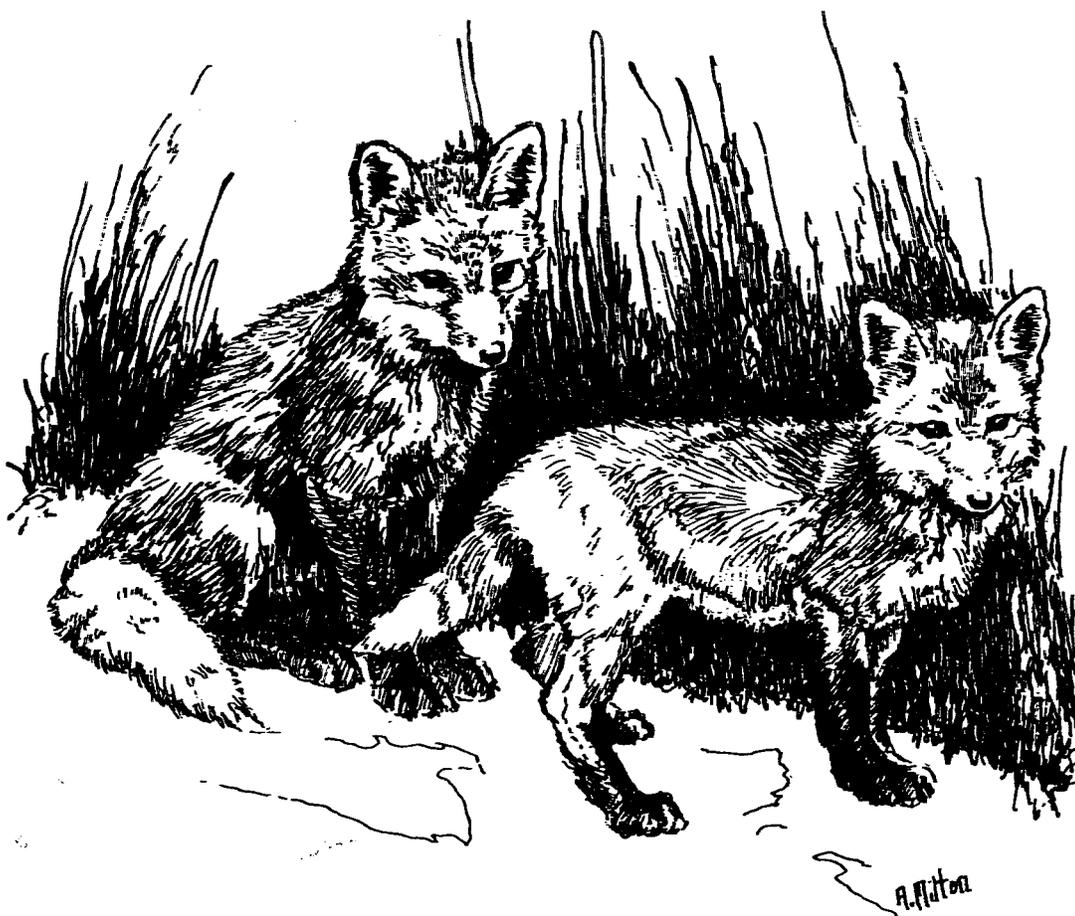


TOWN OF HUNTINGTON

ALEX G MC KAY
3 LEMINGTON
NORTHPORT N Y 11768

WILDLIFE RESOURCES

STATUS AND RECOMMENDATIONS 1967



prepared by Huntington Audubon Society - sept. 1967

TOWN OF HUNTINGTON



WILDLIFE RESOURCES

STATUS AND RECOMMENDATIONS 1967

COVER: Red Fox Kits, by Ann Milton. Their youth symbolizes a healthy environment, a capacity for learning, and the promise of the future. When loss of open space drives out the fox, we suffer the loss of his free spirit, for we lose some of our own.

Ann Milton's current work may be seen in Dr. Robert Cushman Murphy's A Dead Whale or a Stove Boat, Houghton, Mifflin, 1967.

prepared by Huntington Audubon Society - sept. 1967

WR Goleeke 3

HUNTINGTON AUDUBON SOCIETY

Huntington, New York

WILDLIFE CENSUS - FINAL REPORT
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This report has been compiled from a series of reports submitted by our observers in the various zones. All of their reports are contained in their entirety in Huntington Audubon Exhibit I and are available on request for further information.

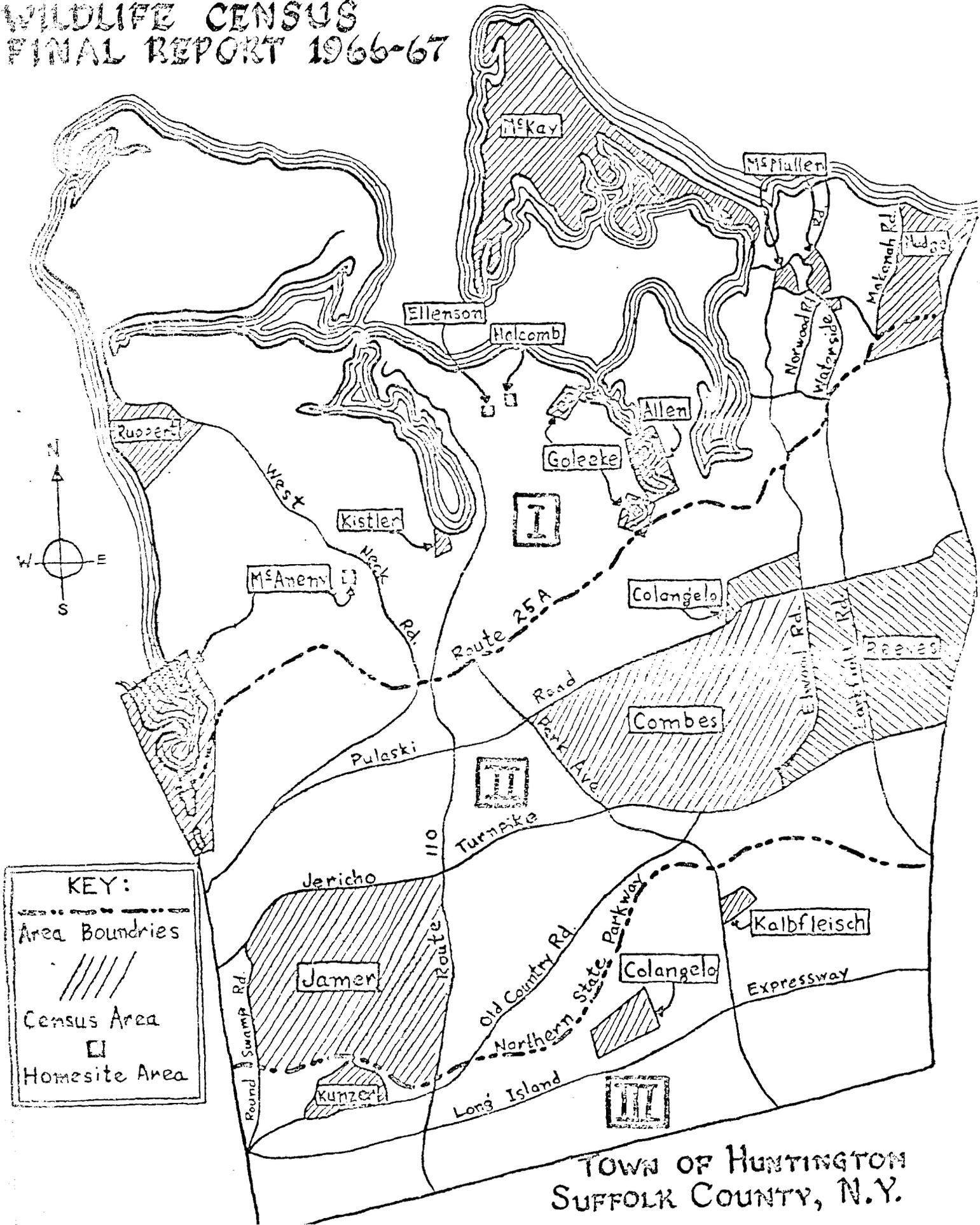
Joan Kelly

Joan Kelly
Chairman-Wildlife Census

September 1967



HUNTINGTON AUDUBON SOCIETY WILDLIFE CENSUS FINAL REPORT 1966-67



HUNTINGTON AUDUBON SOCIETY
Huntington, New York
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We wish to thank Dr. Wesley Lanyon, Director, Kalbfleisch Research Station, Dix Hills, Huntington for the information made available to us in the Kalbfleisch Reports and for reviewing this Report.

Also, Otto Heck, who reviewed the Cold Spring Harbor Marsh Report, and, Anthony Taormina, Regional Supervisor, Fish and Game, New York State Conservation Dept., who with members of his staff encouraged and aided us.

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The following is a list of all those who worked on this report. Our thanks go to each of you. Your good work was sincerely appreciated.

