Brief notes on nesting birds from 27,28,29,30, giene 2011 incidental sightings & short visit to specialized Natitats, Seaside Sparrows at Mallard Slough had a very sacessful nesting souson judging by Nisual. observations with Bivoculars & spotting Scope Sceno from dike roads, Population is still estamated by this observor as stable at about 400 pairs or More Nesting area estimated still estimated at 3mi along Takita Beh road (Nto 5 generally & 3 mi to w to about old Rd 6 & N further alond I & J Bons, some of that Big Bayou and Sheeps head Bayou areas. Jull-billed terns, least Terns, & Black SKimmers are nasting meanly & feeding extensily at FLAG Poold, LAKE 4, \$ TAHLT BEACH PONDS. AT CEAST I PAIR OF AMERICAN OGSTERCETCHERED Fledged 2 young at TAHIT, BEACH. THERE WERE NO other TERNS OF Shorebirds Mesting there except willET. Thereare still about is heron juvenes being fed by adults at LIKE 5 but out of nests. The surrounding wild Fire to heroney most libely delayed growth. Species included Great Egret, Snowy Egret, & little Blue Heron-Purple Gallinules are still meeting at Sake 5 as well. 3 Bluewinged Teal of both sexes were very late-The general health of nesting birds soons to be very good. Regrowth of palmo & grassos is astormaling following June wild fire. 1-2 of growth so far in grasses, palms, of Calmetto as well as the blooms should benefit all wildlife on the soland. 30 Jun 2011 Barbarat Stedman

COUNT ON NESTING HERONS IN LAKES ROOKERY By BH StEdMAN By FOOT & KAYAK ENTIRE LAKE 5-10-2011 1700-1830

DENSE WILLOW GROWTH CONSEALS MANY NESTS. WILLOWS goes to WATER LEVEL SO NO WAY to get under NESTS COUNT IS dONE BY DEST ESTIMATE OF NESTS & YOUNG SEEN CALLS OF DotH YOUNG & Adubts OF EACH Species Combined WITH Adult species & Numbers FLYING to \$ FROM NESTS:

SPECIES YOUNG STAGE (AGE) OF GROWTH # OF NESTS usually 2 young per nests 1/2 to 3/4 grown ANHING A

SNOWY EGRET

young Seen in mests about 50% grown GREAT EGRET

CATTLE EGRET 11 11 " 7590+ 1 fledged

GREEN HERON. [pests in willows ALL OVER ISLAND]

GLOSSY IBLS - pair; territorial heherior Swarra ALSO

LEAST BITTERN 8 SINGING LAKES, COULD NESTS THERE

AS WELL AS OTHER CATAIL LOCATIONS

GREAT BLUE HERON NESTS I Rd I BLACK-CROWNED NIGHT HERON AGGRESS CAUS AFT FLYING INTO CENTER OF WILLOWS & SEGING MR PAIR OF PURPLE CALLINUE IN CENTER OF SAUS PRASSICATIAL AREA 30 M NOF DIKE. CONTINUED AGRESSIVE DISTRACTION WHILE I WAS NEARBY + 5/15 3 NO. IN FLAG POND

5-13-2011 Seconde Sparrous, drove & Stopped from GRd to JRd on Jahiti Beh Rd. Moned Slowly very early AM Jow Zhrs. No wind start 71° sparrows very active setting up, foraging, & flyingscenned mostogivis ible area from Rd with BINOS & Scope from PRuck 63 peen, population appears same as when Seaside Sparrow Study done some years back, burn control of plot is responsible

5-14

35

| - S | P | S | F | W | | -7 - 7 - NIMA 2011 |
|--|-------|------|----------|-----|----|--|
| Sparrows | - | ~ | - | | | Sighting Notes 27,28,29,30 June 2011 STVI Name of Observer: B H Sted Man |
| | a | a | a | a | | STVI |
| | u | u | 0 | 0 | | Name of Observan A II St. |
| 01: : 0 | u | | u | u | | Name of Observer. D A Skamm |
| E: 110 | u | | u | u | | |
| 77 0 | r | r | · · | r | | Species: Total species seen on |
| 1 1 0 | r | | r | r | | |
| 0 1 0 | u | | u | | | BB NED Core at reguest of USGS |
| NT 1 1 01 1 1 0 | u | | | u | | as following on shin Polici Soull |
| Şaltmarsh Sharp-tailed Sparrow | и | | u | u | | Eillei Contal hill work + M 10 |
| 70 110 | _ | | | r | | A Weidental skild work at Malara |
| | C | u | u | u | A | Slough, to be 5 Hownery |
| | u | | u | u | | Eayster ponts. |
| | С | | С | c | | Location: |
| | u | | u | u | ća | |
| | 0 | | 0 | 0 | | Habitat: |
| Dark-eyed Junco | r | | 0 | 0 | | 11000000 |
| | | | . ** | | | |
| Cardinals and Grosbeaks | | | 1 | | | |
| ✓ Northern Cardinal* | c | c | С | c | | |
| | u | · | u | | | D D |
| DI C I I | c | u | u | | | $Distance\ to\ Bird(s)$: |
| T 11 D | c | 0 | | | | |
| D: 1 1 D 1: | | U | u | | | |
| anticed Building | r | | r | | | |
| Plankhinda Cranklas Coushinda ada Osialas | | | | | | |
| Blackbirds, Crackles, Cowbirds, adn Orioles | 5 | | | | | $Date/Time\ Seen:$ |
| | u | | 0 | | | |
| | a | a | a | a | | Weather: |
| | u | 0 | u | u | | weather: |
| ∠Common Grackle* | c | c | c | c | | |
| | a | a | a | a | | |
| | r | r | | | | |
| | c | u | u | u | | |
| ✓ Orchard Oriole* | c | u | 0 | | | Other Observers: |
| Baltimore Oriole | r | | u | | | |
| | | | O. | | | |
| Finches | | | | | | |
| Din a Cial-in | r | | r | r | | |
| | 0 | | | | | Signature: |
| | U | | 0 | 0 | | |
| Ethics for Rindwatching | | | | | | Address: |
| Ethics for Birdwatching | | | | 1 | | Address. |
| Take care not to disturb nesting birds, exp | posir | ig e | eggs a | ına | | |
| young to extreme temperatures and preda | ation | 1. | | | | |
| D' 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | 9 | |
| Disturb wintering wildlife as little as poss | | | | | | |
| particularly during critical feeding and re- | sting | g pe | eriods | | | |
| They need all of their energy reserves to | with | stai | nd the | 9 | | |
| stresses of harsh weather and migration. | | | | | | NOTES: Description of bird, calls, behavior, optical |
| | | | | | | equipment, experience, etc. |
| Do not litter! Many birds die when they k | | | | | | equipment, emportance, ever |
| entangled in fishing lines, six-pack rings a | nd o | the | r tras | sh, | | We appreciate your help in updating our records by |
| or when they mistake garbage for food. | | | | | | reporting any rare, accidental, unlisted birds, or other |
| | | | | | | |
| | | | | | | notable observations to the refuge office. |

| | SP | S | F | W | | SP | S | F | W | _ |
|--|----|---|---|------|---------------|----------------------|-----|---|----|---|
| Vireos | DI | D | I | ** | Mimicthrushes | | D | 1 | ,, | |
| ✓White-eyed Vireo* | c | c | С | u | Gray Catbi | | | a | C. | |
| Blue-headed Vireo | u | | u | u | ✓ Northern N | | c | c | c | |
| Yellow-throated Vireo* | u | u | u | | ✓Brown Thr | | u | c | u | |
| Philadelphia Vireo | r | | | | | - | | | | |
| Red-eyed Vireo* | c | c | С | | Starlings | | | | | |
| Black-whiskered Vireo | r | | | | European S | Starling*@ o | 0 | 0 | 0 | |
| | - | | | | Baropean k | our mig | · · | Ü | Ü | |
| Jays and Crows | | | | | Pipits | | | | | |
| ✓ Blue Jay* | u | u | u | u | American F | Pinit | | 0 | r | |
| American Crow | 0 | 0 | u | u | | ipit | | U | 1 | |
| ✓ Fish Crow* | c | c | c | u | Waxwings | | | | | |
| | | | · | · · | Cedar Wax | wing u | | u | u | |
| Martins and Swallows | | | | | | willig | | и | и | |
| ✓Purple Martin* | u | u | 0 | 0 | Warblers | | | | | |
| Tree Swallow | a | u | a | a | Blue-winge | d Warbler | | | | |
| ✓ Northern Rough-winged Sv | | 0 | 0 | r | Bide-winge | TTT 11 | r | r | | |
| Bank Swallow | 0 | 0 | 0 | 1 | | | | u | | |
| Cliff Swallow* | r | r | r | | ✓ Northern F | wned Warbler u | | u | u | |
| Cave Swallow | r | 1 | 1 | | Yellow War | 1.1 | a | a | 0 | |
| ✓ Barn Swallow* | c | c | c | r | | | 0 | 0 | | |
| Bai ii Swanow | C | C | C | 1 | | ided Warbler r | | 0 | " | |
| Chickadees and Titmice | | | | | Magnolia V | | r | u | | |
| Carolina Chickadee* | | | | | Cape May | | | | | |
| ✓ Caronna Chickadee* ✓ Tufted Titmouse* | c | c | С | c | | ated Blue Warbler o | | 0 | | |
| <u>v</u> furted fitmouse | u | u | u | u | | ped Warbler a | | a | a | |
| Nuthatahaya | | | | | | ated Green Warbler o | | 0 | | |
| Nuthatchers | | | | | Blackburni | | | 0 | | |
| ✓ Brown-headed Nuthatch* | u | u | u | u | | oated Warbler* c | c | u | 0 | |
| | | | | | ✓ Pine Warbl | 1.1 | a | a | a | |
| Creepers | | | | | Prairie War | 1 | 0 | u | r | |
| Brown Creeper | | | | r | Palm Warb | | | u | u | |
| | | | | 11-1 | Bay-breast | | | u | | |
| Wrens | | | | | Blackpoll V | 1 1 777 1 1 | | 0 | | |
| _ √ Carolina Wren* | С | c | c | c | | white Warbler u | 0 | u | 0. | |
| House Wren | O | | u | u | American I | | r | u | | |
| Sedge Wren | u | | u | u- | | ry Warbler* u | u | 0 | | |
| Marsh Wren* | u | u | c | c | Worm-eatin | o . | r | u | | |
| W | | | | | | Vaterthrush 0 | | u | r | |
| Kinglets and Gnatcatchers | | | | | | TT 1 11 1 | r | u | | |
| Golden-crowned Kinglet | r | | r | r | Common Ye | | r | r | | |
| Ruby-crowned Kinglet | С | | c | c | Hooded Wa | 1.1 | c | c | c | |
| ✓Blue-gray Gnatcatcher* | c | c | c | u | Wilson's Wa | | u | u | | |
| | | | | | | 1 01 14 | | r | r | |
| Bluebirds, Thrushers, and Robins | - | | | | ienow-brea | asted Chat* u | u | r | | |
| ∡Eastern Bluebird* | u | r | u | u | T | | | | | |
| Veery | u | | u | , | Tanagers To | ****** | | | | |
| Gray-cheeked Thrush | 0- | | u | | Summer Ta | | c | c | | |
| Swainson's Thrush | 0 | | u | | Scarlet Tan | nager o | | 0 | | |
| Hermit Thrush | 0 | | u | u | | | | | | |
| Wood Thrush | u | r | 0 | | | | | | | |
| American Robin | a | | С | a | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| SP | S | F | W | an an | C | D | TTT |
|-------------------------------------|---|-----|---|--|-----|---|-----|
| Semipalmated Plover c | u | | c | V Manusian D * | S | F | W |
| Piping Plover 0 | r | | 0 | Comment of the state of the sta | u | С | u |
| Killdeer u | r | u | u | Common Ground-Dove* | u | u | u |
| ✓American Oystercatcher*5 u | u | u | u | Cuckoos | | | |
| Black-necked Stilt* o | 0 | 0 | | Dla da la 11 C 1 | 7.0 | | |
| American Avocet o | 0 | О | 0 | V 37-11 1:11 - 1 C - 1 - * | r | r | |
| Greater Yellowlegs u | 0 | u | 0 | Groove-billed Ani | u | u | |
| ∡Lesser Yellowlegs u | 0 | u | 0 | Groove-billed Alli | | r | r |
| Solitary Sandpiper o | 0 | 0 | | 0wls | | | |
| <u>✓</u> Willet* c | c | a | a | D 01* | | | |
| ✓Spotted Sandpiper u | u | u | 0 | 1 C 1* | r | r | r |
| Whimbrel o | 0 | 0 | r | ./C | u | u | u |
| Long-billed Curlew r | | r | r | D10-1 | u | u | u |
| Marbled Godwit o | r | 0 | r | Barred Owl | r | r | r |
| Ruddy Turnstone c | u | c | u | Nightions | | | |
| Red Knot u | u | u | u | Nightjars | | | |
| Sanderling c | c | c | c | Lesser Nighthawk | | | r |
| Semipalmated Sandpiper u | 0 | u | | Common Nighthawk* u Chuck-will's-widow* c | u | u | |
| Western Sandpiper u | 0 | c | 0 | 1171- : :11 | c | u | |
| Least Sandpiper c | c | c | c | Whip-poor-will o | | 0 | u |
| White-rumped Sandpiper o | r | 0 | r | 0 | | | |
| Baird's Sandpiper r | | | | Swifts and Hummingbirds | | | |
| Pectoral Sandpiper o | r | 0 | r | Chimney Swift* u | u | u | |
| Dunlin c | r | u | c | Ruby-throated Hummingbird* u | 0 | u | |
| Stilt Sandpiper o | 0 | . 0 | r | V | | | |
| Buff-breasted Sandpiper o | r | 0 | | Kingfishers | | | |
| Short-billed Dowitcher u | 0 | 0 | u | ✓ Belted Kingfisher c | u | c | c |
| Wilson's Snipe o | | u | 0 | | | | |
| American Woodcock o | | 0 | 0 | Woodpeckers | | | - |
| Wilson's Phalarope r | r | r | | ✓ Red-headed Woodpecker* o | 0 | 0 | 0 |
| | | | | ∠Red-bellied Woodpecker* c | c | c | c |
| Gulls, Terns, and Skimmers | | | | Yellow-bellied Sapsucker u | | u | u |
| ✓ Laughing Gull a | a | a | c | Downy Woodpecker* | u | u | u |
| Bonaparte's Gull u | | 0 | u | Hairy Woodpecker r | r | r | r |
| Ring-billed Gull c | 0 | c | c | Red-cockaded Woodpecker + | + | + | +- |
| Herring Gull u | 0 | u | u | ✓ Northern Flicker u | 0 | u | u |
| Great Black-backed Gull r | | | r | Pileated Woodpecker* u | u | u | u |
| ✓ Gull-billed Tern* o | 0 | 0 | | Planatalana | | | |
| ∠Caspian Tern* u | u | u | u | Flycatchers | | | |
| <u>✓</u> Royal Tern | c | c | u | Eastern Wood-Pewee u | u | u | |
| Sandwich Tern u | c | u | r | Acadian Flycatcher o | 0 | 0 | |
| Common Tern u | u | u | r | Willow Flycatcher r | | | |
| ✓Forster's Tern c | c | С | c | Eastern Phoebe u | | С | C |
| <u>√</u> Least Tern* c | c | u | | Vermilion Flycatcher | | | r |
| Sooty Tern | X | X | | ✓ Great Crested Flycatcher* c | c | 0 | |
| Black Tern o | u | 0 | | Western Kingbird r | r | r | r |
| ✓Black Skimmer c | u | c | c | Eastern Kingbird* | c | С | |
| | | | | Gray Kingbird r | r | r | |
| Pigeons and Doves | | | | Scissor-tailed Flycatcher | | r | |
| Rock Pigeon*@ r | r | r | r | Chrikaa | | | |
| ∠ Eurasian Collared-Dove*@ o | 0 | 0 | 0 | Shrikes | | | |
| White-winged Dove r | r | 0 | 0 | Loggerhead Shrike r | r | r | r |
| | | | | | | | |
| | | | | | | | |

