	RUSSIA'S RING OF FIRE #1621 27 May - 8 June 2016 Species	Area of Occurrence	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
1	**WILLOW GROUSE (WILLOW PTARMIGAN)** *Lagopus lagopus*	OH, KM, CH					1																									
2	**ROCK PTARMIGAN** *Lagopus muta*	CM, KM, CH				H																										
3	**BLACK-BILLED CAPERCAILLIE** *Tetrao urogalloides*	OH, KM																														
4	**TAIGA BEAN GOOSE** *Anser fabalis*	KM, CH																														
5	**TUNDRA BEAN GOOSE** *Anser serrirostris*	KM, CH																														
6	**GREATER WHITE-FRONTED GOOSE** *Anser albifrons*	KM, CH																														
7	**SNOW GOOSE** *Anser caerulescens*	CH, WR																														
8	**EMPEROR GOOSE** *Anser canagicus*	CH																														
9	**BRENT GOOSE** *Branta bernicla*	OH, KM, CH, WR																														
10	**LESSER CANADA GOOSE** *Branta canadensis parvipes*	KM, KL																														
11	**WHOOPER SWAN** *Cygnus cygnus*	CH																														
12	**WHISTLING SWAN** *Cygnus columbianus columbianus*	CH																														
13	**FALCATED TEAL** *Anas falcate*	OH, KL, KM																														
14	**EURASIAN WIGEON** *Anas Penelope*	OH, KL, KM, CH					6		A=		1																					
15	**AMERICAN WIGEON** *Anas americana*	KM, CH																														
16	**MALLARD** *Anas platyrhynchos*	OH, KL, CM, KM, CH			4	1	A=		2			2	6	6																		
17	**NORTHERN SHOVELER** *Anas clypeata*	OH, KL, KM, CH																														
18	**NORTHERN PINTAIL** *Anas acuta*	OH, KL, KM, CH			2	2	2				1																					
19	**EURASIAN TEAL** *Anas crecca*	OH, KL, CM, KM, CH			2		4		2		8																					
20	**TUFTED DUCK** *Aythya fuligula*	OH, KL, KM, CH							3		2		6																			

KEY OF ABBREVIATIONS

A 1-10, A= c10-15, A- about 15-30, A+ c80-100, B 10-100, B= more than a hundred, B- low hundreds, C 100-1000, C- low thousands, C+ high thousands, D tens of thousands (i.e. 10,000-100,000), D= more than ten thousand, D- low tens of thousands, D+ high tens of thousands, E hundreds of thousands (i.e. 100,000-1,000,000), H Heard Only

	RUSSIA'S RING OF FIRE #1621 27 May - 8 June 2016 Species	Area of Occurrence	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
21	**GREATER SCAUP** *Aythya marila*	KL, KM, CH					6	A-	A		1	A-																				
22	**STELLER'S EIDER** *Polysticta stelleri*	KM, CH																														
23	**SPECTACLED EIDER** *Somateria fischeri*	CH, WR																														
24	**KING EIDER** *Somateria spectablis*	KM, CH, WR																														
25	**COMMON EIDER** *Somateria mollissima*	OH, CM, KM, CH, WR				A-																										
26	**HARLEQUIN DUCK** *Histrionicus histrionicus*	OH, KL, CM, KM, CH			A	A		A			A=	A-	6	B-																		
27	**WHITE-WINGED SCOTER** *Melanitta deglandi stejnegeri*	OH, KL, KM, CH	A-						A-			A-	2	A-																		
28	**BLACK SCOTER** *Melanitta americana*	OH, KL, KM, CH					A=				8	A	2	A-																		
29	**LONG-TAILED DUCK (OLDSQUAW)** *Clangula hyemalis*	KM, CH, WR																														
30	**COMMON GOLDENEYE** *Bucephala clangula*	OH, KL, KM, CH					4		2					6																		
31	**SMEW** *Mergellus albellus*	OH, KM					1	1																								
32	**GOOSANDER (COMMON MERGANSER)** *Mergus merganser*	OH, KL, KM, CH																														
33	**RED-BREASTED MERGANSER** *Mergus serrator*	OH, KL, CM, KM, CH			2	2	A-					2																				
34	**RED-THROATED DIVER (RED-THROATED LOON)** *Gavia stellata*	OH, KL, CM, KM, CH, WR					B=	3				3	1	A-																		
35	**BLACK-THROATED DIVER (ARCTIC LOON)** *Gavia arctica*	OH, KL, KM, CH																														
36	**PACIFIC DIVER (PACIFIC LOON)** *Gavia pacifica*	KM, CH												A-																		
37	**WHITE-BILLED DIVER (YELLOW-BILLED LOON)** *Gavia adamsii*	KM, CH							2		1		1	1																		
38	**LAYSAN ALBATROSS** *Phoebastria immutablis*	KL, CM, KM		A	A	A	5	A-	A-	A	B	A	2																			
39	**BLACK-FOOTED ALBATROSS** *Phoebastria nigripes*	KL, CM, KM								1	1																					
40	**SHORT-TAILED ALBATROSS** *Phoebastria albatrus*	KL, CM, KM							1	6	5	2																				

