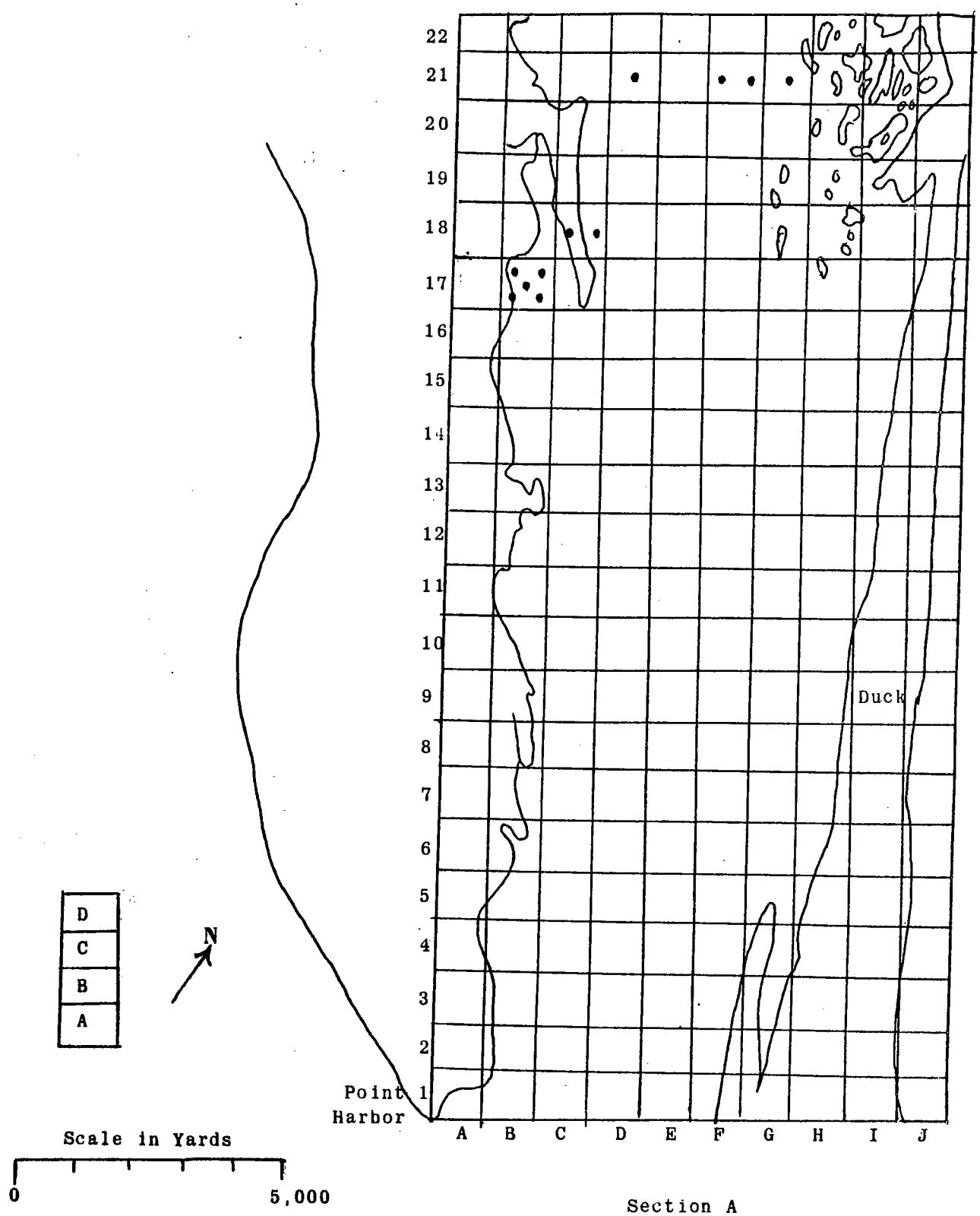

Figure Distribution of Nitella sp., Master Survey, August 1962.

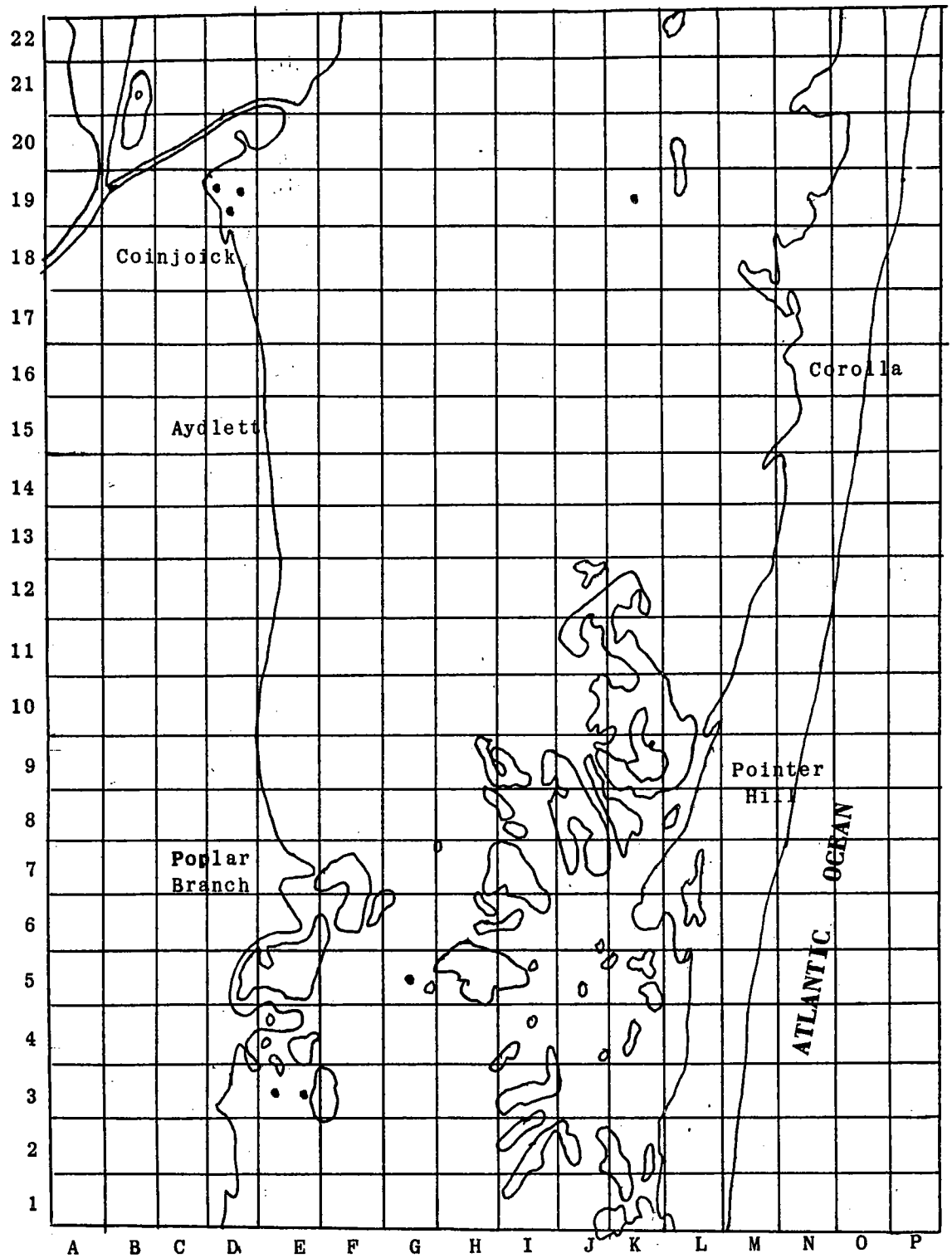

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Figure Distribution of Nitella sp., Master Survey, August 1962.

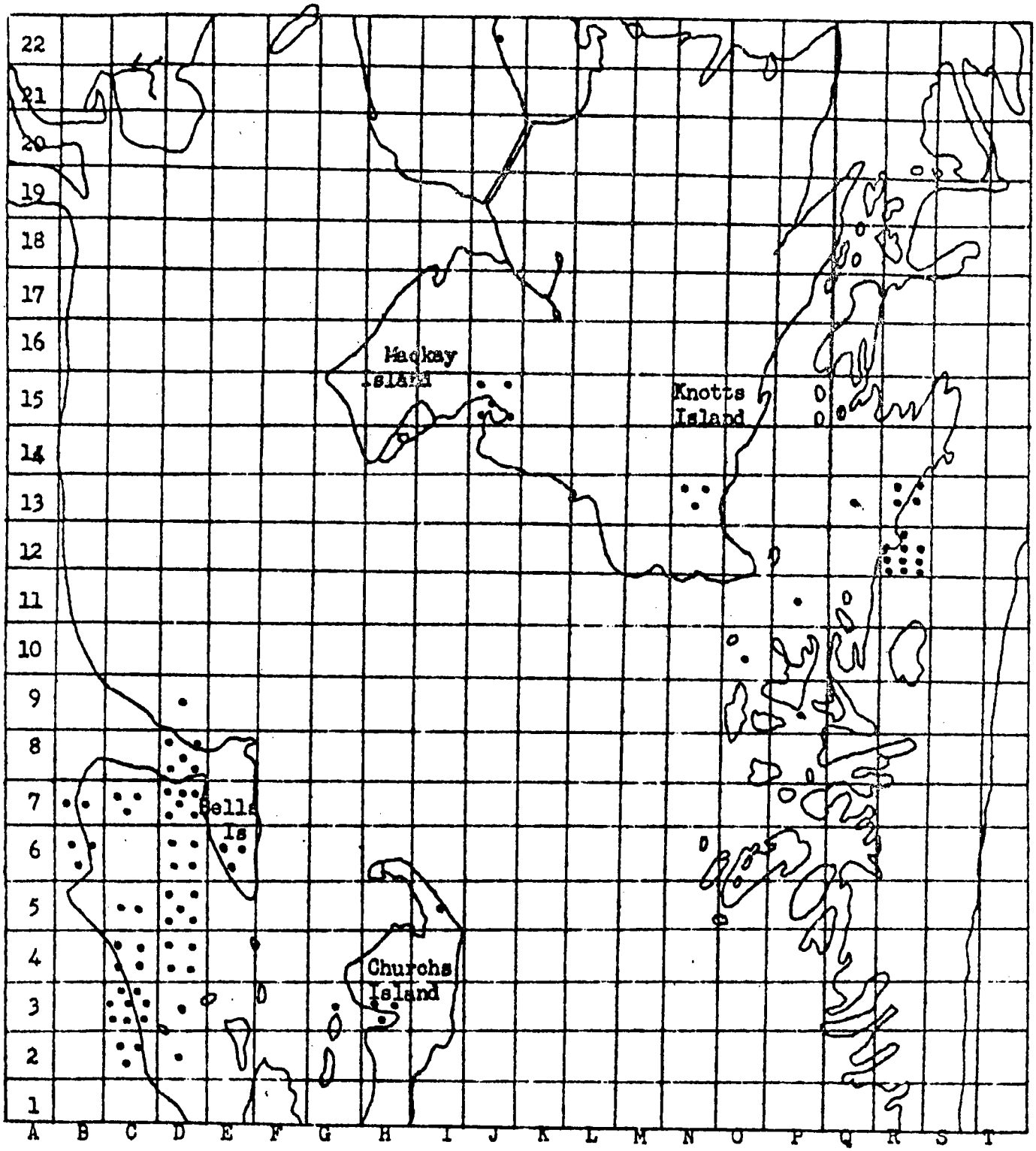

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Figure_____. Distribution of Nitella sp., Master Survey, August 1962

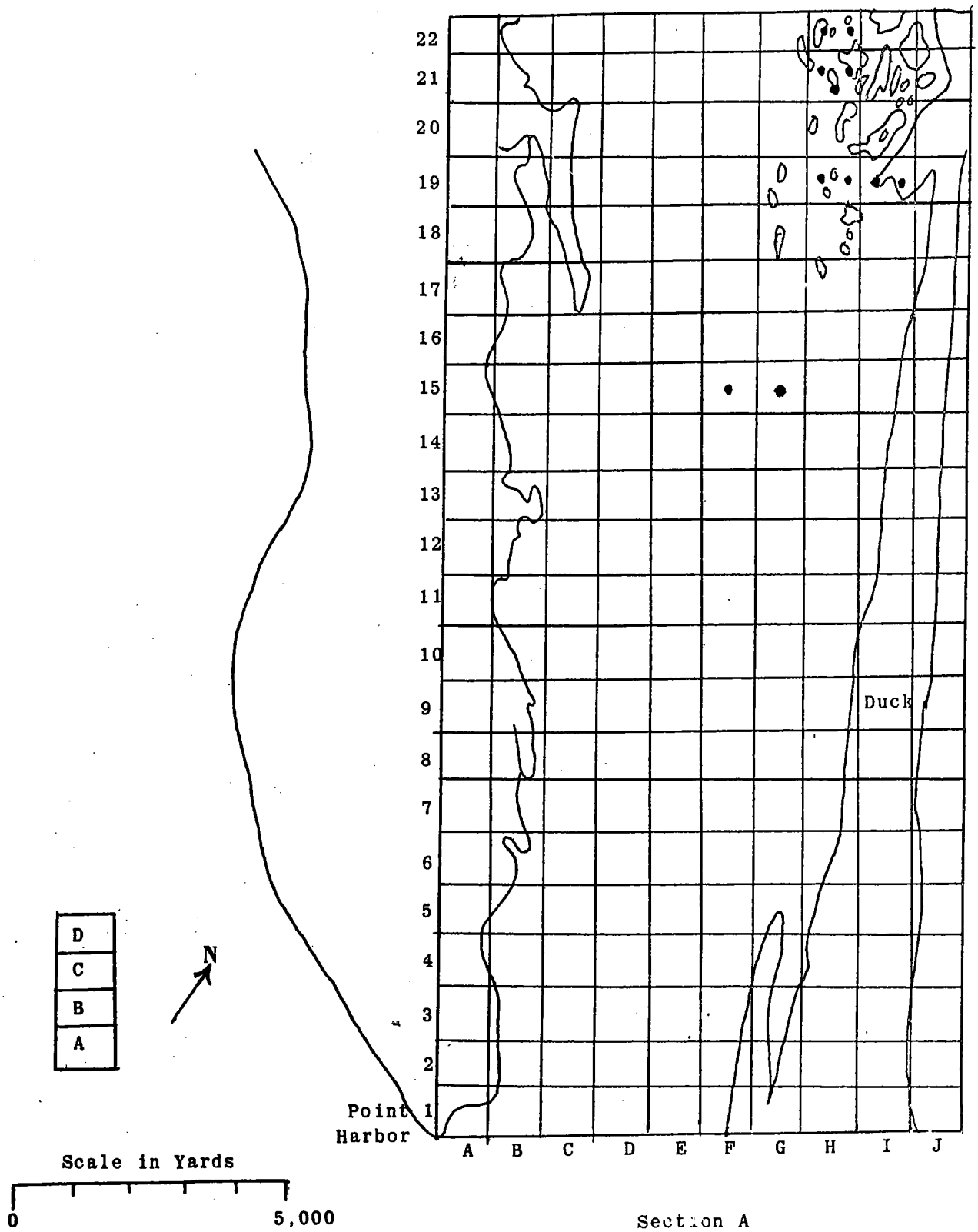

Figure Distribution of Eleocharis parvula, Master Survey, August 1962.

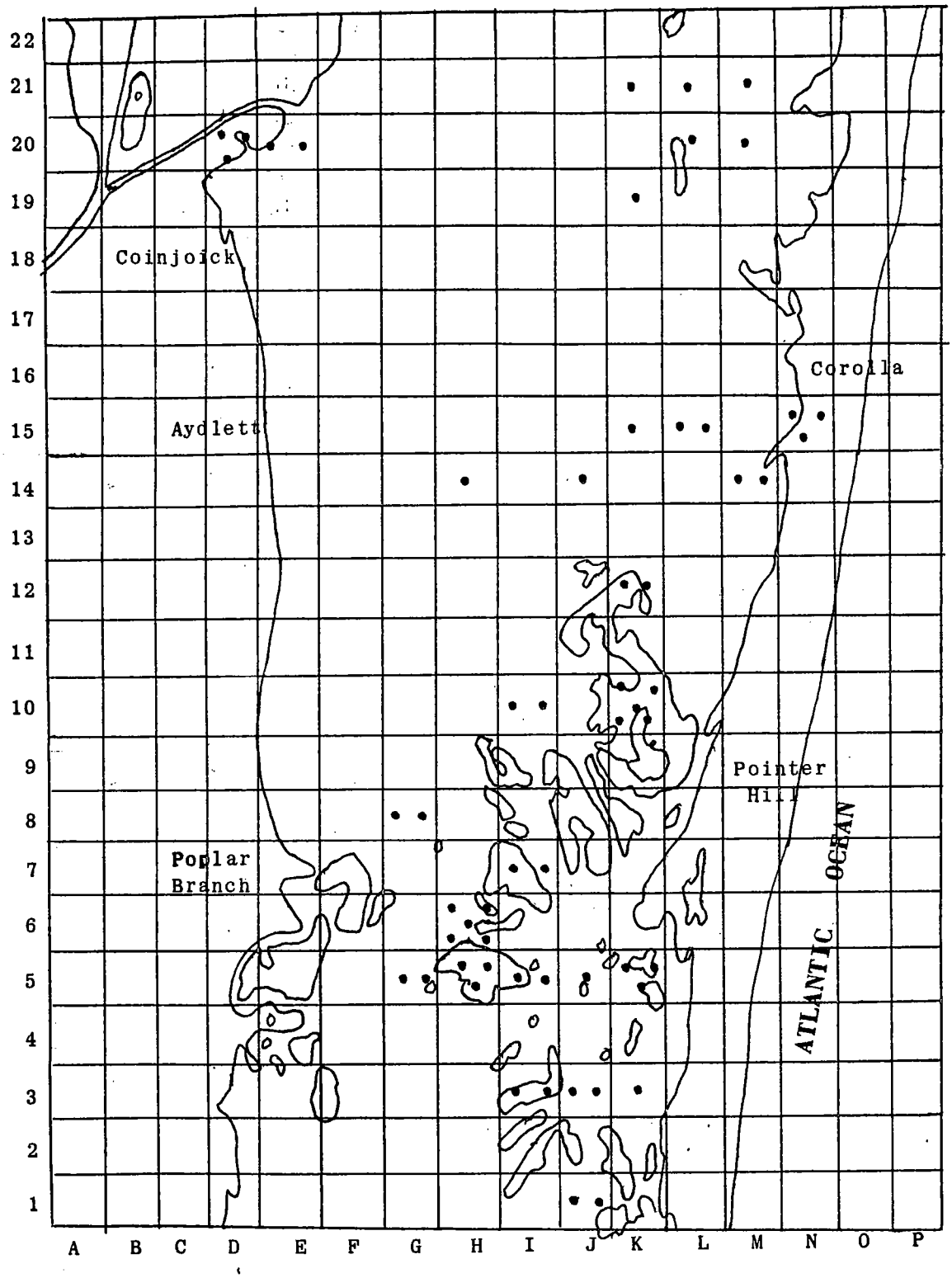

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Figure Distribution of Eleocharis parvula, Master Survey, August 1962.

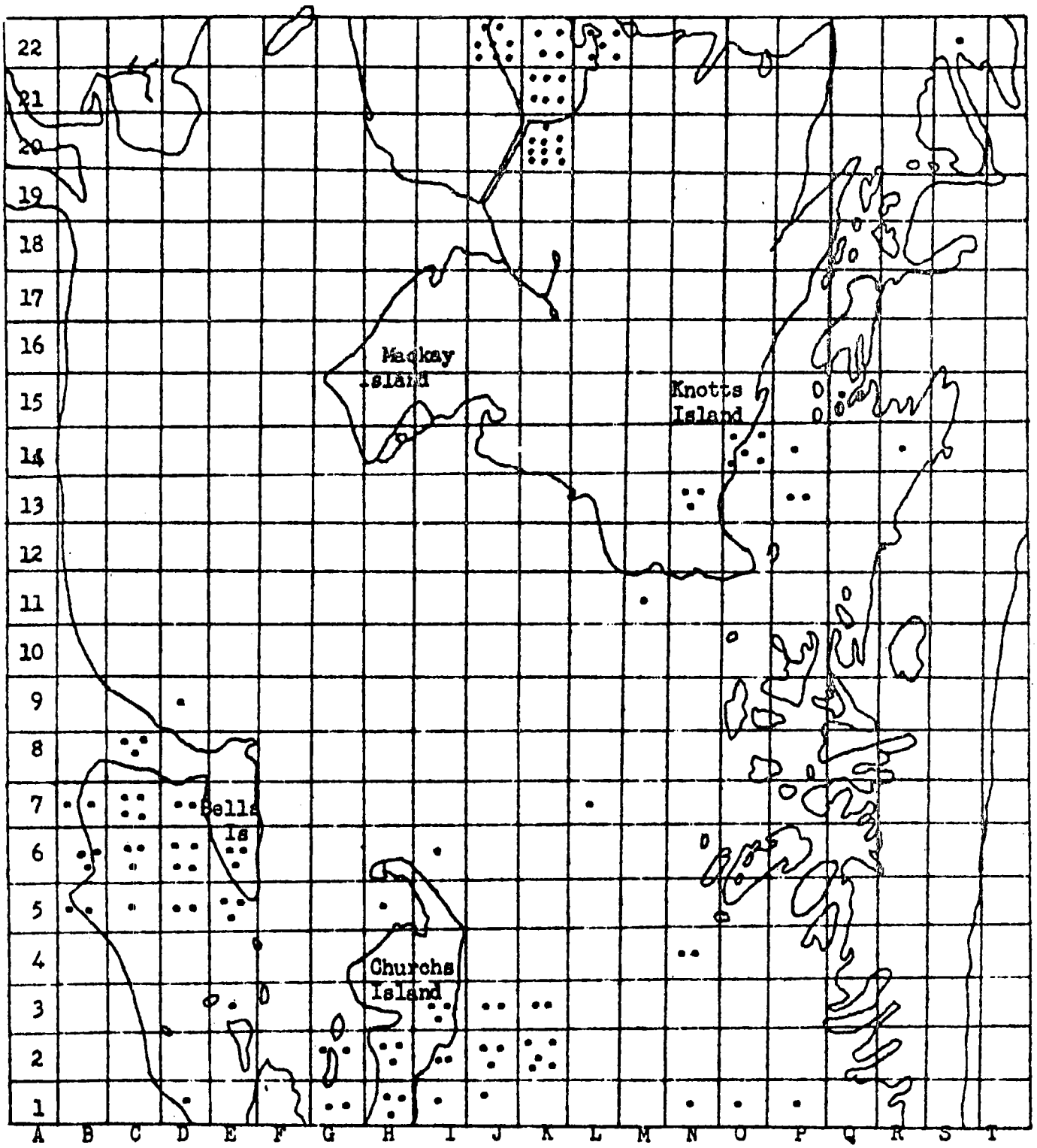

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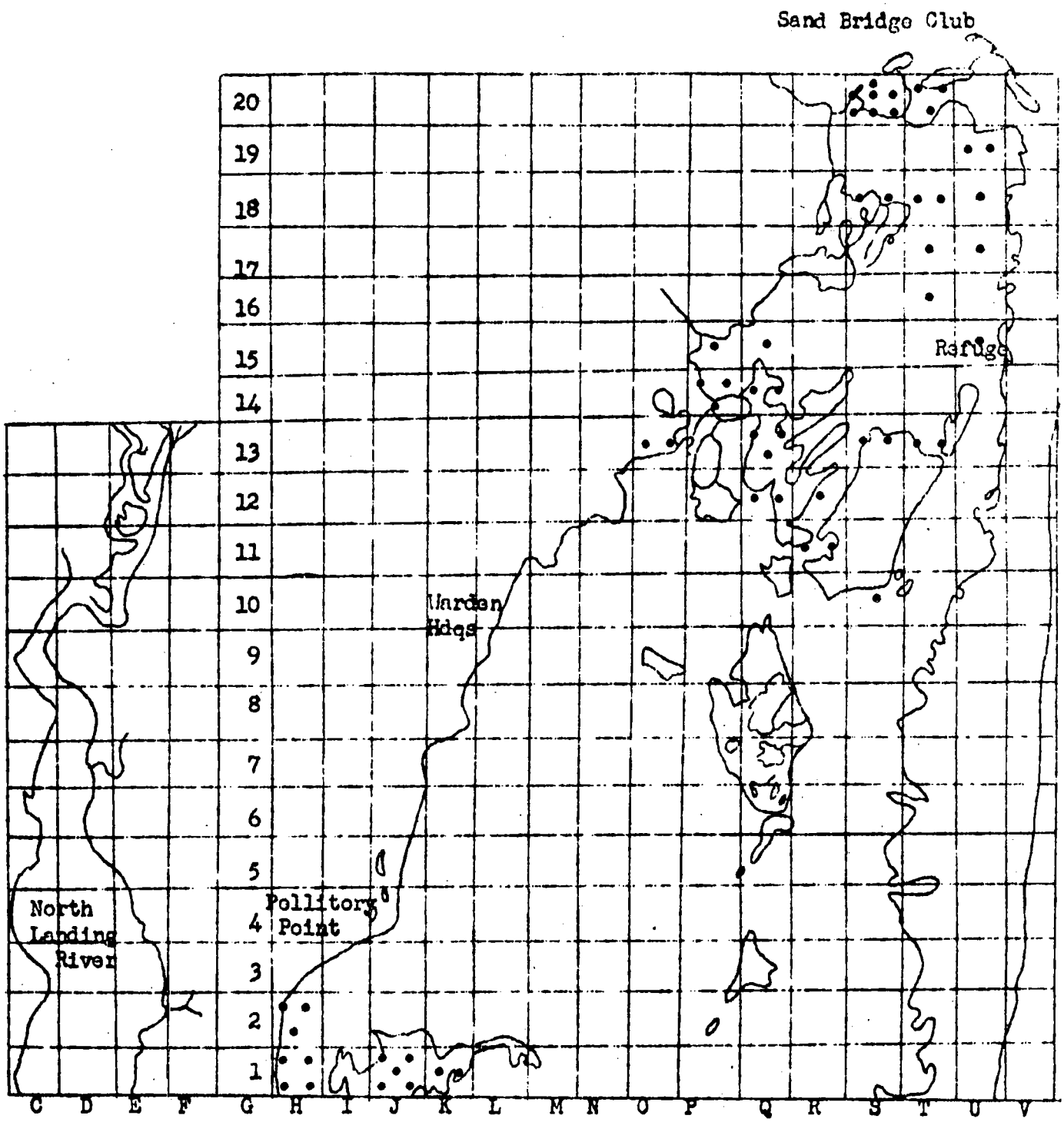
Figure_____. Distribution of Eleocharis parvula, Master Survey, August 1962.