| SP | S | F | W | | Q D | a | ת | TIZ | |
|--|----|-----|----|-------------------------------------|-----------|----|------------------------------|-----|--|
| Waterfowl | ~ | - | | Great White Heron | SP | S | F | W | |
| Snow Goose | | u | 0 | Great Egret* | | X | | | |
| — Canada Goose r | | r | r | ✓ Snowy Egret* | a | a | a | a | |
| ✓ Wood Duck* | c | a | a. | ✓ Little Blue Heron* | a | a | a | a | |
| Gadwall | | u | u | ✓ Tricolored Heron* | c | c | С | C | |
| American Wigeon u | | u | u | Reddish Egret | С | c | С | c | |
| American Black Duck | | r | 0 | Cattle Egret* | 0 | u | u | 0 | |
| Mallard o | | 0 | u | Green Heron* | С | c | С | r | |
| Mottled Duck | r | r | r' | | c | c | u | u | |
| Blue-winged Teal c | u | c | u | ✓Black-crowned Night-Heron* | C' | u | u | c | |
| Northern Shoveler u | и | u | | Yellow-crowned Night-Heron* | u | u | r | r | |
| | | | u | W: 0 100 100 100 1 | | | | | |
| | | 0 | 0 | lbises, Spoonsbills, and Storks | | | | | |
| Green-winged Teal c | | c | c | White Ibis | u | u | u | .u | |
| Canvasback o | | 0 | 0 | _∠Glossy Ibis* | 0 | 0 | c | 0 | |
| Redhead u | | u | u | Roseate Spoonbill | r | r | \mathbf{r} | | |
| Ring-necked Duck | | u | u, | ✓ Wood Stork | u | u | u | 0 | |
| Greater Scaup o | r | 0 | 0 | | | | | | |
| Lesser Scaup c | 0 | С | c | Vultures, Hawks, and Allies | | | | | |
| Surf Scoter u | | 0 | u | Black Vulture | 0 | 0 | 0 | 0 | |
| White-winged Scoter u | | 0 | u | ✓ Turkey Vulture | c | c | c | c | |
| Black Scoter u | | 0 | u | ✓Osprey* | c | c | u | 0 | |
| Bufflehead c | | С | c | American Swallow-tailed Kite* | u | u | | | |
| Common Goldeneye u | | u | u | Mississippi Kite | r | r | r | | |
| Hooded Merganser u | | c | c | ✓Bald Eagle* | c | u | c | c | |
| Red-breasted Merganser c | 0 | c | c | Northern Harrier | u | r | u | u | |
| Ruddy Duck 0 | | 0 | 0 | Sharp-shinned Hawk | 0 | r | u | u | |
| | | | | Cooper's Hawk | 0 | r | u | 0 | |
| Gallinaceous birds (Quails, Turkeys, and Allies) | | | | Red-shouldered Hawk* | c | c | c | c | |
| Wild Turkey* | r | r | r | Broad-winged Hawk | 0 | 0 | u | | |
| Northern Bobwhite* | r | r | r | Red-tailed Hawk* | u | u | c | c | |
| | | | | Golden Eagle | r | и | r | r | |
| Loons | | | | American Kestrel* | u | | u | u | |
| Red-Throated Loon | | | r | Merlin | 0 | | 0 | 0 | |
| Common Loon c | r | u | c | Peregrine Falcon | $^{ m r}$ | | 0 | 0 | |
| | - | | | | 1 | | U | U | |
| Grebes | | | | Rails, Gallinules, Coots and Cranes | | | | | |
| Pied-billed Grebe* | r | 0 | u | Yellow Rail | r | | | | |
| Horned Grebe u | r | 0 | u | Black Rail* | 0 | 10 | 74 | | |
| norned Grebe | 1 | . 0 | и | Clapper Rail* | c | r | $^{\mathrm{r}}_{\mathrm{c}}$ | 0 | |
| O to Delicens and Allies | | | | King Rail | | | | c | |
| Gannets, Pelicans, and Allies | 77 | | | King Ivan Virginia Rail | u | u | u | u | |
| ✓ Brown Booby | X | | 17 | Sora | u | 70 | u | u | |
| Northern Gannet u | r | 0 | u | Sora ✓Purple Gallinule* | c | r | c | C | |
| American White Pelican u | r | 0 | u | Common Moorhen* | 0 | u | 0 | r | |
| Brown Pelican a | a | a | a | American Coot | С | a | a | 0 | |
| Double-crested Cormorant a | c | a | a | Sandhill Crane | С | 0 | c | c | |
| ✓ Anhinga* c | c | c | c | Sanunin Orane | r | | 0 | 0 | |
| Magnificent Frigatebird 0 | 0 | 0 | | Chambinda | | | | | |
| | | | | Shorebirds | | | | | |
| Herons, Egrets, and Allies | | | | Black-bellied Plover | С | u | С | c | |
| American Bittern 0 | r | 0 | 0 | American Golden Plover | r | | r | | |
| ✓ Least Bittern* c | c | u | r | Snowy Plover* | u | u | u | u, | |
| ✓Great Blue Heron* c | c | c | c | Wilson's Plover* | 0 | 0 | 0 | r | |
| | | | | | | | | | |
| | | | | · · | | | | | |

| SP | S | F | W | |
|--|----------|--------------|-----|--|
| Sparrows | | | | Sighting Notes |
| ✓Eastern Towhee* a | a | a | a | |
| Bachman's Sparrow u | u | 0 | 0 | Name of Observant A 11 COL |
| Chipping Sparrow u | | u | u | Name of Observer: BH Steamcon |
| Field Sparrow u | | u | u | |
| Vesper Sparrow r | r | a | r | Species: |
| Lark Sparrow r | • | r | r | |
| Savannah Sparrow u | | u | u | 1 8-0 0.0 |
| 11 1 61 1 1 6 | | | | Mindeutal while on |
| | | u | u | STILL to do DDC soul |
| Saltmarsh Sharp-tailed Sparrow | | | r | Number: 3 101 16 C15 1355 W8CG |
| Seaside Sparrow* c | u | u | u | ē. ———————————————————————————————————— |
| Song Sparrow u | | u | u | |
| Swamp Sparrow c | | c | c | Location: |
| White-throated Sparrow u | | u | u | |
| White-crowned Sparrow o | | 0 | 0 | Trabitat. |
| Dark-eyed Junco r | | 0 | 0 | Habitat: |
| | | | | |
| Cardinals and Grosbeaks | | | | |
| ✓ Northern Cardinal* c | c | c | ·c | |
| — D 1 (10 1 1 | C | | C | |
| | 12 | u | | $Distance\ to\ Bird(s):$ |
| | u | u | | |
| Indigo Bunting c | 0 | u | | |
| Painted Bunting r | | r | | j |
| | | | | |
| Blackbirds, Crackles, Cowbirds, adn Orioles | | | | Date/Time Seen: 06302011 |
| Bobolink u | | O | | 00000011 |
| ✓ Red-winged Blackbird* a | a | a | a | |
| Eastern Meadowlark u | 0 | u | u | Weather: |
| √ Common Grackle* c | c | c | c | |
| ✓Boat-tailed Grackle* | a | a | a | |
| Shiny Cowbird r | r | а | а | |
| Frown-headed Cowbird* | u | 11 | 11 | |
| ./ 0 1 10 11 4 | | u | u | Other Observers: |
| | u | 0 | | |
| Baltimore Oriole r | | u | | |
| | | | | |
| Finches | | | | Ė |
| Pine Siskin r | | \mathbf{r} | r | Signature: |
| American Goldfinch o | | O | 0 | Signature. |
| | | | | |
| Ethics for Birdwatching | | | | * Address: |
| Take care not to disturb nesting birds, exposi- | ing e | eggs a | nd | |
| young to extreme temperatures and predatio | | 00 | | |
| , S | | | | |
| Disturb wintering wildlife as little as possible | <u>.</u> | | | |
| particularly during critical feeding and resting | | minde | | |
| They need all of their energy reserves to with | ng pe | nd the | | |
| stresses of harsh weather and migration. | ista. | na une | 5 | |
| bu coocs of marsh weather and inigration. | | | | NOTES: Description of bird, calls, behavior, optical |
| Do not littori Monro birda di anta di | | | | equipment, experience, etc. |
| Do not litter! Many birds die when they beco | | | 1 | |
| entangled in fishing lines, six-pack rings and | othe | er tras | sh, | We appreciate your help in updating our records by |
| or when they mistake garbage for food. | | | | reporting any rare, accidental, unlisted birds, or other |
| | | | | notable observations to the refuge office. |
| | | | | motable observations to the refuge office. |