Mr. and Mrs. George Aery

Mrs. Richard E. Allen

Mr. Larry Colangelo (Suffolk County Fish and Game Association)

Mrs. J. J. Combes

Perry Combes

Mr. Henry Dam

Mr. Louis Ellenson

Mr. and Mrs. William Goleeke

Mr. Otto Heck

Mrs. Wade Holcomb

S. Ince

T. Jackson

Miss T. Margaret Jamer

Mr. Stephen E. Kistler

Mrs. Ena Kunzer

Mr. Howard Mason

Mr. William A. McAneny

Mr. Alex McKay

Mrs. Andrew McMullen

Mr. Eugene T. Mudge

W. Muller

R. Powder

Mr. and Mrs. William B. Reeves

Mrs. Charles Ruppert

Kurt Schluter

Mr. John Taylor

Robert Walker

Mrs. George B. Wheeler

This report was edited by
Joan Kelly.

HUNTINGTON AUDUBON SOCIETY
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WILDLIFE CENSUS
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The animals and birds we take for granted are among the valuable natural resources of Huntington. They are enjoyable visitors. They provide recreation for birdwatchers, trappers and hunters. They provide study material for scientists, young and old. They constitute one of the amenities of our way of life. This report is the result of a year's study of this Huntington Town natural resources. It has been prepared as one part of a comprehensive survey of all of Huntington's natural resources. Several facts have become apparent from the survey.

1. Wildlife exists on all land in Huntington.
2. The wildlife is extremely varied and includes nearly all species that can be found anywhere on Long Island.
3. The relative abundance of wildlife is an indication of the health of the land.
4. The well-being of wildlife is irrevocably tied to "open space." There is evidence that the same applies to humans.
5. Development of land removes food supply, wildlife shelter, and breeding places.
6. Land close to water supports the greatest density and variety of wildlife and should be given first priority for preservation as open space.
7. The preservation of open space is the right and duty of citizens and their government.

The purpose of this wildlife report is not to preempt land for the benefit of wildlife; nor to say that open land should not be developed for homes or industry. The purpose is to point out that there is more to open land than the land itself, and by using wildlife as an example, to point the way to action.

The survey has located and identified the wildlife that is present in the Township. It covers mammals, birds, reptiles, and amphibians by species and by relative population. It does not cover fish, which is covered by another portion of the comprehensive report. It does not cover insects, and it does not cover plants. The information that is here takes the form of conclusions and recommendations, and a checklist of all species recorded and a summary of field observations according to geographical location. This will serve as a guide for the preservation of certain environments and hopefully will encourage naturalists and our young people to wish to preserve our existing natural assets and to add to them wherever possible. We wish to see the best conservation methods applied in our Township to the advantage of the wild and human populations.

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To many, open land is wasted real estate. Its only value is in its capacity for development for its profit-making potential. However, something of value is lost as soon as the land is cleared and graded. We lose what Nature put on the land. We lose it because someone thinks it can't be turned into a profit. The irony is that it has a market value. People will pay more to live in a green community like Huntington. They will pay more for a house on a wooded lot. Shoppers prefer to buy in an area that has charm and is pleasant to drive to. Industry will move to an area that can provide its employees with gracious living. These desirable features are all linked to open space. It should be the aim of the Town Administration to preserve some land in its natural undeveloped state solely for the purpose of enhancing the town's live-ability.

Where does wildlife fit into the picture? Surely, one of a child's wildest moments of excitement comes when he runs shouting to his parents that he has found a turtle. Would you believe - a turtle right here in his own yard! And what about catching fireflies or feeding the birds in winter? Or discovering a covey of baby ducks on a pond? We assume a lot about wildlife because it asks nothing of us. We can remove its three essentials, food, shelter, and breeding places -- it can't complain it will disappear.

RECOMMENDATIONS:

Do we care about our wildlife? Of course we do. We must take public action and encourage private action. The public action involves land acquisition and land management. Encouragement of private citizens can take the forms of direct financial benefit and of education in land use practices and wildlife values.

Land acquisition includes obtaining desirable open space by purchase as it comes on the market and by condemnation, if development is imminent. These are only two ways that open space can be preserved. Proper land management starts with recognition that some town parks and some areas of other town parks should be left in a wild state. Not all park property need be leveled for ball fields, nor is it necessarily desirable to clean out all dead trees and underbrush. When we create "order" out of open space we usually create great gaps in Nature's own order. This is passive management. Land management also has active aspects. Most land can benefit from certain improvements. These include the planting of trees and shrubbery that will provide natural food and power, the removal of "weed" plants from ponds and replacement with food plants. The utilization of natural found cover to prevent erosion, and the elimination of sources of pollution. Such improvements are not only self-perpetuating, but many are very inexpensive. It is foolish to pass up the many opportunities to make our surroundings more enticing, when a little imagination can provide a lasting reward.

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In the area of citizen action, it was stated that direct financial benefit was a tool for preserving open space. This takes the form of reduction in tax assessment for property dedicated to open space use. One form this takes under the laws of New York State is the scenic easement. In effect the owner of a stream, meadow, woodlot, etc. trades his right to develop his property for a reduction in taxes. The property is deemed to be more valuable to the community undeveloped, and the community is willing to put this in terms of money. This is a direct negotiation between property owner and local government. The Town Board can encourage the preservation of open space by direct gift; either to the Town or to a private group authorized to receive such gifts. This too would provide a tax benefit to the donor.

The other area in which the Town Administrators can promote a healthier environment for wildlife and people is to support by word and deed good conservation practice. The continuation of the Town's Conservation Advisory Subcommittee is essential to maintaining a link to the people. Summer programs at Town beaches and parks can be easily modified to include some appreciation material on wildlife values. Publicity can be given Town policies such as the protection of wetlands, the waterways ordinance and the avoidance of dangerous pesticides in Town spraying operations. Many other ideas will suggest themselves and will be suggested by citizens. Each should be considered carefully.

LOCATION OF REPORTING AREAS:

Huntington Township comprises 100 square miles at the western end of Suffolk County, New York. As shown on the map it extends from Long Island Sound on the North to the Town of Babylon on the South, and from Nassau County and Cold Spring Harbor on the west to the Town of Smithtown on the east. As it is a large township, it was divided into three zones to facilitate location and classification of habitat of the species listed in the report.

Zone I is the shore area. It is mostly low density residential. Zone II located between route 25A and the Northern State Parkway is heavily residential and commercial. Zone III lies between the Northern State Parkway and the Babylon Town Line. It is hilly oak woods, interspersed with natural plains and scrub oak. It is presently lightly developed but subject to mass development.

Zone I is a vast and valuable waterfront area. Mainly residential in character, its zoning ranges from two acres to less than a half acre. However, it is the area which includes Lloyd Harbor, the Cold Spring Marshes, Gaumsett State Park and other large undeveloped areas. Towards the east it includes Eaton's Neck and the Crabmeadow area. Of approximately 1500 acres on Eaton's Neck, 500 acres are the private property of Henry Morgan. Another 500 acres are occupied by smaller private estates and nurseries. The remaining acreage is residential - developments of two acre and smaller plots, private and public beaches and undeveloped building sites. The rest of Zone I is developed in much the same way - some large estates, golf courses - public and private, beaches - public and private decreasing in acreage size as one reaches the 25A shopping area. Another valuable asset of this zone is its ponds. Several ponds in

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Centerport and several in the Cold Spring Harbor area all have great concentrations and varieties of ducks.

The areas covered in Zone I are identified by number. This provides a key to habitat when reviewing the lists of birds, mammals, amphibians and reptiles on subsequent pages. The areas are sequential from one to ten beginning with number one at the top western boundary - Lloyd Harbor Park and generally working east to the Eaton's Neck - Crabmeadow area.

Immediately threatened are Area 1 - Lloyd Harbor Park and Area 2 - Cold Spring Harbor Ponds. To conservationists a look at these areas is enough to warrant saving them in entirety. To the highway departments these valuable open lands naturally present fewer obstructions. To avoid disastrous results from hasty obliteration we ask that special consideration be given the reports from these two areas. The wealth of material from them indicates what a loss it would be to future generations to destroy them. If we cannot save significant portions of our open space for principally esthetic reasons, we will become one more area in need of arteries of escape to other areas where good conservation principles have been applied.

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ZONE I

Summary Sheet

BIRDS	183	Species
MAMMALS	20	Species
REPTILES	10	Species
AMPHIBIANS	12	Species

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Huntington, New York

WILDLIFE CENSUS
Final Report - 1966-1967HUNTINGTON TOWNSHIP
REPTILES AND AMPHIBIANSLLOYD HARBOR PARKZONE I

AREA DESCRIPTION - AREA 1 - Reported by: Sallie Ruppert, Beth Wheeler and Howard Mason and an assist from Robert Walker

Approximately 64 acres -

This area is in the Incorporated Village of Lloyd Harbor, and is bounded;

North - Town of Huntington West Neck Beach

East - West Neck Road

South - New York State property, acquired for an access road to Caumsett State Park

West - Cold Spring Bay

The shore line of this area, about 1500 feet in length, is comprised of a sandy and rock strewn beach. The swimming area has a gently sloping beach. The rest of the shore has low banks of a foot or two in height, topped by a grassy plateau of several acres, used as a picnic area and parking lot. The extreme western end of the shore differs from the rest of the beach, in that it has a manmade tidal canal, edged by salt marsh. This old barge canal extends about 500 feet into the park from the bay.

