

PRIORITY BIRDS FOR IOWA PRAIRIE POTHOLE REGION (BCR 11)

<u>Priority Species</u>	<u>Community</u>	<u>IA Endangered Species Status</u>	<u>Breeding or Migratory</u>	<u>Water Level Preference</u>	<u>Habitat Preferences</u>
Northern Harrier	GR	E	B		medium to tallgrass w/litter layer and forbs; especially wet prairies
Greater Prairie Chicken	GR	(re)	B		large expanses of short to medium grass with abundant forbs
Burrowing Owl	GR		B		grazed grassland or shortgrass prairie
Short-eared Owl	GR	E	B		medium to tallgrass w/litter layer and forbs; prefers large, undisturbed area, +200 acres
Upland Sandpiper	GR		B		open areas of tallgrass and shortgrass prairies at least 25 acres in size
Buff-breasted Sandpiper	GR-WE		M		grassy areas, wet or dry; sometimes mudflats
Common Nighthawk	GR		B		open areas of grasslands or flat rooftops of towns & cities
Sedge Wren	GR		B		tall grass w/litter layer (infrequent disturbance)
Loggerhead Shrike	GR-SH		B		short grass w/scattered thorny shrubs, shrubby pastures
Dickcissel	GR		B		medium grass w/sparse forbs
Field Sparrow	GR-SH		B		medium-tall grass w/scattered shrubs & small trees
Lark Sparrow	GR-SA		B		short grass w/few trees and shrubs /pastured savanna
Grasshopper Sparrow	GR		B		short grass w/forbs & sparse small shrubs
Henslow's Sparrow	GR	T	B		tall grass w/thick litter layer & forbs (infrequent disturbance)
Le Conte's Sparrow	GR-WE		M		rank grasses and weedy forbs immediately adjacent to wetland edge
Nelson's Sharp-tailed Sparrow	GR-WE		M		rank grasses along wetland edge
Bobolink	GR		B		medium grass w/sparse forbs, also alfalfa
Eastern Meadowlark	GR-SA		B		grasslands/prairie w/tree singing perches
American White Pelican	WE		M	m-d	marshes and shallow lakes w/fish
American Bittern	WE	(u.c.)	B	s	tall, dense emergent vegetation fringe
Least Bittern	WE		B	s	tall, dense emergent vegetation fringe
Black-crowned Night-heron	WE		B	m-d	marshes ringed with cattails, shrubs, or trees
Trumpeter Swan	WE	(re)	B	m-d	large hemi-marsh wetlands, w/muskrat houses and extensive submergent vegetation
Northern Pintail	WE		B	s-m	permanent marshes with adjacent upland grassland
Canvasback	WE		B	s-m	prairie marshes encircled with bullrushes or cattails
Redhead	WE		B	m-d	large prairie marshes encircled with bullrushes or cattails
Osprey	WE		B	d	large clear lakes w/fish & surrounded by trees

Table 1. Iowa Priority Species Suites for the Prairie Pothole Region (BCR 11) (code key on following page)