SP

| | SP | S | F | W | CD. | a | T. | TT7 | |
|----------------------------------|----|---|-----|-----|--------------------------------|---|----|-----|--|
| Vireos | DI | D | I | ** | Mimicthrushes | S | F | W | |
| ✓ White-eyed Vireo* | c | c | c | u | C C11: 1 | | 0 | 0 | |
| Blue-headed Vireo | u | | u | u | — Gray Catoird c | 0 | a | c | |
| Yellow-throated Vireo* | u | u | u | 4 | ✓Brown Thrasher* | c | С | c | |
| Philadelphia Vireo | r | | · · | | Drown Thrasher | u | С | u | |
| Red-eyed Vireo* | c | c | c | | Starlings | | | | |
| Black-whiskered Vireo | r | Č | C | | E | | | | |
| | 1 | | | | European Starling*@ 0 | 0 | 0 | 0 | |
| Jays and Crows | | | | | Pipits | | | | |
| /Blue Jay* | u | u | u | u | American Pipit | | 0 | 70 | |
| American Crow | 0 | 0 | u | u | | | 0 | r | |
| Fish Crow* | c | c | c | u | Waxwings | | | | |
| * | | | | | Cedar Waxwing u | | 11 | 11 | |
| Martins and Swallows | | | | | _ | | u | u | |
| Purple Martin* | u | u | 0 | 0 | Warblers | | | | |
| Tree Swallow | a | u | a | a | D1 ' 1777 11 | | 70 | | |
| Northern Rough-winged Swallow* | 0 | 0 | 0 | r | TT 11 | r | r | | |
| Bank Swallow | 0 | 0 | 0 | - | | | u | | |
| Cliff Swallow* | r | r | r | | / NT 11 D 1 11 | | u | u | |
| Cave Swallow | r | 1 | 1 | | | a | a | 0 | |
| ✓ Barn Swallow* | c | c | c | r | | 0 | 0 | | |
| <u>v</u> Barn Swanow | C | C | C | 1 | Chestnut-sided Warbler r | | 0 | | |
| Chickadees and Titmice | | | | | Magnolia Warbler r | r | u | | |
| Carolina Chickadee* | | 0 | | | Cape May Warbler u | | | | |
| Tufted Titmouse* | С | c | С | c | Black-throated Blue Warbler o | | 0 | | |
| V_furted fitmouse. | u | u | u | u | Yellow-rumped Warbler a | | a | a | |
| NI () () | | | | | Black-throated Green Warbler o | | 0 | | |
| Nuthatchers | | | | | Blackburnian Warbler r | | 0 | | |
| ✓ Brown-headed Nuthatch* | u | u | u | u | Yellow-throated Warbler* c | c | u | 0 | |
| | | | | | ✓ Pine Warbler* a | a | a | a | |
| Creepers | | | | | Prairie Warbler u | 0 | u | r | |
| Brown Creeper | | | | r | Palm Warbler u | | u | u | |
| | | | | - | Bay-breasted Warbler r | | u | | |
| Wrens | | | | | Blackpoll Warbler u | | 0 | | |
| Carolina Wren* | c | c | c | c | Black-and-white Warbler u | 0 | u | 0 | |
| House Wren | O | | u | u - | American Redstart o | r | u | | |
| Sedge Wren | u | | u | u | Prothonotary Warbler* u | u | 0 | | |
| Marsh Wren* | u | u | c | c | Worm-eating Warbler o | r | u | | |
| | | | | | Ovenbird o | | u | r | |
| Kinglets and Gnatcatchers | | | | | Northern Waterthrush u | r | u | | |
| Golden-crowned Kinglet | r | | r | r | Louisiana Waterthrush r | r | r | | |
| Ruby-crowned Kinglet | c | | c | c | ∠Common Yellowthroat* c | c | c | c | |
| ✓Blue-gray Gnatcatcher* | c | c | c | u | Hooded Warbler u | u | u | | |
| | | | | | Wilson's Warbler | | r | r | |
| Bluebirds, Thrushers, and Robins | | | | | Yellow-breasted Chat* u | u | r | | |
| Eastern Bluebird* | u | r | u | u | | | | | |
| Veery | u | | u | 1 | Tanagers | | | | |
| Gray-cheeked Thrush | 0 | | u | | ✓ Summer Tanager* c | c | С | | |
| Swainson's Thrush | 0. | | u | | Scarlet Tanager o | | 0 | | |
| Hermit Thrush | 0 | * | u | u | | | | | |
| Wood Thrush | u | r | 0 | | | | | | |
| American Robin | a | | С | a | | | | | |
| - | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | SP | S | F | W | SP S F V | V |
|------------------------------------|----|----|---|--------------|------------------------------------|----|
| Semipalmated Plover | c | u | c | c | <u>✓</u> Mourning Dove* u u c u | |
| Piping Plover | 0 | r | 0 | 0 | Common Ground-Dove* u u u u | |
| Killdeer | u | r | u | u | u u u | A |
| American Oystercatcher* | u | u | u | u | Cuckoos | |
| Black-necked Stilt* | 0 | 0 | 0 | | D1 1 1 11 1 C 1 | |
| American Avocet | 0 | 0 | 0 | 0 | 1 77 11 1 121 1 0 1 1 | |
| Greater Yellowlegs | u | 0 | u | 0 | | |
| Lesser Yellowlegs | u | 0 | u | 0 | Groove-billed Ani | r |
| Solitary Sandpiper | 0 | 0 | 0 | Ü | 0.1. | |
| Willet* | c | c | a | a | 0wls | |
| Spotted Sandpiper | u | u | u | 0 | Barn Owl* r r r | r_ |
| Whimbrel | 0 | 0 | 0 | r | ✓ Eastern Screech-Owl* u u u u | 1 |
| Long-billed Curlew | | U | | | √Great Horned Owl* u u u u | 1 |
| Marbled Godwit | r | 70 | r | r | Barred Owl rrr | r |
| | 0 | r | 0 | r | 5 | |
| Ruddy Turnstone | c | u | c | u | Nightjars | |
| Red Knot | u | u | u | u | Lesser Nighthawk | r |
| Sanderling | С | c | С | c | ∠Common Nighthawk* u u u | |
| Semipalmated Sandpiper | u | 0 | u | | ✓Chuck-will's-widow* c c u | |
| Western Sandpiper | u | 0 | c | 0 | Whip-poor-will o o v | 1 |
| Least Sandpiper | С | c | c | c | | |
| White-rumped Sandpiper | 0 | r | 0 | \mathbf{r} | Swifts and Hummingbirds | |
| Baird's Sandpiper | r | | | | ✓Chimney Swift* u u u | |
| Pectoral Sandpiper | 0 | r | 0 | r | Ruby-throated Hummingbird* u o u | |
| Dunlin | С | r | u | c | | |
| Stilt Sandpiper | 0 | 0 | 0 | r | Kingfishers | |
| Buff-breasted Sandpiper | 0 | r | O | | 75 1. 177. 0.1 | c |
| Short-billed Dowitcher | u | 0 | 0 | u | <u>⊬</u> Belted Kingfisher c u c c | C |
| Wilson's Snipe | 0 | | u | 0 | NAC - du - eleme | |
| American Woodcock | 0 | | 0 | 0 | Woodpeckers | |
| Wilson's Phalarope | r | r | r | | | 0 |
| | | | | | | c |
| Gulls, Terns, and Skimmers | | | | | Yellow-bellied Sapsucker u u u | |
| ∠Laughing Gull | a | a | a | c | <u>√</u> Downy Woodpecker* u u u u | |
| Bonaparte's Gull | u | a | 0 | u | | r |
| Bonapartes Gun Ring-billed Gull | c | 0 | c | c | Red-cockaded Woodpecker + + + + | |
| King-bined Gail Herring Gull | u | 0 | u | u | | u |
| Great Black-backed Gull | r | U | и | r | Pileated Woodpecker* u u u u | u |
| ✓ Gull-billed Tern* | 0 | 0 | 0 | - | | |
| | u | u | u | u | Flycatchers | |
| ∠Caspian Tern* | c | c | c | u | Eastern Wood-Pewee u u u | |
| Royal Tern | | | | | Acadian Flycatcher 0 0 0 | |
| Sandwich Tern | u | C | u | r | Willow Flycatcher r | |
| Common Tern | u | u | u | | Eastern Phoebe u c | c |
| Forster's Tern | c | c | c | c | Vermilion Flycatcher | r |
| ∠Least Tern* | c | c | u | | √Great Crested Flycatcher* c c o | |
| Sooty Tern | | X | X | | | r |
| Black Tern | 0 | u | 0 | | Eastern Kingbird* c c c | |
| ✓Black Skimmer | c | u | С | c | Gray Kingbird r r | |
| | | | | | Scissor-tailed Flycatcher r | |
| Pigeons and Doves | | | | | | |
| Rock Pigeon*@ | r | r | r | r | Shrikes | |
| √Eurasian Collared-Dove*@ | 0 | 0 | 0 | 0 | | r |
| White-winged Dove | r | r | 0 | 0 | | |
| | | | | | | |
| | | | | | | |