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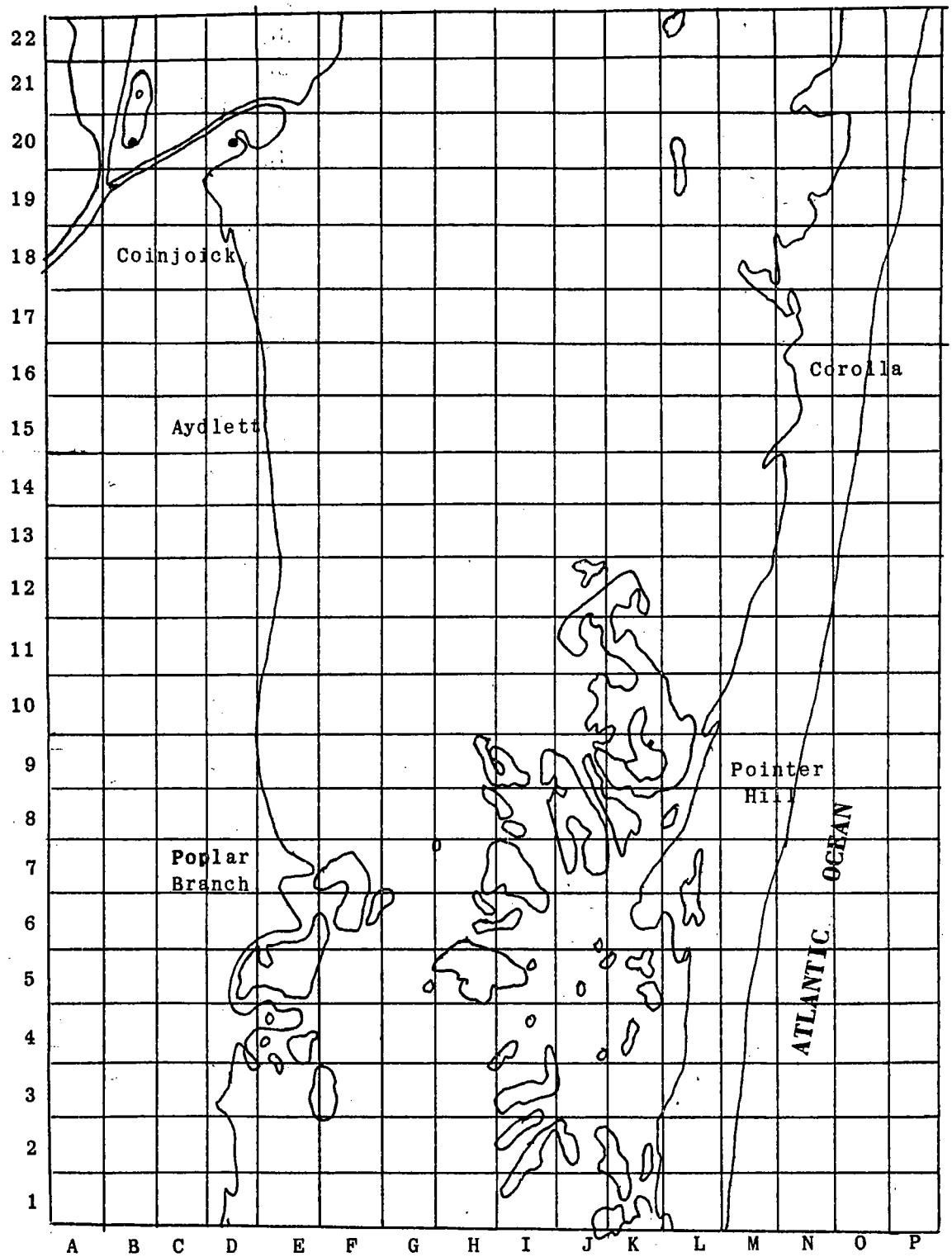

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Figure Distribution of Sagittaria subulata, Master Survey, August 1962.

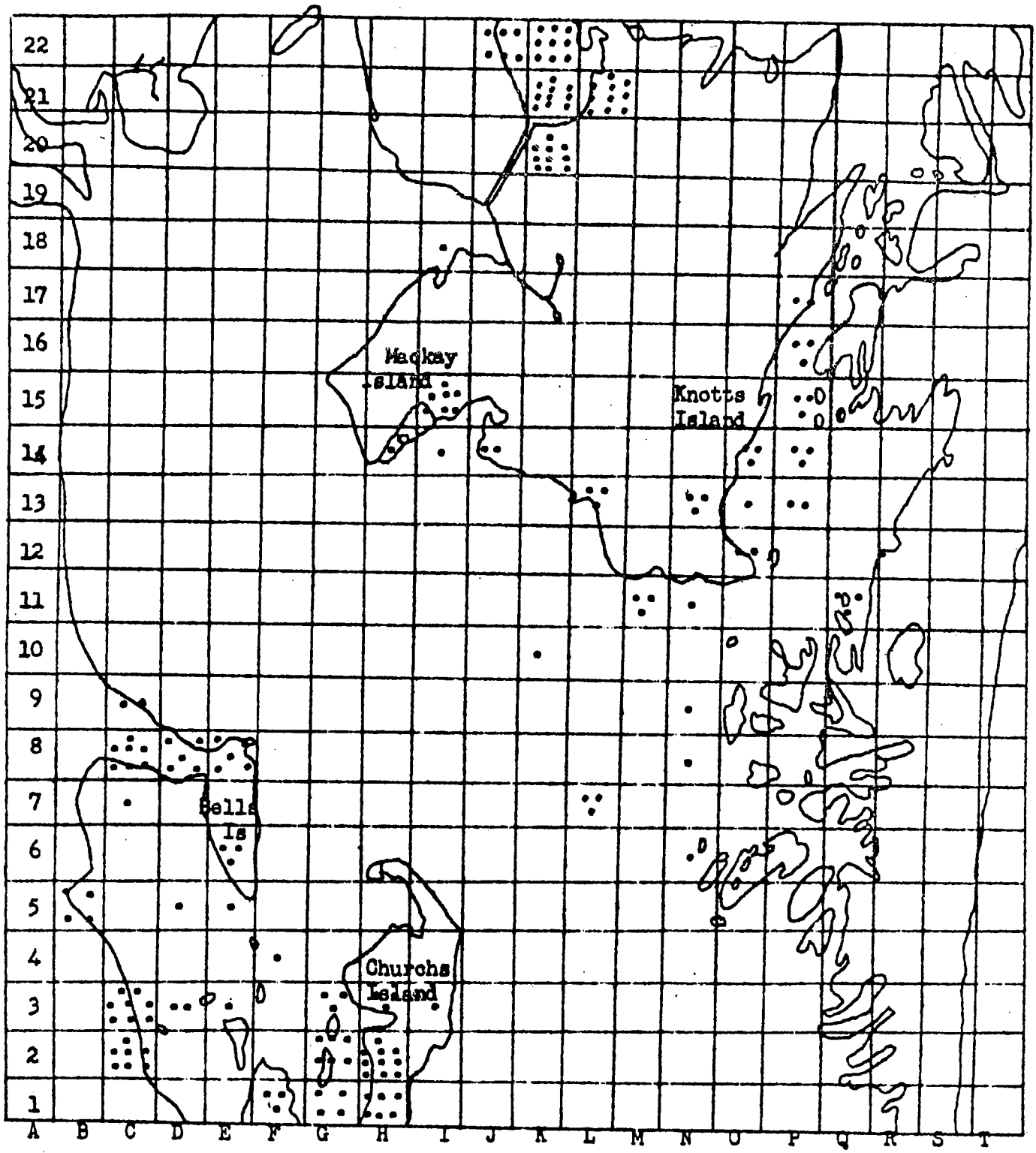

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Figure_____. Distribution of Sagittaria subulata, Master Survey, August 1962 .

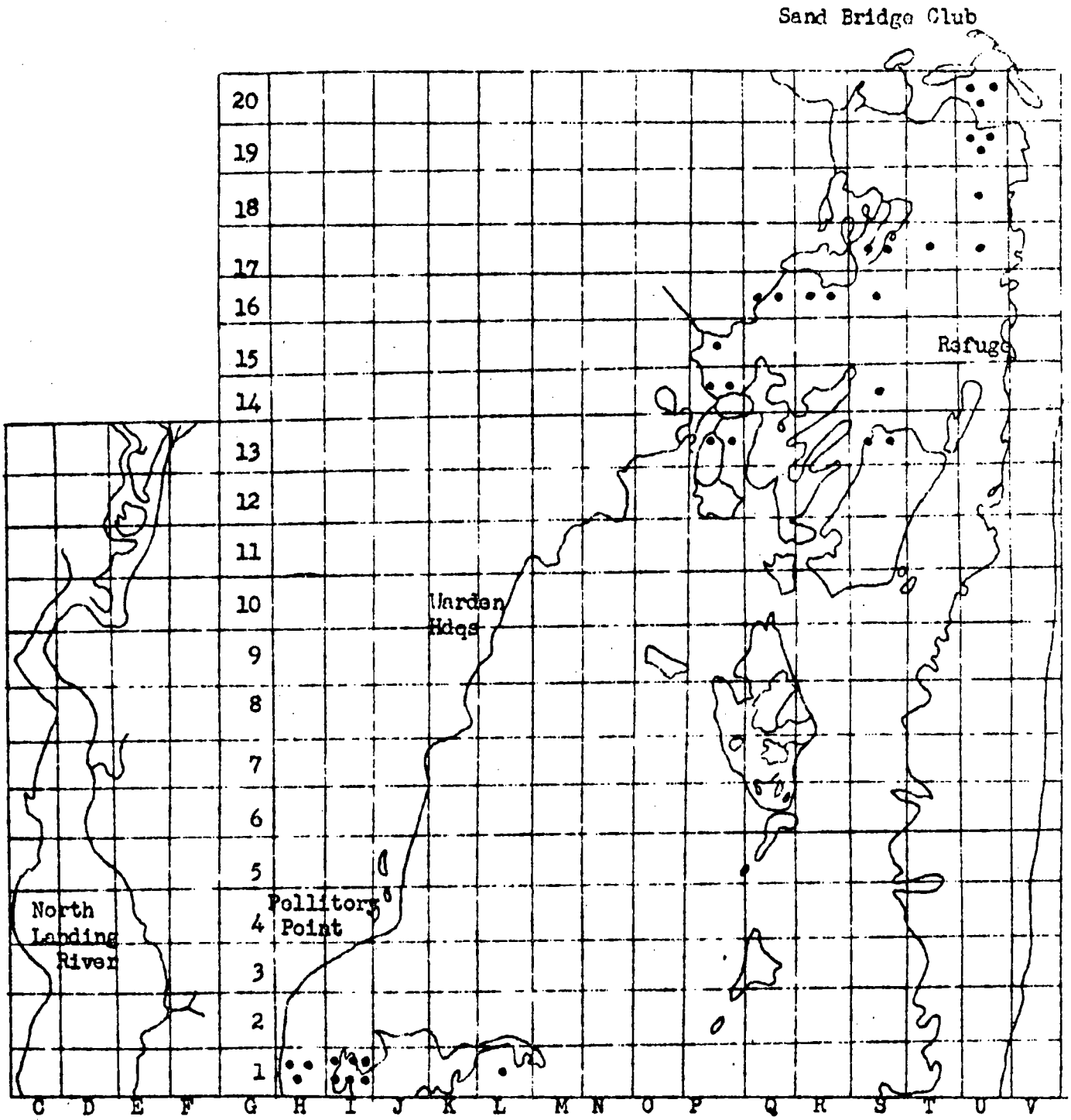

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Figure_____. Distribution of Sagittaria subulata, Master Survey, August 1962.

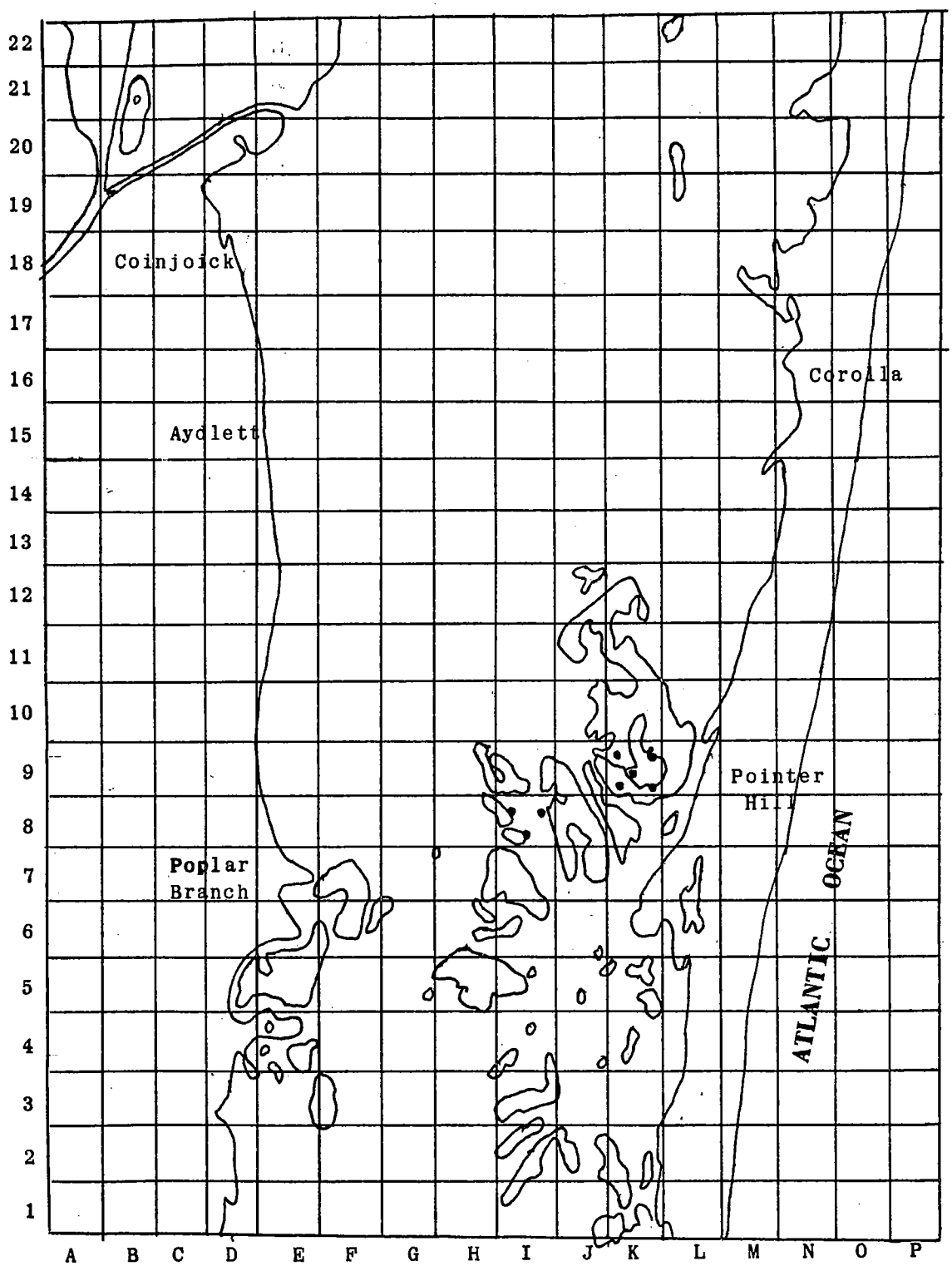

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Figure Distribution of Potamogeton berchtoldi, Master Survey, August 1962.

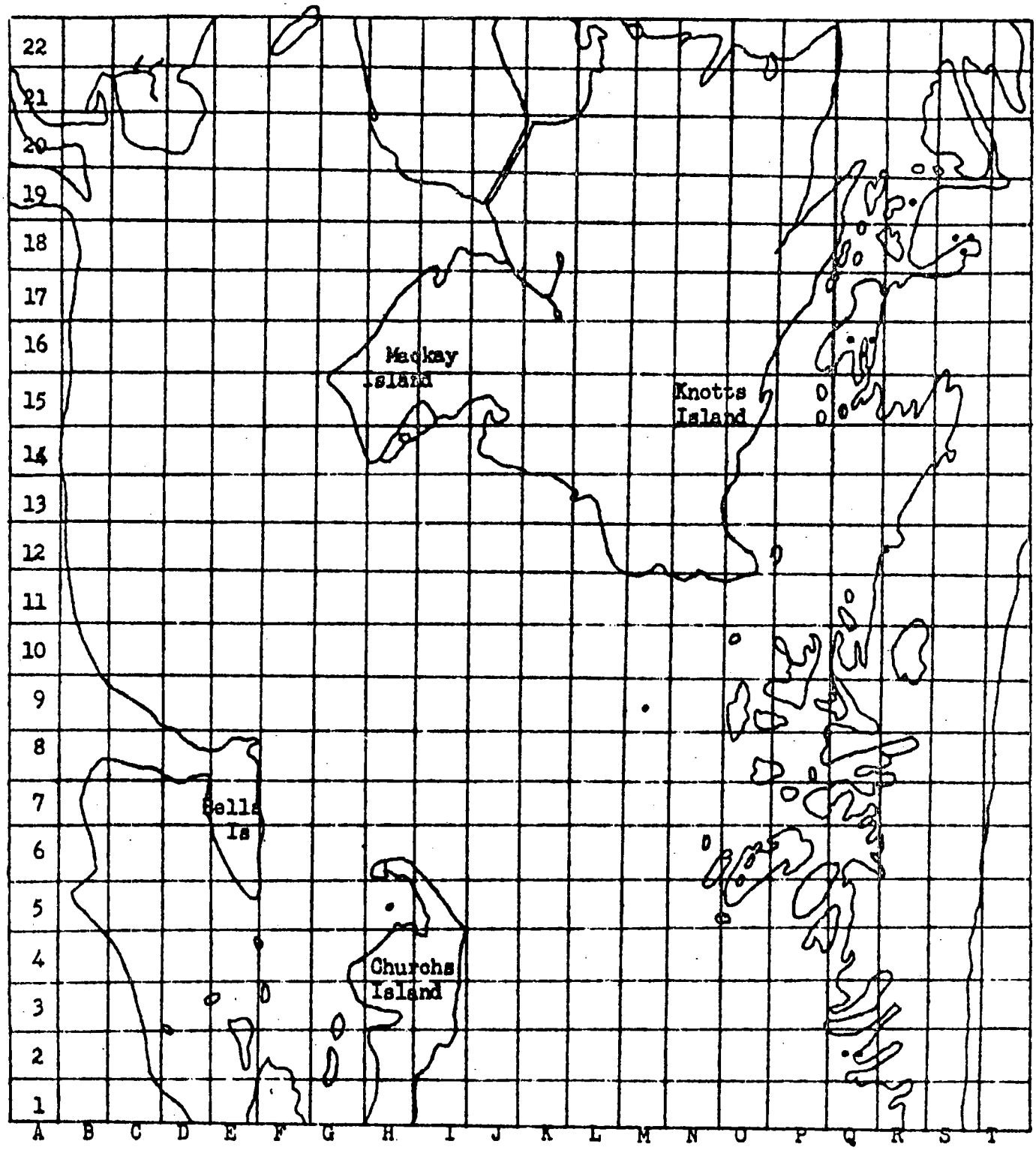

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Figure_____. Distribution of Potamogeton berchtoldi, Master Survey, August 1962

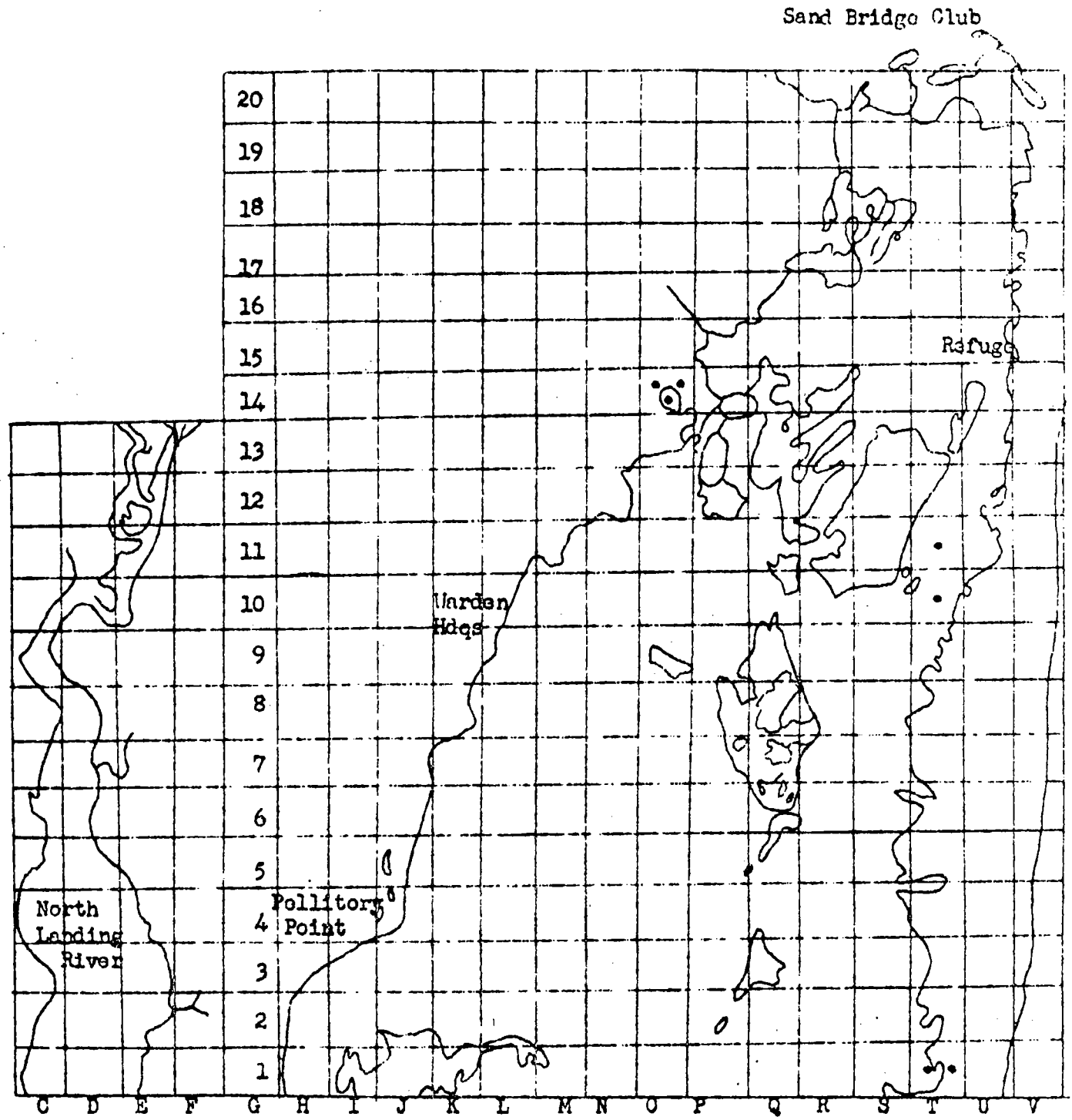

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Figure_____. Distribution of Potamogeton berchtoldi, Master Survey, August 1962

