

# **Appendix N: Wildlife and Habitat Matrix**



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Numbers in the matrix represent the habitat potential for the wildlife for each land cover type. The potential ranks are: 0=no; 2=medium; 3=high. Habitat potential rankings were based on the integrated life cycle of each species as determined by Fish & Wildlife Service biologists.

Scientific Name	Refuge Breeder	Crab Orchard Abundance	Eastern Red-cedar Forest (old field)	Mixed Hardwood Upland Forest	Mixed Hardwood Bottomland Forest	Eastern Red-cedar - Mixed Hardwood Forest (old field)	Pine Plantation - Mixed Hardwood Forest	Pine Plantation Forest
Double-crested Cormorant	N	Common	0	0	0	0	0	0
Canada Goose (Resident)	Y	Common	0	0	0	0	0	0
Canada Goose (Migrant)	N	Abundant	0	0	0	0	0	0
Wood Duck	Y	Common	0	1	3	1	1	0
American Black Duck	N	Uncommon	0	0	1	0	0	0
Mallard	Y	Common	0	0	2	0	0	0
Blue-winged Teal	N	Common	0	0	1	0	0	0
Northern Pintail	N	Uncommon	0	0	0	0	0	0
Canvasback	N	Uncommon	0	0	0	0	0	0
Bald Eagle	Y	Uncommon	0	0	1	0	0	0
Red-shouldered Hawk	Y	Uncommon	1	2	3	1	1	1
American Woodcock	Y	Uncommon	1	1	1	1	1	1
Chuck-will's-widow	Y	Uncommon	1	2	2	1	1	0
Whip-poor-will	Y	Uncommon	1	2	2	1	1	0
Red-headed Woodpecker	Y	Uncommon	1	2	2	1	2	1
Northern Flicker	Y	Uncommon	1	1	1	1	1	1
Acadian Flycatcher	Y	Uncommon	1	3	2	2	2	1
Loggerhead Shrike (migrans)	N	Occasional	0	0	0	0	0	0
Bell's Vireo	Y	Occasional	0	0	0	0	0	0
Wood Thrush	Y	Uncommon	1	3	3	2	2	1
Blue-winged Warbler	Y	Occasional	1	1	1	1	1	1
Prairie Warbler	Y	Uncommon	1	0	0	0	0	0
Cerulean Warbler	Y	Rare	1	3	3	2	2	1

Scientific Name	Refuge Breeder	Crab Orchard Abundance	Eastern Red-cedar Forest (old field)	Mixed Hardwood Upland Forest	Mixed Hardwood Bottomland Forest	Eastern Red-cedar - Mixed Hardwood Forest (old field)	Pine Plantation - Mixed Hardwood Forest	Pine Plantation Forest
Worm-eating Warbler	Y	Uncommon	1	3	3	2	2	1
Louisiana Waterthrush	Y	Uncommon	1	3	3	2	2	1
Kentucky Warbler	Y	Uncommon	1	3	3	2	2	1
Field Sparrow	Y	Uncommon	1	0	0	0	0	0
Grasshopper Sparrow	N	Occasional	0	0	0	0	0	0
Dickcissel	Y	Common	0	0	0	0	0	0
Eastern Meadowlark	Y	Common	0	0	0	0	0	0
Indiana Bat	N	Unknown	0	1	2	1	1	0