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41	SLAVONIAN GREBE (HORNED GREBE) *Podiceps auritus*	KM, CH																														
42	NORTHERN FULMAR *Fulmarus glacialis*	OH, KL, CM, KM, CH, WR		B+	B	B	B-	B	C	C+	D+	B	A	B																		
43	MOTTLED PETREL *Pterodroma inexpectata*	CM, KM																														
44	SOOTY SHEARWATER *Puffinus griseus*	KL, CM, KM, CH						2																								
45	SHORT-TAILED SHEARWATER *Puffinus tenuirostris*	OH, KL, CM, KM, CH, WR		A-	A-	A-	1	B	A	A-	B	B	B+	C																		
46	LEACH'S STORM-PETREL *Oceanodroma leucorhoa*	OH, KL, CM, KM							6	A	1																					
47	FORK-TAILED STORM-PETREL *Oceanodroma monorhis*	OH, KL, CM, KM, CH		A+		3	A-		B=	A	A+			1																		
48	RED-NECKED GREBE *Podiceps grisegena*	OH, KL, KM										1																				
49	SLAVONIAN GREBE (HORNED GREBE) *Podiceps nigricollis*	OH, KL, KM																														
50	GREY HERON *Ardea cinerea*	OH, KL																														
51	GREAT EGRET *Ardea alba*	OH																														
52	TEMMINCK'S CORMORANT *Phalacrocorax filamentosus*	KL											A=	6																		
53	PELAGIC CORMORANT *Phalacrocorax pelagicus*	OH, KL, CM, KM, CH	A		A	B-	A	A	A	2	A=	A	6	A-																		
54	RED-FACED CORMORANT *Phalacrocorax urile*	KL, CM, KM			B-	A			6		2	6																				
55	HOBBY *Falco subbuteo*	OH, KM																														
56	GYRFALCON *Falco rusticolus*	KM, CH																														
57	PEREGRINE FALCON *Falco peregrinus*	OH, KL, CM, KM, CH						2			2		1																			
58	OSPREY *Pandion haliaetus*	OH						1					1																			
59	BLACK-EARED KITE *Milvus lineatus*	OH, KL											1																			
60	WHITE-TAILED EAGLE *Haliaeetus albicilla*	OH, KL, KM, CH										A-	7	5																		

