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RLO-2229/T15-2

COMPREHENSIVE BIBLIOGRAPHY AND INDEX OF ENVIRONMENTAL INFORMATION ALONG THE THREE ALTERNATIVE GAS PIPELINE ROUTES



April 1978

United States Department of Energy
Environmental Impacts Division

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COMPREHENSIVE BIBLIOGRAPHY AND INDEX
OF ENVIRONMENTAL INFORMATION ALONG THE
THREE ALTERNATIVE GAS PIPELINE ROUTES

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April 1978

Prepared for the
U. S. Department of Energy
Environmental Impacts Division
under contract
No. EY-76-S-06-2229 task agreement No. 15

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COMPREHENSIVE BIBLIOGRAPHY AND INDEX
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THREE ALTERNATIVE GAS PIPELINE ROUTES.

The bibliography and index was compiled to provide increased access to environmental information pertinent to the three alternative natural gas pipeline routes from Prudhoe Bay through Alaska. Only the Alaskan segment of each of these routes was included. Citations were included which discussed environmental features within 15 miles of any segment of any of the three pipeline routes. Although different phenomena have various radii of impact, it was felt that 15 miles from the pipeline was an acceptable compromise for inclusion of information.

Often information necessary for adequate decision making on large projects is scattered throughout many documents. This bibliography and index compiles pertinent information and facilitates access to many publications. Comments on the usability and format of this index are solicited, so that future projects of this kind might be increasingly effective in their enhancement of the transfer of information. This publication includes new citations found after the publication of the draft copy (February 1978). The bibliography and index will be updated periodically.

Section I of this index is the master bibliography, which contains a complete bibliographic citation for each document. Each citation is listed in numeric order according to its accession number. New additions to the bibliography will continue the numerical sequence.

Section II is an alphabetical author index. For each citation the primary author plus additional co-authors (up to a maximum of three co-authors), truncated title, and accession number are listed. Personal authors are listed alphabetically by their last name; corporate authors (such as a society, institution, government department, etc.) are inter-

filed alphabetically with the personal authors. Whenever possible authors' first names have been included to better identify individuals. Various sources were checked for additional verification, however, a few incomplete author names were not found. When only an initial is given for the first name, an author may be listed twice.

Section III is a geographic index. Locations along each of the three alternative pipeline routes are identified by five-mile intervals along the right-of-way. All pipeline mileages begin at Prudhoe Bay and conform as nearly as possible to company documents indicating routing. It was felt that locations could not be estimated for less than five-mile approximations along any route due to precision of the source document as well as the variability of initial routing plans. Again each accession number listed for a geographic location refers to a citation in the master bibliography (Section I).

Section IV is a map of the area covered by this index. All three alternative pipeline routes are shown with five-mile intervals indicated. The scale of this map is 1:1,000,000. Major drainages, township and range protractions are included along with an identification of U.S. Geological Survey quadrangle coverage to better orient the reader.

Section V is an earth sciences index. Specific geologic terms identifying structural features, soil groups, or other names specific to Alaskan localities are organized alphabetically in this index. Associated with each term is a listing of accession numbers of those citations containing information relative to this term.

Section VI is a biological (taxonomic) index. In this section, all references to genus and species of fauna and flora along the three alternative pipeline routes are organized alphabetically. No attempt has been made to internally organize this list to conform to taxonomic relationships. In addition, no attempt was made to correct changes in current taxonomic nomenclature; taxonomic names are represented exactly

as they occurred in the source document. Accession numbers listed opposite each taxonomic name identify the source documents in which material may be found along one or more of the routes for the indicated organism.

Section VII is a general keyword index. Keywords were assigned using the Water Resources Thesaurus (second edition) published by the U.S. Department of the Interior, Office of Water Resources Research, Water Resources Scientific Information Center in 1971. A number of additional terms pertinent to Alaska or to specific environmental questions of concern to the alternative pipeline routes have been added to the thesaurus listing of acceptable terms (Table 1). All keywords are listed alphabetically with truncated titles and accession numbers of citations containing relevant information.

TABLE I.

Additional Keywords

arctic char	ice break up
arctic grayling	land uplift
arthropods	leeches
aufeis	moose
bayors	muskox
bison	pingos
black spruce trees	raptors
carbon compounds	raspberries
carbon monoxide	sheefish
caribou	silver salmon
emergence	spruce trees
fossils	squirrels
goshawk	thermokarst
grouse	white spruce trees
hawks	whitefish

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	00373	00374	00377	00380
	00382	00402	00436	00544
	00546	00549	00556	00564
	00565	00568	00574	00576
	00586	00587	00588	00590
	00610	00662	00677	00685
	00693	00699	00706	00709
	00710	00718	00722	
E-535 to E-545.....	00415	00499		
E-535 to E-570.....	00630			
E-535 to E-580.....	00467			
E-535 to E-610.....	00107	00347		
E-535 to E-710.....	00454			
E-540.....	00025	00026	00028	00081
	00133	00170	00356	00495
	00496	00546	00586	00587
	00588	00592	00701	00705
	00717			

E-540 to E-600.....	00501			
E-545.....	00015	00016	00053	00055
	00167	00203	00252	00254
	00309	00324	00325	00326
	00356	00520	00589	00708
E-545 to E-560.....	00524	00714		
E-545 to E-565.....	00739	00740		
E-545 to E-570.....	00164			
E-545 to E-580.....	00646			
E-550.....	00023	00041	00252	00285
	00707	00716	00719	00736
	00737			
E-550 to E-570.....	00086			
E-550 to E-600.....	00455			
E-550 to E-830.....	00609			
E-555.....	00285	00347	00698	00705
	00707	00708	00711	00713
	00717			
E-555 to E-790.....	00753			
E-560.....	00023	00024	00041	00167
	00203	00285	00527	00647
	00707	00724		
E-570.....	00010	00015	00016	00199
	00203	00252	00254	00299
	00323	00556	00560	00660
E-570 to E-580.....	00390			
E-570 to E-700.....	00639			
E-580.....	00015	00016	00089	00151
	00203	00299	00493	00556
	00564	00565	00586	00587
	00588	00628	00685	00705
	00719	00731		
E-590.....	00096	00116	00195	00203
	00220	00256	00274	00344
	00406	00438	00586	00587
	00588	00668	00683	00685
E-590 to E-600.....	00733			
E-590 to E-610.....	00015	00470		
E-590 to E-770.....	00511	00514		
E-590 to E-780.....	00005			
E-595.....	00220	00246		
E-595 to E-610.....	00620	00687		
E-595 to E-620.....	00553			
E-600.....	00159	00203	00345	00556
	00684	00686	00693	00706
	00718	00731		
E-600 to E-610.....	00710			
E-605.....	00010	00016	00025	00080

E-605.....	00096	00153	00167	00203
	00318	00699	00707	00708
	00709	00712	00717	
E-610.....	00116	00148	00157	00171
	00177	00284	00285	00345
	00385	00438	00491	00492
	00495	00546	00547	00560
	00590	00592	00598	00618
	00668	00685	00686	00693
	00718			
E-610 to E-620.....	00159			
E-610 to E-685.....	00161			
E-610 to E-720.....	00661			
E-610 to E-760.....	00659			
E-615.....	00008	00176	00177	00285
	00707			
E-620.....	00025	00026	00156	00157
	00175	00178	00180	00203
	00209	00242	00274	00299
	00326	00339	00385	00405
	00491	00495	00499	00556
	00560	00564	00565	00586
	00587	00588	00592	00662
	00672	00685	00686	00699
	00708	00716	00731	00734
E-620 to E-635.....	00211			
E-620 to E-720.....	00006	00555		
E-620 to E-770.....	00045			
E-620 to E-830.....	00752			
E-625.....	00133	00157	00159	00178
	00179	00180	00405	00449
E-625 to E-685.....	00437			
E-630.....	00015	00016	00176	00177
	00179	00180	00385	00586
	00587	00588	00590	00598
	00693			
E-630 to E-660.....	00157			
E-630 to E-710.....	00432			
E-630 to E-730.....	00674			
E-630 to E-760.....	00245			
E-635.....	00178	00179	00180	00699
E-640.....	00177	00246		
E-640 to E-710.....	00047	00119	00666	
E-640 to E-720.....	00141			
E-645.....	00015	00016	00285	
E-650.....	00178	00179		
E-650 to E-720.....	00505	00506		
E-650 to E-730.....	00333			

E-655.....	00015	00016	00159	00178
	00180	00187	00195	00199
	00203	00220	00352	00586
	00587	00588	00686	
E-655 to E-700.....	00445			
E-655 to E-795.....	00209			
E-660.....	00089	00177	00178	00180
	00203	00217	00284	00447
E-660 to E-700.....	00086			
E-660 to E-720.....	00624			
E-665.....	00046	00180		
E-670.....	00010	00179	00203	00218
	00284	00296	00463	00520
	00552	00554	00560	00561
	00562	00564	00565	00568
	00586	00587	00588	00685
	00686			
E-670 to E-700.....	00725			
E-670 to E-720.....	00253	00308	00313	
E-675.....	00015	00016	00108	00178
	00203	00204	00239	00241
	00242	00243	00244	00252
	00274	00285	00294	00309
	00379	00380	00560	00562
	00564	00565	00574	00582
	00584	00585	00586	00587
	00588	00685	00686	
E-680.....	00010	00015	00016	00187
	00322	00556	00560	
E-685.....	00089	00157	00158	00159
	00160	00178	00179	00180
	00203	00246	00252	00326
	00339	00447	00556	00561
	00562	00564	00565	00568
	00574	00582	00662	00684
	00685	00686	00734	
E-685 to E-700.....	00650			
E-685 to E-830.....	00580			
E-690.....	00010	00063	00180	00195
	00199	00217	00218	00220
	00284	00560		
E-690 to E-730.....	00260	00261	00518	00519
E-690 to E-830.....	00744			
E-700.....	00010	00089	00178	00179
	00195	00199	00202	00203
	00217	00218	00220	00246
	00250	00252	00324	00326
	00417	00520	00556	00560
	00561	00562	00564	00565
	00568	00570	00586	00587
	00588	00660	00685	
E-700 to E-710.....	00605			
E-700 to E-785.....	00581	00688		
E-700 to E-830.....	00494	00512	00533	00541

E-705.....	00218
E-710.....	00177 00586 00587 00588
	00621
E-710 to E-750.....	00164
E-715.....	00010 00015 00016 00133
	00178 00180 00187 00252
	00556
E-720.....	00010 00015 00016 00055
	00089 00130 00157 00159
	00175 00177 00178 00179
	00180 00187 00203 00217
	00218 00252 00274 00284
	00309 00324 00326 00339
	00556 00560 00561 00562
	00564 00565 00568 00582
	00586 00587 00588 00660
	00684 00685 00686 00725
 E-720 to E-730.....	00605
E-720 to E-760.....	00192
E-725.....	00177 00195 00199 00220
 E-730.....	00161 00284 00322 00326
	00686
E-730 to E-800.....	00455
E-735.....	00015 00016 00187
E-740 to E-770.....	00086
E-740 to E-830.....	00406 00641
E-745.....	00178
E-750.....	00010 00015 00016 00089
	00187 00195 00203 00218
	00220 00417 00556 00560
	00685 00731
E-750 to E-785.....	00432
E-750 to E-830.....	00532 00540
E-755.....	00157 00199 00218 00284
	00686
E-760.....	00195 00199 00220
E-760 to E-785.....	00521
E-765.....	00199 00220
E-770.....	00010 00013 00089 00195
	00203 00217 00285 00365
	00556
E-770 to E-830.....	00095 00513 00681
E-775.....	00116 00177 00178 00195
	00220 00344 00438 00586
	00587 00588 00590 00668

E-775 to E-830.....	00649			
E-780.....	00089	00195	00199	00218
	00220	00258	00586	00587
	00588			
E-780 to E-790.....	00485			
E-780 to E-810.....	00605			
E-780 to E-830.....	00029	00139	00186	00372
	00550	00735		
E-785.....	00013	00015	00144	00156
	00157	00159	00161	00177
	00178	00179	00187	00203
	00204	00217	00246	00248
	00252	00280	00284	00294
	00344	00416	00486	00487
	00488	00489	00490	00556
	00565	00574	00584	00585
	00586	00587	00588	00590
	00602	00644	00685	00686
E-785 to E-830.....	00137	00538		
E-790 to E-830.....	00094	00098	00122	
E-800.....	00016	00157		
E-800 to E-830.....	00357	00445	00612	
E-805.....	00159	00654	00658	
E-810 to E-830.....	00631			
E-820.....	00010	00015	00654	00658
E-820 to E-830.....	00522	00593		
E-825.....	00103	00187	00203	00295
	00297	00525	00556	00560
	00601	00613	00684	
E-830.....	00013	00055	00157	00159
	00175	00178	00203	00252
	00416	00586	00587	00588
	00614	00654	00655	00658
	00663	00664	00731	
N-000.....	00010	00015	00016	00028
	00043	00048	00076	00203
	00222	00223	00224	00225
	00226	00227	00228	00229
	00230	00231	00232	00233
	00234	00284	00317	00556
	00567	00686		
N-000 to N-005.....	00044	00387		
N-000 to N-010.....	00077			
N-000 to N-025.....	00319			
N-000 to N-035.....	00383			
N-000 to N-055.....	00439			

N-000 to N-065.....	00445			
N-000 to N-070.....	00131	00475		
N-000 to N-110.....	00030			
N-000 to N-120.....	00675			
N-000 to N-125.....	00548			
N-000 to N-140.....	00119			
N-000 to N-150.....	00070	00432	00474	
N-000 to N-160.....	00001	00004	00480	00682
N-000 to N-165.....	00507			
N-000 to N-170.....	00032	00149	00412	00453
	00482			
N-000 to N-175.....	00152	00154		
N-000 to N-200.....	00476	00479	00481	
N-000 to N-205.....	00473	00478		
N-000 to N-210.....	00057			
N-000 to N-225.....	00454	00472		
N-000 to N-250.....	00003			
N-000 to N-350.....	00457	00459	00460	
N-000 to N-355.....	00508			
N-000 to N-400.....	00300			
N-000 to N-530.....	00545			
N-000 to N-540.....	00002	00075	00090	00197
N-000 to N-550.....	00753			
N-000 to N-730.....	00059	00078	00079	00097
	00117	00118	00136	00155
	00163	00173	00174	00215
	00257	00275	00301	00370
	00386	00388	00397	00408
	00409	00410	00426	00442
	00515	00542	00603	00642
	00656	00660	00681	00729
	00730			
N-005.....	00089	00209	00483	
N-010 to N-090.....	00286			
N-020 to N-035.....	00147			
N-035.....	00586	00587	00588	
N-035 to N-170.....	00316			
N-040.....	00042			
N-040 to N-180.....	00477			
N-045.....	00058			
N-050 to N-145.....	00529			
N-055.....	00217	00284	00686	
N-055 to N-065.....	00464			
N-055 to N-105.....	00573			
N-060.....	00284	00465		
N-065.....	00048	00387		
N-065 to N-165.....	00128			
N-070.....	00019	00058	00089	00203
	00217	00221	00556	00567
	00686			

N-070 to N-150.....	00100
N-070 to N-165.....	00306
N-080.....	00015 00016 00195 00203
	00222 00556 00586 00587
	00588
N-090.....	00015 00016 00483
N-095.....	00196
N-100.....	00016 00209 00319
N-105.....	00048
N-105 to N-145.....	00571
N-110.....	00028
N-110 to N-140.....	00387
N-120 to N-225.....	00660
N-130.....	00483 00484
N-140.....	00195
N-140 to N-150.....	00209
N-140 to N-175.....	00168
N-140 to N-185.....	00686
N-145.....	00048 00058 00089 00196
	00284 00586 00587 00588
N-145 to N-235.....	00455
N-145 to N-730.....	00060
N-150.....	00221
N-150 to N-170.....	00319
N-155.....	00203
N-160.....	00284
N-165 to N-730.....	00502
N-170.....	00284
N-170 to N-350.....	00198
N-170 to N-730.....	00036 00304 00577 00670
N-170 to N-830.....	00099
N-175.....	00284
N-175 to N-305.....	00446
N-175 to N-730.....	00338
N-180.....	00284
N-180 to N-225.....	00209
N-185.....	00284
N-200.....	00220
N-200 to N-240.....	00037
N-205.....	00089 00195 00196 00220
	00221 00686
N-210.....	00089 00196 00217
N-215.....	00414
N-215 to N-235.....	00611
N-220.....	00196 00343 00411
N-225.....	00015 00016 00018 00089
	00195 00196 00203 00220
	00221 00252 00280 00284
	00299 00380 00414 00556
	00567 00569 00586 00587
	00588 00686

N-225 to N-730.....	00049
N-230.....	00221
N-235.....	00203 00284 00586 00587
	00588 00686
N-235 to N-270.....	00119
N-235 to N-320.....	00383
N-240.....	00220
N-245.....	00058 00089 00209 00348
 N-245 to N-730.....	00109
N-250.....	00284 00683
N-250 to N-650.....	00282
N-255.....	00089 00195 00196 00220
	00221 00348
N-260.....	00056 00128
N-260 to N-560.....	00320
N-265.....	00102
N-270.....	00195 00196 00556
N-270 to N-730.....	00184
N-275.....	00015 00016 00089 00105
	00128 00187 00195 00196
	00203 00209 00220 00221
	00284 00348 00567 00586
	00587 00588 00686
N-280.....	00048 00217 00221
N-280 to N-350.....	00327
N-285.....	00089 00187
N-295 to N-315.....	00445
N-300 to N-400.....	00073
N-305.....	00057 00058 00089 00195
	00196 00220 00221 00557
	00558 00686
N-315 to N-365.....	00575
N-320.....	00034
N-320 to N-730.....	00674
N-330 to N-400.....	00308
N-330 to N-730.....	00017 00293 00298
N-335.....	00055 00557 00558
N-340 to N-390.....	00071
N-340 to N-640.....	00313
N-345 to N-730.....	00446
N-350.....	00027 00028 00072 00089
	00127 00133 00164 00194
	00208 00209 00216 00284
	00321 00332 00337 00348
	00349 00367 00402 00414
	00432 00452 00543 00560
	00561 00562 00564 00565
	00582 00586 00587 00588
	00615 00616 00617 00623
	00644 00669 00683 00686
	00736

N-350 to N-570.....	00141			
N-350 to N-730.....	00249	00310	00534	00537
	00567	00636		
N-355.....	00218	00355		
N-355 to N-375.....	00747			
N-355 to N-600.....	00679			
N-355 to N-640.....	00509	00510		
N-355 to N-730.....	00383			
N-375.....	00187	00284	00556	00645
	00684	00686		
N-380.....	00010	00015	00016	00027
	00028	00057	00058	00066
	00089	00128	00195	00196
	00203	00209	00217	00218
	00220	00221		
N-380 to N-410.....	00037			
N-385.....	00187			
N-390.....	00556			
N-390 to N-470.....	00182			
N-390 to N-500.....	00746			
N-395.....	00027	00209	00252	00284
	00287	00326	00351	00374
	00380	00429	00430	00454
	00556	00586	00587	00588
	00604	00645	00678	00686
	00733			
N-395 to N-455.....	00091			
N-395 to N-530.....	00583			
N-395 to N-645.....	00462			
N-395 to N-650.....	00093			
N-395 to N-730.....	00112	00240	00321	00384
	00414			
N-400.....	00034	00454	00644	00653
	00693	00714		
N-400 to N-530.....	00345			
N-405.....	00010	00016	00557	00558
	00560	00707		
N-405 to N-640.....	00273			
N-410.....	00015	00016	00560	
N-415.....	00010	00560	00707	00733
N-420.....	00288	00717		
N-420 to N-455.....	00634	00637		
N-420 to N-510.....	00433			
N-420 to N-650.....	00047			
N-425.....	00166	00181	00236	
N-425 to N-510.....	00074			
N-430.....	00010	00052	00064	00209
	00274	00277	00279	00285
	00288	00556	00560	00645
	00707			
N-430 to N-445.....	00166			

N-435.....	00010	00012	00015	00016
	00021	00025	00027	00038
	00041	00081	00084	00089
	00104	00132	00138	00165
	00169	00170	00185	00195
	00202	00203	00208	00213
	00217	00218	00220	00236
	00284	00285	00328	00335
	00346	00349	00400	00495
	00496	00546	00556	00565
	00569	00592	00604	00617
	00645	00684	00686	00693
	00694	00696	00697	00700
	00701	00702	00704	00707
	00712	00713	00716	00720
		00723		
N-435 to N-460.....	00125			
N-435 to N-540.....	00336			
N-435 to N-730.....	00389	00432		
N-440.....	00051	00196	00221	00266
	00363	00364	00396	00398
	00399	00559	00589	00645
		00652		
N-440 to N-460.....	00065	00212		
N-440 to N-480.....	00037			
N-440 to N-630.....	00688			
N-445.....	00038	00130	00285	00549
	00559	00576		
N-445 to N-460.....	00665			
N-445 to N-475.....	00445			
N-445 to N-560.....	00461			
N-450.....	00007	00009	00010	00014
	00015	00016	00020	00039
	00054	00104	00126	00145
	00146	00170	00172	00189
	00190	00206	00247	00252
	00285	00290	00299	00341
	00342	00353	00356	00360
	00366	00368	00452	00468
	00516	00559	00586	00587
	00588	00640	00689	00690
	00691	00692	00703	00705
	00707	00716		
N-450 to N-455.....	00667			
N-450 to N-460.....	00110	00415	00678	00732
N-450 to N-470.....	00748			
N-450 to N-475.....	00418			
N-450 to N-480.....	00303			
N-450 to N-530.....	00536			
N-450 to N-540.....	00068	00219	00411	
N-450 to N-560.....	00311	00312		
N-450 to N-620.....	00308			

N-450 to N-700.....	00367			
N-450 to N-730.....	00082	00276	00621	00741
 N-455.....	00005	00015	00016	00019
	00022	00023	00024	00025
	00026	00027	00040	00041
	00050	00055	00069	00083
	00085	00113	00123	00124
	00140	00143	00144	00162
	00166	00170	00181	00188
	00189	00203	00204	00205
	00209	00218	00237	00238
	00239	00241	00242	00243
	00244	00246	00250	00251
	00252	00254	00264	00274
	00277	00278	00279	00280
	00281	00283	00284	00285
	00287	00299	00302	00309
	00322	00324	00325	00326
	00330	00331	00339	00349
	00354	00356	00361	00367
	00378	00380	00392	00401
	00404	00413	00417	00428
	00431	00436	00440	00441
	00448	00450	00458	00463
	00466	00520	00528	00530
	00531	00535	00546	00556
	00560	00562	00563	00564
	00565	00566	00568	00569
	00572	00574	00582	00584
	00585	00586	00587	00588
	00590	00622	00625	00626
	00629	00632	00638	00643
	00644	00645	00647	00648
	00657	00662	00671	00676
	00684	00686	00693	00707
	00708	00712	00715	00716
	00718	00720	00721	00723
	00733	00734	00736	00739
	00745	00747	00750	00751
 N-455 to N-465.....	00106	00202	00329	00394
	00599	00600	00673	
N-455 to N-470.....	00201	00362		
N-455 to N-475.....	00006			
N-455 to N-480.....	00391			
N-455 to N-540.....	00680			
N-455 to N-545.....	00092			
N-455 to N-560.....	00119			
N-455 to N-640.....	00272			

N-455 to N-655.....	00393
N-455 to N-730.....	00263 00267 00268 00270
	00539 00619 00754
N-460.....	00023 00024 00028 00061
	00088 00101 00111 00120
	00121 00134 00135 00142
	00150 00170 00214 00218
	00285 00359 00369 00371
	00373 00374 00375 00427
	00591 00595 00604 00606
	00607 00608 00716
N-460 to N-480.....	00035
N-460 to N-540.....	00381
N-460 to N-730.....	00596
N-465.....	00015 00016 00183 00203
	00252 00285 00385 00586
	00587 00588 00633 00716
	00718 00727
N-470.....	00053 00087 00170 00265
	00469 00495 00499 00705
N-470 to N-540.....	00091
N-475.....	00013 00015 00016 00023
	00024 00028 00041 00054
	00170 00203 00208 00242
	00252 00274 00350 00556
	00559 00560 00586 00587
	00588 00711 00713 00714
	00719 00720 00749
N-485.....	00170 00285 00586 00587
	00588 00720
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	00200 00203 00235 00285
	00324 00326 00339 00451
	00684 00698 00705 00707
	00711 00713 00714 00719
	00720
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	00025 00027 00041 00081
	00105 00170 00195 00196
	00209 00217 00218 00220
	00221 00284 00348 00349
	00367 00382 00385 00402
	00495 00496 00556 00560
	00562 00564 00565 00568
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	00645 00684 00686 00693
	00695 00699 00707 00708
	00716 00717 00719 00720
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	00707	00708	00713	00714
	00717	00719	00720	00738
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	00209	00495	00544	00546
	00564	00565	00592	00686
	00693	00699	00706	00709
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N-520 to N-550.....	00497	00498		
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	00698	00703	00707	00708
	00711	00713	00714	00717
	00719	00720		
N-530.....	00024	00025	00026	00040
	00041	00055	00108	00133
	00144	00202	00203	00204
	00205	00239	00241	00242
	00243	00244	00252	00254
	00285	00302	00309	00349
	00373	00374	00377	00380
	00382	00402	00436	00544
	00546	00549	00556	00564
	00565	00568	00574	00576
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	00133	00170	00356	00495
	00496	00546	00586	00587
	00588	00592	00701	00705

