

U.S. Fish & Wildlife Service

# Edwin B. Forsythe

*National Wildlife  
Refuge*

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*Birds*





This goose, designed by J.N. "Ding" Darling, has become a symbol of the National Wildlife Refuge System.

Edwin B. Forsythe National Wildlife Refuge is one of more than 555 refuges in the National Wildlife Refuge System, which is administered by the U.S. Fish and Wildlife Service. The National Wildlife Refuge System is a network of lands and waters managed specifically for the protection of wildlife and wildlife habitat and represents the most comprehensive wildlife resource management program in the world. Units of the system stretch across the United States from northern Alaska to the Florida Keys, and include small islands in the Caribbean and South Pacific. The character of the refuges is as diverse as the nation itself.

This refuge contains more than 47,000 acres of southern New Jersey, spanning 50 miles from Oceanville to Brick Township. About 80% of the refuge is tidal salt marsh. Along the wildlife drive are man-made freshwater ponds called impoundments. Upland woods, swamps, grassland, and brushy thickets complete the diversity of habitat which attracts a wide variety of birds. Spring and fall are great times to view migrant songbirds and shorebirds. In fall, huge flocks of ducks and snow geese arrive, and Forsythe holds the largest concentrations of wintering American Black Duck and Brant on the Atlantic coast. A description of refuge wildlife viewing sites is available in the refuge's general brochure.



### *Dunlin and Semipalmated Sandpipers*

This brochure lists 359 species that have been observed on the refuge. Names and order of the listing are in accordance with the Seventh American Ornithologists' Union Checklist, through the 53rd supplement.

#### **Season**

Most birds are migratory, therefore, their seasonal occurrence is coded as follows:

Sp	Spring	March – May
S	Summer	June – August
F	Fall	September – November
W	Winter	December – February

#### **Status**

- has nested on the refuge

*Italics indicate federally threatened or endangered species*

- (A) Found primarily or exclusively on Atlantic coastal portion of refuge or offshore; unusual or absent along Wildlife Drive
- (EX) Extirpated; formerly occurred on the refuge but no longer does

#### **Relative Abundance**

Codes indicate how frequently you might see a bird in its favored habitat and appropriate season.

a	abundant	very numerous in suitable habitat
c	common	likely to be seen or heard in suitable habitat
u	uncommon	usually present in suitable habitat, but not certain to be seen
o	occasional	seen in suitable habitat only a few times during the season
r	rare	may be present in very small numbers; not necessarily every year
x	accidental	very few records; not seen in most years

	Sp	Su	F	W
<b>Swans – Geese – Ducks</b>				
___ Black-bellied Whistling-Duck ___	x	x		
___ Fulvous Whistling-Duck _____		x	x	x
___ Greater White-fronted Goose ___			x	x
___ Snow Goose _____	c	r	a	a
___ Ross's Goose _____	x		r	r
___ Brant _____	a	r	a	a
___ Cackling Goose _____			x	x
___ • Canada Goose _____	c	c	c	c
___ • Mute Swan _____	c	c	c	c
___ Tundra Swan _____	o		u	o
___ • Wood Duck _____	u	u	u	r
___ • Gadwall _____	c	u	c	u
___ Eurasian Wigeon _____			r	r
___ American Wigeon _____	c	r	c	u
___ • American Black Duck _____	a	c	a	a
___ • Mallard _____	c	u	c	c
___ • Blue-winged Teal _____	c	o	u	r
___ Cinnamon Teal _____		x		
___ Northern Shoveler _____	c	o	c	c
___ Northern Pintail _____	c	o	a	u
___ Garganey _____		x		
___ Green-winged Teal _____	c	o	a	c
___ Canvasback _____	r		o	r
___ Redhead _____	r		o	r
___ Ring-necked Duck _____	u		u	u
___ Greater Scaup _____	u		c	c
___ Lesser Scaup _____	u		u	u
___ King Eider (A) _____			x	x
___ Common Eider (A) _____			r	r
___ Harlequin Duck (A) _____	o	r	u	u
___ Surf Scoter (A) _____	u	r	u	u
___ White-winged Scoter (A) _____	o		o	o
___ Black Scoter (A) _____	u	r	u	u
___ Long-tailed Duck (A) _____	u		u	u
___ Bufflehead _____	c		c	c
___ Common Goldeneye _____	o		u	u
___ • Hooded Merganser _____	c	r	c	c
___ Common Merganser _____			r	r
___ Red-breasted Merganser _____	u	r	c	c
___ • Ruddy Duck _____	u	u	u	u

