

Dunn et al. 2005. High Priority Needs for Range-wide Monitoring of North American Landbirds  
 Appendix 1. Conservation Status and Recommended Monitoring Approaches for Native Landbirds that Regularly Breed in the U.S. and Canada

Appendix 1. Conservation Status and Recommended Monitoring Approaches for Native Landbirds that Regularly Breed in the U.S. and Canada.									
(Part of Dunn et al. 2005 <sup>9</sup> . High Priority Needs for Range-wide Monitoring of North American Landbirds. Partners in Flight Technical Series No. 2)									
Last revised July 2005. This table is a work in progress, and subject to change. Comments are invited, and should be sent to Terry_Rich@fws.gov									
Species <sup>1</sup>	Latin name	taxonomic sort	Watch List <sup>2</sup>	Action <sup>3</sup>	Stewardship <sup>4</sup>	Monitoring need <sup>5</sup>	Monitoring Action Needed		
							Monitoring action most needed to remove species from high needs list <sup>6</sup>	Second tier monitoring action <sup>7</sup>	Third tier monitoring action <sup>8</sup>
Plain Chachalaca	<i>Ortalis vetula</i>	74				Mo1,4	MX BBS	border bird survey	
Ruffed Grouse	<i>Bonasa umbellus</i>	96				Mo2,3	integrate existing surveys	boreal survey	early spring survey?
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	97	1	IM	1	Mo2	spp-specific	integrate existing surveys	
Gunnison Sage-Grouse	<i>Centrocercus minimus</i>	98	1	IM	1	S	maintain spp-specific	integrate existing surveys	
Spruce Grouse	<i>Falcipectus canadensis</i>	99			1	Mo2,3	boreal survey	spp-specific?	
Willow Ptarmigan	<i>Lagopus lagopus</i>	100			1	Mo1,3	arctic survey		
Rock Ptarmigan	<i>Lagopus mutus</i>	101			1	Mo1,3	arctic survey		
White-tailed Ptarmigan	<i>Lagopus leucurus</i>	102	3			Mo1,3	high elevation/arctic surveys	integrate existing surveys	
Blue Grouse	<i>Dendragapus obscurus</i>	103	1	MA	1	Mo2	spp-specific	integrate existing surveys	
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>	104			1	Mo2	integrate existing surveys	improve BBS	
Greater Prairie-Chicken	<i>Tympanuchus cupido</i>	105	1	IM	1	Mo2	spp-specific	integrate existing surveys	
Lesser Prairie-Chicken	<i>Tympanuchus pallidicinctus</i>	106	1	IM	1	S	maintain spp-specific	integrate existing surveys	
Wild Turkey	<i>Meleagris gallopavo</i>	107				Mo2	improve BBS	improve CBC	coordinate across jurisdictions
Mountain Quail	<i>Oreortyx pictus</i>	113	1	PR	1	Mo2a	improve BBS		
Scaled Quail	<i>Callipepla squamata</i>	114	1	MA	1			improve BBS	
California Quail	<i>Callipepla californica</i>	116				Mo2a	improve BBS		
Gambel's Quail	<i>Callipepla gambelii</i>	117			1	Mo2a	improve BBS		
Northern Bobwhite	<i>Colinus virginianus</i>	119							
Montezuma Quail <sup>1</sup>	<i>Cyrtonyx montezumae</i>	128	1	MA		Mo1,4	MX spp-specific	spp-specific U.S.	
Black Vulture	<i>Coragyps atratus</i>	256				Mo4	MX BBS	improve BBS	SA surveys
Turkey Vulture	<i>Cathartes aura</i>	257				Mo4	MX BBS	SA surveys	
California Condor	<i>Gymnogyps californianus</i>	259	1	IM	1	S	maintain spp-specific		
Osprey	<i>Pandion haliaetus</i>	262				Mo2,3	improve BBS	migration monitoring	boreal survey
Hook-billed Kite	<i>Chondrohierax uncinatus</i>	264				Mo1,4	MX BBS	border bird survey	SA surveys
Swallow-tailed Kite	<i>Elanoides forficatus</i>	265	1	IM		Mo2,4	spp-specific U.S.	migration monitoring	SA surveys
White-tailed Kite	<i>Elanus leucurus</i>	267				Mo4	MX BBS	improve BBS	SA surveys
Snail Kite	<i>Rostrhamus sociabilis</i>	268				Mo1,4	MX BBS	spp-specific U.S.	SA surveys
Mississippi Kite	<i>Ictinia mississippiensis</i>	271			1	Mo2	improve BBS	migration monitoring	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	274			1	Mo3	boreal survey	migration monitoring	improve CBC
Northern Harrier	<i>Circus cyaneus</i>	278				Mo3	boreal survey	migration monitoring	improve CBC

