____ Black-throated Blue Warbler . . u o u

| Dark-eyed Junco | а | | a | a |
|-------------------------------|---|---|---|---|
| Tree Sparrow | u | | u | u |
| Chipping Sparrow [†] | | | | |
| Field Sparrow [†] | С | С | С | С |
| White-crowned Sparrow | 0 | | 0 | 0 |
| White-throated Sparrow | a | | a | а |
| Fox Sparrow | u | | u | u |
| Swamp Sparrow | С | | С | a |
| Song Sparrow [†] | a | u | a | a |
| Snow Bunting | | | 0 | 0 |
| | | | | |

s S F W

NOTES

| Location | |
|-----------|-------|
| Date | Total |
| Observers | |
| Weather | Wind |
| Time | |

When waterfowl reach their peak numbers during November and December, about **85,000** Canada geese and **50,000** ducks can be observed on Blackwater Refuge. Nesting ducks include black duck, blue-winged teal, mallard, and wood duck. Other nesting birds of note are the Endangered red-cockaded woodpecker, and *southern* bald eagle; king and Virginia rails, common gallinule, barn owl, and osprey. Here, near the Northern limit of its range, the brown-headed nuthatch permanently resides in the loblolly pines.

A list of accidental species seen only once or twice on the refuge is available on request. Please report any sightings of birds not in agreement with this list to:

> Refuge Manager Blackwater National Wildlife Refuge Rte. 1, Box 121 Cambridge, Md. 21613

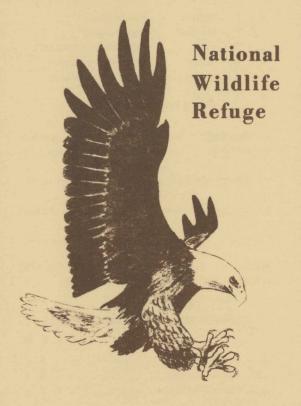


____ Vesper Sparrow..... u o o r



Refuge Leaflet RL51530
June 1976

Birds of Blackwater



THE BLACKWATER NATIONAL WILD-LIFE REFUGE, established in January 1933, is located on the Eastern Shore of the Chesapeake Bay in Dorchester County, Maryland, about 10 miles south of Cambridge. It serves as an important resting and feeding area for migrant and wintering waterfowl in the chain of waterfowl refuges along the Atlantic Flyway that extends from Canada to the Gulf of Mexico.