| SI | | S | F | W | | SP | S | F | W | |
|--|-----|----------|--------------|------------|--|----|--------------------|--------------|------|--|
| Waterfowl | | ~ | _ | | Great White Heron | 31 | X | I' | VV | |
| Snow Goose | | | u | 0 | <u>√</u> Great Egret* | a | a | a | a | |
| Canada Goose r | | | \mathbf{r} | r | Snowy Egret* | a | a | a | a | |
| √Wood Duck* c | (| c | a | a | Little Blue Heron* | c | c | c | c | |
| Gadwall | | | u | u | Tricolored Heron* | c | c | c | c | |
| American Wigeon u | | | u | u | Reddish Egret | 0 | u | u | 0 | |
| American Black Duck r | | | r | 0 | Cattle Egret* | c | c | c | r | |
| Mallard 0 | | | 0 | u | Green Heron* | c | c | u | u | |
| Mottled Duck | 1 | r | r | r | Black-crowned Night-Heron* | c | u | u | c | |
| Blue-winged Teal c | | u | c | u | Yellow-crowned Night-Heron* | u | u | r | r | |
| Northern Shoveler u | | | u | u | icitow crowned ivigino iteron | и | и | 1 | 1 | |
| Northern Pintail o | | | 0 | 0 | Ibises, Spoonsbills, and Storks | | | | | |
| Green-winged Teal c | | | c | c | White Ibis | | | .,, | | |
| Canvasback 0 | | | 0 | 0 | Glossy Ibis* | u | u | u | .u | |
| Redhead u | | | u | u | Roseate Spoonbill | 0 | 0 | С | 0 | |
| Ring-necked Duck u | | | u | u | Noseate Spoonbin Wood Stork | r | r | r | | |
| Greater Scaup 0 | , | r | 0 | 0 | Wood Stork | u | u | u | 0 | |
| Greater Scaup c | | 0 | c | c | Walterna Harris and All' | | | | | |
| Surf Scoter u | | U | 0 | u | Vultures, Hawks, and Allies | | | | | |
| | | | 0 | u | Black Vulture | 0 | 0 | 0 | 0 | |
| | | | 0 | | √Turkey Vulture | С | c | c | c | |
| | | | | u | _√Osprey* | С | c | u | 0 | |
| | | | С | c | American Swallow-tailed Kite* | u | u | | | |
| | | | u | u | Mississippi Kite | r | r | r | | |
| Hooded Merganser u | | _ | c | c | ∠Bald Eagle* | С | u | C | c | |
| Red-breasted Merganser c | | 0 | c | c | Northern Harrier | u | r | u | u | |
| Ruddy Duck o | | | 0 | 0 | Sharp-shinned Hawk | 0 | r | u | u | |
| | | | | | Cooper's Hawk | 0 | r | u | 0 | |
| Gallinaceous birds (Quails, Turkeys, and Allie | | | | | Red-shouldered Hawk* | c | c | c | c | |
| Wild Turkey* r | | r | \mathbf{r} | r | Broad-winged Hawk | 0 | 0 | u | | |
| Northern Bobwhite* r | | r | \mathbf{r} | r | Red-tailed Hawk* | u | u | c | c | |
| | | | | | Golden Eagle | r | | r | r | |
| Loons | | | | | American Kestrel* | u | | u | u | |
| Red-Throated Loon | | | | r | Merlin | 0 | | 0 | 0 | |
| Common Loon c | | r | u | c | Peregrine Falcon | r | | 0 | 0 | |
| | | | | | Deile Cellineles Control Control | | | | | |
| Grebes | | | | | Rails, Gallinules, Coots and Cranes Yellow Rail | | | | | |
| Pied-billed Grebe* u | | r | 0 | u | | r | | | | |
| Horned Grebe u | | r | 0 | u | Black Rail* | 0 | r | r | 0 | |
| | | | | | ✓Clapper Rail* | c | c | c | c | |
| Gannets, Pelicans, and Allies | | | | | King Rail | u | u | u | u | |
| Brown Booby | | X | | | Virginia Rail | u | | u | u | |
| Northern Gannet u | | r | 0 | u | Sora | c | r | c | c | |
| American White Pelican u | | r | 0 | u | Purple Gallinule* | 0 | u | 0 | r | |
| <u>√</u> Brown Pelican a | | a | a | a | Common Moorhen* | С | a | a | 0 | |
| Double-crested Cormorant a | | c | a | a | American Coot Nest ING TUTS | C | 0 | c | c | |
| <u>√</u> Anhinga* | | c | c | c | Sandhill Crane | r | | 0 | 0 | |
| Magnificent Frigatebird 0 | | 0 | 0 | | | | | | | |
| | | | | | Shorebirds | | | | | |
| Herons, Egrets, and Allies | | | | | Black-bellied Plover | c | u | c | c | |
| American Bittern o | | r | 0 | 0 | American Golden Plover | r | | \mathbf{r} | | |
| Least Bittern* | | c | u | r | Snowy Plover* | u | u | u | u | |
| ✓ Great Blue Heron* c | | c | c | c | Wilson's Plover* | 0 | 0 | O | r | |
| | | | | | | | | | | |
| | 100 | SSORON V | | 1010000000 | | | THE REAL PROPERTY. | | 1000 | |

| | SP | S | F | W | 0:14: 11: |
|---|--------------|--------|--------|-------|--|
| Sparrows | | | | | Sighting Notes |
| ✓ Eastern Towhee* | a | a | a | a | |
| Bachman's Sparrow | u | u | 0 | 0 | Name of Observer: B H Steeman Species: McIdental data with BBS Nto Nerun due to BP Spill 2010, + |
| Chipping Sparrow | u | | u | u | THE PROPERTY OF THE PROPERTY O |
| Field Sparrow | u | | u | u | ~ · · · + · · · · · · · · · · · · · · · |
| Vesper Sparrow | \mathbf{r} | r | | r | Species: Mcidental dake with BBS NE |
| Lark Sparrow | r | | r | r | |
| Savannah Sparrow | u | | u | u | 00x 1 + 00 - 11 2010 + |
| Savaiman SparrowNelson's Sharp-tailed Sparrow | u | | u | u | with the 10 00 Spile 2010, T |
| Saltmarsh Sharp-tailed Sparrow | | | | r | |
| Saidmarsh Sharp-taned Sparrow Seaside Sparrow* | c | u | u | u | Number: |
| | u | и | u | u | * |
| Song Sparrow | | | | c | Location |
| Swamp Sparrow | c | | С | | Location: |
| White-throated Sparrow | u | | u | u | 4 |
| White-crowned Sparrow | 0 | | 0 | 0 | Habitat: |
| Dark-eyed Junco | \mathbf{r} | | 0 | 0 | |
| | | | | | |
| Cardinals and Grosbeaks | | | | | |
| ✓ Northern Cardinal* | c | c | С | c | |
| Rose-breasted Grosbeak | u | | u | | $Distance\ to\ Bird(s):$ |
| Blue Grosbeak | c | u | u | | Distance to pera(s). |
| Indigo Bunting | c | 0 | u | | |
| Painted Bunting | r | | r | | |
| annea Danting | | | _ | | , |
| Blackbirds, Crackles, Cowbirds, adn Or | inles | | | | Data///: Carry A / 2G 2011 |
| | | | 0 | | Date/Fime Seen: 06292011 |
| Bobolink | u | | | 0 | |
| ✓ Red-winged Blackbird* | a | a | a | a | Weather: |
| Eastern Meadowlark | u | 0 | u | u | |
| Common Grackle* | c | c | С | c | |
| ✓ Boat-tailed Grackle* | a | a | a | a | |
| Shiny Cowbird | \mathbf{r} | r | | | |
| ✓ Brown-headed Cowbird* | c | u | u | u | Other Observers: |
| ∠Orchard Oriole* | C | u | 0 | | |
| Baltimore Oriole | \mathbf{r} | | u | | |
| | | | | | |
| Finches | | | | | |
| Pine Siskin | \mathbf{r} | | r | r | Signature: |
| American Goldfinch | 0 | | 0 | 0 | Signature. |
| | | | | | |
| Ethics for Birdwatching | | | | | Address: |
| Take care not to disturb nesting bird | s. expos | sing | eggs | and | |
| young to extreme temperatures and | predati | on. | -00- | | |
| young to extreme temperatures and | product | 0114 | | | |
| Disturb wintering wildlife as little as | noggihl | Ω | | | |
| particularly during critical feeding a | nd rosti | norr | oriod | la | |
| They need all of their energy reserve | na to wit | that | and th | 10. | |
| stresses of harsh weather and migra | tion | 011500 | and or | ic | |
| but codes of marsh weather and migra | 01011. | | | | NOTES: Description of bird, calls, behavior, optical |
| De not littor Monry binds die reben | how ho | anm. | 2 | | equipment, experience, etc. |
| Do not litter! Many birds die when t | neg pe | 1 0+1 | or tre | ach | |
| entangled in fishing lines, six-pack ri | ngs and | ı otr | ier ur | asii, | the appropriate John map and appropriate and |
| or when they mistake garbage for fo | oa. | | | | reporting any rare, accidental, unlisted birds, or other |
| | | | | | notable observations to the refuge office. |
| | | | | | - |