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<u>Priority Species</u>	<u>Community</u>	<u>IA Endangered Species Status</u>	<u>Breeding or Migratory</u>	<u>Water Level Preference</u>	<u>Habitat Preferences</u>
Yellow Rail	WE		M	wm	wet meadows & fens w/abundant sedges
King Rail	WE		B	wm	sedge-meadow zones of wetland edges
Common Moorhen	WE		B	s	hemi-marsh wetlands
Sandhill Crane	WE		B	s-wm	large hemi-marsh wetlands w/wet sedge-meadows and/or hayfields
Whooping Crane	WE		B	s-wm	large hemi-marsh wetlands w/wet sedge-meadows and/or hayfields
American Golden-plover	WE		M	wm	wet cultivated or grassy fields
American Avocet	WE		M	s-wm	borders of shallow marshes or wet meadows and fields
Greater Yellowlegs	WE		M	s-wm	shallow marshes or wet meadows and fields
Lesser Yellowlegs	WE		M	s-wm	shallow marshes or wet meadows and fields
Solitary Sandpiper	WE		M	s-wm	wooded ponds; shallow marshes or wet meadows and fields
Hudsonian Godwit	WE		M	s-wm	sparse-moderately vegetated shorelines in large grassland-pothole complexes
Marbled Godwit	WE		M	s-wm	sparse-moderately vegetated shorelines in large grassland-pothole complexes
Stilt Sandpiper	WE		M	s-wm	shallow ponds and marshes or wet meadows or mudflats
Short-billed Dowitcher	WE		M	s-wm	shallow marshes or wet meadows or mudflats
Wilson's Phalarope	WE		M (B rare)	s-d	tall, dense vegetation within 35 ft. of wetlands (B); open water and flooded meadows (M)
Black Tern	WE	(u.c.)	B	m	good sized marshes and shallow lakes w/interspersions of emergent vegetation & water
Forster's Tern	WE	(u.c.)	B	m	good sized marshes and shallow lakes w/interspersions of emergent vegetation & water
Rusty Blackbird	WE-RF		M		vegetated marshes and wooded wetlands
Black-billed Cuckoo	RF-OW		B		woodland thickets with 2' to 6' tall shrubs
Red-headed Woodpecker	RF-OW		B		open riparian woodlands
Bald Eagle	RF	E	B		rivers and large lakes bordered by large, tall trees
GR = grassland	E = endangered		B = breeding	d = deep water (<36")	tall grass = >48"
WE = wetland	(re) = reintroduced		M = migratory	m = moderate depth (12"-36")	medium grass = 24"-48"
RF = riparian forest	(u.c.) = under consideration			s = shallow water (0"-12")	short grass = <24"
OW = open woodland				wm = wet meadow (saturated)	

Table 1. Iowa Priority Species Suites for the Prairie Pothole Region (BCR 11)

Priority Birds for Iowa Eastern Tallgrass Prairie Region (BCR 22)

<u>Priority Species</u>	<u>Community</u>	<u>IA Endangered Species Status</u>	<u>Breeding or Migratory</u>	<u>Water Level Preference</u>	<u>Habitat Preferences</u>
Greater Prairie Chicken	GR	(re)	B		large expanses of short to medium grass w/abundant forbs
Burrowing Owl	GR		B		grazed grassland or shortgrass prairie w/mammal burrows
Short-eared Owl	GR	E	B		medium to tallgrass w/litter layer and forbs; prefers large, undisturbed area, +200 acres
Northern Harrier	GR	E	B		medium to tallgrass w/litter layer and forbs; especially wet prairies
Northern Bobwhite	GR-SH		B		short-to-medium grass w/shrub thickets and abundant forbs
Upland Sandpiper	GR		B		open areas of tallgrass and shortgrass prairies at least 25 acres in size
Sedge Wren	GR		B		tall grass w/litter layer (infrequent disturbance)
Bobolink	GR		B		medium grass w/sparse forbs, also alfalfa
Dickcissel	GR		B		medium grass w/sparse forbs
Henslow's Sparrow	GR	T	B		tall grass w/thick litter layer & forbs (infrequent disturbance)
Grasshopper Sparrow	GR		B		short grass w/forbs & sparse small shrubs
Loggerhead Shrike	GR-SH		B		short grass w/scattered thorny shrubs, shrubby pastures
Bell's Vireo	GR-SH		B		medium grass w/scattered shrubs & riparian thickets
Field Sparrow	GR-SH		B		medium-tall grass w/scattered shrubs & small trees
Lark Sparrow	GR-SA		B		short grass w/few trees and shrubs /pastured savanna
Eastern Meadowlark	GR-SA		B		grasslands/prairie w/tree singing perches
Sharp-tailed Grouse	GR-SA-SH		B		grasslands/prairie w/scattered trees and shrubs
Barn Owl	SA		B		savannas w/large hollow trees for nest sites
Long-eared Owl	SA-OW	T	B		mixed deciduous-conifer woodland w/adjacent grassland
Northern Mockingbird	SA-SH		B		savannas w/scattered shrubs & small trees
Red-headed Woodpecker	SA-OW-RF		B		oak savanna and open riparian woodland w/scattered snags
Nelson's Sharp-tailed Sparrow	GR-WE		M		rank grasses along wetland edge
Le Conte's Sparrow	GR-WE		M		rank grasses and weedy forbs close to wetland edge
Buff-breasted Sandpiper	GR-WE		M		usually dry, grassy areas; sometimes mudflats
American White Pelican	WE		M	m-d	marshes, shallow lakes, and river pools w/fish
American Bittern	WE	(u.c.)	B	s	tall, dense emergent vegetation fringe of marsh
Least Bittern	WE		B	s	tall, dense emergent vegetation fringe of marsh
Black-crowned Night-heron	WE		B	m-d	marshes ringed with cattails, shrubs, or trees
Yellow-crowned Night-heron	WE-RF		B	m-d	wooded bottomland sloughs, lakes, and marshes
Canvasback	WE		M	d	Mississippi River wetlands w/wild celery
Trumpeter Swan	WE	(re)	B	m-d	large hemi-marsh wetlands, w/muskrat houses and submergent vegetation
Osprey	WE		B	d	large clear lakes w/fish & surrounded by trees
Common Moorhen	WE		B	s	hemi-marsh wetland complexes
Sandhill Crane	WE		B	s-wm	large marshes w/wet sedge-meadows and/or hayfields
Whooping Crane	WE		M	s-wm	large marshes w/wet sedge-meadows and/or hayfields
Piping Plover	WE		B	d	sandbars and barren areas along Missouri River
Least Tern	WE		B	d	sandbars and barren areas along Missouri River
Black Tern	WE	(u.c.)	B	m	large prairie marsh w/emergent vegetation
Forster's Tern	WE	(u.c.)	B	m	large prairie marsh w/emergent vegetation
American Golden-plover	WE		M	wm	wet cultivated or grassy fields
American Avocet	WE		M	s-wm	borders of shallow marshes or wet meadows and fields
Greater Yellowlegs	WE		M	s-wm	shallow marshes or wet meadows and fields

