

# Howard.

A Chapter of the Maryland Ornithological Society



Vol. 20, No 5 May-Jun 1992

# \$5,000 FOR SIERRA DE LAS MINAS, GUATEMALA



The Howard County Bird Club donated the proceeds from the two 1991-1992 seed sales and 50 individual donations to purchase and perpetually protect over 80 acres of rich rainforest in the Sierra de las Minas in Guatemala. This is a mountain range over 40 miles long containing some 583,000 acres, an area of almost incredible biodiversity. It has been named a biosphere reserve, a designation applied to a limited number of areas which are of special value because of their rich and varied habitats. Only a fraction of this choice area has been acquired, and the time to save it is limited. Nature Conservancy International scientists using satellite maps have calculated that more than 40% of the forest cover in this reserve has disappeared through deforestation in the last ten years.

The habitats vary from dry scrub to cloud forest. The variety of trees, flowering plants, mosses, and ferns is particularly high (e.g., more than 280 species of wild orchids). This diverse vegetation supports a wide variety of mammals, birds, amphibians, and insects. Chandler Robbins, biologist at the Patuxent Wildlife Research Center, spent a week banding birds in the cloud forest portion of this reserve in early 1992 as part of his continuing study of winter habitats of neotropical migrants. He commented that cloud forest species of hummingbirds and wood creepers were varied, the striking Resplendent Quetzal (national bird of Guatemala) was common, and the most frequent North American warbler was the Wilson's! Other habitats in the reserve shelter wintering American Redstarts, Black-and-white Warblers, Ovenbirds, Rose-breasted Grosbeaks, Least and Great Crested Flycatchers, and many others. More than 30 species of warblers winter in the reserve including the endangered Golden-cheeked Warbler.

We thank our seed sale customers who supported this conservation cause through their purchases and also gratefully acknowledge donations made by the following:

Mike Bandy
Ann Barnes
Buff Barr
John & Brenda Bell
Susan Bell
Pat Brokos
Lois Carleton
Mary Coffey
Beverly Ditch
Bob Doyle
Warren Drell
Marsha Durson
Gerald & Libby Einem

Jane Farrell
Richard Fawcett
Christina Glorioso
Melvin Goldstein
Linda Hammil
R. W. Handwork
Dave Harvey (honorarium)
Patricia Hirt
Nancy Huting
Phyllis Jovich
Eleanore Klitzke
Paul Kojzar
Dave & Julie Kubitsky

Don Kyle
Russ Lange
Margaret Lord
Nancy Magnusson
Betty Mayer
James & Claudia Medwin
Don & Fran Nahrgang
Elsa Ponce
James Resau
Rosamond Ridgley
Florence Saito
Susan Setterberg
Skip Skipton

Romayne Smith & Clyde Robinette
Bob & Jo Solem
Tom Strikwerda
Nettie Taylor
Helen Thompson
Bruce & Virginia Weber
J. M. Whisnant
G. J. Wilson
Barbara Schuyler
& Pat Wilson
Michele Wright
Helen Zeichmer

If you wish to make a contribution during the year, send your check made out to Howard County Chapter—MOS. Mark it for Tropical Habitat Preservation and send it to Treasurer Nancy Magnusson, 8589—F Falls Run Road, Ellicott City, MD 21043.

### 1992-1993 OFFICERS ELECTED

At the annual meeting in April, the following were elected to lead the Howard County Bird Club for the coming year: President Joanne Solem, Vice President Tom Strikwerda, Secretary Shiras Guion, Treasurer Nancy Magnusson; State Directors: Jane Farrell, Don Waugh, Helen Zeichner, Paul Zucker; Chapter Director: Dave Kubitsky. (Pat Hirt will be serving the second year of her term as Chapter Director.) The Nominating Committee was Eva Sunell, Tom Strikwerda, and Paul Zucker (chair).

# THE BIRDING YEAR IN HOWARD COUNTY

JULY Jo Solem



- Late summer is a good time to study the young of local breeding birds. Fledglings are sometimes identical to adults, but in some species there is a dramatic difference in plumage. At the very least, the young of common perching birds will have a short tail and only partially developed wing feathers when they leave the nest. They will continue to beg for food for several weeks after fledging.
- Continue watching for vagrant egrets and herons (other than the regular Great Blue and Green-backed) on local lakes and rivers; many will be immature birds.
- Look for young Wood Ducks and adults in eclipse plumage on secluded ponds and rivers. The marshy end of Centennial Lake usually holds a few.
- By mid-month, start watching muddy flats and reservoir/lake edges for early shore-bird migrants. Most will be adults still in partial breeding plumage.
- Bald Eagles and Ospreys may wander over or near water, although eagles may be seen almost any time of the year in small numbers, particularly around the reservoirs.
- Warm summer days, when thermals are strong, are a good time to observe soaring hawks and vultures. Watching Black and Turkey Vultures together helps to separate the two species. Much of the Patapsco River Valley offers favorable possibilities.
- At dusk, listen for owls (especially screech-owls) this month and next since the families have fledged and are talkative.
- Late in July, juvenile Purple Martins gather in flocks, often in dead branches at the tops of tall deciduous trees.
- Late this month start checking Triadelphia Reservoir at Brighton Dam as well as lakes and ponds for flocking swallows.
- Chokecherries should be ripe the last part of July and the first part of August. Be alert for birds feeding on the fruit.
- There is some early migration of songbirds this month. Note the disappearance of Orchard Orioles by month's end as well as the depositure of most of the Volley Westblers.
- Those with a curious turn of mind should watch for fledgling Brown-headed Cowbirds and observe the host species.
- American Goldfinches begin to nest in late July when thistle goes to seed. The county bird can be seen at Centennial, Schooley Mill, or Rockburn Branch Parks.

### EDUCATIONAL PROGRAMS PRESENTED BETWEEN APRIL 11, 1991 AND APRIL 9,1992

Each year the club's mounted specimens and slide programs are borrowed by many members and used for educational presentations and displays. This educational arm of the Bird Club reaches thousands of people each year in an effort to introduce them to the fascinating world of natural history. Any member may borrow specimens (call Jo Solem 301-725-5037); if you are a parent, consider making presentations to clubs or classes in which your children are enrolled. Reference material accompanying each box of specimens provides background information. Individuals who used club materials for programs, displays, or personal study during the year included Connie Bockstie, Martha Chestem, Eileen Clegg, Carolyn Cradler, Linda Furlong, Ralph Geuder, Judy Habib, Margie Kupiec, Mike McClure, Bonnie Ott, Frankie Pardoe, Suzanne Probst, Florence Saito, Joanne Solem, Regina Somerlock, Barbara Sullivan, Eva Sunell, Michele Wright, and Helen Zeichner.

Groups to whom presentations were made or places where there were displays included the following: Phelps Luck E.S. 2<sup>nd</sup> grade GT & 4<sup>th</sup> grade, Swansfield E.S. 1<sup>st</sup> grade, Montessori School (Longfellow), Rockburn Park Chipmunk Hour (Dept. of Rec & Parks), Clemens Crossing E.S. after school program, West Friendship E.S. 4<sup>th</sup> & 5<sup>th</sup> grade outdoor day, How. Co. Rec & Parks Nature Camps, Howard County Fair, Glenelg Country School 9<sup>th</sup> grade biology, Westowne E.S. (Balt. Co.), Oakland Mills M.S. Outdoor Ed., Deep Run E.S. 2<sup>nd</sup> grade GT, Middle Patuxent Nursery School, Wilde Lake Nursery School, Dept. of Rec & Parks Trim-a-tree Program, West Friendship E.S. Trail Blazers Club, Hammond E.S. kindergartens, St. John's Parish Day School, Patapsco M.S. 7<sup>th</sup> grade science, Allenford Garden Club, Cub Scout Pack #917 Den 6, Howard Community College Science Club, Brantley Baptist Home School Group, Swansfield E.S. Brownie Troop, Clemens Crossing E.S. 4<sup>th</sup> grade (Maryland Day), Daisy Troop #1356, and Principles of Ecology class at Hood College.

### CALENDAR OF PROGRAMS, FIELD TRIPS, SPECIAL EVENTS

Programs are held at Longfellow Elementary School, 5470 Hesperus Dr., Columbia. Meeting is cancelled if schools are closed for any reason. Hospitality session at 7:30 p.m. Meeting/program begins at 8:00 p.m. Club bookstore opens at 7:30 p.m.

Thursday

"LITTLE GREEN BIRDS" - David Holmes. David is always able to provide excellent bird slides because he photographs during banding. He has spoken previously on "Little Brown Birds." This time he will help us unravel the identification of flycatchers, vireos, and other small green look-alikes. It's not easy being green....

Field trips meet as described for each trip. Carpooling is encouraged with riders sharing the cost of gas and tolls. Dress for field work with stout, reasonably waterproof footgear & layers of clothes. Trips do not always follow paths. No pets. Leaders may cancel due to inclement weather or fewer than 3 participants. Questions? Call leader or Field Trip Chair Bonnie Ott (410) 461-3361.

MAY 9 MAY COUNT. See explanation on the insert in this newsletter. For additional information or to volunteer, call Paul Zucker (301) 279-7896 (H) or (301) 953-5000 x 4971 (O).

JUNE 13 SUMMER WILDFLOWER WALK. Leader: Bob Solem (301) 725-5037. 1/2 day. Saturday Wincopin Neck Trail. Meet at Savage Park office at 9:00 a.m.

JUNE 20
Saturday
Saturday
Saturday
Saturday
Summer Solstice Bird Walk. Leader: Nancy Magnusson (410) 461-8912.

Saturday

1/2 day. Schooley Mill Park. Meet at 7:30 a.m. in upper parking lot straight ahead. Look for Howard County breeding birds at time of peak song. Trails may be muddy.

BOARD MEETING: Thursday, May 28 at 7:30 p.m., Longfellow Elementary School.

SEPTEMBER-OCTOBER 1992 NEWSLETTER MATERIAL is due July 15. Call or mail to Susan Setterberg, 9445 Clocktower Lane, Columbia, MD 21046; telephone (301) 498-4734.

SPRING MIGRATION RECORDS (March through May) are due by June 7 for Maryland Bird-life and American Birds. Send to Joanne Solem, 10617 Graeloch Road, Laurel, MD 20723; telephone (301) 725-5037.

# SUSAN SETTERBERG NAMED NEWSLETTER EDITOR

This issue of the newsletter will be my final one as editor. It is hard to believe 17 years have passed since I somewhat reluctantly agreed to be a co-editor.

Anyone who accepts a role as a volunteer for such an extended period can do so only with the support and cooperation of numerous individuals. I cannot possibly enumerate them all and for that reason I hesitate to list names; however, I would be remiss if I did not express my gratitude to some of the most consistent contributors. Martha Chestem and Jon E. Boone each authored a group of bird identification articles. Chris Ludwig initiated the Hot Spots series and received help from many birders; others wrote articles after he left the area. Georgia Morris provided the fine drawings and much of the text for the Flower Feature. Bob Solem covered conservation issues for half a dozen years, assisted with the Flower Feature, and moved the newsletter into the computer age. Each deserves my special thanks.

In addition to the long-term features, there were those who wrote annual cavity nester, count, and annual list summaries; birders who submitted first county bird record descriptions; while field trip and program chairs provided items punctually. There were any number of members who contributed behavioral observations, travel descriptions, or drawings. All of them were appreciated. Without the help of all of these people, my job would have been extremely difficult and the newsletter much less useful to the local birding community.

Jan and Don Randle deserve a vote of thanks for the many hours over the years they spent preparing the newsletter for mailing as does Marty Chestem, who tilted with any number of postal windmills in her faithful mailing of this publication.