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61	**STELLER'S SEA EAGLE** *Haliaeetus pelagicus*	OH, KL, KM, CH					7	5				2																				
62	**EUROPEAN SPARROW-HAWK** *Accipter nisus*	OH, KL, KM																														
63	**NORTHERN GOSHAWK** *Accipiter gentiles*	OH, KM																														
64	**EASTERN BUZZARD** *Buteo japonicu s*	KL											1																			
65	**ROUGH-LEGGED BUZZARD** *Buteo lagopus*	OH, KL, KM, CH																														
66	**GOLDEN EAGLE** *Aquila chrysaetos*	OH, KM, CH																														
67	**SANDHILL CRANE** *Grus Canadensis*	KM, CH																														
68	**EURASIAN OYSTERCATCHER** *Haematopus ostralegus*	OH, KM																														
69	**PACIFIC GOLDEN PLOVER** *Pluvialis fulva*	KM, CH																														
70	**GREY PLOVER (BLACK-BELLIED PLOVER)** *Pluvialis squatarola*	KM, CH, WR																														
71	**COMMON RINGED PLOVER** *Charadrius hiaticula*	KM, CH											1																			
72	**SEMIPALMATED PLOVER** *Charadrius semipalmatus*	CH																														
73	**LITTLE RINGED PLOVER** *Charadrius dubius*	OH											2																			
74	**LONG-BILLED PLOVER** *Charadrius placidus*	KL																														
75	**LESSER SAND PLOVER (MONGOLIAN PLOVER)** *Charadrius mongolus*	CM, KM, CH			6								2																			
76	**LATHAM'S SNIPE** *Gallinago hardwickii*	KL										1	A=	2																		
77	**COMMON SNIPE** *Gallinago gallinago*	OH, CM, KM, CH					3																									
78	**LONG-BILLED DOWITCHER** *Limnodromus scolopaceus*	CH																														
79	**BLACK-TAILED GODWIT** *Limosa limosa*	OH, KM					2																									
80	**BAR-TAILED GODWIT** *Limosa lapponica*	CH																														

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81	**WHIMBREL** *Numenius phaeopus*	CH																														
82	**FAR EASTERN CURLEW** *Numenius madagascariensis*	OH, KM					2																									
83	**GREENSHANK** *Tringa nebularia*	OH, KL, KM					1		2																							
84	**REDSHANK** *Ficedula mugimaki*	OH																														
85	**WOOD SANDPIPER** *Tringa glareola*	OH, KL, KM, CH				1																										
86	**GREY-TAILED TATTLER** *Heteroscelus brevipes*	KM, CH			6							3		1	1																	
87	**TEREK SANDPIPER** *Xenus cinereus*	KM, CH																														
88	**COMMON SANDPIPER** *Tringa hypoleucos*	OH, KL, KM, CH				1	1	1	1			1			2																	
89	**RUDDY TURNSTONE** *Arenaria interpres*	CH, WR																														
90	**GREAT KNOT** *Calidris tenuirostris*	KM, CH																														
91	**RED KNOT** *Calidris canutus rogersi*	KM, CH																														
92	**SEMIPALMATED SANDPIPER** *Calidris pusilla*	CH																														
93	**WESTERN SANDPIPER** *Calidris mauri*	CH																														
94	**RED-NECKED STINT** *Calidris ruficollis*	KM, CH			8	2	A=						1																			
95	**TEMMINCK'S STINT** *Calidris temminckii*	KM, CH																														
96	**LONG-TOED STINT** *Calidris subminuta*	CM, KM, CH					3				1																					
97	**BAIRD'S SANDPIPER** *Calidris bairdii*	CH																														
98	**PECTORAL SANDPIPER** *Calidris melanotos*	CH																														
99	**ROCK SANDPIPER** *Calidris ptilocnemis*	CM, CH			10																											
100	**DUNLIN** *Calidris alpine sakhalina*	CM, KM, CH, WR			A-																											