Table 2. Iowa Priority Species Suites for the Eastern Tallgrass Prairie Region (BCR 22) (code key on following page)

Priority Birds for Iowa Eastern Tallgrass Prairie Region (BCR 22)

<u>Priority Species</u>	<u>Community</u>	<u>IA Endangered Species Status</u>	<u>Breeding or Migratory</u>	<u>Water Level Preference</u>	<u>Habitat Preferences</u>
Lesser Yellowlegs	WE		M	s-wm	shallow marshes or wet meadows and fields
Solitary Sandpiper	WE		M	s-wm	wooded ponds; shallow marshes or wet meadows and fields
Hudsonian Godwit	WE		M	s-wm	short, sparse grass cover along wetland shorelines
Marbled Godwit	WE		M	s-wm	short, sparse grass cover along wetland shorelines
Stilt Sandpiper	WE		M	s-wm	shallow ponds and marshes or wet meadows or mudflats
Short-billed Dowitcher	WE		M	s-wm	shallow marshes or wet meadows or mudflats
Wilson's Phalarope	WE		M (B rare)	s-d	tall, dense vegetation within 35 ft. of wetlands (B); open water and flooded meadows (M)
Willow Flycatcher	WE-SH		B		willow shrub thickets in riparian areas vegetated marshes and wooded wetlands
Cerulean Warbler	DF	u.c.	B		large, mature unfragmented forests
Kentucky Warbler	DF		B		riparian/ravine areas within forest understory
Louisiana Waterthrush	DF		B		large, mature forests w/permanent streams
Hooded Warbler	DF		B		large, mature unfragmented forests
Worm-eating Warbler	DF		B		large, unfragmented forests w/shrub understory
Black-and-white Warbler	DF		B		large, unfragmented forests w/shrub understory
Veery	DF	u.c.	B		moist woodlands w/understory of low trees or shrubs
Wood Thrush	DF		B		mature, moist forest w/closed canopy
Acadian Flycatcher	DF		B		riparian/ravine areas within large mature, unfragmented forests
Broad-winged Hawk	DF		B		large, mature forests w/permanent streams
Peregrine Falcon	DF	E	B		cliffs associated with large rivers
Ruffed Grouse	DF		B		large forests w/areas of high tree stem density
Whip-poor-will	DF		B		ungrazed woodland w/open understory
American Woodcock	DF-OW		B		moist brushy woodlands w/scattered openings
Least Flycatcher	DF-OW		B		open deciduous forest larger than 80 acres
White-eyed Vireo	DF-OW-SA-SH		B		woodland/savanna edge thickets w/dense shrubs
Golden-winged Warbler	DF-OW-SH		M		woodland openings w/late successional grasslands & abundant forbs or shrubs
Blue-winged Warbler	DF-OW-SH		B		wooded openings w/late successional grasslands & abundant forbs or shrubs; near water
Black-billed Cuckoo	DF-OW-SH		B		woodland thickets w/2' to 6' shrubs
Yellow-billed Cuckoo	DF-OW-SH		B		woodland thickets w/dense 4' to 8' shrubs
Eastern Towhee	DF-OW-SH		B		dense shrubby woodland edges
Willow Flycatcher	SH		B		willow shrub thickets near riparian corridors
Bald Eagle	RF	E	B		rivers and large lakes bordered by large, tall trees
Red-shouldered Hawk	RF	E	B		large floodplain forests w/wetlands
Brown Creeper	RF		B		large, mature unfragmented floodplain forests
Prothonotary Warbler	RF		B		swampy, mature riparian woodland
Rusty Blackbird	RF-WE		M		vegetated marshes and wooded wetlands