I am pleased Susan Setterberg has been named the new editor. She brings enthusiasm, interest, and experience to the position; she also needs your help. Please provide her with the same support you have given me so that she can produce an informative newsletter in a timely fashion. Her address is 9445 Clocktower Lane, Columbia, MD 21046; telephone (301) 498-4734. She looks forward to hearing from you.

# 222 SPECIES FOR 1991 ANNUAL LIST Jane Farrel1 <

I was surprised when the number of bird species seen in Howard County added up to 222. Many local birdwatchers complained about the BORING birding year, and they were to some extent correct. Fourteen species of this total were observed by only one person or one party of birders. We have many observers in the field year-round, and we get excellent county coverage. One observer of bird activity state-wide remarked that Howard Countians are the most competitive intracounty birders around. We take that as a compliment, whether meant or not. Our competition involves seeing how many good birds we can find and how many people we can share them with.

cies can be counted on most years.)

But there were highlights and, again, new birds for the county list. Four of these new birds were seen by multiple observers: Black Scoter on Wilde Lake, Eurasian Wigeon on Centennial Lake, Tricolored Heron on Triadelphia Reservoir, and two individual Northern Shrikes (one at Schooley Mill Park and one at Patapsco Valley State Park). New species seen by only a single observer will not be listed until they clear the Maryland/DC Records Committee.

As usual there were misses. Last year I asked for Redhead, Rough-legged Hawk, Golden-winged Warbler, and Connecticut Warbler in 1991; you found Rough-legged Hawk and Golden-winged Warbler. I'll ask again for Redhead and Connecticut Warbler and add a request for a variety of shorebirds and an unusual tern or two. Let others know if you find unusual species. Call Bea Newkirk (301) 498-1902 to activate the Rare Bird Alert!

Thanks to these members who submitted their complete 1991 lists: Burton J. Alexander, Connie Bockstie, Jane Farrell, Nancy Magnusson, Peter Osenton, Bonnie Ott, Suzanne Probst, Norm & Fran Saunders, Jo Solem, Eva Sunell, and Helen Zeichner. Jo Solem's, Mike McClure's and David Holmes' data from season reports & special counts captured some species that would otherwise be missing. David Holmes and Bob Ringler shared their technical expertise and provided guidance. Bob Solem produced the computerized 13-year compilation. Individuals the submitted their 1991 annual lists will receive a printout of the 13-year compilation. Other members may request it by contacting Jane Farrell at (410) 381-7344 or by sending a stamped, self-addressed long envelope to 6324 Sandchain Road, Columbia, MD 21045.

Addendum: Add Dickcissel to the 1990 annual list, making the total 222 species. Add Glaucous Gull to the 1987 annual list, bringing that total to 215 species. Add Wild Turkey to the 1982 annual list, which brings the total to 215.

Red-throated Leen Common Leen Pied-billed Grebe Horned Grebe Bouble-created Cormorant American Bittern American Sittern Great Slue Heron Great Egret Snewy Egret Little Blue Heron Tricolored Heron Cattle Egret Cattle Egret
Green-backed Heron
Black-crowned Might-Heron
Glessy Ibis
Tundra Swan
Mute Swan
Snow Geose
Canada Geose
Wed Buck
Green-winged Teal
American Black Duck
Mallard
Worthern Pintail Morthern Pintail Blue-winged Teal Morthern Shoveler Gadwal l Eurasian Wigeen American Wigeen Canvasback Canvasback Ring-necked Duck Greater Scaup Lesser Scaup Oldsquaw Black Sceter Conmon Goldeneye Bufflehead Bettlehead Hooded Herganser Common Herganser Red-breasted Herganser Ruddy Buck Black Vulture Teneny Vulture Osprey Bald Eagle

Horthern Harrier
Sharp-shinned Hawk
Cooper's Hawk
Red-shouldered Hawk
Bread-winged Hawk
Red-tailed Hawk
Red-tailed Hawk
Golden Eagle
American Kestrel
Herlin
Peregrine Falcon
Ring-meeked Pheasant
Wild Turkey
Horthern Sobwhite
Sora Sora Common Hoorhen Common Hoorhen American Coot Semipalmated Plover Killdeer Greater Vellowlegs Leaser Vellowlegs Solitary Sandpiper Spotted Sandpiper Sandanling Spotted Sandpiper Sanderling Semipalmated Sandpiper Least Sandpiper Pectoral Sandpiper Bunlin Common Saipe Counci Snipe
American Woodcock
Wilson's Phalarope
Laughing Gull
Bonaparie's Gull
Ring-billed Gull
Herring Gull
Lesser Slack-backed Gull
Great Black-backed Gull
Great Black-backed Gull
Caspian Tern
Black Tern
Rock Bove
Hourning Bove
Black-billed Cuckoo
Yellou-billed Cuckoo
Eastern Sorocoh-Gul

Great Horned Oul Barred Oul Horthorn Sau-whet Oul Great Herned Gwl
Barred Gwl
Horthern Saw-whet Gwl
Comson Highthawk
Chuck-will's-widow
Whip-peer-will
Chimney Swift
Roby-threated Hummingbird
Belted Kinglisher
Rod-beaded Weedpecker
Rod-belied Weedpecker
Vellew-bellied Sapsucker
Bowny Heedpecker
Hairy Weedpecker
Hairy Weedpecker
Horthern Flicker
Fliested Weedpecker
Outersided Flyoatcher
Eastern Weed-Pewee
Acadian Flyoatcher
Eastern Heed-Pewee
Acadian Flyoatcher
Least Flyoatcher
Least Flyoatcher
Eastern Kingbird
Horned Lark
Purple Wartin
Tree Swallow
Barn Swallow
Cliff Swallow
Bank Swallow
Cliff Swallow
Cliff

Ruby-crouned Kinglet

Blue-gray Gnatcatcher Eastern Bluebird Veery Gray-cheeked Thrush Swaimsen's Thrush Hermit Thrush Susinsen's Thrush
Herait Thrush
Wood Thrush
Aserican Rebin
Gray Catbird
Horihera Heckingbird
Horbara Heckingbird
Horbara Heckingbird
Horbara Heckingbird
Horbara Heckingbird
Horbara Hite
Cedar Waxwing
Horthera Shrite
European Starling
White-eyed Viree
Solitary Viree
Vellow-threated Viree
Warbling Viree
Harbirg Viree
Blue-winged Warbler
Golden-winged Warbler
Horthera Parela
Vellow Warbler
Horthera Parela
Vellow Warbler
Hosthille Warbler
Hogheling Warbler
Black-threated Blue Warbler
Glack-threated Steem Warbler
Black-threated Greem Warbler
Falm Warbler
Palm Warbler
Palm Warbler
Black-threated Warbler
Fine Warbler
Falm Warbler
Falm Warbler
Black-threated Warbler
Horthera Harbler
Falm Warbler
Black-threated Warbler
Black-threated Warbler
Black-threated Warbler
Falm Warbler
Falm Warbler
Black-threated Warbler
Black-threat Machler

Ovenbird
Northorn Waterthrush
Louisiana Waterthrush
Kontucky Warbler
Nouraing Warbler
Common Yellowthreat
Hooded Warbler
Wilson's Warbler
Canada Warbler
Canada Warbler
Canada Warbler
Canada Warbler
Yellow-breasted Chat
Summer Tanager
Northorn Cardinal
Rose-breasted Grosbeak
Blue Grosbeak
Indige Bunting
Rufous-sided Towhee
American Tree Sparrow
Chipping Sparrow
Field Sparrow
Vesper Sparrow
Grasshopper Sparrow
Fox Sparrow
Fo Fox Sparrow Song Sparrow Lincoln's Sparrow Swamp Sparrow White-throated Sparrow White-throated Sparrow White-crowsed Sparrow Bark-eyed Junco Bobolink Red-winged Blackbird Eastern Readowlark Rusty Slackbird Seewer's Blackbird Common Grackle Brown-headed Cowbird Grahard Brisle Herthern Grisle Herthern Finch Newse Finch Pine Siskin American Goldfiach Evening Grosbeak

### MAY COUNT IS SATURDAY, MAY 9, 1992 - Paul Zucker

Every year since 1948, members and friends of the MD Ornithological society have conducted an annual May Count. You are urged to participate for all or part of the day at the peak of migration for an experience like no other in the birding year.



The compiler for the Howard County May Count is Paul Zucker, 12813 Huntsman Way Potomac, MD 20854, telephone (301) 279-7896 (H) or (301) 953-5000 x 4971 (O). Field and feeder watchers must contact the compiler during the two weeks preceding the count or at the April chapter meeting. Areas to be birded and observer groupings will be assigned by the compiler but, whenever possible, requests will be honored. Inexperienced or beginning birders are encouraged to participate for even a few hours (early a.m. is most productive); the compiler will team them with more experienced observers.

Each of the 18 regions in the county has a team leader who is responsible for combining all field notes from his/her region into a clean, final tally sheet which must be turned in at the tally (extras will be available). Leaders must also total party miles & time, include names & addresses of observers, and obtain documentation for all unusual species reported. (Time out of the assigned area and lunch breaks should be subtracted from totals.) Observers within talking or shouting distance are one party. If two or more birders spend an hour together on foot, that constitutes one party hour; however, if one member is separated from others for half an hour, then the total is 1½ party hours. Count all birds; large flocks can be estimated. Do not ignore House Sparrows, European Starlings and other common species. Birds seen outside your assigned area should be noted separately and given to the area leader of that sector at the tally. Comparison of time, direction, and location may enable additions without double counting.

Individuals birding in the county that day who are not participating in May Count occasionally desire to turn in their sightings. To prevent double counting, the only species that can be accepted are those which no one else has seen. Such species are frequently those which require written documentation.

#### UNUSUAL SIGHTINGS

All unusual sightings need to be documented. Include the name of the person making the identification, names of all others who saw the bird, when and where seen, lighting conditions, optics used, behavior, time period observed, field marks, etc.

Any species not previously recorded in the county nor listed on the checklist needs to be documented. The following species (seen on four or fewer of the last 15 Howard County May counts) need to be documented: Pied-billed Grebe, Horned Grebe, Double-crested Cormorant, Cattle Egret, Yellow-crowned Night-Heron, Glossy Ibis, Tundra, Swan, Green-winged Teal, American Black Duck, Northern Pintail, Northern Shoveler, Gadwall, Canvasback, Ring-necked Duck, Greater or Lesser Scaup, Common Goldeneye, Redbreasted Merganser, Hooded Merganser, Ruddy Duck, Bald Eagle, Merlin, Wild Turkey, Sora, American Coot, Upland Sandpiper, Sanderling, Semipalmated Sandpiper, White-rumped Sandpiper, Pectoral Sandpiper, Short-billed Dowitcher, Long-billed Dowitcher, Wilson's Phalarope, Bonaparte's Gull, Herring Gull, Caspian Tern, Forster's Tern, Barn Owl, Chuck-will's-widow, Yellow-bellied Sapsucker, Olive-sided Flycatcher, Alder Fly-catcher, Willow Flycatcher, Black-capped Chickadee, Winter Wren, Marsh Wren, Golden-crowned Kinglet, Gray-cheeked Thrush, American Pipit, Loggerhead Shrike, Philadelphia Vireo, Mourning Warbler, Summer Tanager, Dickcissel, American Tree Swallow, Henslow's Sparrow, Fox Sparrow, Lincoln's Sparrow, or Rusty Blackbird.

#### MAY COUNT TALLY POTLUCK AT DON & JAN RANDLE'S, 6424 LOCHRIDGE ROAD, BRAEBURN

Anyone who participates in the count is welcome to attend the tally. If you are unable to attend, please make prior arrangements with your area leader or the compiler to turn in or phone in results count day or evening. Call Jan Randle 531-6296 to let her know the number coming and your choice of food to share. (Non-cooks or all-day counters ask Jan for suggestions.) Counters begin gathering any time after 5:30 p.m.; dinner usually begins between 6:30-7:00 p.m. The Randles live in Braeburn which is on the west side of Cedar Lane (the section north of Md. 32 and south of the stoplights at Owen Brown and Freetown Roads.) Entrance road is Braeburn Road, turn right on Loch-ridge and continue to first house on left after Hillbrook Drive (one long block).