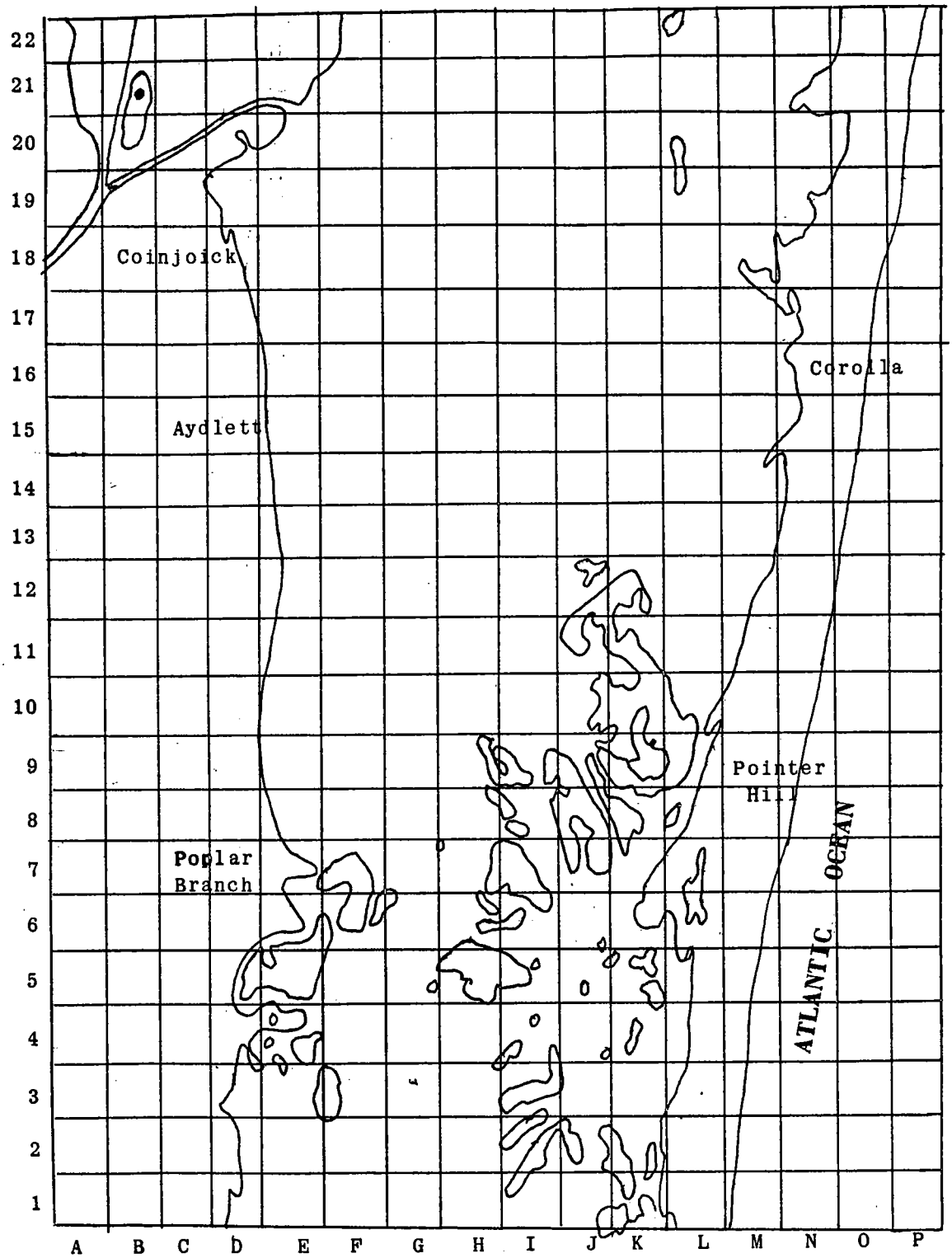

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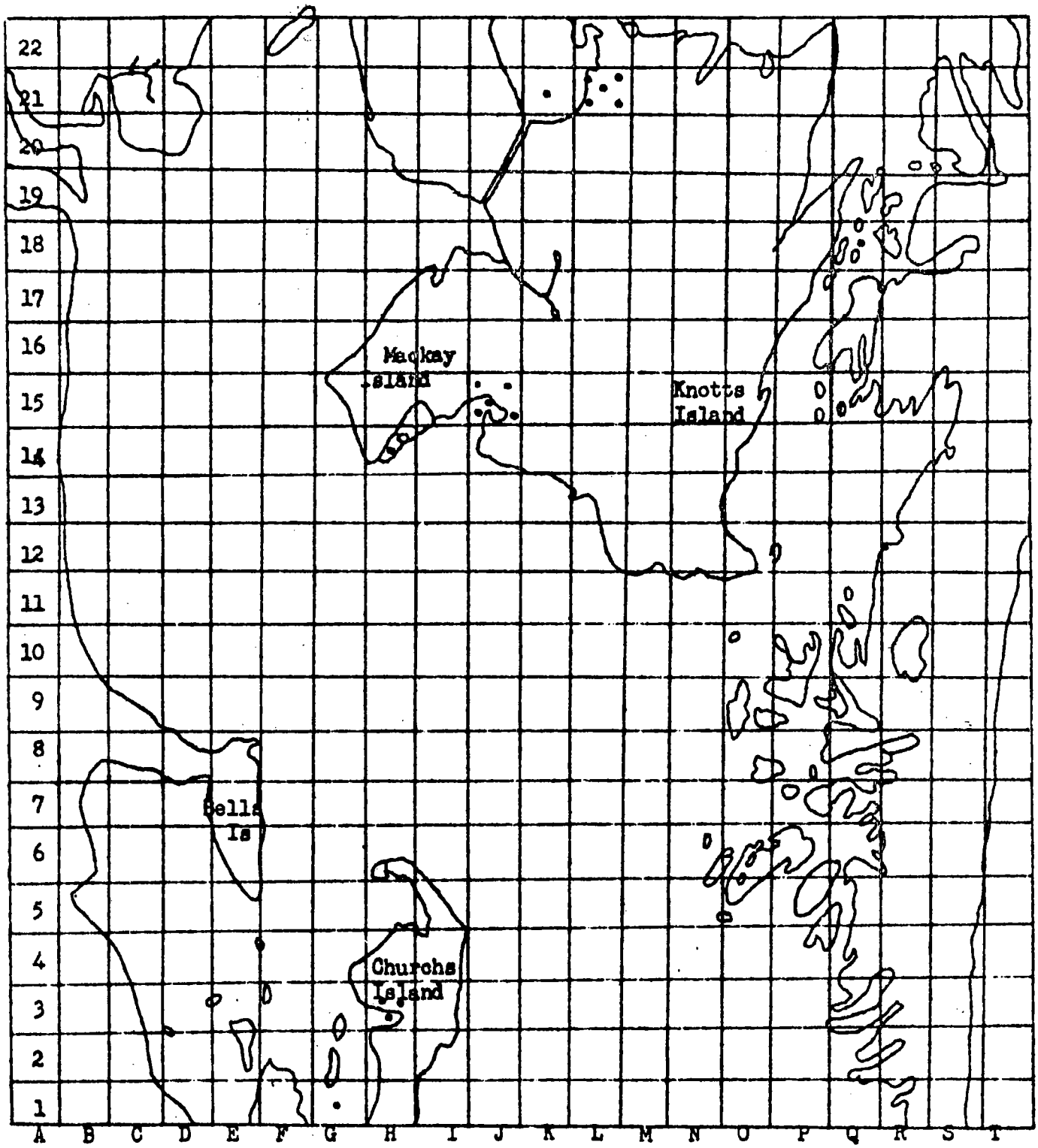
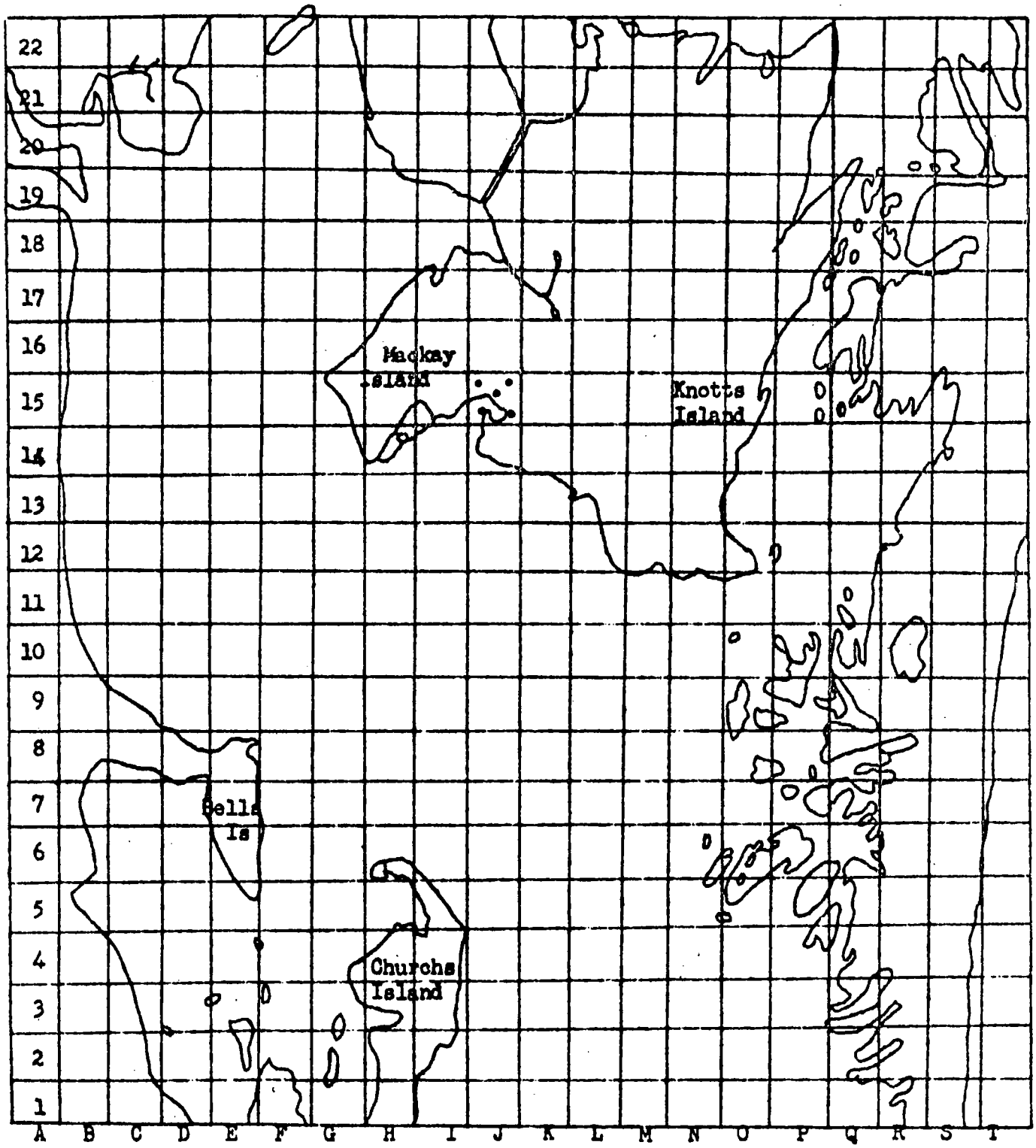
Figure Distribution of Anacharis sp., Master Survey, August 1962.



Section C

Figure_____. **Distribution of** Anacharis sp., Master Survey, August 1962.



Section C

Figure_____. **Distribution of** Ceratophyllum, Master Survey, August 1962

Table_____. Seed Production of Sago Pondweed as Determined from Study of June 23 to June 29, 1959, for Various Areas of Back Bay and Currituck Sound.

Area	Number Samples	Number Plants	Total Seed Heads	Average No. Heads/Sample	Total Seeds	Average No. Seed/Sample	Av. No. Seed per Seed Head	Total Volume (cc) Seed Head	Average Vol. (cc) Seed Head
#1 North and Shipps Bay	27	65	1	0.04	0	0	0	0	0
#2 Redhead Bay and Ragged Island	31	70	37	1.19	16	0.5	0.4	1	0.03
#3 Cedar Island to Pellitory Pt. & Pocahantas Marsh	42	78	223	5.31	230	5.5	1.0	12	0.05
Totals & Averages for Back Bay Area	100	213	261	2.61	246	2.46	0.9	13	0.05
#4 North Currituck Sound	6	-	33	5.50	291	48.5	8.8	11.1	0.34
#5 Mid Currituck Sound	12	-	138	11.50	836	69.7	6.1	13.1	0.09
#6 South Currituck	9	-	1444	160.44	42153	4683.6	29.2	98.5	0.07
Totals & Averages for Currituck Sound	27	-	1615	59.81	43280	1603.0	26.8	122.7	0.08

Table _____. Seed Production Surveys on Back Bay and Currituck Sound by Floatable Ring Samples* - Summer 1960.

Area	Number of Samples	Number of Seed Heads	Number of Seeds	Avg. Heads per Sample	Avg. Seeds per Sample	Avg. Seeds per Head
Back Bay-July 19, 1960 -and Currituck Sound-June, 1960 - Sago Pondweed						
A. North & Shipps Bay	27	140	116	5.2	4.3	0.8
B. Redhead Bay & Ragged Island	30	9	1	0.3	0.3	0.1
C. Cedar Is. & Pocahontas M.	42	63	178	1.5	4.2	2.8
Back Bay Total:	99	212	295	2.14	2.98	1.39
D. North Currituck	40	65	65	1.6	1.6	1
E. Mid Currituck	40	68	352	1.7	9.0	5
F. South Currituck	40	111	197	2.8	5.0	2
Currituck Sound Total:	120	244	614	2.03	5.12	2.52
Back Bay and Currituck Sound Total:	219	456	909	2.08	4.15	1.99
Currituck Sound - August 2, 1960 - Sago Pondweed						
D. North Currituck	40	22	29	0.5	0.7	1.3
E. Mid Currituck	40	63	32	1.6	0.8	0.5
F. South Currituck	40	233	118	5.8	2.9	0.5
Currituck Sound Total:	120	318	179	2.65	1.49	0.56
Currituck Sound-June 1960 - Redhead Grass						
D. North Currituck	40	564	3480	14	87	6
E. Mid Currituck	40	748	4050	19	101	5
F. South Currituck	40	1099	5100	27	127	5
Currituck Sound Total:	120	2,411	12,630	20.09	105.25	5.24

*hula hoop used with area of approximately 6.3 sq.ft.

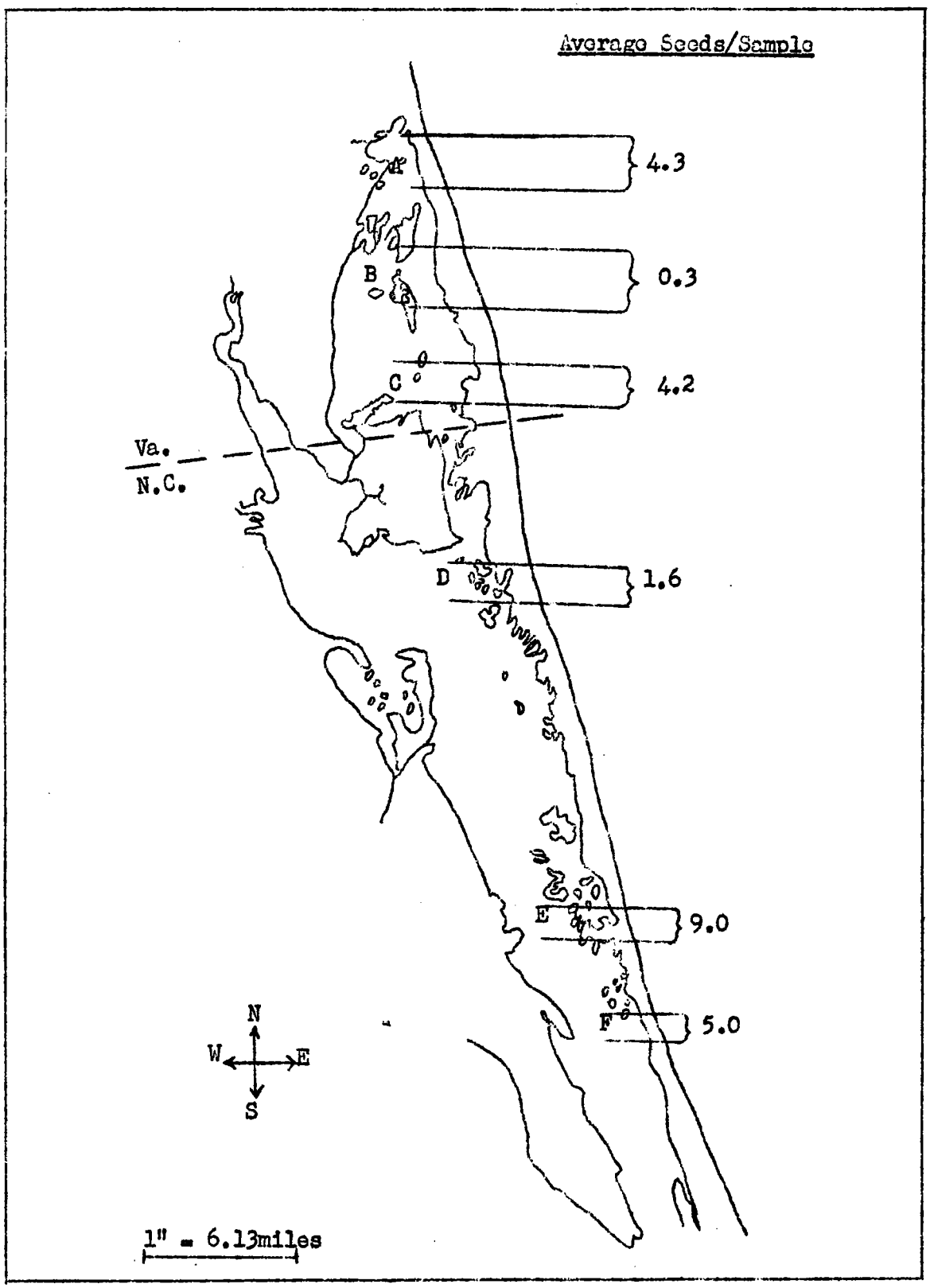


Figure_____. Average Number of Sago Pondweed Seeds Per Floatable Ring Sample 6.3 Sq. Ft. in Size-Based on a Total of 219 Samples-July, 1960.

Table_____. Sago Pondweed Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples-July 12, 1960-Each Sample=1440 cc. of Sago Vegetation.

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Sago per Seed Head	Avg. cc. of Sago per Seed
1. Western Shipps Bay	5	0	0	288.00	0
2. Rock Point Ragged Island	0	0	0		
3. Cedar Island	48	21	0.44	30.00	68.57
4. Buzzard Bay	0	0	0		
Back Bay Totals and Averages:	53	21	0.40	105.66	274.29
1. North of Swan Island	38	27	0.71	37.89	53.33
2. West of Swan Island	71	44	0.62	20.28	32.72
3. Mary Island	34	58	1.71	42.35	24.82
4. South of Corolla	20	32	1.60	72.00	45.00
5. North of Mossey Island	950	4136	4.35	1.52	0.35
6. West of Mossey Island	176	4224	24.00	8.18	0.34
7. West of Pointers Hill	74	59	0.80	19.46	24.41
8. East of Grandy	71	34	0.48	20.28	42.35
9. Southern-most Is. on East side	41	14	0.34	35.12	102.86
Currituck Sound Totals & Avgs:	1475	8628	5.85	8.79	1.50
Back Bay and Currituck Sound Totals & Avgs:	1528	8649	5.66	12.25	2.16

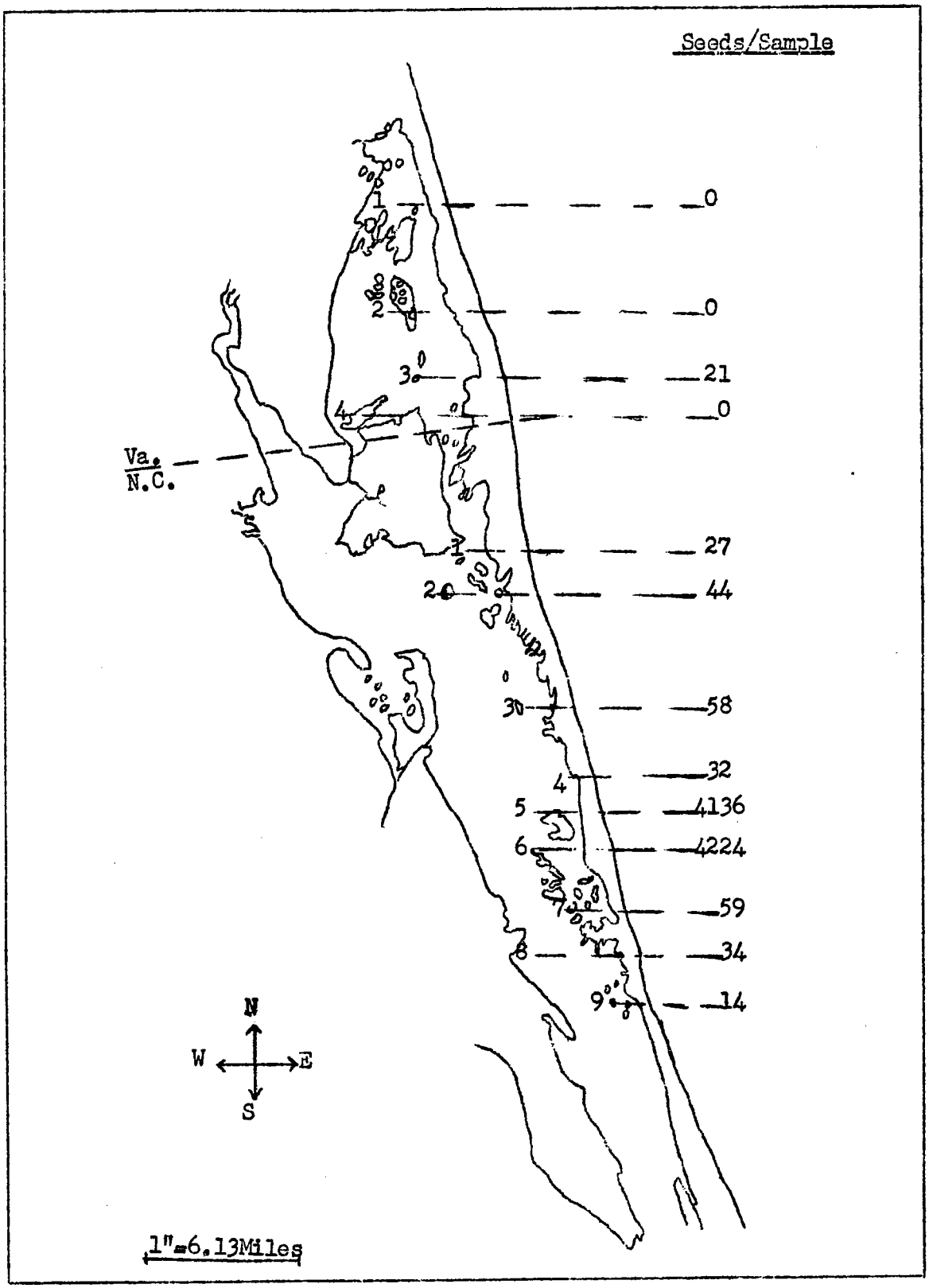


Figure_____. Number of Sago Pondweed Seeds per 1440 cc. Sample of Sago Pondweed at Thirteen Stations July 12, 1960.

Table . Estimated Number of Sago Pondweed Plants in Each of 19 Strata in Back Bay, Virginia, and Currituck Sound, North Carolina, in August-September 1961.

Strata	No. Sq. Ft.	# Random Samples	# Samples in Density Class: 1 Plant/ Sq. Ft.	1 Plant/ 50 Sq.Ft.	1 Plant/ 100 Sq.Ft.	$x = \frac{n \times sq.ft.}{samples}$	$x = \frac{n \times sq.ft.}{samples}$ / 50	$x = \frac{n \times sq.ft.}{samples}$ / 100	Total
1	67,822,920	30	2	11	17	4,520,000	500,000	380,000	5,400,000
2	42,471,000	30	1	11	18	1,420,000	310,000	250,000	1,980,000
3	135,689,400	50	8	20	22	21,710,000	1,090,000	600,000	23,400,000
4	41,120,640	30	3	6	21	4,110,000	160,000	290,000	4,560,000
5	65,775,600	30	0	7	23	0	310,000	500,000	810,000
6	74,705,400	30	7	4	19	17,430,000	200,000	470,000	18,100,000
7	214,445,800	50	4	22	24	17,160,000	1,890,000	1,030,000	20,080,000
8	38,376,360	30	0	10	20	0	260,000	260,000	520,000
9	308,361,240	100	25	42	33	77,090,000	2,590,000	1,020,000	80,700,000
10	151,414,560	50	3	21	26	9,080,000	1,270,000	790,000	11,140,000
11	215,839,800	50	14	27	9	60,440,000	2,330,000	390,000	63,160,000
12	333,713,160	100	65	26	9	216,910,000	1,740,000	600,000	219,250,000
13	234,352,800	100	5	62	33	11,720,000	2,910,000	770,000	15,400,000
14	388,511,640	100	22	53	25	85,470,000	4,120,000	970,000	90,560,000
15	321,342,120	100	26	53	21	83,550,000	3,410,000	670,000	87,630,000
16	89,777,160	30	7	21	2	20,950,000	1,260,000	60,000	22,270,000
17	36,982,440	30	7	13	10	8,630,000	320,000	120,000	9,070,000
18	56,192,400	30	7	20	3	13,110,000	750,000	60,000	13,920,000
19	86,466,600	30	17	10	3	49,000,000	580,000	90,000	49,670,000
Total	2,903,361,120	1,000	223	439	338	702,300,000	26,000,000	9,320,000	737,620,000

Table . Estimated Number of Sago Pondweed Plants in Each of 19 Strata in Back Bay, Virginia, and Currituck Sound, North Carolina, in August-September 1961.

Strata	Est. No. Plants	# Random Samples	Av. No. Seed Per Sample	Est. No. Seeds	Pounds of Seed*	Pounds (wet) Seed/Acre	Stratum Rank
1	5,400,000	30	0.033	200,000	3	0.0019	11
2	1,980,000	30	0.067	100,000	2	0.0021	10
3	23,400,000	50	0.200	4,700,000	80	0.0026	9
4	4,560,000	30	0	0	0	0	--
5	810,000	30	0	0	0	0	--
6	18,100,000	30	0	0	0	0	--
7	20,080,000	50	0	0	0	0	--
8	520,000	30	0	0	0	0	--
9	80,700,000	100	0.120	9,700,000	167	0.0236	8
10	11,140,000	50	0	0	0	0	--
11	63,160,000	50	4.560	288,000,000	4,952	1.0000	2
12	219,250,000	100	2.650	581,000,000	9,991	1.3041	1
13	15,400,000	100	2.220	34,200,000	585	0.1087	7
14	90,560,000	100	0.650	58,900,000	1,013	0.1136	6
15	87,630,000	100	1.940	170,000,000	2,923	0.3962	4
16	22,270,000	30	2.333	51,900,000	892	0.4328	3
17	9,070,000	30	0	0	0	0	--
18	13,920,000	30	1.833	25,500,000	438	0.3395	5
19	49,670,000	30	0	0	0	0	--
Total	737,620,000	1,000	1.122	1,224,200,000	21,046 wet or 12,242 dry	0.3158	

* Based on average weight of 7.8 mg./seed.

Table_____. Sago Pondweed Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 11-18, 1962 - Each Sample = 1440 cc. of Sago Vegetation. Back Bay-Currituck Sound Cooperative Investigations.

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Sago per Seed Head	Avg. cc. of Sago per Seed
1. Northwestern Shipps Bay	911	11315	12.42	1.58	0.13
2. Rock Point	1014	22795	22.48	1.42	0.06
3. N. Sand Bay	260	3032	11.66	5.54	0.47
4. S. Sand Bay	713	13354	18.73	2.02	0.11
5. Cedar Island	744	8340	11.21	1.94	0.17
6. Buzzards Bay	220	3150	14.32	6.55	0.46
Back Bay Totals and Averages:	3862	61986	15.14	2.24	0.14
1. Mid-Knotts Island Channel	317	5452	17.20	4.54	0.26
2. Knotts Is. Bay	300	4152	13.84	4.80	0.35
3. Swan Island	329	6995	21.26	4.38	0.21
4. Monkey Island	363	3234	8.91	3.97	0.45
5. Marys Island	267	4571	17.12	5.39	0.32
6. Southwest of Corolla	123	1964	15.97	11.71	0.73
7. North Mossey Island Marsh	380	1533	4.03	3.79	0.94
8. Northern Part of Mossey Is. Marsh	791	6657	8.42	1.82	0.22
9. Middle Mossey Island Marsh	335	3944	11.77	4.30	0.37
10. Southern Part of Mossey Is. Marsh	750	6107	8.14	1.92	0.24

Table_____.(Cont'd.) Sago Pondweed Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 11-18, 1962 - Each Sample = 1440 cc. of Sago Vegetation. Back Bay-Currituck Sound Cooperative Investigations.

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Sago per Seed Head	Avg. cc. of Sago per Seed
11. N. Poplar Br. Near Aydlett	2052	4656	2.27	0.70	0.31
12. South of Poplar Branch	1522	5397	3.55	0.95	0.27
13. South Dews Quarter Island	1912	6920	3.62	0.75	0.21
14. Southwest End Currituck Sound Near Harbinger	313	451	1.44	4.60	3.19
15. N. Martin Pt.	11	20	1.82	130.91	72.00
16. South of Mossey Is. Marsh	367	1377	3.75	3.92	1.05
Currituck Sound Totals & Avgs:	10132	63430	8.94	2.27	0.36
Back Bay and Currituck Sound Totals & Avgs:	13994	125416	10.63	2.26	0.25

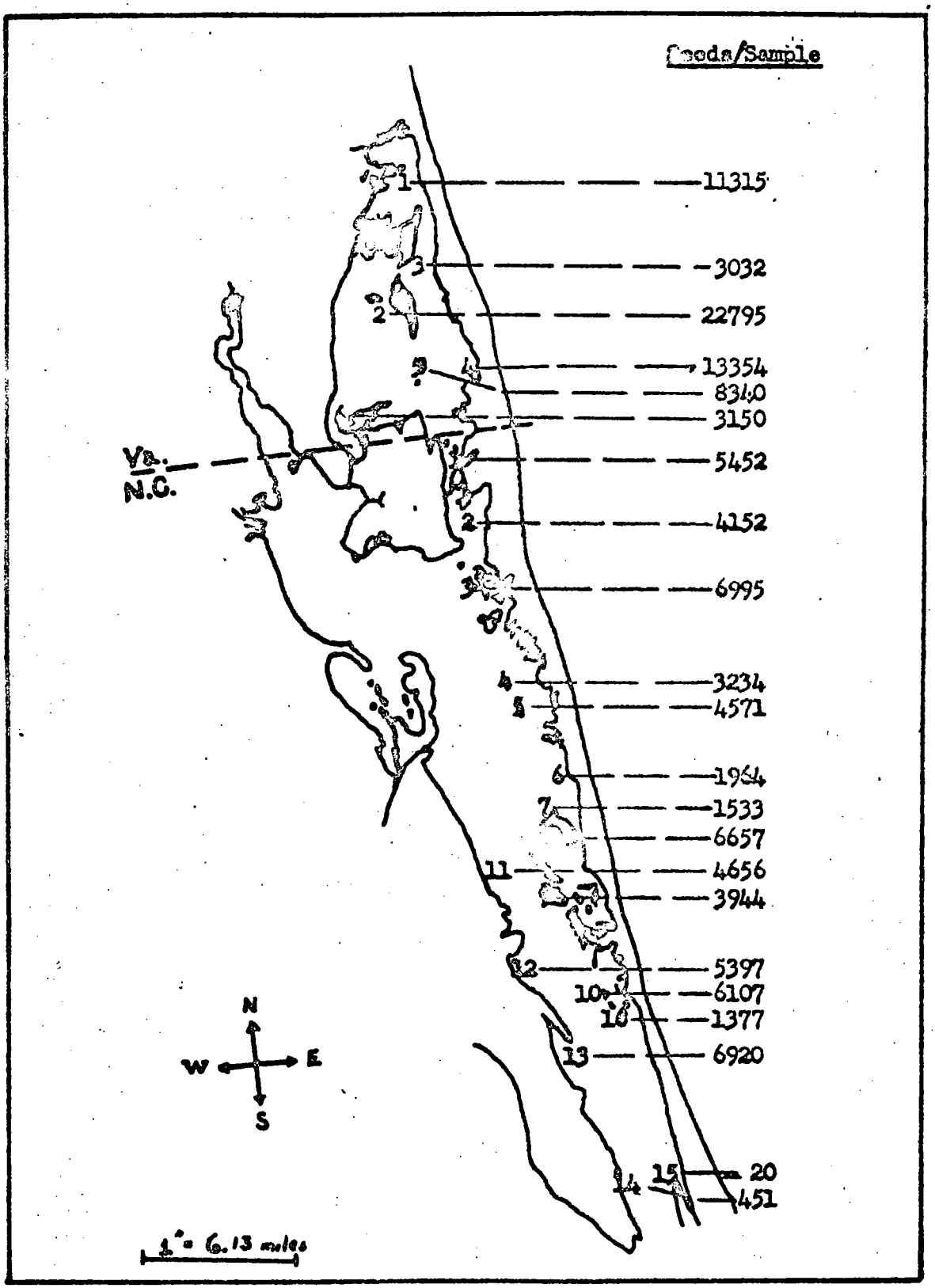


Figure_____. Number of Sago Pondweed Seeds per 1440 cc. Sample of Sago Pondweed at Twenty-two Stations - July 11-18, 1962 - Back Bay-Currituck Sound Cooperative Investigations.