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	00167 00203 00252 00254
	00324 00325 00326 00356
	00455 00520 00708 00717
	00739 00740
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	00705 00708 00711
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	00574 00698 00705 00711
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	00556 00560 00672 00698
	00703 00705 00707 00708
	00711 00713 00714 00716
	00717 00718 00719
N-585.....	00010 00556 00707
N-590.....	00015 00016 00556 00559
	00707
N-595.....	00015 00016 00133 00203
	00252 00309 00323 00452
	00560 00564 00574 00684
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	00716 00719
N-600.....	00167 00565 00707
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N-605.....	00559 00698 00707 00708
	00711 00713 00714 00717
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	00560 00561 00564 00565
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	00274 00287 00315 00322
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	00574 00586 00587 00588
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N-640.....	00010 00015 00016 00166
	00556 00560 00564 00565
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	00285 00339 00520 00586
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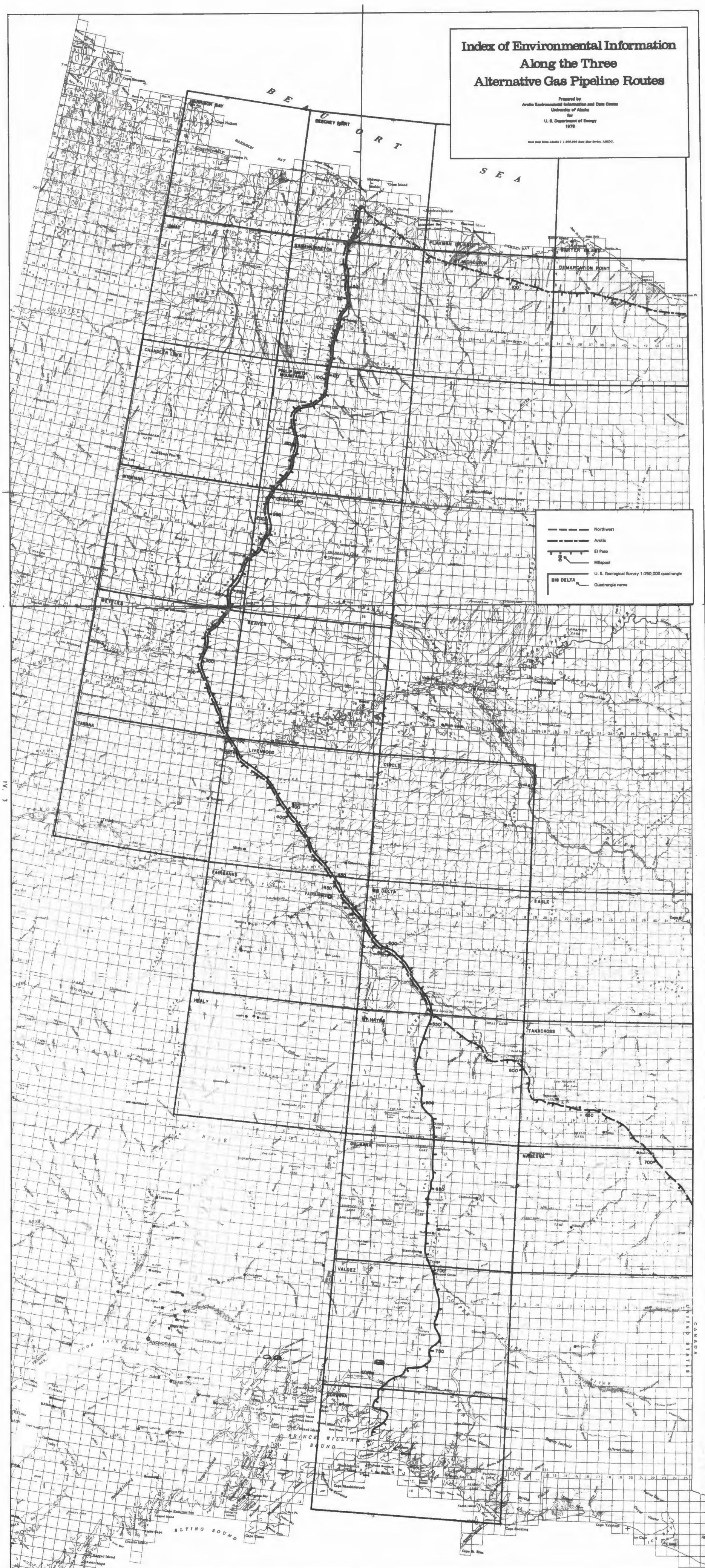
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IV. Maps

**Index of Environmental Information
Along the Three
Alternative Gas Pipeline Routes**

Prepared by
Arctic Environmental Information and Data Center
University of Alaska
for
U.S. Department of Energy
1978

Base map from Alaska 1:250,000 State Map Series, ANGDC.



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	600	695		

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	206	212	214	215
	264	278	288	299
	314	328	329	336
	342	343	371	376
	387	396	442	444
	448	456	608	611
	641	733		
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<i>Alnus incana</i>	68	142	214	264
	265	329	376	427
	428	444		
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<i>Alnus sp.</i>	65	71	.91	92
	109	166	328	329
	336	401	469	531
	577	600	604	636
	638	648	670	
<i>Alnus tenuifolia</i>	109	112	183	215
	442	727		
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	232	233	376	456
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<i>Anas americana</i>	44	439		
<i>Anas carolinensis</i>	32	387	439	490
<i>Anas clypeata</i>	44	439		
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<i>Anemone multifida</i>	299	376	611	
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<i>Anemone parviflora</i>	147 376	233 456	291 611	299
<i>Anemone patens</i>	329	611	733	
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<i>Antennaria alaskana</i>	291	456	611	
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	227	228	232	233
	319	376	456	477
	611	733		
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	376	611		
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<i>Arctostaphylos alpina</i>	112	147	232	254
	291	329	343	376
	387	395	456	611
	636			
<i>Arctostaphylos rubra</i>	232	233	299	376
	465	477	611	
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		611		595
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				733
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				611
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				291 611
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	420	439	464	597
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<i>Astarte alaskensis</i>	489			
<i>Aster ciliatus</i>	456			
<i>Aster junceus</i>	291			
<i>Aster junciformis</i>	376			
<i>Aster sibiricus</i>	112	147	183	233
	264	291	299	319
	376	444	456	611
 <i>Aster sp</i>	232			
<i>Asterella lindenbergiana</i>	733			
<i>Asterionella formosa</i>	361			
<i>Asterionella sp</i>	187	211	598	
<i>Astragalus aboriginum</i>	376	456	611	
<i>Astragalus adsurgens</i>	376			
<i>Astragalus alpinus</i>	147	147	233	291
	299	376	444	456
	595	611		
<i>Astragalus americanus</i>	376			
<i>Astragalus bodinii</i>	376			
<i>Astragalus eucosmus</i>	376	611		
<i>Astragalus falciferus</i>	731			
<i>Astragalus frigidus</i>	291			
<i>Astragalus linearis</i>	611			
<i>Astragalus nutzotinensis</i>	147	376		
<i>Astragalus polaris</i>	611			
<i>Astragalus robbinsii</i>	376			
<i>Astragalus sp</i>	183	232	307	
<i>Astragalus tenellus</i>	147			
<i>Astragalus umbellatus</i>	147	226	227	233
	376	456	611	
 <i>Astragalus viciifolius</i>	493			
<i>Astragalus williamsii</i>	141	376		
<i>Astur atricapillus</i>	724			
<i>Atheresthes stomias</i>	489			
<i>Atherix sp</i>	33	469	599	600
 <i>Athripsodes sp</i>	469			
<i>Athyrium filix-femina</i>	139	329	641	
<i>Atopsyche sp</i>	284			
<i>Atrichopogon peregrinus</i>	469			
<i>Attheyella illinoiensis</i>	284			
<i>Attheyella nordenskioldii</i>	284			
<i>Aturus sp</i>	284			
<i>Audouinella sp</i>	187			
<i>Aulacomnium acuminatum</i>	233			

<i>Aulacomnium palustre</i>	233 328	240 456	254 476	264 733
<i>Aulacomnium sp</i>	474			
<i>Aulacomnium turgidum</i>	254	456	733	
<i>Autogneta sp</i>	483			
<i>Axotomonas fluorescens</i>	392			
<i>Aythya affinis</i>	439			
<i>Aythya marila</i>	32 464	44	387	439
<i>Aythya sp</i>	420	636		
<i>Azotobacter agillis</i>	392			
<i>Azotobacter chroococcum</i>	392			
<i>Azotobacter indicus</i>	392			
<i>Azotomonas insolila</i>	392			
<i>Bacillariophyceae</i>	187			
<i>Baetidae</i>	37	105	187	
<i>Baetis bicaudatus</i>	26			
<i>Baetis sp</i>	105 599	187 600	284 695	401
<i>Balaena mysticetus</i>	319			
<i>Balanus cariosa</i>	490			
<i>Balanus glandula</i>	490			
<i>Banksiola sp</i>	200			
<i>Barbarea orthoceras</i>	376	444		
<i>Barbiliophozia barbata</i>	456			
<i>Basommatophora sp</i>	187			
<i>Batrachosperma sp</i>	600			
<i>Bdella sp</i>	483			
<i>Beckmannia erucaeformis</i>	183	376	444	
<i>Beckmannia syzigachne</i>	299	611		
<i>Beraeia sp</i>	105			
<i>Beraeidae</i>	105			
<i>Betula alaskana</i>	293			
<i>Betula alba</i>	112			
<i>Betula glandulosa</i>	12 147 299 336 456 636	18 206 300 343 477 637	59 215 314 442 539 679	129 254 328 444 611 734
<i>Betula kenaica</i>	679			

<i>Betula nana</i>	59	68	71	166
183	206	328	342	
371	376	384	385	
387	442	444	456	
469	474	476	480	
483	577	600	611	
635	637	648	733	
<i>Betula occidentalis</i>	376	456		
<i>Betula papyrifera</i>	12	39	45	65
68	91	94	109	
110	111	120	123	
129	138	145	146	
182	183	193	206	
212	215	237	239	
240	245	264	265	
278	288	298	299	
328	336	342	343	
369	371	375	376	
395	396	427	428	
440	442	444	448	
456	469	531	539	
577	600	608	635	
638	648	670	741	
<i>Betula pubescens</i>	112			
<i>Betula resinifera</i>	71	142	329	384
	611	636	637	733
<i>Betula rotundifolia</i>	141	383		
<i>Betula</i> sp.....	84	102	247	368
	370	401	454	472
	479	724		
<i>Betula verrucosa</i>	112			
<i>Bezzia</i> sp.....	248			
<i>Bison bison</i>	376	386	630	724
<i>Bison priscus</i>	732			
<i>Bison</i> sp.....	436	590		
<i>Blechnum spicant</i>	139			
<i>Blepharostoma trichophyllum</i>	233	456		
<i>Boletus</i> sp.....	110			
<i>Boloria chariclea</i>	229	483		
<i>Boloria frigga</i>	229			
<i>Boloria improba</i>	483			
<i>Boloria napaea</i>	229			
<i>Boloria polaris</i>	229			
<i>Bombycidae</i>	636			
<i>Bombycilla garrulus</i>	120			

<i>Bonasa umbellus</i>	65 373	120 375	125 549	183 637
<i>Boreogadus saida</i>	421			
<i>Boreozetes</i> sp.....	483			
<i>Bos</i> sp.....	732			
<i>Boschniakia rossica</i>	291 444	299 456	329 611	376
<i>Bosmina coregoni</i>	211			
<i>Bosmina</i> sp.....	284	484		
<i>Botaurus lentiginosus</i>	420			
<i>Botrychium boreale</i>	376	611		
<i>Botrychium lunaria</i>	291 444	299 611	329 456	376 600
<i>Boykinia richardsonii</i>	57 376	147 456	233 611	299
<i>Brachycentridae</i>	105	187		
<i>Brachycentrus americanus</i>	284	284	469	
<i>Brachycentrus</i> sp.....	33 284	105 600	187	284
<i>Brachyptera</i> sp.....	33 469	105 599	187 600	284 695
<i>Brachyramphus marmoratus</i>	490			
<i>Brachythecium calcareum</i>	264			
<i>Brachythecium salebrosum</i>	733			
<i>Brachythecium turgidum</i>	456			
<i>Branta canadensis</i>	32 439	44 490	387 597	420 637
	638			
<i>Branta nigricans</i>	32 597	44 742	420	439
<i>Brassica rapa</i>	376			
<i>Braya glabella</i>	611			
<i>Braya humilis</i>	291	376	456	
<i>Braya pilosa</i>	226	233		
<i>Braya purpurascens</i>	147	233	456	
<i>Braya</i> sp.....	227	232		
<i>Brillia</i> sp.....	105 600	284 695	469	599
	638			
<i>Bromus ciliatus</i>	376			
<i>Bromus inermis</i>	57	376		
<i>Bromus pumpellianus</i>	57 291 444	76 299 456	147 376 611	233 376
	638			
<i>Bromus secalinus</i>	376			
<i>Bromus</i> sp.....	183			
<i>Bronium inermis</i>	145			
<i>Bryales</i> sp.....	288			
<i>Bryocamptus cuspidatus</i>	284			
<i>Bryocamptus hiatus</i>	284			
<i>Bryocamptus zschorkei</i>	284			
<i>Bryoerythrophyllum recurvirostrum</i>	456	733		
<i>Bryum argenteum</i>	456			
<i>Bryum pallescens</i>	233			

<i>Bryum pseudotriquetrum</i>	456			
<i>Bryum</i> sp.	227			
<i>Bryum stenotrichum</i>	233			
<i>Bryum wrightii</i>	233	456		
<i>Bubo virginianus</i>	65	145	146	373
	375			
<i>Bucephala</i> sp.	636			
<i>Buellia alboatra</i>	233			
<i>Buellia papillata</i>	233			
<i>Bufo boreas</i>	184	602		
<i>Bulbochaete</i> sp.	187			
<i>Bupleurum americanum</i>	147	291	299	611
	733			
<i>Bupleurum triradiatum</i>	376	456		
<i>Buteo jamaicensis</i>	65	145	146	
<i>Buteo lagopus</i>	32	44	145	387
	724			
<i>Buteo swainsoni</i>	145			
<i>Caborius</i> sp.	26			
<i>Calamagrostis canadensis</i>	71	109	112	120
	139	145	166	183
	240	254	264	265
	288	298	299	343
	375	376	427	444
	456	600	611	636
	641	679		
<i>Calamagrostis deschampsoides</i>	139			
<i>Calamagrostis inexpansa</i>	166	228	376	611
<i>Calamagrostis lapponica</i>	376			
<i>Calamagrostis neglecta</i>	147	319	376	
<i>Calamagrostis nutkaensis</i>	291	376		
<i>Calamagrostis purpurascens</i>	291	376	456	611
	733			
<i>Calamagrostis</i> sp.	141	329	384	385
	454	480	637	670
<i>Calaneis</i> sp.	187			
<i>Calcarius lapponicus</i>	32	44	314	387
	420	439	594	597
<i>Calcarius pictus</i>	387	420	464	
<i>Calidris alba</i>	44			
<i>Calidris alpina</i>	44	439		
<i>Calidris bairdii</i>	44	439		
<i>Calidris leucophaea</i>	597			
<i>Calidris mauri</i>	44			
<i>Calidris melanotos</i>	44	439		

<i>Calidris pusilla</i>	44	439		
<i>Calla palustris</i>	235	376	444	
<i>Calliergon giganteum</i>	233	456		
<i>Calliergon orgicularicordatum</i>	233			
<i>Calliergon richardsonii</i>	227	233		
<i>Calliergon sarmentosum</i>	233			
<i>Calliergon sp.</i>	476			
<i>Calliergon trifarium</i>	233			
<i>Callitricha anceps</i>	376			
<i>Callitricha hermaphroditica</i>	376	444		
<i>Callitricha verna</i>	291	376		
<i>Callorhinus ursinus</i>	319			
<i>Calonesis alpestris</i>	469			
<i>Calonesis ventricosa</i>	469			
<i>Caloplaca cinnamomea</i>	233			
<i>Caloplaca discolor</i>	233			
<i>Caloplaca splendens</i>	456			
<i>Caloplaca stillicidiorum</i>	233			
<i>Caltha natans</i>	71	376	595	
<i>Caltha palustris</i>	147	183	227	233
	291	376	456	
<i>Calypogeia neesiana</i>	456			
<i>Calypso bulbosa</i>	329			
<i>Camelops sp.</i>	732			
<i>Camisia sp.</i>	483			
<i>Campanula aurita</i>	376			
<i>Campanula lasiocarpa</i>	139	291	299	376
	611	679	733	
<i>Campanula uniflora</i>	147	233	376	456
<i>Campsicnemus nigripes</i>	229			
<i>Camptocercus sp.</i>	284			
<i>Campylium stellatum</i>	227	233	456	
<i>Canachites canadensis</i>	65	112	125	278
	373	375	637	
<i>Candelariella aurella</i>	233			
<i>Candelariella xanthostigma</i>	233			
<i>Cania sp.</i>	284			
<i>Canis familiaris</i>	145			
<i>Canis latrans</i>	58	71	145	307
	319	376	386	490
	610	637	732	
<i>Canis lupus</i>	5	6	32	58
	71	145	168	219
	230	231	307	319
	334	376	381	386
	437	453	464	610
	634	638	639	732
<i>Canis pambasileus</i>	637			

<i>Capella gallinago</i>	44	120	387	439
<i>Capella pelicata</i>	637			
<i>Capnia confusa</i>	31			
<i>Capnia</i> sp.....	26	105		
<i>Capsella bursa-pastoris</i>	291	376	444	611
<i>Carabidae</i>	105			
<i>Cardamine bellidifolia</i>	376	456	611	
<i>Cardamine digitata</i>	227	233	477	
<i>Cardamine hyperborea</i>	456			
<i>Cardamine microphylla</i>	456			
<i>Cardamine pratensis</i>	147	226	227	232
	233	291	299	376
	444	456	611	
<i>Cardamine purpurea</i>	376	611		
<i>Cardamine richardsonii</i>	147	611		
<i>Cardamine</i> sp.....	226			
<i>Cardamine umbellata</i>	291			
<i>Cardiocladius</i> sp.....	187	599	600	
<i>Cardium corbis</i>	489			
<i>Cardium</i> sp.....	489			
<i>Carex aenea</i>	376			
<i>Carex amblyorhyncha</i>	376	456		
<i>Carex angarae</i>	291	299		
<i>Carex aquatilis</i>	57	147	226	227
	229	232	233	235
	291	299	319	343
	376	387	395	456
	476	480	577	611
<i>Carex arcta</i>	376			
<i>Carex athacea</i>	233			
<i>Carex atherodes</i>	376			
<i>Carex athrostachya</i>	595			
<i>Carex atratiformis</i>	376			
<i>Carex atrofusca</i>	147	226	227	233
	376	456	611	
<i>Carex atrosquama</i>	291			
<i>Carex aurea</i>	147	291	376	
<i>Carex bicolor</i>	376			
<i>Carex bigelowii</i>	147	226	227	233
	254	376	456	476
	477	479	611	
<i>Carex bonanzensis</i>	376			
<i>Carex brunnescens</i>	291	299	376	
<i>Carex buxbaumii</i>	376			
<i>Carex canescens</i>	291	376	444	595
	611			

<i>Carex capillaris</i>	147	291	299	376
	456	477	611	
<i>Carex capitata</i>	299	376	456	611
<i>Carex chordorrhiza</i>	387			
<i>Carex concinna</i>	240	291	376	456
	611			
<i>Carex crawfordii</i>	376	444		
<i>Carex deflexa</i>	376			
<i>Carex diandra</i>	376	595	611	
<i>Carex dioica</i>	376			
<i>Carex disperma</i>	291	376	444	
<i>Carex eburnea</i>	376			
<i>Carex eleusinoides</i>	376			
<i>Carex filifolia</i>	376			
<i>Carex franklinii</i>	376			
<i>Carex garberi</i>	376	611		
<i>Carex glacialis</i>	147	291	376	456
	733			
<i>Carex glareosa</i>	147			
<i>Carex gynocrates</i>	291	456	611	
<i>Carex hepburnii</i>	291			
<i>Carex kelloggii</i>	319	376		
<i>Carex kokrinensis</i>	611			
<i>Carex krausei</i>	376			
<i>Carex lachenalii</i>	291	376	611	
<i>Carex lapponica</i>	376			
<i>Carex lasiocarpa</i>	235	376		
<i>Carex leptalea</i>	291	376	611	
<i>Carex limosa</i>	291	376	456	611
<i>Carex livida</i>	456			
<i>Carex loliacea</i>	376			
<i>Carex lugens</i>	291	319	343	376
	456	594	611	
<i>Carex macloviana</i>	291	376		
<i>Carex macrochaeta</i>	456			
<i>Carex magellanica</i>	376			
<i>Carex marina</i>	226	233		
<i>Carex maritima</i>	147	233	456	
<i>Carex media</i>	376	444	456	595
	611			
<i>Carex membranacea</i>	147	226	232	233
	291	299	376	456
	477	611		
<i>Carex mertensii</i>	76			
<i>Carex microchaeta</i>	376	456	611	

<i>Carex microglochin</i>	376	611		
<i>Carex misandra</i>	147	226	227	233
	319	376	456	477
<i>Carex nardina</i>	147	376	456	611
<i>Carex nesophila</i>	291	376		
<i>Carex obtusata</i>	376	611		
<i>Carex oederi</i>	376			
<i>Carex pauciflora</i>	525			
<i>Carex petricosa</i>	376	456		
<i>Carex phyllomanica</i>	376			
<i>Carex physocarpa</i>	147	291	319	611
<i>Carex podocarpa</i>	291	319	376	611
<i>Carex praegracilis</i>	395			
<i>Carex praticola</i>	291	376		
<i>Carex rariflora</i>	226	233	376	456
<i>Carex rhynchophysa</i>	376			
<i>Carex rossii</i>	376			
<i>Carex rostrata</i>	235	291	299	376
	444	611		
<i>Carex rotundata</i>	147	227	235	299
	376	611		
<i>Carex rupestris</i>	147	226	227	232
	233	376	456	611
<i>Carex saxatilis</i>	226	233	376	456
<i>Carex scirpoidea</i>	147	226	227	232
	233	299	376	456
	477	611		
<i>Carex sp.</i>	68	71	139	141
	149	166	183	206
	224	248	254	300
	305	307	314	328
	336	342	371	384
	444	454	478	482
	483	539	635	636
	637	641	724	734
<i>Carex stenophylia</i>	376			
<i>Carex stylosa</i>	299	376	611	
<i>Carex supina</i>	291	299	376	611
<i>Carex tenuiflora</i>	376			
<i>Carex ursina</i>	233			
<i>Carex vaginata</i>	147	233	291	376
	444	456	477	611

<i>Carex williamsii</i>	291	376		
<i>Cassiope</i> sp.....	637			
<i>Cassiope tetragona</i>	18	147	224	226
	227	232	233	299
	314	376	420	456
	477	479	611	
<i>Castilleja annua</i>	376			
<i>Castilleja caudata</i>	376	444	456	
<i>Castilleja elegans</i>	444			
<i>Castilleja hyperborea</i>	376	611	733	
<i>Castilleja pallida</i>	147	147	291	299
	595	611		
<i>Castor canadensis</i>	58	183	219	334
	376	386	590	632
	634	635	636	637
	638	656	724	
<i>Catharus minimus</i>	120			
<i>Catharus ustulatus</i>	120			
<i>Catoptrophorus semipalmatus</i>	439			
<i>Catoscopium nigritum</i>	233	456		
<i>Catostomus catostomus</i>	11	23	24	26
	27	40	41	46
	71	156	157	159
	160	161	177	185
	198	219	335	338
	345	352	354	393
	394	400	426	499
	598	600	698	713
	714	715	716	717
	721	722		
<i>Cecidomyiidae</i>	105			
<i>Centropilum</i> sp.....	105	695		
<i>Centroptilium</i> sp.....	33	599	600	
<i>Centroptilum</i> sp.....	284			
<i>Cephaloziella arctica</i>	233			
<i>Cephaloziella rubella</i>	733			
<i>Cephanomyia nasalis</i>	383			
<i>Cephus columba</i>	490			
<i>Cerastium beeringianum</i>	147	226	227	232
	233	291	299	376
	456	611		
<i>Cerastium earlei</i>	291			
<i>Cerastium glomeratum</i>	611			
<i>Cerastium maximum</i>	376	456		
<i>Cerastium</i> sp.....	166			
<i>Cerastium viscosum</i>	299			
<i>Ceratium fusus</i>	488			
<i>Ceratium hirundinella</i>	469			
<i>Ceratium</i> sp.....	43	211	598	
<i>Ceratodon heterophyllus</i>	733			
<i>Ceratodon purpureus</i>	109	112	233	240
	264	733		

<i>Ceratodon</i> sp.....	288			
<i>Ceratoneis</i> arcus.....	600			
<i>Ceratophyllum</i> demersum.....	14			
<i>Ceratopogonidae</i>	37	105	187	600
<i>Ceratoppia</i> microseta.....	483			
<i>Ceratoppia</i> quadridentata.....	483			
<i>Ceriodaphnia</i> pulchella.....	395			
<i>Certhia</i> familiaris.....	278			
<i>Cervalces</i> sp.....	732			
<i>Cetraria</i> alpestris.....	679			
<i>Cetraria</i> chrysantha.....	56	679		
<i>Cetraria</i> commixta.....	456			
<i>Cetraria</i> cucullata.....	56	232	233	328
	383	456	474	476
	477	679		
<i>Cetraria</i> delisei.....	233			
<i>Cetraria</i> ericetorum.....	232			
<i>Cetraria</i> hepatizon.....	56			
<i>Cetraria</i> islandica.....	56	112	232	233
	254	328	456	474
	477	679		
<i>Cetraria</i> laevigata.....	56	456		
<i>Cetraria</i> nigricans.....	56			
<i>Cetraria</i> nivalis.....	56	112	233	456
	477	679		
<i>Cetraria</i> pinastri.....	56	456	679	
<i>Cetraria</i> richardsonii.....	233	456	476	477
<i>Cetraria</i> salpincola.....	679			
<i>Cetraria</i> scholanderi.....	56			
<i>Cetraria</i> sp.....	454	478		
<i>Cetraria</i> tilesii.....	56	233	456	477
<i>Chaetoceros</i> sp.....	488			
<i>Chaetocladius</i> sp.....	284			
<i>Chaetophoraceae</i>	187			
<i>Chamaecyparis</i> nootkatensis.....	215	442	525	577
<i>Chamaedaphne</i> calyculata.....	18	109	146	254
	291	299	300	343
	376	442	444	456
	539	611	637	733
<i>Chandonanthos</i> setiformis.....	456			
<i>Chantransicaceae</i>	187			
<i>Chaoborus</i> sp.....	395			
<i>Chara</i> delicatula.....	611			
<i>Chara</i> globularis.....	235			