One hundred feet back from the beach, roughly at sea level, is a spring fed pond, about 250 feet in diameter. This pond is surrounded by cleared land, planted with grass, with a half a dozen old locust trees around the pond.

Another 100 feet back from the shore and 2000 feet to the west is another pond. This one is at the edge of the weeded ridge that rises to a height of 100 feet, as one moves away from the shore. This pond has been left almost completely in its natural state. The locust and cherry trees surrounding it, grow down to the water's edge on three sides. One side of the pond's edge has been cleared for an auto road. The trees surrounding the pond, are a well used resting place for Egrets and Herons.

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The woods that cover the hill rising toward the north side of the park are thick with a groundcover of Virginia Creeper, poison ivy, sumac and honeysuckle. The trees are secondary growth of approximately 100 years. Among the predominant varieties are locust, cherry, mulberry and ailanthus.

From the crest of the hill, a meadow extends to the northern boundary of the park. This boundary is a highly traveled auto road. The meadow extends about 400 feet from the edge of the woods to the road. The grass on this meadow is mowed from time to time during the summer, though few people frequent this part of the park. The meadow is spotted with dogwood and apple trees left from a farmyard of recent years.

Thus, this piece of land has several types of habitat wildlife. There is a salt water shore and a small tidal marsh. There are fresh water ponds, wooded areas and meadowland.

The numerous berry-bearing bushes and shrubs attract constant visitors. The vines and groundcovers create a wild tangle that is refuge and feeding area for many small animals and birds.

The Mulberry, wild apple and cherry trees provide shelter and feed for still more varieties of wildlife.

The fresh water ponds, spring, and brooklet are home to frogs, snails, fish, and all manner of insects and larvae, which in turn are food for the higher forms of life.

The meadows provide range for rodents and field loving animals, and hunting grounds for hawks.

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Birds Observed at Lloyd Harbor Park

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>BREEDING</u>
Great Blue Herons	Uncommon	Winter Resident & annual Migrant	
Black Cr. Night Herons	Common	Summer Resident	
Swan-Mute	Uncommon	Transients	
goose-canada	Uncommon	Transients and summer resident	Yes
Mallard	Uncommon	Transients and summer resident	Yes
Duck Black	Common	Winter Resident	
Duck Wood	Uncommon	Summer Res.	5 young yes
Duck Ringneck	Uncommon	Summer Res.	
Scaup	Common	Winter Res.	
Golden-Rye	Common	Winter Res.	
Hooded Mergansers	Uncommon	Winter Res.	
Hawk. red-tailed	Uncommon	Transient-Winter	
Kestrel	Uncommon	Winter Resident	
Quail	Common	Resident	Yes
Pheasant Rempich	Common	Resident	Yes
Plover-piping	Rare	Seasonal Migrant	
Woodcock	Rare	Summer Resident	
Sandpiper-spotted	Rare	transient	
Sandpiper. Solitary	Rare	Transient	
Yellowlegs-Greater	Common	Reg. annual Migrant	
Yellowlegs-Lesser	Common	Reg. annual Migrant	
Gull-Herring	Common	Resident	
Gull-Laughing	Common	Summer resident	
Tern-common	common	Reg. annual Migrant	
Tern-least	common	Reg. annual migrant	
Skimmer-Black	Rare	Migrant	
Dove-Mourning	common	Resident	yes
Cuckoo-Bl billed	Uncommon	Summer Resident	yes
Swift Chimney	Uncommon	Transient	
Kingfisher-billed	Rare	Winter Resident	
Flicker-Yellow Sh	Uncommon	Summer Resident	Yes
Woodpecker-Hairy	Uncommon	Resident	Yes
Woodpecker-Downy	Uncommon	Resident	Yes
Kingbird Easter	Uncommon	Summer Resident	Yes
Flycatcher-Crested	Uncommon	Summer Resident	Yes
Phoebe-eastern	Uncommon	Summer resident	Yes
Pewee-Wood	Uncommon	Summer resident	Yes
Swallow-Tree	Rare	Transient-spring	

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Birds Observed at Lloyd Harbor Park (Continued)

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>BREEDING</u>
Swallow-Bank	Uncommon	Transient-spring	Yes
Swallow-Barn	Common	Summer Resident	Yes
Jay-Blue	Uncommon	Resident	Yes
Crow-common	common	Resident.	Yes
Crow-Fish	Uncommon	Summer Resident	
Chickadee-Bl. Cap	Uncommon	Resident	Yes
Titmouse-Tufted	Uncommon	Resident	?
Nuthatch-white-Br.	Uncommon	Resident	Yes
Creeper-brown	Uncommon	Annual Migrant	
Wren-house	Uncommon	Summer Resident	Yes
Wren-Carolina	Uncommon	Resident	?
Mockingbird	Uncommon	Resident	"
Catbird	common	Summer Resident	Yes
Thrasher Brown	Uncommon	Summer Resident	Yes
Robin	Common	Summer Resident	Yes
Thrush, Wood	Uncommon	Summer Resident	Yes
Thrush, Hermit	Uncommon	Annual Migrant	
Thrush, Swainson	Uncommon	Annual Migrant	
Thrush Grey Ch	Uncommon	Annual Migrant	
Veery	Rare	Annual Migrant	
Kinglet-Ruby Cr.	Common	Annual Migrant	
Starling	Common	Resident	
Warbler Black & White	Uncommon	Annual Migrant	
Warbler Blue-winged	Uncommon	Summer Resident	Yes
Warbler Nashville	Rare	Seasonal Migrant	
Warbler Parula	Uncommon	Annual Migrant	
Warbler Yellow	Uncommon	Summer Resident	Yes
Warbler Magnolia	Uncommon	Annual Migrant	
Warbler blk-thr- Blue	Uncommon	Annual Migrant	
Warbler Myrtle	Uncommon	Annual Migrant	
Warbler blk-thr-green	Uncommon	Annual Migrant	
Ovenbird	Rare	Annual Migrant	
Waterthrush-Northern	Uncommon	Annual Migrant	
Warbler-Yellowthroat	Uncommon	Summer Resident	Yes
Warbler-Wilsons	Rare	Annual Migrant	
Warbler- Canada	Uncommon	Annual Migrant & summer Resident	
Warbler Red Start	Uncommon	Annual Migrant & Summer Resident	Yes
Sparrow-House	Rare	Transient	
Blackbird-RedWing	common	Summer Resident	Yes
Oriole, Baltimore	Uncommon	summer Resident	Yes

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Birds Observed at Lloyd Harbor Park (Continued)

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>BREEDING</u>
Oriole, Orchard	Uncommon	Summer Resident	Yes
Grackle	Common	" "	Yes
Cowbird	Uncommon	" "	Yes
Tanager-scarlet	Rare	Annual transient Migrant	
Cardinal	Uncommon	Resident	Yes
Grosbeak-Rose Br.	Rare	Summer Resident	Yes
Bunting Indigo	Rare	Annual transient	
Finch House	Common	Resident	Yes
Goldfinch	Uncommon	Resident	Yes
Powhee Rufous Sided	Uncommon	Summer Resident	Yes
Sparrow, Savannah	Rare	Seasonal Migrant	
Junco	Common	Winter Resident	
Sparrow-Tree	Rare	Annual Migrant	
Sparrow-Chipping	Rare	Summer Resident	
Sparrow white-thr	common	winter resident	
Sparrow-song	common	Resident	yes

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Zone I

Area 1. Mammals

Eastern Mole

Shorttail Weasel

Red Fox

Eastern Chipmunk

White Footed Mouse

Eastern Cottontail Rabbit

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Zone I

Area 1. Reptiles and Amphibians

Snapping Turtle

Spotted Turtle

Eastern Painted Turtle

Eastern Garter Snake

Red Backed Salamander

Bill Frog

Green Frog

Northern Leopard Frog

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Zone I

Area 1.

Recommendation: Village of Lloyd Harbor should request as little as possible be changed in this area. The access road to Caumsett State Park is presently mapped through here.

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HUNTINGTON NATURAL RESOURCES SURVEY - Wildlife Section

Reporter - William A. McAneny, with John Taylor & Henry Dam report reviewed by Otto Heck.