Table _____. Sago Pondweed Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 1963. (Each Sample ≐ 1440 cc. of Sago Vegetation)

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Sago per Seed Head	Avg. cc. of Sago per Seed
Back Bay					
1. Northwestern Shipp's Bay	*				
2. Rock Point	*				
3. N. Sand Bay	*				
4. S. Sand Bay	193	4684	24.27	7.46	.31
5. Cedar Island	*				
6. Buzzards Bay	*				
Back Bay Totals and Averages	193	4684	24.27	7.46	.31
Currituck Sound					
1. Mid Knott's Island Channel	*				
2. Knott's Is. Bay	0	0	0	0	0
3. Swan Island	0	0	0	0	0
4. Monkey Island	10	21	2.10	144.00	71.94
5. Mary's Island	441	1300	2.95	3.27	1.11
6. Southwest of Corolla	366	605	1.65	3.93	2.38
7. North Mossey Island Marsh	98	225	2.30	14.69	6.40
8. Northern Part of Mossey Island Marsh	12	131	10.92	120.00	11.00
9. Middle Mossey Island Marsh	376	1248	3.32	3.82	1.15
10. South Mossey Island Marsh	6	1	.17	240.00	1440.00

*Insufficient vegetation for sample

Table _____. (Cont'd) Sago Pondweed Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 1963. (Each Sample = 1440 cc. of Sago Vegetation)

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Sago per Seed Head	Avg. cc. of Sago per Seed
11. N. Poplar Br. near Aydlett	55	837	15.22	26.18	1.72
12. South of Poplar Branch	12	61	5.08	120.00	23.61
13. South Dews Quarter Is.	124	566	4.56	11.61	2.54
14. Southwest end Currituck Sound near Harbinger	312	135	.43	4.62	10.67
15. N. Martin Point	745	3554	4.77	1.93	.41
16. South of Mossey Is. Marsh	128	996	7.78	11.25	1.45
Currituck Sound Totals and Avgs.	2685	9680	4.71	37.52	121.11
Back Bay and Currituck Sound Totals and Avgs.	2878	14364	6.11	36.68	112.48

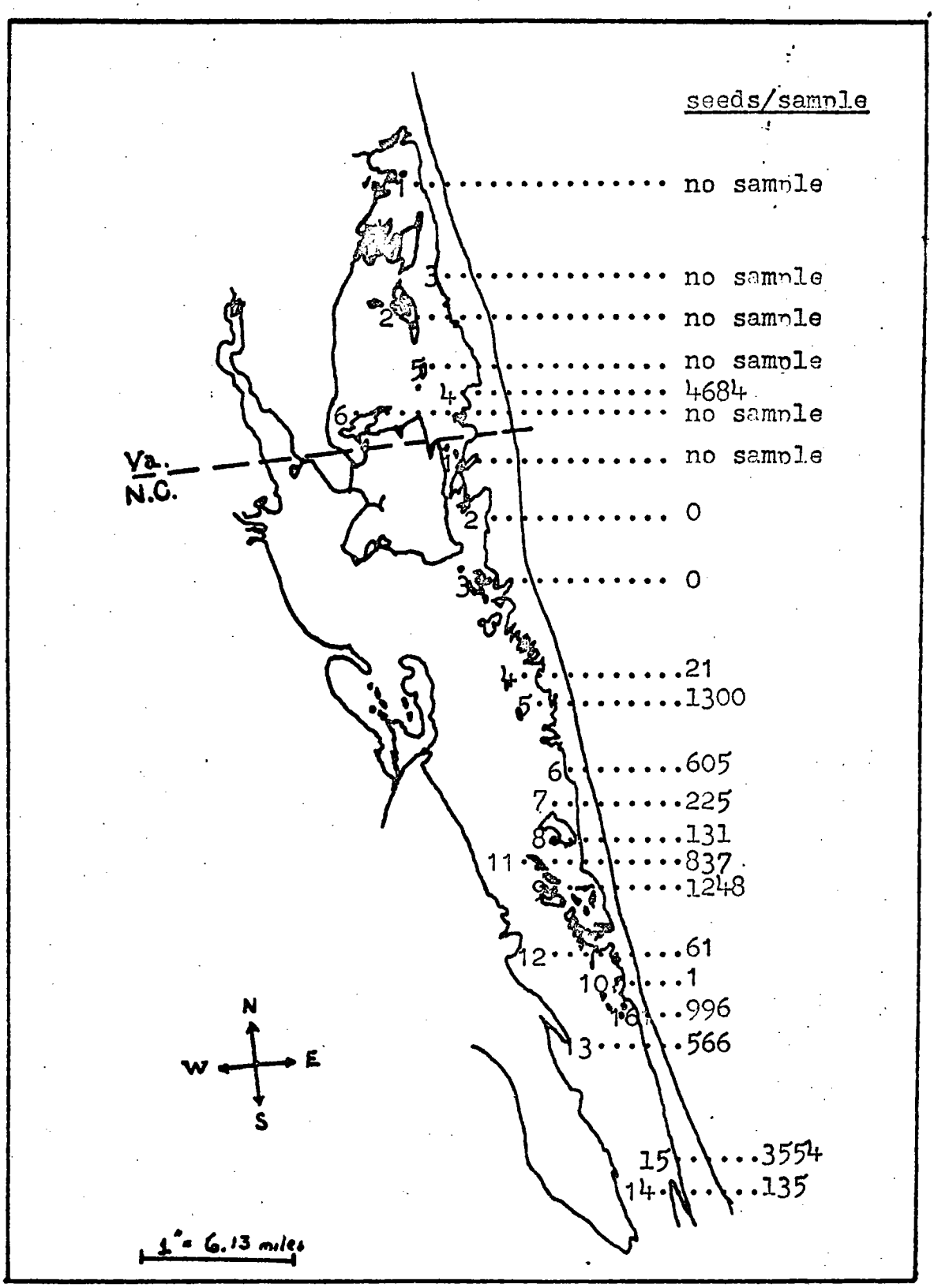


Figure____. Number of Sago Pondweed Seeds per 1440 cc. Sample of Sago Pondweed at Twenty-two Stations - July 1963.

Table_____. Redhead Grass Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples-July 12, 1960-Each Sample= 1440 cc. of Redhead Grass Vegetation.

Area	Number of Seed Heads	Number of Seeds	Number of seeds per Head	Average cc. of Redhead per seed head	Average cc. of Redhead per Seed
1. North Bay	9	17	1.89	160.00	84.71
2. Fisherman's Cove	18	156	8.67	80.00	9.23
3. Buzzard Bay	1	7	7.00	1440.00	205.71
Back Bay Totals and Averages:	28	180	6.43	154.29	24.00
1. Knotts Island Channel	112	1341	11.97	12.86	1.07
2. West of Swan Island	981	7848	8.00	1.47	0.18
3. South End Mary Island	200	2000	10.00	7.20	0.72
4. South of Corolla	71	568	8.00	20.28	2.54
5. West of Mossey Island	107	749	7.00	13.46	1.92
6. South of Poplar Branch	329	1645	5.00	4.38	0.88
Currituck Sound Totals & Averages:	1,800	14,151	7.86	4.80	0.61
Back Bay and Currituck Sound Totals & Averages:	1,828	14,331	7.84	7.09	0.90

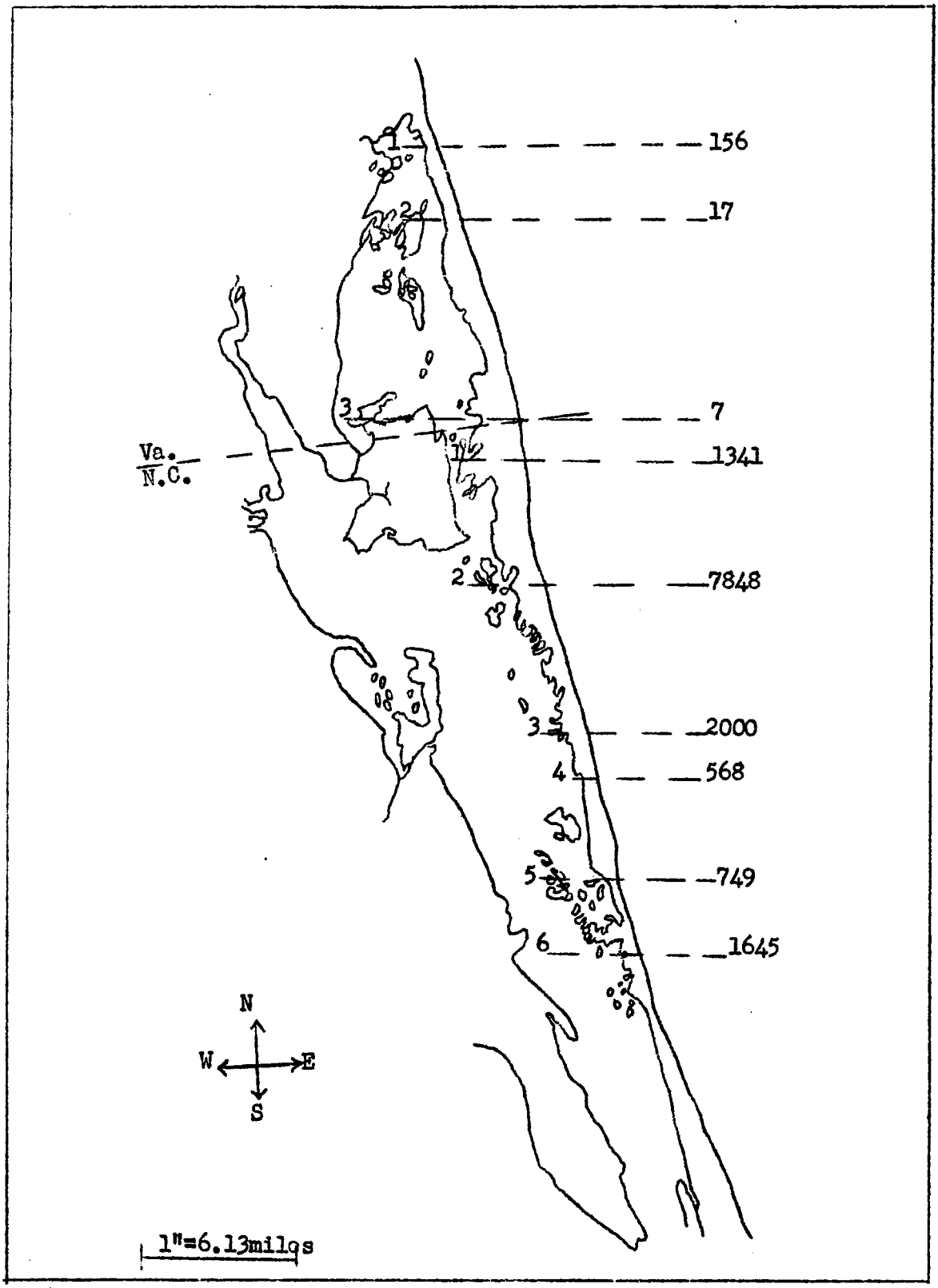


Figure_____. Number of Redhead Grass Seeds per 1440 cc. Sample of Redhead Grass at Nine Station - July 12, 1960.

Table_____. Redhead Grass Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 11-18, 1962 - Each Sample = 1440 cc. of Redhead Grass Vegetation. Back Bay-Currituck Sound Cooperative Investigations.

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Redhead per Seed Head	Avg. cc. of Redhead per Seed
1. Northwestern Shipps Bay	197	1879	9.54	7.31	0.77
2. Mouth of Great Cove	832	17042	20.48	1.73	0.08
3. South Buck Island Bay	917	17473	19.05	1.57	0.08
4. South Sand Bay	643	9788	15.22	2.24	0.15
5. Cedar Island	300	2433	8.11	4.80	0.59
6. Buzzards Bay	13	61	4.69	110.77	23.61
Back Bay Totals and Averages:	2902	48676	16.77	2.98	0.18
1. Mid-Knotts Is. Channel	194	4695	24.20	7.42	0.31
2. Knotts Is. Bay	138	1940	14.06	10.43	0.74
3. Swan Island	409	6284	15.36	3.52	0.23
4. Monkey Island	325	4880	15.02	4.43	0.30
5. Marys Island	227	5379	23.70	6.34	0.27
6. Southwest of Corolla	110	328	2.98	13.09	4.39
7. North Mossey Island Marsh	186	1885	10.13	7.74	0.76
8. Northern part of Mossey Is. Marsh	293	1410	4.81	4.91	1.02
9. Mid-Mossey Island Marsh	372	8077	21.71	3.87	0.18

(Cont'd.)

Table_____.(Contd) Redhead Grass Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 11-18, 1962 - Each Sample = 1440 cc. of Redhead Grass Vegetation. Back Bay-Currituck Sound Cooperative Investigations.

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Redhead per Seed Head	Avg. cc. of Redhead per Seed
10. Southern Part Of Mossey Island Marsh	61	1102	18.07	23.61	1.31
11. N. Poplar Br. Near Aydlett	140	1662	11.87	10.29	0.87
12. South of Poplar Branch	132	1111	8.42	10.91	1.30
13. South Dews Quarter Island	228	629	2.76	6.32	2.29
14. Southwest End Currituck Sound Near Harbinger	493	7070	14.34	2.92	0.20
15. N. Martin Pt.	12	37	3.08	120.00	38.92
16. South of Mossey Is. Marsh	332	4048	12.19	4.34	0.36
Currituck Sound Totals & Avgs:	3652	50537	13.84	6.31	0.46
Back Bay and Currituck Sound Totals & Avgs:	6554	99213	15.14	4.83	0.32

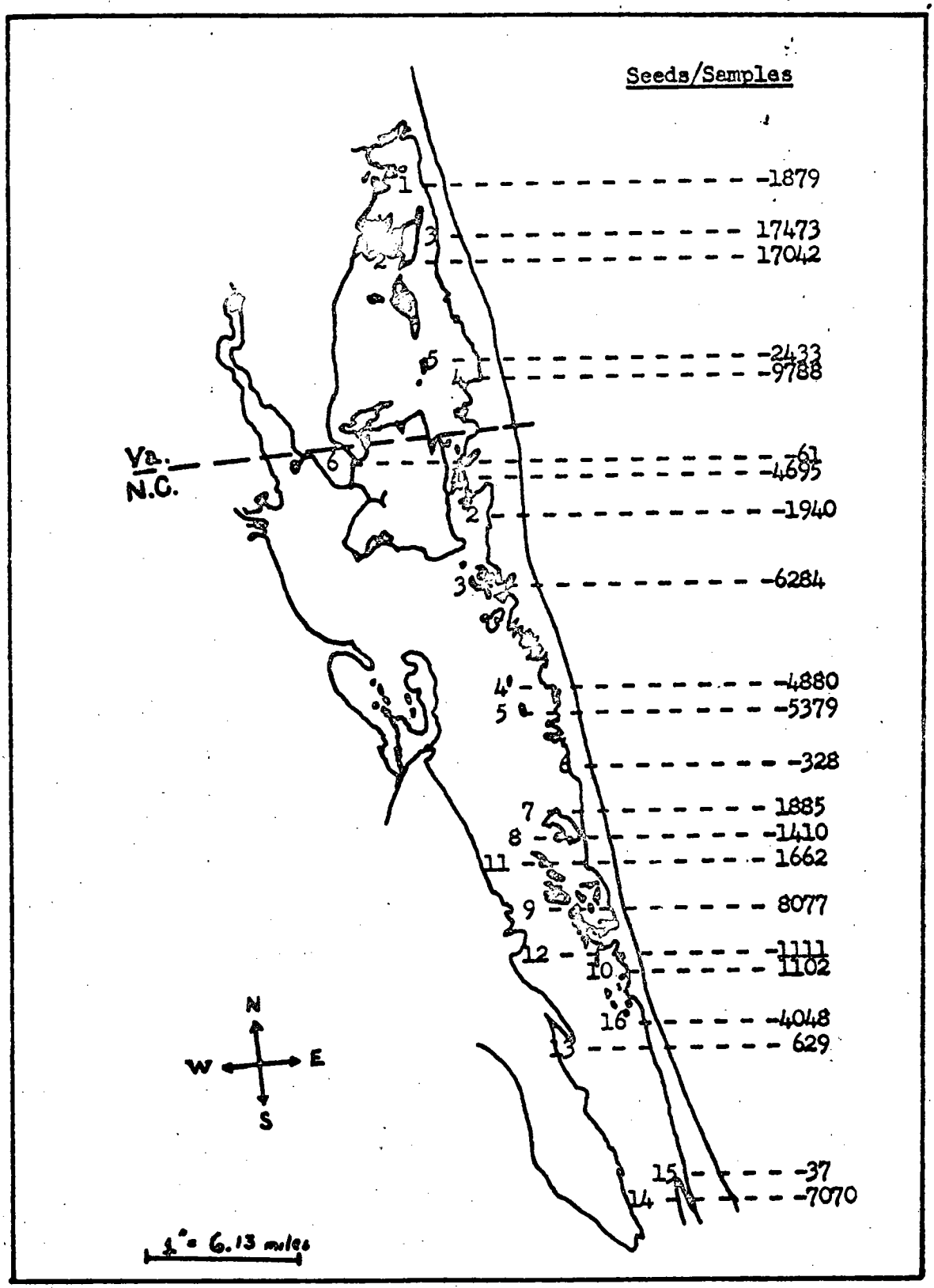


Figure _____. Number of Redhead Grass Seeds per 1440 cc. Sample of Redhead Grass at Twenty-two Stations - July 11-18, 1962 - Back Bay - Currituck Sound Cooperative Investigations.

Table _____. Redheadgrass Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 1963. (Each Sample = 1440 cc. of Redheadgrass Vegetation)

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Redhead per Seed Head	Avg. cc. of Redhead per Seed
Back Bay					
1. Northwestern Shipp's Bay	*				
2. Mouth of Great Cove	*				
3. South Buck Island Bay	*				
4. South Sand Bay	* (good second-growth, no seed)				
5. Cedar Island	*				
6. Buzzards Bay	32	117	3.65	45.00	12.33
Back Bay Totals and Averages	32	117	3.65	45.00	12.33
Currituck Sound					
1. Mid-Knott's Island Channel	0	-	-	-	-
2. Knott's Is. Bay	1	8	8.00	1440.00	180.00
3. Swan Island	38	3	0.10	37.89	480.00
4. Monkey Island	8	0	-	180.00	-
5. Mary's Island	635	3625	5.71	2.27	0.39
6. Southwest of Corolla	0	-	-	-	-
7. North Mossey Is. Marsh	404	2230	5.52	3.56	0.65
8. Northern part of Mossey Is. Marsh	49	147	3.00	29.39	9.80
9. Mid-Mossey Island Marsh	111	470	4.23	12.97	3.06
10. Southern part of Mossey Is. Marsh	8	10	1.25	180.00	140.00

*Insufficient Vegetation for Sample

Table _____. (Cont'd.) Redheadgrass Seed Production on Back Bay and Currituck Sound by Volumetric Vegetation Samples - July 1963. (Each Sample = 1440 cc. Redheadgrass Vegetation)

Area	Number of Seed Heads	Number of Seeds	Number of Seeds per Head	Avg. cc. of Redhead per Seed Head	Avg. cc. of Redhead per Seed
11. N. Poplar Br. near Aydlett	277	770	2.78	5.20	1.87
12. South of Poplar Br.	37	41	1.11	38.92	35.12
13. South Dews Quarter Is.	42	131	3.12	34.29	10.99
14. Southwest end of Currituck Sound near Harbinger	1137	14850	13.06	1.27	0.10
15. North Martin Point	*				
16. South of Mossey Is. Marsh	316	524	1.66	4.56	2.75
Currituck Sound Totals & Averages	3063	22809	4.13	131.35[a]	72.06
Back Bay and Currituck Sound Totals and Averages	3095	22926	3.80	143.95[a]	67.47

* Insufficient vegetation for sample
a Average of occupied samples

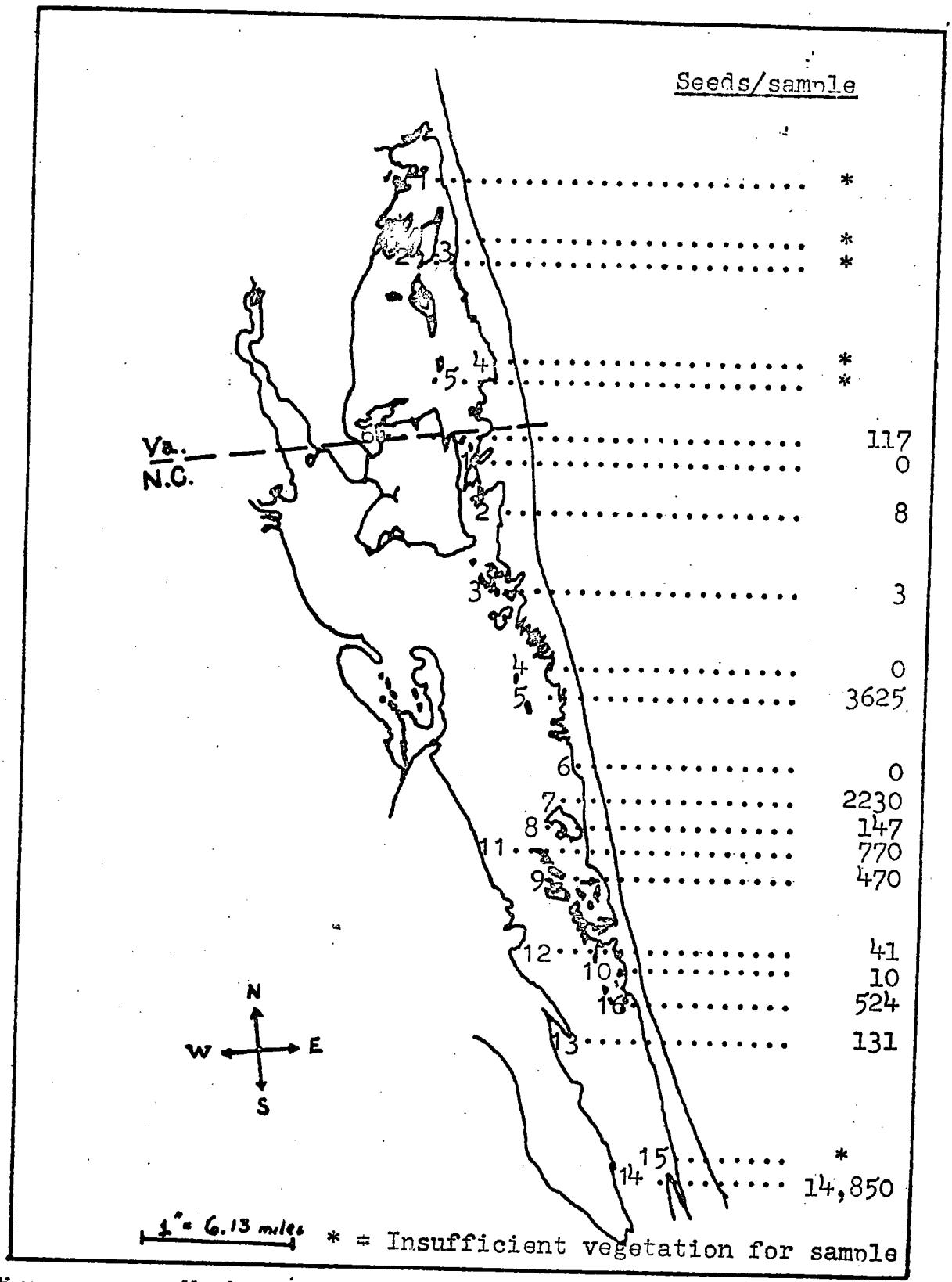


Figure____. Number of Redhead Grass Seeds per 1440 cc. Sample of Redhead Grass at Twenty-two Stations - July 1963.

Table . Sago Pondweed Tuber Production on Back Bay, Virginia (Nov. 17-19, 1962) and Currituck Sound, North Carolina (Jan. 21, 1963). Each Area Sample Based on Twenty-five Two Square-foot Samples Containing Varying Amounts of Sago Pondweed.

Area	No. Tubers Per Area	No. Tubers Per Sample	Vol. Tubers Per Area	Vol. Tubers Per Sample	Avg. cc Sago/Tuber	Ttl. Vol. Sago/Area
1. North-Shipps Bay	73	2.92	10.0	0.40	128.22	9,360
2. S. Great Narrows-Rock Point	38	1.52	4.9	0.20	214.32	8,144
3. Cedar Island - Sand Bay	8	0.32	1.5	0.06	1164.00	9,312
Back Bay Average:	39.7	1.59	5.5	0.22	502.18	8,939
1. Mossey Island Marsh Area	1.5	0.06	0.1	0.004	323.05	969
Currituck S. Avg:	1.5	0.06	0.1	0.004	323.05	969
Back Bay-Currituck Sound Average:	30.1	1.21	4.1	0.17	457.40	6,946

Sago pondweed tubers were found frequently this year for the first time since the cooperative study began in May 1958. In the Back Bay area, tubers were found in seventy-two percent of the samples in area one, forty-four percent of the samples in area two, and sixteen percent of the samples in area three. Sago tubers occurred in six percent of the samples taken in the Currituck Sound-Mossey Island marsh area. The average water depth in which samples were taken in the Back Bay area was three and nine-tenths feet. The average water depth in which samples were taken in the Currituck Sound Area was three and five-tenths feet. Tubers occurred more frequently on silt and loam soils than on sand soils.

Figure_____. Volume of Sago Pondweed Grown in Various Salinities on Loam and Silt Soils in Sago Test Tanks.

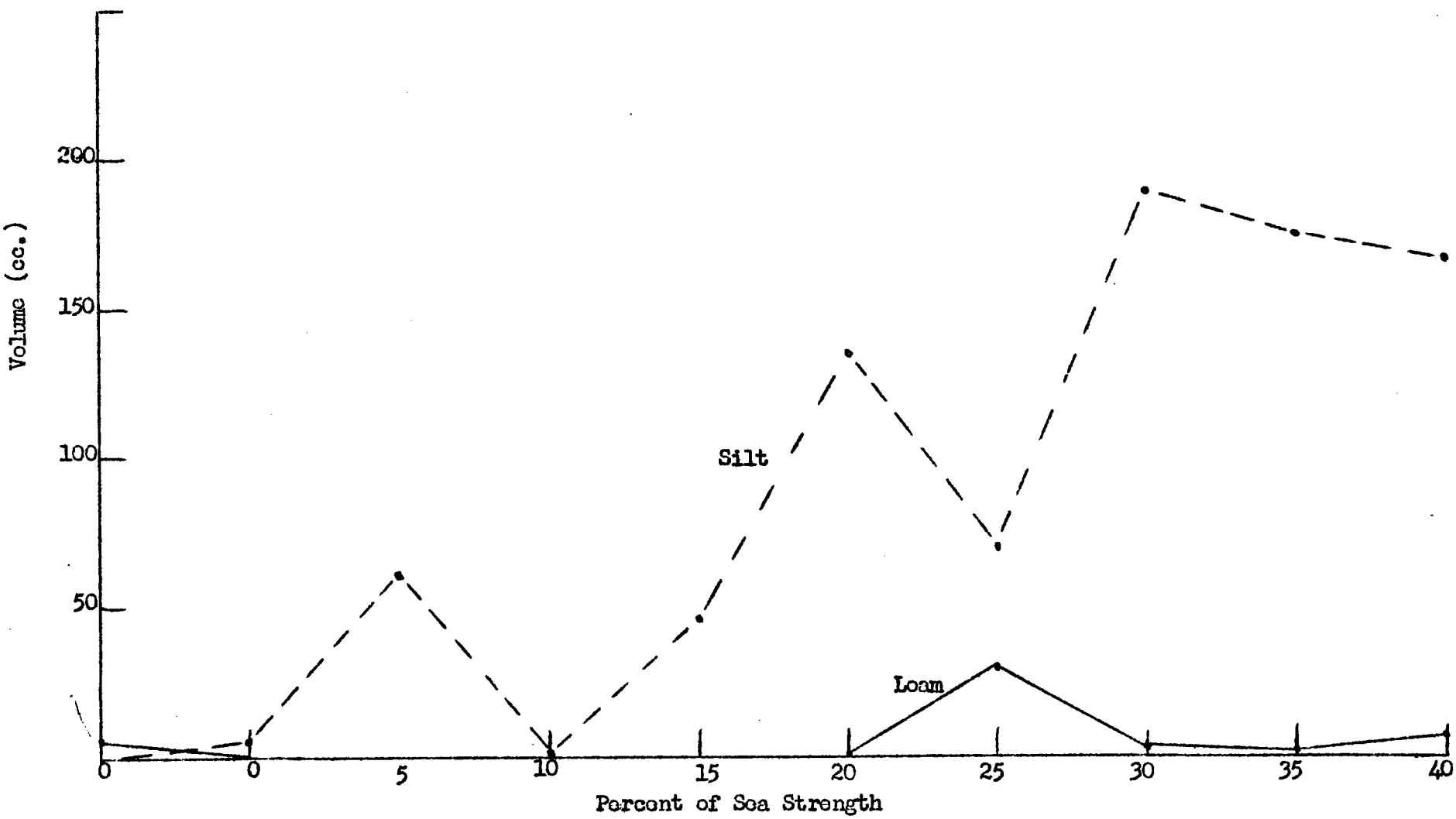


Figure_____. Number of Sago Pondweed Tubers Grown in Various Water Salinities on Loam and Silt Soils in Sago Test Tanks.

