

STATUS OF RAPTOR MONITORING EFFORTS IN NORTH AMERICA

SPECIES ¹	BBS	CBC	MIGRATION	NEST GROUND	NEST AIR	TRANSECTS ROADSIDE	TRANSECTS OTHER	ROOST COUNTS	OTHER	NEED NEW TECHNIQUES ²	COMMENTS
TURKEY VULTURE	YES	YES (LIMITED)	YES					P			
BLACK VULTURE	P	YES (LIMITED)	NO			P (WINTER)			BAIT STATIONS		
OSPREY	NO	NO	YES	P	P						
SWALLOW-TAILED KITE	NO	NO	NO	P		P			PRE-MIGRATION STAGING COUNTS	YES	
WHITE-TAILED KITE	NO	YES (LIMITED)	NO	P		P (BREEDING)				YES	
SNAIL KITE (MEXICO)	NO	NO	NO	P				P	BOAT	YES	
MISSISSIPPI KITE	P	NO	P			P			RIVER COUNTS	YES	
BALD EAGLE	NO	P	YES	P	P			P	MID-WINTER COUNTS		NEEDS BETTER COORDINATION
NORTHERN HARRIER	NO	YES	YES			P (WINTER)			ROOST		
SHARP-SHINNED HAWK	NO	NO	YES	P		P (WINTER)			RIVER COUNTS(?)		
COOPER'S HAWK	NO	NO	YES	P							
NORTHERN GOSHAWK	NO	NO	P	P		P			BROADCAST COUNTS	YES	
COMMON BLACK HAWK	NO	NO	NO						RIPARIAN/BOAT	YES	
HARRIS HAWK	NO	YES (LIMITED)	NO	P						YES	
GRAY HAWK	NO	P	NO			P (BREEDING)	SPRING/FOOT		RIPARIAN	YES	EXPAND CBC COUNTS
RED-SHOULDERED	YES (LIMITED)	YES (LIMITED)	YES (REGIONAL)	P		P			BROADCAST COUNTS	YES	

HAWK											
SPECIES ¹	BBS	CBC	MIGRATION	NEST GROUND	NEST AIR	TRANSECTS ROADSIDE	TRANSECTS OTHER	ROOST COUNTS	OTHER	NEED NEW TECHNIQUES ²	COMMENTS
BROAD-WINGED HAWK	NO	P	YES (BIASED?)			P (BREEDING)			BROADCAST COUNTS	YES	
SHORT-TAILED HAWK	NO	NO	NO	P			SPRING/FOOT		BREEDING DISPLAY	YES	
SWAINSON'S HAWK	YES	NO	P	P		P(WINTER)		YES			ROOST COUNTS IN SOUTH AMERICA
WHITE-TAILED HAWK	YES (REGIONAL)	YES (LIMITED)	NO	P		P				YES	
ZONE-TAILED HAWK	NO	NO	NO			P				YES	
RED-TAILED HAWK	YES	YES	YES								
FERRUGINOUS HAWK	NO	P (LIMITED)	NO	P	P	P(WINTER)				YES	
ROUGH-LEGGED HAWK	NO	YES (REGIONAL)	YES (REGIONAL)			P(WINTER)				YES	
GOLDEN EAGLE	NO	P	YES		P	YES (WINTER)					
CRESTED CARACARA	NO	NO	NO	P		P				YES	
AMERICAN KESTREL	YES	YES	YES						NEST BOX STUDIES		
MERLIN	NO	NO	YES	P					RIVER		
APLOMADO FALCON	NO	NO	NO	P		P				YES	
GYRFALCON	NO	NO	NO		P					YES	
PRAIRIE FALCON	NO	YES (LIMITED)	P	P						YES	
PEREGRINE FALCON	NO	NO	YES (REGIONAL)	P	P						NEEDS BETTER COORDINATION

SPECIES ¹	BBS	CBC	MIGRATION	NEST GROUND	NEST AIR	TRANSECTS ROADSIDE	TRANSECTS OTHER	ROOST COUNTS	OTHER	NEED NEW TECHNIQUES ²	COMMENTS
SNOWY OWL	NO	P	NO	P		P (WINTER)				YES	
NORTHERN HAWK OWL	NO	NO	NO			P (LATE WINTER)				YES	
NORTHERN PYGMY OWL	NO	P (REGIONAL)	NO			P (WINTER)	P (CALL COUNTS)			YES	
FERRUGINOUS PYGMY OWL	NO	NO	NO				P (CALL COUNTS)			YES	
BURROWING OWL	NO	P (?)	NO	P		P (WINTER)				YES	
SHORT-EARED OWL	YES (REGIONAL)	P (?)	NO			P(WINTER)	P (EARLY DISPLAY)			YES	

LEGEND: YES - Species Adequately Covered by Technique
NO - Species Inadequately Covered by Technique
P - Method Has Potential
BLANK - Not Applicable

¹ The California Condor and U.S. populations of the Snail Kite are not presented because they are monitored through existing endangered species programs. Only diurnal owl species are presented.

² Yes indicates no coverage or inadequate coverage by BBS, CBC, or migration projects.