	Sp	Su	F	W
<b>Quail – Grouse – Turkey</b>				
___ • Northern Bobwhite _____	o	o	o	o
___ Ring-necked Pheasant (EX) _____	r	r	r	r
___ • Ruffed Grouse (EX) _____	r	r	r	r
___ • Wild Turkey _____	u	u	u	u

**Loons – Grebes**

___ Red-throated Loon (A) _____	u		a	c
___ Pacific Loon (A) _____				x
___ Common Loon (A) _____	u	r	u	u
___ Pied-billed Grebe _____	u	o	u	u
___ Horned Grebe _____	u		u	u
___ Red-necked Grebe (A) _____	x			
___ Eared Grebe _____	x		x	x
___ Western Grebe (A) _____				x

**Shearwaters – Cormorants – Pelicans**

___ Cory’s Shearwater (A) _____		r		
___ Sooty Shearwater (A) _____	o	r		
___ Wilson’s Storm-Petrel (A) _____		o		
___ Frigatebird, sp. (A) _____		x		
___ Northern Gannet (A) _____	c	o	a	u
___ Double-crested Cormorant _____	a	c	a	u
___ Great Cormorant (A) _____	r		o	o
___ American White Pelican _____	r	r	r	x
___ Brown Pelican (A) _____	o	u	u	r

*Northern Pintail*



Gail South

**Bitterns – Herons – Ibises**

___ American Bittern _____	u	r	u	u
___ • Least Bittern _____	u	u	o	
___ • Great Blue Heron _____	c	u	c	u
___ • Great Egret _____	c	c	c	o
___ • Snowy Egret _____	c	c	c	r
___ • Little Blue Heron _____	u	u	u	r
___ • Tricolored Heron _____	u	u	u	r
___ Reddish Egret _____		x		
___ Cattle Egret _____	o	o	o	
___ • Green Heron _____	u	u	u	
___ • Black-crowned Night-Heron _____	u	u	u	u
___ • Yellow-crowned Night-Heron _____	o	o	o	
___ White Ibis _____	r	r	r	
___ • Glossy Ibis _____	c	c	c	
___ White-faced Ibis _____	r	r	r	
___ Roseate Spoonbill _____		x	x	

**Vultures**

___ Black Vulture _____	u	o	u	o
___ Turkey Vulture _____	u	c	u	o

*Great Egret*



Dave Woeller

	Sp	Su	F	W
<b>Hawks – Eagles</b>				
___ • Osprey _____	c	c	c	
___ Swallow-tailed Kite _____	x			
___ White-tailed Kite _____			x	
___ Mississippi Kite _____	x			
___ Bald Eagle _____	u	o	u	u
___ • Northern Harrier _____	u	o	u	u
___ Sharp-shinned Hawk _____	o		u	u
___ • Cooper's Hawk _____	u	o	u	u
___ Northern Goshawk _____			r	r
___ Red-shouldered Hawk _____	r	r	o	r
___ • Broad-winged Hawk _____	o	o	u	
___ • Red-tailed Hawk _____	u	o	c	c
___ Rough-legged Hawk _____	r		o	u
___ Golden Eagle _____	r		r	r

### Rails – Cranes

___ Yellow Rail _____		x	x	x
___ • Black Rail _____	r	r	r	
___ • Clapper Rail _____	c	c	c	u
___ King Rail _____	r	r	r	
___ • Virginia Rail _____	u	u	u	o
___ Sora _____	u	u	u	
___ Purple Gallinule _____	r	r	r	r
___ • Common Gallinule _____	o	o	o	r
___ • American Coot _____	u	o	u	u
___ Sandhill Crane _____	x	x		

### Plovers – Sandpipers

___ Black-bellied Plover _____	c	u	c	u
___ American Golden-Plover _____	r	r	o	
___ Wilson's Plover (A) _____	x	x	x	
___ Semipalmated Plover _____	c	u	c	r
___ • <i>Piping Plover</i> (A) _____	u	u	o	
___ • Killdeer _____	u	u	u	o
___ • American Oystercatcher _____	u	u	u	o
___ Black-necked Stilt _____	r	x	x	
___ American Avocet _____	x	r	r	
___ Spotted Sandpiper _____	u	o	u	
___ Solitary Sandpiper _____	u	u	u	
___ Spotted Redshank _____			x	
___ Greater Yellowlegs _____	c	c	c	u