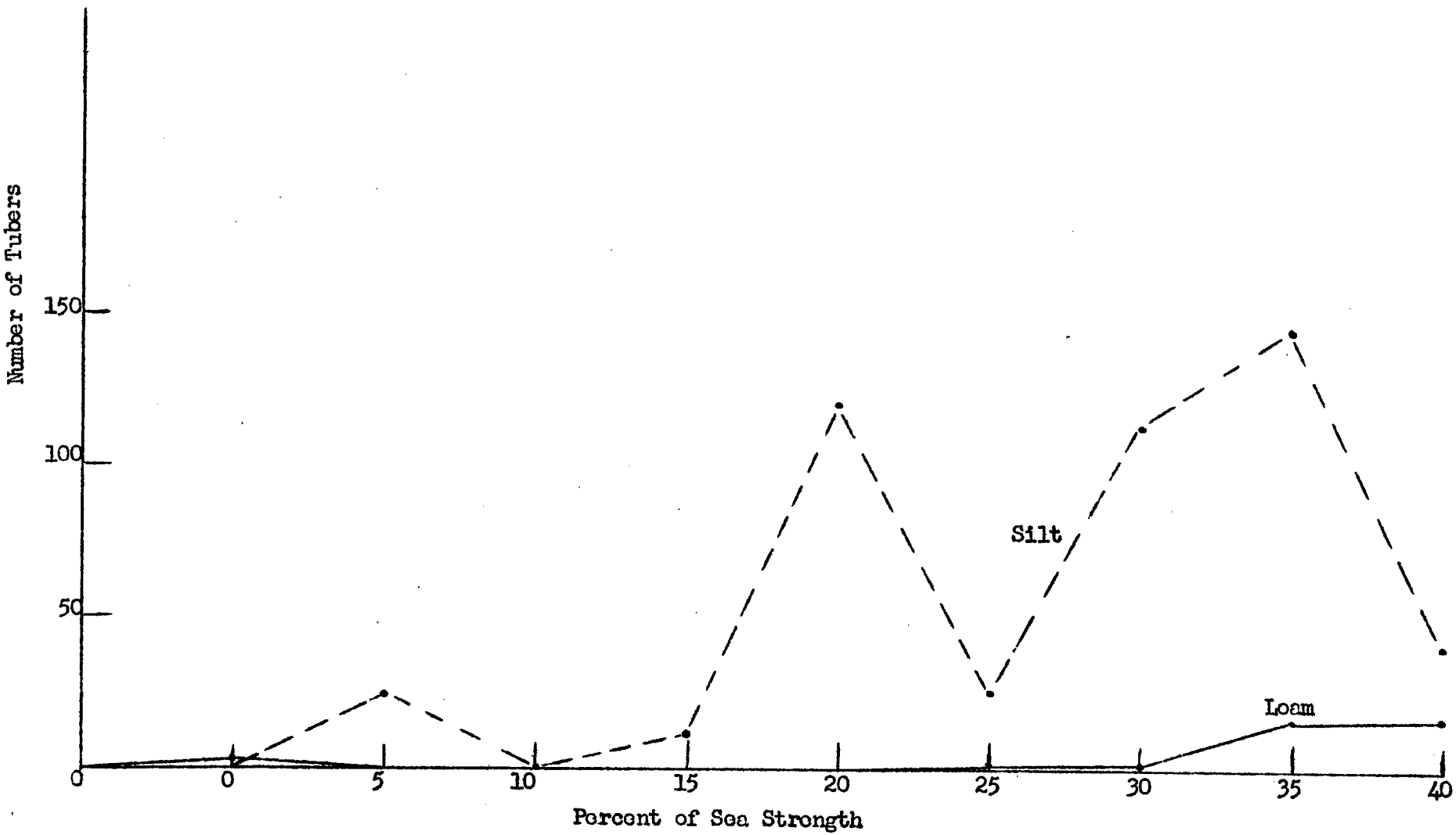


Figure_____. Volumes of Wild Celery Grown in Various Water Salinities on Loam and Silt Soils in Celery Test Tanks.

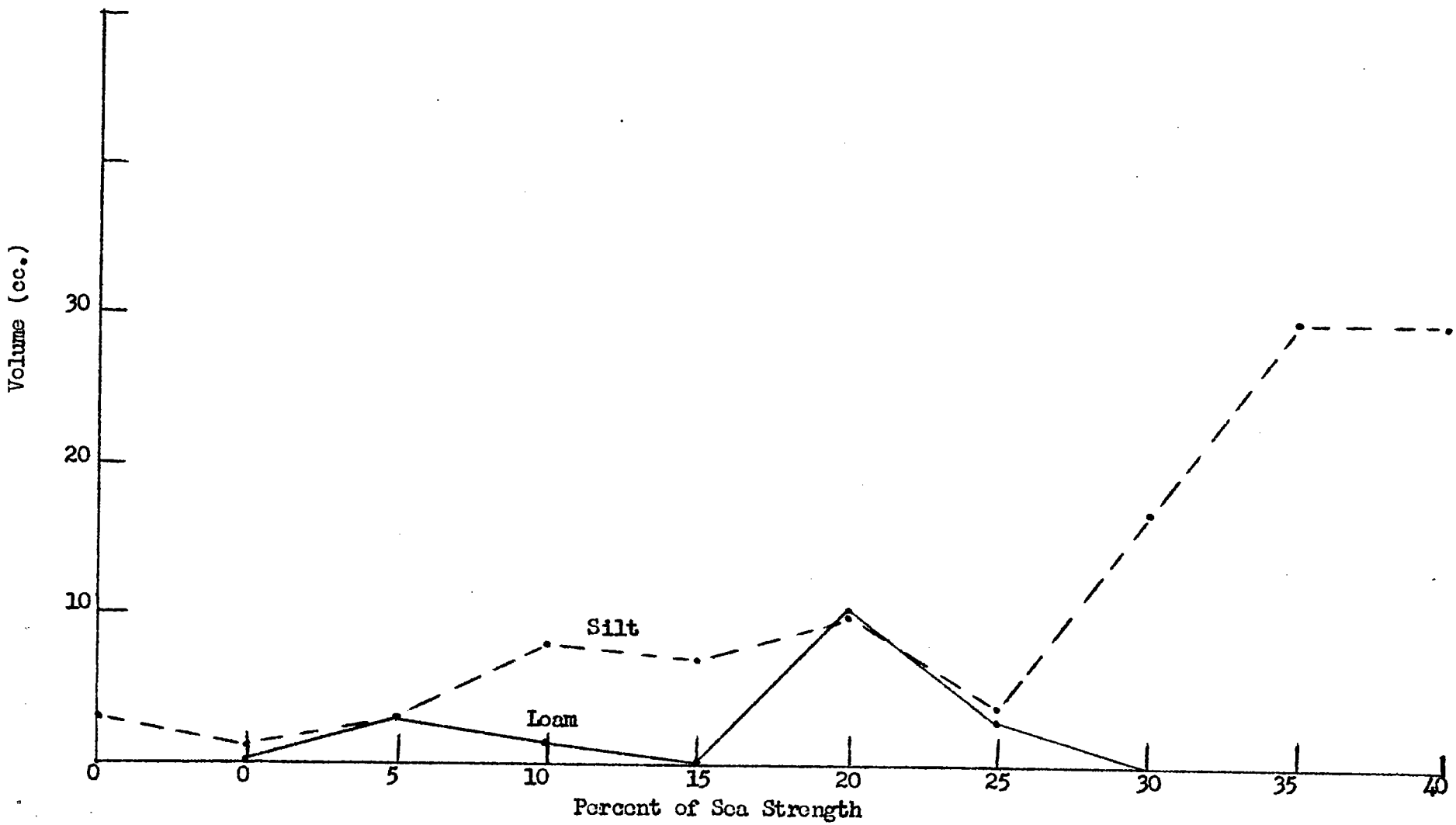


Figure_____. Number of Wild Celery Tubers Grown in Various Water Salinities on Loam and Silt Soils in Celery Test Tanks.

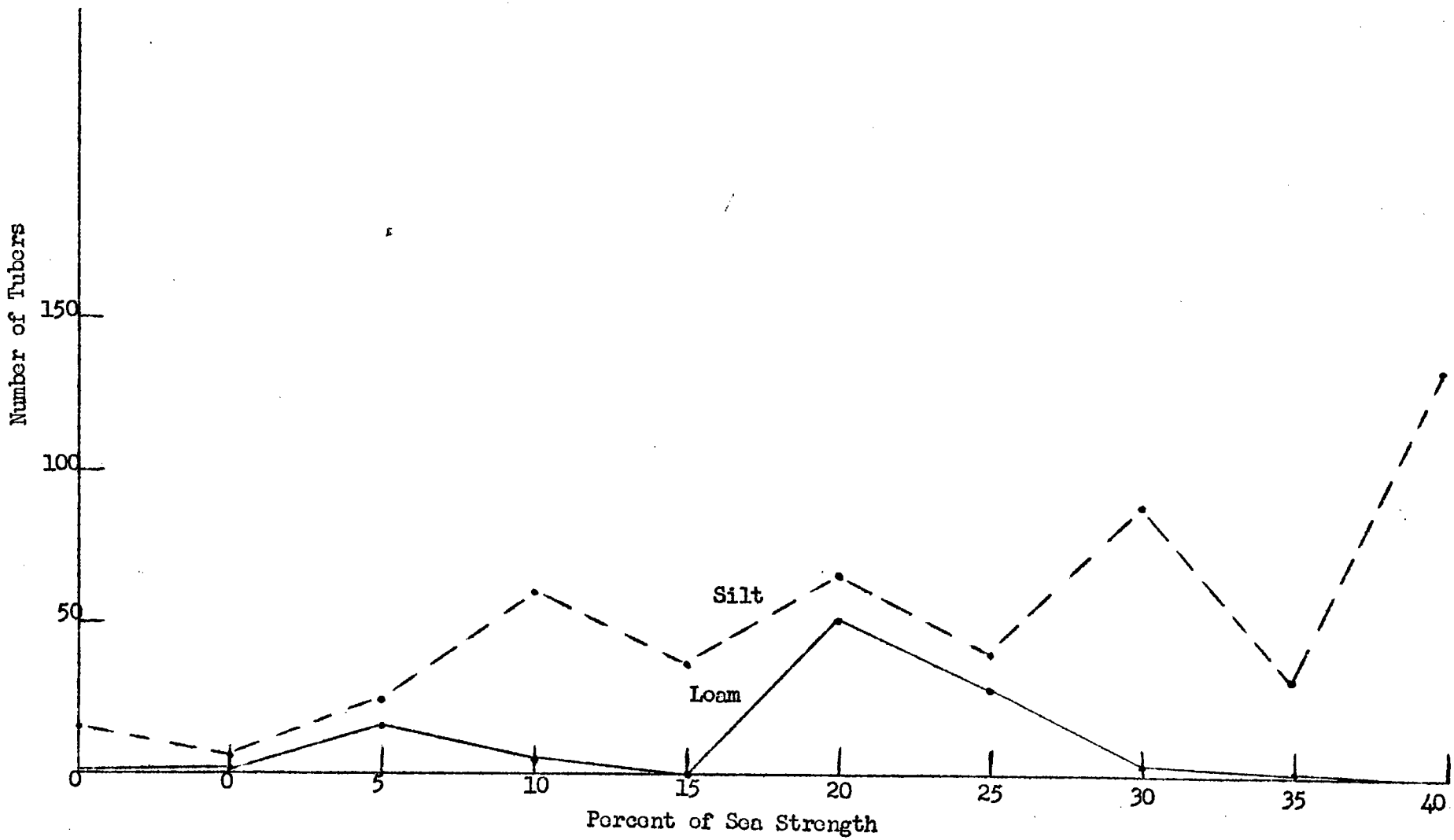


Figure_____. Volumes of Redhead Grass Grown in Various Water Salinities on Loam and Silt Soils in Redhead Grass Test Tanks.

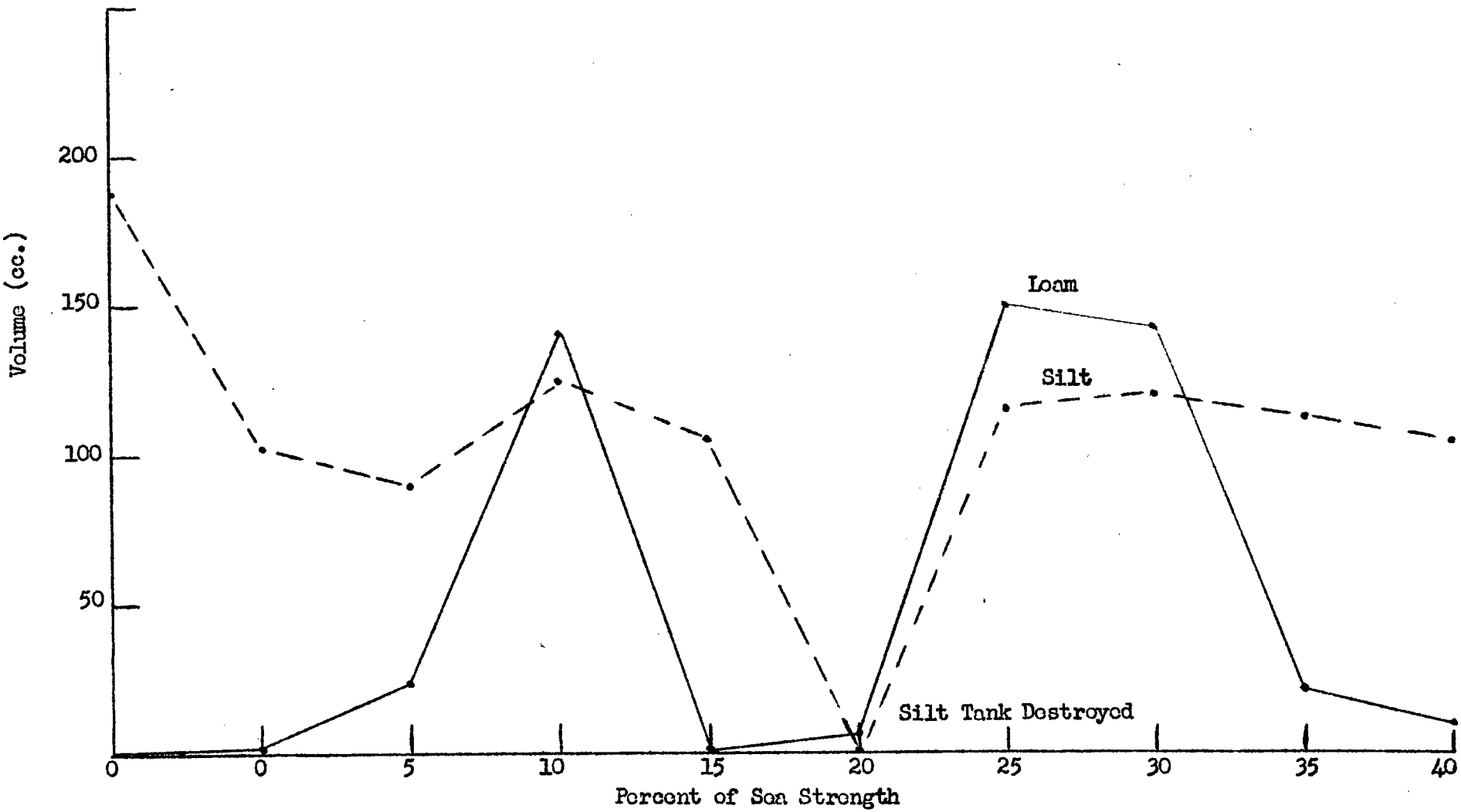


Figure_____. Volumes of Najas guadalopensis Grown in Various Salinities on Loam and Silt Soils in Najas Test Tanks.

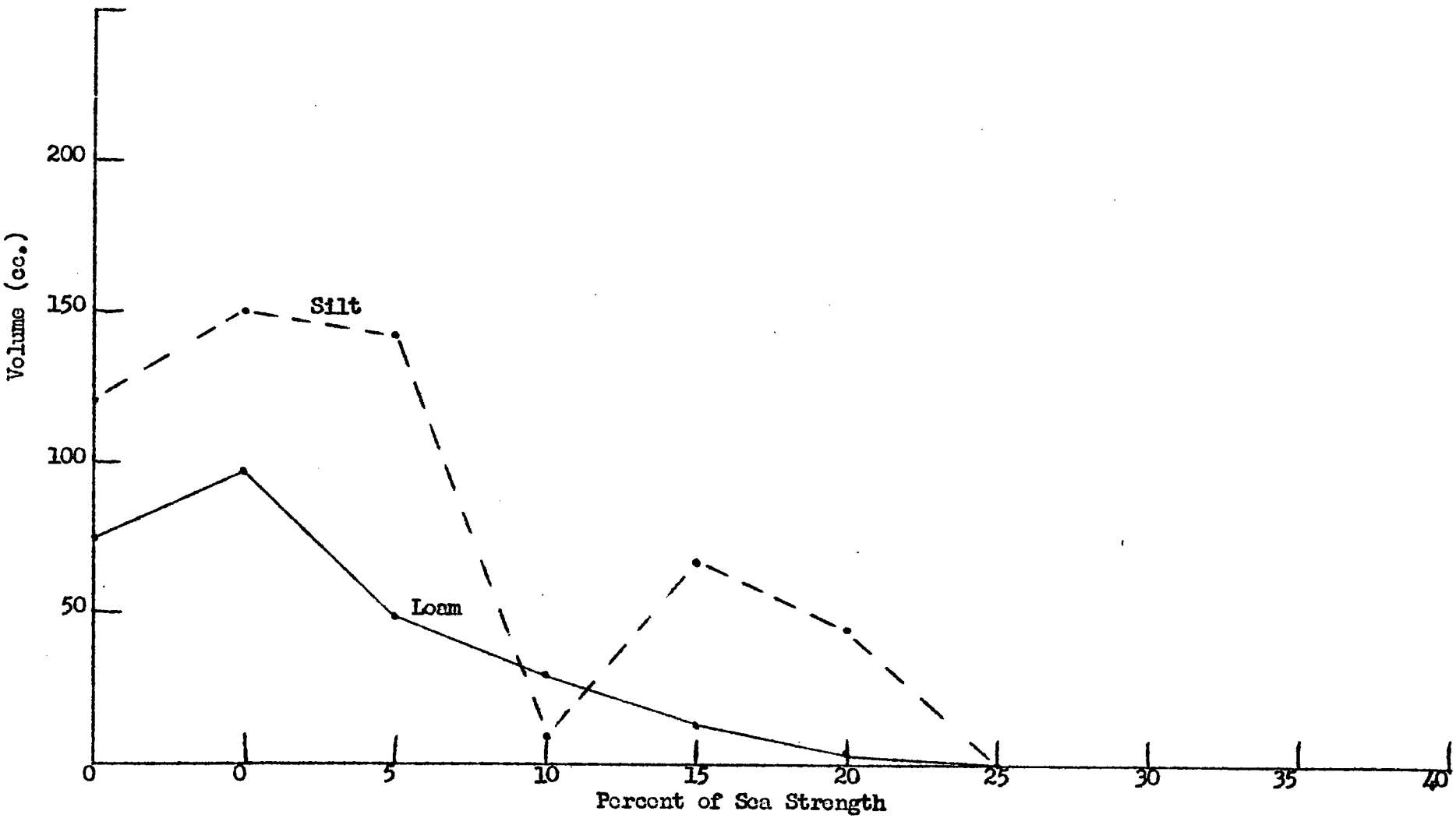


Figure_____. Volumes of Widgeon Grass Grown in Various Water Salinities on Loam and Silt Soils in Widgeon Grass Test Tanks.

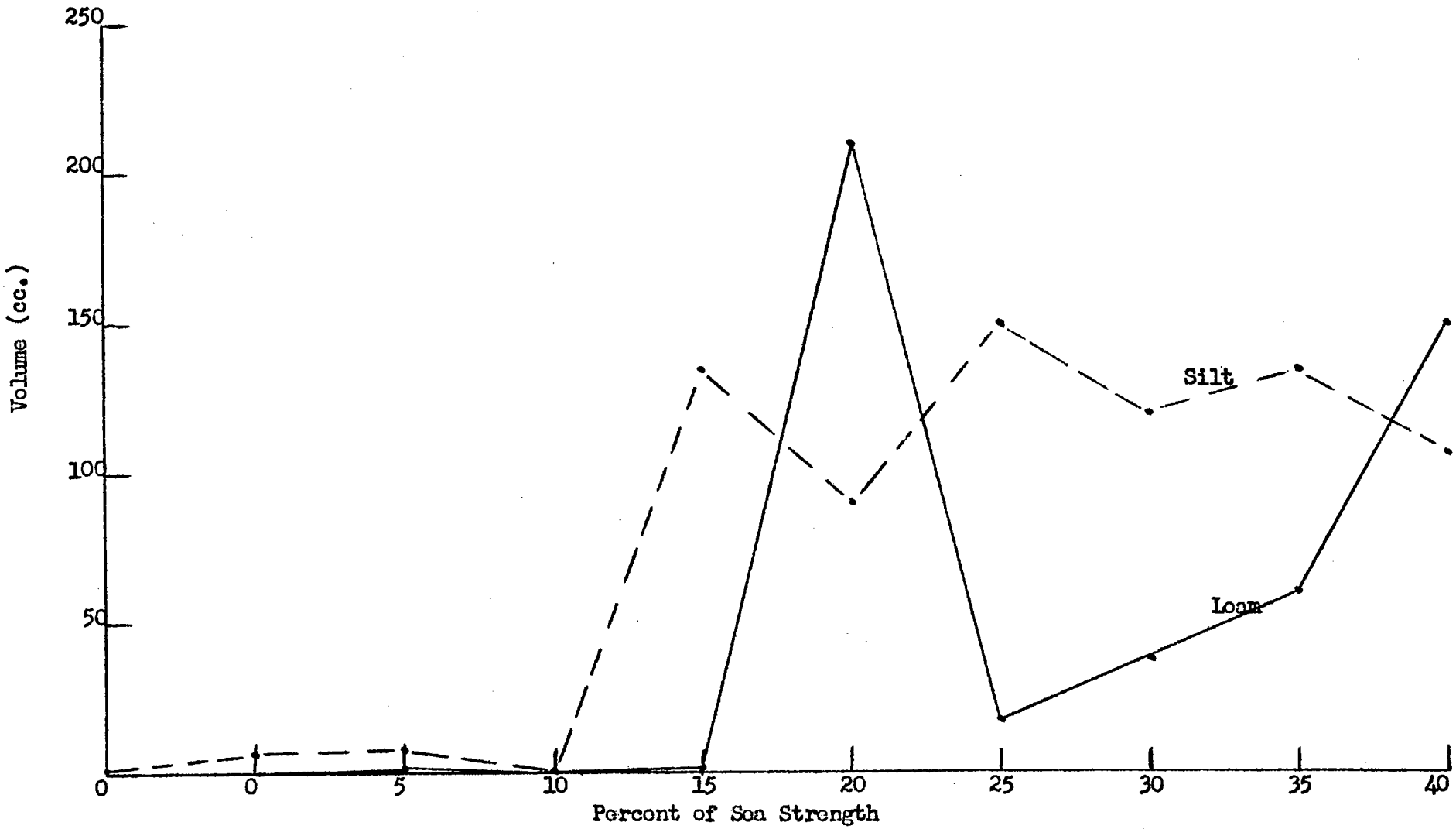


Figure_____. Volumes of Chara Grown in Various Water Salinities on Loam and Silt Soils in "Chara-Nitella" Test Tanks.

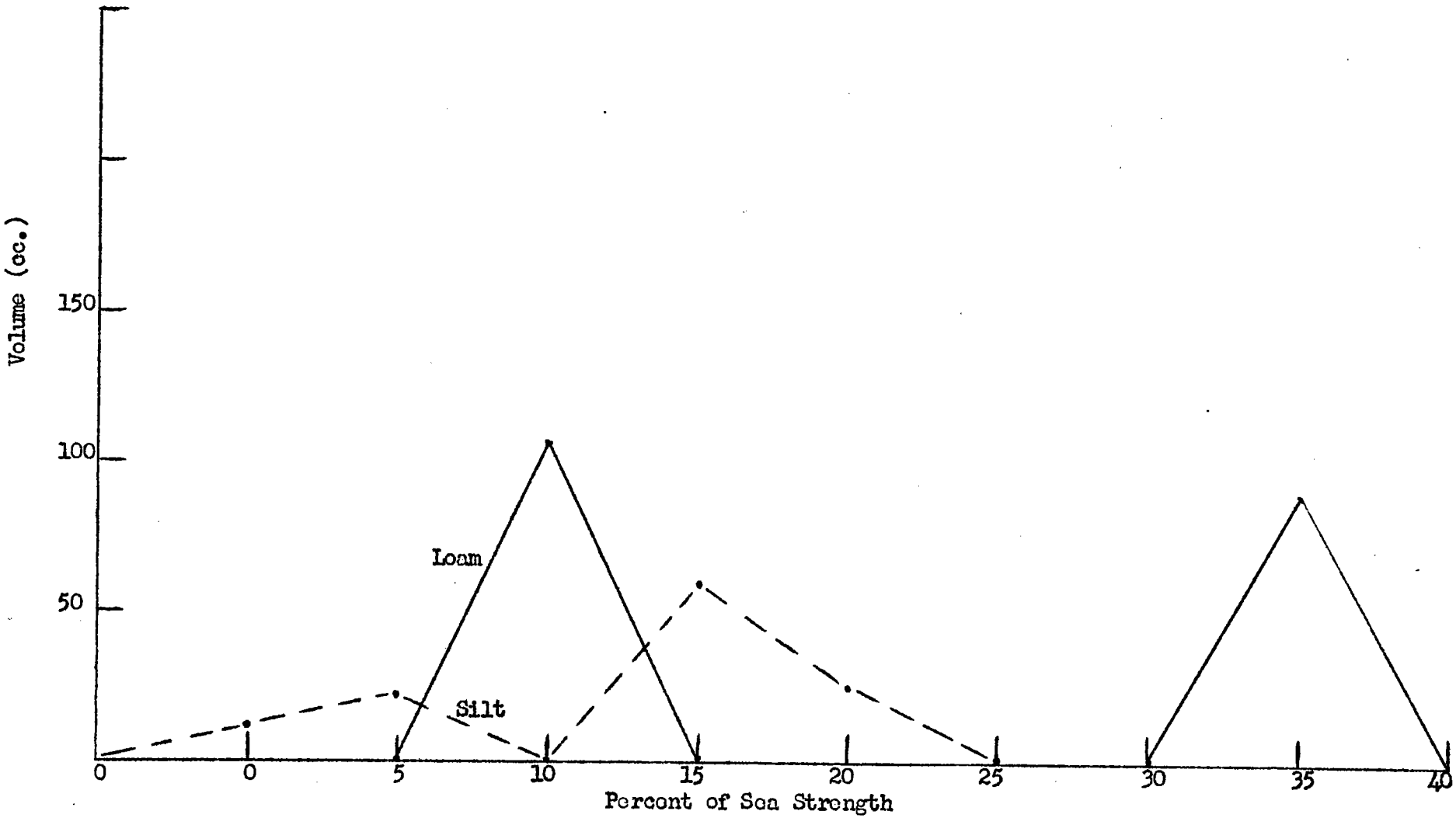
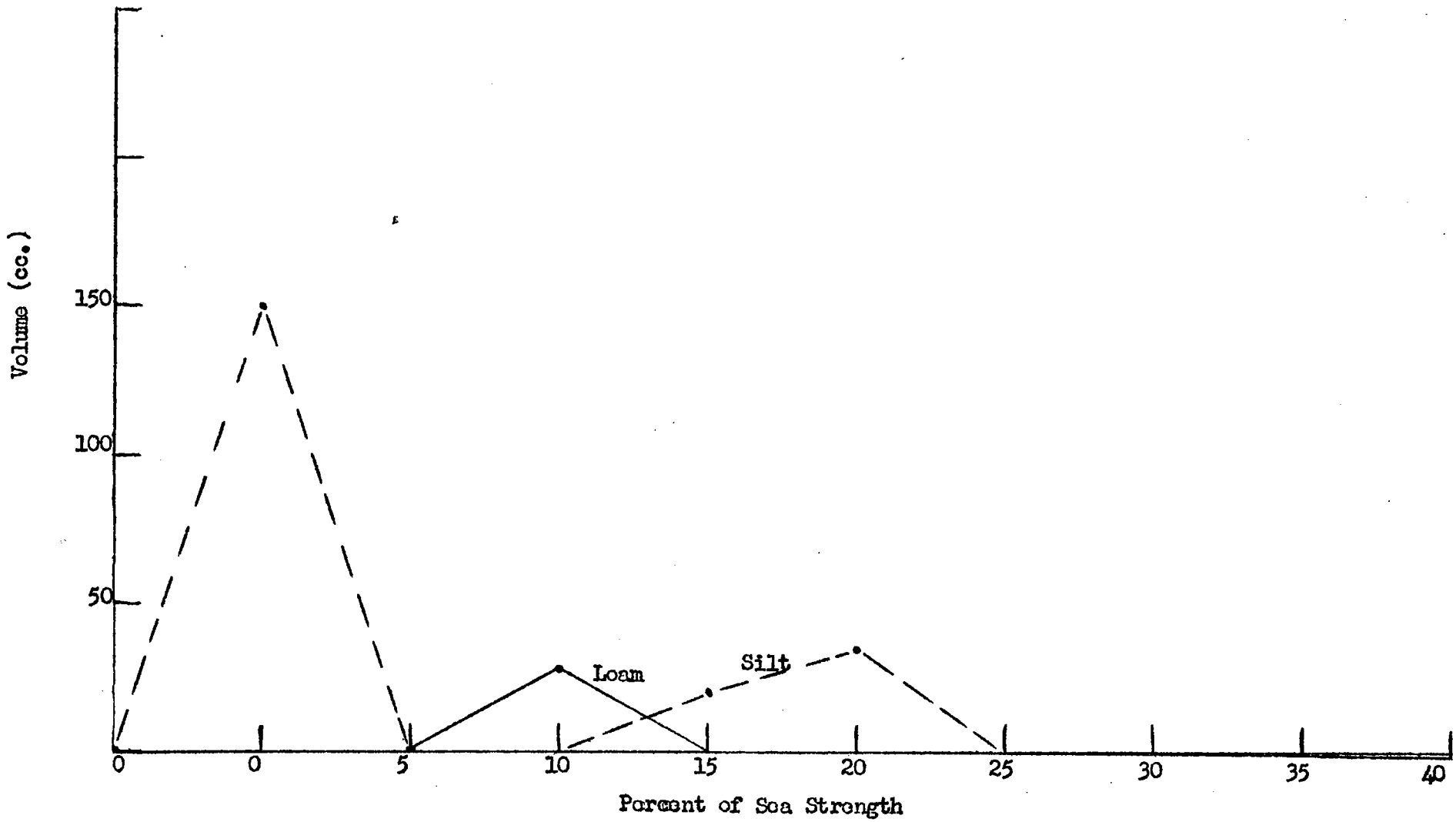


Figure_____. Volumes of Nitella Grown in Various Water Salinities on Loam and Silt Soils in "Chara-Nitella" Test Tanks.