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101	**SPOON-BILLED SANDPIPER** *Eurynorhynchus pygmaeus*	KM, CH																														
102	**RUFF** *Philomachus pugnax*	KM, CH																														
103	**GRAY PHALAROPE (RED PHALAROPE)** *Phalaropus fulicarius*	KL, CM, KM, CH, WR		A	A	A	A	B	A-	A-	6																					
104	**RED-NECKED PHALAROPE** *Phalaropus lobatus*	OH, KL, CM, KL, CH			A-	A-	6	B	6	1	1																					
105	**BLACK-TAILED GULL** *Larus crassirostris*	KL																														
106	**COMMON GULL (MEW GULL)** *Larus canus kamtschtschensis*	OH, KL, KM, CH					2																									
107	**GLAUCOUS-WINGED GULL** *Larus glaucescens*	KL, CM, KM	2	6	A	A	6	3	1	2		1	1																			
108	**GLAUCOUS GULL** *Larus hyperboreus*	OH, KL, KM, CH, WR				2																										
109	**VEGA GULL** *Larus vegae*	KL, KM, CH																														
110	**SLATY-BACKED GULL** *Larus schistisagus*	OH, KL, CM, KM, CH	A	A	A-	A-	B=	A	B=	B-	B	A+	A	A																		
111	**BLACK-HEADED GULL** *Larus ridibundus*	OH, KL, KM	A-		3		A				1																					
112	**ROSS'S GULL** *Rhodostethia rosea*	WR																														
113	**IVORY GULL** *Pagophila eburnea*	CH, WR																														
114	**SABINE'S GULL** *Xema sabini*	KM, CH, WR																														
115	**BLACK-LEGGED KITTIWAKE** *Rissa tridactyla pollicaris*	OH, KL, CM, KM, CH, WR	A-	A	B+	B+	A+	A	A-	A	C	C	A	A-																		
116	**RED-LEGGED KITTIWAKE** *Rissa brevirostris*	CM, KM			B-	A																										
117	**COMMON TERN** *Sterna Hirundo*	OH, KL, KM, CH		A=			B=																									
118	**ARCTIC TERN** *Sterna paradisaea*	OH, CM, KM, CH, WR		3		2																										
119	**ALEUTIAN TERN** *Sterna aleutica*	OH, KM, CH					14																									
120	**ARCTIC SKUA (PARASITIC JAEGER)** *Stercorarius parasiticus*	OH, KL, CM, KM, CH, WR		6		5	A=	5	6					2																		

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121	LONG-TAILED SKUA (LONG-TAILED JAEGER) *Stercorarius longicadus*	KL, KM, CH, WR		A=		2	5	8			2																					
122	POMARINE SKUA (POMARINE JAEGER) *Stercorarius pomarinus*	KL, KM, CH, WR		1		A-	A=																									
123	LITTLE AUK (DOVEKIE) *Alle alle*	KM, CH																														
124	COMMON GUILLEMOT (COMMON MURRE) *Uria aalge*	OH, KL, CM, KM, CH, WR	A	A	B	B	A	A	A-	A	B	A	1	2																		
125	BRÜNNICH'S GUILLEMOT (THICK-BILLED MURRE) *Uria lomvia*	OH, KL, CM, KM, CH, WR		A	A	B-	A	A	A	A	A	B	6	6																		
126	BLACK GUILLEMOT *Cepphus grille*	CH, WR																														
127	PIGEON GUILLEMOT *Cepphus columba*	OH, KL, WR, KM, CH	5		A	B-	4	B-	1			2	1	1																		
128	KURIL GUILLEMOT *Cepphus [columba] snowi*	KL						A-	2		A	A-		5																		
129	SPECTACLED GUILLEMOT *Cepphus carbo*	OH, KL, KM										2	1																			
130	KITTLITZ'S MURRELET *Brachyramphus brevirostris*	OH, KM, CH, WR						5																								
131	LONG-BILLED MURRELET *Brachyramphus marmoratus*	OH, KL, KM					10	4																								
132	ANCIENT MURRELET *Synthliboramphus antiquus*	OH, KL, CM, KM	A	6			2	10	A=	5		4		A-																		
133	CRESTED AUKLET *Aethia cristatella*	OH, KL, CM, KM, CH		A	A	A	A-	A	A	C	E	A																				
134	LEAST AUKLET *Aethia pusilla*	OH, CM, KM, CH			6	2								1																		
135	PARAKEET AUKLET *Aethia psittacula*	OH, KL, CM, KM, CH		2	A	A+		A-	A-	5	2		6																			
136	WHISKERED AUKLET *Aethia pygmaea*	OH, KL, CM				B		7	A=	C	D-	A																				
137	RHINOCEROS AUKLET *Cerorhinca monocerata*	OH, KL								2	1	2	8	B																		
138	HORNED PUFFIN *Fratercula corniculata*	OH, KL, CM, KM, CH, WR		8	A	B-	2	A-	4		1	6																				
139	TUFTED PUFFIN *Fratercula cirrhata*	OH, KL, CM, KM, CH, WR	A-	A	A+	A+	B	B	C	B	B	B	A-	A																		
140	ORIENTAL TURTLE DOVE *Streptopelia orientalis*	KL										3	2	A																		

