

## Subsistence Migratory Bird Species Potentially Exposed to the March 11, 2011 Japan Nuclear Accident (4/27)

**Note: It is highly unlikely that hunters will encounter any birds exposed to radiation from this accident.**

Millions of birds migrate to Alaska each summer and most have never been to Japan. Many other seabirds and sea ducks stay in Alaska all winter. For some birds like pintails, only a very small number of them may winter in Japan and then migrate to Alaska. Of the relatively few Alaska birds that may have been exposed to radiation in Japan, the likelihood of a bird living and migrating to Alaska is much less if the exposure was high. If a bird is exposed and healthy enough to migrate, much of the radiation will be eliminated by the time it gets to Alaska. We believe that there is very little chance that you will encounter a bird with radiation from Japan's power plant accident. However, if you are concerned you may check this list to find birds that normally do not occur in Japan and those that we know may have been exposed to radiation in Japan. This list is to help you understand the risk of exposure for each bird and choose the ones you feel are safe to eat.

Species	These Birds Do NOT Typically Occur in Japan (footnote 1)	North American Population Does NOT Typically Occur in Japan (footnote 2)	Some Birds in These Populations Migrate Between Japan and Alaska and Could Be Exposed to Radiation (footnote3)	Potential of Exposure Unknown (footnote 4)
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### Waterfowl

Greater White-fronted Goose		X		
Lesser Snow Goose	X			
Lesser Canada Goose	X			
Taverner's Cackling Goose	X			
Aleutian Cackling Goose		X		
Cackling Goose (Yukon Delta)	X			
Black Brant			VERY FEW (footnote 5)	
Tundra Swan		X		
Gadwall				X
Eurasian Wigeon				X
American Wigeon	X			
Mallard		X		
Blue-winged Teal	X			
Northern Shoveler		X		
Northern Pintail			VERY FEW	
Green-winged Teal				X
Canvasback	X			
Redhead	X			
Ring-necked Duck	X			
Greater Scaup			VERY UNLIKELY (footnote 6)	
Lesser Scaup	X			
King Eider	RARE IN HOKKAIDO			
Common Eider	X			
Harlequin Duck			VERY UNLIKELY	
Surf Scoter			VERY UNLIKELY	
White-winged Scoter			VERY UNLIKELY	
Black Scoter				X
Long-tailed Duck			X	
Bufflehead	X			
Common Goldeneye			VERY UNLIKELY	
Barrow's Goldeneye	X			

Hooded Merganser	X			
Common Merganser			VERY FEW	
Red-breasted Merganser			X	

### Waterbirds

Red-throated Loon			X	
Arctic Loon			X	
Pacific Loon			X	
Common Loon	X			
Yellow-billed Loon			X	
Horned Grebe				X
Red-necked Grebe				X

### Shorebirds

Black-bellied Plover		X		
Common Ringed Plover	X			
Black Oystercatcher	X			
Greater Yellowlegs	X			
Lesser Yellowlegs	X			
Spotted Sandpiper	X			
Ruddy Turnstone			X	
Long-billed Dowitcher	X			
Bar-tailed Godwit			X	
Semipalmated Sandpiper	X			
Western Sandpiper	X			
Least Sandpiper	X			
Baird's Sandpiper	X			
Sharp-tailed Sandpiper	X			
Dunlin			X	
Wilson's Snipe			X	
Red Phalarope	X			
Red-necked Phalarope	X			

### Seabirds

Northern Fulmar			X	
Double-crested Cormorant	X			
Pelagic Cormorant			X	
Pomarine Jaeger			X	
Parasitic Jaeger			X	
Long-tailed Jaeger			X	
Bonaparte's Gull	X			
Mew Gull			X	
Herring Gull			X	
Slaty-backed Gull			X	
Glaucous-winged Gull				X
Glaucous Gull			X	
Sabine's Gull				X
Black-legged Kittiwake			X	
Red-legged Kittiwake	X			
Ivory Gull	X			
Arctic Tern				X
Aleutian Tern			X	
Common Murre			X	

Thick-billed Murre			X	
Black Guillemot	X			
Pigeon Guillemot				X
Cassin's Auklet	X			
Least Auklet			X	
Whiskered Auklet			X	
Crested Auklet			X	
Rhinoceros Auklet			X	
Horned Puffin			X	
Tufted Puffin			X	

**Cranes**

Sandhill Crane	X			
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**Owls**

Great-horned Owl	X			
Snowy Owl	X			

**Subsistence Migratory Bird Species Closed to Harvest and Potentially Exposed to the Nuclear Accident**

Species	These Birds Do NOT Typically Occur in Japan (footnote 1)	North American Population Does NOT Typically Occur in Japan (footnote 2)	Some Birds in These Populations Migrate Between Japan and Alaska and Could Be Exposed to Radiation (footnote3)	Potential of Exposure Unknown (footnote 4)
<b>Waterfowl</b>				
Spectacled Eider	X			
Steller's Eider	X			
Emperor Goose	X			

**Waterbirds**

Yellow-billed Loon			X	
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**Shorebirds**

Pacific Golden-plover			X	
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**Footnotes:**

- (1) Known normal range of species or subspecies does not include Japan or nearshore marine waters.
- (2) Known normal range of the North American population does not include Japan or nearshore marine waters.
- (3) Normal timing of species annual cycle could result in some individuals of the species being present in eastern Honshu Island or adjacent marine waters during or after the March 11 nuclear accident.
- (4) Range of species, subspecies or population is insufficiently described to determine presence or absence in Japan or nearshore marine waters during or after the March 11 nuclear accident.
- (5) A small number of individuals of the species occur on Honshu Island at some point in the annual cycle.
- (6) Populations are believed to be local but some individuals may move between Japan and Alaska.