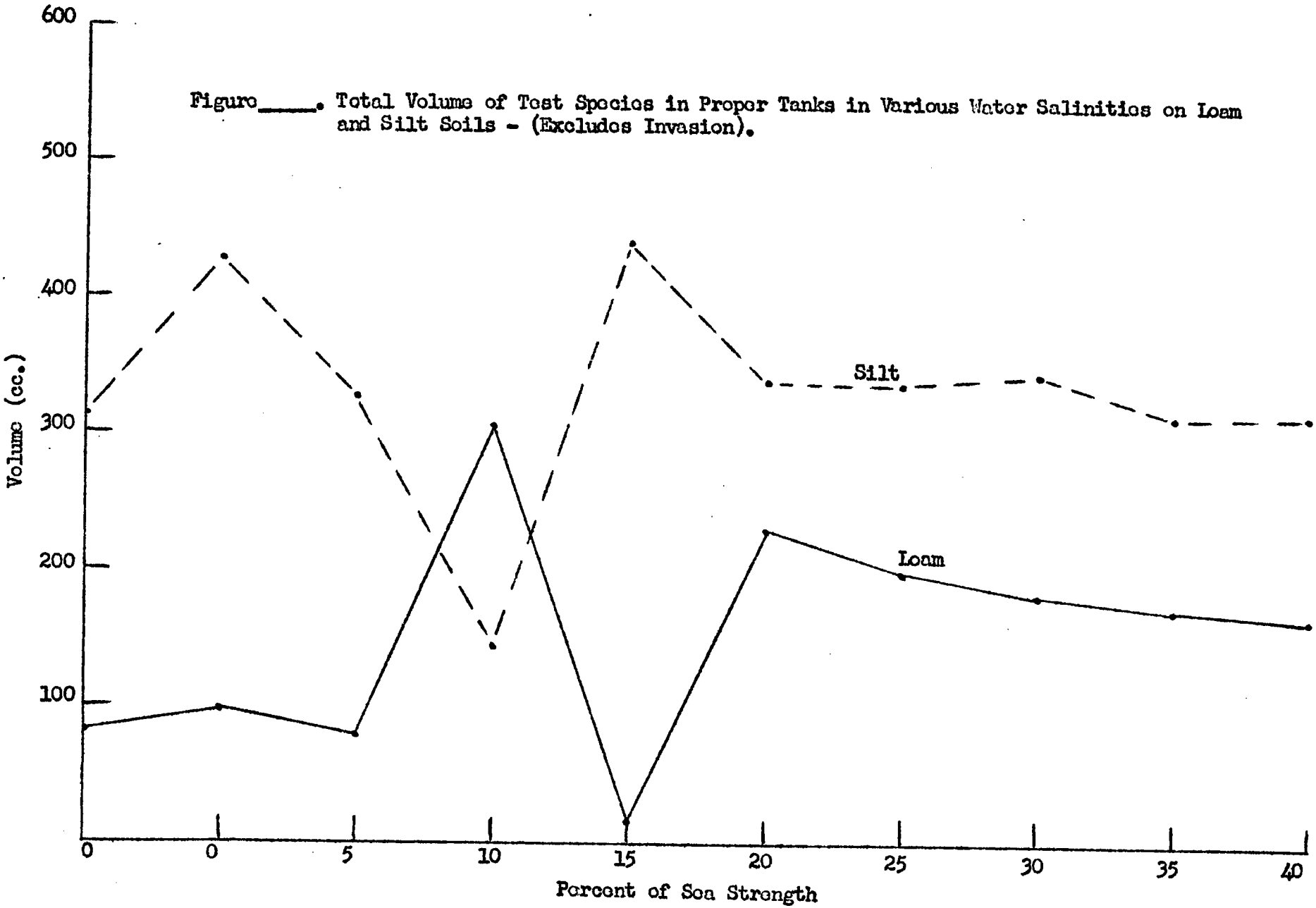


Figure_____. Total Volume of Test Species in Proper Tanks in Various Water Salinities on Loam and Silt Soils - (Excludes Invasion).

Figure_____. Total Volume of Eleocharus parvula grown in all Tanks - (all Invasion).

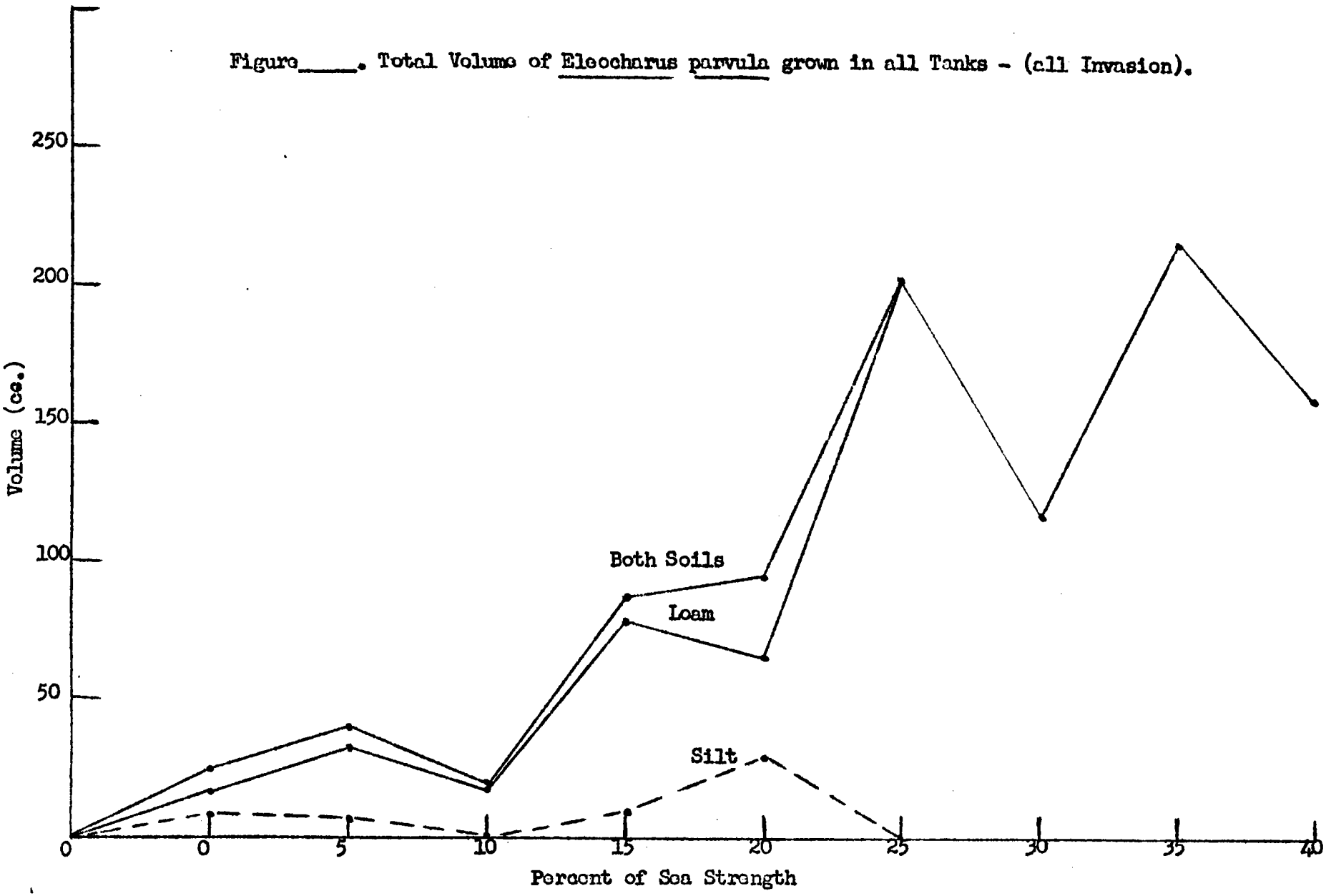


Figure_____. Total Volume of Sagittaria subulata grown in all Tanks - (all Invasion).

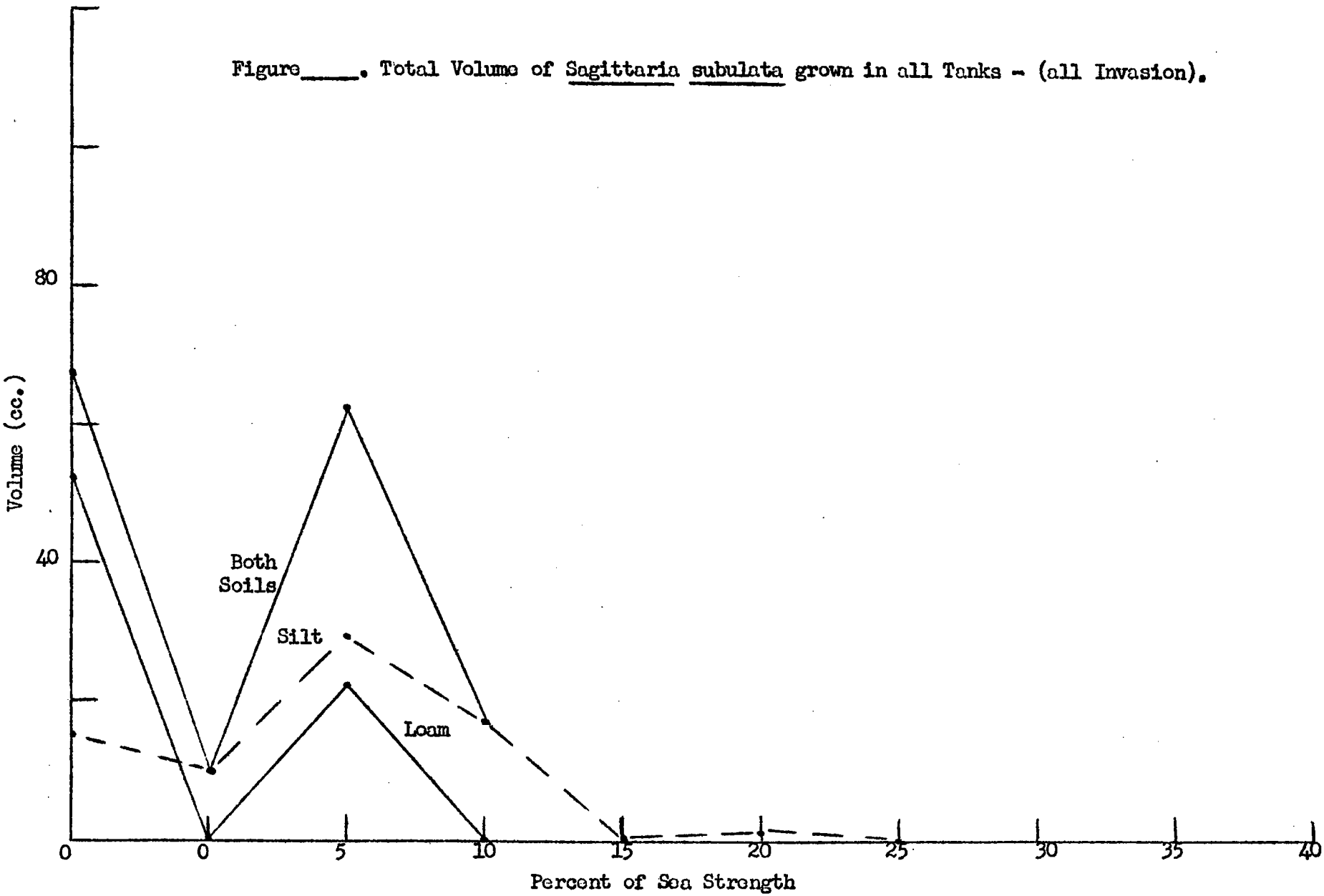


Figure_____. Total Volume of Potamogeton berchtoldii grown in all Tanks - (all Invasion).

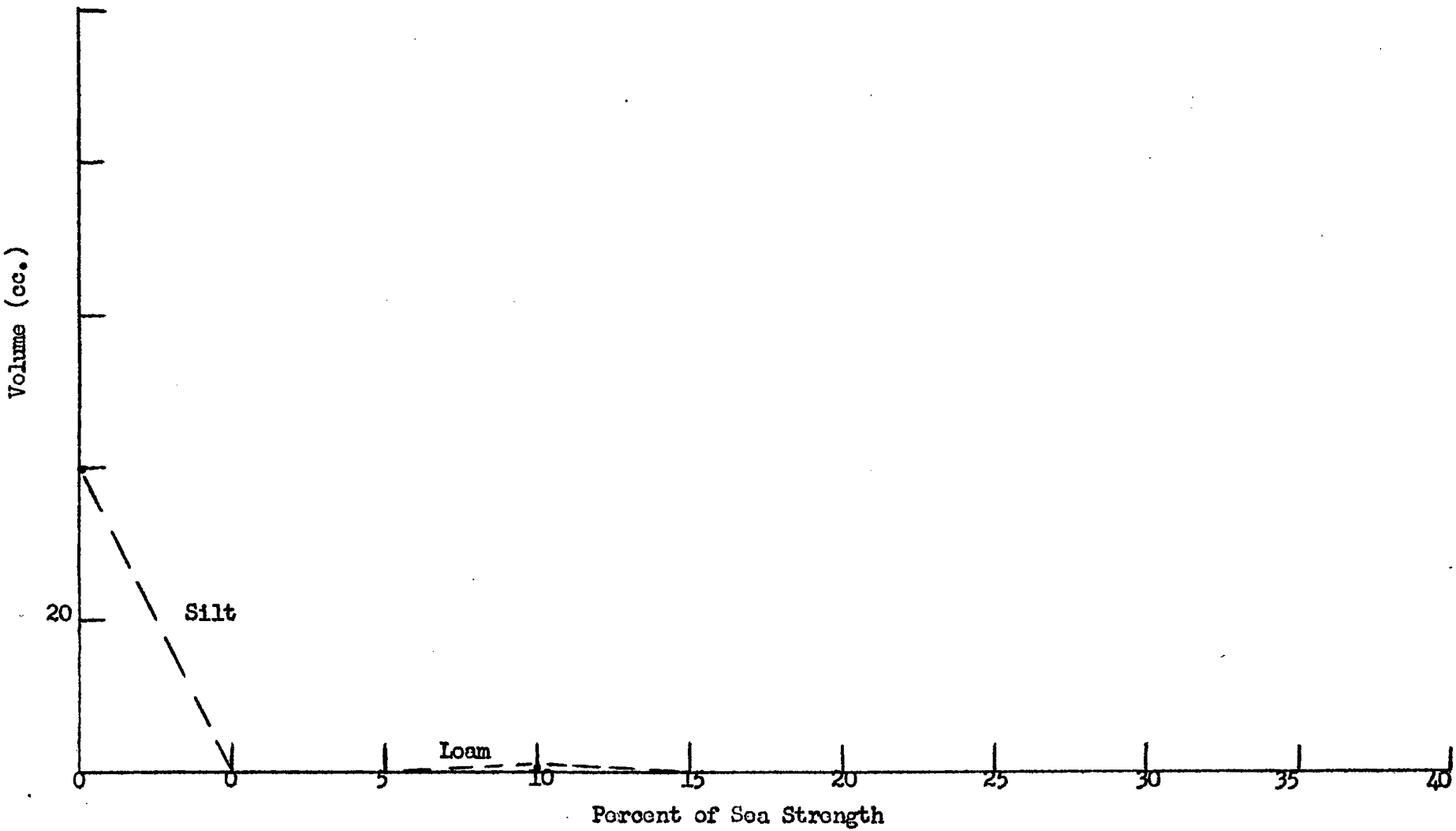


Figure_____. Total Volume of Sago Pondweed Grown in all Tanks (includes Invasion).

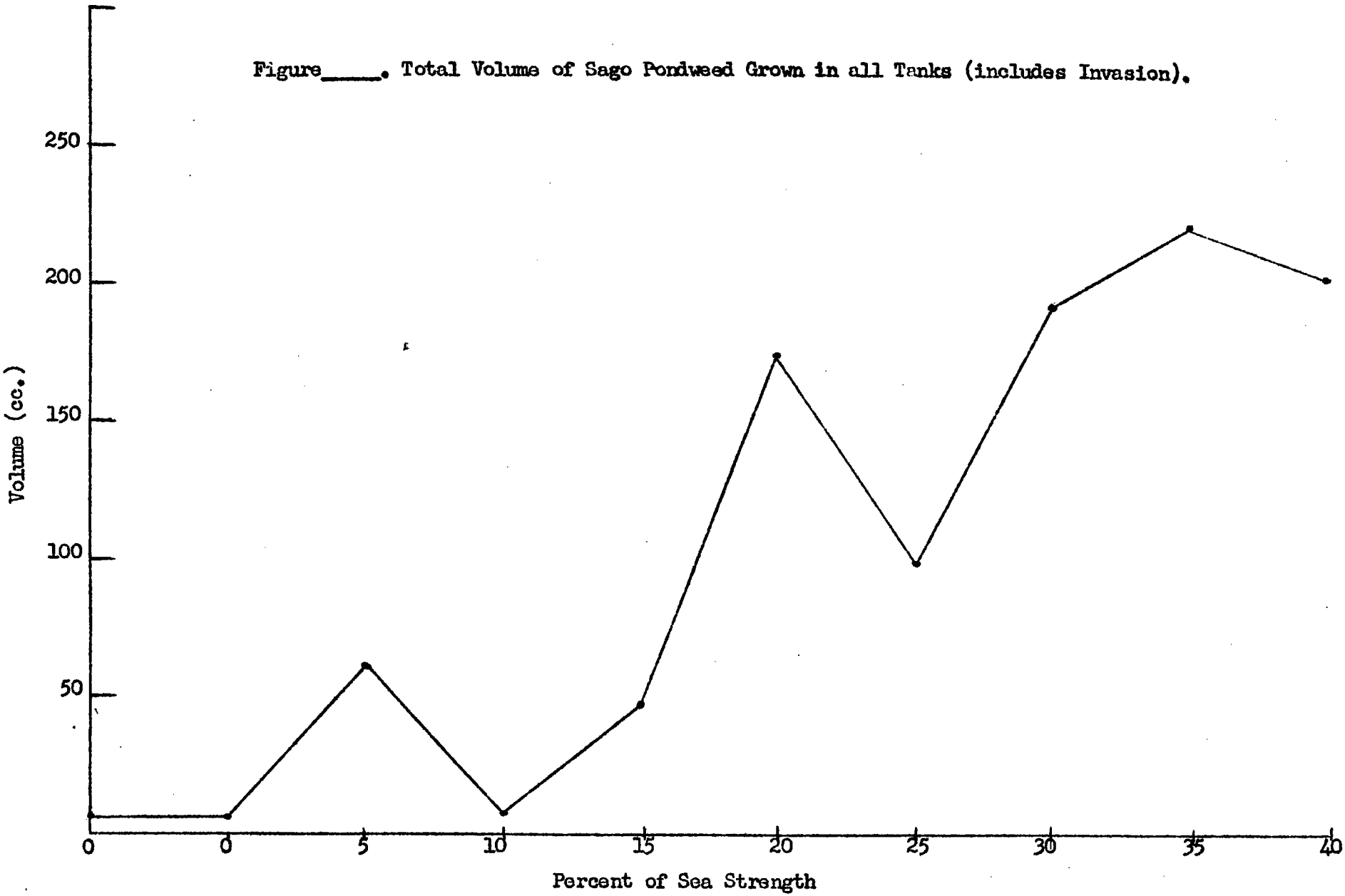


Figure_____. Total Volume of Wild Celery Grown in all Tanks - (includes Invasion).

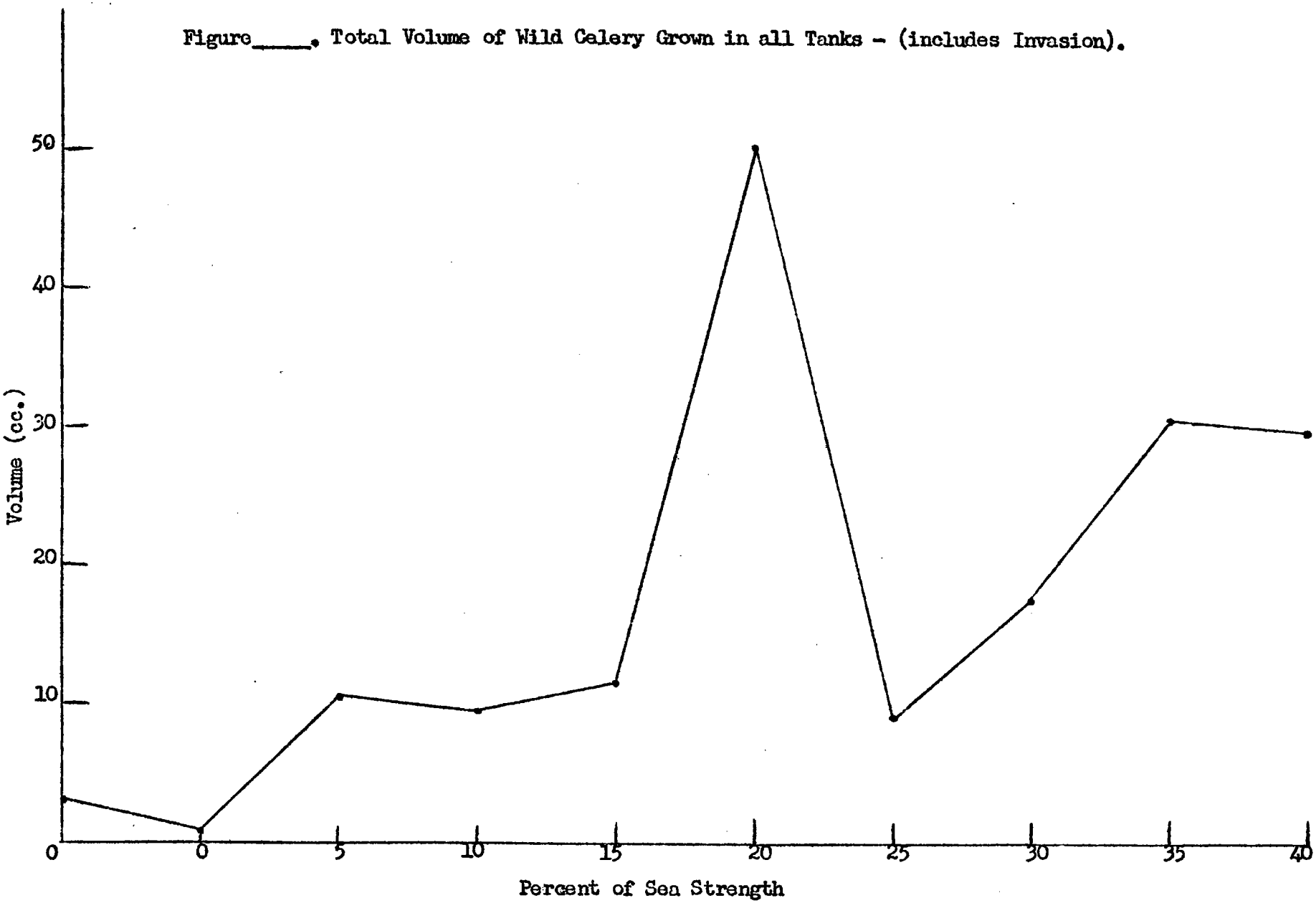
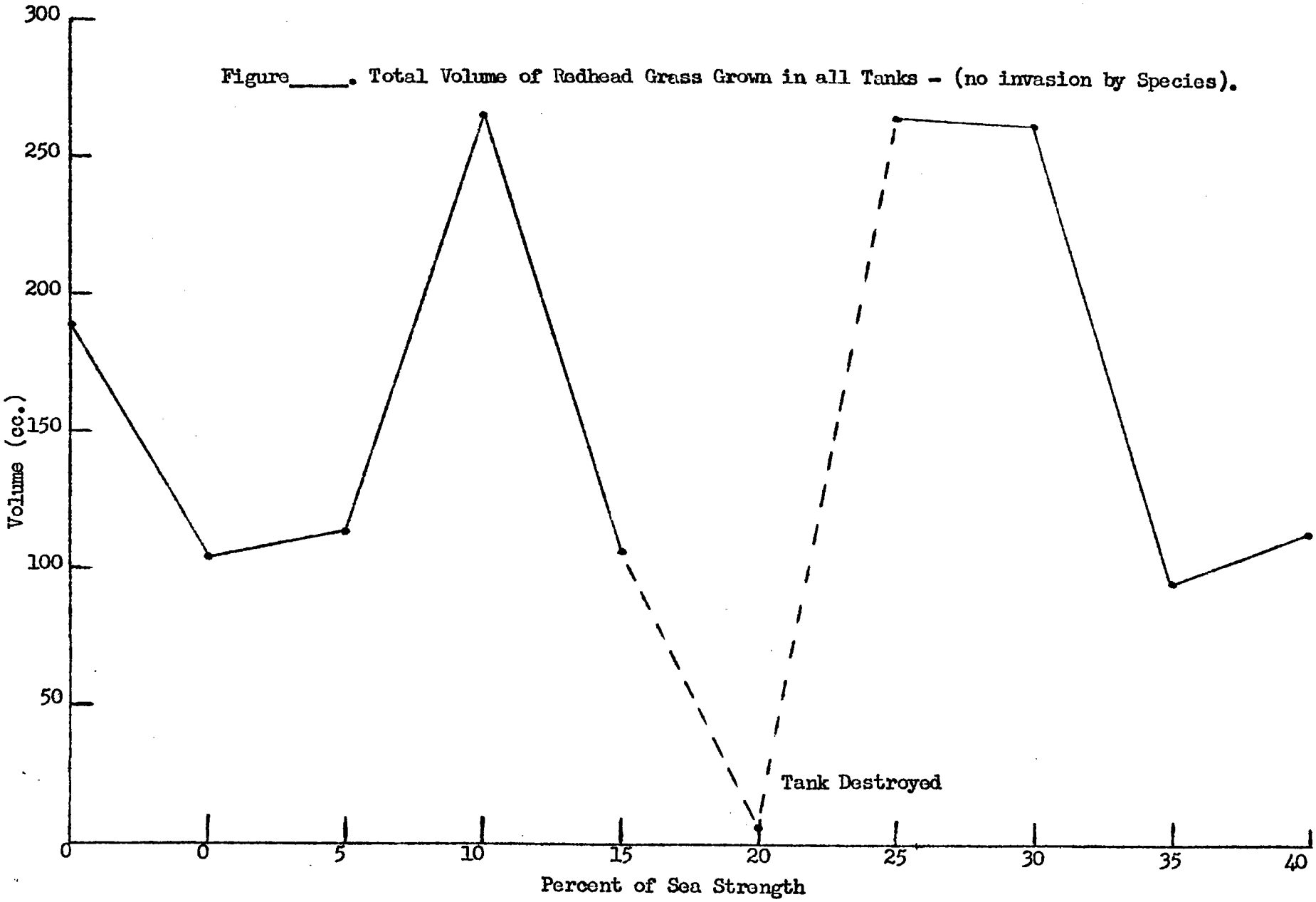


Figure_____. Total Volume of Redhead Grass Grown in all Tanks - (no invasion by Species).