<i>Chara</i> sp.....	211	451		
<i>Charadrius semipalmatus</i>	32	44	314	387
	420			
<i>Charitonetta albeola</i>	637			
<i>Chen caerulescens</i>	44			
<i>Chen hyperborea</i>	32	597		
<i>Chenopodiceae</i> sp.....	376			
<i>Chenopodium album</i>	299	611		
<i>Chenopodium capitatum</i>	146	291	299	376
	595			
<i>Chenopodium rubrum</i>	444			
<i>Chilopods</i>	105			
<i>Chimarra</i> sp.....	105	695		
<i>Chionocetes bairdi</i>	489			
<i>Chiridota</i> sp.....	489			
<i>Chironomidae</i>	105	187	209	316
	598			
<i>Chironomus anthracinus</i>	105			
<i>Chironomus</i> sp.....	31	33	200	284
	451	470	672	
<i>Chlamydomonas</i> sp.....	14	468	672	
<i>Chlorella</i> sp.....	14	361	468	600
<i>Chlorococcales</i>	187			
<i>Chloroperlidae</i>	105	187		
<i>Chlorophycea</i>	187			
<i>Chlorophyta</i>	187			
<i>Chlorotheciaceae</i>	187			
<i>Choristoneura conflictana</i>	251			
<i>Chorthippus curtipennis</i>	55			
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<i>Chroococcales</i>	187			
<i>Chroococcus</i> sp.....	469			
<i>Chrysanthemum arcticum</i>	248			
<i>Chrysanthemum integrifolium</i>	147	226	227	232
	233	456	477	611
<i>Chrysomelidae</i>	105			
<i>Chrysomonadales</i>	187			
<i>Chrysomyxa arctostaphyli</i>	93			
<i>Chrysomyxa pirolata</i>	450			
<i>Chrysophyceae</i>	187			
<i>Chrysophyta</i>	187			
<i>Chrysosplenium tetrandrum</i>	147	233	376	444
<i>Chrysosplenium wrightii</i>	376	611		
<i>Chydorus</i> sp.....	284			
<i>Cicadellidae</i>	105			
<i>Cicuta mackenzieana</i>	376	444		

<i>Cicuta maculata</i>	235			
<i>Cinclidium arcticum</i>	233	456		
<i>Cinclidium latifolium</i>	233			
<i>Cinclus mexicanus</i>	219			
<i>Cinygma</i> sp.....	105	695		
<i>Cinygmula</i> sp.....	26	33	105	187
	284	600	695	
<i>Circaeа alpina</i>	595			
<i>Circus cyaneus</i>	146	387		
<i>Cirriphyllum cirrosum</i>	233	456		
<i>Citellus parryi</i>	5	386	590	724
 <i>Citellus undulatus</i>	58	230	231	307
	453			
 <i>Claassenia</i> sp.....	284			
<i>Cladina alpestris</i>	456			
<i>Cladina mitis</i>	456			
<i>Cladina rangiferina</i>	477			
<i>Cladina</i> sp.....	477			
<i>Cladocera</i>	209			
<i>Cladonia acuminata</i>	56			
<i>Cladonia alpestris</i>	56	112	232	254
	328			
<i>Cladonia amaurocraea</i>	56	233	264	456
	679			
<i>Cladonia arbuscula</i>	232	328		
<i>Cladonia baccilliformis</i>	56			
<i>Cladonia bacillaris</i>	264			
<i>Cladonia bellidiflora</i>	112	383		
<i>Cladonia botrytes</i>	56			
<i>Cladonia cariosa</i>	112			
<i>Cladonia coccifera</i>	56	112	240	679
 <i>Cladonia coniocraea</i>	264			
<i>Cladonia cornuta</i>	56	112	240	
<i>Cladonia cornutoradiata</i>	56			
<i>Cladonia crispata</i>	112			
<i>Cladonia cylindrica</i>	240			
<i>Cladonia deformis</i>	56	112		
<i>Cladonia degenerans</i>	112	240		
<i>Cladonia furcata</i>	56	112		
<i>Cladonia gracilis</i>	56	112	240	264
	679			
<i>Cladonia lepidota</i>	233			
<i>Cladonia macilenta</i>	264			
<i>Cladonia mitis</i>	112			
<i>Cladonia phyllophora</i>	456			
<i>Cladonia pocillum</i>	233			
<i>Cladonia pyxidata</i>	56	264	456	
<i>Cladonia rangiferina</i>	56	112	232	254

<i>Cladonia rangiferina</i>	328	679		
<i>Cladonia</i> sp.....	109	139	336	454
	469	477	539	600
	637	648		
<i>Cladonia squamosa</i>	233			
<i>Cladonia subfurcata</i>	233			
<i>Cladonia sylvatica</i>	112	254	383	679
<i>Cladonia sylvestris</i>	254			
<i>Cladonia uncialis</i>	112	232		
<i>Cladonia verticillata</i>	112			
<i>Cladophora</i> sp.....	600			
<i>Cladotanytarsus</i> sp.....	469			
<i>Cladothamnus pyrolaeflorus</i>	442	525		
<i>Clangula hyemalis</i>	32	44	314	387
	420	439	464	490
	526	637	724	742
<i>Clavaria</i> sp.....	110			
<i>Claytonia acutifolia</i>	456			
<i>Claytonia sarmentosa</i>	291	299	376	456
	611			
<i>Claytonia scammiana</i>	376			
<i>Claytonia tuberosa</i>	376			
<i>Clethrionomys dawsoni</i>	191			
<i>Clethrionomys gapperi</i>	376			
<i>Clethrionomys rutilus</i>	58	162	168	278
	307	319	373	375
	376	386	481	531
	589	590	591	636
	638			
<i>Clethrionomys</i> sp.....	637			
<i>Clevea hyalina</i>	233			
<i>Clinotanypus</i> sp.....	200			
<i>Closterium</i> sp.....	187	469	600	
<i>Clunio</i> sp.....	284			
<i>Cnephia borealis</i>	272			
<i>Cnephia emergens</i>	599			
<i>Cnephia mutata</i>	272			
<i>Cnephia pallipes</i>	272			
<i>Cnidaria</i>	187			
<i>Cnidium cnidiifolium</i>	376	444		
<i>Cocconeis placentula</i>	469			
<i>Cocconeis</i> sp.....	187	488	600	
<i>Cochlearia officinalis</i>	233			
<i>Celosphaerium</i> sp.....	598			
<i>Coenonympha mixturata</i>	483			
<i>Colaptes auratus</i>	120	387		
<i>Coleoptera</i>	105	187	209	316
	368	398	400	636

<i>Colias hecla</i>	229			
<i>Colias nastes</i>	229	483		
<i>Colias thula</i>	229			
<i>Collema bachmanianum</i>	233			
<i>Collema tunaeforme</i>	233			
<i>Collembola</i>	105	209	368	
<i>Collomia linearis</i>	595			
<i>Colpodium fulvum</i>	235			
<i>Columba livia</i>	65			
<i>Colymbus auritus</i>	637	724		
<i>Colymbus griseogena</i>	637			
<i>Colymbus</i> sp.....	637			
<i>Comandra livida</i>	240			
<i>Compositae</i>	636			
<i>Conioselinum cnidiifolium</i>	147	299	329	611
	733			
<i>Constempellina</i> sp.....	284			
<i>Contopus sordidulus</i>	120			
<i>Contracaecum</i> sp.....	210			
<i>Copepoda</i>	105	209	211	598
<i>Coplis trifolia</i>	139			
<i>Coptis aspleniifolia</i>	525			
<i>Corallorrhiza trifida</i>	291	376	444	611
<i>Coregonus autumnalis</i>	27	28	208	316
	421	426	719	753
<i>Coregonus clupeaformis</i>	157	160	177	178
	180	316	338	598
<i>Coregonus cylindraceus</i>	345	393	399	400
<i>Coregonus laurettae</i>	27	28	198	393
	716			
<i>Coregonus nasus</i>	27	185	198	208
	316	393	421	426
	715	716	717	753
<i>Coregonus nelsoni</i>	696			
<i>Coregonus pidschian</i>	24	26	27	170
	185	198	208	426
	600	694	719	720
	721			
<i>Coregonus sardinella</i>	23	24	26	27
	71	167	170	185
	198	208	316	338
	393	421	426	600
	694	696	698	715
	716	717	720	722

<i>Coregonus</i> sp.....	28	71	159	170
	335	426	720	
<i>Corixa</i> sp.....	200			
<i>Corixidae</i>	26	187	209	
<i>Cornicularia aculeata</i>	56	233	456	
<i>Cornicularia divergens</i>	56	233		
<i>Cornicularia normoerica</i>	456			
<i>Cornus canadensis</i>	68	146	166	183
	206	240	254	264
	278	291	299	328
	329	342	371	375
	376	444	469	525
	539	600	638	679
<i>Cornus</i> sp.....	139			
<i>Cornus stolonifera</i>	183	299	376	442
<i>Corvus caurinus</i>	490			
<i>Corvus corax</i>	32	44	65	120
	125	146	168	219
	253	278	314	373
	387	420	439	464
	490	597		
<i>Corydalis aurea</i>	376	456	595	
<i>Corydalis pauciflora</i>	376	611		
<i>Corydalis sempervirens</i>	288	291	329	376
	444			
<i>Corynoneura</i> sp.....	105	187	284	695
<i>Cościnodiscaceae</i>	187			
<i>Coscinodiscus oculus-iridis</i>	488			
<i>Cosmarium</i> sp.....	187	469		
<i>Cottidae</i>	37	209		
<i>Cottus aleuticus</i>	103			
<i>Cottus cognatus</i>	11	198	219	316
	335	338	354	393
	394	398	400	425
	426	598	600	713
	715	716	721	722
<i>Cottus</i> sp.....	37	71	345	426
	717			
<i>Couesius plumbeus</i>	28	198	208	698
	720	722		
<i>Craga resima</i>	489			
<i>Crago communis</i>	489			
<i>Crago intermedia</i>	489			
<i>Cratichneumon</i> sp.....	91			
<i>Cratoneuron arcticum</i>	233			
<i>Cratoneuron falcatum</i>	733			
<i>Cratoneuron filicinum</i>	233			

<i>Crepidostomum farionis</i>	598			
<i>Crepis elegans</i>	291			
<i>Crepis nana</i>	147	291	299	456
	611			
<i>Crepis tectorum</i>	595			
<i>Cricoipus</i> sp.....	187			
<i>Cricotopus</i> sp.....	31	33	43	105
	284	469	600	
<i>Crionomus</i> sp.....	33			
<i>Cristivomer namaycush</i>	338	464	659	
<i>Crocethia alba</i>	314	387		
<i>Crucigenia</i> sp.....	600			
<i>Crustacea</i>	105	187		
<i>Cryptochironomus</i> sp.....	43	105	469	
<i>Cryptoglaux funerea</i>	125	373		
<i>Cryptogramma stelleri</i>	376	611		
<i>Cryptomonas</i> sp.....	187			
<i>Cryptomonidales</i>	187			
<i>Cryptomonodaceae</i>	187			
<i>Cryptophyceae</i>	187			
<i>Crytochironomous digitatus</i>	200			
<i>Cryum cryophilum</i>	456			
<i>Ctenidium molluscum</i>	233			
<i>Ctenodiscus crispatus</i>	489			
<i>Cucumaria lubrica</i>	489			
<i>Culicidae</i>	105	636		
<i>Culicoides alaskensis</i>	246	248		
<i>Culicoides biguttatus</i>	272			
<i>Culicoides cockerelli</i>	246			
<i>Culicoides obsoletus</i>	246	248	272	
<i>Culicoides tristriatulus</i>	246	248	272	
<i>Culicoides unicolor</i>	246	248		
<i>Culicoides yukonensis</i>	246	248	272	
<i>Cyanocitta stelleri</i>	490			
<i>Cyanophyta</i>	187			
<i>Cyathocephalus truncatus</i>	717			
<i>Cyclopidae</i>	105			
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<i>Cyclops exilis</i>	284			
<i>Cyclops scutifer</i>	395			
<i>Cyclops</i> sp.....	211			
<i>Cyclops venustus</i>	284			
<i>Cyclops vernalis</i>	284			
<i>Cyclotella glomerata</i>	469			
<i>Cyclotella</i> sp.....	488			
<i>Cygnus columbianus</i>	44			
<i>Cylindrocapsa</i> sp.....	187			
<i>Cymbella cistula</i>	469			
<i>Cymbella fluminea</i>	469			
<i>Cymbella latens</i>	469			

<i>Cymbella sinuata</i>	469			
<i>Cymbella</i> sp.....	187	600		
<i>Cymbella tasmanensis</i>	469			
<i>Cymbella ventricosa</i>	469			
<i>Cymbellaceae</i>	187			
<i>Cyperaceae</i>	232			
<i>Cypripedium guttatum</i>	291	299	444	
<i>Cypripedium passerinum</i>	299	376	611	
<i>Cyrtomnium hymenophylloides</i>	233	456		
<i>Cystidicola stigmatura</i>	210			
<i>Cystopteris fragilis</i>	139	291	299	376
	444	456	611	
<i>Cystopteris montana</i>	291	376	611	
<i>Cyta</i> sp.....	483			
<i>Cytospora chrysoperma</i>	93			
<i>Dactylina arctica</i>	226	232	233	456
	476			
<i>Dactylina ramulosa</i>	56	233		
<i>Dactylina</i> sp.....	224			
<i>Dafila acuta</i>	597	637	724	
<i>Dallia pectoralis</i>	185	338	426	
<i>Danthonia spicata</i>	731			
<i>Daphnia longiremus</i>	211			
<i>Daphnia longirostris</i>	484			
<i>Daphnia magna</i>	117			
<i>Daphnia middendorffiana</i>	395	484		
<i>Daphnia pulex</i>	484			
<i>Daphnia schodleri</i>	395			
<i>Daphnia</i> sp.....	43			
<i>Dasiphora fruticosa</i>	141			
<i>Dasycorixa</i> sp.....	600			
<i>Dasycottus setiger</i>	489			
<i>Dasyhelea</i> sp.....	33	248		
<i>Dasyneura canadensis</i>	450	607		
<i>Dasyneura rachiphaga</i>	450	607		
<i>Debarya</i> sp.....	469			
<i>Delphacidae</i>	105			
<i>Delphacodes</i> sp.....	105			
<i>Delphinapterus leucas</i>	319	334		
<i>Delphinium brachycentrum</i>	147	376	456	
<i>Delphinium glaucum</i>	278	329	376	456
	595	611		
<i>Delphinium scopulorum</i>	291	299		
<i>Demichryptochironomous</i> sp.....	200			
<i>Dendrocoptes pubescens</i>	278			
<i>Dendrocoptes villosus</i>	120	278		
<i>Dendroctonus simplex</i>	93			
<i>Dendroica coronata</i>	120	278		
<i>Dendroica magnolia</i>	597			
<i>Dendroica petechia</i>	120	490		
<i>Dendroica striata</i>	120			

<i>Dendroica townsendi</i>	120	278		
<i>Denticula tenuis</i>	469			
<i>Dermatocarpon intestiniforme</i>	56			
<i>Dermatocarpon rivulorum</i>	56			
<i>Deschampsia brevifolia</i>	456			
<i>Deschampsia caespitosa</i>	147	228	233	291
	299	376	456	476
 <i>Deschampsia</i> sp.....	76	329	336	
<i>Descurainia richardsonii</i>	376			
<i>Descurainia sophia</i>	291	376		
<i>Descurainia sophioides</i>	376	611		
<i>Desmatodon heimii</i>	233			
<i>Desmatodon leucostoma</i>	233			
<i>Desmidiaceae</i>	187			
<i>Deuterophlebia</i> sp.....	33			
<i>Deuterophlebiidae</i>	284			
<i>Diamesa cinerella</i>	284			
<i>Diamesa latitarsis</i>	284			
<i>Diamesa longimanus</i>	600			
<i>Diamesa nivoriunda</i>	284			
<i>Diamesa</i> sp.....	26	31	33	105
	187	200	284	469
 <i>Diamesa steinbockii</i>	284			
<i>Diamesini</i> sp.....	31			
<i>Diapensia lapponica</i>	376	456	611	733
 <i>Diapensia obovata</i>	299			
<i>Diaphanosoma leuchtenbergianum</i>	395			
<i>Diapterobates</i> sp.....	483			
<i>Diaptomus franciscanus</i>	284			
<i>Diaptomus probilofensis</i>	395			
<i>Diaptomus</i> sp.....	211	470	672	717
 <i>Diatoma hiemale</i>	469			
<i>Diatoma</i> sp.....	187	600		
<i>Diatoma tenue</i>	469			
<i>Diatoma vulgare</i>	469			
<i>Diatomaceae</i>	187			
<i>Dicosmoecus</i> sp.....	284			
<i>Dicranella crispa</i>	233			
<i>Dicranella subulata</i>	733			
<i>Dicranota</i> sp.....	26	187	284	599
 <i>Dicranoweisia crispula</i>	456			
<i>Dicranum acutifolium</i>	456			
<i>Dicranum angustum</i>	233			
<i>Dicranum bergeri</i>	112	733		

<i>Dicranum drummondii</i>	240			
<i>Dicranum elongatum</i>	233	456	476	
<i>Dicranum fuscescens</i>	240	254	264	278
<i>Dicranum majus</i>	112			
<i>Dicranum muehlenbeckii</i>	456			
<i>Dicranum muhlenbeckii</i>	733			
<i>Dicranum scoparium</i>	456			
<i>Dicranum</i> sp.....	139	232	328	608
<i>Dicranum undulatum</i>	733			
<i>Dicronota</i> sp.....	600			
<i>Dicrostonyx groenlandicus</i>	58	168	230	307
	319	373	386	453
	481	594		
<i>Dicrotendipes</i> sp.....	200	284		
<i>Dictanum fuscescens</i>	112			
<i>Didymodon asperifolius</i>	233			
<i>Didymosphenia geminata</i>	469	600		
<i>Dina</i> sp.....	200			
<i>Dinobryon</i> sp.....	187	598	600	
<i>Dinychus</i> sp.....	483			
<i>Diplocladius</i> sp.....	105	469		
<i>Diploneis oblongella</i>	469			
<i>Diploneis</i> sp.....	600			
<i>Diptera</i>	105	187	209	210
	368	398	400	598
<i>Dirofilaria scapiceps</i>	146			
<i>Discosmoecus</i> sp.....	26			
<i>Discurainia sophioides</i>	299			
<i>Dissosteira carolina</i>	55			
<i>Distichium capillaceum</i>	227	233	456	
<i>Distichium hagenii</i>	233			
<i>Distichium inclinatum</i>	233			
<i>Ditrichum flexicaule</i>	233	456		
<i>Dkosmoecus</i> sp.....	284			
<i>Dodecatheon frigidum</i>	147	291	376	456
	611			
<i>Dodecatheon pulchellum</i>	376			
<i>Dolichopodidae</i>	37	105		
<i>Dolichopus aldrichii</i>	229			
<i>Dolichopus consanguineus</i>	229			
<i>Dolichopus eudactylus</i>	229			
<i>Dolichopus humilis</i>	229			
<i>Dolichopus obcordatus</i>	229			
<i>Dolichopus occidentalis</i>	229			
<i>Dolichopus plumipes</i>	229			
<i>Dolichopus ramifer</i>	229			

<i>Dolichopus</i> sp.....	469	600		
<i>Douglasia arctica</i>	376			
<i>Douglasia gormani</i>	376			
<i>Draba alpina</i>	226	227	232	233
	456			
<i>Draba aurea</i>	291	376		
<i>Draba borealis</i>	611			
<i>Draba caesia</i>	376			
<i>Draba cinerea</i>	233	376	611	
<i>Draba corymbosa</i>	233	456		
<i>Draba crassifolia</i>	291	376		
<i>Draba densifolia</i>	376			
<i>Draba eschscholtzii</i>	376			
<i>Draba fladnizensis</i>	291	456	611	
<i>Draba glabella</i>	291	299	611	
<i>Draba hirta</i>	376			
<i>Draba lactea</i>	233	376	456	
<i>Draba lanceolata</i>	376			
<i>Draba longipes</i>	611			
<i>Draba macrocarpa</i>	376			
<i>Draba nemorosa</i>	376			
<i>Draba nivalis</i>	611			
<i>Draba palouderiana</i>	456			
<i>Draba praealta</i>	376			
<i>Draba pseudopilosa</i>	147	611		
<i>Draba</i> sp.....	147	226		
<i>Draba stenoloba</i>	291	376		
<i>Draba stenopertala</i>	376			
<i>Dracocephalum parviflorum</i>	376	595		
<i>Draparnaldia</i> sp.....	600			
<i>Drepanocladus badius</i>	233			
<i>Drepanocladus exannulatus</i>	18	233		
<i>Drepanocladus lycopodioides</i>	233			
<i>Drepanocladus revolvens</i>	233	456		
<i>Drepanocladus</i> sp.....	14	476	478	
<i>Drepanocladus uncinatus</i>	233	240	264	456
	476	733		
<i>Drosera rotundifolia</i>	139	166	254	291
	376			
<i>Dryas alaskensis</i>	611			
<i>Dryas drummondii</i>	291	299	376	456
	611			
<i>Dryas integrifolia</i>	147	224	226	227
	229	232	233	299
	376	420	456	477
	478	611		
<i>Dryas octopetala</i>	147	232	291	299
	305	376	387	456
	476	477	482	483
	611	724		
<i>Dryas</i> sp.....	307	314	370	384
	420	472	636	

Dryas sylvatica.....	611			
Dryobates villosus.....	373			
Dryopteris austriaca.....	291	329	611	
Dryopteris dilatata.....	376			
Dryopteris disjuncta.....	240			
Dryopteris fragrans.....	291	299	376	456
	733			
Dryopteris linnaeana.....	291	299	329	733
 Dryopteris phegopteris.....	291			
Dryopteris robertiana.....	611			
Dupontia fischeri.....	147	226	227	232
	233	319	456	476
 Dupontia sp.....	637			
Dytiscidae.....	187	284		
Ecclisomyia conspersa.....	31			
Ecclisomyia sp.....	33	600		
Echinopanax horridum.....	139			
Edmundsius sp.....	600			
Einfeldia sp.....	200			
Eiplobium angustifolium.....	336			
Elaeagnus commutata.....	166	376	442	
Eleginus gracilis.....	489			
Eleocharis acicularis.....	376	444		
Eleocharis palustris.....	235	376	395	444
	595	611		
Eleocharis quinqueflora.....	376	444		
Eleocharis sp.....	470	672		
Eleocharis uniglumis.....	376			
Elephas primigenius.....	732			
Elymus arenarius.....	139	232	233	456
	641			
Elymus innovatus.....	147	291	299	376
	444	611		
Elymus mollis.....	232			
Elymus sibiricus.....	76			
Empetrum nigrum.....	112	139	146	147
	166	183	240	254
	299	300	314	328
	329	376	384	442
	444	456	477	479
	539	604	605	611
	636	641	679	724
	734			
Empetrum sp.....	465	637		
Empididae.....	37	105	209	284
 Empidonax alnorum.....	120			
Empidonax hammondi.....	120	278		
Enallagma boreale.....	294			
Encalypta alpina.....	233			
Encalypta longicolla.....	733			

Encalypta procera.....	233			
Encalypta rhaftocarpa.....	233			
Encalypta vulgaris.....	233			
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Enteromorpha sp.....	490			
Entomobrya sp.....	284			
Entomophthora sp.....	91			
Entosphenus lamottei.....	393			
Entosphenus sp.....	71	338	345	354
	394			
Eobrachychthonius sp.....	483			
Epeorus sp.....	33	599		
Ephemerella doddsi.....	26	600		
Ephemerella infrequens.....	600			
Ephemerella sp.....	33	105	187	284
	401	469	599	600
	695			
Ephemerellidae.....	187			
Ephemerida sp.....	210			
Ephemeroptera.....	105	187	209	316
	368	398	399	400
	401			
Epidamaeus sp.....	483			
Epilobium adenocaulon.....	139	376	444	595
	611			
Epilobium anagallidifolium.....	376			
Epilobium angustifolium.....	68	71	112	146
	166	183	206	240
	264	278	288	291
	298	299	328	329
	342	343	371	376
	444	469	600	611
	636	733		
Epilobium davuricum.....	291	376		
Epilobium hornemannii.....	291	376		
Epilobium latifolium.....	139	147	183	233
	291	299	376	395
	456	611		
Epilobium leptocarpum.....	31			
Epilobium palustre.....	146	376	444	595
	611			
Epilobium sp.....	375			
Epithemia sp.....	187			
Eptesicus fucus.....	71			
Equisetum arvense.....	139	145	146	147
	233	240	264	299
	343	376	444	456
	600	604	611	636
	733			
Equisetum fluviatile.....	299	444		