Maryland

| This folder lists 238 species of birds identified by | s S F W | s S F W | s S F W |
|---|--|--|--|
| refuge personnel and qualified visitors. | Snow Goose u c c | Virginia Rail [†] c u c u | Saw-whet Owl r |
| | Mallard [†] a c a a | Sora u u r | Chuck-will's-widow o o |
| Most birds are migratory therefore their seasonal | Black Duck [†] a c a a | Black Rail [†] r r r | Whip-poor-will [†] c c o |
| occurrence is coded as follows: | Gadwall c o c u | Common Gallinule u u u | Common Nighthawk [†] u u u |
| | Pintail c r c c | American Coot c o c c | |
| SEASON | Green-winged Teal a r a c | Semipalmated Plover c u c | SWIFTS – HUMMINGBIRDS, |
| | Blue-winged Teal [†] c c c r | Killdeer [†] c c c u | KINGFISHERS – WOODPECKERS |
| s — Spring March-May | European Wigeon r | American Golden Plover r | Chimney Swift [†] c c c |
| S — Summer June-August | American Wigeon a r a c | Black-bellied Plover o o r | |
| F — Fall September-November | Northern Shoveler | | Ruby-throated Hummingbird [†] . c c c |
| W – Winter December-February | Wood Duck [†] u u u o | American Woodcock [†] c u c o | Belted Kingfisher [†] c u c u |
| † = Nesting has occurred on the refuge | Redhead o o o | Common Snipe c o c u | |
| | Ring-necked Duck u c o | Spotted Sandpiper c u c | Common Flicker [†] |
| RELATIVE ABUNDANCE | Canvasback r r o | Solitary Sandpiper c c c | Pileated Woodpecker [†] u u u u |
| | Greater Scaup r r o | — Willet [†] r u r | Red-bellied Woodpecker c c c c |
| a — <u>abundant</u> a species which is very numerous. | Lesser Scaup o o u Common Goldeneye u u u | Greater Yellowlegs c c c o | Red-headed Woodpecker r r r r |
| c - common certain to be seen or heard in | (2) 보고 있는 사람들은 10 HT (2011년 1일 12 HT) 10 HT (2011년 12 HT) 10 HT (2011년 12 HT) 10 HT (2011년 12 HT) 10 HT (2 | Lesser Yellowlegs | Yellow-bellied Sapsucker u u o |
| suitable habitat, | Bufflehead u u u u Oldsquaw o u | Pectoral Sandpiper u c c | — Hairy Woodpecker [†] u u u u — Downy Woodpecker [†] c c c c |
| u - uncommon present, but not certain to be | | White-rumped Sandpiper o o | Red-cockaded Woodpecker [†] u u u r |
| seen. | — White-winged Scoter r — Ruddy Duck u u u | Least Sandpiper a a a r | Neu-cockaded Woodpecker : d d d l |
| o – <u>occasional</u> seen only a few times during | — Hodded Merganser u r u u | Dunlin | FLYCATCHERS, SWALLOWS, JAYS, |
| a season. | Common Merganser c c u | | CROWS, TITMICE and NUTHATCHES |
| r — <u>rare</u> seen at intervals of 2 to 5 years. | Red-breasted Merganser o o o | Long-billed Dowitcher r r Stilt Sandpiper r o o | |
| Species are listed in accordance with the fifth | The breasted wierganser 0 | Semipalmated Sandpiper | Eastern Kingbird [†] c c c |
| (1959) A.O.U. Check List as amended. | VULTURES, HAWKS and EAGLES | — Western Sandpiper o o | Western Kingbirdr |
| | QUAIL and TURKEYS | Sanderling o o r | Great Crested Flycatcher [†] c c c |
| LOONS – GREBES – | Turkey Vulture [†] a a a a | Sandering | Eastern Phoebe [†] c o c r |
| CORMORANTS — HERONS and IBISES | Black Vulture o o o o | GULLS and TERNS - DOVES - | Acadian Flycatcher [†] c c c |
| s S F W | Goshawk a | CUCKOOS - OWLS - NIGHTHAWKS | Least Flycatcher r r |
| Common Loon | Sharp-shinned Hawk u u u | Great Black-backed Gull o u u | Eastern Wood Pewee [†] c c c |
| — Horned Grebe o o u | Cooper's Hawk u u u u | — Herring Gull u u u | Horned Lark [†] c c c c |
| — Pied-billed Grebe c o c u | Red-tailed Hawk† u u c c | Ring-billed Gull u o u u | Tree Swallow [†] c c a o |
| | Red-shouldered Hawk o o u | Laughing Gull u u u | Bank Swallow u u r |
| Double-crested Cormorant o r o | Broad-winged Hawk o o | Bonaparte's Gull u u o | — Rough-winged Swallow [†] u u u |
| — Great Blue Heron [†] c c c c | Rough-legged Hawk o u c | Forster's Tern u u u | Barn Swallow † a a a |
| Green Heron [†] c c c | Golden Eagle o o | Common Tern u o o | — Purple Martin [†] c c u |
| Little Blue Heron u c u | Bald Eagle† c c c c | Least Tern u u r | |
| Cattle Egret u c c | Marsh Hawk [†] c o c a | Caspian Tern u r o | Blue Jay† u u u u |
| Great Egret u a c r | Osprey† c c c | Black Tern r u o | Common Crow [†] a a a a |
| Snowy Egret u a c | Peregrine Falcon o o r | Mourning Dove [†] | Fish Crow [†] u u u u |
| Louisiana Heron u u r | Merlin o u r | Mourning Dove* c c c c c | Plant sapped Chickadas |
| Black-crowned Night Heron [†] c c c u | American Kestrel c u c c | Yellow-billed Cuckoo [†] c c c | Black-capped Chickadee o Carolina Chickadee [†] c c c c |
| Least Bittern [†] u u u | | Black-billed Cuckoo [†] u o u | Carolina Chickadee · |
| American Bittern [†] u u u o | Bobwhite [†] c c c c | — Barn Owl [†] c c c c | |
| Glossy Ibis 0 0 0 | Turkey 0 0 0 0 | — Barn OWI 1 | White-breasted Nuthatch r r u |
| | RAILS and COOTS | — Great Horned Owl [†] c c c c | Red-breasted Nuthatch o o u |
| SWANS, GEESE and DUCKS | PLOVERS and SANDPIPERS | — Barred Owl [†] | Brown-headed Nuthatch [†] c c c c |
| Whistling Swan u c c | | — Long-eared Owl | Brown Creeper u u u |
| Canada Goose [†] a a a | King Rail [†] c c c r | — Short-eared Owl o r o u | Diowin Greeper u u u u |
| Brant | Clapper Rail [†] u u u r | _ Chartenand Chilifith C 1 C u | |