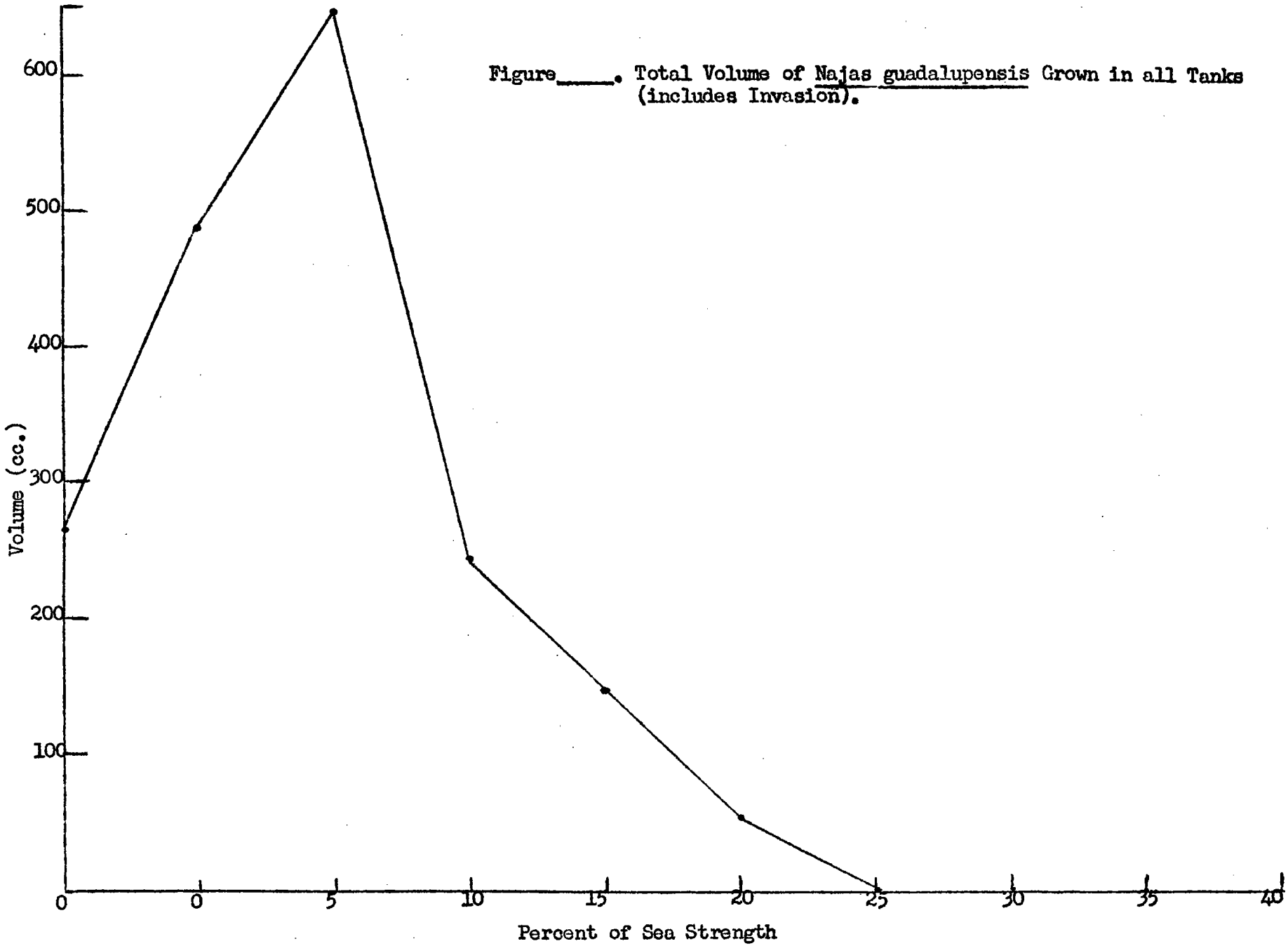


Figure_____. Total Volume of *Najas guadalupensis* Grown in all Tanks (includes Invasion).

Figure_____. Total Volume of Widgeon Grass Grown in all Tanks - (includes Invasion).

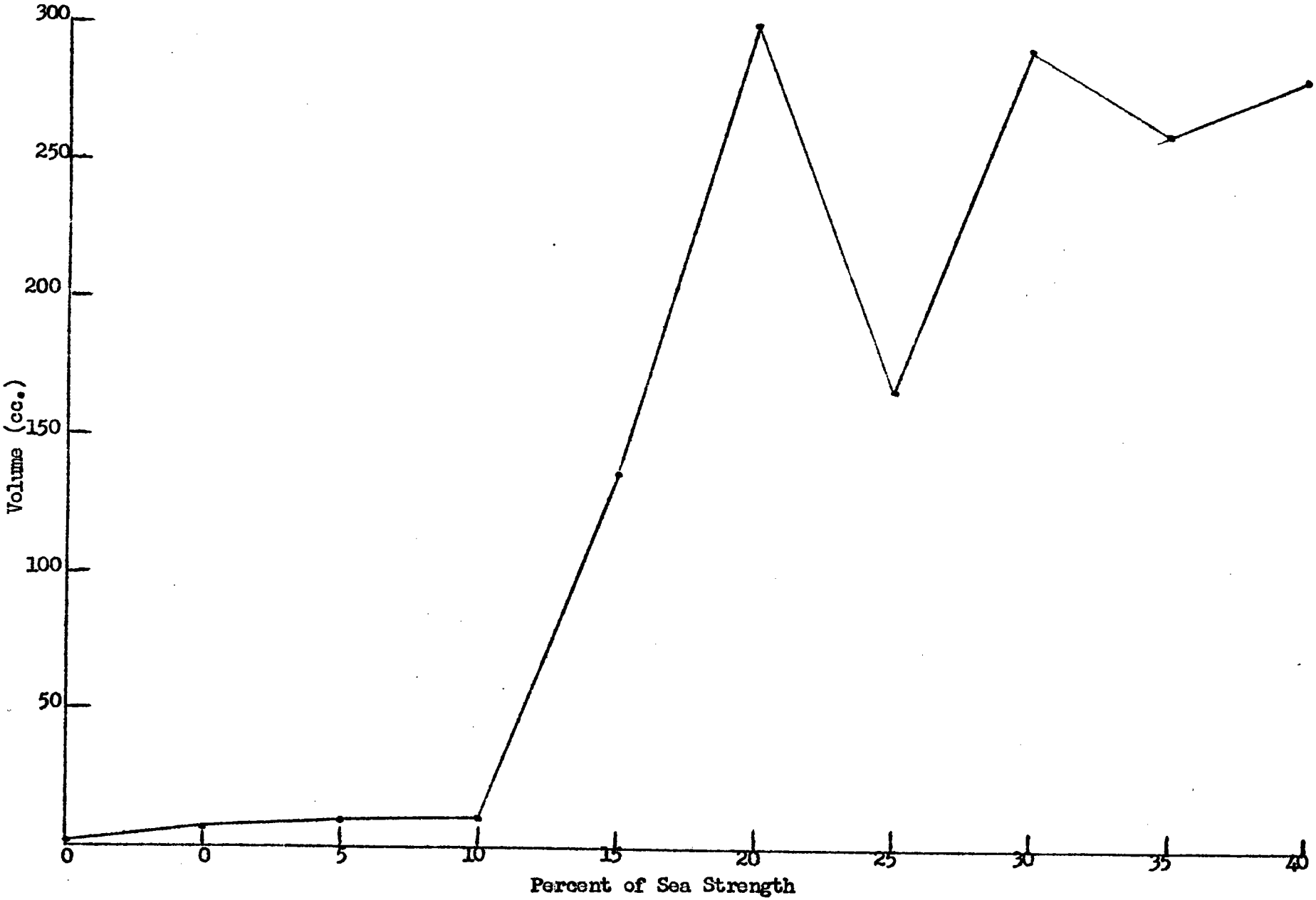


Figure_____. Total Volume of Chara grown in all Tanks - (includes Invasion).

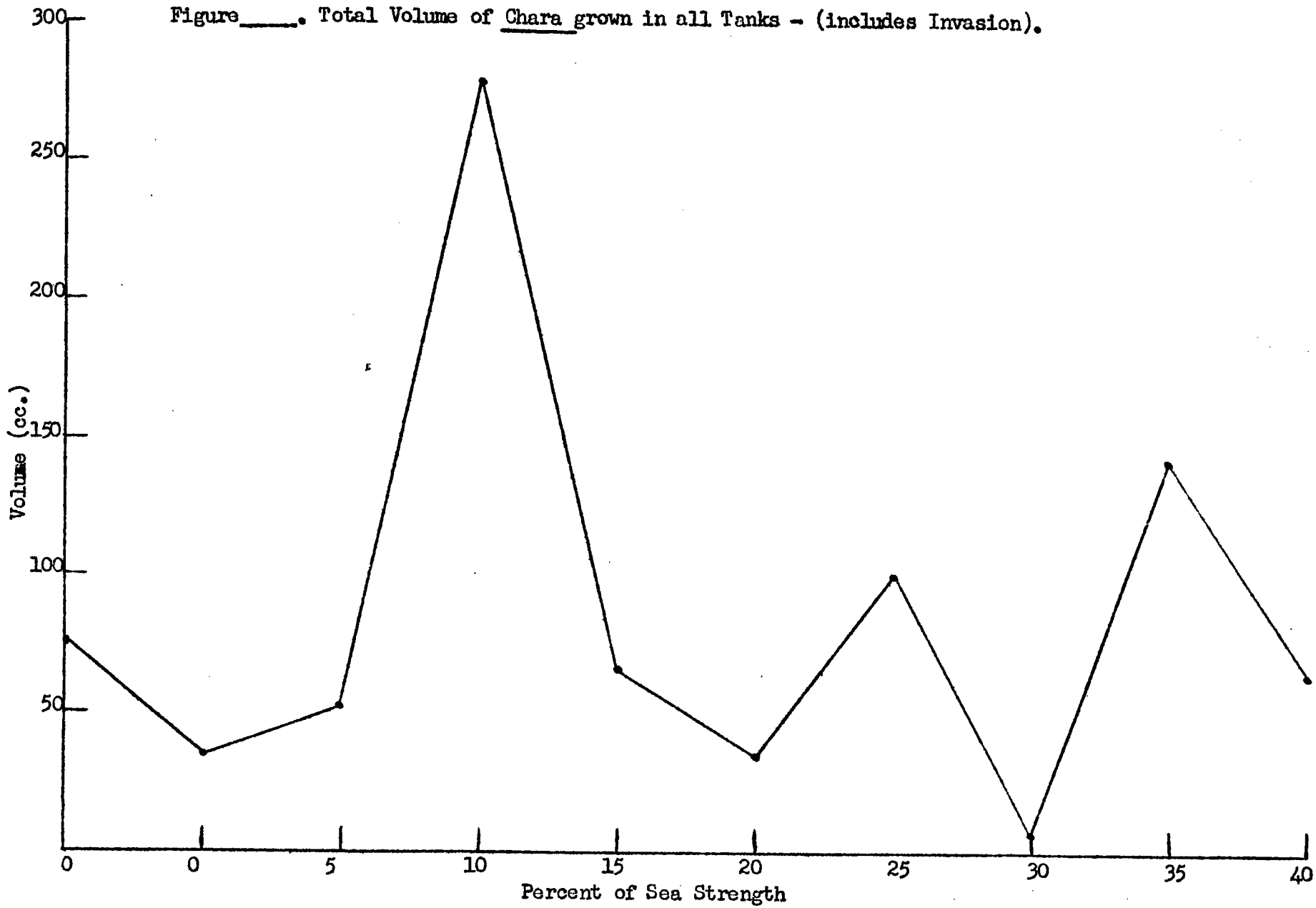


Figure_____. Total Volume of Nitella grown in all Tanks - (includes Invasion).

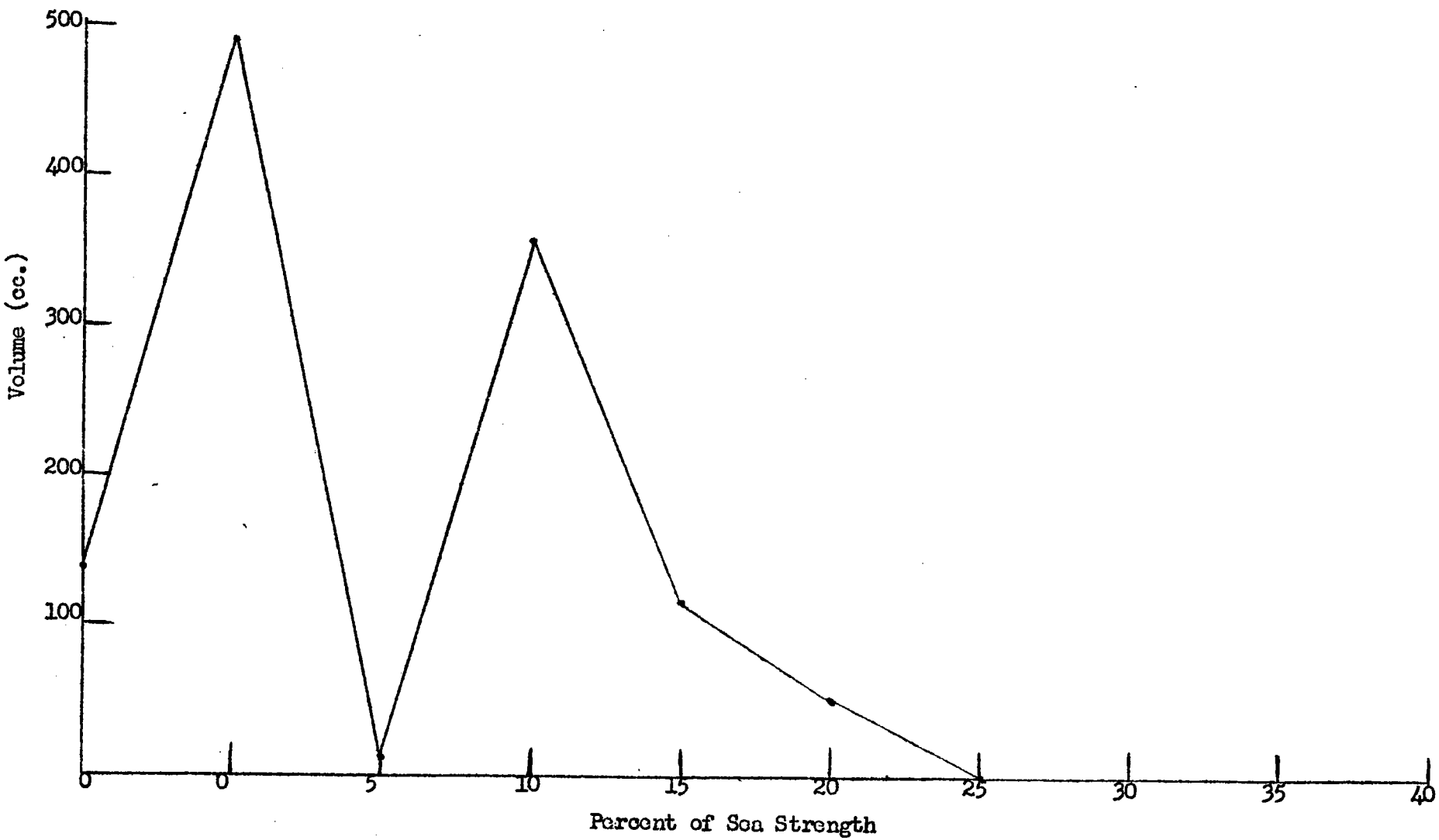


Figure_____. Total Volume of all Vegetation Grown in all Tanks.

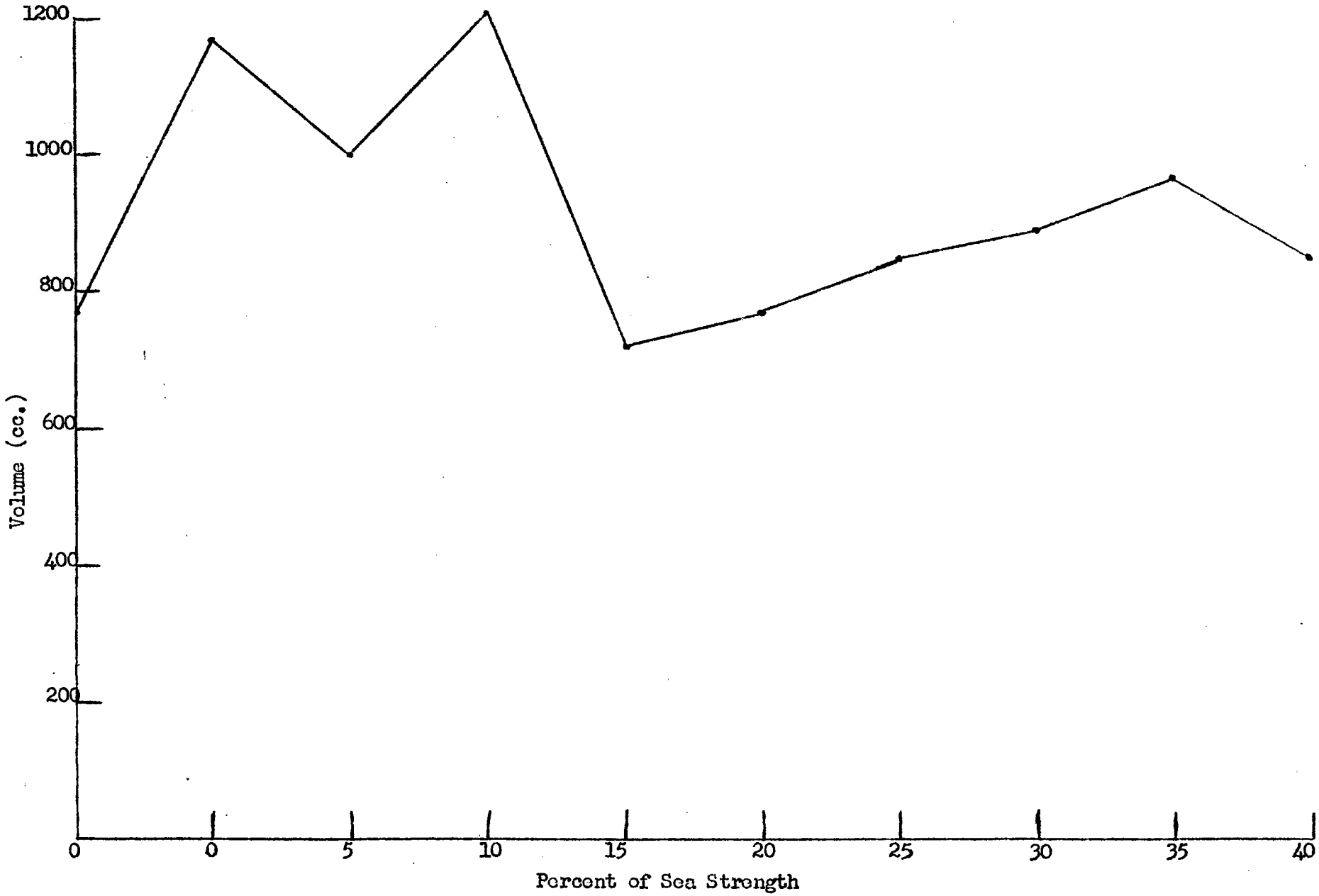


Figure____. Total Volume of all Vegetation Grown in all Tanks.

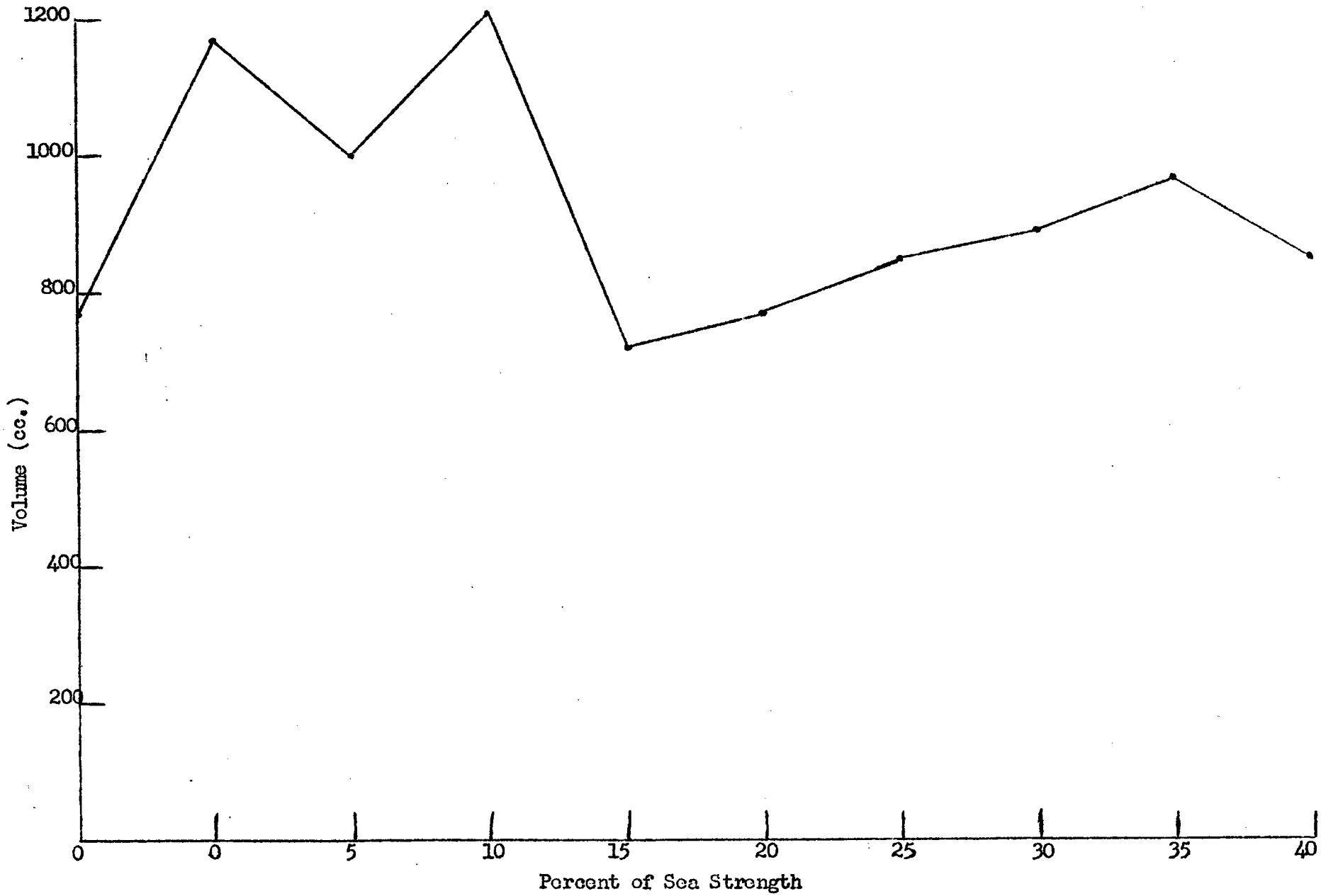


Figure_____. Volumes of Each Species of Aquatic Vegetation Grown in Various Water Salinities in all Tanks - (includes Invasion).

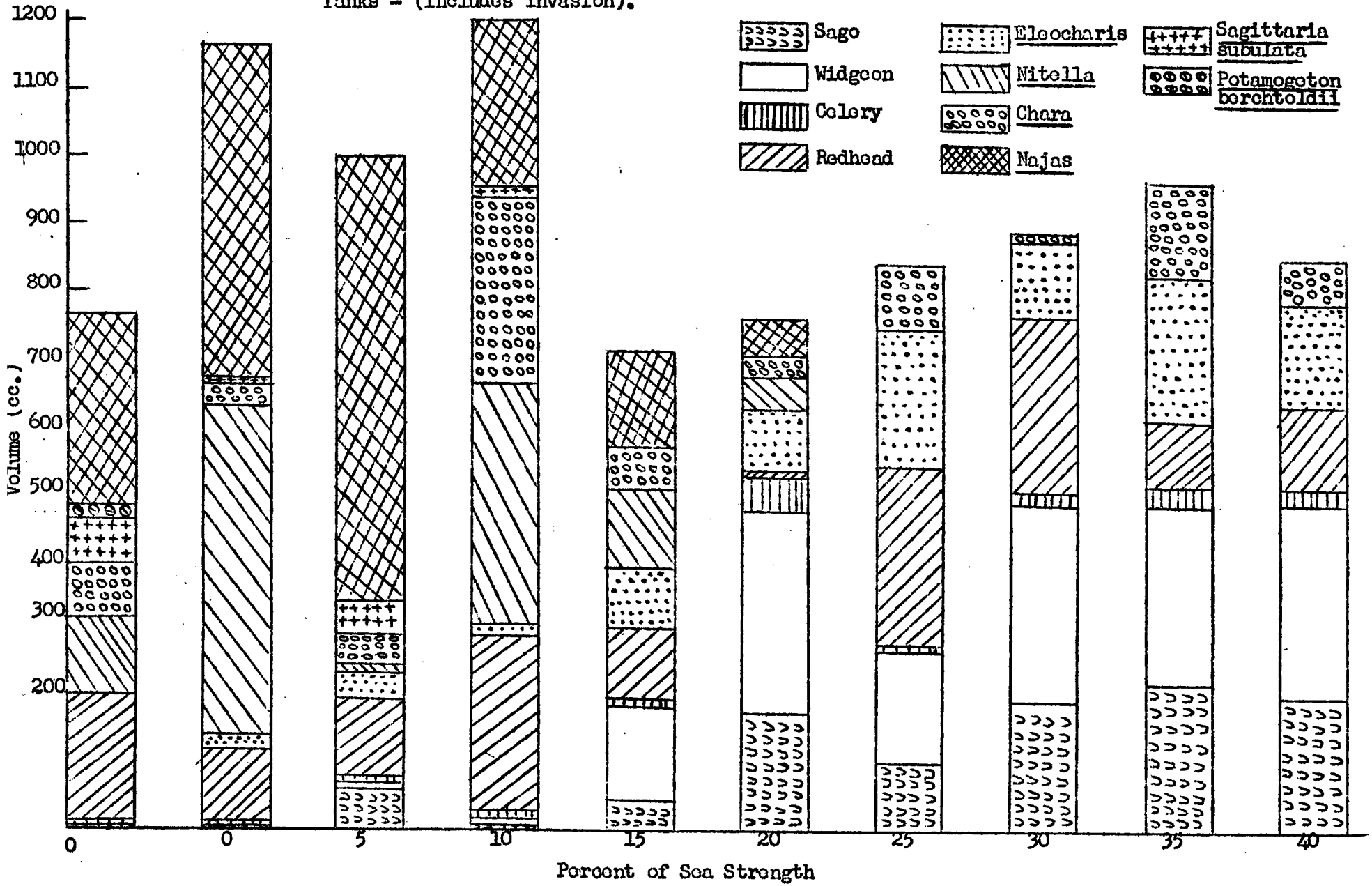


Figure_____. Total Vegetation Grown in Various Water Salinities on Loam and Silt Soils.