Dave Woeller

Willet

	Sp	Su	F	W
___ • Willet _____	c	c	u	r
___ Lesser Yellowlegs _____	u	c	c	r
___ Upland Sandpiper _____	r	r	r	
___ Whimbrel _____	c	o	u	x
___ Long-billed Curlew _____			x	
___ Black-tailed Godwit _____	x	x	x	
___ Hudsonian Godwit _____	r	o	o	
___ Bar-tailed Godwit _____		x		
___ Marbled Godwit _____	r	r	o	r
___ Ruddy Turnstone _____	c	o	c	u
___ Red Knot (A) _____	u	u	u	r
___ Sanderling (A) _____	c	o	c	u
___ Semipalmated Sandpiper _____	a	a	a	
___ Western Sandpiper _____	o	u	c	o
___ Red-necked Stint _____		x		
___ Little Stint _____		x		
___ Least Sandpiper _____	c	c	c	r
___ White-rumped Sandpiper _____	u	u	u	
___ Baird's Sandpiper _____			o	
___ Pectoral Sandpiper _____	o	o	u	
___ Purple Sandpiper _____	r		o	o
___ Dunlin _____	a	o	a	a
___ Curlew Sandpiper _____	r	r	r	
___ Stilt Sandpiper _____	r	u	u	
___ Buff-breasted Sandpiper _____		r	o	
___ Ruff _____	r	r	r	



	Sp	Su	F	W
___ Short-billed Dowitcher _____	c	a	c	r
___ Long-billed Dowitcher _____	r	o	c	r
___ Wilson's Snipe _____	u	r	u	o
___ • American Woodcock _____	u	o	u	o
___ Wilson's Phalarope _____	r	o	o	
___ Red-necked Phalarope _____	r	r	r	
___ Red Phalarope _____	x	x	x	

### Gulls – Terns – Alcids

___ Black-legged Kittiwake (A) _____			r	r
___ Bonaparte's Gull (A) _____	u		u	u
___ Black-headed Gull (A) _____	x		x	x
___ Little Gull (A) _____				o
___ • Laughing Gull _____	a	a	c	r
___ Ring-billed Gull _____	c	u	c	c
___ • Herring Gull _____	a	c	a	a
___ Iceland Gull (A) _____	r			r
___ Lesser Black-backed Gull (A) _____	r	r	r	r
___ Glaucous Gull (A) _____	r	x		r
___ • Great Black-backed Gull _____	c	c	c	c
___ Sooty Tern _____			x	
___ Bridled Tern _____			x	
___ • Least Tern _____	u	u	r	
___ • Gull-billed Tern _____	u	u	r	
___ Caspian Tern _____	u	u	u	
___ Black Tern _____	r	o	o	
___ <i>Roseate Tern</i> (A) _____	r	r		

### *Piping Plover*



	Sp	Su	F	W
___ • Common Tern _____	u	c	u	
___ • Forster's Tern _____	c	c	c	r
___ Royal Tern (A) _____	o	o	u	
___ Sandwich Tern (A) _____		r	r	
___ • Black Skimmer _____	c	c	c	r
___ Pomarine Jaeger (A) _____			x	
___ Parasitic Jaeger (A) _____	r		o	
___ Dovekie (A) _____				x
___ Common Murre (A) _____				x
___ Razorbill (A) _____				r

### Doves – Owls – Swifts – Hummingbirds

___ • Rock Pigeon _____	u	u	u	u
___ • Mourning Dove _____	c	c	c	c
___ • Yellow-billed Cuckoo _____	u	u	u	
___ • Black-billed Cuckoo _____	o	o	o	
___ • Barn Owl _____	r	r	r	r
___ • Eastern Screech-Owl _____	u	u	u	u
___ • Great Horned Owl _____	u	u	u	u
___ Snowy Owl _____				r
___ • Barred Owl _____	o	o	o	o
___ Long-eared Owl _____	r		o	r
___ Short-eared Owl _____	o		o	o
___ Northern Saw-whet Owl _____	r		o	r
___ Common Nighthawk _____	o	r	u	
___ • Chuck-will's-widow _____	c	c		
___ • Eastern Whip-poor-will _____	u	u	o	
___ • Chimney Swift _____	u	u	u	
___ • Ruby-throated Hummingbird _____	u	u	u	
___ • Belted Kingfisher _____	u	o	u	u

### Woodpeckers – Falcons – Flycatchers

___ Red-headed Woodpecker _____	o	r	o	r
___ • Red-bellied Woodpecker _____	c	c	c	c
___ Yellow-bellied Sapsucker _____	o		u	r
___ • Downy Woodpecker _____	u	u	u	u
___ • Hairy Woodpecker _____	o	o	o	o
___ • Northern Flicker _____	u	u	c	o
___ American Kestrel _____	u	o	u	o
___ Merlin _____	o		u	o
___ Gyrfalcon _____	x			x