<i>Equisetum limosum</i>	235	291	395	604
	611	636	638	
<i>Equisetum multiflora</i>	456			
<i>Equisetum palustre</i>	291	299	376	456
	611			
<i>Equisetum pratense</i>	240	264	265	278
	288	299	329	376
	427	428	444	604
	636			
<i>Equisetum scirpoides</i>	233	240	291	444
	456	611		
<i>Equisetum sylvaticum</i>	120	254	264	291
	328	376	444	456
<i>Equisetum sp</i>	18	68	71	141
	149	166	183	206
	232	307	319	342
	371	375	448	454
	465	469	483	604
	636			
<i>Equisetum variegatum</i>	139	147	226	227
	232	233	265	291
	299	427	428	444
	456	477	482	611
	724	733		
<i>Equus caballus</i>	732			
<i>Erebia fasciata</i>	229			
<i>Erebia rossii</i>	229	483		
<i>Erebia youngii</i>	483			
<i>Eremaeus sp</i>	483			
<i>Eremophila alpestris</i>	387	420		
<i>Erythizon dorsatum</i>	58	65	168	183
	278	319	376	386
	481	590		
<i>Erythizon epizanthum</i>	188			
<i>Ereunetes mauri</i>	490			
<i>Ereunetes pusillus</i>	32	314	420	597
<i>Erigeron acris</i>	291	376	444	611
<i>Erigeron alaskanus</i>	611			
<i>Erigeron angulosus</i>	299			
<i>Erigeron caespitosus</i>	376			
<i>Erigeron elatus</i>	291	299	376	
<i>Erigeron eriocephalus</i>	147	233	376	456
<i>Erigeron glabellus</i>	291	376	444	
<i>Erigeron grandiflorus</i>	376			
<i>Erigeron humilis</i>	147	233	611	

<i>Erigeron hyperboreus</i>	456			
<i>Erigeron lonchophyllus</i>	299	376		
<i>Erigeron sp.</i>	336			
<i>Erigeron unalaschkensis</i>	291			
<i>Erignathus barbatus</i>	319			
<i>Erignethus barbatus</i>	334			
<i>Eriophorum angustifolium</i>	147	226	227	232
	233	291	299	314
	376	387	456	476
	477	480	577	594
	611			
<i>Eriophorum brachyantherum</i>	376	456	611	
<i>Eriophorum callitrix</i>	376	456	637	
<i>Eriophorum gracile</i>	376			
<i>Eriophorum medium</i>	299			
<i>Eriophorum opacum</i>	291	299		
<i>Eriophorum scheuchzeri</i>	147	226	232	233
	291	299	376	456
	476	595	611	
<i>Eriophorum sp.</i>	68	183	206	224
	300	305	307	328
	342	371	384	453
	464	472	483	539
	635	636	648	
<i>Eriophorum triste</i>	233	477		
<i>Eriophorum vaginatum</i>	147	166	226	227
	232	233	254	264
	314	319	336	343
	376	387	444	456
	474	476	477	478
	479	480	482	577
	611			
<i>Erioptera forcipata</i>	229			
<i>Erioptera kluane</i>	229			
<i>Eritrichium aretioides</i>	147	456	611	
<i>Eritrichium splendens</i>	147	376		
<i>Erolia alpina</i>	32	314	420	
<i>Erolia bairdii</i>	32	387		
<i>Erolia melanotos</i>	32	314	387	420
	464			
<i>Erolia minutilla</i>	32	387	420	
<i>Erysimum cheiranthoides</i>	299	376	444	595
	611			
<i>Erysimum inconspicuum</i>	376			
<i>Erysimum pallasii</i>	456	611		
<i>Esox lucius</i>	11	23	24	26
	27	40	41	71
	167	185	198	335

<i>Esox lucius</i>	338	345	349	354
	393	394	426	600
	698	705	711	713
	715	716	717	718
	719	721	753	
<i>Euarctos americanus</i>	145			
<i>Euarctos</i> sp.....	656			
<i>Euastraphsis richteri</i>	469			
<i>Euastrum</i> sp.....	187			
<i>Eubothrium salvelini</i>	598			
<i>Eucapnopsis</i> sp.....	284			
<i>Euchytraeidae</i>	600			
<i>Euglena</i> sp.....	14	361	468	
<i>Euglenophyta</i>	187			
<i>Eukiefferiella bavarica</i>	284			
<i>Eukiefferiella cyanea</i>	284			
<i>Eukiefferiella</i> sp.....	105	187	284	469
	695			
<i>Eunotia curvata</i>	469			
<i>Eunotia praerupta</i>	469			
<i>Eunotia</i> sp.....	187	600		
<i>Eunotia tenella</i>	469			
<i>Eunotiaceae</i>	187			
<i>Euphagus carolinus</i>	120			
<i>Euphrasia disjuncta</i>	376			
<i>Euphrasia mollis</i>	299			
<i>Euphrasia subarctica</i>	299	595		
<i>Eupodes</i> sp.....	483			
<i>Eurhynchium pulchellum</i>	264	456	733	
<i>Erycercus</i> sp.....	284			
<i>Eurytemora composita</i>	284			
<i>Eusimulium aureum</i>	272			
<i>Eusimulium latipes</i>	272			
<i>Eusimulium pugetense</i>	272			
<i>Eutrema edwardsii</i>	226	233	376	456
	477	611		
<i>Evernia mesomorpha</i>	56	456		
<i>Evernia perfragilis</i>	233	456		
<i>Evotomys dawsoni</i>	188			
<i>Exosphaeroma oregonensis</i>	490			
<i>Falco columbarius</i>	597	724		
<i>Falco peregrinus</i>	32	65	387	
<i>Falco rusticolus</i>	32	65	168	314
	387			
<i>Falco sparverius</i>	120	724		
<i>Fauria crista-galli</i>	139			
<i>Felis</i> sp.....	732			
<i>Feltria</i> sp.....	284			
<i>Festuca altaica</i>	109	240	254	291
	376	444	456	611
	733			
<i>Festuca baffinensis</i>	227	233	376	

<i>Festuca brachyphylla</i>	147	233	291	376
	444	456	611	
<i>Festuca ovina</i>	112	319	456	
<i>Festuca rubra</i>	147	228	232	233
	299	376	456	611
 <i>Festuca saximontana</i>	376			
<i>Festuca</i> sp.....	183			
<i>Fiscozetes sellnicki</i>	483			
<i>Fissidens adiantoides</i>	233			
<i>Fissidens osmundoides</i>	233	456		
<i>Folsomia</i> sp.....	284			
<i>Fomes igniarius</i>	240			
<i>Fontinalis</i> sp.....	469			
<i>Forcipomyia</i> sp.....	248			
<i>Fragaria virginiana</i>	376	444		
<i>Fragaria yukonensis</i>	299			
<i>Fragilaria capucina</i>	469			
<i>Fragilaria constricta</i>	469			
<i>Fragilaria construens</i>	469			
<i>Fragilaria pinnata</i>	469			
<i>Fragilaria</i> sp.....	14	187	469	600
 <i>Fragilaria vaucheriae</i>	469			
<i>Fragilaria virescens</i>	469			
<i>Fragiliaceae</i>	187			
<i>Frenesia</i> sp.....	284			
<i>Freunetes mauri</i>	387			
<i>Frustulia rhomboides</i>	469			
<i>Frustulia</i> sp.....	187			
<i>Frustulia vulgaris</i>	469			
<i>Fucus distichus</i>	490			
<i>Fucus</i> sp.....	139	248		
<i>Fulglesia bracteata</i>	233			
<i>Funaria arctica</i>	233			
<i>Funaria polaris</i>	233			
<i>Fungivoridae</i>	105			
<i>Galerucella</i> sp.....	200			
<i>Galium boreale</i>	183	264	278	291
	299	329	376	444
	611	636		
<i>Galium brandegei</i>	291			
<i>Galium</i> sp.....	18	166		
<i>Galium trifidum</i>	291	376	444	595
	611			
<i>Galium triflorum</i>	291	376		
<i>Gamasellus</i> sp.....	483			
<i>Gammarus lacustris</i>	200	395		
<i>Gammarus</i> sp.....	26	470	672	721
 <i>Gasterosteidae</i>	209			

<i>Gasterosteus aculeatus</i>	103				
<i>Gastropoda</i>	187	209			
<i>Gavia adamsii</i>	32	44	387	439	
	464	597			
<i>Gavia arctica</i>	32	44	314	387	
	420	439	464	526	
 <i>Gavia immer</i>	387				
<i>Gavia pacifica</i>	597				
<i>Gavia stellata</i>	32	44	314	387	
	420	439	490	526	
	597				
<i>Gentiana aleutica</i>	291				
<i>Gentiana algida</i>	376				
<i>Gentiana barbata</i>	376				
<i>Gentiana glauca</i>	147	291	376	456	
	611	733			
<i>Gentiana procera</i>	291				
<i>Gentiana propinqua</i>	147	299	376	456	
	611				
<i>Gentiana prostrata</i>	147	233	291	299	
	611				
<i>Gentianella propinqua</i>	233				
<i>Geocaulon lividum</i>	146	166	254	278	
	291	299	328	329	
	376	444	611	733	
 <i>Geophilomorpha</i> sp.....	105				
<i>Geranium bicknellii</i>	376				
<i>Geranium erianthum</i>	139	254	291	376	
 <i>Geratoneis arcus</i>	600				
<i>Geum calthifolium</i>	525				
<i>Geum glaciale</i>	147	456	611		
<i>Geum macrophyllum</i>	299	376	444		
<i>Geum rossii</i>	456				
<i>Glaucionetta clangula</i>	637	724			
<i>Glaucionetta islandica</i>	724				
<i>Glaucous sabrinus</i>	58	278	376	386	
	531	591	638	640	
 <i>Glaux maritima</i>	248				
<i>Glenodinium</i> sp.....	14				
<i>Gloeocapsa</i> sp.....	361				
<i>Gloeocystis</i> sp.....	187				
<i>Glossiphonia camplanata</i>	259				
<i>Glossiphonia mullissimi</i>	259				
<i>Glossiphonia rudis</i>	259				
<i>Glossiphonia</i> sp.....	200				
<i>Glossosoma intermedium</i>	31				
<i>Glossosoma</i> sp.....	187	284			
<i>Glyceria borealis</i>	235	376			
<i>Glyceria grandis</i>	299				
<i>Glyceria maxima</i>	183	376	444	595	

<i>Glyceria pulchella</i>	376			
<i>Glyceria</i> sp.....	71			
<i>Glyptocephalus zachirus</i>	489			
<i>Gomphonema angustatum</i>	469			
<i>Gomphonema intricatum</i>	469			
<i>Gomphonema</i> sp.....	187	600		
<i>Gomphonema ventricosum</i>	469			
<i>Gomphonemataceae</i>	187			
<i>Gongrosira</i> sp.....	469			
<i>Gonyaulax</i> sp.....	488			
<i>Goodyera repens</i>	240	264	291	444
 Gracillariidae.....	105			
<i>Gramineae</i>	68	328	636	
<i>Grammatophora</i> sp.....	488			
<i>Grampus rectipinna</i>	490			
<i>Grimmia alpicola</i>	456			
<i>Grimmia apocarpa</i>	233			
<i>Grimmia tenuicaulis</i>	733			
<i>Grus canadensis</i>	32	44	120	314
	439	597		
<i>Gryllus arcticus</i>	483			
<i>Gulo gulo</i>	58	333	386	642
 <i>Gulo hylaenus</i>	637			
<i>Gulo luscus</i>	71	168	307	319
	334	376	453	634
 <i>Guttipelopia</i> sp.....	469			
<i>Gyalecta foveolaris</i>	233			
<i>Gymnocarpium dryopteris</i>	166	376	444	
<i>Gymnocarpium robertianum</i>	264			
<i>Gymnocerata</i> sp.....	105			
<i>Gymnodinium</i> sp.....	361			
<i>Gymnopais dichopticus</i>	284			
<i>Gymnopternus californicus</i>	229			
<i>Gymnostomum recurvirostrum</i>	733			
<i>Gyraulus</i> sp.....	200	284	598	
<i>Habenaria hyperborea</i>	291			
<i>Habenaria obtusata</i>	291	299		
<i>Habenaria</i> sp.....	299			
<i>Haemaphysalis leporis-palustris</i>	145	146		
<i>Haematomma lapponicum</i>	456			
<i>Haematopota</i> sp.....	600			
<i>Haematopus bachmani</i>	490			
<i>Haemogamasus alaskensis</i>	483			
<i>Haliaeetus leucocephalus</i>	219	387	490	
<i>Halichondria</i> sp.....	489			
<i>Halimolobus mollis</i>	376			
<i>Haliplidae</i>	600			

<i>Halobisium occidentale</i>	490			
<i>Halosaccion glandiforme</i>	490			
<i>Hannaea arcus</i>	469			
<i>Hantzschia amphioxys</i>	469			
<i>Harelda hyemalis</i>	597			
<i>Harnischia sp.</i>	200			
<i>Hastaperla sp.</i>	33	284		
<i>Hedwigia ciliata</i>	733			
<i>Hedysarum alpinum</i>	147	291	299	376
	456	611		
<i>Hedysarum mackenzii</i>	141	147	299	376
	456	611	733	
<i>Hedysarum sp.</i>	149	183	465	
<i>Heleidae</i>	284			
<i>Helius sp.</i>	105	284		
<i>Helobdella sp.</i>	200			
<i>Helodidae</i>	33			
<i>Helodium blandowii</i>	264			
<i>Helodromas solitarius</i>	597			
<i>Hemerodromia sp.</i>	599			
<i>Hemigrapsus nudis</i>	490			
<i>Hemigrapsus oregonensis</i>	490			
<i>Hemiptera</i>	105	187	209	210
	398	399	400	
<i>Hemitripterus bolini</i>	489			
<i>Henricia leviuscula</i>	489			
<i>Heptagenia elegantola</i>	600			
<i>Heptagenia sp.</i>	284	469	599	
<i>Heptageniidae</i>	37	105	187	284
<i>Heracleum lanatum</i>	291	299	376	
<i>Hesperoneo sp.</i>	489			
<i>Hesperophylax sp.</i>	600			
<i>Heterococcales</i>	187			
<i>Heterocope septentrionalis</i>	211	395		
<i>Heterocope sp.</i>	484			
<i>Heteroscelus incanus</i>	387	490		
<i>Heterotrichales</i>	187			
<i>Heterotrissocladius marcidus</i>	469			
<i>Heterotrissocladius sp.</i>	105	284	695	
<i>Hierochloe alpina</i>	291	319	376	456
	477	611		
<i>Hierochloe odorata</i>	291	376	611	
<i>Hierochloe pauciflora</i>	226	233	456	
<i>Hippoglossoides elassodon</i>	489			
<i>Hippuris vulgaris</i>	147	183	227	233
	235	376	444	456
	611			
<i>Hirudinea</i>	187	598		
<i>Histrionicus histrionicus</i>	32	387	490	
<i>Holorusia sp.</i>	284			
<i>Homoptera</i>	105	209		
<i>Honckenya peploides</i>	139			
<i>Hoplopsyllus glacialis</i>	146			
<i>Hordeum jubatum</i>	71	145	291	299
	336	343	376	444
	611			

<i>Hyallea azteca</i>	200			
<i>Hyas lyratus</i>	489			
<i>Hybopsis plumbea</i>	71	335	345	393
	426			
<i>Hybopsis</i> sp.....	713	717		
<i>Hydnum</i> sp.....	110			
<i>Hydra</i> sp.....	187	211		
<i>Hydracarina</i>	33	105	187	398
	399			
<i>Hydridae</i>	187			
<i>Hydrobaenus</i> sp.....	599			
<i>Hydroida</i> sp.....	187			
<i>Hydrophilidae</i>	105			
<i>Hydrophorus fumipennis</i>	229			
<i>Hydrophorus gratiosus</i>	229			
<i>Hydrophorus signiterus</i>	229			
<i>Hydrophorus sodalis</i>	229			
<i>Hydroporinae</i>	105			
<i>Hydropsyche</i> sp.....	187	284		
<i>Hydropsychidae</i>	187			
<i>Hydroptilidae</i>	187			
<i>Hydrozoa</i>	187	209		
<i>Hydruraceae</i>	187			
<i>Hydrurus</i> sp.....	31	187		
<i>Hygrobates</i> sp.....	284			
<i>Hylocichla minima</i>	464			
<i>Hylocomium alaskanum</i>	638			
<i>Hylocomium proliferum</i>	733			
<i>Hylocomium</i> sp.....	166	288	608	
<i>Hylocomium splendens</i>	109	232	233	240
	254	264	278	328
	336	448	456	
<i>Hymenoptera</i>	105	209	368	398
	400			
<i>Hypnum bamgergeri</i>	233			
<i>Hypnum callichroum</i>	233			
<i>Hypnum crista-castrensis</i>	254			
<i>Hypnum cypressiforme</i>	233			
<i>Hypnum procerrimum</i>	233			
<i>Hypnum revolutum</i>	233			
<i>Hypnum</i> sp.....	166	227	539	
<i>Hypnum vaucheri</i>	233	733		
<i>Hypogastrura nivicolus</i>	284			
<i>Hypogymnia physodes</i>	233	456		
<i>Hypogymnia subobscura</i>	456			
<i>Icmadophila ericetorum</i>	112	456		
<i>Ilyodrilus</i> sp.....	200			
<i>Insecta</i>	105	187		

<i>Iridoprocne bicolor</i>	597				
<i>Iris setosa</i>	291	299	376	444	
	525				
<i>Iron santa-gabriel</i>	600				
<i>Iron</i> sp.	284				
<i>Ironodes</i> sp.	33	469	600		
<i>Ironopsis</i> sp.	284				
<i>Isocapnia</i> sp.	105	695			
<i>Isoetes muricata</i>	444				
<i>Isoetes</i> sp.	235				
<i>Isogenus</i> sp.	284	599	600		
<i>Isoperia</i> sp.	105				
<i>Isoperla marilyn</i>	600				
<i>Isoperla signata</i>	600				
<i>Isoperla</i> sp.	26	33	469	599	
	695				
<i>Isoperla transmarina</i>	600				
<i>Isopterygium pulchellum</i>	456				
<i>Isotoma viridis</i>	284				
<i>Isotomidae</i>	105				
<i>Isotomus</i> sp.	469				
<i>Ixoreus naevius</i>	120	278	636		
<i>Junco hyemalis</i>	120	278	597		
<i>Juncoides campestris</i>	679				
<i>Juncus albescens</i>	611				
<i>Juncus alpinus</i>	299	376	444		
<i>Juncus arcticus</i>	147	233	376	456	
<i>Juncus articulatus</i>	444				
<i>Juncus balticus</i>	291	299	456	611	
<i>Juncus biglumis</i>	147	226	227	232	
	233	291	376	456	
	477	611			
<i>Juncus bufonius</i>	291	299	376		
<i>Juncus castaneus</i>	147	233	291	299	
	376	456	611		
<i>Juncus filiformis</i>	376	595			
<i>Juncus</i> sp.	183				
<i>Juncus tenuis</i>	376				
<i>Juncus triglumis</i>	147	233	291	376	
	456	611			
<i>Jungermannia cordifolia</i>	733				
<i>Juniperus communis</i>	291	299	376	442	
	456	611	733		
<i>Juniperus horizontalis</i>	442				
<i>Kalmia polifolia</i>	300	539			

<i>Kellicottia longispina</i>	211			
<i>Kellicottia</i> sp.....	598			
<i>Keratella</i> sp.....	598			
<i>Kobresia hyperborea</i>	147			
<i>Kobresia myosuroides</i>	147	226	233	376
	456	476		
<i>Kobresia sibirica</i>	233			
<i>Kobresia simpliciuscula</i>	147	376	611	
<i>Lagopus lagopus</i>	32	44	102	125
	168	314	370	373
	387	439	464	549
	597	606	610	724
<i>Lagopus leucurus</i>	370	549		
<i>Lagopus mutus</i>	32	44	168	314
	370	387	439	464
	549	610	724	
<i>Lagopus rupestris</i>	597			
<i>Lagopus</i> sp.....	307			
<i>Lagotis glauca</i>	147	232	233	376
	477			
<i>Laminaria groenlandica</i>	490			
<i>Lampetra japonica</i>	198	219	426	
<i>Lampetra lamottei</i>	600	715	716	
<i>Lampronetta fischeri</i>	32			
<i>Lanius borealis</i>	724			
<i>Lanius excubitor</i>	32	314	387	
<i>Lappula occidentalis</i>	376			
<i>Larix alaskensis</i>	293			
<i>Larix laricina</i>	39	45	47	68
	92	109	120	142
	206	215	264	291
	298	299	300	328
	336	342	369	375
	376	440	442	444
	448	469	531	539
	577	600	636	637
<i>Larus argentatus</i>	490	724		
<i>Larus brachyrhynchus</i>	597			
<i>Larus canus</i>	120	387	490	636
	637	724		
<i>Larus glaucescens</i>	295	490	664	
<i>Larus hyperboreus</i>	32	44	314	387
	420	439	597	742
<i>Larus philadelphia</i>	637			
<i>Larus</i> sp.....	219			
<i>Larus thayeri</i>	597			
<i>Lasiodiamesa</i> sp.....	187	284	469	
<i>Laspeyresia</i> sp.....	450			

<i>Laspeyresia youngana</i>	450	607		
<i>Lauterbornia coracine</i>	105	695		
<i>Lebertia</i> sp.....	284			
<i>Lecanora beringii</i>	233			
<i>Lecanora coilocarpa</i>	456			
<i>Lecanora epibryon</i>	233			
<i>Lecanora subfuscata</i>	456			
<i>Lecanora verrucosa</i>	233			
<i>Lecidea assimilata</i>	233			
<i>Lecidea</i> sp.....	456			
<i>Lecidea vernalis</i>	233			
<i>Ledermannia</i> sp.....	483			
<i>Ledum decumbens</i>	120	141	183	254
	264	328	442	476
	636	648	724	
<i>Ledum groenlandicum</i>	18	39	109	112
	120	138	141	146
	183	254	264	288
	291	299	300	328
	336	343	375	395
	442	539	611	637
	679			
<i>Ledum lapponicum</i>	376			
<i>Ledum palustre</i>	68	112	145	147
	166	254	300	314
	329	376	384	444
	456	469	474	477
	480	539	600	611
	679	733	734	
<i>Ledum</i> sp.....	18	206	342	371
	479	636	637	
<i>Lemmus sibericus</i>	230	478		
<i>Lemmus</i> sp.....	32			
<i>Lemmus trimucronatus</i>	58	168	307	319
	334	373	386	453
	481	594	636	
<i>Lemna minor</i>	376			
<i>Lemna trisulca</i>	376			
<i>Lepidium apetalum</i>	299			
<i>Lepidoptera</i>	105	209	316	368
	636			
<i>Lepidostoma</i> sp.....	33	316	600	600
<i>Lepidostomatidae</i>	37			
<i>Lepraria membranacea</i>	233			
<i>Leptinillus vallidus</i>	637			
<i>Leptobryum pyriforme</i>	233			
<i>Leptocella</i> sp.....	200			
<i>Leptoconops</i> sp.....	200			
<i>Leptocottus armatus</i>	103			
<i>Leptogium saturninum</i>	456			

<i>Leptogium tenuissimum</i>	233			
<i>Leptychaster anomalus</i>	489			
<i>Lepus americanus</i>	5	58	65	68
	110	145	146	162
	183	188	278	307
	319	334	373	375
	376	386	531	549
	590	604	610	636
	637	638		
<i>Lepus othus</i>	58	319	334	386
	549			
<i>Lesquerella arctica</i>	227	233	299	376
	611			
<i>Lestes disjunctus</i>	294			
<i>Leucorrhinia borealis</i>	294			
<i>Leucorrhinia hudsonica</i>	294			
<i>Libertia</i> sp.....	599	600		
<i>Liebstadia similis</i>	483			
<i>Ligusticum mutellinoides</i>	731	733		
<i>Limanda aspera</i>	489			
<i>Limnephilidae</i>	37	105	187	
<i>Limnephilus</i> sp.....	31	33	187	229
	284	600		
<i>Limnodromus scolopaceus</i>	44	314	387	420
	439			
<i>Limosa lapponica</i>	387	439		
<i>Linaria vulgaris</i>	299			
<i>Linnaea borealis</i>	31	68	112	146
	166	240	254	264
	291	299	328	329
	376	444	469	600
	611	638	679	733
<i>Linum lewisii</i>	299			
<i>Linum perenne</i>	376			
<i>Liochthonius</i> sp.....	483			
<i>Listera borealis</i>	291	376	611	
<i>Listera cordata</i>	240	525		
<i>Littorina sitkana</i>	490			
<i>Lloydia serotina</i>	147	227	233	376
	611			
<i>Lobaria linita</i>	232			
<i>Lobipes lobatus</i>	32	44	120	314
	420	439	490	597
	637			
<i>Loiseleuria procumbens</i>	291	376	611	679
	733			
<i>Lomatagonium rotatum</i>	299	376		
<i>Lopadium fecundum</i>	233			

<i>Lota lota</i>	11	23	24	27
	41	71	157	159
	160	167	177	178
	180	185	198	209
	316	338	345	354
	393	394	400	421
	426	598	600	698
	705	713	715	716
	717	719	721	722
	753			
<i>Lota maculosa</i>	659			
<i>Loxia curvirosta</i>	125			
<i>Loxia leucoptera</i>	253	373		
<i>Luetkea pectinata</i>	139			
<i>Lumbriculus sp.</i>	200			
<i>Lumpenus sagitta</i>	489			
<i>Lupinus arcticus</i>	147	183	232	254
	291	376	444	476
	611	636		
<i>Lupinus nootkatensis</i>	139	141	733	
<i>Lupinus sp.</i>	319			
<i>Luscinia svecica</i>	464			
<i>Lutra canadensis</i>	58	71	139	307
	319	334	376	386
	490	637		
<i>Luzula arctica</i>	226	233	376	477
	611			
<i>Luzula arcuata</i>	376	611		
<i>Luzula confusa</i>	147	291	376	476
	477	478	611	733
<i>Luzula japonica</i>	291			
<i>Luzula multiflora</i>	291	376		
<i>Luzula nivalis</i>	147			
<i>Luzula parviflora</i>	291	376	611	
<i>Luzula rufescens</i>	376			
<i>Luzula spicata</i>	291	376		
<i>Luzula sudetica</i>	611			
<i>Luzula tundricola</i>	376			
<i>Luzula wahlenbergii</i>	611			
<i>Lycaeides argyrogномон</i>	229			
<i>Lychnis apetala</i>	147			
<i>Lychnis furcata</i>	147			
<i>Lycodes brevipes</i>	489			
<i>Lycopodium alpinum</i>	291	611		
<i>Lycopodium annotinum</i>	112	166	240	254
	264	299	328	329
	444	611		
<i>Lycopodium clavatum</i>	291	299	328	329
	456	611	679	
<i>Lycopodium complanatum</i>	112	166	278	291
	299	328	329	444
	456	611	679	