| | SP | S | F | W | | | DI | D | I' | VV | |
|----------------------------------|--------------|-----|----|----|---|--|--------------|---|----|-----|--|
| Vireos | 21 | ~ | _ | | | Mimicthrushes | | | | | |
| ✓ White-eyed Vireo* | c | c | c | u | | Gray Catbird | c | | a | c | |
| Blue-headed Vireo | u | | u | u | | ✓ Northern Mockingbird* | c | c | c | c | |
| Yellow-throated Vireo* | u | u | u | | | Brown Thrasher* | u | u | c | u | |
| | | и | и | | | | Č. | - | | · · | |
| Philadelphia Vireo | r | | | | | Ctarlings | | | | | |
| Red-eyed Vireo* | C | c | С | | | Starlings Starling* | | | | | |
| Black-whiskered Vireo | r | | | | | European Starling*@ | 0 | 0 | 0 | 0 | |
| | | | | | | Dinita | | | | | |
| Jays and Crows | | | | | | Pipits | | | | | |
| <u>√</u> Blue Jay* | u | u | u | u | | American Pipit | | | 0 | r | |
| American Crow | 0 | 0 | u | u | * | | | | | | |
| ✓ Fish Crow* | c | c | c | u | | Waxwings | | | | | |
| | | | | | | Cedar Waxwing | u | | u | u | |
| Martins and Swallows | | | | | | | | | | | |
| ✓Purple Martin* | u | u | 0 | 0 | 5 | Warblers | | | | | |
| Tree Swallow | a | u | a | a | | Blue-winged Warbler | r | r | r | | |
| ✓ Northern Rough-winged Swallow* | 0 | 0 | 0 | r | | Tennessee Warbler | r | | u | | |
| Bank Swallow | 0 | 0 | 0 | | | Orange-crowned Warbler | u | | u | u | |
| Cliff Swallow* | r | r | r | | | ✓ Northern Parula* | | | | | |
| Cave Swallow | r | | | | | Yellow Warbler | a | a | a | 0 | |
| | c | 0 | 0 | r | | | 0 | 0 | 0 | | |
| <u>√</u> Barn Swallow* | C | c | С | 1 | | Chestnut-sided Warbler | r | | 0 | | |
| | | | | | | Magnolia Warbler | \mathbf{r} | r | u | | |
| Chickadees and Titmice | | | | | | Cape May Warbler | u | | | | |
| ✓ Carolina Chickadee* | c | c | С | c | | Black-throated Blue Warbler | 0 | | 0 | | |
| ✓ Tufted Titmouse* | u | u | u | u | | Yellow-rumped Warbler | a | | a | a | |
| | | | | | | Black-throated Green Warbler | 0 | | 0 | | |
| Nuthatchers | | | | | | Blackburnian Warbler | r | | 0 | . 4 | |
| Brown-headed Nuthatch* | u | u | u | u | | Yellow-throated Warbler* | c | c | u | 0 | |
| | | | | | | Pine Warbler* | a | a | a | a | |
| Creepers | | | | | | Prairie Warbler | u | 0 | u | r | |
| Brown Creeper | | | | r | | Palm Warbler | u | U | u | u | |
| Brown Creeper | | | | 1 | | Bay-breasted Warbler | | | | u | |
| | | | | | | Blackpoll Warbler | r | | u | | |
| Wrens | | | | | | Blackpoil warbier Black-and-white Warbler | u | | 0 | | |
| ∠Carolina Wren* | c | c | С | c | | | u | 0 | u | 0 | |
| House Wren | 0 | | u | u | | American Redstart | 0 | r | u | | |
| Sedge Wren | u | | u | u | | Prothonotary Warbler* | u | u | 0 | | |
| Marsh Wren* | u | u | c | c | | Worm-eating Warbler | O | r | u | | |
| | | | | | | Ovenbird | 0 | | u | r | |
| Kinglets and Gnatcatchers | | | | | | Northern Waterthrush | u | r | u | | |
| Golden-crowned Kinglet | \mathbf{r} | | r | r | | Louisiana Waterthrush | \mathbf{r} | r | r | | |
| Ruby-crowned Kinglet | c | | c | c | | ✓ Common Yellowthroat* | c | c | c | c | |
| ✓ Blue-gray Gnatcatcher* | c | c | c | u | | Hooded Warbler | u | u | u | | |
| Dide gray dilateaterier | C | Č | | u | 1 | Wilson's Warbler | | | r | r | |
| Bluebirds, Thrushers, and Robins | | | | | | Yellow-breasted Chat* | u | u | r | | |
| Eastern Bluebird* | 17 | 7.0 | 11 | 77 | | | | | | | |
| | u | r | u | u | | Tanagers | | | | | |
| Veery | u | | u | | | ✓Summer Tanager* | 0 | 0 | 0 | | |
| Gray-cheeked Thrush | O | | u | | | Scarlet Tanager | c | c | c | | |
| Swainson's Thrush | 0. | | u | | | Scarlet ranager | 0 | | 0 | | |
| Hermit Thrush | 0 | , | u | u | | | | | | | |
| Wood Thrush | u | r | 0 | | | | | | | | |
| American Robin | a | | c | a | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| SP | S | F | W | | | Q D | C | T. | 117 | |
|--|----|---|--------|-----|----------------------------|--------------|----|----|-----|--|
| Semipalmated Plover c | u | c | c | | ✓Mourning Dove* | SP u | Su | F | W | |
| Piping Plover o | r | 0 | 0 | | Common Ground-Dove* | u | u | u | u | |
| Killdeer u | r | u | u | | E Common diound Dove | u | и | и | и | |
| ✓American Oystercatcher* u | u | u | u | | Cuckoos | | | | | |
| Black-necked Stilt* o | 0 | 0 | | | Black-billed Cuckoo | r | 10 | 72 | | |
| American Avocet o | 0 | 0 | 0 | | Yellow-billed Cuckoo* | u | r | r | | |
| Greater Yellowlegs u | 0 | u | 0 | | Groove-billed Ani | u | u | u | 7/2 | |
| Lesser Yellowlegs u | 0 | u | 0 | | droove-billed Alli | | | r | r | |
| Solitary Sandpiper o | 0 | 0 | | | 0wls | | | | | |
| Willet* | c | a | a | | Barn Owl* | | | | | |
| ✓ Spotted Sandpiper u | u | u | 0 | | Eastern Screech-Owl* | r | r | r | r | |
| Whimbrel | 0 | 0 | r | C | Great Horned Owl* | u | u | u | u | |
| Long-billed Curlew r | Ü | r | r | | | u | u | u | u | |
| Marbled Godwit 0 | r | 0 | r | 1 | Barred Owl | r | r | r | r | |
| Ruddy Turnstone c | u | c | u | 5 | NY 1-2 | | | | | |
| Red Knot u | u | u | u | | Nightjars | | | | | |
| Sanderling c | c | c | c | | Lesser Nighthawk | | | | r | |
| Sanderinig Semipalmated Sandpiper u | 0 | u | Č | | Common Nighthawk* | u | u | u | | |
| Sempannated Sandpiper u | 0 | c | 0 | | ∠Chuck-will's-widow* | С | С | u | | |
| Least Sandpiper c | c | c | c | | Whip-poor-will | O | | 0 | u | |
| White-rumped Sandpiper 0 | r | 0 | r | | | | | | | |
| Baird's Sandpiper r | 1 | U | - " | | Swifts and Hummingbirds | | | | | |
| Barrd's Sandpiper 0 | r | 0 | r | | ∠Chimney Swift* | u | u | u | | |
| Dunlin c | r | u | c | , | Ruby-throated Hummingbird* | u | 0 | u | | |
| Bullin C Stilt Sandpiper 0 | 0 | 0 | r | | | | | | | |
| | r | 0 | 1 | | Kingfishers | | | | | |
| Buff-breasted Sandpiper 0 | 0 | 0 | u | | ∠Belted Kingfisher | c | u | c | c | |
| Short-billed Dowitcher u | U | u | 0 | | | | | | | |
| Wilson's Snipe 0 | | 0 | 0 | | Woodpeckers | | | | | |
| American Woodcock 0 | 70 | r | U | | ✓_Red-headed Woodpecker* | 0 | 0 | 0 | 0 | |
| Wilson's Phalarope r | r | 1 | | | ✓ Red-bellied Woodpecker* | c | c | c | c | |
| 0 II T I Sl.: | | | | | Yellow-bellied Sapsucker | u | | u | u | |
| Gulls, Terns, and Skimmers | | | | | ✓ Downy Woodpecker* | u | u | u | u | |
| ✓ Laughing Gull a | a | a | c | | Hairy Woodpecker | r | r | r | r | |
| Bonaparte's Gull u | | 0 | u | | Red-cockaded Woodpecker | + | + | + | + | |
| Ring-billed Gull c | 0 | c | c | | ✓ Northern Flicker | u | 0 | u | u | |
| Herring Gull u | 0 | u | u | | Pileated Woodpecker* | u | u | u | u | |
| Great Black-backed Gull r | 0 | 0 | r | | | | | | | |
| Gull-billed Tern* 0 | 0 | 0 | 11 | | Flycatchers | | | | | |
| Caspian Tern* u | u | u | u | | Eastern Wood-Pewee | u | u | u | | |
| Z Royal Tern c | c | c | u r | . (| Acadian Flycatcher | O | 0 | 0 | | |
| Sandwich Tern u | c | u | | , , | Willow Flycatcher | \mathbf{r} | | | | |
| Common Tern u | u | u | r | 1 | Eastern Phoebe | u | | c | c | |
| Forster's Tern c | c | c | c | 2 | Vermilion Flycatcher | | | | r | |
| ∠Least Tern* c | C | u | | | ✓Great Crested Flycatcher* | c | c | 0 | | |
| Sooty Tern | X | X | | | Western Kingbird | \mathbf{r} | r | r | r | |
| Black Tern 0 | u | 0 | 0 | | ✓Eastern Kingbird* | c | c | c | | |
| <u>✓</u> Black Skimmer c | u | С | c | | Gray Kingbird | r | r | r | | |
| | | | | | Scissor-tailed Flycatcher | | | r | | |
| Pigeons and Doves | | | | | | | | | | |
| Rock Pigeon*@ r | r | r | r | | Shrikes | | | | | |
| Eurasian Collared-Dove*@ 0 | 0 | 0 | 0 | | Loggerhead Shrike | \mathbf{r} | r | r | r | |
| White-winged Dove r | r | 0 | 0 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| 1 | SP | S | F | W | SP | S = I | ן ד | W |
|-----|--|----------|--------------|---|-------------------------------------|--------|-----|---|
| | Waterfowl | ~ | | | C ITTL I IT | X | | |
| | Snow Goose | | u | 0 | | a a | ı | a |
| | Canada Goose r | | \mathbf{r} | r | | a a | | a |
| | Wood Duck* | c | a | a | (TIME DI TI # | e e | | c |
| | Gadwall | | u | u | TT 1 1 1 TT di | e (| | c |
| | American Wigeon u | | u | u | TD 11:1 D | u i | | 0 |
| | American Black Duck | | r | 0 | | c c | | r |
| | Mallard | | 0 | u | / 0 11 4 | c 1 | | u |
| | Mottled Duck | r | r | r | D1 1 1 1 1 1 1 1 1 1 | u i | | c |
| | Blue-winged Teal c | u | c | u | 77 11 1 277 1 77 % | u i | | r |
| | Northern Shoveler u | | u | u | | | | |
| | Northern Pintail 0 | | 0 | 0 | Ibises, Spoonsbills, and Storks | | | |
| | Green-winged Teal c | | c | c | / TTT :: T1 : | u ı | , | u |
| | Canvasback 0 | | 0 | 0 | | 0 (| | 0 |
| | Redhead | | u | u | 7 7 7 1 111 | r i | | U |
| | Ring-necked Duck u | | u | u | 777 1 01 1 | u | | 0 |
| | ring-necked buck | r | 0 | 0 | Wood Stork u | u | 1 | 0 |
| | Lesser Scaup c | 0 | c | c | Vultures, Hawks, and Allies | | | |
| | Surf Scoter u | U | 0 | u | | | | |
| | | | 0 | u | | 0 (| | 0 |
| | White-winged Scoter u Black Scoter u | | 0 | u | | e (| | c |
| | | | c | c | | | 1 | 0 |
| | Buillelleda | | | u | | u | | |
| | Common Goldeneye u | | u | c | | r | | |
| | Hooded Merganser u | 0 | С | c | | | | c |
| | Red-breasted Merganser c | 0 | c 0 | | | r | | u |
| | Ruddy Duck o | | U | 0 | | r | | u |
| | IAU:\ | | | | | r | | 0 |
| | Gallinaceous birds (Quails, Turkeys, and Allies) | | - | | | | | C |
| | Wild Turkey* r | r | r | r | | | 1 | |
| | Northern Bobwhite* r | r | r | r | | | | c |
| | | | | | Golden Eagle r |] | | r |
| | Loons | | | | American Kestrel* u | 1 | | u |
| | Red-Throated Loon | | | r | Merlin o | | | 0 |
| | Common Loon c | r | u | c | Peregrine Falcon r | |) | 0 |
| | | | | | | | | |
| | Grebes | | | | Rails, Gallinules, Coots and Cranes | | | |
| | Pied-billed Grebe* u | r | 0 | u | Yellow Rail r | | | |
| | Horned Grebe u | r | О | u | | r | | 0 |
| | | | | | | 200000 | 3 | c |
| | Gannets, Pelicans, and Allies | | | | | | | u |
| | Brown Booby | X | | | Virginia Rail u | • | 1 | u |
| | Northern Gannet u | r | 0 | u | | r | 3 | c |
| | American White Pelican u | r | 0 | u | | u |) | r |
| | ✓ Brown Pelican a | a | a | a | | a | a | 0 |
| | Double-crested Cormorant a | c | a | a | | 0 | 3 | c |
| | ✓ Anhinga* c | c | c | c | Sandhill Crane r | | 0 | 0 |
| 2.3 | Magnificent Frigatebird 0 | 0 | 0 | | | | | |
| | _ 0 | | | | Shorebirds | | | |
| | Herons, Egrets, and Allies | | | | | u | C | c |
| | American Bittern 0 | r | 0 | 0 | American Golden Plover r | | r | |
| | ✓ Least Bittern* | c | u | r | | u | u | u |
| | Great Blue Heron* | c | c | c | | 0 | 0 | r |
| | V GIOW DIAC HOLON | | | | | | | |
| | | | | | | | | |
| | | 20000000 | No. | 100000000000000000000000000000000000000 | | | | |