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141	**EURASIAN CUCKOO** *Cuculus canorus*	OH, KL, KM, CH										H		6																		
142	**ORIENTAL CUCKOO** *Cuculus saturatus*	OH, KL, KM, CH										H		H																		
143	**SNOWY OWL** *Bubo scandiacus*	CH, WR																														
144	**BLAKINSTON'S FISH-OWL** *Ketupa blakistoni*	KL																														
145	**NORTHERN HAWK OWL** *Surnia ulula*	KM, OH																														
146	**PACIFIC SWIFT** *Apus pacificus*	OH, KL, KM											A-	6																		
147	**CRESTED KINGFISHER** *Ceryle lugubris*	KL												1																		
148	**JAPANESE PYGMY WOODPECKER** *Dendrocopos kizuki*	KL												1																		
149	**LESSER-SPOTTED WOODPECKER** *Dendrocopos minor*	OH, KL, KM																														
150	**WHITE-BACKED WOODPECKER** *Dendrocopus leucotos*	KL, KM																														
151	**GREAT SPOTTED WOODPECKER** *Dendrocopus major*	OH, KL, KM																														
152	**THREE-TOED WOODPECKER** *Picoides tridactylus*	KM, OH																														
153	**BROWN SHRIKE** *Lanius cristatus*	OH, KL, KM																														
154	**BULL-HEADED SHRIKE** *Lanius bucephalus*	OH, KL												3																		
155	**COMMON MAGPIE** *Pica pica*	KM																														
156	**SPOTTED NUTCRACKER** *Nucifraga caryocatactes*	OH, KL, KM									2	1																				
157	**CARRION CROW** *Corvus corone*	OH, KL, KM					A		2		3		1	1																		
158	**LARGE-BILLED CROW** *Corvus macrorhynchos*	KL										A	A-	5																		
159	**COMMON RAVEN** *Corvus corax*	OH, KL, CM, KM, CH, WR			3	2	A-		2		6	8	3																			
160	**JAPANESE TIT** *Periparus major*	KL																														

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161	**COAL TIT** *Periparus ater*	OH, KL, KM												6																		
162	**WILLOW TIT** *Poecile montanus*	OH, KL, KM												4																		
163	**SAND MARTIN (BANK SWALLOW)** *Riparia riparia*	OH, KL, KM																														
164	**BARN SWALLOW** *Hirundo rustica*	OH, KL, KM											A=																			
165	**NORTHERN HOUSE MARTIN** *Delichon urbicum*	OH, KM																														
166	**LONG-TAILED TIT** *Aegithalos caudatus*	OH, KL, KM												2																		
167	**SKYLARK** *Alauda arvensis*	OH, KL, KM					A=		H																							
168	**JAPANESE BUSH WARBLER** *Cettia diphone*	KL										1	1	2																		
169	**LANCEOLATED WARBLER** *Locustella lanceolata*	OH, KM																														
170	**MIDDENDORFF'S GRASSHOPPER WARBLER** *Locustella ochotensis*	OH, KL, KM							1			1																				
171	**GRAY'S GRASSHOPPER WARBLER** *Locustella fasciolata*	KL																														
172	**DUSKY WARBLER** *Phylloscopus fuscatus*	OH, KM, CH												1																		
173	**PALLAS' LEAF WARBLER** *Phylloscopus proregulus*	OH																														
174	**ARCTIC WARBLER** *Phylloscopus borealis*	OH, KM, CH																														
175	**KAMCHATKA LEAF WARBLER** *Phylloscopus borealis examinandus*	KL, KM							1				H	3																		
176	**TWO-BARRED WARBLER** *Phylloscopus plumbeitarsus*	OH																														
177	**EASTERN CROWNED WARBLER** *Phylloscopus coronatus*	KL												1																		
178	**GOLDCREST** *Regulus regulus*	KL												H																		
179	**EURASIAN WREN** *Troglodytes troglodytes*	KL												2																		
180	**PACIFIC WREN** *Troglodytes pacificus*	OH				H																										

