

Table D.10 Avian Species of Concern Potentially Found on or Near the Hanford Site—Ecology

Common Name	Occurrence ^(a)					Preferred Habitat ^(b)							Hanford Abundance ^(c)				
	YR	SP	SU	F	W	FW	PG	RC	RT	SD	SM	WM	C	U	R	A	AC
Aleutian Canada Goose				•	•	•			•								•
American Avocet		•	•	•							•		•				
American Bittern		•	•	•		•					•				•		
American Coot	•					•					•					•	
American Crow	•						•		•							•	
American Kestrel	•						•		•	•		•				•	
American Robin	•						•		•							•	
American White Pelican	•					•					•		•				
American Wigeon		•		•	•	•					•	•					•
Arctic Tern				•		•					•						
Ash-throated Flycatcher		•		•					•						•		
Bald Eagle				•	•	•			•				•				
Bank Swallow		•	•	•		•					•					•	
Barn Owl	•								•				•				
Barn Swallow		•	•	•			•		•		•					•	
Barred Owl		•		•					•			•					•
Barrow's Goldeneye					•	•									•		
Belted Kingfisher	•								•						•		
Bewick's Wren	•								•						•		
Black Tern		•		•		•					•				•		
Black-billed Magpie	•						•		•	•						•	
Black-crowned Night Heron	•					•			•		•				•		
Black-headed Grosbeak		•	•	•					•						•		
Black-necked Stilt		•				•			•								•
Black-throated Sparrow		•								•						•	
Brewer's Blackbird		•	•	•			•		•			•	•				
Brewer's Sparrow		•	•	•						•			•				
Brown-headed Cowbird		•	•	•			•		•						•		
Bufflehead		•		•	•	•										•	
Bullock's (formerly Northern) Oriole		•	•	•			•		•				•				
Burrowing Owl	•									•						•	
California Gull		•	•	•		•					•					•	
Canada Goose	•					•					•	•	•				
Caspian Tern		•	•			•					•				•		

(a) Fitzner and Gray (1991). In some instances, Ennor (1991) is used to supplement Fitzner and Gray (1991). Although these species were determined to be present on the Hanford Site using Ennor (1991), the definitions of occurrence [and/or abundance; see footnote (c) below] are generally according to Fitzner and Gray (1991). Additional sources, used only infrequently, are from the Hanford Biological Resources Laboratory and Ecosystem Monitoring Project data bases, Landeen et al. (1992), and Stephen Weiss (pers. comm. 1996).
 (b) Preferred habitats are from Ennor (1991). Additional sources, used only infrequently, are from the Hanford Biological Resources Laboratory and Ecosystem Monitoring Project data bases, TNC (1995), and Stephen Weiss (pers. comm. 1996).
 (c) Abundance categories were obtained from Fitzner and Gray (1991); however, definitions of rare, uncommon, and common were adapted from Landeen et al. (1992) as these authors provide more complete definitions. The "accidental" category was obtained from Landeen et al. (1992). Accidental = appears very infrequently and well outside its normal range; Rare = present in appropriate habitat only in small numbers, seldom seen or heard; Uncommon = usually present in appropriate habitat but not always seen or heard; Common = often seen or heard in appropriate habitat; Abundant = very often seen or heard in appropriate habitat. Additional sources, used only infrequently, are from the Hanford Biological Resources Laboratory and Ecosystem Monitoring Project data bases, Ennor (1991), and Landeen et al. (1992).
 (d) Possibly present on ALE in early 1970s. Not documented on Hanford since then (John Rotenberry, pers. comm. 1995). Farrand (1988) indicates that the sharp-tailed grouse is widespread but not conspicuous in grasslands, brush, and woodland edges.