AREA DESCRIPTION:

Area No. 2, comprising the inner harbor and pond area at Cold Spring Harbor, N.Y. As shown on the map on the next page, the area is bounded on the north by the sandspit, east by Route 25A and Harbor Road, south by Stillwell-Velsor Road, and west by the Nassau County line. The area is a long, narrow strip running about two miles in a north-south direction. For most of its length, it is no wider than 100 to 200 yards. It does not include the feeder streams south of Stillwell-Velsor Road, since these have no significant effect on wildlife to be seen in the area although they are important scenically and they contribute to the amount of water in the area.

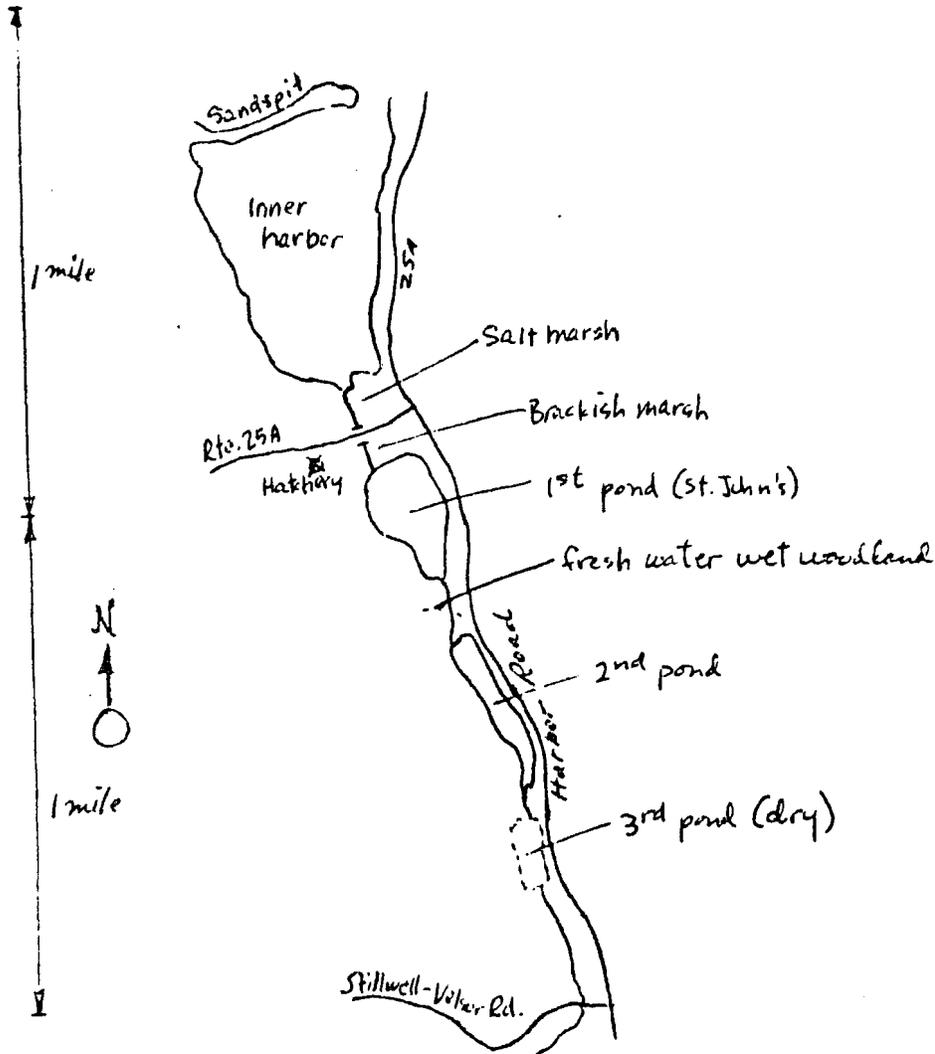
IMPORTANT FEATURES OF THE AREA:

Five habitats are included in this relatively small area. Of principal interest is the salt marsh north of Route 25A. It is here that fresh water meets salt water in the protected environment of the inner harbor. The importance of this area is discussed later. The other habitats are the open salt bay of the inner harbor, where the mud bottom is 70% exposed at very low tides; the open fresh water ponds; the wet woodlands between the ponds; and the dry hardwood forest bounding the area on the east and west sides. The variety of wildlife supported by this environment is unequalled on Long Island.

The salt marsh includes a sub-habitat of special interest. Route 25A is on a raised earthen embankment which cuts off the southern part of the salt marsh, isolating it from the inner harbor except for two culverts under the highway. High tides push salt water through the culverts into the small marsh, and for this reason, it is noted on the map as a brackish marsh. The marsh is surrounded on all sides by higher ground and is quite insulated from natural disturbances. This small area is vibrant with life both summer and winter. It is no more than two acres in size, but includes snakes, amphibians, fish, small mammals, and a multitude of birds, at least seven species that nest there. It is equally rich in flora, with numerous ferns, wildflowers, shrubs and trees. This small area is a natural gem and all effort should be expended to prevent damage or destruction to it by widening Route 25A.

The stream between the first and second ponds usually remains open in winter and is one of the very few spots in Huntington that does. This is vital to the winter survival of a number of animals and birds, providing food, water, and a temperate zone even in the coldest weather.

MAP OF AREA



Boundary between Huntington and Nassau County lies along the stream bed and the water of the ponds and to the east of the sandspit.

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Huntington Natural Resources Survey - Wildlife Section (Continued)

The reporting area has been and still is important in scientific and educational projects. The Cold Spring Harbor Laboratory of Quantitative Biology has for years conducted studies in the salt water - fresh water confluence. The vegetation of the salt marsh was exhaustively studied 50 years ago and the studies are being continued today in a very long term project, impossible to duplicate. New York State maintains an active fish hatchery just south of Route 25A. The ponds serve as a source of pure water for the hatchery ponds. Personnel from several universities use the hatchery facilities for research. Bird banding operations are conducted throughout the reporting area, chosen because of the tremendous number and variety of migratory birds that pass through or nest in the area. Science classes from colleges, local schools, and summer nature courses use the area as an outdoor laboratory. No other natural area on Long Island contributes so much to the biological sciences and to the education of sciences and to the education of science students.

The reporting area is an ecosystem which of course does not recognize the potential boundary of the Town of Huntington. This report includes observations made on both sides of the county line, on the assumption that (1), species seen in the Nassau segment might just as easily be seen a few dozen yards to the east in the Huntington segment, and (2), preservation of this area is so important, it is imperative that Huntington officially take positive steps to prevent destruction or encroachment from either side of the county line. As an ecological unit, the valley will reflect in all of its parts, a change to any one part.

DESCRIPTION OF WOODLAND AREAS: (per Otto Heck)

Between the first and second ponds and on their borders is a Mesophytic forest of tulip, red maple, and a few tupelo with the former two intergrading with black birch, beech, hickory (pignut, bitternut), walnut, white ash, and oaks (red, black, white. chestnut) on the higher grounds. In an area midway between the stream and the crest of the hills are mainly tulip, ash, beech, red maple, black birch, and some chestnut oaks. The tops of the hills are mainly chestnut oaks.

NOTATIONS IN LISTINGS

Habitat - All species will not be seen in all five habitats. Where habitat is unusual or significant, a notation will be made in the lists of species. For example, it will be noted when during (bay) ducks are found on the ponds but no notation will be made regarding their presence on the inner harbor.

Relative Abundance - Notation generally follows the guidelines established for the overall wildlife report. Exceptions will be noted.

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Huntington Natural Resources Survey - Wildlife Section (Continued)

BIRDS - 134 Species

CODES: A - Abundant (over 200 per day) W - Seen mostly in winter
C - Common (10-100 a day) S - Seen mostly in summer
U - Uncommon (10 or less per day) M - Seen mostly during migration
R - Regular (every year)
I - Irregular (not every year)
B - Breeds

If species is seen only once or twice a year, it is noted as "Rare".
Species observed only by Henry Dam are marked (H.D.)