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Sharp-shinned Hawk	<i>Accipiter striatus</i>	281				Mo3	boreal survey	migration monitoring	
Cooper's Hawk	<i>Accipiter cooperii</i>	282				Mo2	improve BBS	migration monitoring	improve CBC
Northern Goshawk	<i>Accipiter gentilis</i>	285				Mo2,3	integrate existing surveys	migration monitoring	boreal survey
Gray Hawk	<i>Asturina nitida</i>	291				Mo1,4	MX BBS	border bird survey	SA surveys
Common Black-Hawk	<i>Buteogallus anthracinus</i>	292				Mo1,4	MX BBS	border bird survey	
Harris's Hawk	<i>Parabuteo unicinctus</i>	296				Mo4	MX BBS	improve BBS	SA surveys
Red-shouldered Hawk	<i>Buteo lineatus</i>	299			1			improve BBS	migration monitoring
Broad-winged Hawk	<i>Buteo platypterus</i>	301						improve BBS	migration monitoring
Short-tailed Hawk	<i>Buteo brachyurus</i>	302				Mo1,4	MX BBS	border bird survey	SA surveys
Swainson's Hawk	<i>Buteo swainsoni</i>	303	1	MA		Mo2a	improve BBS	migration monitoring	
White-tailed Hawk	<i>Buteo albicaudatus</i>	304				Mo1,4	MX BBS	border bird survey	SA surveys
Zone-tailed Hawk	<i>Buteo albonotatus</i>	305				Mo1,4	MX BBS	border bird survey	SA surveys
Red-tailed Hawk	<i>Buteo jamaicensis</i>	307							
Ferruginous Hawk	<i>Buteo regalis</i>	308						improve BBS	migration monitoring
Rough-legged Hawk	<i>Buteo lagopus</i>	309			1	Mo2,3	arctic survey	migration monitoring	improve CBC
Golden Eagle	<i>Aquila chrysaetos</i>	312				Mo3	arctic survey	migration monitoring	improve CBC
Crested Caracara	<i>Caracara cheriway</i>	320				Mo2,4	MX BBS	border bird survey	SA surveys
American Kestrel	<i>Falco sparverius</i>	325						improve BBS	migration monitoring
Merlin	<i>Falco columbarius</i>	326				Mo2,3	improve BBS	boreal survey	migration monitoring
Aplomado Falcon <sup>1</sup>	<i>Falco femoralis</i>	328	3			Mo1,4	spp-specific MX	border bird survey	SA surveys
Gyr Falcon	<i>Falco rusticolus</i>	331			1	Mo2,3	arctic survey		
Peregrine Falcon	<i>Falco peregrinus</i>	332			1	Mo2,3	spp-specific	migration monitoring	
Prairie Falcon	<i>Falco mexicanus</i>	333				Mo2	improve BBS	migration monitoring	improve CBC
White-crowned Pigeon <sup>1</sup>	<i>Columba leucocephala</i>	550	1	MA		Mo1,4	Caribbean spp-specific	spp-specific U.S.	
Red-billed Pigeon <sup>1</sup>	<i>Columba flavirostris</i>	551	3			Mo1,4	MX BBS	border bird survey	
Band-tailed Pigeon	<i>Columba fasciata</i>	553	1	MA		Mo2,4	MX BBS	improve BBS	
White-winged Dove	<i>Zenaida asiatica</i>	563				Mo2a,4	MX BBS	improve BBS	
Mourning Dove	<i>Zenaida macroura</i>	566							
Inca Dove	<i>Columbina inca</i>	569				Mo2,4	MX BBS	improve BBS	
Common Ground-Dove	<i>Columbina passerina</i>	570				Mo2	improve BBS	MX BBS	improve CBC
White-tipped Dove	<i>Leptotila verreauxi</i>	575				Mo1,4	MX BBS	border bird survey	SA surveys
Green Parakeet <sup>1</sup>	<i>Aratinga holochlora</i>	600	1	IM		Mo1,4	MX spp-specific	spp-specific U.S.	
Thick-billed Parrot <sup>1</sup>	<i>Rhynchopsitta pachyrhyncha</i>	616	1	IM	1	Mo1,4	MX spp-specific	spp-specific U.S.	
Red-crowned Parrot <sup>1</sup>	<i>Amazona viridigenalis</i>	637	1	IM		Mo1	MX spp-specific	spp-specific U.S.	
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	650						improve BBS	
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	651							

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Mangrove Cuckoo <sup>1</sup>	<i>Coccyzus minor</i>	653	1	MA		Mo1,4	Caribbean/MX spp-specific		
Greater Roadrunner	<i>Geococcyx californianus</i>	668				Mo2a	improve BBS		
Smooth-billed Ani	<i>Crotophaga ani</i>	671				Mo1,4	Caribbean survey	spp-specific U.S.	SA surveys
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	672				Mo2,4	MX BBS	border bird survey	
Barn Owl	<i>Tyto alba</i>	673				Mo2,4	MX nocturnal survey	winter survey (roosts)	SA surveys
Flammulated Owl <sup>1</sup>	<i>Otus flammeolus</i>	675	1	PR		Mo1	US nocturnal survey	MX nocturnal survey	migration monitoring
Western Screech-Owl	<i>Otus kennicottii</i>	677				Mo2	nocturnal survey	winter survey (owls)	
Eastern Screech-Owl	<i>Otus asio</i>	678				Mo2	nocturnal survey	winter survey (owls)	
Whiskered Screech-Owl <sup>1</sup>	<i>Otus trichopsis</i>	681	2			Mo1,4	MX nocturnal survey	US nocturnal survey	
Great Horned Owl	<i>Bubo virginianus</i>	690				Mo2a	improve BBS		
Snowy Owl	<i>Nyctea scandiaca</i>	691			1	Mo2,3	arctic survey	improve CBC	
Northern Hawk Owl	<i>Surnia ulula</i>	692				Mo2,3	boreal survey		
Northern Pygmy-Owl	<i>Glaucidium gnoma</i>	693				Mo2	improve BBS	improve CBC	nocturnal survey
Ferruginous Pygmy-Owl	<i>Glaucidium brasilianum</i>	698				Mo1,4	MX nocturnal survey	spp-specific U.S. (exists)	SA surveys
Elf Owl <sup>1</sup>	<i>Micrathene whitneyi</i>	700	1	PR		Mo1,4	MX nocturnal survey	US nocturnal survey	
Burrowing Owl	<i>Athene cunicularia</i>	701				Mo4	MX BBS	improve BBS	SA surveys
Spotted Owl	<i>Strix occidentalis</i>	704	1	IM		S	maintain spp-specific		
Barred Owl	<i>Strix varia</i>	705						improve BBS	nocturnal survey
Great Gray Owl	<i>Strix nebulosa</i>	707				Mo2,3	boreal survey		
Long-eared Owl	<i>Asio otus</i>	708				Mo2	improve CBC	winter survey (roosts)	
Short-eared Owl	<i>Asio flammeus</i>	710	1	MA		Mo3	improve CBC	arctic survey	spp-specific survey
Boreal Owl	<i>Aegolius funereus</i>	713				Mo1,3	boreal (nocturnal)		
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	714				Mo2	nocturnal survey	migration monitoring	
Lesser Nighthawk	<i>Chordeiles acutipennis</i>	717				Mo4	MX BBS	nocturnal (spp-specific)	
Common Nighthawk	<i>Chordeiles minor</i>	718						improve BBS	nocturnal survey
Antillean Nighthawk <sup>1</sup>	<i>Chordeiles gundlachii</i>	719	1	PR		Mo1,4	Caribbean survey	spp-specific U.S.	
Common Pauraque	<i>Nyctidromus albicollis</i>	720				Mo1,4	MX nocturnal survey	US nocturnal survey	SA surveys
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	721						improve BBS	MX nocturnal survey
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>	727			1				
Buff-collared Nightjar <sup>1</sup>	<i>Caprimulgus ridgwayi</i>	732	2			Mo1,4	MX nocturnal survey		
Whip-poor-will	<i>Caprimulgus vociferus</i>	733						improve BBS	MX nocturnal survey
Black Swift	<i>Cypseloides niger</i>	743	1	MA		Mo2	spp-specific	MX/Caribbean spp-specific	
Chimney Swift	<i>Chaetura pelagica</i>	750							
Vaux's Swift	<i>Chaetura vauxi</i>	751				Mo2a	improve BBS	spp-specific	
White-throated Swift	<i>Aeronautes saxatalis</i>	764	1	MA		Mo2	spp-specific	MX spp-specific	
Broad-billed Hummingbird	<i>Cynanthus latirostris</i>	812				Mo1,4	MX BBS	border bird survey	