LANGHING GOLL  PICE-SPILLED GEBE  BONDED GEBE  BULE-VINCED MARBLER  CASPIAN TERN  GOLDER-VINCED MARBLER  GONDEL TERN  GONDEL TERN  GONDEL TERN  GONDEL TERN  GONDEL TERN  GONDEL TERN  BILACK SCHIMER  TELOUGOBO MERCEN  TELOUGO MERCEN  TELOUGOBO M	"STATE-WIDE BIRD COUNT"		County
MASSIED CORPORATE MERICA BUT LEAST STREET MERICA COUL MARKETCH BUT STREET CASPIAN FERN CASPIAN F	COMMON LOON	LAUGHING GULL	UNITE-EVED WIREO
MASSIED CORPORATE MERICA BUT LEAST STREET MERICA COUL MARKETCH BUT STREET CASPIAN FERN CASPIAN F	PIED-BILLED GREBE	BONAPARTE'S GULL	SOLITARY VIDEO
MASSIERD STEEN  CASTANT REN  CREAT BLUE MERCH  C	HORNED GREBE	RING-BILLED GULL	YELLOU-THROATED VIDEO
GREAT BEACH-SACKED GOLL  RED-ETED VIRED  GREAT BELLE HERDON  GREAT ECRET  GREAT ECRET  COMMON TERM  GREAT BELLE HERDON  GREAT ECRET  COMMON TERM  GREAT BELLE HERDON  GREAT ECRET  COMMON TERM  GREAT BELLE HERDON  LEAST TERM  MORTHER PRABLE  LITTLE BLUE HERDON  GREAT BELLE BLUE HERDON  LEAST TERM  MORTHER PRABLE  LITTLE BLUE HERDON  GREAT BELLE CUCKOD  GREAT BELLE C	DOUBLE-CRESTED CORMORANT	HERRING GULL	UAPRI INC. VIDEO
LEAST BLIE METON  CREAT ERRET  SHOW (ERRET  FORSTER'S TENN  HASWYLLE WARRIER  TRICLORED MERCH  BLACK SCHMER?  TRICLORED MERCH  TRICLORED MERCH  BLACK SCHMER?  TRICLORED MERCH  BLACK SCHMER?  TRICLORED MERCH  TRIC	AMERICAN BITTERN	GREAT BLACK-BACKED GULL	PED-EYED VIDEO
GREAT EGNET  COMMON FERM  TOLOLORED MERON  BLACK SCHMER  YELLOW MARRIER  YELLOW MAR	LEASI BITTERN	CASPIAN TERN	RILIE-MINCED MARRIED
GREAT GERE!  COMMON TERM TENNESSEE MARBLE?  TRICOLORED MERCH TRICOLORED ME	GREAT BLUE HERON	ROYAL TERN	
RIACK STHERS BLACK STHERS CATTLE BORD AND ADDRESS AND	GREAT EGRET	COMMON TERN	TENNESSEE HADDLED
RIACK STHERS BLACK STHERS CATTLE BORD AND ADDRESS AND	SNOWY EGRET	FORSTER'S TERM	NACHVILLE HARDIER
BLACK STIPMER  SHACK STUPER  S	LITTLE BLUE HERON		
RLOSSY 1815  LEASTERN SCREECH COX  MIVE SMAN  GREAT HORDER DOML  GREAT HORDER GREAT HORDER DOML  MILE SMAN  MEET LAM BLACK DUCK  COMMON HIGHTARIAK  YELLOU-TREATER PLACEFORL LARBEER  PARTIEL MARGER  BARREL CAN WIGHT HORDER DOML  GREAT GREAT HORDER GREAT HORDER GREAT HORDER GREATER SCAUP  RED-BELLED KINGER BELLED BEL	TRICOLORED HERON	BI ACK CKINNED	NORTHERN PARULA
ALESTERN SCREECH COM.  MITE SUAM  GREAT HORDERO COM.  MITCHANAL  YELLOU-HORDERO THE MARBLER  PARTIEL MARBLER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MITCHANAL  MITCHANAL  MICH MARBLER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MITCHANAL  GREAT GROBER  MARBLER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO COMMON MORDER GREAT  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO GROBER  HARDERO G	CATTLE ECDET	MOUDALING DOVE	TELLOW WARBLER
ALESTERN SCREECH COM.  MITE SUAM  GREAT HORDERO COM.  MITCHANAL  YELLOU-HORDERO THE MARBLER  PARTIEL MARBLER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MITCHANAL  MITCHANAL  MICH MARBLER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MITCHANAL  GREAT GROBER  MARBLER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO COMMON MORDER GREAT  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  MARBLER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  HARDERO SULTILL  GREAT GROBER  GREAT GROBER  HARDERO GROBER  GREAT GROBER  GREAT GROBER  GREAT GROBER  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO SULTILL  HARDERO GROBER  HARDERO G	CDEEN-BACKED HEBON	BLACK BILLED CHOKOO	CHESTNUT-SIDED WARBLER
GLOSSY 1915  LEASTERN SCREECH ONL  REVELLED AND SCREEN MARBLER  CANADA GOOSE  BARRED ONL  GREAT HORDERO ONL  BLACK-HORDER  GREAT HORDERO ONL  BLACK-HORDER  GREAT HORDERO ONL  BLACK-HORDER  GREAT HORDERO ONL  BLACK-HORDER  GREAT HORDERO  MIPP-POOR LITE S-VIDOU  PINE MARBLER  PARTIEL MARBLER  RED-BELLED KINGHISHER  BLACK-GULL MARBLER  RED-BELLED KINGHISHER  BUFFLEHAD  RED-BELLED SAPSUKER  AMERICAN ROSTART  MORDED HORDER  BUFFLEHAD  VELBELLED SAPSUKER  AMERICAN ROSTART  MORDED HORDER  RED-BELLED KINGHISHER  RED-BELLED KINGHISHER  MORDED HORDER  MORHERW MARBLER  RED-BELLED KINGHISHER  MORHERW MARBLER  MORHERW MARBLER  RED-BELLED KINGHISHER  MORHERW MARBLER  MORHERW MARBLER  RED-BELLED KINGHISHER  MORHERW MARBLER  MORHERW MARBL	DIACK-COCKED NICHT HERON	BEACK-BILLED CUCKOO	MAGNOLIA WARBLER
GLOSSY 1815  LASTERS SCREECH ONL  REVELLED AND AUBBLE PROVIDED TO THE STANDARD ONL  GREAT RORDED COLL  GREAT	DEACK CROWNED NIGHT HERON	TELLOW-BILLED COCKOO	CAPE MAY WARBLER
CAMADO COSE  BURETO COSE  BULETO COSE  BULET	TELCROWNED NIGHT HERON	COMMON BARN OWL	BLKTHRTD. BLUE WARBLER
CAMADO DOCE  MERICAN BLACK DUCK  MERICAN BLACK DUCK  MERICAN BLACK DUCK  MILEY-WINGED TEAL  CHIMMET SWIFT  MILEY-WINGED TEAL  CHIMMET SWIFT  MILEY-WINGED TEAL  CHIMMET SWIFT  MILEY-WINGED TEAL  CHIMMET SWIFT  MARILARD  MILEY-WINGED TEAL  CHIMMET SWIFT  MARILARD  MILEY-WINGED TEAL  CHIMMET SWIFT  PARA MERICAN  MORTHERN ELICE  MORTHERN MARILER  MORTHERN MERICAN  MORTHERN ELICE  MORTHERN MERICAN  MO	GLOSSY IBIS	EASTERN SCREECH OWL	MYRTLE WARBLER
MALLAW MIRED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  MIST-HINGED MEDICALE  MEDIC-HINGED MEDICALE  MORTHERN HEROSTATI  MORTHER	MUTE SWAN	GREAT NORNED OWL	BLKTHRID. GREEN WARRIER
MALLAW MIRED TEAL  CHINNEY SIA	CANADA GOOSE	BARRED OWL	BLACKBURNIAN WARBLER
MALLAW MIRED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  MIST-HINGED MEDICALE  MEDIC-HINGED MEDICALE  MORTHERN HEROSTATI  MORTHER	MOOD DUCK	COMMON NIGHTHAWK	YELLOW-THROATED WARBLER
MALLAW MIRED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  CHINNEY STATE  CHINNEY STATE  MEDIC-HINGED TEAL  MIST-HINGED MEDICALE  MEDIC-HINGED MEDICALE  MORTHERN HEROSTATI  MORTHER	AMERICAN BLACK DUCK	CHUCK-WILL'S-WIDOW	PINE WARBLER
RECEIVED TO THE STATE OF THE ST	MALLARD	WHIP-POOR-WILL	PRAIRIE WARBLER
AMARTICAL VIGEON  RUST-INSTO. RUMN MOSIBO  BELTER KINDFISHER  BETTER KINDFISHER  BELTER KINDFISHER  BELTER KINDFISHER  BETTER KINDFISHER  BARK VALUTURE  BASEASTED WERGANSER  MORTHERN FILICKER  UONNEASTED WOODPECKER  BACADIAN FLOATCHER  BACADIAN FLOATCHER  BACADIAN FLOATCHER  COMMON MERCANSER  MORTHERN FILICKER  UONNEASTED  WORNEASTED WARREN  BACADIAN FLOATCHER  COMMON WELLOWINGE  BACADIAN FLOATCHER  COMMON WELLOWINGE  BACADIAN FLOATCHER  COMMON WELLOWINGE  BACADIAN FLOATCHER  COMMON WELLOWINGE  BASEAN WARREN  BACADIAN FLOATCHER  COMMON WELLOWINGE  COMPEN S MANK  MOSHED MANK  BASEAN WARREN  BASEA	BLUE-WINGED TEAL	CHIMNEY SWIFT	PALM WARBLER
MERITAM DILLON  GREATER SCAUP  RED-HEADED MOODPECKER  RED-HEADED MOODPECKER  RED-HEADED MOODPECKER  RED-HEADED MOODPECKER  RED-HEADED MOODPECKER  RED-HEADED MOODPECKER  AMERICAM REDSTART  BLACK VULTURE  COMMON MECLANSER  MOOTHER MARKET  COMMON MECLAUSIAN AMERICAM  MORTHER MARKETER  COMMON MECLAUSIAN AMERICAM  MORTHER MARKETER  COMMON MECLAUSIAN AMERICAM  MORTHER MARKETER  MILSON SAABLER  COMMON MECLAUSIAN AMERICAM  MORTHER MARKETER  MILSON SAABLER  COMMON MECLAUSIAN AMERICAM  MORTHER MARKETER  MILSON SAABLER	GADWALL	RUBY-THRTD. HUMMINGBIRD	BAY-BREASTED WARRIED
GREATER SCAUP  RED-HRADED MODOPECKER  LESSER SCAUP  RED-BELLED MODOPECKER  BLYFLEHAD  YEL-SELLIED MODOPECKER  BLYFLEHAD  YEL-SELLIED MODOPECKER  BLYFLEHAD  YEL-SELLIED MODOPECKER  MORH-RATING  MORHER MODER  HOODED MERGANSER  HOOVED MERGANSER  HOO	AMERICAN WIGEON	BELTED KINGFISHER	BLACKPOLL WARRIER
LESSER SLAUP  RED-SELLIED SAPSUKER  DEFENDERATION  RED-SELLIED SAPSUKER  AMERICAN REDISTART  PROFESSION  MERCANSER  AMERICAN REDISTART  DAVID DUCK  PILLATED MODOPECKER  MODITORICAR  RUDDY DUCK  PILLATED MODOPECKER  MODITORICAR  MOD	GREATER SCAUP	RED-HEADED MOODPECKER	CERCII FAN LIADRI ED
REPLEAD REGISTER  THE SHELLED SAPSULEN  AMERICAN RESTART  DOUM MOCOPECKER  PROTHONOTARY MARBLER  MORN HEARD ELECTER  LOUIS IANA MATERTHRUSH  LOUIS IANA MATERT IANA MATERTHRUSH  LOUIS IANA MATERT IANA  ANA MATERT IANA MATERT IANA  ANA MATERT IANA  ANA MATERT IANA  AN	LESSER SCAUP	RED-BELLIED MOODPECKED	BIACK & DUITE DADDIED