| SP | S | F | W | | Sighting Notes |
|--|--------|---------|------|----|--|
| Sparrows | | -0 | a | | Signaing Notes |
| Eastern Towhee* a | a u | a o | 0 | | Name of Observer: BH Stedman |
| Bachman's Sparrow u | и | u | u | | Name of Observer. 19 17 360 11 000 |
| Chipping Sparrow | | u | u | | 1 1 1 1 1 1 |
| Field Sparrow | r | | r | | Species: incidental while doing |
| vesper sparrow | • | r | r | | |
| Lark Sparrow | | u | u | | ROLL A RECUERT PROPERTY |
| Savannah Sparrow u Nelson's Sharp-tailed Sparrow u | | u | u | | pure (a) DIS OUS VECTOR |
| Saltmarsh Sharp-tailed Sparrow | | | r | | 1 of BP Buy of Makico Silspill |
| Saturarsh Sharp-taned Sparrow V Seaside Sparrow* c | u | u | u | | Number: 0 0 |
| Song Sparrow u | | u | u | | |
| Song Sparrow c | | С | c | | Location: |
| White-throated Sparrow u | | u | u | | |
| White-crowned Sparrow 0 | | 0 | 0 | | Habitat: |
| Dark-eyed Junco | | 0 | 0 | | 11000000. |
| Dark-cycu sunce | | | | | |
| Cardinals and Grosbeaks | | _ | | | |
| ✓ Northern Cardinal* c | c | С | c | | |
| Rose-breasted Grosbeak u | | u | | | $Distance\ to\ Bird(s)$: |
| ✓ Blue Grosbeak c | u | u | | | |
| Indigo Bunting c | 0 | u | | | |
| Painted Bunting r | | r | | | , |
| Blackbirds, Crackles, Cowbirds, adn Orioles | | | | | Weather: Nain & wind Nite B-4 |
| Bobolink u | | 0 | | | Batter 1 time Section 4/28/2011 |
| ✓ Red-winged Blackbird* | a | a | a | | |
| Eastern Meadowlark u | 0 | u | u | | Weather: Nam & wind Nile B-4 |
| ✓ Common Grackle* | c | c | c | | |
| ✓ Boat-tailed Grackle* a | a | a | a | L | |
| Shiny Cowbird r | r | | | | |
| Brown-headed Cowbird* c | u | u | u | 1 | Other Observers: |
| Orchard Oriole* | u | 0 | | | Omer Observers. |
| Baltimore Oriole r | | u | | | |
| | | | | | |
| Finches | | r | r | • | |
| Pine Siskin r | | 0 | | | Signature: |
| American Goldfinch 0 | | U | | | |
| Ethics for Birdwatching | | | | | Address: |
| Take care not to disturb nesting birds, expo | sing | geggs | san | d | |
| young to extreme temperatures and predat | ion. | | | | |
| | 10 | | | | |
| Disturb wintering wildlife as little as possib | ing, | nerio | ds | | |
| particularly during critical feeding and rest They need all of their energy reserves to w | ithst | tand t | the | | |
| stresses of harsh weather and migration. | 10110 | ourra . | | | NOTES Description of hind sells help in the |
| DIT CONCO OF HATOH WOUNTED WITH MASS AND THE | | | | | NOTES: Description of bird, calls, behavior, optical equipment, experience, etc. |
| Do not litter! Many birds die when they be | ecom | ne | | | equipment, experience, etc. |
| entangled in fishing lines, six-pack rings an | id ot | her to | rash | 1, | We appreciate your help in updating our records by |
| or when they mistake garbage for food. | | | | | reporting any rare, accidental, unlisted birds, or other |
| | | | | | notable observations to the refuge office. |
| | | | | | to the rotage office. |
| | | | | | |

| | SP | S | F | W | SP | S | F | W | |
|---|--------------|---|-----|---|---------------------------------|---|---|---|--|
| Vireos | | | | | Mimicthrushes | | | | |
| ∠White-eyed Vireo* | c | c | c | u | Gray Catbird c | | a | c | |
| Blue-headed Vireo | u | | u | u | /Northern Mockingbird* c | c | c | c | |
| Yellow-throated Vireo* | u | u | u | | /Brown Thrasher* u | u | c | u | |
| Philadelphia Vireo | r | | | | | | | | |
| Red-eyed Vireo* | C | c | c | | Starlings | | | | |
| Black-whiskered Vireo | \mathbf{r} | | | | European Starling*@ o | 0 | 0 | 0 | |
| _ | | | | | | | | | |
| Jays and Crows | | | | | Pipits | | | | |
| ✓ Blue Jay* | u | u | u | u | American Pipit | | 0 | r | |
| American Crow | 0 | 0 | u | u | | | | | |
| √ Fish Crow* | c | c | c | u | Waxwings | | | | |
| | | | | | Cedar Waxwing u | | u | u | |
| Martins and Swallows | | | | | | | | | |
| √Purple Martin* | u | u | 0 | 0 | Warblers | | | | |
| Tree Swallow | a | u | a | a | Blue-winged Warbler r | r | r | | |
| Northern Rough-winged Swallow | * 0 | 0 | 0 | r | Tennessee Warbler r | | u | | |
| Bank Swallow | 0 | 0 | 0 | | Orange-crowned Warbler u | | u | u | |
| Cliff Swallow* | \mathbf{r} | r | r | | ✓ Northern Parula* a | a | a | 0 | |
| Cave Swallow | \mathbf{r} | | | | Yellow Warbler o | 0 | 0 | | |
| ✓Barn Swallow* | c | c | c | r | — Chestnut-sided Warbler r | | 0 | | |
| <u>v</u> Built Swalls w | | | | | Magnolia Warbler r | r | u | | |
| Chickadees and Titmice | | | | | Cape May Warbler u | | | | |
| ✓ Carolina Chickadee* | c | c | С | c | Black-throated Blue Warbler o | | 0 | | |
| Tufted Titmouse* | u | u | u | u | Yellow-rumped Warbler a | | a | a | |
| V Turted Thinbuse | | | | | Black-throated Green Warbler o | | 0 | | |
| Nuthatchers | | | | | Blackburnian Warbler r | | 0 | | |
| Brown-headed Nuthatch* | u | u | u | u | ✓ Yellow-throated Warbler* c | c | u | 0 | |
| V Brown-neaded rudilaten | | | | | ✓Pine Warbler* | a | a | a | |
| Crooners | | | | | Prairie Warbler u | 0 | u | r | |
| Creepers Brown Creeper | | | | r | Palm Warbler u | | u | u | |
| Brown Creeper | | | | | Bay-breasted Warbler r | | u | | |
| Misses | | | | | Blackpoll Warbler u | | 0 | | |
| Wrens Carolina Wren* | С | c | c | c | Black-and-white Warbler u | 0 | u | 0 | |
| | 0 | Č | u | u | American Redstart o | r | u | | |
| House Wren | u | | u | u | Prothonotary Warbler* u | u | О | | |
| Sedge Wren Marsh Wren* | u | u | c | c | Worm-eating Warbler o | r | u | | |
| Warsh witen | Ct. | | | | Ovenbird 0 | | u | r | |
| Kinglets and Gnatcatchers | | | | | Northern Waterthrush u | r | u | | |
| Golden-crowned Kinglet | r | | r | r | Louisiana Waterthrush r | r | r | | |
| Ruby-crowned Kinglet | c | | c | c | <u>√</u> Common Yellowthroat* c | c | С | c | |
| Kuby-crowned Kinglet Blue-gray Gnatcatcher* | c | c | c | u | Hooded Warbler u | u | u | | |
| V Blue-gray Ghatcatcher | | | | | Wilson's Warbler | | r | r | |
| Directinde Thrushore and Robins | | | | | Yellow-breasted Chat* u | u | r | | |
| Bluebirds, Thrushers, and Robins √ Eastern Bluebird* | u | r | u | u | | | | | |
| | u | - | u | - | Tanagers | | | | |
| Veery Gray-cheeked Thrush | 0 | | u | | ✓ Summer Tanager* c | c | c | | |
| Swainson's Thrush | 0 | | · u | | Scarlet Tanager 0 | | 0 | | |
| Hermit Thrush | 0 | | ` u | u | | | | | |
| Wood Thrush | u | r | 0 | | | | | | |
| American Robin | a | | c | a | | | | | |
| American Room | W | | | | | | | | |
| | | | | £ | | | | | |
| | | | | | | | | | |

| | SP | S | F | W | an a n | 117 |
|--|----|-----|---|----|--|-----------|
| Semipalmated Plover | c | u | c | c | / Marrana a Dana * | W |
| Piping Plover | 0 | r | 0 | 0 | / Common Common 1 D * | u |
| Killdeer | u | r | u | u | V Common Ground-Dove* u u u | u |
| American Oystercatcher* | u | u | u | u | Cuckoos | |
| Black-necked Stilt* | 0 | 0 | 0 | | Dlasla hillad Carl | |
| American Avocet | 0 | 0 | 0 | 0 | X-11 1 1 C 1 * | |
| Greater Yellowlegs | u | 0 | u | 0 | Cracerro billed Ani | |
| Lesser Yellowlegs | u | 0 | u | 0 | Groove-billed Ani | r |
| Solitary Sandpiper | 0 | 0 | 0 | | 0wls | |
| Willet* | c | c | a | a | D O1* | |
| Spotted Sandpiper | u | u | u | 0 | Easton Consol O. 1* | r |
| Whimbrel | 0 | 0 | 0 | r | Cuart II | u |
| Long-billed Curlew | r | | r | r | D10-1 | u |
| Marbled Godwit | 0 | r | 0 | r | Barred Owl r r | r |
| Ruddy Turnstone | c | u | c | u | · | |
| Red Knot | u | u | u | u | Nightjars | |
| Sanderling | c | c | c | c | Lesser Nighthawk | r |
| Semipalmated Sandpiper | u | 0 | u | C | Common Nighthawk* u u u | |
| Western Sandpiper | u | 0 | c | 0 | ∠Chuck-will's-widow* c c u | |
| Least Sandpiper | c | c | c | c | Whip-poor-will 0 0 | u |
| White-rumped Sandpiper | | r | | | | |
| Baird's Sandpiper | 0 | 1 | 0 | r | Swifts and Hummingbirds | |
| Pectoral Sandpiper | r | 7/9 | 0 | 70 | ✓ Chimney Swift* u u u | |
| Dunlin | 0 | r | 0 | r | Ruby-throated Hummingbird* u o u | |
| Builin Stilt Sandpiper | c | r | u | c | | |
| Stirt Sandpiper Buff-breasted Sandpiper | 0 | 0 | 0 | r | Kingfishers | |
| Short-billed Dowitcher | 0 | r | 0 | | Dolt ad Wing Fight | c |
| | u | 0 | 0 | u | <u> </u> | |
| Wilson's Snipe American Woodcock | 0 | | u | 0 | Woodpeckers | |
| | 0 | | 0 | 0 | Dod hooded Weednesters* | 0 |
| Wilson's Phalarope | r | r | r | | D = 1 1 - 11: - 1 777 - 1 1 4 | o c |
| Culla Taura and Chimmon | | | | | Vollary hallind Consultan | |
| Gulls, Terns, and Skimmers | | | | | Daymay Woodneed and | u u |
| ✓ Laughing Gull | a | a | a | c | II a in a Mara da a da a da a da a da a da a da | $^{ m u}$ |
| Bonaparte's Gull | u | | 0 | u | Red-cockaded Woodpecker + + + + | |
| Ring-billed Gull | c | 0 | C | c | / North over Elisters | |
| Herring Gull | u | 0 | u | u | /Dilastad W da - d | u u |
| Great Black-backed Gull | r | | | r | 12 Induced Woodpecker | u |
| Gull-billed Tern* | 0 | 0 | 0 | | Flycatchers | |
| Caspian Tern* | u | u | u | u | Frankers W. al D | |
| ∠Royal Tern | c | c | c | u | Andian Elmotal | |
| Sandwich Tern | u | c | u | r | 3 TY7'11 T31 / 1 | |
| Common Tern | u | u | u | r | Di i | |
| Forster's Tern | c | c | c | c | Voyagilian Elmotal an | c |
| | c | c | u | | Const Constal Elect 1 * | r |
| Sooty Tern | | X | X | | TT7 T7: 1: 1 | |
| Black Tern | O | u | 0 | | To at any Vin all in 1* | r |
| <u></u> ∠Black Skimmer | c | u | c | c | Construction 1 | |
| | | | | | Coisson to it al Element | |
| Pigeons and Doves | | | | | Scissor-tailed Flycatcher r | |
| Rock Pigeon*@ | r | r | r | r | Shrikes | |
| Eurasian Collared-Dove*@ | 0 | 0 | O | 0 | I a seconda a di Clarita | |
| White-winged Dove | r | r | 0 | 0 | Loggerhead Shrike r r r | r |
| | | | | | | |
| | | | | | | |