<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Common Loon	Rare in 1st pond, uncommon in harbor	U, R, W.
Horned Grebe	Harbor only	U, R, W
Pied-billed grebe	" "	U, R, W
Great blue heron	Fresh and salt water	U, R
Green heron	" " " "	U, R, S
Little blue heron	" " " "	Rare, I, S
Common egret	" " " "	Rare, I, S
Snowy egret	" " " "	U, R, S
Black-crowned night heron	Largest Rockery on L.I.	C, R, B
Yellow-crowned night heron		Rare, R
American bittern (H.D.)		Rare, I
Mute Swan		C, R, B
Canada goose		C, R, B
Brant (H.D.)	Inner Harbor	U, I, W

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Huntington Natural Resources Survey - Wildlife Section (Continued)

<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Snow goose		Rare, I, W
Mallard		A, R, B
Black duck	2nd most common duck in ara	A, R, W
Gadwall		U, I, W
Pintail		U, R, W
Green-winged teal		U, R, W
Blue-winged teal		U, I, W
American widgeon		U, R, W
Wood duck		U, R, B (?)
Ring-necked duck		U, I, M
Convasback	165, inner harbor 3/11/67	C, R, W
Greater scaup	Most common duck in area	A, R, W
Lesser scaup		U, R, M
Common goldeneye		C. R. W
Bufflehead		U, R, W
Oldsquaw		U, R, W
Common Scoter	Rare,	Rare, I, W
Hooded merganser	Ponds only	V, R, W
Common merganser	(H.D.) Ponds only	Rare, I, W
Red-breasted merganser	Harbor	U, I, W.
Red-tailed hawk		U, R, S
Red-shouldered hawk		Rare, R
Rough legged hawk (H.D.)	Seen once by 3rd pond	Rare, I
Osprey		Rare, R, S
Peregrine falcon (H.D.)	Seen once, c. 1964	Rare, I
Ring-Necked pheasant		C, R, B
Clipper rail (H.D.)		U, R, M
Virginia rail (H.D.)		R, I, M
Sora (H.D.)		U, R, M

Note: All ducks except black & mallard are more common in narbor north of area

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<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Common gallinule (H.D.)	Fall migration	Rare, I, M
American Coot		U, I
Killdeer		Rare, I, M
American woodcock (H.D.)	Marsh and ponds area	U, R, B(?)
Common snipe	Can be found in winter in marsh between Route 25A and 1st pond	U, R, W
Spotted sandpiper		C, R, M
Greater yellowlegs		C, R, M.
Lesser yellowlegs		U, R, M
Short-billed dowitcher		Rare, I
Great black-backed gull		C, R
Herring gull		A, R
Ring-billed gull		C, R
Laughing gull		C, R, S
Common tern		U, R, S
Least tern		C, R, S
Mourning dove		C, R, B
Yellow-billed cuckoo		U, R, M
Screech Owl (H.D.)		U, R
Great Horned Owl (H.D.)	Seen by 2nd pond, C. 1965	Rare I
Long-eared owl (H.D.)	Seen by 2nd pond, C. 1965	Rare, I
Short-eared Owl		Rare, I, M
Saw-robet Owl		Rare, I, M
Whip-poor-wills		Rare, R
Nighthawk		C, R, S
Chimney Swift		C, R, S
Belted Kingfisher		C, R, S
Yellow-shafted flicker		C, R, S
Yellow-bellied sapsucker	(evidence only; we lack sight period)	U

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<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Hairy woodpecker		U, R, W
Downy woodpecker		C, R
Eastern kingbird		U, R, S
Great crested flycatcher		U, R, S
Eastern phoebe		C, R, B, S
Least flycatcher		U, R, S
Tree swallow		U, R, S
Bank swallow		U, R, S
Roughwinged swallow		C, R, B, S
Barn swallow		C, R, B, S
Blue jay		C, R, B
Common crow		C, R
Black-capped chickadee		C, R, B
Tufted titmouse		Rare, I, W
White-breasted nuthatch		C, R
Brown creeper		U, R
Carolina wren		U, R, S
Catbird		C, R, B
Brown thrasher		C, R, S
Robin		C, R, B
Wood thrush		C, R, S
Hermit thrush		U, R, M
Swainson's thrush		U, R, M
Veery		U, R, S
Ruby-crowned ringlet		U, R, W
Cedar waxwing		C, R, M
Sterling		C, R, B
Yellow-throated vireo	Seen once, June 16, 1962	R, I
Red-eyed vireo		C, R, S

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<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Black and white warbler		C, R, M
Blue-winged warbler		C, R, M
Parula warbler		U, R, M
Yellow warbler		C, R, B
Black-throated Blue warbler		C, R, M
Myrtle warbler		C, R
Cerulean warbler		R, I, M
Blackburnian warbler		U, R, M
Blackpoll warbler		U, R, M
Palm warbler		U, R, M
Ovenbird		C, R, B
Northern Waterthrush		C, R, S
Louisiana Waterthrush		U, R, S
Yellowthroat		C, R, B
Canada warbler		U, R, M
American redstart		C, R, B
House sparrow		C, R, B
Redwinged Blackbird		C, R, B
Baltimore oriole		C, R, B
Rusty Blackbird		R, I
Common grackle		C, R, B
Brown-headed cowbird		C, R
Scarlet tanager		U, R, M
Cardinal		U, R
Rosebreasted grosbeak		U, R, B (?)
House finch		C, R
Pine siskin		U, I, W
American goldfinch		C, R
Rufous-sided towhee		C, R, B

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<u>Species</u>	<u>Notes</u>	<u>Codes</u>
Savannah sparrow		U, R
Slate colored junco		U, R, W
White-throated sparrow		C, R, W
Swamp sparrow		U, R
Song sparrow		C, R, B

SNAKES - 4 species

Milk - harbor perimeter near buildings; probably in marsh - Common

Ringnecked - in rotting stumps on hillside. Common.

Eastern Garter Snake - west side of inner harbor - Uncommon

Black racer - west side of inner harbor - Uncommon

Black racer - west side of inner harbor; pond perimeter. Common.

Note: Ribbon snake is found near area but has not been reported inside area.
No corn or smooth green snakes have been seen, but the latter may occur in the area.

TURTLES - 4 species

Eastern box - whole area - Uncommon since drought

Painted - ponds, common

Snapping turtle - ponds - Common

Diamond-backed terrapin - harbor, Common

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SALAMANDERS - 4 species

Spotted - ponds, Uncommon

Red-backed - ponds, Uncommon

Two-lined - ponds, Uncommon

Four-toed - margin of ponds and stream between ponds = Rare - H. Dam reports former newt and red eft population in ponds area, but has not seen recently (since DDT spraying)

FROGS - 8 species

Pickerel - ponds, uncommon

Leopard - ponds, uncommon (H. Dam)

Green - " "

Wood - " " (H. Dam)

Gray Tree " " "

Spring peeper " " "

Fowler's toad - west side of inner harbor

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ZONE I - AREA 2

Opossum - common
Eastern Mode - common
Shorttailed Shrew
Little Borwn Mjotis - Common
Raccoon - Common
Longtail Weasel - Uncommon
Mink - Uncommon
Red Fox - Common
Eastern Chipmunk - *Common
Eastern Gray Squirrel - Common
So. Flying Squirrel - common
White Footed Mouse - Common
Meadow Vole - Common
Muskrat - Common
Norway Rat - Common
House Mouse - Common
Meadow Jumping Mouse
Eastern Cottontail Rabbit.- Common

(*H. Dam reports increase since DDT spraying, probably due to decline in snake population)

H. Dam reports seeing a larger bat than litte brown Mjotis but could not identify.

A gray fox has been reported at least twice since April 1967 to the west of the area. Believed to be refugee from a fox hunt.

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Zone I

Area 4 - Reporter Stephen Kistler

This area is Milldam pond. A small pond and marsh located in a very busy business area off New York Avenue and Mill Dam Road in Halesite.

Areas 3 and 5 - Reporter for #4 is Mollie Holcomb and for #5 - Carole Ellenson

Together these areas total about five acres but are in Huntington Bay near the shore. The acreage is part of former estates and a golf course with at least 20 years growth. Both are heavily planted and have much native dogwood. Also both have bird feeders, baths, and have left much undergrowth in the woods which each have retained. They are representative of what good planting and planning can do for residential property where one welcomes wildlife.

Area 6 - Reporters: William and Mary Goleeke

This area near sea level is nestled at the base of steep hills on all except the harbor side. It has one fresh water pond linked under Knollwood road by sluiceways to a sump. The area is bounded by:

- N - Fleets Cove Beach Parking Lot
- S - Cove Road
- E - Fleets Cove Road
- W - Knollwood Road

Area 7 - Reporter: Elizabeth Allen

Centerport Mill Pond - a tidal, salt water pond spring fed; at one end water retained at low tide by a dam. Shores are residential very small areas not occupied. It is a haven for large numbers of migrating ducks. Some nesting.

Area 8 - Reporter: Eugene T. Mudge

Makamah Road area - including eastern side of Grabmeadow Marsh and Geissler property which is east of Makamah Road.

Area 9 - Reporter: Ellen McMullen

Approximately seven acres of private land in East Northport.
 Boundaries: N - Locust Road to LILCO Power Line
 S - Crabmeadow Beach
 E - Norwood Road
 W - Waterside Road

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It is a varied habitat containing fresh water ponds, streams, wet woodlands, heavily wooded hilly land and some open fields and gardens. It has a fresh water marsh - Long Island Sound shoreline and some salt marsh.

Area 10 - Reporter: Alex McKay

All of Eaton's Neck and western portion of Asharoken.

Approximately 1500 acres on Eaton's Neck of which about 500 are the private property of Henry Morgan. Pheasants are raised on the property and the only pond on Eaton's neck is there. Terrain is varied: woods, fields, fresh water pond, salt marsh, and beach. Another 500 acres are occupied by smaller private estates and nurseries. The remaining 500 acres are residential developments of two acre and smaller plots, private and public beaches and undeveloped building sites.

Area is still heavily wooded with:

Oak	Sassafras
Tulip	Locust
Dogwood	maple
Birch	cedar and others.