	Sp	Su	F	W
___ • Peregrine Falcon _____	u	u	u	u
___ Olive-sided Flycatcher _____	r		r	
___ • Eastern Wood-Pewee _____	u	o	u	
___ Yellow-bellied Flycatcher _____	r	r	r	
___ Acadian Flycatcher _____	r	r	r	
___ Alder Flycatcher _____	r	r	o	
___ • Willow Flycatcher _____	o	r	r	
___ Least Flycatcher _____	o		o	
___ Pacific-slope/Cordilleran Flycatcher _____			x	
___ • Eastern Phoebe _____	u	r	u	r
___ Say's Phoebe _____			x	
___ Ash-throated Flycatcher _____			x	
___ • Great Crested Flycatcher _____	u	u	u	
___ Western Kingbird _____			r	x
___ • Eastern Kingbird _____	u	u	u	
___ Gray Kingbird _____			x	
___ Scissor-tailed Flycatcher _____	x			
___ Fork-tailed Flycatcher _____			x	

### Shrikes – Vireos

___ Northern Shrike _____			x	x
___ • White-eyed Vireo _____	u	u	u	
___ • Yellow-throated Vireo _____	o	r	r	
___ Blue-headed Vireo _____	o		o	
___ Warbling Vireo _____	r	x	r	
___ Philadelphia Vireo _____	x		o	
___ • Red-eyed Vireo _____	u	u	u	

### Jays – Crows – Larks – Swallows

___ • Blue Jay _____	c	c	c	u
___ • American Crow _____	c	u	c	u
___ • Fish Crow _____	c	c	c	u
___ Common Raven _____	r		r	r
___ • Horned Lark _____	o	r	u	u
___ • Northern Rough-winged Swallow _____	u	u	u	
___ • Purple Martin _____	c	c	o	
___ • Tree Swallow _____	c	c	c	o
___ Bank Swallow _____	o	o	o	
___ • Barn Swallow _____	c	c	c	
___ Cliff Swallow _____	r	r	o	
___ Cave Swallow _____			r	

	Sp	Su	F	W
<b>Titmice – Nuthatches – Wrens</b>				
___ • Carolina Chickadee _____	c	c	c	c
___ • Tufted Titmouse _____	c	c	c	c
___ Red-breasted Nuthatch _____	o		o	o
___ • White-breasted Nuthatch _____	u	o	u	u
___ Brown Creeper _____	o		o	o
___ • House Wren _____	u	u	u	r
___ Winter Wren _____	o		u	o
___ • Sedge Wren _____	r	r	r	r
___ • Marsh Wren _____	c	u	c	o
___ • Carolina Wren _____	c	c	c	c
<b>Kinglets – Thrushes – Thrashers</b>				
___ • Blue-gray Gnatcatcher _____	u	o	u	
___ Golden-crowned Kinglet _____	u		c	o
___ Ruby-crowned Kinglet _____	u		c	o
___ Northern Wheatear _____			x	
___ • Eastern Bluebird _____	o	o	u	u
___ Mountain Bluebird _____			x	
___ Townsend's Solitaire _____			x	x
___ Veery _____	u		u	
___ Gray-cheeked Thrush _____	o		o	
___ Swainson's Thrush _____	o		o	
___ Hermit Thrush _____	u		c	u
___ • Wood Thrush _____	u	u	o	
___ • American Robin _____	c	c	c	c
___ • Gray Catbird _____	c	c	c	o
___ • Northern Mockingbird _____	c	c	c	u
___ Sage Thrasher _____	x			
___ • Brown Thrasher _____	u	u	u	o
<b>Starlings – Waxwings</b>				
___ • European Starling _____	c	c	c	c
___ American Pipit _____	o		u	o
___ Bohemian Waxwing _____				x
___ • Cedar Waxwing _____	u	o	u	u
<b>Longspurs – Snow Bunting</b>				
___ Lapland Longspur _____	r		r	r
___ Snow Bunting _____	r		o	o