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White-eared Hummingbird	<i>Hylocharis leucotis</i>	822				Mo1,4	MX BBS	border bird survey	
Berylline Hummingbird <sup>1</sup>	<i>Amazilia beryllina</i>	833	2			Mo1,4	MX BBS	border bird survey	
Buff-bellied Hummingbird	<i>Amazilia yucatanensis</i>	838				Mo1,4	MX BBS	border bird survey	
Violet-crowned Hummingbird <sup>1</sup>	<i>Amazilia violiceps</i>	840	3			Mo1,4	MX BBS	border bird survey	
Blue-throated Hummingbird <sup>1</sup>	<i>Lampornis clemenciae</i>	854	2			Mo1,4	MX BBS	border bird survey	
Magnificent Hummingbird	<i>Eugenes fulgens</i>	860				Mo1,4	MX BBS	border bird survey	
Lucifer Hummingbird	<i>Calothorax lucifer</i>	871			1	Mo1,4	MX BBS	border bird survey	
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	873						improve BBS	
Black-chinned Hummingbird	<i>Archilochus alexandri</i>	874				Mo2	improve BBS		
Anna's Hummingbird	<i>Calypte anna</i>	877						improve BBS	winter survey
Costa's Hummingbird	<i>Calypte costae</i>	878	1	PR		Mo2	early spring desert survey	MX BBS	
Calliope Hummingbird	<i>Stellula calliope</i>	879	1	PR	1	Mo2	high elevation survey	spp-specific	
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>	882						improve BBS	
Rufous Hummingbird	<i>Selasphorus rufus</i>	883	1	MA	1			improve BBS	
Allen's Hummingbird	<i>Selasphorus sasin</i>	884	1	PR	1	Mo2	improve BBS	improve CBC	
Elegant Trogon <sup>1</sup>	<i>Trogon elegans</i>	896	1	MA		Mo1,4	MX BBS	border bird survey	
Ringed Kingfisher	<i>Ceryle torquata</i>	920				Mo1,4	MX BBS	border bird survey	SA surveys
Belted Kingfisher	<i>Ceryle alcyon</i>	921				Mo3	boreal survey		
Green Kingfisher	<i>Chloroceryle americana</i>	923				Mo1,4	MX BBS	border bird survey	SA surveys
Lewis's Woodpecker <sup>1</sup>	<i>Melanerpes lewis</i>	949	1	MA	1	Mo2	improve BBS		
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	952	1	MA					
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	953						improve BBS	
Gila Woodpecker	<i>Melanerpes uropygialis</i>	962				Mo2a,4	MX BBS	improve BBS	
Golden-fronted Woodpecker	<i>Melanerpes aurifrons</i>	964						improve BBS	
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	965			1				
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>	967			1	Mo2	improve BBS	early spring survey	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	968			1	Mo2,3	improve BBS	boreal survey	improve CBC
Red-naped Sapsucker	<i>Sphyrapicus nuchalis</i>	969			1	Mo2a	improve BBS	migration monitoring	
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>	970			1	Mo3	boreal survey	improve CBC	
Ladder-backed Woodpecker	<i>Picoides scalaris</i>	973				Mo2,4	MX BBS	improve BBS	improve CBC
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	974	1	MA	1	Mo2a	improve BBS	early spring survey	
Downy Woodpecker	<i>Picoides pubescens</i>	975						improve BBS	winter survey
Hairy Woodpecker	<i>Picoides villosus</i>	976						improve BBS	
Arizona Woodpecker <sup>1</sup>	<i>Picoides arizonae</i>	977	1	PR		Mo1,4	MX BBS	border bird survey	
Red-cockaded Woodpecker	<i>Picoides borealis</i>	979	1	IM	1	Mo2	spp-specific		
White-headed Woodpecker	<i>Picoides albolarvatus</i>	980	1	PR	1	Mo2	improve BBS	early spring survey	

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American Three-toed Woodpecker	<i>Picoides tridactylus</i>	981				Mo2,3	boreal survey	early spring survey	
Black-backed Woodpecker	<i>Picoides arcticus</i>	982			1	Mo2,3	early spring survey	boreal survey	improve BBS
Northern Flicker	<i>Colaptes auratus</i>	991				Mo3	boreal survey	migration monitoring	improve CBC
Gilded Flicker	<i>Colaptes chrysoides</i>	992				Mo2,4	early spring desert survey	MX BBS	improve CBC
Pileated Woodpecker	<i>Dryocopus pileatus</i>	997							
Ivory-billed Woodpecker	<i>Campephilus principalis</i>	1001	1	IM	1	S	maintain spp-specific		
Northern Beardless-Tyrannulet	<i>Camptostoma imberbe</i>	1090				Mo1,4	MX BBS	border bird survey	
Olive-sided Flycatcher	<i>Contopus cooperi</i>	1145	1	MA		Mo3	boreal survey	improve BBS	
Greater Pewee <sup>1</sup>	<i>Contopus pertinax</i>	1146	2			Mo1,4	MX BBS	border bird survey	
Western Wood-Pewee	<i>Contopus sordidulus</i>	1149							
Eastern Wood-Pewee	<i>Contopus virens</i>	1150							
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	1156			1	Mo3	boreal survey	migration monitoring	
Acadian Flycatcher	<i>Empidonax virens</i>	1157			1				
Alder Flycatcher	<i>Empidonax alnorum</i>	1158			1	Mo3	boreal survey	migration monitoring	
Willow Flycatcher	<i>Empidonax traillii</i>	1159	1	MA					
Least Flycatcher	<i>Empidonax minimus</i>	1161				Mo3	boreal survey	migration monitoring	
Hammond's Flycatcher	<i>Empidonax hammondi</i>	1162						improve BBS	
Gray Flycatcher	<i>Empidonax wrightii</i>	1163			1	Mo2	improve BBS		
Dusky Flycatcher	<i>Empidonax oberholseri</i>	1164			1			improve BBS	
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>	1166			1	Mo2a	improve BBS		
Cordilleran Flycatcher	<i>Empidonax occidentalis</i>	1167				Mo2a	improve BBS		
Buff-breasted Flycatcher <sup>1</sup>	<i>Empidonax fulvifrons</i>	1169	2			Mo1,4	MX BBS	border bird survey	
Black Phoebe	<i>Sayornis nigricans</i>	1171				Mo4	MX BBS	improve BBS	
Eastern Phoebe	<i>Sayornis phoebe</i>	1172							
Say's Phoebe	<i>Sayornis saya</i>	1173						improve BBS	
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	1174				Mo2,4	MX BBS	improve BBS	SA surveys
Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	1183				Mo1,4	MX BBS	border bird survey	SA surveys
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	1185						improve BBS	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	1187							
Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	1188				Mo2,4	MX BBS	border bird survey	SA surveys
Great Kiskadee	<i>Pitangus sulphuratus</i>	1197				Mo2,4	MX BBS	border bird survey	SA surveys
Sulphur-bellied Flycatcher <sup>1</sup>	<i>Myiodynastes luteiventris</i>	1206	3			Mo1,4	MX BBS	border bird survey	
Tropical Kingbird	<i>Tyrannus melancholicus</i>	1209				Mo1,4	MX BBS	border bird survey	SA surveys
Couch's Kingbird	<i>Tyrannus couchii</i>	1210				Mo2,4	MX BBS	border bird survey	
Cassin's Kingbird	<i>Tyrannus vociferans</i>	1211				Mo2	improve BBS	MX BBS	
Thick-billed Kingbird <sup>1</sup>	<i>Tyrannus crassirostris</i>	1212	1	PR		Mo1,4	MX BBS	border bird survey	