	RUSSIA'S RING OF FIRE #1621 27 May - 8 June 2016 Species	Area of Occurrence	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28	Day 29	Day 30
181	**EURASIAN NUTHATCH** *Sitta europaea*	OH, KL, KM											1	4																		
182	**EURASIAN TREECREEPER** *Certhia familiaris*	KL												1																		
183	**CHESTNUT-CHEEKED STARLING** *Sturnus philippensis*	KL																														
184	**EYE-BROWED THRUSH** *Turdus obscurus*	OH, KM			1			A-						1																		
185	**BROWN-HEADED THRUSH** *Turdus chrysolaus*	KL						4	5		6	A-																				
186	**DUSKY THRUSH** *Turdus naumanii*	OH, KM, CH																														
187	**BLUETHROAT** *Luscinia svevica*	OH, KM, CH																														
188	**JAPANESE ROBIN** *Erithacus akahige*	KL										1	1																			
189	**SIBERIAN RUBYTHROAT** *Luscinia calliope*	OH, KL, KM			1	1		3	6		A-	7	1	3																		
190	**RED-FLANKED BLUETAIL** *Tarsiger cyanurus*	OH, KL, KM																														
191	**SWINHOE'S ROBIN** *Erithacus sibilans*	OH, KM						H																								
192	**SIBERIAN STONECHAT** *Saxicola maurus*	OH, KL											1	6																		
193	**NORTHERN WHEATEAR** *Oenantha oenanthe*	CH, WR																														
194	**GREY-STREAKED FLYCATCHER** *Muscicapa sibirica*	KL, KM																														
195	**DARK-SIDED FLYCATCHER** *Muscicapa sibirica*	OH, KL, KM						1	A=					4																		
196	**ASIAN BROWN FLYCATCHER** *Muscicapa daurica*	OH, KL, KM												1																		
197	**NARCISSUS FLYCATCHER** *Ficedula narcissina*	KL										20		2																		
198	**TAIGA FLYCATCHER** *Ficedula parva*	OH, KM, CH				1		2																								
199	**MUGIMAKI FLYCATCHER** *Ficedula mugimaki*	OH																														
200	**BROWN DIPPER** *Cinclus pallasii*	OH, KL, KM												H																		

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201	**HOUSE SPARROW** *Passer domesticus*	OH																														
202	**RUSSET SPARROW** *Passer rutilans*	KL																														
203	**EURASIAN TREE SPARROW** *Passer montanus*	OH, KL, KM			A-								A-																			
204	**SIBERIAN ACCENTOR** *Prunella montanella*	OH, KM																														
205	**JAPANESE ACCENTOR** *Prunella rubida*	KL											H																			
206	**“ALASKA” EASTERN YELLOW WAGTAIL** *Motacilla tschutschensis tschutschensis*	KM, CH, WR					2																									
207	**“KAMCHATKA” EASTERN YELLOW WAGTAIL** *Motacilla tschutschensis simillima*	CM, KM					5																									
208	**“GREEN-HEADED” EASTERN YELLOW WAGTAIL** *Motacilla tschutschensis taivana*	OH, KL																														
209	**GREY WAGTAIL** *Motacilla cinerea*	OH, KL, KM						1	4																							
210	**“EAST SIBERIAN” WHITE WAGTAIL** *Motacilla alba ocularis*	OH, KL, CM, KM, CH						2	2			2																				
211	**“BLACK-BACKED” WHITE WAGTAIL** *Motacilla alba lugens*	KL, KM			2	1		6	A=		A=	A-	6																			
212	**OLIVE-BACKED PIPIT** *Anthus hodgsoni*	OH, KL, KM					1	3	1																							
213	**PECHORA PIPIT** *Anthus gustavi*	CM, KM, CH			2	1			1																							
214	**RED-THROATED PIPIT** *Anthus cervinus*	OH, KL, CM, KM, CH																														
215	**BUFF-BELLIED PIPIT** *Anthus rubescens japonicus*	KL, KM, CH, WR			1				2		2	1																				
216	**BRAMBLING** *Fringilla montifringilla*	OH, KL, KM					3	3																								
217	**ORIENTAL GREENFINCH** *Carduelis sinica*	KL, KM					1	4	H		4	A-	6	1																		
218	**EURASIAN SISKIN** *Carduelius spinus*	OH, KL											2																			
219	**COMMON REDPOLL (MEALY REDPOLL)** *Carduelius flammes*	OH, KL, KM, CH						1																								
220	**ARCTIC REDPOLL (HOARY REDPOLL)** *Carduelius hornemanni*	CM, KM, CH, WR																														