Scientific Name	Bald-cypress Plantation Swamp Forest	Early Successional Oak Forest (reforested)	Upland Mixed Shrubland (old field)	Willow/Wet Shrubland	Buttonbush Swamp Shrubland	Restored Native Grassland	Fallow Herbaceous Field	Forest Regeneration Herbaceous Land
Double-crested Cormorant	0	0	0	0	0	0	0	0
Canada Goose (Resident)	0	0	0	0	0	0	1	0
Canada Goose (Migrant)	0	0	0	0	0	0	1	0
Wood Duck	1	0	0	1	2	0	0	0
American Black Duck	1	0	0	1	1	0	1	0
Mallard	1	0	0	1	1	1	1	0
Blue-winged Teal	1	0	0	1	1	1	1	0
Northern Pintail	1	0	0	1	1	0	0	0
Canvasback	1	0	0	1	1	0	0	0
Bald Eagle	1	0	0	0	0	0	0	0
Red-shouldered Hawk	1	1	1	1	1	1	1	1
American Woodcock	1	3	2	3	2	1	1	1
Chuck-will's-widow	0	0	1	0	0	0	0	0
Whip-poor-will	0	0	1	0	0	0	0	0
Red-headed Woodpecker	1	1	1	1	0	0	0	0
Northern Flicker	1	2	2	1	1	1	2	2
Acadian Flycatcher	1	1	0	0	0	0	0	0
Loggerhead Shrike (migrans)	0	1	2	1	1	2	1	1
Bell's Vireo	0	1	2	1	1	1	1	1
Wood Thrush	0	0	0	0	0	0	0	0
Blue-winged Warbler	1	2	2	1	1	0	1	0
Prairie Warbler	0	2	2	1	0	1	2	2
Cerulean Warbler	1	0	0	0	0	0	0	0
Worm-eating Warbler	0	1	0	0	0	0	0	0
Louisiana Waterthrush	1	1	1	0	0	0	0	0
Kentucky Warbler	1	1	1	0	0	0	0	0
Field Sparrow	0	1	2	1	1	2	2	2
Grasshopper Sparrow	0	0	0	0	0	3	1	1
Dickeissel	0	0	0	0	0	3	1	1
Eastern Meadowlark	0	0	0	0	0	3	1	1
Indiana Bat	1	1	0	1	1	0	0	0

Scientific Name	Perennial Grass Crops	Wet Herbaceous Meadow	Common Reed Marsh	Cattail Marsh	Aquatic Herbaceous Marsh	Agricultural Field	Open Water	Developed Land
Double-crested Cormorant	0	0	0	0	1	0	2	0
Canada Goose (Resident)	2	1	1	1	1	2	1	1
Canada Goose (Migrant)	2	1	1	1	1	2	1	1
Wood Duck	0	0	1	1	1	0	1	0
American Black Duck	0	1	2	2	2	1	2	0
Mallard	0	1	2	2	2	1	2	0
Blue-winged Teal	0	1	2	2	2	1	2	0
Northern Pintail	0	1	2	2	2	1	2	0
Canvasback	0	1	2	2	2	0	2	0
Bald Eagle	0	1	1	1	1	1	2	0
Red-shouldered Hawk	1	1	1	1	1	1	0	1
American Woodcock	1	1	1	1	1	1	0	0
Chuck-will's-widow	0	0	0	0	0	0	0	0
Whip-poor-will	0	0	0	0	0	0	0	0
Red-headed Woodpecker	0	0	0	0	0	0	0	0
Northern Flicker	1	0	0	0	0	1	0	1
Acadian Flycatcher	0	0	0	0	0	0	0	0
Loggerhead Shrike (migrans)	1	0	0	0	0	0	0	0
Bell's Vireo	0	0	0	0	0	0	0	0
Wood Thrush	0	0	0	0	0	0	0	0
Blue-winged Warbler	0	0	0	0	0	0	0	0
Prairie Warbler	1	0	0	0	0	0	0	0
Cerulean Warbler	0	0	0	0	0	0	0	0
Worm-eating Warbler	0	0	0	0	0	0	0	0
Louisiana Waterthrush	0	0	0	0	0	0	0	0
Kentucky Warbler	0	0	0	0	0	0	0	0
Field Sparrow	1	0	0	0	0	0	0	0
Grasshopper Sparrow	1	1	0	0	0	0	0	0
Dickcissel	2	1	0	0	0	0	0	0
Eastern Meadowlark	2	1	0	0	0	0	0	0
Indiana Bat	0	1	1	1	1	0	0	0