Wild grapes, honeysuckle and poison ivy grow unmolested in the woods and provide excellent food and cover for wildlife. Also sand beach, marsh, several undulating fields, a pond and a rich intertidal mud.

The previous pages have discussed the various habitats which have been covered by our observers and reporters in the Zone I area. The following pages are lists of birds, mammals, amphibians and reptiles found in this zone.

Area A - William & Mary Goleeke - Lazar's pond - Centerport. A refuge for migratory ducks. In constant danger of being filled. Some filling has occurred; Birds avoiding that area.

Area G George & Virginia Aery - 32 Milmoor Ct., Northport - 2/3 Acre - near right-of-way proposed Northport - Babylon - Expressway - Hilly, wooded, upland.

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ZONE I - AREAS a-3-5-g BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA</u>
Greater Scaup	A		5
Bufflehead	C		5
Oldsquaw	C		5
Red Br. Merganser	R		5
Herring Gulls	C		5
Laughing Gulls	U		5
Common Tern			5
Bob-White	C	I/B	a
Ring-Necked Pheasant	C	R/B	a/3
Mourning Dove	C	R/B	a/3/5/g
Yellow Billed Cuckoo	U		a
Black Billed Cuckoo	U	I/M	a
Screech Owl	U		a
Chimney Swift	U		a
Ruby Thr. Hummingbird	U		a
Yellow Shafted Flicker	C/U	SR/B	a/3/5/g
Yellow Bellied Sapsucker	U	SP F/M	a
Hairy Woodpecker	U	R	a/g
Downey Woodpecker	C	R	a/5/g
Eastern Kingbird	U	M	a/5
Great Crested Flycatcher	U	T	a
Eastern Phoebe	C	SPM	a/5
Barn Swallow	C		a
Blue Jay	U		3/5/g
Common Crow	C		a/3/g
Black Capped Chickadee	C	B	a/3/5/g
Tufted Titmouse	U	WR	a
White Breasted Nuthatch	C	WR	a/3
Red Breasted Nuthatch	U	M/WR	a
Brown Creeper	U	M/WR	a/g
House Wren	U	B	a/5/g

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ZONE I - AREAS a-3-5-g BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA</u>
Carolina Wren	U		a
Mockingbird	U		a/3/5
Catbird	C	R/B	a/3/5/g
Brown Thrasher	U	R	a/3/g
Robin	C/A	R/B	a/3/5/g
Wood Thrush	U	M	a
Hermit Thrush	U	N	a
Swainson's Thrush	U	M	a/5
Verry	U	I/M	a/5
Golden Crowned Kinglet	U		a
Ruby Crowned Kinglet	U		a/3/5
Cedar Waxwing	U		a
Starling	C/A	R/B	a/3/5/g
Red-eyed Vireo	U		a
Black and White Warbler	U	M	a/5/g
Blue Winged Warbler	U	I/M	a/5
Yellow Warbler	U	I/M	a/5
Black-Throated-Blue	U		a
Myrtle Warbler	U	M	a/g
Blackpoll	C	R/M	a
Ovenbird	U	Apr. M	a/g
Northern Water Thrush			g
Connecticut Warbler	U	T	a
Yellowthroat	U	R/B	a
Canada Warbler	U	R/B	a
Redstart	U	R/B	a/5
House Sparrow	C	R/B	a/3/g
Red Winged Blackbird	C	Spr.S F	a/3/5/g
Baltimore Oriole	C	SR/B	a/3/5/g

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ZONE I - AREAS a-3-5-g BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA</u>
Grackle	C/A	SR/B	a/3/5/g
Brown Headed Cowbird	C		a/3/5/g
Scarlet Tanager	R	T	a
Cardinal	C	B	a/3/5/g
Rose Br. Grosbeak	R	T	a/5/g
Indigo Bunting	U	I/M	a
Purple Finch	U	WV	a/3
House Finch	C	R	a/3/5/g
Pine Siskin	R	T	a
American Goldfinch	C	M	a
Rufous Sided Towhee	C	SR/B	a/5/g
Slate Col. Junco	C	WR	a/3/5/g
Tree Sparrow	U		a
Chipping Sparrow	U	WR	a/3/5
Field Sparrow	U	WR	a/3
White Crowned Sparrow	U	T	a
White Throated Sparrow	C	R	a/g
Fox Sparrow	C	WR	a/3/5/g
Song Sparrow	C	R/B	a/3/5

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ZONE I - Areas a-3-5-g - MAMMALS *

<u>MAMMAL</u>	<u>AREA</u>	<u>OCCURRENCE</u>
Opposum	a/5/g	C B N
Eastern Mole	a	C B
Shorttail shrew	A	U
Little Brown Bat	a	U
Red Bat	a	U
Raccoon	a/3	C B N
Eastern Chipmunk	a/3/5/g	C B
Eastern Gray Squirrell	a/3/5/g	C B
White Footed Mouse	a	C B
Meadow Vole	a/3	C B
Norway Rat	a	U B N
House Mouse	a/3	C B N
Eastern Cottontail Rabbit	a/3/5	C B

* Occurrence is reported only for area "a"

Reptile

Eastern Box Turtle

a

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ZONE I - Areas 4 - 6a - 6 - 7 PONDS

<u>BIRD</u>	<u>AREA OBSERVED AND OCCURRENCE</u>
Double-Crested Cormorant	4 R/T
Swan-Mute	4 U/R 6a/6/7 CR B
Canada Goose	4/6/7 CR M
Green Heron	4 RM
Black Crowned Night Heron	4/7 UR
Yellow Crowned Night Heron	7 U/M
Mallard	4 U/SR B 6a/6/7 C/R B
Black Duck	4 U/M 6a C/M
Baldpate	6a/7 C/M
Canvasback	6a/7 R/M
Greater Scaup	4 R/M 7 C/M
Lesser Scaup	6a CM
Hooded Merganser	6a/7 CM
Semi-Palmated Plover	4 R/T
Killdeer	4 U/R
Greater Yellowlegs	4 U/SR 7 R/SR
Lesser Yellowlegs	4 U/SR
Spotted Sandpiper	6a/7 R/SR
Great Black Backed Gull	4 R/T 7 U/SR
Herring Gull	4 CR 6a/7 AR
Ring-Billed Gull	4 UR
Laughing Gull	7 C/SR
Common Tern	4 CM 7 UM
Least Tern	4 C/SR 7 UM

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Zone I - Areas 4 - 6a - 6 - 7 Ponds (Continued)

<u>BIRD</u>	<u>AREA OBSERVED AND OCCURRENCE</u>	
Mourning Dove	4/4	CR
Kingfisher	4 UR/B	7 RR
Yellow Shafted Flicker	4 UR	7 RR
Hairy Woodpecker	4 R/T	
Downy Woodpecker	4 UR	6 UR
Crow	4 UR	6 UR
Black Capped Chickadee	6 UR	
Bank Swallow	6a	
Barn Swallow	6 UR	
Blue Jay	4 UR	6
Mockingbird	7 UR	
Catbird	4 UR	6
Robin	4 U/SR	6a/6
Yellow Warbler	6	
Yellowthroat	4 UM	6
Starling	4 CR	6a/6 CR
House Sparrow	4 CR	6
Red-Wing Blackbird	4 C/SR B	6a/6 C SR
Baltimore Oriole	6 R/SR B	
Grackle	4 C/SR	6a/6/7
Cardinal	4 R/T	6a/6/7 RR
House Finch	4 UR	7 CR
Goldfinch	4/6 U	SR

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Zone I - Areas 4 - 6a - 6 - 7 Ponds (Continued)

<u>BIRD</u>	<u>AREA OBSERVED AND OCCURRENCE</u>
Towhee	4 R/T
Slate Colored Junco	6/6a/7 U WR
Tree Sparrow	4 U/WR
Chipping Sparrow	4 U/SR
Song Sparrow	4 CR/B 6a/6 CR

MISCELLANEOUS

Eastern Cottontail Rabbit - mammal - reported in area 4
Turtles - varying sizes - reported for areas 6a/6 not identified.