RUDUY DUCK  PILEATED MODOPECKER  NORTHERN MATERITHRUSH  LORGEY VULTURE  ACADIAN FLYCATCHER  COMMON FLOW HIROAT  ACADIAN FLYCATCHER  ACADIAN FLYCATCHER  COMMON FLOW HIROAT  BALD E AGAL [ Bad/ im/unk] / EASTERN MODO PLEE  LEAST FLYCATCHER  COMMON FLOW HIROAT  MOTHERN MARRIER  GREAT CRESTED FLYCATCHER  MODOED WARBLER  MORELIAN  SUMMER TAMAGER  ROSS-BREASTED CROSSEAK  MORELIAN  ROSS-BREASTED CROSSEAK  MORELIAN  ROSS-BREASTED CROSSEAK  MILD TUKKEY  MARBLECAN KESTREL  BANK SUALLOU  ROSS-BREASTED CROSSEAK  MILD TUKKEY  MARBLECAN CROW  FILEATED WARBLER  MILD TUKKEY  MARBLECAN  CLIFF SVALLOW  ROSS-BREASTED CROSSEAK  MILD TUKKEY  MARBLECAN CROW  FILEATED WARBLER  MILD TUKKEY  MARBLECAN  COMPON FILEATED WARBLER  MILD TUKKEY  MARBLECAN  COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILEATED WARBLER  MILD TUKKEY  BROWN CREEPER  MARBLECAN COMPON FILEATED WARBLER  MARBLECAN COMPON FILOATED  MODOED WARBLER  MODOED WARBLER  MODOED WARBLER  MOD	RUFFLEHFAD	YEL -RELITED SADSHOVED	AMEDICAN DEDCTART
RUDUY DUCK    PILEATED MODOPECKER   MORTHERN WATERTHRUSH	HOODED MERCANSED	DOUNY HOUDDECKED	DECTHONOTARY MARRIES
RUDUY DUCK    PILEATED MODOPECKER   MORTHERN WATERTHRUSH	COMMON MEDCANCED	HAIRY HOODSECRES	PRUTHUNUTART WARBLER
RUDUY DUCK    PILEATED MODOPECKER   MORTHERN WATERTHRUSH	DED-DDEASTED MEDICALISED	MODIFIED ELICYTO	WURM-EATING WARBLER
DEADLY OUTURE  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  COMMON VELLOWINGTON  FLOOR FUTCHCHER  COMMON VELLOWINGTON  COSTAGE  CORT CRESTED FUTCHCHER  COMMON VELLOWINGTON  CORT CRESTED FUTCHCHER  COMMON CRESTED FUTCHCHER  COM	KED-BREASTED MERGANSEK	NORTHERN FLICKER	OVENBIRD
DEADLY OUTURE  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  CARDIAN FUTCHCHER  COMMON VELLOWINGTON  FLOOR FUTCHCHER  COMMON VELLOWINGTON  COSTAGE  CORT CRESTED FUTCHCHER  COMMON VELLOWINGTON  CORT CRESTED FUTCHCHER  COMMON CRESTED FUTCHCHER  COM	RUDDY BUCK	PILEATED WOODPECKER	NORTHERN WATERTHRUSH
IDIREY VULTURE  ACADIAN TECATCHER  BALD EAGLE [ad/im/unk] / EASTERN PHOSEE  BALD EAGLE [ad/im/unk] / EASTERN PHOSEE  BALD EAGLE [ad/im/unk] / EASTERN PHOSEE  WILSON'S WARBLER  WILSON'S WARBLER  COOPER'S HANK  HORNED LARK  PURPLE MARTIN  SUMMER TANAGER  RED-SHOWLED HANK  RED-SHOWLED HANK  RED-SHOWLED HANK  RED-SHOWLED HANK  RED-TAILED HANK  MERITAN ESTREL  BANK SWALLOW  RUDIOUS-SIDED TOWHEE  MILD TURKEY  AMERICAN CROW  CAMPER RAIL  CROW SP.  VESPER SPARROW  MORTHERN BOS-WHITE  FISH CROW  FIELD SPARROW  MILD TURKEY  AMERICAN CROW  FIELD SPARROW  MORTHERN BOS-WHITE  FISH CROW  FIELD SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  GAANANNAN SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  GAANANNAN SPARROW  WHITE-TREASTED NUTHATCH  SONG SPARROW  MERICAN COOT  BROWN-HEADED  MORTHERN HANGER  MILD TURKEY  AMERICAN COOT  BROWN-HEADED  MORTHERN HANGER  MILD TURKEY  AMERICAN COOT  BROWN-HEADED  MORTHERN CARDINARY  MILD TURKEY  CAROLINA WERE  MILTE-TREASTED NUTHATCH  SONG SPARROW  MILTE-TREASTED NUTHATCH  SONG SPARROW  MILTE-TREASTED SPARROW  MILTE-	BLACK VULTURE	EASIERN WOOD PEWEE	LOUISIANA WATEKIRKUSH
USPREY  LEAST FLYCATCHER  COMMON YELLOUTHROAT  HORDER  HORDER HARRIER  GREAT CRESTED FLYCATCHER  GREAT CRESTED FLYCATCHER  HILSON'S WARRLER  GREAT CRESTED FLYCATCHER  HILSON'S WARRLER  COOPER'S HANK  HORNED LARK  YELLOW-BREASTED CHATY  SCARLET TANAGER  BROAD-HINGED HANK  TREE SWALLOW  BROAD-HINGED HANK  TREE SWALLOW  ROSE-BREASTED GROSSEAK  HERLIN  CLIFF SWALLOW  BROAD-HINGED HANK  TREE SWALLOW  ROSE-BREASTED GROSSEAK  HERLIN  CLIFF SWALLOW  BROAD-HINGED HANK  TREE SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURKEY  BANK SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURKEY  BANK SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURKEY  MILD TURKEY  AMERICAN CROW  FIRST SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURKEY  MILD TURKEY  AMERICAN CROW  FIRST SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURKEY  MILD TURKEY  AMERICAN CROW  FIRST SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURS-DIED TOWERE  WILD TURKEY  AMERICAN CROW  FIRST SWALLOW  ROSE-BREASTED GROSSEAK  HILDOURS-DIED TOWERE  WILD GROSSEAK  HILDOURS-DIED TOWERE  WILD GROSSEAK  HILDOURS-DIED TOWERE  ROSE-BREASTED HOUSES-SARROW  CHIPPING SPARROW  CHIPPING SPARROW  CHIPPING SPARROW  CHIPPING SPARROW  WESPER S	TURKEY VULTURE	ACADIAN FLYCATCHER	KENTUCKY WARBLER
MADE FAULE (BO) / IM/ UNIX / EASTERN PHOESE HOOSE NARBLER   MOISTHERN HARRIER   GREAT CRESTED FLYCATCHER   MULSON'S WARBLER   SHARP-SHYNNED HANK   HORNED LARK   YELLOW-BREASTED CHIAT   SHARP SHYNNED HANK   HORNED LARK   YELLOW-BREASTED CHIAT   SHARP SHYNNED HANK   HORNED LARK   YELLOW-BREASTED CHIAT   SHARP SHYNNED HANK   HORNED LARK   YELLOW-BREASTED CHIAT   SHARP SHARP SHARP   SHALP SH	OSPREY	LEAST FLYCATCHER	COMMON YELLOWTHROAT
COOPER'S MANK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HANK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HANK N. ROUGH-HINGED SVALLOW ROSE-BREASTED GROSBEAK MERCIAN KESTREL BANK SVALLOW ROSE-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW BLUE GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RINGTED GROUSE BLUE JAY RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSH-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RINGTED GROUSE BLUE JAY RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSE-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSE-BREASTED GROSBEAK RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW FILED SPARROW CHIPPING SPARROW CHIPPING SPARROW CHIPPING SPARROW VESPER SPARROW WHITE-TROATES SPARROW WHITE-TROATES SPARROW WHITE-CROWNED SHARD VESPER SPARROW WHITE-CROWNED	BALD EAGLE [ad/im/unk]/	EASTERN PHOEBE	WOODED LIADRIED
COOPER'S MANK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HANK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HANK N. ROUGH-HINGED SVALLOW ROSE-BREASTED GROSBEAK MERCIAN KESTREL BANK SVALLOW ROSE-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW BLUE GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RINGTED GROUSE BLUE JAY RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSH-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RINGTED GROUSE BLUE JAY RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSE-BREASTED GROSBEAK RING-NECKED PHEASANT BARN SVALLOW RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW ROSE-BREASTED GROSBEAK RUFUS-SIDED TOWHEE HILD TURKEY AMERICAN CROW FILED SPARROW CHIPPING SPARROW CHIPPING SPARROW CHIPPING SPARROW VESPER SPARROW WHITE-TROATES SPARROW WHITE-TROATES SPARROW WHITE-CROWNED SHARD VESPER SPARROW WHITE-CROWNED	NORTHERN HARRIER	GREAT CRESTED FLYCATCHER	WILSON'S WARBLER
COOPER'S MANK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HAWK PURPLE MARTIN SUMMER TANAGER BROAD-HINGED HAWK N. ROUGH-HINGED SVALLOW ROSE-BREASTED GROSBEAK MERCIAN KESTREL BANK SWALLOW RESINE BLUE GROSEAK RING-NECKED PHEASANT BARN SWALLOW RING-NECKED PHEASANT BARN SWALLOW RING-NECKED PHEASANT BARN SWALLOW RING-NECKED PHEASANT BLUE JAY RUFUSS-SIDED TOMBEE HILD TURKEY AMERICAN CROW ROSH-BREASTED GROSBEAK RING-NECKED PHEASANT BLUE JAY RUFUSS-SIDED TOMBEE HILD TURKEY AMERICAN CROW ROCKINER BOB-WHITE FISH CROW RORTHERN BOB-WHITE FISH CROW FISH CROW FISH CROW RORTHERN BOB-WHITE FISH CROW FISH CROW RORTHERN BOB-WHITE FISH CROW	SHARP-SHINNED HANK	EASTERN KINGBIRD	ONIADA WARREST AND WARREST AND THE STATE OF
RED-SHOULDERED HAWK  PURPLE MARTIN  SUMMER TANAGER  SCARLET TANAGER  RED-TAILED HAWK  N. ROUGH-WINGED SUALLOW  NORTHERN CARDINAL  MAERICAN KESTREL  BANK SUALLOW  RISTER SEASTED GROSBEAK  RELIN  CLIFF SVALLOW  RIDGOSSEAK  RELIN  RUFFED GROUSE  BLUE JAY  RUGOUS-SIDED TOWHEE  VILD TURKEY  MARRICAN CROW  NORTHERN BOB-WHITE  FISH CROW  NORTHERN BOB-WHITE  FISH CROW  RIDGOSSEAK  RILL  ROW SP  VESPER SPARROW  VESPER S	LUUPER'S HAWR	HORNED LARK	YELLOW-BREASTED_CHAT
BROAD-MINGED HAWK  TREE SHALLOW  NORTHERN CARDINAL  AMERICAN KESTREL  BANK SHALLOW  ROSE-BREASTED GROSBEAK  RING-NECKED PHEASANT  BANK SHALLOW  INDIGG BUNTING  RUFURD-SIDED TOWHEE  HILD TURKEY  AMERICAN CROW  CHIPPING SPARROW  VESPER SPARROW  CHIPPIOT WESPER  VESPER SPARROW  VESPER	RED-SHOULDERED HAWK	PURPLE MARTIN	SUMMER TANAGER
RED-TAILED HAWK  N. ROUGH-WINGED SVALLOW  ROSE-BREASTED GROSBEAK  MERLIAN  RETLAN CELIF SVALLOW  RIGHERORY BLUE GROSBEAK  RIGHECKED PHEASANT  RUFFED GROUSE  RIGHECKED PHEASANT  BLUE JAY  RUFFED GROUSE  RUFOUS-SIDED TOWHEE  RILD JAY  RUFOUS-SIDED TOWHEE  RUFOUS-SIDED  RUFOUS-	BROAD-WINGED HAWK	TREE SWALLOW	SCARLET TANAGER