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221	**ASIAN ROSY-FINCH** *Leucosticte arcota*	KM, CH																														
222	**GRAY-CROWNED ROSY FINCH** *Leucosticte tephrocotis*	CM				3																										
223	**LONG-TAILED ROSEFINCH** *Uragus sibiricus*	KL										2		3																		
224	**COMMON ROSEFINCH** *Carpodacus erythrinus*	OH, KL, KM					H		2																							
225	**PINE GROSBEAK** *Pinicola enucleator*	OH, KL, KM																														
226	**COMMON CROSSBILL (RED CROSSBILL)** *Loxia curvirostra*	KL																														
227	**"GREY-BELLIED" EURASIAN BULLFINCH**	KL										2	4	2																		
228	**HAWFINCH** *Coccothraustes coccothraustes*	KL											2																			
229	**LITTLE BUNTING** *Emberiza pusilla*	KM, CH																														
230	**RUSTIC BUNTING** *Emberiza rustica*	OH, KM				1	1	1																								
231	**YELLOW-BREASTED BUNTING** *Emberiza aureola*	OH, KM																														
232	**BLACK-FACED BUNTING** *Emberiza spodocephala*	KL									8	2	5	A																		
233	**GREY BUNTING** *Emberiza variabilis*	KL						1			5																					
234	**PALLAS'S REED BUNTING** *Emberiza pallasi*	KM, CH																														
235	**COMMON REED BUNTING** *Emberiza schoeniclus*	OH, KL, KM					1		A=		2																					
236	**LAPLAND BUNTING (LAPLAND LONGSPUR)** *Calcarius lapponicus*	CM, KM, CH, WR			A	4																										
237	**SNOW BUNTING** *Plectrophenax nivalis*	CM, KM, CH, WR				4		2	2																							
238	**JAPANESE MURRELET**													4																		
239	**COMMON KINGFISHER**													1																		
240	**RED-BILLED STARLING**								1																							

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241																																
242																																
243	EURASIAN RED SQUIRREL *Sciuris vulgaris*	KM, OH																														
244	BLACK-CAPPED MARMOT *Marmota camtschatica*	KM																														
245	ARCTIC GROUND SQUIRREL *Citellus parryi*	KM, CH																														
246	SIBERIAN CHIPMUNK *Tamias sibiricus*	OH																														
247	GREY RED-BACKED VOLE *Myodes rufocanus*	KM, OH, KL																														
248	NORTHERN RED-BACKED VOLE *Clethrionomys rutilus*	OH, KL, KM																														
249	TUNDRA VOLE *Microtus oeconomus*	OH, KL, KM, CH							1		1																					
250	LEMMING VOLE *Alticola lemminus*	CH																														
251	MUSKRAT *Ondatra zibethicus*	KM					3																									
252	SIBERIAN BROWN LEMMING *Lemmus sibiricus*	CH, WR																														
253	WOOD LEMMING *Myopus schisticolor*	KM, SH, OH																														
254	ARCTIC COLLARED LEMMING *Dicrostonyx torquatus*	CH, KM																														
255	WRANGEL LEMMING (VINOGRADOV'S LEMMING) *Dicrostonyx vinogradovi*	WR																														
256	NORTHERN PIKA *Ochotona hyperborean*	OH, KM, CH																														
257	MOUNTAIN HARE *Lepus timidus*	OH, KM, CH																														
258	CARIBOU (REINDEER) *Rangifer tarandus phylarchus*	OH, KM, CH, WR																														
259	SNOW SHEEP *Ovis nivicola*	KM, CH																														
260	MUSK OX *Ovibos moschatus*	WR																														