| Samustan | \overline{W} |
|--|----------------|
| Snow Goose | VV |
| Canada Goose | 0 |
| Wood Duck* | a |
| Gadwall | |
| American Wigeon American Black Duck Trr o Cattle Egret* Cattle | c |
| Mallard | c |
| Mallard | 0 |
| Mottled Duck | r |
| Blue-winged Teal 3 | u |
| Northern Snoveler Northern Pintail O Green-winged Teal C Canvasback O Redhead U Ring-necked Duck U Ring-necked Duck U Red-bracked Scoter Black Scoter Bufflehead C Common Goldeneye U Hooded Merganser Red-brasted Merganser Red-brasted Merganser Red-brasted Merganser Red-brasted Loon Red-Throated Loon Red-Throated Loon Red-Throated Loon Common Loon C Grebes Pied-billed Grebe* U Horned Grebe Brown Booby Northern Gannet Double-crested Cormorant Red-Drox Pelican Red-Drox Perican Red-Incompany Red-Incompany Red-Drox Perican Red-Incompany Red-Drox Perican Red-Incompany Red-Red-Incompany Red-Red-Red-Red-Red-Red-Red-Red-Red-Red- | c |
| Northern Pintall | r |
| Green-winged Teal | |
| Canvasback | |
| Redhead u u u u Wood Stork \(\frac{1}{2} \) Wood Stork \(\frac{1}{2} \) U u U U U U U U U U U U U U U U U U U | .u |
| Ring-necked Duck | 0 |
| Greater Scaup | |
| Lesser Scaup Surf Scoter Surf Surf Surf Surf Surf Surf Surf Surf | 0 |
| Surf Scoter White-winged Scoter White-winged Scoter Black Scoter U White-winged Scoter U Black Scoter U White-winged Scoter U Black Scoter U White-winged Scoter U White-winged Scoter U Black Scoter U White-winged Scoter U Whi | |
| White-winged Scoter | |
| Black Scoter Bufflehead C Common Goldeneye U W Wosprey* C American Swallow-tailed Kite* U Wississippi Kite C Common Goldeneye Wississippi Kite C W | 0 |
| Bufflehead | c |
| Common Goldeneye Hooded Merganser Red-breasted Merganser Ruddy Duck O Sharp-shinned Hawk Cooper's Hawk Red-shouldered Hawk* | 0 |
| Hooded Merganser u c c c Bald Eagle* c u c Bald Eagle* c u r c Sharp-shinned Hawk o r c c c Sharp-shinned Hawk o o r c coper's Hawk o r c c c c Sharp-shinned Hawk o o r c c c c Sharp-shinned Hawk o o r c c c c shouldered Hawk o o r c c c c c c shouldered Hawk o o o c c c c c c c c c c shouldered Hawk o o r c c c c c c c c c c c c c shouldered Hawk o o r c c c c c c c c c c c c c c c c c | |
| Red-breasted Merganser | |
| Ruddy Duck Gallinaceous birds (Quails, Turkeys, and Allies) Wild Turkey* Northern Bobwhite* Red-Throated Loon Red-Throated Loon Common Loon Grebes Pied-billed Grebe* Horned Grebe Pied-billed Grebe* Brown Booby Northern Gannet Brown Booby Northern Gannet Brown Booby Northern Gannet American White Pelican American White Pelican Double-crested Cormorant a a a a a a Common Moorhen* Magnificent Frigatebird Sharp-shinned Hawk Cooper's Hawk Red-shouldered Hawk* Red-shouldered Hawk* Red-shouldered Hawk* Red-shouldered Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed Hawk* Red-tailed | c |
| Gallinaceous birds (Quails, Turkeys, and Allies) _Wild Turkey* | u |
| Gallinaceous birds (Quails, Turkeys, and Allies) _Wild Turkey* | u |
| Wild Turkey* | 0 |
| Northern Bobwhite* r r r r | c |
| Golden Eagle | |
| Loons Red-Throated LoonCommon Loon C r u cMerlin | c |
| Red-Throated LoonCommon Loon c r u c Peregrine Falcon GrebesPied-billed Grebe* u r o uYellow Rail rYellow Rail rYellow Rail* o rYellow Rail* c c c c Gannets, Pelicans, and AlliesBrown Booby xXNorthern Gannet u r o uYouYour BoobyXYirginia Rail u uYour Brown Pelican u r o uYellow Rail u u uYour Brown Pelican u r o uYour Brown Pelican u r o uYour Brown Pelican u r o uYour Brown Moorhen* c a a aYour Brown Moorhen* c aYour Brown Moor | r |
| Grebes Rails, Gallinules, Coots and Cranes Pied-billed Grebe* u r o u Yellow Rail r yellow Rail* Horned Grebe u r o u Black Rail* o r r yellow Rail Gannets, Pelicans, and Allies King Rail u u u yellow Rail Brown Booby x yellow Rail u u u yellow Rail Vellapper Rail* c c c c c c c c c c c c c c c c c c c | u |
| Grebes _ Pied-billed Grebe* | 0 |
| Pied-billed Grebe* u r o uYellow Rail rYellow Rail r _ | 0 |
| Pied-billed Grebe* u r o uYellow Rail rYellow Rail r _ | |
| | |
| Gannets, Pelicans, and Allies Brown BoobyNorthern GannetAmerican White PelicanDouble-crested CormorantDouble-crested CormorantMagnificent FrigatebirdMagnificent GannetClapper Rail*King RailVirginia RailVir | |
| Gannets, Pelicans, and Allies _Brown Booby _Northern Gannet _Northern Gan | 0 |
| Brown Booby | c |
| | u |
| American White Pelican u r o u $\sqrt{\text{Purple Gallinule}^*}$ o u $\sqrt{\text{Brown Pelican}}$ a a a a $\sqrt{\text{Common Moorhen}^*}$ c a a Double-crested Cormorant a c a a $\sqrt{\text{American Coot}}$ c o $\sqrt{\text{Anhinga}^*}$ c c c c c $\sqrt{\text{Sandhill Crane}}$ r $\sqrt{\text{Magnificent Frigatebird}}$ | u |
| ✓ Brown Pelican a | c |
| Double-crested Cormorant a c a aVAmerican Coot c o cYAnhinga* c c c c cSandhill Crane r | r |
| ✓Anhinga* c c c c —Sandhill Crane r days and single control of the control of th | 0 |
| Magnificent Frigatebird 0 0 0 | c |
| | О |
| Snorediras | |
| D1 1 1 10 1 D1 | |
| Herons, Egrets, and Allies Black-bellied Plover c u c | c |
| American Bittern | |
| | u |
| Great Blue Heron* c c c cWilson's Plover* 0 0 | r |
| * came to c as in May | |

| S | P | S | F | W | Cinking Notes |
|--|-------|------|--------|--|--|
| Sparrows | | | | | Sighting Notes |
| Eastern Towhee* | a | a | a | a | |
| <u> </u> | u | u | 0 | 0 | Name of Observer: BH SteCMAN |
| | u | | u | u | Y . |
| | u | | u | u | Species: |
| | r | r | | r | Species. |
| | r | | r | r | |
| | u | | u | u | |
| | u | | u | u | |
| Saltmarsh Sharp-tailed Sparrow | | | | r | Number: |
| | С | u | u | u | 1 timoer. |
| — 61 | u | | u | u | |
| 1 1 | c | | c | c | Location: |
| | u | | u | u | 6 |
| White-crowned Sparrow | 0 | | 0 | 0 | Habitat: |
| Dark-eyed Junco | r | | 0 | 0 | Haoua. |
| | | | | | |
| Cardinals and Grosbeaks | | | | | |
| AT 11 G 1: 1* | c | c | c | c | 6 |
| | u | | u | | Protoco to Divide |
| 1/ D1 G 1 1 | c | u | u | | Distance to Bird(s): |
| 7 I II D II | c | 0 | u | | TO TAL OF binds seed of ulabor |
| / D : 1 1 D :: | r | U | r | | of CTU FOLANGE ON USENSON ON THE |
| · I amove Building | 1 | | 1 | | TO TAL OF binds SEEN at 14 Mile |
| Blackbirds, Crackles, Cowbirds, adn Orioles | | | | | |
| / D - l - 1: l | | | 0 | | Date/Time Seen: May 9-16 2011 |
| TD 1 . 1D1 11. 14 | u | | 0 | | O |
| T / 3/ 1 1 1 | a | a | a | a | Weather: |
| 70 0 11 4 | u | 0 | u | u | |
| D + + 1 1 C 11 * | c | c | С | c | |
| | a | a | a | a | and the Constitution of th |
| | r | r | | | |
| | С | u | u | u | Othe |
| | С | u | 0 | | |
| ✓Baltimore Oriole | r | | u | | |
| | | | | | |
| Finches | | | | | |
| | r | | r | r | Sign |
| American Goldfinch | 0 | | 0 | 0 | |
| | | | | | * Addr |
| Ethics for Birdwatching | | | | | Addi |
| Take care not to disturb nesting birds, ex | | | eggs a | and | a au los |
| young to extreme temperatures and pred | atior | 1. | | | · Copy for _ |
| | | | | | |
| Disturb wintering wildlife as little as poss | | | | | |
| particularly during critical feeding and re | sting | g pe | eriods | 5. | Sholley |
| They need all of their energy reserves to | with | sta | nd the | е | A |
| stresses of harsh weather and migration. | | | | | NOT |
| T 114 176 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | equir |
| Do not litter! Many birds die when they l | | | | | |
| entangled in fishing lines, six-pack rings a | and c | othe | er tra | sh, | We appreciate your help in updating our records by |
| or when they mistake garbage for food. | | | | | reporting any rare, accidental, unlisted birds, or other |
| | | | | notable observations to the refuge office. | |

| Vinne | SP | S | F | W | Mimicthrushes SP S | F | W |
|----------------------------------|--------------|----|--------|----|---|--------------|---|
| Vireos | | | | | G G 11: 1 | | |
| White-eyed Vireo* | c | c | С | u | ./ 77 /1 7/ 1: 1: 1% | a | C |
| Blue-headed Vireo | u | | u | u | (D. (D) 1 * | С | c |
| Vellow-throated Vireo* | u | u | u | | <u>V</u> Brown Thrasher* u u | С | u |
| Philadelphia Vireo | r | | | | 0. 1. | | |
| ✓ Red-eyed Vireo* | C | c | c | | Starlings | | |
| Black-whiskered Vireo | r | | | | <u>√</u> European Starling*@ 0 0 | 0 | 0 |
| Jays and Crows | | | | | Pipits | | |
| √ Blue Jay* | 11 | 11 | - 11 | 11 | American Pipit | 0 | |
| American Crow | u | u | u | u | ninerican ripit | О | r |
| ✓ Fish Crow* | 0 | 0 | u | u | Wayning | | |
| VI ISH CIOW | C | c | С | u | Waxwings | | |
| Martina and Constitution | | | | - | Cedar Waxwing u | u | u |
| Martins and Swallows | | | | | * | | |
| V_Purple Martin* | u | u | 0 | 0 | Warblers | | |
| Tree Swallow | a | u | a | a | Blue-winged Warbler r r | r | |
| ✓ Northern Rough-winged Swallow* | O | 0 | 0 | r | ✓Tennessee Warbler r | u | |
| Bank Swallow | O | 0 | 0 | | Orange-crowned Warbler u | u | u |
| Cliff Swallow* | \mathbf{r} | r | r | | <u>✓</u> Northern Parula* a a | a | 0 |
| Cave Swallow | \mathbf{r} | | | | Yellow Warbler o o | 0 | |
| <u>√</u> Barn Swallow* | c | c | c | r | Chestnut-sided Warbler r | 0 | |
| | | | | | ✓Magnolia Warbler r r | u | |
| Chickadees and Titmice | | | | | Cape May Warbler u | и | |
| Carolina Chickadee* | С | c | c | c | Black-throated Blue Warbler | o | |
| Tufted Titmouse* | u | u | u | u | 37 11 1 337 1 1 | | |
| Turred Turredse | и | и | и | и | D1 1 /1 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / | a | a |
| Nuthatchers | | | | | D111 ' W 11 | 0 | |
| Brown-headed Nuthatch* | | | | | 4 37-11 41 4 1 337 1 1 4 | 0 | |
| V_Brown-neaded Nuthaten | u | u | u | u | 4T) | u | 0 |
| | | | | | ✓Pine Warbler* a a | a | a |
| Creepers | | | | | Prairie Warbler u o | u | r |
| Brown Creeper | | | | r | Palm Warbler u | u | u |
| | | | - 5 te | | Bay-breasted Warbler r | u | |
| Wrens | | | | | ✓Blackpoll Warbler u | O | |
| ✓ Carolina Wren* | c | c | c | c | Black-and-white Warbler u o | u | 0 |
| House Wren | O | | u | u | <u>✓</u> American Redstart o r | u | |
| Sedge Wren | u | | u | u | Prothonotary Warbler* u u | O | |
| Marsh Wren* | u | u | c | c | Worm-eating Warbler o r | u | |
| , | | | | | Ovenbird o | u | r |
| Kinglets and Gnatcatchers | | | | | Northern Waterthrush u r | u | |
| Golden-crowned Kinglet | \mathbf{r} | | r | r | Louisiana Waterthrush r r | \mathbf{r} | |
| Ruby-crowned Kinglet | c | | c | c | √.Common Yellowthroat* c c | c | c |
| Blue-gray Gnatcatcher* | c | c | c | | <u>√</u> Hooded Warbler u u | u | |
| K Dide gray dilateateller | C | C | C | u | Wilson's Warbler | r | r |
| Bļuebirds, Thrushers, and Robins | | | | | <u>✓</u> Yellow-breasted Chat* u u | r | |
| | | | | | | Î | |
| V_Eastern Bluebird* | u | r | u | u | Tanagers | | |
| Veery | u | | u | | 1/C # | 0 | |
| Gray-cheeked Thrush | 0 | | u | | C 1.4 m | c | |
| Swainson's Thrush | O | | u | | Scarlet Tanager 0 | 0 | |
| Hermit Thrush | 0 | | u | u | | | |
| Wood Thrush | u | r | 0 | | | | |
| American Robin | a | | c | a | | | |
| | | | | | | | |
| | | | | | | | |