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Western Kingbird	<i>Tyrannus verticalis</i>	1213							
Eastern Kingbird	<i>Tyrannus tyrannus</i>	1214							
Gray Kingbird	<i>Tyrannus dominicensis</i>	1215				Mo2,4	Caribbean survey	spp-specific U.S.	
Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	1218				Mo2a	improve BBS		
Rose-throated Becard <sup>1</sup>	<i>Pachyramphus aglaiae</i>	1231	3			Mo1,4	MX BBS	border bird survey	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	1263							
Northern Shrike	<i>Lanius excubitor</i>	1264			1	Mo2,3	arctic survey	improve CBC	
White-eyed Vireo	<i>Vireo griseus</i>	1266			1				
Bell's Vireo	<i>Vireo bellii</i>	1275	1	IM				improve BBS	
Black-capped Vireo	<i>Vireo atricapillus</i>	1276	1	IM	1	Mo1	spp-specific	MX spp-specific	
Gray Vireo <sup>1</sup>	<i>Vireo vicinior</i>	1278	1	PR		Mo2	improve BBS	winter survey	
Yellow-throated Vireo	<i>Vireo flavifrons</i>	1280			1			improve BBS	
Plumbeous Vireo	<i>Vireo plumbeus</i>	1281						improve BBS	
Cassin's Vireo	<i>Vireo cassini</i>	1282						improve BBS	
Blue-headed Vireo	<i>Vireo solitarius</i>	1283			1	Mo2,3	improve BBS	boreal survey	migration monitoring
Hutton's Vireo	<i>Vireo huttoni</i>	1285				Mo2	improve BBS	MX BBS	improve CBC
Warbling Vireo	<i>Vireo gilvus</i>	1287							
Philadelphia Vireo	<i>Vireo philadelphicus</i>	1289			1	Mo2,3	boreal survey	improve BBS	
Red-eyed Vireo	<i>Vireo olivaceus</i>	1290							
Yellow-green Vireo <sup>1</sup>	<i>Vireo flavoviridis</i>	1291	3			Mo1,4	MX BBS	border bird survey	
Black-whiskered Vireo <sup>1</sup>	<i>Vireo altiloquus</i>	1292	2			Mo1,4	Caribbean survey	spp-specific U.S.	
Gray Jay	<i>Perisoreus canadensis</i>	1302			1	Mo3	boreal survey		
Steller's Jay	<i>Cyanocitta stelleri</i>	1303			1				
Blue Jay	<i>Cyanocitta cristata</i>	1304							
Green Jay	<i>Cyanocorax yncas</i>	1309				Mo2,4	MX BBS	border bird survey	
Brown Jay	<i>Cyanocorax morio</i>	1310				Mo1,4	MX BBS	border bird survey	
Florida Scrub-Jay	<i>Aphelocoma coerulescens</i>	1320	1	IM	1	S	maintain spp-specific		
Island Scrub-Jay <sup>1</sup>	<i>Aphelocoma insularis</i>	1321	1	IM	1	Mo1	spp-specific		
Western Scrub-Jay	<i>Aphelocoma californica</i>	1322			1				
Mexican Jay <sup>1</sup>	<i>Aphelocoma ultramarina</i>	1323	2			Mo1,4	MX BBS	border bird survey	
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	1325	1	MA	1			improve BBS	winter survey
Clark's Nutcracker	<i>Nucifraga columbiana</i>	1326			1			improve BBS	winter survey
Black-billed Magpie	<i>Pica hudsonia</i>	1327							
Yellow-billed Magpie	<i>Pica nuttalli</i>	1328	1	PR	1	Mo2a	improve BBS		
American Crow	<i>Corvus brachyrhynchos</i>	1330							
Northwestern Crow	<i>Corvus caurinus</i>	1331				Mo3	boreal survey	improve CBC	