MERLIN RING-NECKED PHEASANT BARN SHALLOW INDIGG BUNTING RUFFED GROUSE BLUE JAY RUFOUS-SIDED TOWHEE RILD TURKEY AMERICAN CROW NCRTHERN BOB-WHITE FISH CROW CHIPPING SPARROW RILD TURKEY RICHARD ROBINITE FISH CROW RICHARD ROBINITE FISH CROW FIELD SPARROW RICHAPPER RAIL CAROLINA CHICKADEE SAVANNAH SPARROW RIGHTHA RAIL CAROLINA CHICKADEE GRASSHOPPER SPARROW COMMON MORRIEN WHITE-BREASTED NUTHATCH SCASIDE SPARROW MAREICAN COOT BROWN-HEADED NUTHATCH SONG SPARROW BLACK-BELLIED PLOVER BROWN CREEPER SEMPLAMENTED PLOVER RILLEER RICHARDED NUTHATCH SONG SPARROW MHITE-TRROATED SPARROW MHITE-TRROATED SPARROW MHITE-CROWNED SPARROW MILLE SPARROW M	RED-TAILED HAWK	N. ROUGH-WINGED SWALLOW	NORTHERN CARDINAL
MERLIN RING-NECKED PHEASANT BARN SHALLOW INDIGG BUNTING RUFFED GROUSE BLUE JAY RUFOUS-SIDED TOWHEE RILD TURKEY AMERICAN CROW NCRTHERN BOB-WHITE FISH CROW CHIPPING SPARROW RILD TURKEY RICHARD ROBINITE FISH CROW RICHARD ROBINITE FISH CROW FIELD SPARROW RICHAPPER RAIL CAROLINA CHICKADEE SAVANNAH SPARROW RIGHTHA RAIL CAROLINA CHICKADEE GRASSHOPPER SPARROW COMMON MORRIEN WHITE-BREASTED NUTHATCH SCASIDE SPARROW MAREICAN COOT BROWN-HEADED NUTHATCH SONG SPARROW BLACK-BELLIED PLOVER BROWN CREEPER SEMPLAMENTED PLOVER RILLEER RICHARDED NUTHATCH SONG SPARROW MHITE-TRROATED SPARROW MHITE-TRROATED SPARROW MHITE-CROWNED SPARROW MILLE SPARROW M	AMERICAN KESTREL	BANK SWALLOW	ROSE-BREASTED GROSBEAK
RUFEED GROUSE  BLUE JAY  AMERICAN CROW  CHIPPING SPARROW  CLAPPER RAIL  CROW SP.  VESPER SPARROW  VESPER SPARROW  VIRGINIA RAIL  BLACK-CAPPED CHICKADEE  SAVANNAN SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  GRASSHOPPER SPARROW  COMMON MOORNEN  HITTE-BREASTED NUTHATCH  SCASIBLE SPARROW  MITTE-BREASTED NUTHATCH  SCASIBLE SPARROW  MITTE-TRROATED SPARROW  SEMIPALMATED PLOVER  BROWN-HEADED NUTHATCH  SCHIPPING SPARROW  MATTE-TRROATED SPARROW  MATTE-TRROATED SPARROW  MITTE-TRROATED SPARROW  MITTER-TRROATED SPARROW  MITTER-TRRO	MERLIN	CLIFF SWALLOW	RI UF GROSRFAK
RUFEED GROUSE  BLUE JAY  MARRICAN CROW  CHIPPING SPARROW  CLAPPER RAIL  CROW SP.  VESPER SPARROW  VESPER SPARROW  VESPER SPARROW  VIRGINIA RAIL  BLACK-CAPPED CHICKADEE  SAVANNAN SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  SHARP-TAILED SPARROW  MITTE-BREASTED NUTHATCH  SCASIONE SHARPOW  BLACK-GAPED NUTHATCH  SCASIONE SPARROW  MITTE-BREASTED NUTHATCH  SONG SPARROW  MITTE-BREASTED NUTHATCH  SONG SPARROW  MITTE-TROATED SPARROW  SEMIPALMATED PLOVER  BROWN CREEPER  MARSH WREN  MITTE-TROATED SPARROW  MITTE-	RING-NECKED PHEASANT	RAPH SHALLOW	INDICO BUNTING
MICT JORNET  AMERICAN KOW  INCRTHEN BOB-WHITE  FISH CROW  FIELD SPARROW  VESPER SPARROW  KING RAIL  BLACK-CAPPED CHICKADEE  SAVANNAN SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  SAVANNAN SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  SAVANNAN SPARROW  COMMON MOORHEN  MITTED TITIMOUSE  SHAPP-TAILED SPARROW  COMMON MOORHEN  MITTED BROWN -HEADED NUTHATCH  SONG SPARROW  SONG SPARROW  SENIPALMATED PLOVER  SENIPALMATED PLOVER  CAROLINA WREN  MITTE-THROATED SPARROW  MITTE-THROATED  MITTED THROATED  MITTED T	PHEED GROUSE	DILIE IAV	DIEGUS-SIDED TOUDES
LLAPPER KAIL  KING RAIL  BLACK-CAPPED CHICKADEE  SAVANNAH SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  GRASSHOPPER SPARROW  COMMON MOORHEN  MHITE-BREASTED NUTHATCH  SEASIDE SPARROW  MHITE-BREASTED NUTHATCH  SONG SPARROW  SEMIPALMATED PLOVER  BROWN-HEADED NUTHATCH  SONG SPARROW  SEMIPALMATED PLOVER  CAROLINA WREN  WHITE-THROATED SPARROW  SEMIPALMATED PLOVER  CAROLINA WREN  WHITE-THROATED SPARROW  MILLEER  HOUSE WREN  MARSICAN OYSTERCATCHER  MASSH WEN  MARSICAN OYSTERCATCHER  MASSH WEN  MASSH WEN  DARK-EYED JUNCO  GREATER YELLOWLEGS  RUBY-CROWNED KINGLET  BOBOLINK  LESSER YELLOWLEGS  BLUE-GRAY GNATCATCHER  RED-MINGED BLACKBIRD  SOLITARY SANDPIPER  EASTERN BLUEBIRD  EASTERN BLUEBIRD  EASTERN MEADOWLARK  WILLET  VEERY  RUBY-CHEEKED THRUSH  GRAY-CHEEKED THRUSH  BROWN-HEADED COMBIRD  SANDERLING  WOOD THRUSH  BROWN-HEADED COMBIRD  SANDERLING  WOOD THRUSH  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  SEMIPALMATED SANDPIPER  AMERICAN ROSIN  BROWN THRASHER  MARSICAN ROSIN  BROWN THRASHER  MARSICAN BORIN  BROWN THRASHER  MARSICAN BORIN  BROWN THRASHER  MARSICAN GORIN  BROWN THRASHER  MARSICAN GORING  WITTE-TIN SPECIES ON BACK! Many  MARSICAN GORING  MARSICAN GORING  MARSICAN GORING  WITTE-TIN SPECIES ON BACK! Many  MARSICAN GORING  MARSICAN GO	MILD THEKEY	AMEDICAN COOL	CHIDDING SDARROU
LLAPPER KAIL  KING RAIL  BLACK-CAPPED CHICKADEE  SAVANNAH SPARROW  VIRGINIA RAIL  CAROLINA CHICKADEE  GRASSHOPPER SPARROW  COMMON MOORHEN  MHITE-BREASTED NUTHATCH  SEASIDE SPARROW  MHITE-BREASTED NUTHATCH  SONG SPARROW  SEMIPALMATED PLOVER  BROWN-HEADED NUTHATCH  SONG SPARROW  SEMIPALMATED PLOVER  CAROLINA WREN  WHITE-THROATED SPARROW  SEMIPALMATED PLOVER  CAROLINA WREN  WHITE-THROATED SPARROW  MILLEER  HOUSE WREN  MARSICAN OYSTERCATCHER  MASSH WEN  MARSICAN OYSTERCATCHER  MASSH WEN  MASSH WEN  DARK-EYED JUNCO  GREATER YELLOWLEGS  RUBY-CROWNED KINGLET  BOBOLINK  LESSER YELLOWLEGS  BLUE-GRAY GNATCATCHER  RED-MINGED BLACKBIRD  SOLITARY SANDPIPER  EASTERN BLUEBIRD  EASTERN BLUEBIRD  EASTERN MEADOWLARK  WILLET  VEERY  RUBY-CHEEKED THRUSH  GRAY-CHEEKED THRUSH  BROWN-HEADED COMBIRD  SANDERLING  WOOD THRUSH  BROWN-HEADED COMBIRD  SANDERLING  WOOD THRUSH  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  SEMIPALMATED SANDPIPER  AMERICAN ROSIN  BROWN THRASHER  MARSICAN ROSIN  BROWN THRASHER  MARSICAN BORIN  BROWN THRASHER  MARSICAN BORIN  BROWN THRASHER  MARSICAN GORIN  BROWN THRASHER  MARSICAN GORING  WITTE-TIN SPECIES ON BACK! Many  MARSICAN GORING  MARSICAN GORING  MARSICAN GORING  WITTE-TIN SPECIES ON BACK! Many  MARSICAN GORING  MARSICAN GO	NCDTHERN POR-UNITE	FICH CROIL	ELEID CDARROW
CAROLINA CHICKADEE GRASSHOPPER SPARROW  SORA TUFTED TITMOUSE SHARP-TAILED SPARROW  MHITE-BREASTED HUTHATCH SEASIDE SPARROW  MERICAN COOT  BROWN-HEADED NUTHATCH SONG SPARROW  SEMIPALMATED PLOVER SUMMS SPARROW  SEMIPALMATED PLOVER CAROLINA WEN WHITE-THROATED SPARROW  MHITE-TROATED SPARROW  SEMIPALMATED PLOVER CAROLINA WEN WHITE-CROWNED SPARROW  MHITE-CROWNED SPARROW  MHITE-TROATED SPARROW  MHITE-TROATED SPARROW  MHITE-TROATED SPARROW  MHITE-TROATED SPARROW  MHITE-TROATED SPARROW  MHITE-TROATED SPARROW  MITE-TROATED SPARROW  MITE-TROATED SPARROW  MITE-TROATED SPARROW  MITE-TROATED SPARROW  MITE-TROATED SPARROW  MOORD TROATED  MOORD TROATED  MATERICAN MOORD TROATED  MATERICAN MOORD MACKLE  MATERICAN MOORD MACKLE  MILES STATEM MEADALD COMBINED  MOORD MACKLE  MILES STATEM MEADALD COMBINED  MOORD MACKLE  MILES STATEM MEADALD COMBINED  MOORD MACKLE  MILES MACKLE  MACKLE  MILES MACKLE  MILES MACKLE  MACKLE  MILES MACKLE  MACKLE  MILES MACKLE  MACKLE  MILES MACKLE  MA	CIADDED DATI	CBOU CD	VECDED CDADDOUL
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AMERICAN COOT  AMERICAN COOT  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  SWAMP SPARROW  WHITE-THROATED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WH	VIRGINIA RAIL	CAROLINA CHICKADEE	GRASSHOPPER SPARROW
AMERICAN COOT  AMERICAN COOT  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  SWAMP SPARROW  WHITE-THROATED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WH	SORA	TUFTED TITMOUSE	SHARP-TAILED SPARROW
AMERICAN COOT  AMERICAN COOT  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  BROWN CREEPER  SWAMP SPARROW  WHITE-THROATED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WOON THRUSH  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SPARROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WHITE-CROWNED SHAROW  WH	COMMON MOORHEN	WHITE-BREASTED NUTHATCH	SEASIDE SPARROW
KILLDEER  MERICAN OYSTERCATCHER  MARSH WREN  MARSH WREN  DARK-EYED JUNCO  GREATER YELLOWLEGS  RUBY-CROWNED KINGLET  BOBDLINK  LESSER YELLOWLEGS  BLUE-GRAY GNATCATCHER  RED-WINGED BLACKBIRD  EASTERN MEADOWLARK  WILLET  SPOTTED SANDPIPER  GRAY-CHEEKED THRUSH  SPOTTED SANDPIPER  SWAINSON'S THRUSH  COMMON GRACKLE  RUPLAND SANDPIPER  SANDRELING  SANDRELING  WOOD THRUSH  GRAY-CATBIRD  DORCHARD ORIOLE  SEMIPALMATED SANDPIPER  GRAY CATBIRD  WOOT THRUSH  DUNLIN  BROWN THRASHER  MORTHERN MOCKINGBIRD  DUNLIN  BROWN THRASHER  MARSICAN GOLDFINCH  WATER PIPIT  COMMON SIPE  CEDAR WAXWING  MILES ON FOOT:  HOUSE SPAROW  COMMON SNIPE  CEDAR WAXWING  MILES ON FOOT:  Weather:  Time Stop:  Hours on Foot:  Hiles on Foot:  Weather:  Temp. %Clouds Wind* Pr Moord Feder Watching:  Noon  Hours Feder Watching:  Noon  MOOD  MILES OTHER:  MARSICAN COMMON  MILES OTHER:  MARSICAN COMMON  MILES OTHER:  MOOD  MOOD  MOOD  MOOD  MILES OTHER  MILES OTHER  MOOD  MOO	AMERICAN COOT	BROWN-HEADED NUTHATCH	SONG SPARROW