GR = grassland
 WE = wetland
 RF = riparian forest
 OW = open woodland
 DF = deciduous forest
 SA = savanna
 SH = shrub

E = endangered
 T = threatened
 (u.c.) = under consideration

B = breeding
 M = migratory

d = deep water (>36")
 m = moderate depth (12"-36")
 s = shallow depth (0"-12")
 wm = wet meadow (saturated)

tall grass = >48"
 medium grass = 24"-48"
 short grass = <24"

Table 2. Iowa Priority Species Suites for the Eastern Tallgrass Prairie Region (BCR 22) (page 2)

PRIORITY BIRDS FOR IOWA PRAIRIE-TO-HARDWOOD TRANSITION REGION (BCR 23)

<u><i>Priority Species</i></u>	<u><i>Community</i></u>	<u><i>IA Endangered Species Status</i></u>	<u><i>Breeding or Migratory</i></u>	<u><i>Water Level Preference</i></u>	<u><i>Habitat Preferences</i></u>
Cerulean Warbler	DF	u.c.	B		large, mature unfragmented forests
Kentucky Warbler	DF		B		riparian/ravine areas within forest understory
Canada Warbler	DF		B?		mature forest w/shrubby undergrowth
Louisiana Waterthrush	DF		B		large, mature forests w/permanent streams
Hooded Warbler	DF		B		large, mature unfragmented forests
Worm-eating Warbler	DF		B		large, unfragmented forests w/shrub understory
Black-and-white Warbler	DF		B		large, unfragmented forests w/shrub understory
Veery	DF	u.c.	B		moist woodlands w/understory of low trees or shrubs
Wood Thrush	DF		B		mature, moist forest w/closed canopy
Acadian Flycatcher	DF		B		riparian/ravine areas within large mature, unfragmented forests
Broad-winged Hawk	DF		B		large, mature forests w/permanent streams
Peregrine Falcon	DF	E	B		cliffs associated with large rivers
Ruffed Grouse	DF		B		large forests w/areas of high tree stem density
Whip-poor-will	DF		B		ungrazed woodland w/open understory
American Woodcock	DF-OW		B		moist brushy woodlands w/scattered openings
Least Flycatcher	DF-OW		B		open deciduous forest larger than 80 acres
White-eyed Vireo	DF-OW-SA-SH		B		woodland/savanna edge thickets w/dense shrubs
Golden-winged Warbler	DF-OW-SH		M		woodland openings w/late successional grasslands & abundant forbs or shrubs
Blue-winged Warbler	DF-OW-SH		B		woodland openings w/late successional grasslands & abundant forbs or shrubs; near water
Black-billed Cuckoo	DF-OW-SH		B		woodland thickets w/2' to 6' shrubs
Yellow-billed Cuckoo	DF-OW-SH		B		woodland thickets w/dense 4' to 8' shrubs
Eastern Towhee	DF-OW-SH		B		dense shrubby woodland edges
Bald Eagle	RF	E	B		rivers and large lakes bordered by large, tall trees
Red-shouldered Hawk	RF	E	B		large floodplain forests w/wetlands
Brown Creeper	RF		B		large, mature unfragmented floodplain forests
Prothonotary Warbler	RF		B		swampy, mature riparian woodland
Rusty Blackbird	RF-WE		M		vegetated marshes and wooded wetlands