<i>Lycopodium obscurum</i>	291			
<i>Lycopodium sabinaefolium</i>	139			
<i>Lycopodium selago</i>	147	291	299	456
	611			
<i>Lycopodium sp.</i>	18	183		
<i>Lymnaea arctica</i>	31			
<i>Lymnaea sp.</i>	200	598		
<i>Lyngbya sp.</i>	187			
<i>Lynx canadensis</i>	65	145	278	334
	376	386	490	634
	637			
<i>Lysiella obtusata</i>	146			
<i>Lysimachia thyrsiflora</i>	291			
<i>Lysitchitum americanum</i>	139			
<i>Macoma nasuta</i>	489			
<i>Macrocylops albidus</i>	395			
<i>Macrorhamphus griseus</i>	597			
<i>Malacobottus kincaidi</i>	489			
<i>Malanitta deglandi</i>	32			
<i>Malanitta perspicillata</i>	32			
<i>Mallomonas sp.</i>	14	468		
<i>Malus diversifolia</i>	215	442		
<i>Maraenobiotus insignipes</i>	284			
<i>Maraenobiotus sp.</i>	284			
<i>Marchantia alpestris</i>	233			
<i>Marchantia polymorpha</i>	109	112	233	240
	254	288	679	
<i>Marchantia sp.</i>	166			
<i>Mareca americana</i>	32	387	420	637
	638	724		
<i>Marila marila</i>	597			
<i>Marmota caligata</i>	5	58	168	319
	376	386	481	590
	642			
<i>Marmota monax</i>	58	376	386	
<i>Martes americana</i>	58	65	71	278
	376	386	490	531
<i>Mastodon americanus</i>	732			
<i>Matricaria matricarioides</i>	299	444	611	
<i>Medicago falcata</i>	141			
<i>Meesia triquetra</i>	233	456		
<i>Meesia uliginosa</i>	233	456		
<i>Megaceryle alcyon</i>	120			
<i>Megaloptera</i>	209			
<i>Megaselia sp.</i>	105			
<i>Megastigmus piceae</i>	450	607		
<i>Melandrium affine</i>	376	456		
<i>Melandrium apetalum</i>	226	227	232	291
	376	456		
<i>Melandrium macrospermum</i>	376	611		
<i>Melandrium ostenfeldii</i>	611			

<i>Melandrium soczavianum</i>	611			
<i>Melandrium</i> sp.....	226			
<i>Melandrium taimyrense</i>	376			
<i>Melandrium taylorae</i>	376	733		
<i>Melanitta deglandi</i>	314	387	439	490
	637			
<i>Melanitta perspicillata</i>	44	387		
<i>Melanoplus borealis</i>	55			
<i>Melanoplus bruneri</i>	55			
<i>Melanoplus fasciatus</i>	55			
<i>Melanoplus sanguinipes</i>	55			
<i>Melanozetes longispinosus</i>	483			
<i>Melica subulata</i>	147			
<i>Melosira distans</i>	469			
<i>Melosira</i> sp.....	31	187	600	
<i>Melospiza lincolni</i>	120			
<i>Mentha arvensis</i>	376			
<i>Menyanthes trifoliata</i>	71	183	291	376
	444	456	611	637
 <i>Menziesia ferruginea</i>	139	442	525	641
 <i>Merckia physodes</i>	611			
<i>Mergus merganser</i>	490			
<i>Mergus serrator</i>	44	314	387	439
	597			
<i>Meridion circulare</i>	469	600		
<i>Meridion</i> sp.....	187			
<i>Meridionaceae</i>	187			
<i>Mertensia paniculata</i>	68	146	166	240
	254	264	291	299
	329	329	376	444
	456	733		
<i>Mesogastropoda</i>	187			
<i>Mesoptychia sahlbergii</i>	233	456		
<i>Metratropus</i> sp.....	599	600		
<i>Metriocnemus</i> sp.....	469	599	600	
<i>Metrioppia</i> sp.....	483			
<i>Micrasema</i> sp.....	33	284		
<i>Microcricotopus</i> sp.....	284			
<i>Microcystis</i> sp.....	598			
<i>Microgadus proximus</i>	103			
<i>Micropalma himantopus</i>	44	387	420	439
	597			
<i>Micropsectra</i> sp.....	33	187	284	469
	600			
<i>Microsorex hoyi</i>	58	71	386	589

<i>Microspora</i> sp.....	187			
<i>Microsporaceae</i>	187			
<i>Microtendipes</i> sp.....	200			
<i>Microtus longicaudus</i>	58	386		
<i>Microtus miurus</i>	58	307	319	386
	481	590	610	
<i>Microtus oeconomus</i>	58	230	307	319
	373	375	386	481
	490	589	590	591
	594	681		
<i>Microtus pennsylvanicus</i>	58	307	376	386
	589			
<i>Microtus</i> sp.....	168	334	637	
<i>Microtus xanthognathus</i>	58	188	386	
<i>Millegratum</i> sp.....	233			
<i>Mimulus guttatus</i>	376			
<i>Minuartia arctica</i>	227	233	376	456
	611	733		
<i>Minuartia dawsonensis</i>	376	611		
<i>Minuartia elegans</i>	611			
<i>Minuartia laricifolia</i>	611			
<i>Minuartia macrocarpa</i>	376	611	733	
<i>Minuartia obtusiloba</i>	376	611		
<i>Minuartia rossii</i>	227	233	456	611
<i>Minuartia rubella</i>	233	376	456	611
	733			
<i>Minuartia stricta</i>	376	611		
<i>Mnium blyttii</i>	233			
<i>Mnium cuspidatum</i>	264			
<i>Mnium hymenophylloides</i>	733			
<i>Mnium</i> sp.....	232			
<i>Mnium thomsonii</i>	233			
<i>Moehringia lateriflora</i>	265	329	376	444
	595	611	733	
<i>Mollusca</i>	187			
<i>Moneses uniflora</i>	146	291	299	329
	376	444	611	
<i>Monodiumesa bathyphila</i>	200	451		
<i>Monodiumesa</i> sp.....	284			
<i>Monolepis nuttalliana</i>	376	611	731	
<i>Moraria duthiei</i>	284			
<i>Morinella interpres</i>	597			
<i>Morulina thulensis</i>	284			
<i>Mosgovoyia pectinata</i>	146			
<i>Motacilla flava</i>	44	387	420	439
<i>Mougeotia</i> sp.....	187	469	600	
<i>Mus musculus</i>	386			

<i>Mustela arctica</i>	188			
<i>Mustela erminea</i>	58	71	145	162
	168	307	319	334
	373	375	376	386
	490	531	590	
<i>Mustela rixosa</i>	58	71	145	307
	319	375	376	386
	490	531		
<i>Mustela vison</i>	58	71	145	188
	219	307	319	334
	376	386	490	637
	638			
<i>Myosotis alpestris</i>	147	291	299	376
	456	611		
<i>Myotis lucifugus</i>	71	376	386	
<i>Myotis</i> sp.....	590			
<i>Myoxocephalus quadricornis</i>	27	421	426	
<i>Myrica gale</i>	376	442		
<i>Myriophyllum alterniflorum</i>	611			
<i>Myriophyllum</i> sp.....	71	211	470	598
	672			
<i>Myriophyllum spicatum</i>	183	235	376	444
<i>Mytilus californianus</i>	490			
<i>Myurella careyana</i>	733			
<i>Myurella julacea</i>	233	733		
<i>Myurella tenerima</i>	233			
<i>Myxophyceae</i>	187			
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<i>Navicula gysingensis</i>	469			
<i>Navicula lagerstedtii</i>	469			
<i>Navicula lanceolata</i>	469			
<i>Navicula minima</i>	469			
<i>Navicula minuscula</i>	469			
<i>Navicula mutica</i>	469			
<i>Navicula pupula</i>	469			
<i>Navicula radiosha</i>	469			
<i>Navicula secura</i>	469			
<i>Navicula seminulum</i>	469			
<i>Navicula</i> sp.....	187	469	600	
<i>Navicula tridentula</i>	469			
<i>Naviculaceae</i>	187			
<i>Neascus</i> sp.....	210			

<i>Neidium affine</i>	469			
<i>Neidium sp.</i>	187	469		
<i>Nemaliones</i>	187			
<i>Nematocera</i>	105			
<i>Nematoda</i>	105	209	316	
<i>Nematomorpha</i>	399			
<i>Nemoura sp.</i>	26	31	43	105
	284	284		
<i>Nemoura venosa</i>	600			
<i>Nemouridae</i>	37	105	187	
<i>Neoechinorhynchus rutili</i>	598			
<i>Neopodismopsis abolominalis</i>	55			
<i>Neopygmephorus sp.</i>	483			
<i>Neothremma sp.</i>	284			
<i>Nephelopsis obscura</i>	259			
<i>Nephroma arcticum</i>	56	112	254	456
	679			
<i>Nephrotoma lundbecki</i>	229			
<i>Neptuna lirata</i>	489			
<i>Neslia paniculata</i>	299			
<i>Nettion carolinense</i>	597	637	724	
<i>Neuroclipsis sp.</i>	600			
<i>Nitella flexilis</i>	235			
<i>Nitella opaca</i>	611			
<i>Nitella sp.</i>	484			
<i>Nitzschia acuta</i>	469			
<i>Nitzschia dissipata</i>	469			
<i>Nitzschia seriata</i>	488			
<i>Nitzschia sp.</i>	187	469	600	
<i>Nitzchiaceae</i>	187			
<i>Nolichopus amnicola</i>	229			
<i>Nostoc muscorum</i>	361			
<i>Nostoc sp.</i>	14			
<i>Notemigonus crysoleucas</i>	117			
<i>Nothrus pratensis</i>	483			
<i>Numenius phaeopus</i>	32	387		
<i>Nuphar polysepalum</i>	71	183	343	376
	395	444		
<i>Nuphar variegatum</i>	291	299	637	
<i>Nuttalornis borealis</i>	120			
<i>Nyctea nyctea</i>	307	597		
<i>Nyctea scandiaca</i>	32	44	230	387
	420	439	594	
<i>Nymphaea sp.</i>	235			
<i>Nymphaea tetragona</i>	71	376	595	
<i>Nyroca effinis</i>	637			
<i>Nyroca marila</i>	637			

<i>Nyroca valisneria</i>	637			
<i>Obeliscoides cuniculi</i>	146			
<i>Ochotona collaris</i>	58	386	589	590
<i>Ochrolechia frigida</i>	233			
<i>Ochrolechia upsaliensis</i>	233	456		
<i>Ochromonadaceae</i>	187			
<i>Odobenus rosmarus</i>	319	334	642	
<i>ODOCOILEUS hemionus</i>	386	656		
<i>ODOCOILEUS sp.</i>	641			
<i>Odonata</i>	209	717		
<i>Odontomesa fulva</i>	105			
<i>Odontoschisma macounii</i>	233			
<i>Oecitis sp.</i>	200			
<i>Oedemagena tarandi</i>	232	383		
<i>Oedemia deglandi</i>	597			
<i>Oedemia perspicillata</i>	597			
<i>Oedogoniaceae</i>	187			
<i>Oedogoniales</i>	187			
<i>Oedogonium sp.</i>	187	469		
<i>Oenanthe oenanthe</i>	387			
<i>Oenis melissa</i>	229			
<i>Oidemia americana</i>	724			
<i>Oligochaeta</i>	26	187	209	316
	368	598		
<i>Olor columbianus</i>	32	314	387	420
	439	597		
<i>Olor sp.</i>	490			
<i>Oncophorus virens</i>	233			
<i>Oncophorus wahlenbergii</i>	233	264	456	
<i>Oncorhynchus gorbuscha</i>	71	103	137	139
	177	180	295	297
	316	338	367	372
	402	426	601	612
	613	631	655	658
	663	664	753	
<i>Oncorhynchus keta</i>	11	26	27	71
	72	103	105	137
	139	167	177	180
	185	198	219	295
	316	335	338	345
	348	349	354	357
	367	372	382	393
	394	400	402	426
	600	601	613	654
	655	658	663	695
	705	707	708	710
	715	716	717	720
	722	753		

Oncorhynchus kisutch.....	11	23	26	27
	71	72	103	137
	156	157	159	160
	161	167	170	177
	179	180	198	219
	338	345	349	367
	382	400	426	698
	705	711	713	714
	716	717	718	719
	720	721	722	753
Oncorhynchus nerka.....	8	71	137	157
	159	161	177	211
	260	261	338	367
	598	637	659	753
Oncorhynchus sp.....	209	636		
Oncorhynchus tshawytscha.....	11	23	27	71
	72	105	137	159
	161	177	180	185
	198	219	335	338
	345	348	349	354
	367	382	393	394
	400	402	426	600
	695	705	707	708
	715	717	720	722
	753			
Ondatra zibethicus.....	58	334	386	590
	638	656	724	
Oneis bore.....	483			
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Ophiacanthella sp.....	489			
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Orthocladius sp.....	26	105	187	284
	469	600		
Orthocladius thienemanni.....	469			

<i>Orthoptera</i>	398			
<i>Orthothecium chryseum</i>	233	456	733	
<i>Orthothecium intricatum</i>	233	733		
<i>Orthothecium rufescens</i>	233			
<i>Orthotrichum speciosum</i>	456			
<i>Oscillatoria</i> sp.....	187	211	469	600
<i>Oscillatoriaceae</i>	187			
<i>Oscillatorisles</i>	187			
<i>Osmerus</i> sp.....	71			
<i>Ostracoda</i>	209	598		
<i>Otocoris alpestris</i>	597			
<i>Ovibos moschatus</i>	306	319	386	436
	471	732		
<i>Ovis dalli</i>	5	58	62	168
	306	319	334	376
	386	403	453	455
	636	656	660	
<i>Oxycoccus microcarpus</i>	166	264	288	291
	376	444	525	611
<i>Oxycoccus palustre</i>	254			
<i>Oxyethira</i> sp.....	187			
<i>Oxyria digyna</i>	147	226	227	233
	299	376	456	611
<i>Oxytropis arctica</i>	233	456		
<i>Oxytropis borealis</i>	233	376	456	
<i>Oxytropis campestris</i>	376	456		
<i>Oxytropis deflexa</i>	233	299	376	611
<i>Oxytropis foliolosa</i>	611			
<i>Oxytropis glutinosa</i>	611			
<i>Oxytropis gracilis</i>	147	299	611	
<i>Oxytropis huddelsonii</i>	376			
<i>Oxytropis hudsonica</i>	291			
<i>Oxytropis hyperborea</i>	611			
<i>Oxytropis jordalii</i>	611			
<i>Oxytropis koyukukensis</i>	456	611		
<i>Oxytropis leucantha</i>	147	611		
<i>Oxytropis maydelliana</i>	147	233	376	456
	611			
<i>Oxytropis mertensiana</i>	376	611		
<i>Oxytropis nigrescens</i>	147	226	227	233
	376	456	733	
<i>Oxytropis pygmaea</i>	611			
<i>Oxytropis scammaniana</i>	147	376	456	493
<i>Oxytropis</i> sp.....	232			
<i>Oxytropis varians</i>	595			
<i>Oxytropis viscosa</i>	456	611		
<i>Pagurus hirsutusculus</i>	490			
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Papaver macounii.....	147	226	227	233
	376	456	477	611
 Papaver microcarpum.....	299			
Papaver radicatum.....	147			
Papaver sp.....	224	232		
Papilio machaon.....	483			
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Paracamptus reggiae.....	284			
Parachipteria sp.....	483			
Parachironomus sp.....	200	469		
Paracladopelma sp.....	105	187	284	695
 Paracloedes sp.....	200	599	600	
Paracricotopus sp.....	284	469		
Paragordius sp.....	399			
Parakiefferiella sp.....	284	469		
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Paraperla sp.....	105	284	469	600
	695			
Paratanytarsus sp.....	43	200		
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Parmelia sulcata.....	56	278	456	
Parmeliella praetermissa.....	233			
Parmeliopsis ambigua.....	56	456		
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<i>Parnassia kotzebuei</i>	147	233	291	376
	456	611		
<i>Parnassia palustris</i>	147	299	376	444
	456	611		
<i>Parrya nudicaulis</i>	147	226	227	232
	233	456	611	
<i>Parus atricapillus</i>	120	125	278	373
<i>Parus hudsonicus</i>	120	125	278	373
<i>Parus rufescens</i>	490			
<i>Passerculus sandwichensis</i>	32	120	314	387
	420	439	464	
<i>Passerella iliaca</i>	490			
<i>Pecten hindsii</i>	489			
<i>Pedicia hannai</i>	229			
<i>Pedicularis capitata</i>	147	226	227	233
	376	456	477	611
<i>Pedicularis euphrasiooides</i>	679			
<i>Pedicularis kanei</i>	376	456		
<i>Pedicularis labradorica</i>	166	254	291	299
	328	376	456	477
	611	733		
<i>Pedicularis lanata</i>	226	227	233	477
	611	733		
<i>Pedicularis langsdorffii</i>	147	147	233	456
	477	611		
<i>Pedicularis oederi</i>	376	456	477	733
<i>Pedicularis parviflora</i>	525			
<i>Pedicularis pennellii</i>	147			
<i>Pedicularis</i> sp.	232	478	482	636
<i>Pedicularis sudetica</i>	147	226	227	232
	233	291	376	456
	611			
<i>Pedicularis verticillata</i>	291	299	329	376
	456	611		
<i>Pedioecetes phasianellus</i>	124	125	373	549
<i>Pegohylemyia</i> sp.....	450	607		
<i>Pelecypoda</i>	105	209		
<i>Peloscolex kurankovi</i>	200			
<i>Peloscolex</i> sp.....	200			
<i>Peltigera aphthosa</i>	56	112	232	233
	240	254	264	278
	328	456	476	679

Peltigera canina.....	233	240	264	328
	456			
Peltigera leucophlebia.....	56			
Peltigera malacea.....	56	233		
Peltigera polydactyla.....	233	264		
Peltigera rufescens.....	56	233		
Peltigera scabrosa.....	679			
Peltigera scutata.....	56			
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Pentidotea wosnesenskii.....	490			
Percopsis omiscomaycus.....	71	198	393	753
Pericoma sp.....	105	187	600	
Peridinium sp.....	488			
Perisoreus canadensis.....	120	125	146	253
	278	373	597	
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Pertusaria dactylina.....	456			
Pertusaria octomela.....	233			
Pertusaria panyrga.....	233			
Pertusaria subobducens.....	233			
Petasites frigidus.....	146	147	233	240
	254	299	444	456
	476	477	482	611
Petasites grigidus.....	376			
Petasites hyperboreus.....	319	328	376	
Petasites sagittatus.....	329	376	444	
Petasites sp.....	206	342		
Petrochelidon pyrrhonota.....	387			
Phacelia mollis.....	444			
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Phaenopsectra sp.....	105	200	284	469
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Phalacrocorax sp.....	490			
Phalaris canariensis.....	299			
Phalaropus fulicarius.....	32	44	314	387
	420	439	597	
Phalaropus lobatus.....	387			
Philonotis fontana.....	233	456		
Philonotis sp.....	233			
Philopotomidae.....	105			
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<i>Phleum commutatum</i>	376			
<i>Phleum pratense</i>	291	376		
<i>Phlox alaskana</i>	611			
<i>Phlox richardsonii</i>	611			
<i>Phlox sibirica</i>	147	456	476	
<i>Phoca hispida</i>	319	334		
<i>Phoca vitulina</i>	490			
<i>Phoridae</i>	105	284		
<i>Phyganea</i> sp.....	33	200		
<i>Phyllocoptes aleutica</i>	139			
<i>Phylloscopus borealis</i>	387			
<i>Physa</i> sp.....	187	200		
<i>Physcia dubia</i>	233			
<i>Physconia muscigena</i>	233	456		
<i>Physidae</i>	187			
<i>Phytophaga carpophaga</i>	450	607		
<i>Pica pica</i>	253	490		
<i>Picea canadensis</i>	293	679		
<i>Picea glauca</i>	6	12	39	45
	47	59	63	65
	68	71	84	94
	109	110	111	120
	129	142	145	146
	181	182	183	188
	193	206	212	214
	215	238	239	240
	245	264	273	278
	288	291	298	299
	328	329	336	342
	343	369	371	375
	376	384	396	404
	427	428	440	441
	442	444	448	449
	450	456	469	473
	531	539	577	591
	600	604	607	611
	635	636	637	638
	640	643	648	670
	724	727	733	741
<i>Picea mariana</i>	12	39	45	47
	52	64	65	68
	71	84	92	109
	111	120	129	138
	142	145	146	181
	182	183	188	193
	206	212	215	239
	240	245	264	278
	288	291	293	298
	300	328	329	336
	342	343	369	371

<i>Picea mariana</i>	375	376	384	385
	395	396	428	440
	442	444	448	450
	469	577	600	604
	608	611	629	636
	637	638	640	648
	670	733	734	741
<i>Picea sitchensis</i>	94	95	122	139
	215	295	442	525
	577			
<i>Picea</i> sp.....	254	314	401	
<i>Picoides americanus</i>	253			
<i>Picoides tridactylus</i>	125	278		
<i>Pieris napi</i>	483			
<i>Pinguicula villosa</i>	166	376	611	
<i>Pinguicula vulgaris</i>	147	291	376	456
	611			
<i>Pinicola enucleator</i>	120	125	253	278
	373			
<i>Pinnularia barrowiana</i>	469			
<i>Pinnularia borealis</i>	469			
<i>Pinnularia mesolepta</i>	469			
<i>Pinnularia</i> sp.....	187	469	600	
<i>Piscicola</i> sp.....	33			
<i>Pisidium</i> sp.....	33	200	284	598
<i>Pisobia bairdi</i>	597			
<i>Pisobia fuscicollis</i>	597			
<i>Pisobia pectoralis</i>	597			
<i>Plagiobothrys cognatus</i>	299	376		
<i>Plagiobothrys cusickii</i>	299			
<i>Plagiochila arctica</i>	233			
<i>Plagiomnium medium</i>	456			
<i>Plagiomnium rugicum</i>	233			
<i>Plantago canescens</i>	376			
<i>Plantago major</i>	376	444	595	611
<i>Plantago maritima</i>	248			
<i>Platanthera hyperborea</i>	376	595	611	
<i>Platanthera obtusata</i>	278	376	611	
<i>Platichthys stellatus</i>	27	103		
<i>Platycentropus</i> sp.....	33	284		
<i>Platydictya jungermannioides</i>	233			
<i>Platyhelminthes</i>	316			
<i>Platynothrus punctatus</i>	483			
<i>Plecoptera</i>	105	187	209	210
	316	398	399	400
	401			

<i>Plectocolea rubra</i>	733			
<i>Plectonema</i> sp.....	187			
<i>Plectrophenax nivalis</i>	32	44	125	314
	387	439	594	597
 <i>Pleurozium schreberi</i>	84	112	206	240
	254	264	328	336
	342	371	456	679
	733			
 <i>Pleurozium</i> sp.....	166	288	608	
<i>Pluvialis dominica</i>	32	44	314	387
	420	439	597	
 <i>Pluvialis squatarola</i>	44	439		
<i>Poa abbreviata</i>	233	456		
<i>Poa alpigena</i>	233	291	376	456
 <i>Poa alpina</i>	228	232	264	291
	376	456	611	
 <i>Poa annua</i>	376			
<i>Poa arctica</i>	147	226	227	254
	291	319	376	456
	477	594		
 <i>Poa eminens</i>	76	139		
<i>Poa glauca</i>	147	233	291	319
	376	444	456	611
 <i>Poa lanata</i>	376	456	477	
<i>Poa palustris</i>	376			
<i>Poa paucispicula</i>	376	611		
<i>Poa pratensis</i>	376	456	594	611
 <i>Poa pseudoabbreviata</i>	456			
<i>Poa</i> sp.....	183	637		
<i>Podiceps auritus</i>	420			
<i>Podiceps grisegena</i>	120	387		
<i>Polygonatum alpinum</i>	233			
<i>Pohlia albicans</i>	733			
<i>Pohlia cruda</i>	233	456		
<i>Pohlia nutans</i>	112	233		
<i>Polemonium acutiflorum</i>	146	147	291	376
	444	456	477	733
 <i>Polemonium boreale</i>	147	232	233	376
	456			
 <i>Polemonium caeruleum</i>	611			
<i>Polemonium pulcherrimum</i>	376			
<i>Polinices draconis</i>	489			
<i>Polyartemiella hazeni</i>	395			