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ZONE I - AREAS 8-9-10 - BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Common Loon	U	Reg.M	10
Red-Throated Loon	U	WR	10
Horned Grebe	C	R/WR	9/10
Great Blue Heron	C	Reg.S M	10
Snowy Egret	U	SR	10
Green Heron	U	SR	8/10
Black-Dr.Night Heron	C	SR	10
Mute Swan	U	R	10
Canada Goose	C	Reg. M	10
Mallard	U	M/SR	10
Black Duck	C	WR	9/10
Canvasback	C	M	10
Greater Scaup	A	WB	10
American Golden-eye	C	WR	10
Bufflehead	C	M	10
Old-Scuaw	C	WR	9/10
White-winged scoter	A/C	M/WR	9/10
Surf Scoter	U	WR	10
American Scoter	U	WR	10
Red Breasted Merganser	U	M	10
Sharp Shinned Hawk			8
Red-Tailed Hawk			8
Broadwinged Hawk			8
Marsh Hawk	U	SR/WR/R/B	9/10
Bob-white	C	R	10
Ring-Necked Pheasant	C	R	10

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ZONE I - AREAS 8-9-10 - BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Black Bellied Plover	U	M	10
Ruddy turnstone	C	M	10
Greater Yellowlegs	U	M	10
Spotted Sandpiper	U	M	10
Solitary Sandpiper			8
Great Black-backed Gull	C	WR	9/10
Herring Gull	A	R	9/10
Ring-billed Gull	A	R	10
Laughing Gull	C	M/SR	10
Bonaparte's Gull	U-A	WR/M	9/10
Common tern	C	SR	10
Least tern	C	SR	10
Rock dove	C	R	10
Mourning dove	C	SR/R B	9/10
Screech Owl	U	R/B	9
Ruby-Thr.-Hummingbird			8
Belted Kingfisher	U	R	9/10
Flicker	C	SR	10
Hairy Woodpecker	U	R/B	9/10
Downy Woodpecker	C	R/B	9/10
Eastern Kingbird	U	SR	8/10
Crested Flycatcher			8
Phoebe	U	M-SR?	8/10
Least Flycatcher			8
Wood Peewee	U	M-SR?	10
Horned Lark	U	WR	9/10

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<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Bank Swallow	A	SR	10
Barn Swallow	C	SR	10
Blue Jay	C (except this year)	R/B	9/10
Crow	A/C	R/B	9/10
Fish Crow	U/A	R	9/10
Black-capped chickadee	C	R/B	9/10
Tufted titmouse	U	R	8/10
White br. nuthatch	U/C	WR/M/WR	9/10
Brown Creeper	C	M	8/10
House Wren	C	SR	8/10
Mockingbird	U	R	8/10
Catbird	C/U	SR/WR	8/10
Brown Thrasher	U	SR	8/10
Robin	C	SR	9/8/10
Wood thrush	C	M	8/10
Hermit thrush	C	M	10
Olive backed thrush	U	M	8/10
Grey cheeked thrush	R	M	8/10
Golden cr. Kinglet	C	M	10
Ruby cr. kinglet	C	M	8/10
Cedar Waxwing			8
Starling	A	R	10
Blue Headed Vireo			8
White-eyed Vireo			8
Red-eyed Vireo	U	M-SR?	10
Black and White Warb.	C	M	8/10

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ZONE I - AREAS 8-9-10- BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Blue winged warbler	C	M	8/10
Tennessee Warbler			8
Nashville Warbler			8
Parula Warbler	C	M	8/10
Yellow Warbler	C	M	8/10
Magnolia Warbler	C	M	8/10
Black-throated-blue	U	M	8/10
Myrtle Warbler	C	M	8/10
Black-Throated-Green	U	M	8/10
Blackburnian Warbler			8
Chestnut Sided Warb.	C	M	8/10
Bay-Breasted Warbler			8
Black-poll Warbler	C	M	8/10
Cape May Warbler			8
Prairie warbler	R	M	8/10
Palm warbler	C	M	8/10
Ovenbird	C	M	8/10
Northern Waterthrush	U	M	8/10
Mourning Warbler			8
Yellowthroat	C	SR	8/10
Hooded Warbler			8
Wilson's Warbler	U	M	8/10
Canada Warbler	C	M	8/10
American Redstart	C	M-SR?	8/10
House Sparrow	C	R	9/10
Eastern Meadowlark			8
Red-wing blackbird	C	SR	8/9/10

HUNTINGTON AUDUBON SOCIETY
HUNTINGTON, NEW YORK

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ZONE I - AREAS 8-9-10 BIRDS

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Baltimore Oriole	C	SR	8/10
Ruistry Blackbird			8
Purple Grackle	A	SR/wr	8/9/10
Cowbird	C	SR/R	9/10
Scarlet Tanager	U	SR	8/10
Cardinal	C	R/B	9/10
Rose Breasted Grosbeak			8
Indigo Bunting			8
House Finch	C	R/WR/B	8/9/10
Towhee	C	SR	8/10
Slate-colored-junco	C	R/WR/	9/10
Tree Sparrow	C/U	WR	9/10
Chipping Sparrow	C	SR	8/10
Field Sparrow	U	SR/WR B	9
White Throated Sparrow	C	WR/M	9/10
Fox Sparrow	C	M	8/9/10
Swamp Sparrow	U	SR	8/10
Song Sparrow	C	R/B	9/10

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ZONE I - AREAS 8-9-10 - MAMMALS

<u>MAMMAL</u>	<u>AREA OBSERVED</u>
Opossum	9/10
Eastern mole	9/10
Raccoon	9/10
Red fox	9/10
Woodchuck	9/10
Eastern Gray Squirrel	9/10
White-footed mouse	9/10
Meadow Vole	9
Pine Vole	10
Muskrat	9
Norway Rat	9
Eastern Cottontail	9/10

ZONE I * AREAS 8-9-10 - REPTILES
Observed Area 10 only

Wood turtle
Box turtle
Painted turtle
Red-eared turtle

HUNTINGTON AUDUBON SOCIETY
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ZONE II

Zone II is the area of Huntington Township bounded on the north by the southern side of Route 25A and on the south by Northern State Parkway. It is the most heavily residential and commercial zone in the township. The land is former farmland which since the last war has been taken over for the building boom. It does not have much mature woodland.

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ZONE II

Area 2 - Reported by T. Margaret Jamer

The West Hills area encompasses approximately four square miles bounded by Jericho Turnpike on the North, Walt Whitman Road (110) on the East, Northern State Parkway on the South and Round Swamp Road on the West.

The area is typically glacial moraine with hills of glacial gravel. Jayne's Hill, the highest point on Long Island, is also the highest point on the Atlantic Coast between Grymes Hill, Staten Island and Mt. Desert, Maine. It is 428' high, a triangulation station of the United States Survey and is noted as "High Hill" on the Geologic Survey map.

Historically the area is of interest. Alexander Hamilton in 1744 and George Washington in 1756 traveled over the West Hills Highway also known as the Old Post Road, now Chichester Road. It followed the route of an earlier Indian path. Walt Whitman lived on the Old South Path which led from Huntington through Melville and on to Amityville. The Walt Whitman House still stands on this road, now Walt Whitman Road. In more recent times, Col. Henry Stimson, Secretary of War in the early 1940's lived at High Hold and enjoyed riding on the numerous bridle trails which still form a network through this relatively undeveloped area.

A very narrow strip along the eastern edge of the area, fronting on Route 110 is almost entirely commercial and industrial. Otherwise, although many homes have been built during the past ten years, except for a very small development at the northwest end near Jericho Turnpike, most homes are set back from the two interior roads which cross from North to South (Sweet Hollow and Hartman Hill) and the wooded hilly nature of the area has been retained. A considerable area is wild and is especially attractive in May when the abundant native white dogwood is in flower on all the slopes.

A large camp, the Henry Kaufman Boy Scout Camp of the Greater New York Boy Scouts, covers considerable territory along High Hold Drive and Round Swamp Road. Approximately 428 acres (the Old Gwynne property) near Reservoir Avenue and the South Huntington water tower, now belongs to the county and various plans call for development as a picnic area, golf course etc. If half of this area were retained

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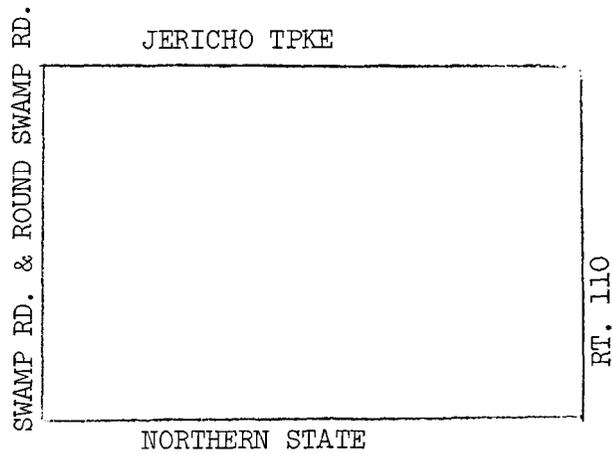
WILDLIFE CENSUS

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Area 2 (Continued)

in its natural condition it would provide an ideal location for an Audubon Nature Center, or similar use, with bridal paths furnishing ready made access to nature trails.



WEST HILLS

HUNTINGTON AUDUBON SOCIETY
Huntington, New York

WILDLIFE CENSUS
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ZONE II - Description of Areas Covered

Area 9 - Nina Combes

Boundaries: N - Pulaski Road
S - Jericho Tpke
E - Elwood Road
W - Park Avenue

This primarily residential area encompasses rolling hills and flatland, some heavy woods, some fields and some meadow land. It has four small fresh water ponds that are dry in a drought season. There are four schools, two churches a few small businesses - mainly grocery stores restaurants, and gasoline stations. There are two sod farms, two poultry farms one large truck farm and a town ball-field.