	Sp	Su	F	W
<b>Wood-warblers</b>				
• Ovenbird _____	u	u	u	
Worm-eating Warbler _____	r	r	o	
Louisiana Waterthrush _____	o	o		
Northern Waterthrush _____	u	o	u	
Blue-winged Warbler _____	u	o	u	
Golden-winged Warbler _____	r		r	
• Black-and-white Warbler _____	u	o	u	
Prothonotary Warbler _____	r			
Tennessee Warbler _____	o		o	
Orange-crowned Warbler _____			r	r
Nashville Warbler _____	o		u	
Connecticut Warbler _____			r	
Mourning Warbler _____	r		r	
Kentucky Warbler _____	r	r		
• Common Yellowthroat _____	c	c	c	r
• Hooded Warbler _____	o	o	o	
American Redstart _____	u	o	c	
Cape May Warbler _____	o		o	
Cerulean Warbler _____	r			
Northern Parula _____	u	o	u	
Magnolia Warbler _____	u		u	
Bay-breasted Warbler _____	o		o	
Blackburnian Warbler _____	o		o	
• Yellow Warbler _____	c	c	u	
Chestnut-sided Warbler _____	u		u	
Blackpoll Warbler _____	u		u	
Black-throated Blue Warbler _____	u		u	
Palm Warbler _____	u		c	o
• Pine Warbler _____	u	u	u	r
Yellow-rumped Warbler _____	c		c	u
Yellow-throated Warbler _____	r	r		
• Prairie Warbler _____	u	u	u	
Black-throated Gray Warbler _____			x	
Townsend's Warbler _____			x	
Black-throated Green Warbler _____	u		u	
Canada Warbler _____	u		u	
Wilson's Warbler _____	o		o	
• Yellow-breasted Chat _____	o	o	o	r

Sp	Su	F	W
u	u	u	o
		r	r
c	c	u	r
		r	
u	u	u	o
x		r	
		r	
c		c	u
r	r	r	
o		o	r
c	c	u	o
c	c	u	o
o		u	u
c	c	c	c
r		r	
c	u	c	u
c		c	c
r		o	r
u		c	c
r	r		
u	u	u	
			x
c	c	c	c

### Sparrows & Allies

- \_\_\_ • Eastern Towhee \_\_\_\_\_
- \_\_\_ American Tree Sparrow \_\_\_\_\_
- \_\_\_ • Chipping Sparrow \_\_\_\_\_
- \_\_\_ Clay-colored Sparrow \_\_\_\_\_
- \_\_\_ • Field Sparrow \_\_\_\_\_
- \_\_\_ Vesper Sparrow \_\_\_\_\_
- \_\_\_ Lark Sparrow \_\_\_\_\_
- \_\_\_ Savannah Sparrow \_\_\_\_\_
- \_\_\_ • Grasshopper Sparrow \_\_\_\_\_
- \_\_\_ Nelson's Sparrow \_\_\_\_\_
- \_\_\_ • Saltmarsh Sparrow \_\_\_\_\_
- \_\_\_ • Seaside Sparrow \_\_\_\_\_
- \_\_\_ Fox Sparrow \_\_\_\_\_
- \_\_\_ • Song Sparrow \_\_\_\_\_
- \_\_\_ Lincoln's Sparrow \_\_\_\_\_
- \_\_\_ • Swamp Sparrow \_\_\_\_\_
- \_\_\_ White-throated Sparrow \_\_\_\_\_
- \_\_\_ White-crowned Sparrow \_\_\_\_\_
- \_\_\_ Dark-eyed Junco \_\_\_\_\_

### Tanagers – Cardinals – Grosbeaks

- \_\_\_ Summer Tanager \_\_\_\_\_
- \_\_\_ • Scarlet Tanager \_\_\_\_\_
- \_\_\_ Western Tanager \_\_\_\_\_
- \_\_\_ • Northern Cardinal \_\_\_\_\_

*Brant*



	Sp	Su	F	W
___ Rose-breasted Grosbeak _____	u		u	
___ • Blue Grosbeak _____	u	u	o	
___ • Indigo Bunting _____	u	u	u	
___ Painted Bunting _____				x
___ Dickcissel _____		r	r	

**Blackbirds – Finches**

___ Bobolink _____	o	u	u	
___ • Red-winged Blackbird _____	a	a	a	c
___ • Eastern Meadowlark _____	u	o	u	u
___ Yellow-headed Blackbird _____		r	r	
___ Rusty Blackbird _____	o		u	o
___ • Common Grackle _____	c	c	c	u
___ • Boat-tailed Grackle _____	u	u	u	u
___ • Brown-headed Cowbird _____	c	u	c	u
___ • Orchard Oriole _____	u	u	r	
___ • Baltimore Oriole _____	u	o	u	
___ Purple Finch _____	o		u	o
___ • House Finch _____	c	c	c	c
___ Red Crossbill _____			r	r
___ White-winged Crossbill _____				r
___ Common Redpoll _____			r	r
___ Pine Siskin _____	r		o	o
___ • American Goldfinch _____	c	c	c	u
___ Evening Grosbeak _____	r		r	r
___ • House Sparrow _____	c	c	c	c



Don Freiday/USFWS



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