<i>Polyarthra</i> sp.....	598			
<i>Polyblastia bryophila</i>	233			
<i>Polyblastia cupularis</i>	456			
<i>Polyblastia sendtneri</i>	233			
<i>Polyblastiopsis inductula</i>	456			
<i>Polycentropus</i> sp.....	33			
<i>Polygonum achoreum</i>	376			
<i>Polygonum alaskanum</i>	166	206	288	328
	336	342	371	376
	444	636		
<i>Polygonum amphibium</i>	71	235	376	444
<i>Polygonum aviculare</i>	299	376		
<i>Polygonum bistorta</i>	147	233	291	376
	456	476	477	480
	482	611	679	733
<i>Polygonum buxiforme</i>	611			
<i>Polygonum caurianum</i>	376	611		
<i>Polygonum convolvulus</i>	299	376	595	
<i>Polygonum lapathifolium</i>	444			
<i>Polygonum palustris</i>	395			
<i>Polygonum</i> sp.....	183	376		
<i>Polygonum viviparum</i>	147	226	227	232
	233	291	299	376
	456	477	611	
<i>Polypedilum</i> sp.....	105	187	200	284
	469	600		
<i>Polyphaga</i>	105			
<i>Polyphemus</i> sp.....	284	484		
<i>Polypodium vulgare</i>	376	733		
<i>Polypogon monspeliensis</i>	611			
<i>Polysticta stelleri</i>	32	44	439	597
<i>Polytrichum commune</i>	112	240	254	456
	679	733		
<i>Polytrichum juniperinum</i>	112	264	456	679
	733			
<i>Polytrichum piliferum</i>	112	456	733	
<i>Polytrichum</i> sp.....	109	166	288	328
	539	608	637	
<i>Polytrichum strictum</i>	240	254	456	
<i>Popocopa</i> sp.....	187			
<i>Populus balsamifera</i>	34	45	47	68
	92	109	120	129
	146	182	183	193
	206	215	245	250
	264	293	298	342
	343	371	376	427
	428	442	444	448
	456	469	473	531
	577	611	638	670
	727	741		
<i>Populus</i> sp.....	94	102	122	368

<i>Populus tacamahacca</i>	71	142	291	299
	600	635	636	637
	733			
<i>Populus tremuloides</i>	12	45	65	68
	71	84	109	110
	111	120	123	129
	138	142	146	182
	183	206	212	215
	239	240	245	250
	251	264	278	293
	298	299	328	329
	336	342	343	369
	371	376	384	396
	404	440	442	444
	448	449	456	469
	577	600	611	635
	636	637	648	670
	724	733	741	
<i>Populus trichocarpa</i>	45	47	215	250
	293	577		
<i>Porphyra perforata</i>	490			
<i>Potamogeton alpinus</i>	376	611		
<i>Potamogeton berchtoldii</i>	376	611		
<i>Potamogeton epihydrus</i>	444			
<i>Potamogeton filiformis</i>	235	376	444	451
	595	611		
<i>Potamogeton foliosus</i>	376			
<i>Potamogeton friesii</i>	376			
<i>Potamogeton gramineus</i>	235	291	376	444
	451	611		
<i>Potamogeton natans</i>	71	376	444	
<i>Potamogeton pectinatus</i>	376			
<i>Potamogeton perfoliatus</i>	14	71	291	376
	444	637		
<i>Potamogeton porsildiorum</i>	291			
<i>Potamogeton praelongus</i>	71	211	235	376
<i>Potamogeton pusillus</i>	291			
<i>Potamogeton richardsonii</i>	211	235	451	611
<i>Potamogeton robbinsii</i>	444			
<i>Potamogeton sp.</i>	14	183	470	598
	672			
<i>Potamogeton subsibiricus</i>	376			
<i>Potamogeton tenuifolius</i>	291			
<i>Potamogeton vaginatus</i>	71	376	611	
<i>Potamogeton zosterifolius</i>	376	444		
<i>Potentilla biflora</i>	147	376	456	611
<i>Potentilla egedii</i>	376			
<i>Potentilla elegans</i>	611			
<i>Potentilla emarginata</i>	611			

<i>Potentilla fruticosa</i>	18	68	112	291
	299	343	376	442
	456	477	611	
<i>Potentilla glaucophylla</i>	291			
<i>Potentilla gracilis</i>	299	611		
<i>Potentilla hippiana</i>	291			
<i>Potentilla hookeriana</i>	227	233	376	456
<i>Potentilla multifida</i>	376	456		
<i>Potentilla nivea</i>	147	299	456	611
<i>Potentilla norvegica</i>	291	299	376	444
	611			
<i>Potentilla palustris</i>	68	235	291	299
	314	376	456	611
<i>Potentilla pennsylvanica</i>	299	376		
<i>Potentilla pulchella</i>	233			
<i>Potentilla rubricaulis</i>	611			
<i>Potentilla</i> sp.....	183			
<i>Potentilla uniflora</i>	233	291	299	376
	611			
<i>Potentilla vahliana</i>	147	376		
<i>Potthastia</i> sp.....	187	200	284	
<i>Preissia quadrata</i>	233			
<i>Primula borealis</i>	232	233		
<i>Primula egaliksensis</i>	611			
<i>Primula incana</i>	291	376		
<i>Primula sibirica</i>	456			
<i>Primula tschuktschorum</i>	376	611		
<i>Prionocera gracilistyla</i>	229			
<i>Prionocera parii</i>	229			
<i>Prionocera</i> sp.....	33	600		
<i>Pristiphora erichsonii</i>	92			
<i>Probezzia</i> sp.....	105			
<i>Procladius</i> sp.....	33	43	105	200
	284	695		
<i>Prodiamesa bathyphila</i>	105	600		
<i>Prodiamesa olivacea</i>	105			
<i>Prodiamesa</i> sp.....	599	600		
<i>Proisotoma</i> sp.....	284			
<i>Propelops</i> sp.....	483			
<i>Prosimum alpestre</i>	31	284		
<i>Prosimum fulvum</i>	272	469		
<i>Prosimum hirtipes</i>	272			
<i>Prosimum novum</i>	272			
<i>Prosimum onychodactylum</i>	272			

<i>Prosimulium perspicuum</i>	284			
<i>Prosimulium pleurale</i>	272	469		
<i>Prosimulium sp.</i>	24	26	33	105
	284	695		
<i>Prosimulium ursinium</i>	600			
<i>Prosopium coulteri</i>	208			
<i>Prosopium cylindraceum</i>	11	23	24	26
	28	40	41	71
	167	170	177	178
	180	198	208	316
	400	421	425	426
	598	600	694	698
	715	716	718	720
	721	722	753	
<i>Prosopium quadrilatera</i>	499			
<i>Protanypus sp.</i>	200			
<i>Proteocephalus sp.</i>	598			
<i>Protostrongylus boughtoni</i>	146			
<i>Protothaca staminea</i>	489			
<i>Prunella vulgaris</i>	299			
<i>Psectrocladius sp.</i>	105	187	284	469
	599	600	695	
<i>Psectrotanypus sp.</i>	284			
<i>Pseudocalanus sp.</i>	488			
<i>Pseudochironomus sp.</i>	33	105	284	
<i>Pseudocloeon sp.</i>	33	284	469	599
	600			
<i>Pseudodiamesa pertinax</i>	469			
<i>Pseudodiamesa sp.</i>	105	187	284	695
<i>Pseudokiefferiella sp.</i>	284			
<i>Pseudosmittia sp.</i>	284			
<i>Psychodidae</i>	37	187	209	
<i>Psychoglypha sp.</i>	187			
<i>Psycodidae</i>	105			
<i>Psyllidae</i>	105			
<i>Pteraster sp.</i>	489			
<i>Pteretis nodulosa</i>	299			
<i>Pteromonas sp.</i>	187			
<i>Pteronarcella sp.</i>	284			
<i>Pterostichus sp.</i>	105			
<i>Ptilidium ciliare</i>	233	264	456	
<i>Ptilostomis sp.</i>	33	469	600	
<i>Puccinellia andersonii</i>	233			
<i>Puccinellia arctica</i>	291			
<i>Puccinellia borealis</i>	376			
<i>Puccinellia distans</i>	291			
<i>Puccinellia hauptiana</i>	376	444		
<i>Puccinellia interior</i>	376			
<i>Puccinellia phryganodes</i>	233			
<i>Pulsatilla patens</i>	376			
<i>Pungitius pungitius</i>	27	316	421	425
	426			
<i>Pungitius sp.</i>	426			
<i>Pycnopodia helianthoides</i>	489			
<i>Pycnopsyche sp.</i>	26	284	600	
<i>Pyrobotrys sp.</i>	14	361		

<i>Pyrola asarifolia</i>	166	240	291	299
	329	376	444	611
<i>Pyrola chlorantha</i>	240	291	376	444
	611			
<i>Pyrola grandiflora</i>	147	233	254	264
	291	299	329	376
	444	477	611	
<i>Pyrola minor</i>	254	291	376	
<i>Pyrola rotundifolia</i>	456			
<i>Pyrola secunda</i>	68	146	240	254
	264	278	291	299
	328	329	376	444
	456	611	733	
<i>Pyrola sp.</i>	68			
<i>Radula prolifera</i>	233			
<i>Ramalina almquistii</i>	233			
<i>Ramalina minuscula</i>	456			
<i>Rana sylvatica</i>	7	184	375	671
<i>Rangifer arcticus</i>	32	58	112	149
	207	319	334	383
	384	386	436	464
	637	656	660	661
<i>Rangifer sp.</i>	590			
<i>Rangifer stonei</i>	188			
<i>Rangifer tarandus</i>	70	77	112	168
	230	231	232	305
	376	453	454	465
	472	482	639	732
	743			
<i>Ranunculaceae</i>	636			
<i>Ranunculus affinis</i>	147			
<i>Ranunculus aquatilis</i>	235	611		
<i>Ranunculus conefervoides</i>	376			
<i>Ranunculus eschscholtzii</i>	291			
<i>Ranunculus glaucum</i>	444			
<i>Ranunculus gmelini</i>	376	611		
<i>Ranunculus hyperboreus</i>	147	299	376	456
	595			
<i>Ranunculus lapponicus</i>	291	376	444	611
<i>Ranunculus macounii</i>	291	376	444	
<i>Ranunculus nivalis</i>	232	233	291	376
	456	611		
<i>Ranunculus pedatifidus</i>	227	233	376	456
<i>Ranunculus pennsylvanicus</i>	376	595		
<i>Ranunculus purshii</i>	291			
<i>Ranunculus pygmaeus</i>	376	611		
<i>Ranunculus reptans</i>	376			

<i>Ranunculus sceleratus</i>	299	376	595	
<i>Ranunculus</i> sp.	183	470	672	
<i>Ranunculus sulphureus</i>	594			
<i>Ranunculus trichophyllum</i>	233	376	444	
<i>Raphium</i> sp.	229			
<i>Raphium tripartitum</i>	229			
<i>Regulus calendula</i>	120	278		
<i>Rhacomitrium canescens</i>	264	448	733	
<i>Rhacomitrium lanuginosum</i>	233	456		
<i>Rhantus</i> sp.	187			
<i>Rheocricotopus</i> sp.	187			
<i>Rheotanytarsus</i> sp.	187	284		
<i>Rheumaptera hastata</i>	91	93		
<i>Rhithrogena</i> sp.	33			
<i>Rhizocarpon concentricum</i>	456			
<i>Rhizocarpon disporum</i>	233			
<i>Rhizocarpon geographicum</i>	336	456	618	
<i>Rhizomnium andrewsianum</i>	233			
<i>Rhododendron lapponicum</i>	147	442	456	476
	477	611	724	
<i>Rhodophyceae</i>	187			
<i>Rhodophyta</i>	187			
<i>Rhyacophila</i> sp.	26	187	284	
<i>Rhyacophilidae</i>	187			
<i>Rhynchelmis</i> sp.	31			
<i>Rhynchobdellida</i> sp.	187			
<i>Rhytidadelphus</i> sp.	638			
<i>Rhytidadelphus triquetrus</i>	264	336	448	
<i>Rhytidium rugosum</i>	233	264	456	733
<i>Ribes bracteosum</i>	442			
<i>Ribes glandulosum</i>	376	442		
<i>Ribes hudsonianum</i>	68	376	442	444
<i>Ribes lacustre</i>	376	442		
<i>Ribes laxiflorum</i>	442			
<i>Ribes</i> sp.	68	166	183	638
<i>Ribes triste</i>	68	112	240	264
	299	329	442	444
	448	456	636	637
<i>Riccardia pinguis</i>	456			
<i>Ricciocarpus natans</i>	235			
<i>Rinodina roscida</i>	233			
<i>Rinodina turfacea</i>	233			
<i>Riparia riparia</i>	120			
<i>Rissa tradactyla</i>	490			
<i>Rorippa curvisiliqua</i>	299			

<i>Rorippa hispida</i>	376	444		
<i>Rorippa islandica</i>	376	611		
<i>Rorippa palustris</i>	291			
<i>Rosa acicularis</i>	68	84	109	145
	146	166	183	206
	240	254	264	265
	278	288	291	299
	328	329	336	342
	343	371	375	376
	384	395	442	444
	448	456	604	636
	638	733		
<i>Rosa</i> sp.....	469			
<i>Rosa woodsii</i>	376			
<i>Rosaceae</i>	636			
<i>Rubus acaulis</i>	291	611		
<i>Rubus arcticus</i>	31	146	299	329
	376	444	456	611
<i>Rubus chamaemorus</i>	146	166	206	254
	264	288	299	300
	314	328	329	342
	371	376	456	474
	476	477	479	539
	611	637		
<i>Rubus idaeus</i>	110	183	264	265
	278	288	328	376
	442	444	611	637
<i>Rubus pedatus</i>	139	240	525	
<i>Rubus spectabilis</i>	139	442	641	
<i>Rubus strigosus</i>	206	342	371	
<i>Rumex acetosa</i>	733			
<i>Rumex arcticus</i>	147	183	299	376
	611			
<i>Rumex fenestratus</i>	376			
<i>Rumex sibiricus</i>	376			
<i>Rumex</i> sp.....	329			
<i>Russula</i> sp.....	110			
<i>Sagina caespitosa</i>	291			
<i>Sagina intermedia</i>	233	291		
<i>Sagitta elegans</i>	488			
<i>Sagittaria cuneata</i>	71	376	444	
<i>Saiga tatarica</i>	732			
<i>Salididae</i>	105			
<i>Salix alaxensis</i>	31	68	142	147
	183	215	233	250
	264	265	299	376
	385	387	427	428
	442	444	448	456
	611	727		

<i>Salix arbusculoides</i>	68	145	147	183
	215	240	376	385
	442	449	456	476
	611			
<i>Salix arbutifolia</i>	145			
<i>Salix arctica</i>	147	226	227	232
	233	250	299	376
	456	477	611	
<i>Salix arctolitoralis</i>	147			
<i>Salix arctophila</i>	456			
<i>Salix athabascensis</i>	376			
<i>Salix barclayi</i>	215	240	299	385
	442	611		
<i>Salix barrattiana</i>	456	611		
<i>Salix bebbiana</i>	68	109	145	183
	215	240	250	291
	299	442	444	449
	611	733		
<i>Salix brachycarpa</i>	68	250	265	427
	428	456		
<i>Salix candida</i>	376			
<i>Salix chamissonis</i>	456	611		
<i>Salix cordat</i>	449			
<i>Salix depressa</i>	376	385		
<i>Salix desertorum</i>	611			
<i>Salix farrae</i>	147			
<i>Salix flagellaris</i>	147			
<i>Salix fuscescens</i>	376	456		
<i>Salix glauca</i>	145	147	215	250
	254	299	376	442
	444	456	477	611
	679			
<i>Salix hastata</i>	183	376	385	456
<i>Salix hookeriana</i>	215	442		
<i>Salix interior</i>	183	265	376	385
	427	428	442	727
<i>Salix lanata</i>	215	226	227	232
	233	376	385	387
	442	456	476	477
<i>Salix lasiandra</i>	183	215	376	385
	442	611		
<i>Salix monticola</i>	68	183	442	
<i>Salix murieei</i>	611			
<i>Salix myrtillifolia</i>	68	240	291	376
	385	428	595	
<i>Salix niphoclada</i>	147	291	299	376
	611			
<i>Salix novae-angliae</i>	68	183	215	265
	427	442	727	
<i>Salix ovalifolia</i>	226	227	232	233
	456			

<i>Salix padophylla</i>	376	385		
<i>Salix phlebophylla</i>	147	250	291	376
	456	477	594	611
	733			
<i>Salix planifolia</i>	68	183	215	233
	442	456	477	
<i>Salix polaris</i>	250			
<i>Salix pseudocordata</i>	264			
<i>Salix pseudomonticola</i>	449			
<i>Salix pulchra</i>	145	147	232	254
	264	376	385	387
	474	480	483	594
	611	733		
<i>Salix reptans</i>	456			
<i>Salix reticulata</i>	18	147	226	227
	232	233	250	299
	319	376	442	456
	477	594	611	
<i>Salix richardsonii</i>	145	147	611	
<i>Salix rotundifolia</i>	147	226	227	231
	232	233	250	376
	456	611		
<i>Salix scouleriana</i>	109	145	215	240
	376	442	449	
<i>Salix setchelliana</i>	376			
<i>Salix sitchensis</i>	139	215	442	641
<i>Salix sp.</i>	12	39	59	65
	71	84	91	92
	102	120	129	138
	145	146	166	206
	212	224	288	300
	306	307	314	328
	329	332	336	342
	343	368	369	370
	371	383	384	395
	437	454	469	472
	479	482	531	539
	577	600	604	635
	636	637	638	648
	670	724	734	
<i>Salix sphenophylla</i>	456			
<i>Salix walpolei</i>	611			
<i>Salmincola edwardsii</i>	210			
<i>Salmo clarki</i>	178	180	656	
<i>Salmo gairdneri</i>	24	156	157	160
	161	167	170	175
	177	178	179	180
	426	656	698	705
	713	714	717	718
	719	720	721	753

<i>Salmo signifer</i>	345			
<i>Salmo</i> sp.....	708			
<i>Salmonella derby</i>	35			
<i>Salmonella paratyphi</i>	35			
<i>Salmonella senftenberg</i>	35			
<i>Salmonella thompson</i>	35			
<i>Salmonella typhimurium</i>	35			
<i>Salmonidae</i>	105			
<i>Salmoniformes</i>	105			
<i>Salvelinus alpinus</i>	28	30	31	121
	316	338	421	423
	424	425	426	753
 <i>Salvelinus malma</i>	103	121	156	157
	159	178	179	180
	198	345	753	
 <i>Salvelinus namaycush</i>	156	157	159	167
	175	177	178	179
	180	198	316	421
	426	499	598	698
	705	707	713	714
	717	719	721	753
 <i>Sambucus callicarpa</i>	215	442		
<i>Sambucus racemosa</i>	139			
<i>Sanguisorba menziesii</i>	299			
<i>Sanguisorba officinalis</i>	291	376		
<i>Sanguisorba sitchensis</i>	291	299		
<i>Sanguisorba stipulata</i>	376			
<i>Saussurea angustifolia</i>	146	147	226	227
	233	291	444	456
	477	595	611	
 <i>Saussurea nuda</i>	456			
<i>Saussurea viscosa</i>	456			
<i>Saxifraga bronchialis</i>	147	299	376	456
	611			
 <i>Saxifraga caespitosa</i>	147	233	376	
<i>Saxifraga cernua</i>	147	226	227	232
	233	291	456	476
	611			
 <i>Saxifraga davurica</i>	147	456		
<i>Saxifraga eschscholtzii</i>	611			
<i>Saxifraga flagellaris</i>	299	611		
<i>Saxifraga foliolosa</i>	456			
<i>Saxifraga hieracifolia</i>	147	226	233	291
	456	477	611	
 <i>Saxifraga hirculus</i>	147	226	227	233
	291	376	456	477
	611			
 <i>Saxifraga lyallii</i>	611			
<i>Saxifraga nelsoniana</i>	477			
<i>Saxifraga nivalis</i>	147	376		
<i>Saxifraga oppositifolia</i>	147	224	226	227
	232	233	376	456
	477	611		
 <i>Saxifraga punctata</i>	147	291	376	456
	611			

<i>Saxifraga reflexa</i>	376	444	611	733
<i>Saxifraga rivularis</i>	147	299	376	611
	733			
<i>Saxifraga serpyllofolia</i>	611			
<i>Saxifraga sp.</i>	232			
<i>Saxifraga spicata</i>	611			
<i>Saxifraga tricuspidata</i>	147	233	299	376
	444	456	611	724
	733			
<i>Sayornis saya</i>	387			
<i>Scapania cuspiduligera</i>	733			
<i>Scapania irrigua</i>	233			
<i>Scapania simmonsii</i>	456			
<i>Scenedesmus sp.</i>	14			
<i>Schistidium striatum</i>	733			
<i>Sciara sp.</i>	105			
<i>Sciomyzidae</i>	105			
<i>Scirpus caespitosus</i>	147	525	611	
<i>Scirpus microcarpus</i>	595			
<i>Scirpus sp.</i>	248			
<i>Scirpus validus</i>	376	395	444	
<i>Sciurus hudsonicus</i>	188	189	637	
<i>Scorpidium scorpioides</i>	224	226	233	
<i>Scorpidium turgescens</i>	233	456		
<i>Scutacarus sp.</i>	483			
<i>Scutellaria epilobiifolia</i>	291	299		
<i>Scutellaria galericulata</i>	376	595		
<i>Scytonema sptaceae</i>	187			
<i>Sebastodes alutus</i>	489			
<i>Sebastodes sp.</i>	372			
<i>Sedum rosea</i>	233	376	456	
<i>Seiurus noveboracensis</i>	120	597		
<i>Selaginella selaginoides</i>	611			
<i>Selaginella sibirica</i>	291	299	444	611
	733			
<i>Selenastrum sp.</i>	14	361		
<i>Senecio atropurpureus</i>	147	226	227	233
	376	456	477	611
<i>Senecio congestus</i>	233	376	444	456
<i>Senecio conterminus</i>	291	299	376	611
<i>Senecio frigidus</i>	291			
<i>Senecio fuscatus</i>	376	456		
<i>Senecio hyperborealis</i>	147			
<i>Senecio kjellmanii</i>	611			
<i>Senecio lindstroemii</i>	611			
<i>Senecio lugens</i>	147	291	299	376
	456	611		
<i>Senecio monticola</i>	299			
<i>Senecio palustris</i>	299			
<i>Senecio pauciflorus</i>	376	595		
<i>Senecio pauperulus</i>	299	376		

<i>Senecio resedifolius</i>	147	233	376	456
	611			
<i>Senecio saussurea</i>	376			
<i>Senecio sp</i>	183			
<i>Senecio vulgaris</i>	299			
<i>Senecio yukonensis</i>	376			
<i>Sergentia sp</i>	105			
<i>Serpula vermicularis</i>	489			
<i>Setitalpa sp</i>	105			
<i>Setodes sp</i>	200			
<i>Shepherdia canadensis</i>	18	112	166	240
	291	299	329	343
	376	442	444	456
	465	611	733	
<i>Shepherdia sp</i>	146			
<i>Sibbaldia procumbens</i>	291	376		
<i>Sida crystallina</i>	395			
<i>Silene acaulis</i>	147	226	227	232
	233	291	376	387
	456	477	611	724
<i>Silene involucrata</i>	233			
<i>Silene menziesii</i>	376	444		
<i>Silene repens</i>	376	444	611	
<i>Silene wahlbergella</i>	233			
<i>Silene williamsii</i>	291	299	595	733
<i>Simocephalus sp</i>	284			
<i>Simocephalus vetulus</i>	395			
<i>Simuliidae</i>	37	105	187	209
	316	398	399	600
<i>Simulium arcticum</i>	272			
<i>Simulium bicornis</i>	469			
<i>Simulium corbis</i>	272			
<i>Simulium decorum</i>	272			
<i>Simulium sp</i>	187	284	401	
<i>Simulium vandalicum</i>	272			
<i>Simulium venustum</i>	272			
<i>Simulium vittatum</i>	272	599	600	
<i>Sinapis arvense</i>	291			
<i>Skeletonema costatum</i>	488			
<i>Smelowskia calycina</i>	147			
<i>Smilodon sp</i>	732			
<i>Smittia sp</i>	33	284	599	600
<i>Solidago canadensis</i>	444			
<i>Solidago decumbens</i>	376	444		
<i>Solidago lepida</i>	299			
<i>Solidago multiradiata</i>	146	147	183	291
	299	376	611	733

<i>Solorina bispora</i>	456			
<i>Solorina crocea</i>	56	456		
<i>Solorina saccata</i>	233			
<i>Solorina spongiosa</i>	233			
<i>Somateria fischeri</i>	44	439		
<i>Somateria mollissima</i>	32	44	314	439
	526	742		
<i>Somateria spectabilis</i>	32	44	439	526
	597			
<i>Somateria v-nigra</i>	597			
<i>Somatochlora</i> sp.....	200			
<i>Sorbus scopulina</i>	215	376	442	
<i>Sorbus sitchensis</i>	215	442		
<i>Sorbus</i> sp.....	465			
<i>Sorex arcticus</i>	375	376		
<i>Sorex cinereus</i>	58	71	307	319
	373	375	376	386
	589	590	591	
<i>Sorex obscurus</i>	58	71	307	319
	386	589		
<i>Sorex palustris</i>	386			
<i>Sorex personatus</i>	188			
<i>Sorex</i> sp.....	168	334	490	531
	590			
<i>Sorex tundrensis</i>	58	71	307	386
<i>Sorex vagrans</i>	376			
<i>Spaniotoma</i> sp.....	599			
<i>Sparganium angustifolium</i>	71	183	376	444
<i>Sparganium hyperboreum</i>	183	376	611	
<i>Sparganium minimum</i>	291	376	444	595
	611			
<i>Sparganium multipedunculatum</i>	376			
<i>Spatula clypeata</i>	637			
<i>Sperchon</i> sp.....	284			
<i>Spergula arvensis</i>	595			
<i>Spergularia rubra</i>	299			
<i>Spermophilus undulatus</i>	168	319	376	464
	465	481		
<i>Sphaerophorus fragilis</i>	56			
<i>Sphaerophorus globosus</i>	56	232	233	
<i>Sphagnum capillaceum</i>	254	456		
<i>Sphagnum fuscum</i>	733			
<i>Sphagnum girgensohnii</i>	264	456	608	733
<i>Sphagnum lenense</i>	608			
<i>Sphagnum magellanicum</i>	232			
<i>Sphagnum rubellum</i>	240			