Table D.10 Avian Species of Concern Potentially Found on or Near the Hanford Site—Ecology (continued)

Common Name	Occurrence ^(a)					Preferred Habitat ^(b)							Hanford Abundance ^(a)				
	YR	SP	SU	F	W	FW	PG	RC	RT	SD	SM	WM	C	U	R	A	AC
Clark's Grebe				•		•			•						•		
Cliff Swallow		•	•	•			•		•		•					•	
Common Goldeneye		•		•	•	•										•	
Common Loon	•					•								•			
Common Merganser	•					•										•	
Common Nighthawk			•	•			•			•		•				•	
Common Poorwill		•	•	•					•					•			
Common Raven	•								•	•		•				•	
Dark-eyed Junco		•		•	•		•		•			•				•	
Eastern Kingbird		•	•	•					•							•	
Ferruginous Hawk		•	•	•		•		•		•				•			
Flammulated Owl		•							•	•							•
Forster's Tern		•	•	•		•					•			•			
Franklin's Gull		•	•	•		•					•				•		
Golden Eagle	•							•	•	•				•			
Grasshopper Sparrow		•	•							•				•			
Great Blue Heron	•					•			•		•					•	
Great Egret		•	•			•			•		•				•		
Great-horned Owl	•						•		•				•				
Gyrfalcon				•	•			•	•	•		•					•
Harlequin Duck		•				•											•
Horned Grebe		•		•	•				•					•			
Horned Lark	•									•		•				•	
House Finch	•						•		•					•			
Killdeer	•						•				•	•				•	
Lark Sparrow		•	•	•			•		•	•			•				
Lazuli Bunting		•	•	•			•		•	•				•			
Lewis' Woodpecker		•	•	•			•		•						•		
Loggerhead Shrike	•						•		•	•			•				
Long-billed Curlew		•	•							•	•	•	•				
Mallard	•										•	•				•	
Marsh Wren	•										•					•	
Merlin		•		•	•		•		•	•					•		
Mourning Dove	•						•		•			•				•	
Northern Flicker	•						•		•				•				

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	YR	SP	SU	F	W	FW	PG	RC	RT	SD	SM	WM	C	U	R	A	AC
Northern Goshawk				•	•				•	•				•			
Northern Harrier	•								•		•	•	•				
Northern Shrike		•		•	•									•			
Olive-sided Flycatcher		•	•				•		•	•					•		
Oregon Vesper Sparrow		•	•	•						•			•				
Osprey		•		•		•			•		•			•			
Peregrine Falcon				•	•	•		•	•	•							•
Prairie Falcon	•							•	•	•					•		
Red-necked Grebe				•*		•								•			
Red-tailed Hawk	•								•	•			•				
Red-winged Blackbird		•	•	•			•		•		•	•				•	
Ring-billed Gull	•					•	•				•	•				•	
Rock Wren		•	•	•				•								•	
Sage Grouse	•									•					•		
Sage Sparrow		•	•							•			•				
Sage Thrasher		•	•	•						•					•		
Sandhill Crane		•		•								•		•			
Say's Phoebe		•	•	•			•			•		•		•			
Sharp-tailed Grouse																	
Snowy Egret		•		•					•		•	•			•		
Snowy Owl					•				•	•		•					
Song Sparrow	•								•			•				•	
Spotted (formerly Rufous-sided) Towhee		•	•	•			•		•					•			
Swainson's Hawk		•	•	•					•	•			•				
Tricolored Blackbird		•							•								•
Turkey Vulture			•						•	•		•					•
Western Bluebird		•		•			•		•	•					•		
Western Grebe		•		•	•	•			•					•			
Western Kingbird		•	•	•			•		•							•	
Western Meadowlark	•						•			•		•				•	
Western Wood-pewee																	
Yellow-headed Blackbird		•	•	•			•				•	•	•				
Yellow-rumped Warbler																	
YR = year-round SP = spring SU = summer F = fall W = winter	FW = freshwater, rivers, lakes, ponds, sloughs; PG = parks, gardens, urban habitats; RC = rocky cliffs, talus slopes, rimrock areas; RT = riparian thickets, woodlands, orchards; SD = sagebrush desert or steppe; SM = sandy shores, mudflats, cattail marshes; WM = wet meadows, fields, fencerows, roadsides.												C = common U = uncommon R = rare A = abundant AC = accidental				
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