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Tamaulipas Crow	<i>Corvus imparatus</i>	1336				Mo1,4	MX BBS	border bird survey	
Fish Crow	<i>Corvus ossifragus</i>	1338							
Chihuahuan Raven	<i>Corvus cryptoleucus</i>	1340				Mo2	improve BBS	MX BBS	
Common Raven	<i>Corvus corax</i>	1341				Mo3	boreal survey		
Horned Lark	<i>Eremophila alpestris</i>	1344				Mo3	arctic survey	improve CBC	
Purple Martin	<i>Progne subis</i>	1345							
Tree Swallow	<i>Tachycineta bicolor</i>	1352				Mo3	boreal survey		
Violet-green Swallow	<i>Tachycineta thalassina</i>	1355						improve BBS	
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	1360				Mo2a	improve BBS		
Bank Swallow	<i>Riparia riparia</i>	1362				Mo3	boreal survey	migration monitoring	
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	1363						improve BBS	
Cave Swallow	<i>Petrochelidon fulva</i>	1364				Mo2,4	Caribbean/MX survey	spp-specific U.S.	
Barn Swallow	<i>Hirundo rustica</i>	1365							
Carolina Chickadee	<i>Poecile carolinensis</i>	1367							
Black-capped Chickadee	<i>Poecile atricapilla</i>	1368							
Mountain Chickadee	<i>Poecile gambeli</i>	1369						improve BBS	winter survey
Mexican Chickadee <sup>1</sup>	<i>Poecile sclateri</i>	1370	2			Mo1,4	MX BBS	border bird survey	
Chestnut-backed Chickadee	<i>Poecile rufescens</i>	1371			1	Mo2a	improve BBS		
Boreal Chickadee	<i>Poecile hudsonica</i>	1372			1	Mo2,3	boreal survey	improve BBS	
Gray-headed Chickadee	<i>Poecile cincta</i>	1373				Mo1,3	arctic survey		
Bridled Titmouse	<i>Baeolophus wollweberi</i>	1374				Mo2,4	MX BBS	border bird survey	
Oak Titmouse	<i>Baeolophus inornatus</i>	1375	1	MA	1			improve BBS	winter survey
Juniper Titmouse	<i>Baeolophus ridgwayi</i>	1376				Mo2a	improve BBS		
Tufted Titmouse	<i>Baeolophus bicolor</i>	1377							
Black-crested Titmouse	<i>Baeolophus atricristatus</i>	1378			1	Mo1	Improve BBS	MX BBS	
Verdin	<i>Auriparus flaviceps</i>	1379			1			improve BBS	
Bushtit	<i>Psaltriparus minimus</i>	1380						improve BBS	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	1381							
White-breasted Nuthatch	<i>Sitta carolinensis</i>	1382						improve BBS	
Pygmy Nuthatch	<i>Sitta pygmaea</i>	1383				Mo2a	improve BBS	improve CBC	
Brown-headed Nuthatch	<i>Sitta pusilla</i>	1384	1	MA	1			improve BBS	
Brown Creeper	<i>Certhia americana</i>	1385				Mo2a	improve BBS	migration monitoring	
Cactus Wren	<i>Campylorhynchus brunneicapillus</i>	1395			1			improve BBS	
Rock Wren	<i>Salpinctes obsoletus</i>	1396						improve BBS	winter survey
Canyon Wren	<i>Catherpes mexicanus</i>	1397						improve BBS	winter survey
Carolina Wren	<i>Thryothorus ludovicianus</i>	1412			1				

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Bewick's Wren	<i>Thryomanes bewickii</i>	1416				Mo2a	improve BBS		
House Wren	<i>Troglodytes aedon</i>	1419							
Winter Wren	<i>Troglodytes troglodytes</i>	1423				Mo3	boreal survey	migration monitoring	
Sedge Wren	<i>Cistothorus platensis</i>	1424						improve BBS	
Marsh Wren	<i>Cistothorus palustris</i>	1425						improve BBS	
American Dipper	<i>Cinclus mexicanus</i>	1433				Mo2a	improve BBS	spp-specific	
Golden-crowned Kinglet	<i>Regulus satrapa</i>	1436				Mo3	boreal survey	migration monitoring	
Ruby-crowned Kinglet	<i>Regulus calendula</i>	1437				Mo3	boreal survey	migration monitoring	
Arctic Warbler	<i>Phylloscopus borealis</i>	1445				Mo2	arctic survey		
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	1448							
California Gnatcatcher <sup>1</sup>	<i>Polioptila californica</i>	1450	1	PR		Mo1,4	MX BBS	border bird survey	
Black-tailed Gnatcatcher	<i>Polioptila melanura</i>	1451			1	Mo2	MX BBS	improve BBS	border bird survey
Black-capped Gnatcatcher <sup>1</sup>	<i>Polioptila nigriceps</i>	1452	1	PR		Mo1,4	MX BBS	border bird survey	
Bluethroat	<i>Luscinia svecica</i>	1463				Mo1,3	arctic survey		
Northern Wheatear	<i>Oenanthe oenanthe</i>	1467				Mo1,3	arctic survey		
Eastern Bluebird	<i>Sialia sialis</i>	1469							
Western Bluebird	<i>Sialia mexicana</i>	1470						improve BBS	
Mountain Bluebird	<i>Sialia currucoides</i>	1471			1			improve BBS	
Townsend's Solitaire	<i>Myadestes townsendi</i>	1472						improve BBS	
Veery	<i>Catharus fuscescens</i>	1491							
Gray-cheeked Thrush	<i>Catharus minimus</i>	1492				Mo3	boreal survey	migration monitoring	
Bicknell's Thrush	<i>Catharus bicknelli</i>	1493	1	IM	1	Mo1	high elevation survey (begun)	spp-specific	
Swainson's Thrush	<i>Catharus ustulatus</i>	1494				Mo3	boreal survey	migration monitoring	
Hermit Thrush	<i>Catharus guttatus</i>	1495				Mo3	boreal survey	migration monitoring	
Wood Thrush	<i>Hylocichla mustelina</i>	1496	1	MA	1				
Clay-colored Robin	<i>Turdus grayi</i>	1507				Mo1,4	MX BBS	border bird survey	
American Robin	<i>Turdus migratorius</i>	1513				Mo3	boreal survey		
Varied Thrush	<i>Ixoreus naevius</i>	1519				Mo3	boreal survey	improve CBC	
Wrentit	<i>Chamaea fasciata</i>	1524	1	MA	1			improve BBS	winter survey
Gray Catbird	<i>Dumetella carolinensis</i>	1526							
Northern Mockingbird	<i>Mimus polyglottos</i>	1528							
Sage Thrasher	<i>Oreoscoptes montanus</i>	1531			1			improve BBS	
Brown Thrasher	<i>Toxostoma rufum</i>	1533							
Long-billed Thrasher	<i>Toxostoma longirostre</i>	1534				Mo2,4	MX BBS	border bird survey	
Bendire's Thrasher <sup>1</sup>	<i>Toxostoma bendirei</i>	1537	1	IM		Mo2	early spring desert survey		
Curve-billed Thrasher	<i>Toxostoma curvirostre</i>	1539			1	Mo2	improve BBS	MX BBS	early spring survey