KILLDEER  MERICAN OYSTERCATCHER  MARSH WREN  MARSH WREN  DARK-EYED JUNCO  GREATER YELLOWLEGS  RUBY-CROWNED KINGLET  BOBDLINK  LESSER YELLOWLEGS  BLUE-GRAY GNATCATCHER  RED-WINGED BLACKBIRD  EASTERN MEADOWLARK  WILLET  VERY  SPOTTED SANDPIPER  GRAY-CHEEKED THRUSH  SOANDPIPER  SUALINSON'S THRUSH  COMMON GRACKLE  RUPLAND SANDPIPER  MOOD THRUSH  SANDERLING  SEMIPALMATED SANDPIPER  GRAY CATBIRD  LEAST SANDPIPER  GRAY CATBIRD  DUNLIN  BROWN THRASHER  MORTHERN MOCKINGBIRD  DUNCH  BROWN THRASHER  MARSICAN GOBIN  BROWN THRASHER  MORTHERN MOCKINGBIRD  DUNLIN  BROWN THRASHER  MARSICAN GOBIN  BROWN THRASHER  MARSICAN GOLDFINCH  HOUSE FINCH  DUNLIN  BROWN THRASHER  MARSICAN GOLDFINCH  MATER PIPIT  HOUSE SPAROW  COMMON SNIPE  CEDAR WAXWING  MILES ON FOOT:  Time Start: Hours on Foot:  Hours by Boat:  Hours by Boat:  Hours feeder Watching:  Miles other:  Miles other:  Miles other:  Miles other:  MAM  MOOD  DAM  MOOD  MOO	BLACK-BELLIED PLOVER	BROWN CREEPER	SWAMP SPARROW
KILLDEER HOUSE WREN WHITE-CROWNED SPARROW AMERICAN OYSTERCATCHER MARSH WREN DARK-EYED JUNCO GREATER YELLOWLEGS RUBY-CROWNED KINGLET BOBOLINK LESSER YELLOWLEGS BLUE-GRAY GMATCATCHER RED-WINGED BLACKBIRD SOLITARY SANDPIPER EASTERN BLUEBIRD EASTERN MEADOWLARK WILLET VEERY RUSTY BLACKBIRD SOLITARY SANDPIPER GRAY-CHEEKED THRUSH BOAT-TAILED GRACKLE UPLAND SANDPIPER SWAINSON'S THRUSH COMMON GRACKLE UPLAND SANDPIPER SHAINSON'S THRUSH COMMON GRACKLE BROUDY TURNSTONE HERMIT THRUSH BROWN-HEADED COWBIRD SANDERLING WOOD THRUSH ORCHARD ORIOLE SEMIPALMATED SANDPIPER AMERICAN ROBIN BALTIMORE ORIOLE LEAST SANDPIPER GRAY CATBIRD PURPLE FINCH PECTORAL SANDPIPER NORTHERN MOCKINGBIRD HOUSE FINCH PECTORAL SANDPIPER WATER PIPIT HOUSE SPARROW COMMON SNIPE CEDAR WAXWING Write-in species on Back! Many AMERICAN WOODCOCK EUROPEAN STARLING DETAILS!  Time Start: Hours on foot: Miles on foot: Weather: Temp. %Clouds Wind* Proper Hours by Boat: Miles by Boat: Dawn Hours feeder Watching: Noon PM	SEMIPALMATED PLOVER	CAROLINA WREN	WHITE-THROATED SPARROW
GREATER YELLOWLEGS  BLUE-GRAY GNATCATCHER  SOLITARY SANDPIPER  WILLET  VEERY  WILLET  SPOTTED SANDPIPER  WILLET  SPOTTED SANDPIPER  WULAND SANDPIPER  WOLDY TURNSTONE  SANDRIPER  SEMINSON'S THRUSH  WOOD THRUSH  SANDRIPER  GRAY CATBIRD  GRAY CATBIRD  DUNLIN  BROWN-HEADED COWBIRD  DUNLIN  BROWN THRASHER  DUNLIN  SHORT-BILLED DOWITCHER  COMMON GRACKLE  WOOD THRUSH  MATER PIPIT  COMMON SANDPIPER  WOOD THRUSH  BROWN THRASHER  BROWN THRASHER  MAERICAN GOLDFINCH  BROWN THRASHER  MAERICAN GOLDFINCH  COMMON SNIPE  CEDAR MAXWING  Write-in species on Back! Many  Merican Goldfinch  Time Start: Hours on Foot:  Time Start: Hours on Foot:  Miles on Foot:  Weather:  Time Stop: Hours by Boat:  Hours other:  Hours Feeder Watching:  Miles other:  Miles o	KILLDEER	HOUSE WREN	WHITE-CROWNED SPARROW
GREATER YELLOWLEGS  BLUE-GRAY GNATCATCHER  SOLITARY SANDPIPER  WILLET  VEERY  WILLET  SPOTTED SANDPIPER  WILLET  SPOTTED SANDPIPER  WULAND SANDPIPER  WOLDY TURNSTONE  SANDRIPER  SEMINSON'S THRUSH  WOOD THRUSH  SANDRIPER  GRAY CATBIRD  GRAY CATBIRD  DUNLIN  BROWN-HEADED COWBIRD  DUNLIN  BROWN THRASHER  DUNLIN  SHORT-BILLED DOWITCHER  COMMON GRACKLE  WOOD THRUSH  MATER PIPIT  COMMON SANDPIPER  WOOD THRUSH  BROWN THRASHER  BROWN THRASHER  MAERICAN GOLDFINCH  BROWN THRASHER  MAERICAN GOLDFINCH  COMMON SNIPE  CEDAR MAXWING  Write-in species on Back! Many  Merican Goldfinch  Time Start: Hours on Foot:  Time Start: Hours on Foot:  Miles on Foot:  Weather:  Time Stop: Hours by Boat:  Hours other:  Hours Feeder Watching:  Miles other:  Miles o	AMERICAN OYSTERCATCHER	MARSH WREN	DARK-EYED JUNCO
SOLITARY SANDPIPER  WILLET  SPOTTED SANDPIPER  SPOTTED SANDPIPER  UPLAND SANDPIPER  UPLAND SANDPIPER  WOOD TURNSTONE  SANDERLING  SANDERLING  SEMIPALMATED SANDPIPER  GRAY CATBIRD  MOOD TRUSH  LEAST SANDPIPER  GRAY CATBIRD  PECTORAL SANDPIPER  UNCHARD ORIOLE  SHOWN HERMIT THRUSH  MORTHERN MOCKINGBIRD  DUNLIN  BROWN THRASHER  MORTHERN MOCKINGBIRD  DUNLIN  BROWN THRASHER  MATER PIPIT  COMMON SNIPE  AMERICAN GOLDFINCH  AMERICAN GOLDFINCH  AMERICAN GOLDFINCH  MATER PIPIT  COMMON SNIPE  AMERICAN MOODCOCK  Time Start: Hours on Foot:  Hours by Boat:  Hours by Boat:  Hours feeder Watching:  Hours Feeder Watching:  Hours Feeder Watching:  Hours Feeder Watching:  MILES OTHERS  NOON  MILES OTHERS  MOOD  MOOD  MILES OTHERS  MOOD  M	GREATER YELLOWLEGS	RUBY-CROWNED KINGLET	BOBOLINK
SOLITARY SANDPIPER	LESSER YELLOWLEGS	BLUE-GRAY GNATCATCHER	RED-WINGED BLACKBIRD
WILLET VEERY GRAY-CHEEKED THRUSH BOAT-TAILED GRACKLE UPLAND SANDPIPER SUAINSON'S THRUSH COMMON GRACKLE RUDDY TURNSTONE HERMIT THRUSH SANDERLING WOOD THRUSH ORCHARD ORIOLE SEMIPALMATED SANDPIPER GRAY CATBIRD PECTORAL SANDPIPER HOUSE FINCH DUNLIN BROWN THRASHER MATER PIPIT HOUSE SPARROW COMMON SNIPE COMMON SNIPE COMMON SNIPE COMMON SNIPE CEDAR WAXWING EUROPEAN STARLING DETAILS!  Time Start: Hours on Foot: Time Stop: Hours by Car: Hours by Boat: Hours feeder Watching:  Miles other: Miles other: Miles other: Miles other: Moon PM  Hours Feeder Watching:  Moon PM  Hours Moon PM  Hours Monitored  Moon Moon Moon Moon Moon Moon Moon Mo	SOLITARY SANDPIPER	EASTERN BLUEBIRD	EASTERN MEADOWLARK
UPLAND SANDPIPER SWAINSON'S THRUSH COMMON GRACKLE RUDDY TURNSTONE HERMIT THRUSH BROWN-HEADED COWBIRD SANDERLING WOOD THRUSH ORCHARD ORIOLE SEMIPALMATED SANDPIPER AMERICAN ROBIN BALTIMORE ORIOLE LEAST SANDPIPER GRAY CATBIRD PURPLE FINCH PECTORAL SANDPIPER NORTHERN MOCKINGBIRD HOUSE FINCH SHORT-BILLED DOWITCHER BROWN THRASHER AMERICAN GOLDFINCH SHORT-BILLED DOWITCHER WATER PIPIT HOUSE SPARROW COMMON SNIPE CEDAR WAXWING Write-in species on Back! Many AMERICAN WOODCOCK EUROPEAN STARLING DETAILS!  Time Start: Hours on Foot: Miles on Foot: Weather: Time Stop: Hours by Car: Miles by Car: Temp. %Clouds Wind* Pr Hours other: Miles by Boat: Dawn Hours other: Miles other: AM Hours Feeder Watching:	UILIET	VEERY	RUSTY BLACKBIRD
UPLAND SANDPIPER SWAINSON'S THRUSH COMMON GRACKLE RUDDY TURNSTONE HERMIT THRUSH BROWN-HEADED COWBIRD SANDERLING WOOD THRUSH ORCHARD ORIOLE SEMIPALMATED SANDPIPER AMERICAN ROBIN BALTIMORE ORIOLE LEAST SANDPIPER GRAY CATBIRD PURPLE FINCH PECTORAL SANDPIPER NORTHERN MOCKINGBIRD HOUSE FINCH DUNLIN BROWN THRASHER AMERICAN GOLDFINCH SHORT-BILLED DOWITCHER WATER PIPIT HOUSE SPARROW COMMON SNIPE CEDAR WAXWING Write-in species on Back! Many AMERICAN WOODCOCK EUROPEAN STARLING DETAILS!  Time Start: Hours on Foot: Miles on Foot: Weather: Time Stop: Hours by Car: Miles by Car: Temp. %Clouds Wind* Pr Hours other: Miles by Boat: Dawn Hours other: Miles other: AM	SPOTTED SANDPIPER	GRAY-CHEEKED THRUSH	ROAT-TALLED CRACKLE
RUDDY TURNSTONE  SANDERLING  SANDERLING  SEMIPALMATED SANDPIPER  LEAST SANDPIPER  DUNLIN  BROWN THRESHER  MOCO THRUSH  GRAY CATBIRD  MORTHERN MOCKINGBIRD  HOUSE FINCH  BROWN THRASHER  MATER PIPIT  COMMON SNIPE  AMERICAN WOODCOCK  Time Start:  Hours on Foot:  Hours by Boat:  Hours other:  Hours Feeder Watching:  MILES OTHERS  MOCHARD ORIOLE  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  BROWN-HEADED COMBIRD  BROWN-HEADED COMBIRD  BROWN-HEADED COMBIRD  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  BROWN-HEADED COMBIRD  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  BRUTHON OR IOLE  BROWN-HEADED COMBIRD  ORCHARD ORIOLE  BRUTH  HOUSE FINCH  HOUSE FINCH  AMERICAN GOLDFINCH  HOUSE FINCH  AMERICAN GOLDFINCH  HOUSE FINCH  AMERICAN GOLDFINCH  ORCHARD ORICLE  BROWN-HEADED  ORCHARD ORICLE  BROWN THRASHER  AMERICAN GOLDFINCH  HOUSE FINCH  HOUSE FINCH  AMERICAN GOLDFINCH  ORCHARD ORICLE  BRUTH  HOUSE FINCH  AMERICAN GOLDFINCH  ORCHARD  ORCHAR	LIPLAND SANDTIPER	SUATINGON'S THRUSH	COMMON GRACKIE
SANDERLING WOOD THRUSH ORCHARD ORIOLE  SEMIPALMATED SANDPIPER AMERICAN ROBIN BALTIMORE ORIOLE  LEAST SANDPIPER GRAY CATBIRD PURPLE FINCH  PECTORAL SANDPIPER NORTHERN MOCKINGBIRD HOUSE FINCH  BROWN THRASHER AMERICAN GOLDFINCH  SHORT-BILLED DOWITCHER WATER PIPIT HOUSE SPARROW  COMMON SNIPE CEDAR WAXWING Write-in species on Back! Many  AMERICAN WOODCOCK EUROPEAN STARLING DETAILS!  Time Start: Hours on Foot: Miles on Foot: Weather:  Time Stop: Hours by Car: Miles by Car: Temp. %Clouds Wind* Properties of Miles of Company of Co	PUDDY TUDISTONE	HERMIT THRICH	RECUM-READED COURTED
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Nours "Out that":	Hours Feeder Watching:		Noon
Miles "Owling": *Speed and Direction (e.g. NW	Hours Feeder Watching:		PM