<i>Sphagnum</i> sp.....	84	138	139	145
	166	206	247	254
	288	300	328	336
	342	371	469	474
	539	600	637	648
	724			
<i>Sphagnum squarrosum</i>	264	456		
<i>Sphagnum warnstorfianum</i>	264	608		
<i>Sphenolobus</i> sp.....	456			
<i>Spiraea beauverdiana</i>	166	206	254	264
	288	299	328	329
	376	442	444	611
 <i>Spiranthes romanzoffiana</i>	291	299	376	444
	611			
<i>Spirogyra</i> sp.....	187	469	600	
<i>Spirontocaris</i> sp.....	489			
<i>Spirulina</i> sp.....	14	600		
<i>Spizella arborea</i>	314	387	420	439
	464	724		
<i>Spizella monticola</i>	597			
<i>Spizella passerina</i>	120			
<i>Splachnum luteum</i>	733			
<i>Splachnum melanocaulon</i>	733			
<i>Splachnum ovatum</i>	733			
<i>Splachnum sphaericum</i>	233			
<i>Splachnum vasculosum</i>	233			
<i>Spondylosium</i> sp.....	187			
<i>Squatarola squatarola</i>	32	314	420	464
	597			
<i>Stachys palustris</i>	376			
<i>Stachys scopolorum</i>	299			
<i>Stallaria</i> sp.....	328			
<i>Staphylinidae</i>	105			
<i>Staurastrum</i> sp.....	187			
<i>Stauroneis anceps</i>	469			
<i>Stauroneis fluminea</i>	469			
<i>Stauroneis kriegeri</i>	469			
<i>Stauroneis</i> sp.....	187	600		
<i>Stegonia latifolia</i>	233			
<i>Stellaria calycantha</i>	291	376	444	611
 <i>Stellaria ciliatosepala</i>	147			
<i>Stellaria crassifolia</i>	232	299	329	376
	444			
<i>Stellaria edwardsii</i>	376	444	456	
<i>Stellaria humifusa</i>	233			
<i>Stellaria laeta</i>	147	226	227	233
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	392	600		
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	292	669		
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	404			
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BASALTS.....	73	74	255	318
	374	651		
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BEACHES.....	292	490		
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	319	453	465	504
	506	507	508	509
	510	511	512	513
	514	604	605	636
	641	656		
BEAVERS.....	5	165	183	327
	632	634	635	637
	656			
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	318	336	371	374
	388	405	438	555
	563	566	575	578
	579	580	581	620
	649	651	687	
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	200	209	284	316
	335	364	368	401
	421	425	451	469
	489	598	599	600
	672			
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	368	399	489	600
BIBLIOGRAPHIES.....	75	90	397	

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	561	562	563	564
	565	582	599	672
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	149	168	232	332
	482	630	639	641
	660	661		
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	317	599		
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	265	427	428	490
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	123	129	142	145
	166	182	193	215
	237	240	245	278
	288	314	328	329
	337	343	387	420
	440	456	577	603
	608	679	724	
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BIRDS.....	31	44	65	71
	120	124	125	145
	146	219	253	278
	314	319	327	338
	358	373	387	420
	439	445	464	481
	490	594	597	637
	656	742	746	
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	120	129	142	145
	146	166	181	182
	188	189	193	240
	264	278	288	369
	375	376	440	442
	448	600	604	608
	629	734		
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	442	525	604	
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	142	166	343	418
	444	448	539	593
	608	614	629	741

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	65	139	145	146
	188	207	231	248
	307	314	319	327
	337	370	383	387
	420	439	454	594
	597	634	742	743
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	270	289	300	321
	576	673		
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	249			
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	241	243	244	288
	298	331	351	608
	670			
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	425			
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	174	254	264	286
	316	328	352	356
	415	418	425	427
	557	558	561	562
	563	564	565	582
	599	600	629	650
	666	668	672	
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	418	600		
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	391	431	666	750

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	557	582	650	666
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	112	207	305	314
	319	337	338	383
	384	436	453	454
	472	500	501	502
	503	505	639	656
	660	661	743	
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	629			
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	746			
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	465	635	638	639
	654	658	660	661
	664			
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	217	220		
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	366	401	467	469
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	178	337	753	
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	561	562	563	564
	565	582	599	666

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	558	650	672	
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	488	686	690	
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	372	613	654	655
	658	663	753	
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	242	275	302	309
	321	388	411	444
	448	531	534	568
	585	611	652	669
	670	739	740	
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	100	107	108	113
	114	116	130	132
	133	138	141	148
	152	153	154	162
	163	168	169	201
	203	204	205	213
	222	239	241	242
	243	247	264	274
	277	279	280	281
	283	287	301	302
	303	304	309	321
	330	331	334	341
	347	360	369	377
	378	379	380	395
	405	409	413	415
	416	417	418	459
	460	461	466	473
	486	530	545	574
	580	583	584	585
	586	587	588	600
	615	638	645	670
	678	686	736	737
	738	739	740	746
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	530	534	539	545
	736	737		

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	375	377	378	379
	450	528	584	585
	586	587	588	686
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	402	612	654	659
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	448	469	470	562
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	170	178	179	185
	698	701	707	708
	710	711	715	716
	717	718	719	720
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	610			
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	37	41	86	88
	104	156	157	158
	159	169	170	178
	179	180	187	200
	211	272	286	335
	354	361	394	395
	401	432	468	469
	470	485	486	598
	599	600	655	672
	686	698	707	708
	711	713	714	716
	717	718	719	720
	721	722		
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	16	42	104	107
	163	174	200	286
	317	323	342	352
	452	470	485	561
	562	563	564	565
	582	599	666	672
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	325	326	339	420
	743			
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	188	305	306	355
	386	471	472	675
	681			
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	174	187	218	221
	285	286	472	485
	556	560	561	562
	564	565	568	582
	645	753		

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	526	742		
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	674			
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	297	320	372	406
	494	532	533	537
	540	541	601	609
	612	613	614	663
	680	728	747	748
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	94	98	122	141
	203	240	244	275
	276	293	311	327
	334	340	369	391
	412	429	434	563
	575	576	578	579
	580	583	599	612
	633	634	635	637
	651	659	670	688
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	104	116	266	286
	316	353	366	391
	395	411	561	562
	563	564	565	582
	583	600	672	686
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	185	720		
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	152	154	193	207
	214	215	278	285
	288	305	306	307
	319	359	365	371
	404	440	442	443
	450	456	619	657
	742	753		
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	388	418	447	576
	622	633	680	
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	376	528	543	546
	571	592	662	
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	117	166	193	202
	252	307	319	336
	344	388	438	583
	665	669		
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	170	316	345	393
	598	695	696	706
	710	717		
FISH EGGS.....	24	26	27	28
	40	103	156	157
	159	160	161	175
	178	180	185	208
	219	295	316	345
	354	357	372	394
	612	613	655	659
	663	664	696	711
	722			
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	349	367	402	612
	659	701		
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	700	701	705	723
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	25	26	27	28
	36	40	41	46
	71	72	88	103
	136	156	157	158
	160	185	198	210
	219	260	261	316
	335	337	345	348
	349	352	357	367
	399	400	402	612
	613	631	658	659
	663	664	700	702
	704	706	709	710
	712	715	716	718
	722	723		
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	40	41	46	81
	88	128	159	161
	175	178	180	316
	345	352	357	393
	399	400	598	654
	659	664	693	694
	699	707	712	

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	26	27	28	37
	40	41	88	103
	121	128	156	157
	158	159	160	161
	170	175	176	177
	178	179	180	185
	198	208	295	335
	345	348	349	352
	354	355	357	367
	382	393	394	399
	400	402	423	424
	495	544	592	598
	612	613	631	654
	655	658	659	663
	664	693	698	699
	700	701	702	703
	704	705	707	708
	709	710	711	712
	713	714	715	716
	717	718	719	720
	721	722	723	753
FISH REPRODUCTION.....	117	219	345	393
	394	399	400	
FISH STOCKING.....	23	24	27	28
	41	156	157	159
	161	167	170	175
	178	180	208	698
	707	708	711	713
	714	716	717	718
	719	720		
FISH TAXONOMY.....	27	28		
FISH TYPES.....	25	699		
FISHERIES.....	74	167	338	355
FISHING.....	72	137	159	161
	185	210	348	349
	355	367	402	491
	700	709		
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	583	600	633	
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	685			
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	216	220	221	286
	556	568	663	

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	568	583	673	
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	141	195	197	199
	217	220	221	264
	265	271	286	307
	388	418	448	575
	579	583	622	625
	627	633	648	669
FLOOD PROFILES.....	89	583		
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	216	218	221	568
	633	685		
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FLOODS.....	107	143	147	193
	194	252	286	319
	321	335	364	443
	466	556	568	570
	583	596	613	615
	673	685		
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	561	562	563	564
	565	582	599	
FLUORINE.....	650	666		
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	319	377	378	379
	461	584	585	588
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FOOD ABUNDANCE.....	232	327	381	591

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	44	67	105	111
	139	145	146	149
	168	183	188	189
	210	230	231	232
	248	278	295	307
	316	319	345	370
	381	383	384	385
	393	398	399	400
	424	465	472	481
	482	496	499	591
	594	598	605	635
	636	637	638	640
	641	642	695	697
	706	710	722	724
	725	727		
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	604	724		
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	64	83	84	85
	112	155	164	166
	193	215	236	240
	241	242	243	244
	257	282	288	293
	298	343	440	442
	450	604	662	670
	741			
FOREST MANAGEMENT.....	84	85	91	95
	111	122	240	242
	273	274	298	440
	629	662	670	
FOREST SOILS.....	33	84	85	123
	240	254	415	418
	629			
FORESTRY.....	29	45	47	74
	91	92	93	95
	98	99	164	182
	236	237	238	239
	240	241	254	329
	427	428	640	741
FORESTS.....	52	84	94	97
	98	99	122	123
	141	142	203	206
	245	254	264	273
	275	293	298	343
	427	531	539	577
	603	614	670	

FOSSILS.....	100	290	318	436
	538	550	578	579
	580	624	646	649
	651	666	667	669
	676	678	687	732
	746			
FOUNDATIONS.....	118	447		
FRAZIL ICE.....	266	353		
FREEZING.....	38	39	97	104
	108	144	146	151
	181	194	204	212
	214	264	266	270
	289	315	319	322
	324	325	326	339
	345	353	366	375
	390	391	404	405
	442	445	448	461
	467	523	526	543
	569	576	587	596
	600	645	675	729
	749			
FREQUENCY.....	131	359		
FRESHWATER.....	105			
FRESHWATER FISH.....	160	185	208	316
	337	352	659	
FROGS.....	7	184	671	
FRONTS (ATMOSPHERIC).....	143			
FROST.....	133	141	193	205
	214	288	309	373
	374	405	416	417
	450	527	729	
FROST ACTION.....	576	665		
FROST HEAVING.....	74	118	388	390
	436	559	576	596
	648	652		
FROZEN GROUND.....	126	292	390	397
	418	436	542	554
	563	566	572	576
	652	665	667	669
	676			
FROZEN SOILS.....	118	447		
FRUIT CROPS.....	141	312		
FRY.....	24	27	40	103
	105	219	316	354
	372	394	612	613
	655	658	663	718
	722			

FUNGI.....	110	278	449	591
FURBEARERS.....	71	141	183	188
	191	307	319	327
	520	549	632	634
	635	637	656	681
	724			
GAGING STATIONS.....	187	203	218	
GASES.....	650	666		
GESE (WILD).....	314	419	420	490
GEOCHEMISTRY.....	116	668	678	733
GEOGRAPHICAL REGIONS.....	669			
GEOLOGIC FORMATIONS.....	119	563		
GEOLOGIC HISTORY.....	115	119	173	318
	369	390	444	494
	529	539	542	550
	551	552	553	571
	573	575	578	579
	580	581	609	617
	618	620	646	649
	651	665	667	678
	683	687	730	735
	746			
GEOLOGIC MAPPING.....	115	192	318	575
	578	580	618	621
GEOLOGIC TIME.....	687			
GEOLOGIC UNITS.....	73	74	100	318
	342	555	580	581
	651	687		
GEOLOGICAL SURVEYS.....	3	651		
GEOLOGY.....	2	29	48	54
	73	74	75	96
	97	100	115	119
	126	142	147	163
	173	256	318	319
	329	336	341	342
	371	374	388	390
	395	415	418	436
	438	442	444	494
	523	537	542	550
	552	553	555	558
	563	566	569	574
	575	578	579	580
	581	609	611	620
	624	626	646	649
	651	665	666	667
	669	676	678	683
	687	730	735	746

GEOMORPHOLOGY.....	29	96	100	107
	115	118	141	147
	149	155	173	177
	227	256	271	316
	329	334	336	342
	360	374	388	390
	401	415	435	529
	539	571	574	575
	576	577	579	580
	581	585	611	617
	621	622	624	627
	635	637	646	648
	649	651	652	656
	665	667	669	677
	678	688	746	
GEOPHYSICS.....	2	406	414	541
	555	609	617	748
	751	752		
GEOTHERMAL STUDIES.....	557			
GERMINATION.....	214	237	238	250
	278	288	450	
GLACIAL DRIFT.....	100	115	116	151
	256	262	336	388
	390	415	436	438
	444	529	542	551
	553	573	575	578
	579	580	581	618
	624	626	627	646
	651	677		
GLACIAL SEDIMENTS.....	116	194	336	438
	523	529	542	552
	553	573	618	651
GLACIAL SOILS.....	336	415		
GLACIATION.....	73	74	75	97
	100	121	336	376
	442	444	525	529
	542	551	553	571
	573	575	578	579
	611	624	646	649
	651	677		
GLACIERS.....	96	116	139	148
	151	153	171	173
	192	194	203	256
	319	336	438	455
	525	573	580	618
	628	646		
GLACIOHYDROLOGY.....	107	116	148	171
	203	296	344	463
	618	668		
GLACIOLOGY.....	90	336	438	525
	618	628	646	
GOATS.....	656			
GOLD.....	37	126	182	336
	543	581	688	746

GOSHAWKS.....	65	146		
GOVERNMENTAL INTERRELATIONS.....	61			
GOVERNMENTS.....	688			
GRAINS (CROPS).....	312			
GRANITES.....	74	318	558	578
	580	581	649	
GRASSES.....	57	76	141	145
	147	166	188	189
	207	228	240	305
	307	319	376	384
	456	611	670	
GRASSLANDS.....	732			
GRAVELS.....	103	116	126	141
	166	314	336	371
	374	390	405	412
	418	563	566	575
	579	580	624	746
GRAVIMETRY.....	414			
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GRAVITY WAVES.....	751			
GRAZING.....	232	313	481	482
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GROUNDWATER.....	20	38	39	74
	104	163	172	174
	194	203	213	310
	323	342	354	360
	363	371	390	394
	405	452	563	566
	569	574	583	650
	666			
GROUNDWATER AVAILABILITY.....	163			
GROUNDWATER MOVEMENT.....	39	107	360	363
	652			
GROUNDWATER RECHARGE.....	39	360	563	
GROUNDWATER RESOURCES.....	563	574		
GROUSE.....	102	124	314	319
	338	370	515	516
	520	549	597	606
	724			
GROWTH RATES.....	27	41	63	81
	98	130	145	146
	182	210	319	375
	382	403	404	424
	440	441	455	495
	496	598	632	699
	708	709	722	

GROWTH STAGES.....	23	24	26	40
	46	65	168	182
	183	316	352	404
	465	602	605	637
	659	712	716	720
GULLS.....	314	490	597	742
GYMNOSPERMS.....	404			
HABITATS.....	6	59	68	71
	110	111	120	136
	139	146	167	183
	188	227	230	248
	272	278	305	306
	307	314	319	337
	370	373	385	386
	387	403	420	425
	435	437	439	443
	445	455	464	472
	499	517	594	601
	602	727	742	
HAIL.....	377	378	379	584
HARDNESS (WATER).....	11	13	15	16
	26	27	163	174
	187	219	286	323
	352	354	394	421
	452	561	562	563
	564	565	582	599
	650	672	721	722
HARDWOOD.....	45	91	94	109
	110	245	440	727
HARVESTING.....	111	167	549	
HATCHING.....	65			
HAWKS.....	146			
HAY.....	141			
HAZARDS.....	242	243	252	670
HAZE.....	244	377	378	379
	584			
HEAT.....	340			
HEAT BALANCE.....	140			
HEAT BUDGET.....	14	451		
HEAT FLOW.....	391	395	749	750
HEAT RESISTANCE.....	362			
HEAT TRANSFER.....	1	64	113	223
	340	749	750	

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HEATING.....	97	527		
HEAVING.....	523	729		
HEIGHT.....	142	193	385	440
HEMLOCK TREES.....	215			
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HERBIVORES.....	319	370		
HIGHWAY ICING.....	82	263	268	269
	270	289	389	397
	405			
HIGHWAY RELOCATION.....	269	524		
HIGHWAYS.....	249	263	267	269
	270	289	321	365
	388	389	434	524
	554	596	729	
HISTORIC FLOODS.....	143	556		
HISTORY.....	67	164	327	334
	434	530	571	611
	635	637	649	659
	688	746		
HOT SPRINGS.....	34	557	558	644
	666			
HUMAN DISEASES.....	610			
HUMAN POPULATION.....	67	101	140	141
	164	249	252	275
	307	327	369	391
	431	434	436	535
	563	571	599	600
	648	688	746	
HUMIDITY.....	49	140	144	204
	213	274	305	373
	377	378	379	450
	527	548	584	585
	586	587	588	670
HUMUS.....	328			
HUNTING.....	5	6	67	139
	149	168	307	327
	334	376	383	436
	465	500	501	502
	504	505	506	508
	509	510	511	512
	513	514	515	518
	519	521	522	549
	634	636	641	642
	660	724		
HYDRAULIC CONDUCTIVITY.....	64			
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	430	645		
HYDRAULIC STRUCTURES.....	389			
HYDRAULIC-FILL DAMS.....	429			
HYDRAULICS.....	107	218	342	466
HYDROELECTRIC POWER.....	275	338	645	
HYDROGEN.....	527			
HYDROGEN ION CONCENTRATION.....	9	11	14	18
	20	22	26	27
	53	104	113	116
	123	169	170	174
	187	248	254	258
	266	272	286	316
	317	328	335	354
	356	361	394	395
	418	427	452	488
	492	546	557	561
	562	563	564	565
	582	598	599	600
	629	666	668	672
	686	707	721	
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HYDROGRAPHS.....	138	247	371	485
	583			
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	684	685	686	
HYDROLOGY.....	4	12	21	29
	38	51	52	75
	79	90	107	138
	143	148	152	154
	155	169	172	174
	186	194	213	225
	236	286	303	319
	321	328	341	342
	346	360	371	389
	396	442	462	485
	615	616	652	672
	741			
HYDROSTATIC PRESSURE.....	523			
ICE.....	12	17	19	38
	42	82	90	97
	106	115	118	150
	151	152	155	193
	194	197	212	219
	266	267	286	287
	289	292	307	314
	319	322	324	325
	326	336	345	353
	360	361	365	366
	374	388	389	390
	397	405	411	422
	436	466	467	491
	492	523	526	542

ICE.....	570	572	576	596
	622	625	648	652
	673	729	742	
ICE BREAKUP.....	106	127	141	194
	321	322	324	325
	326	347	353	389
	417	445	466	497
	526	546	587	623
	749			
ICE COVER.....	14	81	104	106
	113	126	127	156
	169	170	178	179
	180	198	203	286
	287	300	315	324
	339	347	354	366
	394	397	467	600
	672	673	686	707
	708	711	714	716
	717	719	720	749
ICE FISHING.....	157			
ICE FOG.....	74	101	134	135
	140	144	330	331
	373	391	413	431
	458	461	527	535
	745	749	750	
ICE JAMS.....	106	252	466	467
	560	561	673	
ICE-WATER INTERFACES.....	397			
ICED LAKES.....	411			
IGNEOUS ROCKS.....	54	96	192	255
	262	318	442	575
	578	579	580	581
	649	651	746	
IMPOUNDED WATERS.....	337			
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INDUSTRIES.....	445			
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INSECTS.....	55	91	92	93
	105	110	139	182
	246	248	272	286
	294	305	345	399
	400	450	599	600
	604	607		
INSTRUMENTATION.....	12	132	684	686
INSULATION.....	162			

INTERTIDAL AREAS.....	103	248	292	297
	357	372	490	533
	601	612	613	655
	658	663	664	
INVASION.....	91			
INVERTEBRATES.....	21	24	26	31
	105	139	187	200
	209	229	284	286
	368	399	401	425
	451	469	483	489
	599	600	695	
INVESTIGATIONS.....	460			
IODINE.....	666			
IONS.....	668			
IRON.....	104	123	169	174
	187	258	286	323
	328	335	354	356
	418	557	561	562
	563	564	565	582
	583	599	600	650
	666	672		
IRON OXIDES.....	415			
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LAKE BEDS.....	235			
LAKE FISHERIES.....	71	156	157	158
	159	160	161	175
	176	177	178	179
	180	698	703	705
	707	708	710	711
	713	714	716	717
	719	720	721	
LAKE MORPHOLOGY.....	114	200		
LAKE MORPHOMETRY.....	43	114	211	235
	360	451	470	484
	598	672	705	713
LAKE SEDIMENTS.....	14	43	115	336
	395	444	484	542
	552			
LAKE TROUT.....	167	316	464	492
	499	753		

LAKES.....	14	38	39	71
	114	115	136	154
	155	163	170	173
	174	178	187	188
	193	200	225	271
	286	307	314	315
	316	319	322	324
	325	326	339	344
	358	360	361	376
	387	388	392	395
	420	421	422	439
	443	444	445	451
	464	468	470	484
	491	523	526	546
	547	598	672	689
	690	691	711	714
	719	720	726	741
	744	753		
LAND CLASSIFICATION.....	94	99		
LAND MANAGEMENT.....	275			
LAND RECLAMATION.....	456			
LAND SUBSIDENCE.....	372	494	533	538
	541	680		
LAND UPLIFT.....	297	372	494	533
	538	541	612	613
	614	730		
LAND USE.....	74	94	114	122
	245	273	275	293
	311	313	442	
LANDFILLS.....	433			
LANDSLIDES.....	583	680	747	
LARVAE.....	91	248	607	
LATENT HEAT.....	150	750		
LAVA.....	96	318	555	579
	580	581	651	746
LEACHING.....	87			
LEAD.....	140	187	391	431
	535			
LEAVES.....	142	215	288	450
LEECHES.....	259			
LEGISLATION.....	334	524		
LEGUMES.....	493			
LENGTH.....	167	191	288	319
	333	384	544	681
LEVEES.....	570			
LICHENS.....	56	97	109	110
	112	120	139	146
	166	278	305	307
	314	319	383	384
	387	420	454	456
	477	591	679	724
	734			

LIFE CYCLES.....	210			
LIFE HISTORY STUDIES.....	24	26	27	28
	81	103	183	208
	248	316	345	354
	357	393	400	598
	632	637	642	659
	663	694	704	706
	722			
LIGHT INTENSITY.....	368			
LIGHT PENETRATION.....	14	211	361	395
	488	490	598	672
	686			
LIGHTNING.....	112	257	282	288
LIGNITE.....	746			
LIMESTONES.....	96	100	255	318
	578	580	581	651
	687			
LIMNOLOGY.....	14	22	170	200
	211	219	235	361
	392	395	444	451
	468	470	484	598
	672	726		
LITTORAL.....	490			
LIVESTOCK.....	141	311	313	657
LOAM.....	141	254		
LOESS.....	74	115	166	336
	356	415	542	575
	624	627	648	651
	667	674	676	678
LONGEVITY.....	146			
LUMBER.....	45	47	94	98
	122	182	240	245
	275	293		
LUMBERING.....	29	273	670	
MAGNESIUM.....	104	116	123	169
	174	254	264	286
	316	328	352	356
	415	418	427	557
	561	562	563	564
	565	582	599	600
	629	650	666	672
MAGNETIC STUDIES.....	2	3	555	
MAINTENANCE.....	365	524	729	

MAMMALS.....	5	32	58	62
	67	68	71	145
	146	149	162	168
	183	188	191	219
	230	231	278	295
	306	314	319	333
	337	338	376	386
	403	436	453	464
	481	482	490	520
	531	589	590	610
	637	640	642	643
	656	725	746	
MANAGEMENT.....	713			
MANGANESE.....	123	174	187	264
	286	328	427	563
	600	629	650	666
	672			
MAPPING.....	193	227	577	
MAPS.....	315	339	420	426
	442			
MARINE BIOLOGY.....	490			
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MAXIMUM PROBABLE FLOOD.....	17	89	199	216
	221	286	615	616
	633			
MAYFLIES.....	8	286	393	421
	425			
MEANDERS.....	199	217		
MEASUREMENT.....	145	151	315	324
	325	326	339	440
	455			
MELT WATER.....	116	148	171	252
	296	347	463	560
	561	565	618	668
MELTING.....	151	152	466	673
	749			
MERCURY.....	187			
MESOZOIC ERA.....	100	119	192	578
	580	609	620	649

	651	735	746	
METABOLISM.....	19	22	193	361
	375	591	606	671
METALS.....	75	187	647	672
METAMORPHIC ROCKS.....	54	74	96	115
	192	255	262	318
	405	442	555	575
	579	620	646	649
	651	746		
METEOROLOGICAL DATA.....	108	139	150	314
	315	339		
METEOROLOGY.....	101	131	132	134
	143	144	152	155
	193	257	281	282
	303	304	321	330
	331	342	359	408
	410	411	413	431
	461	583	616	740
	750	751	754	
METHANE.....	650	666		
METHODOLOGY.....	435			
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	643	749		
MICROENVIRONMENT.....	147	224	264	343
	531			
MICROORGANISMS.....	18	19		
MICROSCOPY.....	18			
MICROWAVES.....	193			
MIDGES.....	8	187	272	286
	421	599	600	
MIGRATION.....	6	102	139	146
	149	168	178	305
	306	307	314	319
	337	355	382	383
	384	419	420	423
	437	445	453	454
	472	491	492	496
	497	498	526	544
	546	549	592	660
	697	742	743	753
MIGRATION PATTERNS.....	32	70	77	210
	232	482	636	
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	443			
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MINERAL WATER.....	644	650		
MINERALOGY.....	116	141	318	344
	374	415	421	575
	578	579	580	581
	620	646	647	649
	665	667	678	746
MINING.....	74	117	126	364
	369	578	579	581
	646	651	667	688
	746			
MINK.....	327			
MITES.....	421	425		
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MODEL STUDIES.....	1	4	51	52
	101	138	148	213
	467			
MOISTURE.....	142	153	278	319
	420			
MOLLUSKS.....	286			
MOLYBDENUM.....	647			
MOOSE.....	5	6	59	68
	112	145	215	306
	319	337	338	385
	435	437	453	604
	636	656	727	
MORTALITY.....	5	6	68	70
	103	145	146	149
	168	182	214	219
	245	288	295	297
	381	384	403	440
	450	465	526	612
	613	634	637	655
	663	724		
MOSSES.....	97	112	120	139
	145	146	147	166
	188	206	240	264
	278	288	307	314
	319	371	383	384
	420	450	456	525
	591	593	608	629
	669	679	724	734
MOUNTAINS.....	97	139	153	173
	305	306	307	358
	373	374	442	443
	445	456	525	730