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California Thrasher	<i>Toxostoma redivivum</i>	1540	1	MA	1	Mo2	improve BBS	early spring desert survey	
Crissal Thrasher	<i>Toxostoma crissale</i>	1541			1	Mo2	early spring desert survey	MX BBS	improve CBC
Le Conte's Thrasher <sup>1</sup>	<i>Toxostoma lecontei</i>	1542	1	PR	1	Mo2	early spring desert survey	spp-specific	
Yellow Wagtail	<i>Motacilla flava</i>	1555				Mo1,3	arctic survey		
White Wagtail	<i>Motacilla alba</i>	1558				Mo1,3	arctic survey		
Red-throated Pipit	<i>Anthus cervinus</i>	1563				Mo1,3	arctic survey		
American Pipit	<i>Anthus rubescens</i>	1564				Mo2,3	arctic survey	improve CBC	
Sprague's Pipit	<i>Anthus spragueii</i>	1565	1	MA	1			improve BBS	
Bohemian Waxwing	<i>Bombycilla garrulus</i>	1567			1	Mo2,3	boreal survey	improve BBS	improve CBC
Cedar Waxwing	<i>Bombycilla cedrorum</i>	1568							
Phainopepla	<i>Phainopepla nitens</i>	1572			1	Mo2,4	MX BBS	early spring desert survey	
Olive Warbler <sup>1</sup>	<i>Peucedramus taeniatus</i>	1574	2			Mo1,4	MX BBS	border bird survey	
Bachman's Warbler	<i>Vermivora bachmanii</i>	1575	1	IM	1	S	Continue searches		
Blue-winged Warbler	<i>Vermivora pinus</i>	1576	1	MA	1			improve BBS	
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	1577	1	IM				improve BBS	
Tennessee Warbler	<i>Vermivora peregrina</i>	1578			1	Mo3	boreal survey	migration monitoring	
Orange-crowned Warbler	<i>Vermivora celata</i>	1579				Mo3	boreal survey	migration monitoring	
Nashville Warbler	<i>Vermivora ruficapilla</i>	1580			1			improve BBS	
Virginia's Warbler	<i>Vermivora virginiae</i>	1581	1	PR		Mo2	improve BBS		
Colima Warbler <sup>1</sup>	<i>Vermivora crissalis</i>	1582	1	IM	1	Mo1,4	MX spp-specific	spp-specific U.S.	
Lucy's Warbler	<i>Vermivora luciae</i>	1583	1	MA	1	Mo2a	improve BBS		
Northern Parula	<i>Parula americana</i>	1586						improve BBS	
Tropical Parula	<i>Parula pitiayumi</i>	1587				Mo1,4	MX BBS	border bird survey	SA surveys
Yellow Warbler	<i>Dendroica petechia</i>	1588				Mo3	boreal survey	migration monitoring	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	1589			1				
Magnolia Warbler	<i>Dendroica magnolia</i>	1590			1	Mo3	boreal survey	migration monitoring	
Cape May Warbler	<i>Dendroica tigrina</i>	1591			1	Mo2,3	improve BBS	boreal survey	migration monitoring
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	1592						improve BBS	migration monitoring
Yellow-rumped Warbler	<i>Dendroica coronata</i>	1593				Mo3	boreal survey	migration monitoring	improve CBC
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	1594			1	Mo2a	improve BBS		
Golden-cheeked Warbler	<i>Dendroica chrysoparia</i>	1595	1	IM	1	Mo1	spp-specific		
Black-throated Green Warbler	<i>Dendroica virens</i>	1596			1	Mo2,3	improve BBS	boreal survey	migration monitoring
Townsend's Warbler	<i>Dendroica townsendi</i>	1597				Mo3	boreal survey		
Hermit Warbler	<i>Dendroica occidentalis</i>	1598	1	MA	1	Mo2a	improve BBS		
Blackburnian Warbler	<i>Dendroica fusca</i>	1599			1			improve BBS	migration monitoring
Yellow-throated Warbler	<i>Dendroica dominica</i>	1600			1			improve BBS	

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Grace's Warbler	<i>Dendroica graciae</i>	1601	1	MA				improve BBS	
Pine Warbler	<i>Dendroica pinus</i>	1606			1				
Kirtland's Warbler	<i>Dendroica kirtlandii</i>	1607	1	IM	1	S	maintain spp-specific		
Prairie Warbler	<i>Dendroica discolor</i>	1608	1	MA	1			improve BBS	
Palm Warbler	<i>Dendroica palmarum</i>	1610			1	Mo2,3	boreal survey	migration monitoring	
Bay-breasted Warbler	<i>Dendroica castanea</i>	1611	1	MA	1	Mo2,3	boreal survey	migration monitoring	
Blackpoll Warbler	<i>Dendroica striata</i>	1612				Mo3	boreal survey	migration monitoring	
Cerulean Warbler	<i>Dendroica cerulea</i>	1613	1	MA	1			improve BBS	
Black-and-white Warbler	<i>Mniotilta varia</i>	1618				Mo2a	improve BBS	migration monitoring	
American Redstart	<i>Setophaga ruticilla</i>	1619				Mo3	boreal survey	migration monitoring	
Prothonotary Warbler	<i>Protonotaria citrea</i>	1620	1	MA	1			improve BBS	
Worm-eating Warbler	<i>Helminthos vermivorus</i>	1621	1	MA	1	Mo2	improve BBS		
Swainson's Warbler	<i>Limothlypis swainsonii</i>	1622	1	MA	1			improve BBS	
Ovenbird	<i>Seiurus aurocapillus</i>	1623							
Northern Waterthrush	<i>Seiurus noveboracensis</i>	1624				Mo3	boreal survey	migration monitoring	
Louisiana Waterthrush	<i>Seiurus motacilla</i>	1625			1			improve BBS	
Kentucky Warbler	<i>Oporornis formosus</i>	1626	1	MA	1				
Connecticut Warbler	<i>Oporornis agilis</i>	1627			1	Mo3	boreal survey	migration monitoring	
Mourning Warbler	<i>Oporornis philadelphia</i>	1628			1	Mo3	boreal survey	migration monitoring	
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	1629				Mo2a	improve BBS		
Common Yellowthroat	<i>Geothlypis trichas</i>	1630							
Hooded Warbler	<i>Wilsonia citrina</i>	1643			1	Mo2a	improve BBS		
Wilson's Warbler	<i>Wilsonia pusilla</i>	1644				Mo3	boreal survey	migration monitoring	
Canada Warbler	<i>Wilsonia canadensis</i>	1645	1	MA	1	Mo3	boreal survey	migration monitoring	
Red-faced Warbler <sup>1</sup>	<i>Cardellina rubrifrons</i>	1646	1	PR	1	Mo1,4	MX BBS	border bird survey	
Painted Redstart <sup>1</sup>	<i>Myioborus pictus</i>	1649	2			Mo1,4	MX BBS	border bird survey	
Rufous-capped Warbler <sup>1</sup>	<i>Basileuterus rufifrons</i>	1654	3			Mo1,4	MX BBS	border bird survey	
Yellow-breasted Chat	<i>Icteria virens</i>	1661							
Hepatic Tanager	<i>Piranga flava</i>	1696				Mo2,4	MX BBS	border bird survey	SA surveys
Summer Tanager	<i>Piranga rubra</i>	1697							
Scarlet Tanager	<i>Piranga olivacea</i>	1698						improve BBS	
Western Tanager	<i>Piranga ludoviciana</i>	1699							
Flame-colored Tanager <sup>1</sup>	<i>Piranga bidentata</i>	1700	2			Mo1,4	MX BBS	border bird survey	
White-collared Seedeater	<i>Sporophila torqueola</i>	1739				Mo1,4	MX BBS	border bird survey	
Olive Sparrow	<i>Arremonops rufivirgatus</i>	1775				Mo2,4	MX BBS	border bird survey	
Green-tailed Towhee	<i>Pipilo chlorurus</i>	1781			1	Mo2a	improve BBS		