Table 3. Iowa Priority Species Suites for the Prairie to Hardwood Transition Region (BCR 23) (code key on following page)

PRIORITY BIRDS FOR IOWA PRAIRIE-TO-HARDWOOD TRANSITION REGION (BCR 23)

<u>Priority Species</u>	<u>Community</u>	<u>IA Endangered Species Status</u>	<u>Breeding or Migratory</u>	<u>Water Level Preference</u>	<u>Habitat Preferences</u>
Red-headed Woodpecker	SA-OW		B		oak savanna and open riparian woodland w/scattered snags
Long-eared Owl	OW-SA	T	B		mixed deciduous-conifer woodland w/adjacent open grassland
Yellow-breasted Chat	OW-SA-SH		B		Dense shrubby woodland/wooded pasture/savanna
Common Nighthawk	GR		B		open areas of grasslands or flat rooftops of towns & cities
Henslow's Sparrow	GR	T	B		tall grass w/thick litter & many residual stems (infrequent disturbance)
Bobolink	GR		B		medium grass w/sparse forbs, also alfalfa
Dickcissel	GR		B		medium grass w/sparse forbs
Grasshopper Sparrow	GR		B		short grass w/forbs & sparse small shrubs
Sedge Wren	GR		B		tall grass w/litter layer (infrequent disturbance)
Northern Bobwhite	GR-SH		B		short-to-medium grass w/shrub thickets and abundant forbs
Field Sparrow	GR-SH		B		medium grass w/ medium (15-30%) shrub cover
Lark Sparrow	GR-SA		B		short grass w/few trees and shrubs /pastured savanna
Eastern Meadowlark	GR-SA		B		grasslands/prairie w/tree singing perches
American White Pelican	WE		M	m-d	riparian areas w/islands
Yellow-crowned Night-heron	WE-RF		B	m-d	wooded bottomland sloughs, lakes, and marshes
Osprey	WE		B	d	tree-lined lakes & rivers w/fish
Trumpeter Swan	WE	(re)	B	m-d	large hemi-marsh wetlands, w/muskrat houses
Sandhill Crane	WE-GR		B	s-wm	large hemi-marsh wetlands w/wet sedge meadows and/or hayfields
Whooping Crane	WE-GR		M	s-wm	large hemi-marsh wetlands w/wet sedge meadows and/or hayfields
King Rail	WE	E	B	s-wm	sedge meadow zones of wetland edges
Canvasback	WE		M	d	Mississippi River wetlands w/wild celery
Willow Flycatcher	WE-SH		B		willow shrub thickets along wetland edges

GR = grassland
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 OW = open woodland
 DF = deciduous forest
 SA = savanna
 SH = shrub

E = endangered
 T = threatened
 (u.c.) = under consideration

B = breeding
 M = migratory

d = deep water (>36")
 m = moderate depth (12"-36")
 s = shallow depth (0"-12")
 wm = wet meadow (saturated)

tall grass = >48"
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Table 3. Iowa Priority Species Suites for the Prairie to Hardwood Transition Region (BCR 23) (Page 2)