# 7TH MIDWINTER COUNT

February 1, 1992 - David Holmes & Joanne Solem, Co-Compilers

Well—the wind was howling. The owls surely weren't. The counters howled a bit—mostly about the wind. But the wind wasn't impossible. We reported wind speeds from 3 to 35 mph. The average was probably 12 to 18 (Beaufort 4) in the morning and 18 to 24 (Beaufort 5) in the afternoon with some higher gusts. There were still sheltered areas, and the temperatures were moderate (38° to 28° F from a max/min thermometer in the central western part of the county). Obviously a front had just passed, and we watched under clouds and snow showers in the morning and watched the clouds move out in the afternoon. Birds were there, but we had to work for them. We found a definite 89 species and 55,886 individuals for a truly middling count. From 1988 through 1992, our low species count has been 87 and the high 91. Our count of individuals is the highest except for 1989 and 1990 when we had over 60,000 black—birds each year. This year we had good numbers of crows and gulls, great geese, and middling blackbirds. Our party hour total is our second highest, but for the past four years, the low was 243 and the high was 268, so this is a fairly insignificant difference. The totally nifty occurrence this year is that the party hour totals for the Triadelphia Christmas Bird Count (TR CBC; Dec 21, 1991) and the Howard County Midwinter Count (HC MDW) differ only by 14; 256 for us and 242 for TR CBC. Since the weathers was somewhat similar for both counts (mostly changeable skies and a bit too much wind), this suggests that direct number comparisons could be meaningful. Some of them are surely fascinating! But let's look at some items of interest with—in our midwinter count data before we start serious cross—count comparisons.

We added two lines to our overall count list this year. The first was "buteo sp." which is important mostly for the Raptor Society information we are sending in. The single new species was American Coot, bringing our overall total of species ever seen to 104. Our 11 coots were scattered in three areas; the amount of open water that suggests also saved our total species number. Besides the coots, we found record high numbers of 13 water-dependent species; our two Pied-billed Grebes and single Gadwall tied previous highs. The grebes and Gadwall also joined the Wild Turkey and Brown Thrasher in appearing on our midwinter count for only the second time. There were no true rarities reported, although the Red-headed Woodpecker is not frequent in the county. As we all know, "winter finches" were scant, and Red-breasted Nuthatches didn't exist. Our worst miss had to be the Savannah Sparrows which Mark Wallace and David Holmes saw off Bushy Park Road while doing an experimental walking route both before and after our count (five seen on January 27 and six on February 10).

New high counts were logged for Turkey Vultures, Red-tailed Hawks, Barred Owls, Eastern Bluebirds, Gray Catbirds, and House Finches. Tundra Swans and Song Sparrows set record lows, and the list of next to low totals included Pileated Woodpecker, Fish Crow, Golden-crowned Kinglet, Field Sparrow, and House Sparrow.

The two counts this winter strongly suggest some of the results from our first year of counting. In 1986, the party hour totals for both counts were almost as close as they were this year. Our permanent resident species were astoundingly similar, the late migrants showed truly drastic declines from the earlier count to the later count, and four other resident species were significantly lower on the midwinter count. Let's look at some of those comparisons:

T	R CBC	HC MDW		TR CBC	HC MDW
Northern Flicker	237	113	Fox Sparrow	19	<u>_</u>
Brown Creeper	48	26	Song Sparrow	705	258
Winter Wren	26	13	Swamp Sparrow	29	18
Golden-crowned Kinglet	26 69	26	White-throated Sparrow	1535	1243
Hermit Thrush	38	8	White-crowned Sparrow	63	43
American Robin	678	13	Dark-eyed Junco	1193	1077
Cedar Waxwing	693	584			
Yellow-rumped Warbler	78	18	Mourning Dove	1821	1094
Rufous-sided Towhee	87	18	Red-bellied Woodpecker	312	217
American Tree Sparrow	55	18 27	Pileated Woodpecker	44	9
Field Sparrow	336	49	Carolina Wren	344	240

O.K., so the junco and waxwing totals may not be meaningful, and robin flocks are almost as irregular as blackbirds. But look at all the others. These differences are hard to accept as normal seasonal die-off. In addition, eight species were substantially higher on the midwinter count; there is no simple explanation although we're making lots of intelligent guesses:

		TR CBC	HC MDW		TR CBC	HC MDW
7	Red-shouldered Hawk	<del>-29</del>	60	Blue Jay	400	486
	American Kestrel	26	43	Eastern Bluebird	248	335
	Rock Dove	646	43 961	House Finch	1000	1907
	Belted Kingfisher	28	36	House Sparrow	375	603

The Christmas count had five more species than the midwinter count and again, the comparisons allow the mind to play. Midwinter had six more species of waterfowl—a combination of late migrants and open water on our large lakes? The small ponds were frozen for both counts and the entire period between. The Laytonsville land—fill had three "quality" gulls that Alpha Ridge couldn't match. Do we trash less interestingly? Possible continuing migrants were the TR CBC's six Red—breasted Nuthatches, 59 Savannah Sparrows, one Lincoln's Sparrow, and 23 Rusty Blackbirds. Not—so—hardy lingerers which may not have survived the month were the TR CBC's Pine Warbler, Ovenbird, Common Yellowthroat, and Indigo Bunting, all of which were found in the Howard County portion of that count. One statistic I'm not really thrilled about involves coverage. We midwinter counters reported 30 more hours in cars and 345 more car miles than the Christmas counters. Our on—foot efforts were similar in time although we didn't think we walked as far: TR CBC hours — 187, HC MDW hours—1763/4; TR CBC miles — 179, HC MDW miles — 142. Are our midwinter territories really that much bigger? really that much bigger?

Our midwinter feeder watchers are much more obviously organized than on the Christmas count. You feeder people reported 36 species including the count's only Purple Finches, 60% of our American Goldfinches, and roughly a third of our Mourning Doves, House Finches, and House Sparrows. We're glad you're with us. We'd miss a lot without you.

are three or four species which were reported which do not appear in the list. That doesn't mean you didn't see the bird. It does mean that I felt I could not get that bird past a standard "Rare Bird Records Committee" on the basis of the look you got or the specifics of the description you were able to give me. We will never be able to identify correctly every bird we see and hear, but we'll always be working to improve our percentage. Every hour we spend in the field is helping that effort—IF our eyes, ears, and brain are all open to unexpected information.

There is a statistician at Patuxent Wildlife Research Center who is currently doing a study on the variability of results from a consistent effort bird survey.

The idea is to be better able to determine the accuracy and meaning of counts such as our Christmas and Midwinter Bird Counts. I'm wonderfully curious about how I'll be looking differently at these results in the next year or two after I learn about his conclusions. For this year, the differences between the end of December count and the end of January count certainly seem to illuminate differences in bird populations raise additional questions and confirm the continuing worth of the midwinlations, raise additional questions, and confirm the continuing worth of the midwinter count effort. See you all next year!

Many thanks to Don and Martha Waugh for hosting 50 of us at the tally rally; to Mike McClure for putting together the mass of data for the Raptor Society; to all the people who gave us land permissions; to our area coordinators (Mark Wallace, Nancy Magnusson, Dave and Maureen Harvey, Mike McClure, Greg Van Nostrand, Boni Ott, and Jo Solem) for putting together such high quality coverage of the entire county; and to all of you who had fun freezing your faces while tromping and counting. WELL DONE!