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261	GRAY WOLF *Canis lupis*	OH, KM, CH, WR																														
262	ARCTIC FOX *Alopex lagopus*	KL, CM, KM, CH, WR			4	3					A=																					
263	RED FOX *Vulpes vulpes*	OH, KL, KM												4																		
264	POLAR BEAR *Ursus maritimus*	CH, WR																														
265	BROWN BEAR *Ursus arctos*	OH, KL, KM, CH						1						3																		
266	LEAST WEASEL *Mustela nivalis*	OH, KL, KM, CH																														
267	SHORT-TAILED WEASEL (STOAT) *Mustela erminea*	OH, KL, KM, CH																														
268	WOLVERINE (GLUTTON) *Gulo gulo*	OH, KM, CH, WR																														
269	EURASIAN RIVER OTTER *Lutra lutra*	KM										1																				
270	SEA OTTER *Enhydra lutris*	KL, CM, KM			A+	A+	2	6	5		2	12	3																			
271	RINGED SEAL *Pusa hispida*	OH, KM, CH, WR																														
272	RIBBON SEAL *Phoca fasciata*	OH, KM, CH																														
273	HARBOR SEAL *Phoca vitulina*	KL, CM			A-	A-	6		6		4	6	1	2																		
274	SPOTTED SEAL (LARGHA SEAL) *Phoca larga*	OH, KL, KM, CH WR					A																									
275	BEARDED SEAL *Erignathus barbatus*	OH, KM, CH, WR																														
276	STELLER'S SEA LION (NORTHERN SEA LION) *Eumetopias jubatus*	KL, CM, KM			A	2		A	4		2	1																				
277	NORTHERN FUR SEAL *Callorhinus ursinus*	KL, CM, KM		2	B						1	1																				
278	WALRUS *Odobenus rosmarus divergens*	KM, CH, WR				-2																										
279	ORCA (KILLER WHALE) *Orcinus orca*	OH, KL, CM, KM CH,					1		30		25	3	23	15																		
280	HARBOR PORPOISE *Phocoena phpcoena*	OH, KL, CM, KM, CH, WR												A-																		

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281	DALL'S PORPOISE *Phocoenoides dalli*	OH, KL, CM, KM					6		1	A-	A-	A-	3	A-																		
282	BELUGA *Delphinapterus leucas*	OH, KM, CH																														
283	FALSE KILLER WHALE *Pseudorca crassidens*	KL																														
284	SHORT-BEAKED COMMON DOLPHIN *Delphinus delphis*	KL																														
285	STRIPED DOLPHIN *Stenella coeruleoalba*	KL																														
286	NORTHERN RIGHT WHALE DOLPHIN *Lissodelphis borealis*	KL																														
287	BAIRD'S BEAKED WHALE *Berardius bairdii*	CM, KM			17																											
288	STEJNEGER'S BEAKED WHALE *Mesoplodon stejnegeri*	CM												3																		
289	SPERM WHALE *Physter macrocephalus*	KL, CM, KM		1	1	3	2		1	1	1	1	2																			
290	BLUE WHALE *Balaenoptera musculus*	CM		4				2																								
291	FIN WHALE *Balaenoptera physalus*	OH, KL, CM, KM, CH		6			2							3																		
292	SEI WHALE *Balaenoptera borealis*	OH, KL																														
293	MINKE WHALE *Balaenoptera acutorostrata*	OH, KL, CM, KM, CH, WR												3																		
294	HUMPBACK WHALE *Megaptera novaeangliae*	CM, KM, CH				1	3	1																								
295	GRAY WHALE *Eschrichtius robustus*	OH, KM, CH, WR			1																											
296	NORTH PACIFIC RIGHT WHALE *Eubalaena japonica*	OH, CM																														
297	BOWHEAD WHALE *Balaena mysticetus*	OH, CH																														
298	SABLE						1																									
299																																