

Table 6.4.5: Frequency of pairwise combinations of fish species in Maine lakes (selected species, only).

	TOTAL	Eel	Alewife	LL salmon	Brown trout	Brook trout	Lake trout	Round whitefish	Lake whitefish	Smelt	Longnose sucker	White sucker	Brown bullhead	Redbreast sunfish	Pumpkinseed	Smallmouth bass	Largemouth bass	Yellow perch	Pickereel	White perch	Cusk
TOTAL		684	135	304	212	1482	160	59	76	561	130	1207	851	223	788	470	374	855	809	520	158
Eel	684		87	60	83	67	49	17	32	59	22	88	69	69	73	74	71	75	71	72	40
Alewife	135	118		33	47	53	10	2	5	52	5	92	72	20	77	72	51	78	82	70	4
LL salmon	304	181	45		26	90	69	56	58	84	60	96	67	36	58	44	17	76	52	51	59
Brown trout	212	176	63	56		67	14	2	4	69	6	88	80	26	78	73	58	77	82	70	13
Brook trout	1482	407	71	275	142		98	98	92	28	98	71	56	71	55	49	37	54	43	52	92
Lake trout	160	78	14	110	23	157		78	72	90	45	97	64	23	49	36	17	60	37	36	58
Round whitefish	59	10	1	33	1	58	46		59	78	73	95	52	2	18	17	0	47	10	14	76
Lake whitefish	76	24	4	44	3	70	55	35		79	59	99	72	16	36	25	5	63	26	41	76
Smelt	561	329	70	254	147	159	144	46	60		72	88	62	58	59	51	36	60	53	49	80
Longnose sucker	130	29	6	78	8	127	58	43	45	94		97	58	10	22	12	2	59	14	22	50
White sucker	1207	601	124	291	187	855	155	56	75	492	126		57	92	84	87	75	85	77	91	99
Brown bullhead	851	472	98	205	170	477	102	31	55	347	75	686		67	70	82	83	74	75	82	72
Redbreast sunfish	223	154	27	80	56	159	37	1	12	129	13	205	149		69	50	29	74	67	54	21
Pumpkinseed	788	502	104	175	166	435	78	11	27	334	28	662	550	155		80	81	73	74	88	45
Smallmouth bass	470	348	97	133	155	230	57	10	19	241	15	410	385	112	378		61	86	91	74	30
Largemouth bass	374	267	69	53	124	140	27	0	4	136	3	280	309	64	302	229		84	92	59	16
Yellow perch	855	512	106	232	163	464	96	28	48	338	77	728	629	164	575	406	316		79	88	68
Pickereel	809	483	111	159	173	348	59	6	20	295	18	621	605	149	585	430	343	642		87	33
White perch	520	375	95	154	149	273	57	8	31	254	28	471	425	121	415	350	219	458	452		36
Cusk	158	64	5	94	20	146	91	45	58	126	65	157	113	33	71	47	26	108	52	57	
Lower panel is # lakes in which species co-occur.																					
Upper panel is # lakes in which species co-occur expressed as % of maximum possible number of overlaps (=smaller of 2 lake totals for each species pair)																					