MOVEMENT.....	139	145	146	207
	255	262	306	307
	471	601	728	747
	748			
MUCK SOILS.....	126	141	248	290
	374	436	543	563
	566	622	648	667
	674	676	679	
MUD.....	116	596		
MUSK-OX.....	436	471		
MUSKEG.....	97	145	181	215
	329	343	444	525
	539	575	614	670
MUSKRATS.....	327	656		
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NEMATODES.....	8	286	421	425
	526			
NESTING.....	44	65	314	337
	370	420	464	517
	597	724		
NESTS.....	65	71	188	189
	307	319	594	597
	742			
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NETWORKS.....	203			
NITRATES.....	104	174	187	286
	488	535	561	562
	563	564	565	582
	599	692		
NITRITES.....	104	187	286	488
	692			
NITROGEN.....	123	215	254	258
	264	265	328	356
	415	418	450	451
	608	629	650	689
	690			
NITROGEN COMPOUNDS.....	9	14	19	20
	22	169	187	335
	361	468	488	535
	598	600	666	672
	692			
NITROGEN CYCLE.....	265	600	692	
NITROGEN FIXATION.....	22	265	468	
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NUMBER FISH PER ACRE.....	26			
NUTRIENT REQUIREMENTS.....	19	22	381	638
	640	690		
NUTRIENTS.....	14	21	33	104
	123	225	254	361
	427	451	468	470
	475	488	600	629
	689			
OATS.....	312			
OCEANOGRAPHY.....	486	487		
OIL.....	119	524		
OIL FIELDS.....	119	443		
OIL INDUSTRY.....	306			
OIL POLLUTION.....	439	445		
OIL RESERVOIRS.....	119			
OIL SPILLS.....	316			
OIL WASTES.....	317			
OIL WELLS.....	119			
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	314	322	384	420
	684			
ON-SITE INVESTIGATIONS.....	90	202	457	460
ORGANIC COMPOUNDS.....	363			
ORGANIC MATTER.....	14	123	215	235
	427	487	488	
ORGANIC SOILS.....	166	264	265	328
	415	548	576	629
	667	734		
ORNAMENTALS.....	312			
OVERFLOW.....	523			
OVERLAND FLOW.....	172			
OVERWINTERING SITES.....	23	24	40	41
	88	103	156	157
	159	178	179	180
	198	219	286	316
	345	400	423	612
	613	663	698	710
	713	716	718	721
OXYGEN.....	167	200	421	422
	423	425	546	601
PALEOClimatology.....	129	130	290	390
	436	444	539	542
	603			
PALEOZOIC ERA.....	96	100	119	192
	575	578	579	581
	620	646	651	687
	746			

PALYNOLGY.....	444	539	
PARASITISM.....	91	210	605
PARTICLE SHAPE.....	438		
PARTICLE SIZE.....	13	15	16
	115	116	140
	144	148	196
	356	390	391
	418	438	444
	561	562	564
	627	667	678
			750
PATHOGENIC BACTERIA.....	440		
PAVING.....	524		
PEAK DISCHARGE.....	17	107	174
	247	342	556
	615	633	663
			685
PEAT.....	141	444	525
	629		539
PERIPHYTON.....	187		
PERMAFROST.....	1	38	39
	57	64	66
	74	75	78
	82	97	108
	112	118	120
	132	133	142
	152	154	155
	166	172	181
	197	206	247
	271	288	307
	319	336	342
	351	360	363
	371	373	374
	388	389	390
	412	415	425
	439	440	442
	448	450	456
	523	539	542
	554	563	569
	574	575	576
	604	608	622
	648	652	657
	675	676	729
			734
	741		
PERMEABILITY.....	418	523	601
PEST CONTROL.....	95	246	248
PETROLOGY.....	318	415	
PHENOLOGY.....	229	375	

PHLOEM.....	404			
PHOSPHATES.....	104	254	335	582
	600	650		
PHOSPHORUS.....	123	264	328	427
	629			
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	286	361	672	
PHOTOSYNTHESIS.....	31	361	672	690
PHYSIOGRAPHIC PROVINCES.....	173			
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	361	451	469	488
	600	691		
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PILEs (FOUNDATIONS).....	202	576		
PINE TREES.....	129			
PINGOS.....	118	307	388	443
	559	652		
PINK SALMON.....	103	137	175	295
	297	337	372	612
	613	631	655	658
	663	664	753	
PIPE FOUNDATIONS.....	78			
PIPELINES.....	48	118	305	307
	314	420	437	
PLACER MINING.....	37	104	117	190
	336	429	543	746
PLANKTON.....	117	248	470	598
	600	672		
PLANNING.....	662			
PLANT DISEASES.....	93			
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PLANT GROWTH.....	228	234	250	251
	264	293	329	343
	404	478	479	480
PLANT MORPHOLOGY.....	228	731		
PLANT PHYSIOLOGY.....	142	493		
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	291	299	329	490
	539	577	611	614
	738	741		
PLANT TISSUES.....	404			
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PLEISTOCENE EPOCH.....	97	121	255	262
	290	374	376	436
	525	539	542	677
	732			
PODZOLS.....	254	356	415	548
POLLEN.....	214	444	450	525
	539			
POLLUTANT IDENTIFICATION.....	140	193		
POLLUTANTS.....	144	535	600	
POLLUTION ABATEMENT.....	140	431		
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POPULATION.....	58	62	65	68
	70	102	111	120
	139	145	146	278
	314	338	383	384
	419	420	439	442
	526	527	549	570
	601	602	724	
PORE PRESSURE.....	38	51	52	64
POROSITY.....	356			
POTASSIUM.....	116	123	169	174
	254	264	286	328
	352	356	415	418
	427	557	558	561
	562	563	564	565
	582	599	600	629
	650	666	672	
POTATOES.....	141	312		
POWERPLANTS.....	113	331	391	
PRECIPITATION (ATMOSPHERIC).....	4	6	17	29
	49	71	74	97
	100	107	108	112
	130	132	133	138
	139	141	143	144
	145	146	148	154
	156	163	169	172
	186	194	204	205
	207	213	218	221
	222	238	239	242
	247	264	274	277
	278	279	282	286
	288	301	303	309
	315	319	321	326
	335	338	341	342
	360	369	371	374
	376	377	378	379
	384	386	391	405
	408	409	416	417
	439	440	442	448
	450	454	456	459

PRECIPITATION (ATMOSPHERIC).....	461	485	525	545
	548	556	574	583
	584	585	586	587
	588	596	604	615
	616	628	638	645
	657	664	670	675
	684	685	736	738
	746			
PRECIPITATION INTENSITY.....	17	89	556	
PREDATION.....	6	65	68	145
	146	149	168	183
	230	231	260	295
	319	370	383	384
	400	481	526	634
	636	637	659	660
	664	724		
PRESERVATION.....	146	334		
PRIMARY PRODUCTIVITY.....	14	22	211	361
	395	451	468	470
	488	672	690	691
PROBABILITY.....	277	279	280	
PROBABLE MAXIMUM PRECIPITATION.....	408	615	616	
PRODUCTIVITY.....	5	14	22	37
	62	70	81	149
	156	168	200	228
	265	364	428	465
	468	478	488	490
	598	629	634	642
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	452			
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QUARNARY PERIOD.....	255			
QUATERNARY PERIOD.....	73	96	97	115
	256	262	336	444
	542	553	573	581
	618	646	649	651
	665	667	674	676
	678			
QUATERTZ.....	255			

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	685			
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RAINBOW TROUT.....	136	157	161	167
	753			
RAINFALL.....	277	279	408	
RAINFALL INTENSITY.....	321	556		
RAINFALL-RUNOFF RELATIONSHIPS.....	138	172	342	
RANGES.....	62	68	77	168
	232	275	313	465
	482			
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RASPBERRIES.....	110	288		
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REMOTE SENSING.....	2	3	54	91
	149	152	155	179
	193	201	212	257
	304	320	327	343
	472	555	634	635
	639	661	675	
REPRODUCTION.....	5	7	145	146
	149	183	248	305
	306	307	319	375
	384	403	465	472
	492	605	636	637
	642	724		
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	228	249	298	336
	460	741		
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	36	40	41	107
	145	342	575	624
	626			
RIVER BEDS.....	448			
RIVER FLOW.....	71	106	143	347
	467	623		
RIVER FORECASTING.....	347			
RIVER SYSTEMS.....	97	128	136	152
	154	155	193	194
	305	306	307	315
	338	339	445	549
RIVERS.....	19	20	25	35
	86	107	127	147
	173	207	263	286
	306	314	322	324
	325	326	347	358
	373	394	420	443
	467	546	599	600
	651	659	669	673
	675			
ROAD CONSTRUCTION.....	29	50	66	159
	161	249	263	267
	269	300	369	434
	459	460	554	596
ROAD DESIGN.....	118	267	388	405
ROADS.....	82	118	268	412
	434	651	688	
ROCK PROPERTIES.....	555	617		
ROCKS.....	571			
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	590	591	594	
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RUNOFF.....	1	4	10	13
	15	16	97	107
	112	138	172	174
	186	201	212	213
	218	247	296	310
	321	389	485	497
	546	560	561	562
	565	570	600	615
	616			
RUNOFF FORECASTING.....	201			
RUNWAYS.....	321	388	389	
SALINE WATER.....	558	666		
SALINITY.....	103	486	490	601
	663			
SALMON.....	11	28	71	72
	105	136	137	159
	161	167	175	178
	179	190	219	260
	261	295	297	338
	348	349	354	355
	357	367	372	382
	394	402	490	601
	613	631	654	655
	658	659	663	664
	695	722	744	753
SALMONIDS.....	105			
SALTS.....	653	666		
SAMPLING.....	167	385	404	455
	604	607		
SANDS.....	115	116	141	166
	265	336	405	415
	418	444	551	563
	566	575	580	624
SANDSTONES.....	73	651	687	
SANITARY ENGINEERING.....	317			
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	220	613		
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	619			

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SEDIMENT DISTRIBUTION.....	678			
SEDIMENT LOAD.....	163	171	296	485
	582	599	669	
SEDIMENT TRANSPORT.....	116	148	171	202
	341	344	438	463
	665			
SEDIMENT YIELD.....	296	463		
SEDIMENTARY ROCKS.....	96	100	119	192
	255	262	318	376
	442	550	552	555
	575	578	580	581
	646	649	651	666
	687	735	746	
SEDIMENTARY TUFF.....	687			
SEDIMENTATION.....	107	116	296	344
	388	438	444	539
	552	613	651	665
	667	674	678	
SEDIMENTATION RATES.....	444			
SEDIMENTOLOGY.....	746			
SEDIMENTS.....	74	115	148	187
	190	374	390	423
	425	622	624	626
	678			
SEED TREATMENT.....	450			
SEEDS.....	111	112	142	189
	214	215	237	238
	240	250	278	298
	440	450	591	607
	638	640		
SEEPAGE.....	270			
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SEISMIC WAVES.....	60	541	601	748
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SEISMOLOGY.....	60	75	320	406
	532	533	537	540
	541	609	621	680
	747	748	752	
SETTLING BASINS.....	117	190	317	
SEWAGE.....	600			
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SEWAGE DISPOSAL.....	61	114	485	599
SEWAGE EFFLUENTS.....	19	113	317	
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	687			
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SHEEFISH.....	27	28	136	337
	697	753		
SHEEP.....	62	168	656	660
SHOALS.....	194			
SHORE BIRDS.....	314	597		
SHRIMP.....	286			
SHRUBS.....	57	109	147	166
	206	240	307	328
	343	442	456	577
	611	636	738	739
SILICA.....	104	116	286	415
	557	561	562	563
	564	565	582	600
	650			
SILICATES.....	666			
SILTING.....	316	345	354	400
	401	599		
SILTS.....	115	116	141	145
	166	181	264	265
	290	336	371	374
	376	390	405	415
	418	436	444	542
	548	551	563	566
	575	576	580	596
	622	624	626	627
	648	665	667	676
	678	744	753	
SILVER SALMON.....	26	137	156	157
	159	161	175	178
	337	753		
SITES.....	191	207	278	376
	420	440		
SIZE.....	97	102	191	193
	278	307	333	424
	441	442	492	493
	495	497	498	504
	506	509	511	512
	514	544	592	681
	697	724		
SLOPES.....	132	133	139	141
	147	166	215	306
	319	343	371	418
	622	652	657	

SLUDGE.....	53	317		
SLUICES.....	37	190		
SMALL ANIMALS (MAMMALS).....	145	215	327	373
	375	450	531	589
	590	681		
SMALL GAME.....	71	110	183	327
	515			
SMOKE.....	244	584	745	
SMOLT.....	105	722		
SNAILS.....	187	316	425	
SNOW.....	69	102	104	139
	151	152	154	188
	204	215	223	278
	287	292	319	322
	342	375	411	421
	448	466	584	707
	708	711	714	716
	717	720		
SNOW COVER.....	6	69	108	138
	145	146	147	152
	155	156	162	170
	193	194	201	223
	263	264	270	283
	287	300	305	306
	307	315	322	324
	325	326	339	371
	373	375	377	378
	379	405	411	422
	435	442	454	466
	467	472	528	531
	586	587	588	615
	616	643	673	685
	738			
SNOW REMOVAL.....	268	365		
SNOW SURVEYS.....	203	223	283	285
	411	460	462	
SNOWFALL.....	7	49	97	146
	153	365	377	378
	379	416	417	461
	531	584	585	586
	587	588	604	628
	738			
SNOWMELT.....	1	4	138	187
	201	485	615	616
	685			
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	303	411	615	616
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	635			

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	175	178	260	261
	659	753		
SODIUM.....	116	169	174	286
	352	356	415	418
	557	558	561	562
	563	564	565	582
	599	600	650	666
	672			
SOFTWOOD.....	45	94	109	245
SOIL ANALYSIS.....	33	141	235	258
	264	328	415	629
	742			
SOIL CHEMICAL PROPERTIES.....	733	734		
SOIL CHEMISTRY.....	33	85	87	123
	141	168	225	235
	248	254	258	265
	328	356	415	418
	427	475	629	
SOIL CLASSIFICATION.....	74	346		
SOIL CONSERVATION.....	275			
SOIL DENSITY.....	84	258	265	356
	418	629		
SOIL ENGINEERING.....	118	388	418	
SOIL ENVIRONMENT.....	240	483		
SOIL EROSION.....	351	389	648	
SOIL FORMATION.....	258	264	415	418
	427	548	629	
SOIL GROUPS.....	29	418		
SOIL HORIZONS.....	33	254	258	264
	336	356	415	418
	474	629		
SOIL MANAGEMENT.....	418			
SOIL MECHANICS.....	118	576		
SOIL MOISTURE.....	33	51	52	64
	84	85	141	142
	155	166	213	224
	264	288	307	319
	321	356	415	418
	456	548	593	596
	608	734		
SOIL PHYSICAL PROPERTIES.....	225	321	346	356

	388	415	418	729
	734			
SOIL PROFILES.....	33	84	87	166
	224	254	264	346
	356	376	405	418
	427	474	652	667
SOIL PROPERTIES.....	64	74	118	234
	254	342		
SOIL STABILITY.....	321			
SOIL STRUCTURE.....	321	474		
SOIL SURVEYS.....	54	141	275	308
	346	356	418	474
	483			
SOIL TEMPERATURE.....	51	52	64	84
	85	87	222	248
	251	264	288	373
	429	450	460	554
	563	586	587	588
	608	657	729	
SOIL TESTS.....	418			
SOIL TEXTURE.....	33	84	141	142
	166	196	254	264
	265	321	328	356
	388	390	415	418
	474	548	576	734
SOIL TYPES.....	114	141	166	224
	227	254	258	336
	346	388	415	456
	536	548	611	734
SOIL WATER.....	193	450	576	
SOIL WATER MOVEMENT.....	51			
SOILS.....	29	48	51	52
	64	75	79	104
	108	112	118	132
	133	138	145	146
	166	172	193	224
	225	254	258	264
	270	288	289	306
	307	308	321	327
	329	336	342	343
	346	351	369	374
	376	388	390	405
	415	429	440	442
	448	450	456	457
	474	475	536	571
	608	611	648	652
	657	667	669	679

SOLAR RADIATION.....	49	50	97	112
132	133	135	150	
152	154	193	194	
205	206	213	238	
288	319	359	375	
440	448	450	466	
528	603	606	616	
675	738	739	749	
	754			
SOLID WASTES.....	61	114	433	
SOLIFLUCITION.....	74	115	118	147
	374	548	729	
SONG BIRDS.....	314	420		
SOUND WAVES.....	134			
SPATIAL DISTRIBUTION.....	329			
SPAWNING.....	11	23	24	26
	27	28	32	36
	40	41	46	72
	80	88	103	136
	139	156	158	159
	160	161	175	177
	178	179	185	190
	198	210	219	260
	261	295	297	316
	337	345	354	355
	357	372	382	393
	394	399	400	423
	424	425	491	492
	497	546	547	601
	612	613	631	654
	655	658	659	663
	664	696	697	712
	718	722	723	744
SPECIFIC GRAVITY.....	238	555		
SPECTROSCOPY.....	363			
SPILLWAYS.....	615			
SPORES.....	288	525		
SPORT FISH.....	167	177	178	179
	180	354	656	
SPORT FISHING.....	23	24	26	40
	81	136	156	157
	159	161	170	175
	177	185	334	345
	598	600	698	699
	701	703	705	707
	708	711	715	716
	717	718	719	720
	721			

SPRING.....	102	604	606	653
SPRING WATERS.....	471	497	546	
SPRINGS.....	31	42	163	286
	316	336	354	394
	405	557	558	644
	650	666	675	
SPRUCE TREES.....	94	134	145	189
	215	245	254	298
	444	577	638	640
	643			
SQUIRRELS.....	5	110	111	278
	307	453	591	638
	640	643		
STABILIZATION.....	66			
STAGE-DISCHARGE RELATIONS.....	10	13	15	16
	216	341	342	560
	685			
STATIONS.....	287	315	322	339
	567			
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	322	324	325	339
	404	420	439	440
	441	525	527	639
STONEFLIES.....	8	286	393	421
	425			
STORAGE.....	163	543		
STORMS.....	138	153	304	408
	409	410	461	583
	584	585	588	616
STRAIN.....	572			
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	318	336	376	444
	525	550	551	552
	578	579	580	646
	649	651	687	
STREAM EROSION.....	202	316	612	613
STREAM FISHERIES.....	23	24	25	26
	28	30	81	156
	158	160	170	177
	179	180	185	198
	260	261	297	348
	349	352	354	357
	402	600	658	659
	698	699	700	701
	702	704	707	709
	710	711	712	713
	716	719	721	722

STREAM GAGES.....	10	13	15	16
	17	71	107	148
	174	195	202	203
	216	220	247	335
	341	467	469	556
	560	561	562	564
	565	567	568	583
	645	684	685	
STREAMBEDS.....	11	13	15	16
	23	37	41	42
	89	103	104	107
	147	195	196	198
	199	202	217	218
	219	220	221	266
	286	297	368	399
	400	401	599	600
	612	613	663	664
	675			
STREAMFLOW.....	1	10	11	13
	15	16	20	23
	26	37	38	42
	90	103	104	107
	113	116	132	138
	148	152	154	169
	171	172	174	195
	203	213	218	219
	220	221	247	266
	272	286	295	316
	335	338	341	342
	345	347	352	353
	354	368	371	396
	399	401	429	485
	556	560	561	562
	564	565	567	568
	582	583	600	612
	613	615	631	633
	637	645	658	664
	668	672	684	685
	704	706	715	
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	33	38	42	71
	104	116	132	136
	147	148	171	183
	186	190	193	198
	212	215	225	247
	263	266	272	284
	297	307	316	319
	335	336	344	345
	350	353	364	366
	368	371	374	388
	394	399	400	401

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	463	485	490	491
	496	497	544	546
	547	560	561	562
	564	565	582	600
	601	612	613	631
	663	664	684	686
	744	753		
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	579	580	581	609
	617	620	621	646
	649	651	683	687
	735	746	752	
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	608	629		
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	561	562	563	564
	565	582	599	600
	650			
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	99	305	306	314
	359	420	435	439

	455	500	501	503
	504	505	506	507
	508	509	510	511
	512	513	514	515
	516	517	518	519
	520	521	522	519
	753			
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	668			
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	113	116	117	148
	163	169	171	174
	187	296	310	341
	344	446	463	485
	488	561	562	564
	565	582	599	600
	644	663	664	
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	611	731		
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	497	498	544	547
	592			
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	74	97	101	102
	108	112	130	131
	132	133	134	135
	145	146	150	151
	152	153	154	155
	188	189	193	194
	200	207	214	278
	288	305	307	315
	319	324	325	326
	338	359	365	369
	371	373	374	375
	376	384	386	404
	416	417	421	422
	425	440	441	442
	446	448	450	454
	456	485	525	527
	528	548	601	602
	603	604	606	608
	657	675	711	745
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	635	636	637	638
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	667	683		
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	155	166	181	194
	223	271	305	315
	319	322	324	325
	326	339	342	351
	371	375	389	390
	412	442	445	448
	460	543	554	596
	625	645	675	729
	734			
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	749	750	754	
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	99	107	114	135
	138	147	152	166
	172	173	192	193
	206	207	224	270
	302	303	305	307
	314	319	327	328
	369	373	384	388
	425	442	456	533
	534	548	556	578
	579	580	594	611
	619	624	645	648
	651	652	688	736
	738	739	740	743
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	524	570	688	746
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	520	632	634	635
	637			
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	64	65	71	84
	85	92	93	94
	95	141	147	166
	182	206	237	238
	240	251	293	298
	328	329	343	577
	629	738	739	741
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	207	215	226	227
	229	234	254	305
	307	314	319	334
	351	370	373	374
	384	387	412	420
	425	442	444	454
	456	464	474	477
	479	480	548	577
	603	611	669	670
	679	682	734	738

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	21	33	37	104
	113	117	187	190
	194	364	399	421
	423	425	430	598
	599	600	686	753
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	67	71	76	99
	108	112	120	129
	134	135	138	139
	141	142	145	146
	147	149	166	168
	172	181	183	188
	193	206	207	214
	215	226	227	232
	233	234	235	240
	247	248	254	262
	264	275	288	291
	293	299	305	306
	307	314	319	327
	328	329	334	336
	342	343	351	358
	368	369	370	371
	375	376	383	384
	385	386	387	388
	395	396	415	418
	420	425	427	428
	436	439	440	442
	444	445	448	454
	456	457	460	464
	472	476	477	478
	479	480	482	523
	525	531	539	559
	577	593	594	595
	596	600	603	604
	608	611	614	635

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	645	646	648	651
	652	657	669	679
	724	731	733	734
	738	739	741	742
	746			
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	484	485	543	546
	675	711		
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	22	26	27	31
	33	37	41	42
	46	86	104	116
	163	174	187	198
	200	211	219	225
	235	248	286	310
	316	317	335	341
	352	354	361	363
	364	394	395	401
	432	446	451	452
	470	487	557	558
	561	562	563	564
	565	582	598	599
	600	644	650	666
	668	672	689	690
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	15	16	19	20
	21	22	23	24
	26	31	37	39
	40	41	42	46
	86	103	104	106
	107	113	116	156
	158	160	169	170
	171	174	175	178
	180	187	194	198
	211	219	235	248
	260	261	266	286
	316	317	326	335
	337	341	342	345
	350	352	353	354
	357	361	362	364
	366	368	382	394
	395	399	401	432
	451	467	469	470
	486	491	492	497
	546	547	557	558
	561	562	564	565
	582	583	598	600
	644	650	653	655
	663	666	668	672
	686	696	706	707
	709	718	721	722
	749			
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	563	569	574	
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	331	391	431	458
	527	749	750	
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	563	569	574	
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	337	376	387	420
	439	443	445	742
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	107	114	138	169
	172	203	206	213
	236	247	303	321
	328	341	342	346
	389	396	600	616
	651	659	672	684

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	461	583	616	
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	319	381	384	403
	526	605	606	
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	97	109	110	111
	112	120	129	142
	145	146	166	181
	182	188	193	214
	238	240	264	273
	278	288	369	375
	376	404	440	442
	448	449	450	456
	600	603	604	607
	608	724	727	734
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	307	421	423	425
	426	492	499	753
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	465	589	590	630
	636	638	641	646
	651	656	662	682
	725			
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	635	637	639	642
	660			
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	120	129	145	146
	188	215	240	250
	264	288	306	307
	314	319	337	343
	383	385	387	420
	442	449	456	595
	597	604	679	727
	734			

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	207	274	283
	324	365	373
	378	379	417
	461	527	528
	584	585	586
	588	606	616
	686	738	749
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	108	112	130
	132	133	134
	150	152	153
	182	194	204
	306	322	324
	326	374	377
	379	380	413
	442	454	461
	527	528	545
	585	586	587
	616	665	670
	738	745	
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