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Spotted Towhee	<i>Pipilo maculatus</i>	1783							
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	1784			1				
Canyon Towhee	<i>Pipilo fuscus</i>	1786			1	Mo4	MX BBS	improve BBS	
California Towhee	<i>Pipilo crissalis</i>	1787			1	Mo2a	improve BBS	winter survey	
Abert's Towhee	<i>Pipilo aberti</i>	1788	1	PR	1	Mo2	early spring desert survey	improve CBC	
Rufous-winged Sparrow <sup>1</sup>	<i>Aimophila carpalis</i>	1793	1	PR	1	Mo1,4	MX BBS	border bird survey	
Cassin's Sparrow	<i>Aimophila cassinii</i>	1794						improve BBS	
Bachman's Sparrow	<i>Aimophila aestivalis</i>	1795	1	IM	1	Mo2	improve BBS	winter survey	
Botteri's Sparrow <sup>1</sup>	<i>Aimophila botterii</i>	1796	2			Mo1,4	MX BBS	border bird survey	
Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	1797						improve BBS	winter survey
Five-striped Sparrow <sup>1</sup>	<i>Aimophila quinquestrata</i>	1800	1	MA		Mo1,4	MX spp-specific	border bird survey	
American Tree Sparrow	<i>Spizella arborea</i>	1803				Mo2,3	arctic survey	improve CBC	
Chipping Sparrow	<i>Spizella passerina</i>	1804							
Clay-colored Sparrow	<i>Spizella pallida</i>	1805							
Brewer's Sparrow	<i>Spizella breweri</i>	1806	1	MA	1			improve BBS	
Field Sparrow	<i>Spizella pusilla</i>	1807							
Black-chinned Sparrow	<i>Spizella atrogularis</i>	1809	1	MA		Mo2	improve BBS	MX BBS	
Vesper Sparrow	<i>Pooecetes gramineus</i>	1810						improve BBS	
Lark Sparrow	<i>Chondestes grammacus</i>	1811						improve BBS	
Black-throated Sparrow	<i>Amphispiza bilineata</i>	1812						improve BBS	
Sage Sparrow	<i>Amphispiza belli</i>	1813			1			improve BBS	winter survey
Lark Bunting	<i>Calamospiza melanocorys</i>	1814			1				
Savannah Sparrow	<i>Passerculus sandwichensis</i>	1815				Mo3	boreal survey	migration monitoring	improve CBC
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	1816			1				
Baird's Sparrow	<i>Ammodramus bairdii</i>	1817	1	IM	1			improve BBS	
Henslow's Sparrow	<i>Ammodramus henslowii</i>	1818	1	IM		Mo2	improve BBS	winter survey	
Le Conte's Sparrow	<i>Ammodramus leconteii</i>	1819				Mo3	boreal survey		
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	1820	1	PR		Mo2	improve BBS	spp-specific (Maritime)	
Saltmarsh Sharp-tailed Sparrow <sup>1</sup>	<i>Ammodramus caudacutus</i>	1821	1	IM	1	Mo2	spp-specific		
Seaside Sparrow <sup>1</sup>	<i>Ammodramus maritimus</i>	1822	1	PR	1	Mo2	spp-specific	improve CBC	
Fox Sparrow	<i>Passerella iliaca</i>	1824				Mo3	boreal survey	migration monitoring	
Song Sparrow	<i>Melospiza melodia</i>	1825							
Lincoln's Sparrow	<i>Melospiza lincolni</i>	1826			1	Mo3	boreal survey	migration monitoring	
Swamp Sparrow	<i>Melospiza georgiana</i>	1827			1	Mo3	boreal survey	migration monitoring	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	1829			1	Mo3	boreal survey	migration monitoring	improve CBC
Harris's Sparrow	<i>Zonotrichia querula</i>	1830	1	MA	1	Mo2,3	arctic survey	improve CBC	

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Appendix 1. Conservation Status and Recommended Monitoring Approaches for Native Landbirds that Regularly Breed in the U.S. and Canada

Species <sup>1</sup>	Latin name	taxonomic sort	Watch List <sup>2</sup>	Action <sup>3</sup>	Stewardship <sup>4</sup>	Monitoring need <sup>5</sup>	Monitoring action most needed to remove species from high needs list <sup>6</sup>	Second tier monitoring action <sup>7</sup>	Third tier monitoring action <sup>8</sup>
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	1831				Mo3	boreal survey	migration monitoring	improve CBC
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	1832				Mo3	boreal survey	improve CBC	
Dark-eyed Junco	<i>Junco hyemalis</i>	1834				Mo3	boreal survey	migration monitoring	improve CBC
Yellow-eyed Junco	<i>Junco phaeonotus</i>	1835				Mo2,4	MX BBS	border bird survey	
McCown's Longspur	<i>Calcarius mccownii</i>	1836	1	PR	1	Mo2a	improve BBS	winter survey	
Lapland Longspur	<i>Calcarius lapponicus</i>	1837			1	Mo2,3	arctic survey	improve CBC	
Smith's Longspur <sup>1</sup>	<i>Calcarius pictus</i>	1838	1	PR		Mo2,3	arctic survey	winter survey	
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	1839			1			improve BBS	winter survey
Snow Bunting	<i>Plectrophenax nivalis</i>	1848			1	Mo2,3	arctic survey	improve CBC	
McKay's Bunting <sup>1</sup>	<i>Plectrophenax hyperboreus</i>	1849	1	PR	1	Mo1,3	spp-specific		
Northern Cardinal	<i>Cardinalis cardinalis</i>	1859							
Pyrrhuloxia	<i>Cardinalis sinuatus</i>	1860			1	Mo4	MX BBS	improve BBS	
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	1863							
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	1864						improve BBS	
Blue Grosbeak	<i>Guiraca caerulea</i>	1867							
Lazuli Bunting	<i>Passerina amoena</i>	1868						improve BBS	
Indigo Bunting	<i>Passerina cyanea</i>	1869			1				
Varied Bunting <sup>1</sup>	<i>Passerina versicolor</i>	1872	1	MA		Mo1,4	MX BBS	border bird survey	
Painted Bunting	<i>Passerina ciris</i>	1873	1	MA				improve BBS	
Dickcissel	<i>Spiza americana</i>	1874	1	MA	1				
Bobolink	<i>Dolichonyx oryzivorus</i>	1875							
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	1876							
Tricolored Blackbird	<i>Agelaius tricolor</i>	1878	1	IM	1	Mo2	spp-specific	winter survey	
Eastern Meadowlark	<i>Sturnella magna</i>	1883							
Western Meadowlark	<i>Sturnella neglecta</i>	1884							
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	1885				Mo2	improve BBS	winter survey (roosts)	winter survey
Rusty Blackbird	<i>Euphagus carolinus</i>	1888	1	MA		Mo2,3	boreal survey	winter survey	
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	1889						improve BBS	
Common Grackle	<i>Quiscalus quiscula</i>	1890							
Boat-tailed Grackle	<i>Quiscalus major</i>	1891						improve BBS	winter survey
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	1892				Mo4	MX BBS	improve BBS	
Shiny Cowbird	<i>Molothrus bonariensis</i>	1897				Mo2,4	Caribbean survey	spp-specific U.S.	SA surveys
Bronzed Cowbird	<i>Molothrus aeneus</i>	1898				Mo4	MX BBS	improve BBS	
Brown-headed Cowbird	<i>Molothrus ater</i>	1899							
Orchard Oriole	<i>Icterus spurius</i>	1908				Mo2a	improve BBS		
Hooded Oriole	<i>Icterus cucullatus</i>	1909				Mo2,4	MX BBS	border bird survey	