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	Field	eeder	Total		field	Feeder	Total		<u>Field</u>	<u>Feede</u>	r Tota
Pied-billed Grebe	2		2	Killdeer	11	*	11	Golden-crowned Kinglet	26		26
reat Blue Heron	14	1	15	Common Snipe	3		3	Ruby-crowned Kinglet	7		7
undra Svan	4		4	Ring-billed Gull	1413	+	1413	Eastern Bluebird	335		335
ute Swan	7		7	Herring Gull	2094		2094	Hermit Thrush	8		. 8
reater Snow Goose	10		10	Great Black-backed Gull	104		104	American Robin	13		13
anada Goose	8542	2	8544	gull sp.	514	+	514	Gray Catbird	3		3
ood Duck	10		10	Rock Dove	944	17	961	Northern Hockingbird	321	19	340
een-winged Teal	10		10	Hourning Dove	798	296	1094	Brown Thrasher	1		1
erican Black Duck	418		418	Eastern Screech-Owl	2		2	Cedar Waxwing	584		584
allard	855	k	859	Great Horned Ovl	5		5	European Starling	9841	496	1033
orthern Pintail	5	-	5	Barred Ovl	13	3	16	Yellow-rumped Harbler	18		18
edual l	Ĭ		ĭ	Belted Kingfisher	36		36	Northern Cardinal	848	142	99
erican Wigeon	85		<b>8</b> 5	Red-headed Woodpecker	1		1	Rufous-sided Towhee	16	2	1
envasback	10		10	Red-bellied Woodpecker	200	17	217	American Tree Sparrow	27		2
ing-necked Duck	47		47	Yellow-belllied Sapsuck			8	Field Sparrow	49		4
ufflehead	14		14	Downy Woodbecker	177	31	208	Fox Sperroy	. 1		
ooded Hergenser	28		28	Hairy Hoodpecker	36		39	Song Sparrow	240	18	25
omnon Merganser	33		33	Northern Flicker	108		113	Swamp Sparrow	18		1
uddy Duck	- 1		1	Pilested Woodpecker	9	•	9	White-throated Sperrov	1152	91	124
lack Vulture	145	+	145	Eastern Phoebe	ź		Ź	White-crowned Sparrov	43		4
urkey Vulture	715	. I	715	Horned Lark	51		51	- Dark-eyed Junco	859	218	107
ald Eagle	713	•	2	Blue Jay	402	- 84	486	Red-winged Blackbird	788	11	79
herp-shinned Hawk	17	2	19	American Crow	3312		3314	Eastern Meadowlank	5		•
	2	2	2	Fish Crow	84	-	84	Common Grackle	4386	54	444
ooper's Hawk	ź		2	Crow so.	2633	111	2744	Brown-headed Cowbird	1024	190	121
ccipiter sp.	58	^	မ်	Carolina Chickadee	2600 582		693	blackbird sp.	4857	2,0	485
ed-shouldered Hauk		2	78	Tufted Titmouse	353		433	Purple Finch		6	
ed-tailed Hawk	76	4	/6	White-breasted Nuthatch			105	House Finch	1253	654	190
uteo sp.	, 1	3	43	Brown Creeper	26		26	Pine Siskin	8	~~	170
merican Kestrel	43		43				240	American Goldfinch	262	159	42
ing-necked Pheasant	2		Z	Carolina Uren	209	21	13	House Sparrov	457	146	60
iild Turkey	1		1	Winter Wren	13		13	HUUSE SPEETOF	43/	140	•
American Coot	11		11								

Party hours - Foot Party hours - Car Party hours - Owling TOTAL	176.75 75.00 5.00 256.75	Party miles - Foot Party miles - Car Party miles - Owling TOTAL	142.0 833.9 38.75 1014.65	Total species Total individuals	FIELD 7 89 88 52,858	FEEDER 36 3,028	TOTAL 89 55,886
Party hours - Feeder	85.25	1					

GBSERVERS: AREA 1: MARK WALLACE, Marty Barron, Joe Byrnes, John Hoffman, Elwood Martin, Bob Ringler, Jay Sheppard, Robin Todd; AREA 2: MANCY MAGNUSSON, Val Barnes, Mary Maxey, Peter Osenton, Pamela Presley, Tom Strikverda, Paul and Sherry Zucker, Bill Kidwell\*, Don and Judy Proia\*, Skip Skipton\*, Romayne Smith\*; AREA 3: DAVE and MAUREEN MARVEY, Ralph Cullison, Carol and Dan Haft, Karen Morley, Art Rogers, Steve Sanford, Gene Scarpulla, Will & Robin Tress, R.W. Handwork\*, Dave Kirkwood\*; AREA 4: MIKE McCLURE, Grazina McClure, Kimberly Gross, David Holmes, Mike Leumas, Paul, Carol and Deborah Newman, Karan Repsher, Susan Setterberg, Chuck Stirrat, Jim Blanchard\*, Georgia Eacker\*, Sandra French\*, Margaret Lord\*, Jim Resau\*, Steve Schrader\*, Dominic and Rae Weston\*; AREA 5: GREG VAN MOSTRAND, Burton Alexander, George Chase, Marty Chestem, Eileen, John and Andrew Clegg, Peggy Erbe, Jeff Hatfield, Norma Petersen, Cynthia Sibrel, Dan and Linda Southworth, Vinc Van Nostrand, Michele Wright, Helen Zeichner, Ellen & Han Bryson\*, Joe Condron\*, Susan Earp\*, Sarah and Glenn Funkhouser\*, John Greer\*, Pat Hirt\*, Pat Jackson\*, Dennis Luck\*, Rosamond Munro\*; AREA 6: BONNIE OTT, John Ott, Connie Bockstie, Ralph and Jane Geuder, Ann Higgins, Dave and Julie Kubitsky, Brigitte and Bob Lund, David Mozurkewich, Suzanne Probst, Hank Stanton, Cathy and Leroy Williamson, William Brandenstein\*, Alex Donovan\*, Sharon Femrite\*, Linda and Dan Hammil\*, Pam Janesh\*, Irv Robinson\*; AREA 7: JO SOLEM, Maud Banks, Jane Farrell, John KcKitterick, Bea Newkirk, Eva Sunell, Don Waugh, Jim and Carol Wilkinson, Ron Cotterman\*, Tina Fiester\*, Tom Hodgson\*, Judith Howse\*, Duncan MacDonald\*, Jim and Claudia Medwin\*, Greg Pontius\*, Bob Solem\*, Christine Thomas\*

CAPITALS - Area Leaders; \* - indicates a feeder/yard watcher

BLUEBIRD HONITORS - The bluebird report in the last newsletter inadvertently left out three monitors: Connie Bockstie, Ceil Casciaro, and Suzanne Probst. Together they monitored the more than 20 boxes on Sharp Road. Thanks for your weekly faithfulness over the last three years in checking those boxes!

PHOWE MUMBER CORRECTION - Don & Martha Waugh's phone number is (410) 381-8841. It was listed incorrectly in the directory.

REHABILITATION HELP - Pam Janesh, one of our members, volunteers on Saturdays at the Chesapeake Wildlife Sanctuary. If you find birds or animals in need of help, her telephone number is (410) 799-0682. Eva Sunell (410) 995-0029 can also provide advice and some emergency help.

19TH AMMUAL POTLUCK - Monika Botsai did her usual fine job of organizing this special event with help from Grazina McClure and Rod Botsai. Mike McClure was responsible for organizing

and the second

the program of members' slides. Thanks to them and to those who came early to lend a land in setting up or stayed late to help with cleanup. There is always an ample amount of delicious food and an enjoyable sample of photos. Anticipate next year's  $20^{th}$  annual event.

GREATER SCAUP ON RARE BIRD ALERT - When a male Greater Scaup showed up on Wilde Lake in March, Bea Newkirk and her team of callers enabled a number of people to see this bird. Greater Scaup are not seen in the county every year and are difficult to distinguish. Thanks to those individuals who make the rare bird alert calls: Connie Bockstie, Monika Botsai, Joe Byrnes, Margie Kupiec, Mike Leumas, Brigette Lund, Marjorie Mountjoy, Rosamond Munro, Bonnie Ott, Elise Seay, Zelda Simon, Peg Willson, and Helen Zeichner.

CENTERNIAL WALK LEADERS - The spring Centennial walks were led by Martha Chesten, Jane Farrell, Helen Zeichner, and Paul Zucker. Many thanks!

# CONSERVATION REPORT Bob Solem

The Maryland House of Delegates passed a law (HB1296) that would permit hunting on Sundays. Those of you who go out on Christmas Count, Midwinter Count, or attempt to bird during the hunting season know that Sundays are the only day that the thousands who enjoy birdwatching have to get out in the field without immediately coming under ground fire. None of the jurisdictions bordering Maryland permit hunting on Sundays. Since the bill must also be passed by the Maryland Senate, Jane Geuder, Gerry Einem, Margo Garner, Lucy Kiekebusch-Steinitz, Zelda Simon, Don Waugh, Peggy Willson, and Eileen Clegg activated the telephone tree to notify members in his district to call State Senator Christopher McCabe (District 14) and express opposition to extension of hunting on Sundays. McCabe is on the Senate Economic and Environmental Affairs Committee, which considers such bills; the Senate committee killed the Sunday hunting bill on April 2.

Senate Bill 135 repeals the 1992 termination date for voluntary donations on the state income tax form to the Chesapeake Bay and Endangered Species Fund and makes the provision permanent. SB 135 was one of two check-off bills that survived the Senate. On April 2, the Chesapeake Bay and Endangered Species fund bill passed both houses of the legislature and was sent to the governor for signature.

# BIRDING BY EAR, III Bonnie Ott



This is the concluding section of a three part series designed to introduce readers to identifying birds by their songs.

- 4. The more songs you know, the easier it will be to make additions and learn some of the more difficult songs. Often the song of one species may be easily associated with another. If you are familiar with the Northern Mockingbird's song in which it repeats each phrase three or four times, the Brown Thrasher's is easy to learn. It sings in a similar manner but repeats each phrase just twice. The American Robin's song is a highly useful one to learn. Many birds sing robin-like songs but with subtle differences. The Scarlet Tanager's has a burry quality, the Rosebreasted Grosbeak's phrases are run together in a lengthy song interspersed with "chink" notes, while the Red-eyed Vireo's contains pauses between monotonous phrases.
- 5. Even when a song is relatively unmusical, it is often easier to remember if it can be associated with something as in the following examples:

Red-breasted Nuthatch - tin horn American Bittern - pump Canada Goose - honk Eastern Screech-Owl - whinny Black-and-white Warbler - squeaky wheel Grasshopper Sparrow - insect Horned Lark - tinkling bells
Belted Kingfisher - rattle
Yellow-bellied Sapsucker - cat mewing
Veery - oboe in downward spiral or whistling down a well
Field Sparrow - dropped ball bouncing

The best way to learn bird songs is by going out into the field with an experienced person. Seeing a bird while it is singing will help to fix the song in your mind. Although there is no substitute for field work, there are some helpful aids available in the form of cassette tapes, records, and videos. Walton and Lawson's Birding by Ear, part of the Peterson field guide series, is perfect for beginners. Although the field guides to bird songs and various habitats are useful, they often overwhelm the beginner. It is best to concentrate on a small group of birds. Become well acquainted with a few before going on to another group. Trying to listen to too many at any one time leads to confusion or, worse, the feeling that learning any is hopeless. The Howard County library has a set of Audubon video ruides which enable you to see the bird at the same time you are hearing its songs. Tapes, records, and videos are all useful tools, but use them as supplements to leid work (or listening at your feeder).

As you improve your birding skills, nothing will compare to a spring morning illed with the voices of birds—voices you recognize!

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Columbia, MD 21044

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- M MIDWINTER COUNT RESULTS
- m ANNUAL BIRD LIST