| | SP | S | F | W | | ~ ~ | ~ | | |
|--------------------------------------|--------------|---|----|---------------------|-----------------------------|--------------|-------|--------------|-----|
| ✓ Semipalmated Plover | C | u | c | c | ✓Mourning Dove* | SP | S | F | W |
| Piping Plover | 0 | r | 0 | 0 | Common Ground-Dove* | u | u | c | u |
| Killdeer | u | r | u | u | Common Ground-Dove" | u | u | u | u |
| American Oystercatcher* | u | u | u | u | Continue | | | | |
| Black-necked Stilt* | 0 | 0 | 0 | u | Cuckoos | | | | |
| American Avocet | 0 | 0 | 0 | 0 | Black-billed Cuckoo | \mathbf{r} | r | r | |
| Greater Yellowlegs | | 0 | | | ✓ Yellow-billed Cuckoo* | u | u | u | |
| Lesser Yellowlegs | u | 0 | u | 0 | Groove-billed Ani | | | r | r |
| Solitary Sandpiper | u | | u | 0 | | | 1 - 5 | | A |
| ✓ Willet* | 0 | 0 | 0 | | 0wls | | | | |
| Spotted Sandpiper | c | c | a | a | Barn Owl* | \mathbf{r} | r | \mathbf{r} | r |
| <u>V</u> Spotted Sandpiper Whimbrel | u | u | u | 0 | Eastern Screech-Owl* | u | u | u | u |
| | 0 | 0 | 0 | r | ✓ Great Horned Owl* | u | u | u | u |
| Long-billed Curlew Marbled Godwit | r | | r | r | ✓ Barred Owl | \mathbf{r} | r | \mathbf{r} | r |
| | 0 | r | 0 | r | 1 | | | | |
| Ruddy Turnstone | С | u | c | u | Nightjars | | | | |
| Red Knot | u | u | u | u | Lesser Nighthawk | | | | r |
| Sanderling | С | c | С | c | ✓Common Nighthawk* | u | u | u | |
| Semipalmated Sandpiper | u | 0 | u | | Chuck-will's-widow* | c | c | u | |
| ✓ Western Sandpiper | u | 0 | c | 0 | Whip-poor-will | O | | O | u |
| Least Sandpiper | С | c | c | c | | | | | |
| ✓ White-rumped Sandpiper | 0 | r | 0 | $\mathbf{r}_{_{0}}$ | Swifts and Hummingbirds | | | | - |
| Baird's Sandpiper | \mathbf{r} | | | | ✓ Chimney Swift* | u | u | u | |
| ✓ Pectoral Sandpiper | 0 | r | 0 | r | Ruby-throated Hummingbird* | u | 0 | u | |
| <u>✓</u> Dunlin | c | r | u | c | | Ct. | | и | |
| Stilt Sandpiper | 0 | 0 | 0 | r | Kingfishers | | | | |
| Buff-breasted Sandpiper | 0 | r | 0 | | V Belted Kingfisher | c | u | c | c |
| ✓ Short-billed Dowitcher | u | 0 | 0 | u | V Defted Kinglisher | C | u | C | C |
| Wilson's Snipe | 0 | | u | 0 | Waadaaalaaa | | | | |
| American Woodcock | 0 | | 0 | 0 | Woodpeckers | | | | |
| Wilson's Phalarope | r | r | r | | ✓ Red-headed Woodpecker* | 0 | 0 | 0 | 0 |
| | | | | | ✓ Red-bellied Woodpecker* | С | c | С | c |
| Gulls, Terns, and Skimmers | | | | | Yellow-bellied Sapsucker | u | | u | u |
| Laughing Gull | a | a | a | c | ✓Downy Woodpecker* | u | u | u | u |
| Bonaparte's Gull | u | | 0 | u | Hairy Woodpecker | r | r | r | r |
| Ring-billed Gull | c | 0 | c | c | Red-cockaded Woodpecker | + | + | + | + - |
| Herring Gull | u | 0 | u | u | ✓ Northern Flicker | u | 0 | u | u |
| Great Black-backed Gull | r | | | r | ✓ Pileated Woodpecker* | u | u | u | u |
| Gull-billed Tern* | 0 | 0 | 0 | | | | | | |
| Caspian Tern* | u | u | u | u | Flycatchers | | | | |
| Zaspian Tern | c | c | c | u | Eastern Wood-Pewee | u | u | u | |
| Sandwich Tern | u | c | u | r | ✓ Acadian Flycatcher | 0 | 0 | 0 | |
| Common Tern | u | u | u | r | /Willow Flycatcher | r | | | |
| Forster's Tern | c | c | c | c | Eastern Phoebe | u | | С | C |
| V Least Tern* | c | c | u | Č | Vermilion Flycatcher | | | | r |
| | C | X | X | | ✓ Great Crested Flycatcher* | c | c | 0 | |
| Sooty Tern | 0 | u | 0 | | Western Kingbird | \mathbf{r} | r | r | r |
| Black Tern | 0 | u | c | c | <u>✓</u> Eastern Kingbird* | c | c | c | |
| ✓Black Skimmer | С | и | C | C | Gray Kingbird | r | r | r | |
| Di LD | | | | | Scissor-tailed Flycatcher | | | r | |
| Pigeons and Doves | | | 70 | 70 | | | | | |
| Rock Pigeon*@ | r | r | r | r | Shrikes | | | | |
| ✓Eurasian Collared-Dove*@ | 0 | 0 | 0 | 0 | Loggerhead Shrike | \mathbf{r} | r | r | r |
| White-winged Dove | r | r | 0 | 0 | | | | | |
| | | | | | | | | | |

| SP | S | F | W | SP | S | F | W |
|---|--------------|-----|---|--|---|---|----|
| Waterfowl | ٥ | | | | X | ľ | ** |
| Snow Goose | | u | 0 | | a | a | a |
| Canada Goose r | | r | r | | a | a | a |
| ✓ Wood Duck* | c | a | a | | c | c | c |
| Gadwall | | u | u | | c | c | c |
| Gadwan American Wigeon u | | u | u | | u | u | 0 |
| American Black Duck | | r | 0 | 7 | c | c | r |
| Mallard 0 | | 0 | u | —————————————————————————————————————— | c | u | u |
| Mottled Duck | r | r | r | | u | u | c |
| √ Blue-winged Teal c | u | c | u | | u | r | r |
| Northern Shoveler u | CX. | u | u | _ | u | 1 | 1 |
| Northern Pintail 0 | | 0 | 0 | Ibiasa Cusanahilla and Starks | | | |
| Green-winged Teal | | c | c | Ibises, Spoonsbills, and Storks | | | |
| Canvasback 0 | | 0 | 0 | | u | u | .u |
| Redhead u | | u | u | | 0 | С | 0 |
| | | u | u | | r | r | |
| TUING INCOMES 2 STORY | r | 0 | 0 | Wood Stork u | u | u | 0- |
| greater ceasp | 0 | c | c | | | | |
| Lesser Scaup c | O | 8 | u | Vultures, Hawks, and Allies | | | |
| Surf Scoter u | | 0 | u | | 0 | 0 | 0 |
| White-winged Scoter u | | 0 | | Turkey Vulture c | c | С | c |
| Black Scoter u | | 0 | u | √Osprey* c | c | u | 0 |
| Bufflehead c | | c | c | | u | | |
| Common Goldeneye u | | u | u | | r | r | |
| Hooded Merganser u | | c | c | ∠Bald Eagle* c | u | c | c |
| Red-breasted Merganser / c | 0 | С | c | Northern Harrier u | r | u | u |
| Ruddy Duck 0 | | 0 | 0 | Sharp-shinned Hawk o | r | u | u |
| | | | | Cooper's Hawk o | r | u | 0 |
| Gallinaceous birds (Quails, Turkeys, and Allies | | | | Red-shouldered Hawk* c | c | c | c |
| Wild Turkey* r | r | r | r | <u>√</u> Broad-winged Hawk o | 0 | u | |
| ✓ Northern Bobwhite* 14m r | r | r | r | Red-tailed Hawk* u | u | c | c |
| | | | | Golden Eagle r | | r | r |
| Loons | | | | American Kestrel* u | | u | u |
| Red-Throated Loon | | | r | Merlin o | | 0 | 0 |
| Common Loon c | r | u | c | Peregrine Falcon r | | 0 | 0 |
| | | | | | | | |
| Grebes | | | | Rails, Gallinules, Coots and Cranes | | | |
| Pied-billed Grebe* u | r | . 0 | u | Yellow Rail , r | | | |
| Horned Grebe u | r | 0 | u | <u>✓</u> Black Rail*/ | r | r | 0 |
| | | | | <u>√</u> Clapper Rail* c | c | c | c |
| Gannets, Pelicans, and Allies | | | | King Rail u | u | u | u |
| Brown Booby | \mathbf{X} | | | <u>√</u> Virginia Rail u | | u | u |
| Northern Gannet u | r | 0 | u | √ Sora c | r | c | c |
| ✓ American White Pelican u | \mathbf{r} | 0 | u | ✓ Purple Gallinule* o | u | O | r |
| ✓ Brown Pelican a | a | a | a | ✓ Common Moorhen* c | a | a | 0 |
| Double-crested Cormorant a | c | a | a | <u>√</u> American Coot c | 0 | c | c |
| ✓Anhinga* c | c | c | c | Sandhill Crane r | | 0 | 0 |
| Magnificent Frigatebird o | 0 | 0 | | | | | |
| | | | | Shorebirds | | | |
| Herons, Egrets, and Allies | | | | √ Black-bellied Plover c | u | c | c |
| American Bittern 0 | r | 0 | o | American Golden Plover r | | r | |
| Least Bittern* | c | | r | ✓Snowy Plover* u | u | u | u |
| ✓ Great Blue Heron* | c | | c | Wilson's Plover* | 0 | 0 | r |
| <u>h</u> 010m 51m 120 01 | | | | _ | | | |
| | | | | | | | |