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Streak-backed Oriole	<i>Icterus pustulatus</i>	1914				Mo1,4	MX BBS	border bird survey	
Bullock's Oriole	<i>Icterus bullockii</i>	1915						improve BBS	
Altamira Oriole <sup>1</sup>	<i>Icterus gularis</i>	1919	2			Mo1,4	MX BBS	border bird survey	
Audubon's Oriole <sup>1</sup>	<i>Icterus graduacauda</i>	1920	1	MA		Mo1,4	MX BBS	border bird survey	
Baltimore Oriole	<i>Icterus galbula</i>	1921						improve BBS	
Scott's Oriole	<i>Icterus parisorum</i>	1923			1			improve BBS	
Gray-crowned Rosy-Finch	<i>Leucosticte tephrocotis</i>	1950				Mo1,3	high elevation/arctic surveys	improve CBC	
Black Rosy-Finch <sup>1</sup>	<i>Leucosticte atrata</i>	1951	1	PR	1	Mo2	high elevation survey	winter survey	
Brown-capped Rosy-Finch <sup>1</sup>	<i>Leucosticte australis</i>	1952	1	PR	1	Mo2	high elevation survey	winter survey	
Pine Grosbeak	<i>Pinicola enucleator</i>	1953			1	Mo3	boreal survey	improve CBC	
Purple Finch	<i>Carpodacus purpureus</i>	1955				Mo3	boreal survey	improve CBC	
Cassin's Finch	<i>Carpodacus cassinii</i>	1956			1				
House Finch	<i>Carpodacus mexicanus</i>	1957						improve BBS	winter survey
Red Crossbill	<i>Loxia curvirostra</i>	1958				Mo2	improve BBS	improve CBC	
White-winged Crossbill	<i>Loxia leucoptera</i>	1960			1	Mo2,3	boreal survey	improve BBS	improve CBC
Common Redpoll	<i>Carduelis flammea</i>	1961				Mo3	arctic survey	improve CBC	
Hoary Redpoll	<i>Carduelis hornemanni</i>	1962			1	Mo2,3	arctic survey		
Pine Siskin	<i>Carduelis pinus</i>	1964				Mo3	boreal survey	improve CBC	
Lesser Goldfinch	<i>Carduelis psaltria</i>	1970						improve BBS	
Lawrence's Goldfinch <sup>1</sup>	<i>Carduelis lawrencei</i>	1971	1	PR	1	Mo2	improve BBS	improve CBC	
American Goldfinch	<i>Carduelis tristis</i>	1972							
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	1979						improve BBS	
<sup>1</sup> Species on or nearly on the Watch List (see note 2) that are high priority candidates for rapid status assessment.									
<sup>2</sup> 1= Species of conservation concern at the continental scale (Rich et al. 2004); 2=species that would be on the PIF Watch List if population trend (currently unknown) proved to be moderate (equivalent to 15-49% decline over 30 years); 3=species that would be on the PIF Watch list if population trend (currently unknown) proved to be severe (equivalent to decline ≥ 50% over 30 years).									
<sup>3</sup> Priority action (from Rich et al. 2004): IM=Immediate Management, MA=Management, PR=Planning and Stewardship.									
<sup>4</sup> Stewardship species (breeding season) from the PIF Continental Landbird Conservation Plan (Rich et al. 2004).									

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<sup>5</sup> Monitoring need: Mo1 = little or no information on population status; Mo2 and Mo2a = Trend information available from an existing survey, but trend precision is low; Mo3 = 1/3 or more of the Canadian/U.S. breeding range is not covered by a breeding-season survey (i.e., much of range north of BBS coverage); Mo4 = 2/3 or more of Western Hemisphere breeding range is south of the U.S.; S = high concern species already subject to some species-specific specific monitoring. First three categories are from Rich et al. (2004). A blank indicates that BBS or a species-specific survey already provides acceptable data at the continental level.									
<sup>6</sup> Priority action for addressing monitoring needs for improving knowledge of status in North America (coded in previous column). A blank indicates that BBS already provides acceptable data at the continental level.									
<sup>7</sup> Next best approach to improving status information (after step in previous column).									
<sup>8</sup> Third best approach to improving status information.									
<sup>9</sup> Dunn, E. H., B. L. Altman, J. Bart, C. J. Beardmore, H. Berlanga, P. J. Blancher, G. S. Butcher, D. W. Demarest, R. Dettmers, W. C. Hunter, E. E. Iñigo-Elias, A. O. Panjabi, D. N. Pashley, C. J. Ralph, T. D. Rich, K. V. Rosenberg, C. M. Rustay, J. M. Ruth, and T. C. Will. 2005. High priority needs for range-wide monitoring of North American landbirds. Partners in Flight Technical Series No. 2. Partners in Flight website: <a href="http://www.partnersinflight.org/pubs/ts/02MonitoringNeeds.pdf">http://www.partnersinflight.org/pubs/ts/02MonitoringNeeds.pdf</a> .									