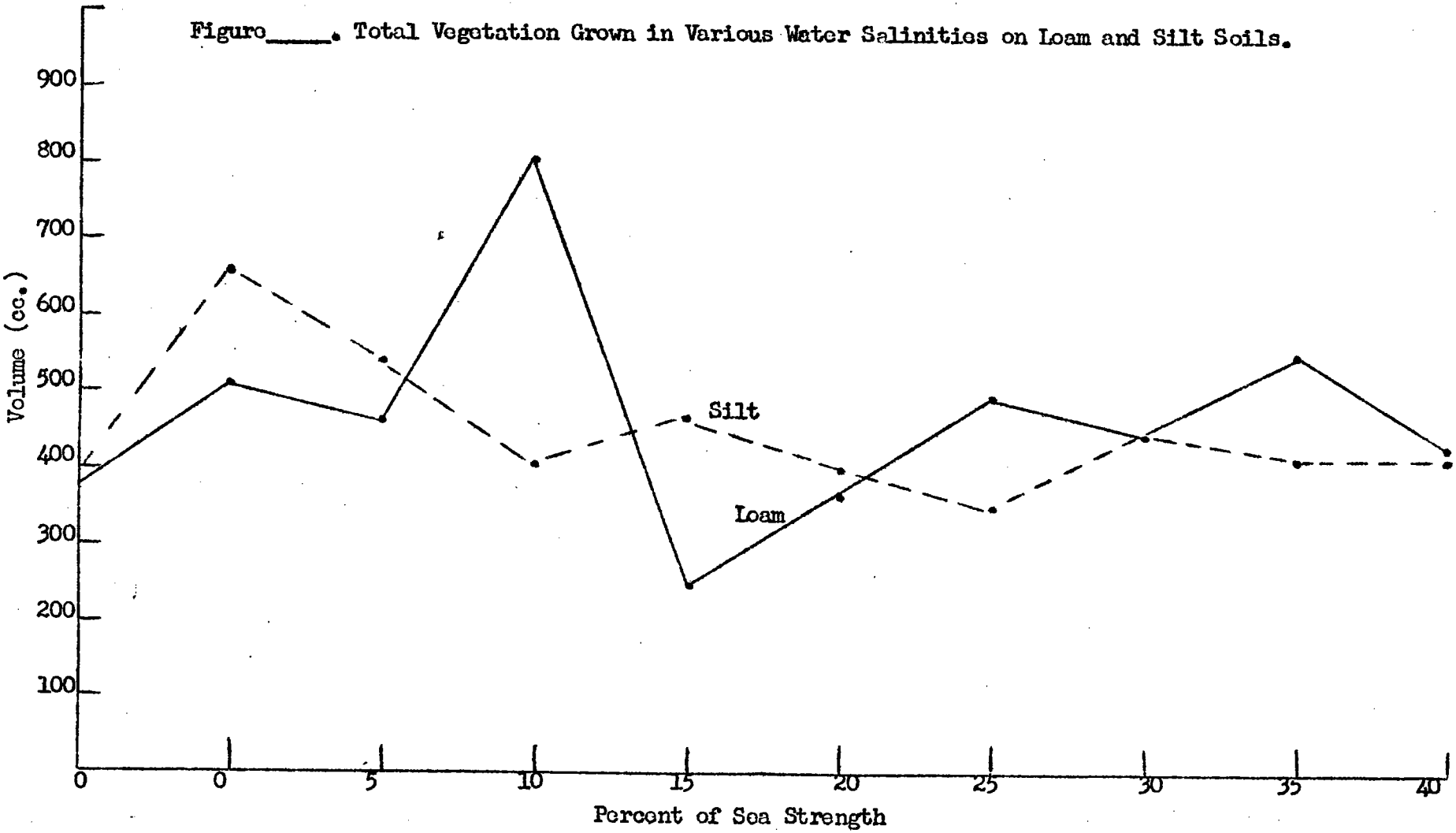


Figure_____. Total Vegetation Grown in Various Water Salinities on Loam and Silt Soils.

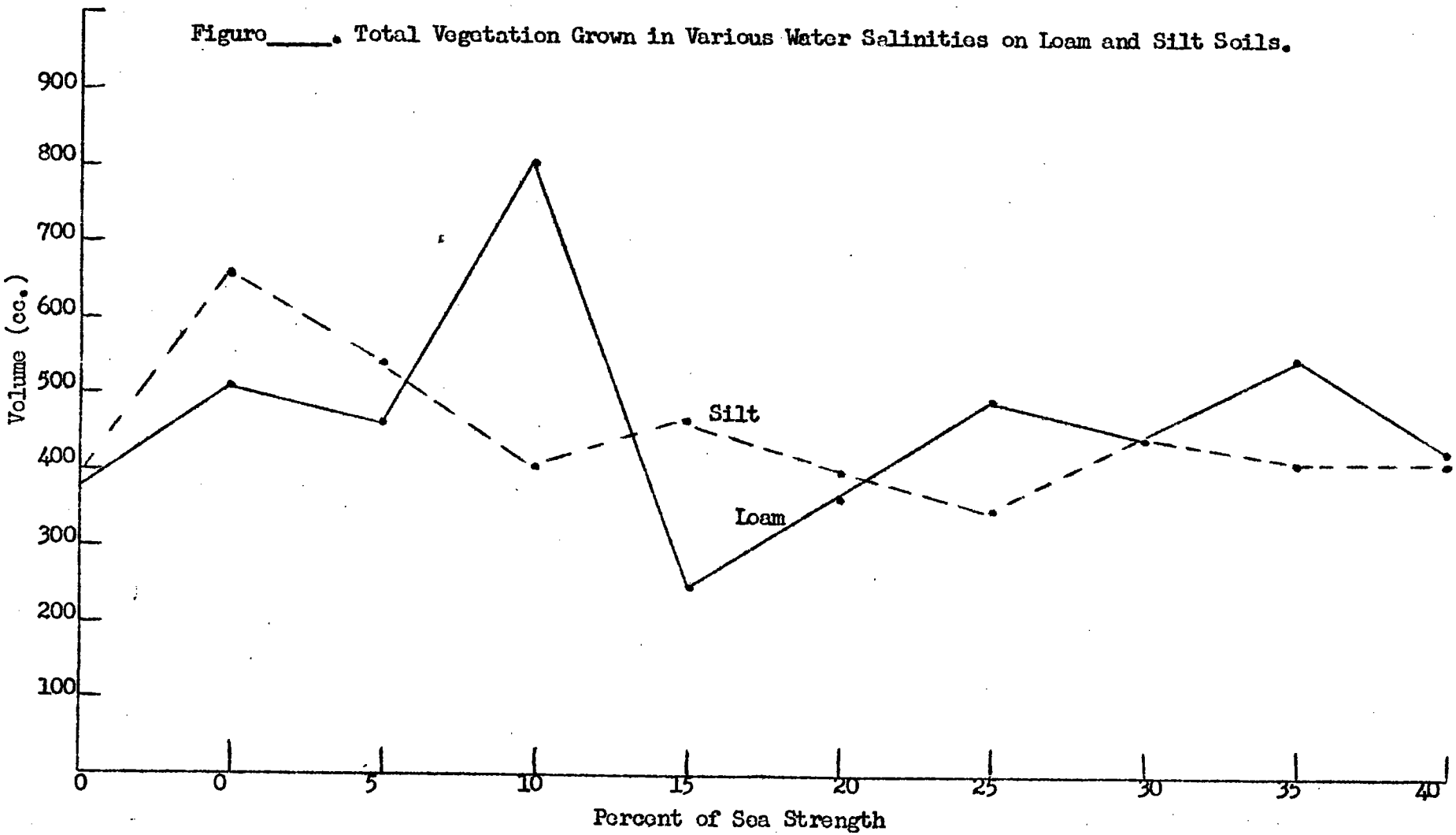


Figure_____. Total Volume of Invasion by Sago Pondweed in Loam and Silt Tanks other than Sago Pondweed Test Tanks.

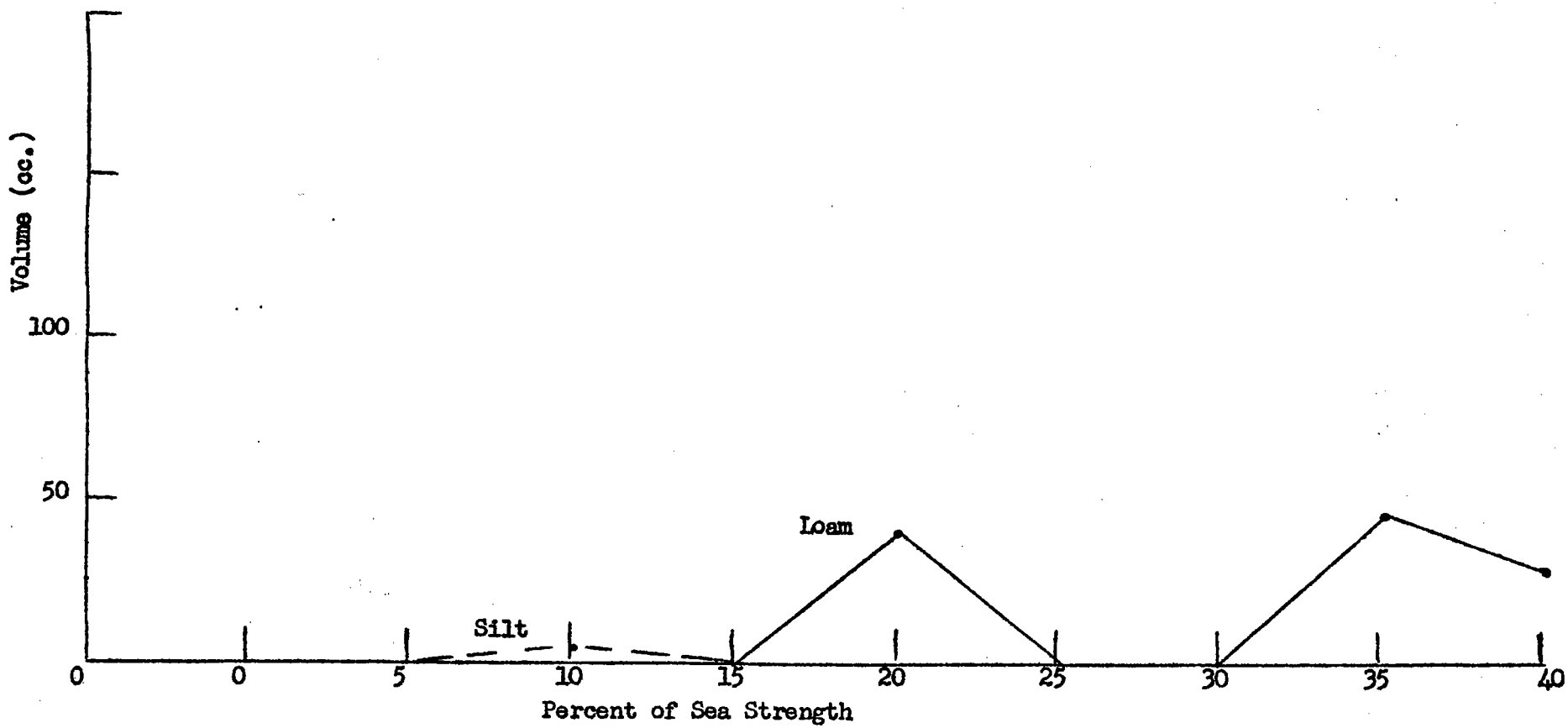


Figure_____. Total Volume of Invasion by Wild Celery in Loam and Silt Tanks other than Wild Celery Test Tanks.

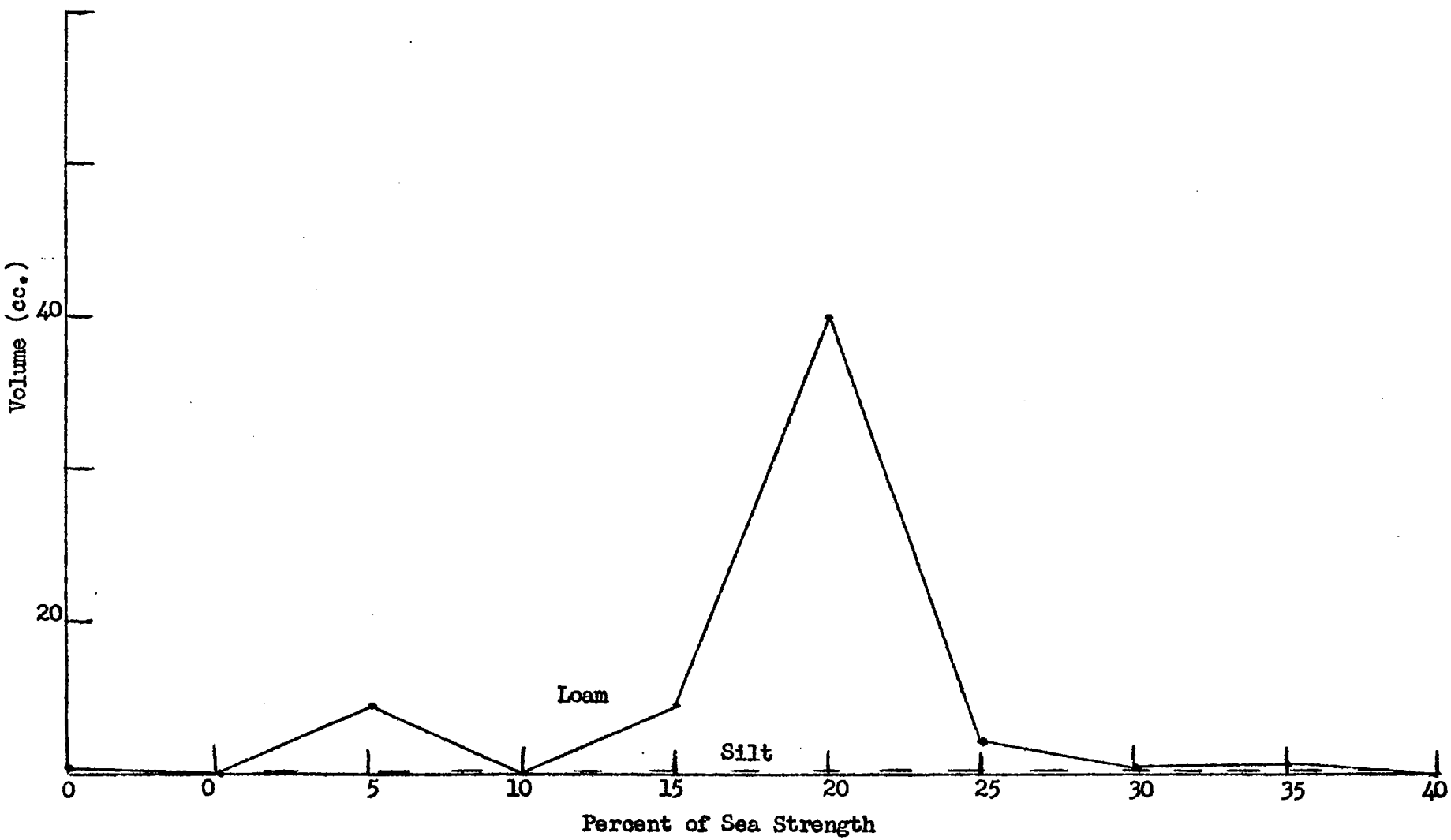


Figure_____. Total Volume of Invasion by Najas in Loam and Silt Tanks other than Najas Test Tanks.

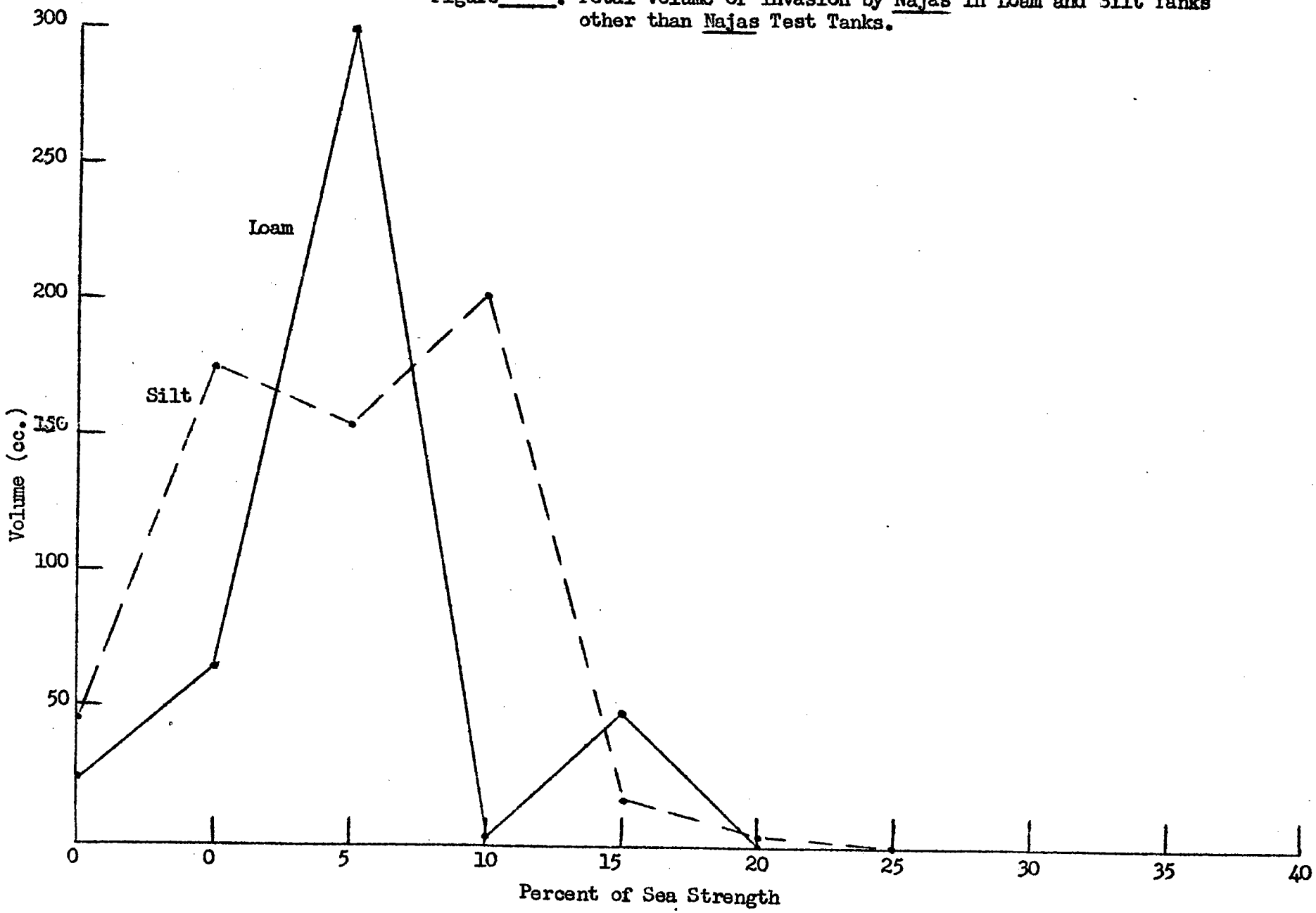


Figure_____. Total Volume of Invasion by Chara in Loam and Silt Tanks other than Chara Test Tanks.

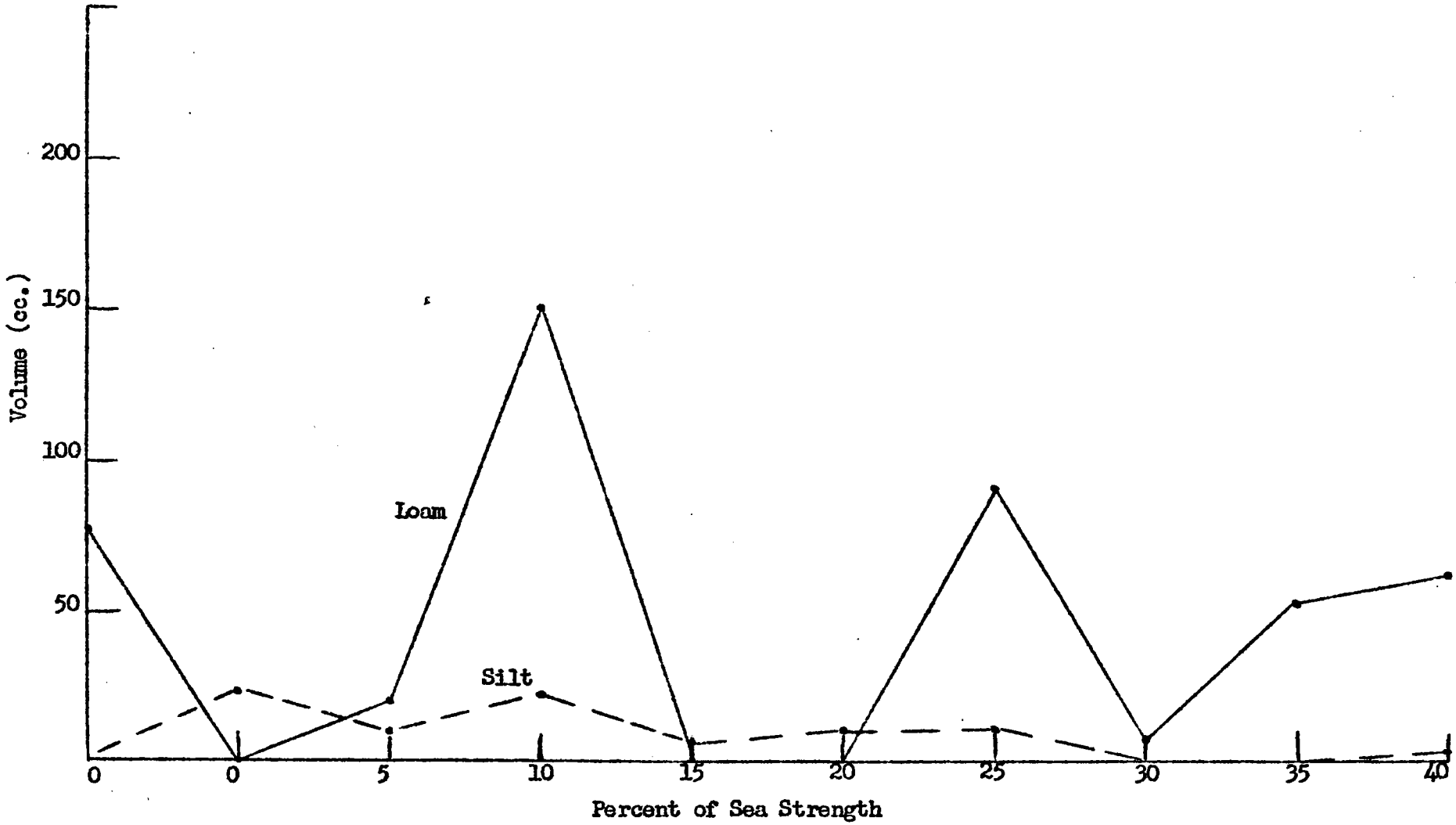
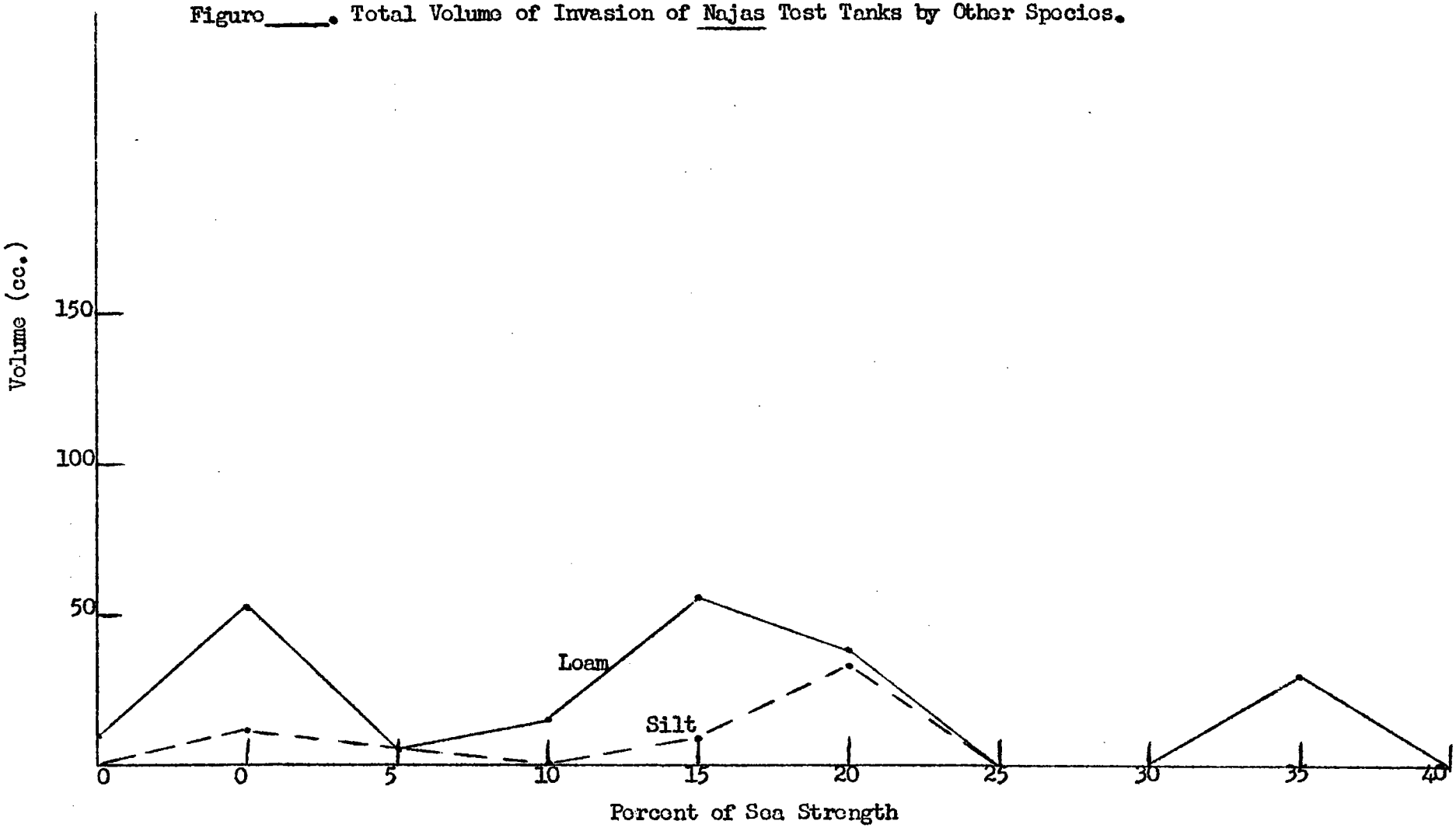



Figure_____. Total Volume of Invasion of *Najas* Test Tanks by Other Species.