Area 10 - Bill Reeves with a team consisting of T. Jackson, W. Muller, R. Powder, and S. Ince and Pat Reeves.

Boundaries: N - Pulaski Road
S - Jericho Tpke.
W - Elwood Road
E - Town Line Road

This area is along the eastern boundary of Huntington Township and is approximately seven square miles. Prior to World War II this area was largely farm and woodland. In the last fifteen years the primary influence on the wildlife has been the rapid expansion of human development and population which is at present in excess of 14,000 - giving an overall population density of 2000 per square mile.

Estimated land usage in this area:

<u>Category</u>	<u>Per Cent</u>
Commercial & Town Dump	5.5
Woodland	2.5
Farmland & Nurseries	11.5
Schools, Parks, & Day Camp	1.5
Residential	80.

This area is still developing. Nurseries and remaining farmland will go soon.

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Key to the Lists for Zone II

Relative Abundance

- U - Uncommon - less than 10 in any one day
 C - Common - 10 to 100 per day
 A - Abundant - 200 plus per day
 R - Rare - 1 or 2 per season

Occurrence

- R - Resident
 M - Migrant
 SR - Summer Resident
 WR - Winter Resident
 T - Transient
 B - Breeds

Special Notes:

B for breeding is meant only for area 9. The other two areas did not report this information. Nina Combes area 9 reporter, also states she is sure there are many more breeding birds in this area but she recorded only those actually observed with nesting sites or immature young.

Bill Reeves reports the Red Bellied Woodpecker remained from 12/24/66 thru - 1/4/67. He also had a pair of nesting Broadwinged Hawks, located in a woodland just to the west of his census area. No young were raised, but hatching did occur as shells were picked up beneath the nest before it was destroyed by predator or storm.

Area 1 did not report relative abundance or occurrence. The listings for the other two areas are in west to east order.

Example:	Herring Gull	U/C	T/R	9/10
reads	" "	Uncommon area 9	Common area 10	
		Transient " 9	Resident " 10	

Where there was general agreement on relative abundance and occurrence there is only one listing followed by the area numbers.

HUNTINGTON AUDUBON SOCIETY
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ZONE II

Summary Sheet

BIRDS	85 species
MAMMALS	8 species
REPTILES	5 species
AMPHIBIANS	2 species

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 Huntington, New York
 ZONE II
WILDLIFE CENSUS
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<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Green Heron	R (in small shallow pond, Godfrey La. Greenlawn)	T	9
Snow Goose	U	M (3 April)	10
Broad Winged Hawk	R	SR	10
American Kestrel	U	R	10
Bob-White	C	R	1/9/10
Woodcock	R (obs. in courtship perf. Cuba Hill Rd.)	SR	9
Killdeer	R	M (1) Marsh)	10
Greater Yellowlegs	R	M	10
Herring Gull	U/C	T/R	9/10
Rock Dove	C	T	1/9/10
Mourning Dove	C	R/B	1/9/10
Yellow-Billed Cuckoo	R	SR/M	9/10
Black-Billed Cuckoo	R	SR/M	9/10
Chimney Swift	U/C	SR	9/10
Ruby Throated Hummingbird	R	M	9
Flicker	U	SR	1/9
Red-bellied Woodpecker	R	T	10
Hairy Woodpecker	U	R	9
Downy Woodpecker	U	R	1/9/10
Eastern Kingbird	U	SR	9/10
Crested Flycatcher	U	SR/B	9/10
Eastern Phoebe	U	M	9
Wood Pewee	U	M	1/9
Tree Swallow	C/U	SR/M	1/9/10
Barn Swallow	C	SR	1/9/10

HUNTINGTON AUDUBON SOCIETY
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Zone II

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<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Blue Jay	C	M/SR/R B	1/9/10
Common Crow	C	SR/R	1/9/10
Black-Capped Chickadee	U	R	1/9/10
Tufted Titmouse	R	M	9
White Br. Nuthatch	U	R	9/10
Brown Creeper			1
House Wren	U	SR	1/9/10
Mockingbird	U	R	1/9/10
Catbird	U/C	SR	1/9/10
Brown Thrasher	U/C	SR	1/9/10
Robin	C	SR (7 Feb)	1/9/10
Wood Thrush	U/C	SR/ B	1/9/10
Hermit Thrush	U	SR/ B	9
Swainson's Thrush	U	M	9
Gray Cheeked Thrush	U	M	9
Veery	U	M	9
Ruby-Crowned Kinglet	U	M	9
Starling	A	R	1/9/10
Red-eyed Vireo	C	SR	1/ /10
Warblers:			
Black and White	U	M	1/9/10
Worm-eating	R	M	/10
Blue Winged	U	SR	9
Parula	U/C	M	9/10
Yellow	U	M	9
Magnolia	C	M	9/10
Black-Throated-Blue	R	M	/10

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Zone II

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<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
Warblers (Cont'd.)			
Myrtle	C	M/R Except Summer	1/9/10
Black-Throated-Green	U	M	10
Blackburnian			1
Chestnut Sided			1
Blackpoll	U	M	9
Oven-Bird	R	M	1/9
Northern Waterthrush	R	M(stayed 3 wks pond, Brook Hill La.	9
Yellowthroat	U	M	1/9/10
Yellow Breasted Chat			1
Canada Warbler	C	M	1/9
American Redstart	U	M	1/9
House sparrow	C/A	R	1/9/10
Bobolink	C	M	9
Eastern Meadowlark	U	SR	1/ /10
Red-Winged Blackbird	C	SR (26 Feb.) B	9/10
Baltimore Oriole	U/C	SR	1/9/10
Rusty Blackbird			1
Common Grackle	C/A	SR(20 Feb.)	1/9/10
Brown Headed Cowbird	C	SR (14 Mar.)	1/9/10
Scarlet Tanager	U	SR	9
Cardinal	U/C	SR/R B	1/9/10
Rose-Breasted Grosbeak	U	M	9
Purple Finch			1
House Finch	C	R	9/10

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Zone II - Birds

<u>BIRD</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>	<u>AREA OBSERVED</u>
American Goldfinch	U/C	SR/R	1/9/10
Rufous-sided Towhee	U/C	SR	1/9/10
Savannah Sparrow	U	WR	9
Slate-Colored Juco	C	WR	9/10
Tree Sparrow	U	WR	9
Chipping Sparrow	U/C	SR	1/9/10
Field Sparrow	U	WR	9
White Crowned Sparrow	U	M	10
White Throated Sparrow	U	WR/M	1/9/10
Song Sparrow	U/C	R	1/9/10

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Zone II - MAMMALS

<u>MAMMAL</u>	<u>AREA OBSERVED</u>
Opossum	9
Eastern Mole	1
Raccoon	9/10
Eastern Gray Squirrel	1/9/10
Eastern Chipmunk	9
Eastern Cottontail	1
Meadow Vole	1
House Mouse	9

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ZONE II - REPTILES

<u>REPTILES</u>	<u>AREA SIGHTED</u>
Eastern Box Turtle	9/10
Snakes: Northern Brown Snake	9
Eastern Garter	1/9
Ribbon	9
Milk Snake	9

ZONE II AMPHIBIANS

Red Spotted Newt	1/9
Green Frog	1/9

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ZONE III

Summary Sheet

BIRDS	<u>144</u> species
MAMMALS	<u>21</u> species
REPTILES	<u>7</u> species
AMPHIBIANS	<u>11</u> species

HUNTINGTON AUDUBON SOCIETY
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ZONE III

This area is located from the Southern part of Northern State Parkway to the Town of Babylon Boundary.

Area l - Ena Kunzer, with some help from her neighbor, Kurt Schluter.

Located near Northern State Parkway in Melville- NW of intersection of Sweet Hollow Road and Old Country Road - this area is about 500 acres - low population density. The area includes open fields and wooded hillsides. No fresh or salt water marshes. The area is one of the last large wooded and farmed areas left in Melville. It lies between the parkway and expressway and though zoned two acres is under constant harassment for downzoning by developers.

Area K - Kalbfleisch Field Research Station, Dix Hills, Huntington, Wesley E. Lanyon, Phd., Resident Director. With Dr. Lanyon's kind permission we used the provisional check list of "The Vertebrates of the Kalbfleisch Research Station" and the description of the area which follows is from the "Working Manuscript for the Birds of the Kalbfleisch Field Research Station."

The Kalbfleisch Field Research Station is a 94 acre field laboratory located in the Dix Hills section of Huntington Township... The Dix Hills are part of the Ronkonkoma moraine, a terminal moraine deposited during the Wilsonsin glacial stage, and are located almost centrally within the main land mass of Long Island. Oak-hickory woodland, shrubland and woody fence rows, and open fields are the three predominant vegetation communities on this gently rolling estate. Irregular plantings of ornamental conifers border the Station's roadways and lawns. A small permanent pond, an eighth of an acre in size, and several vernal ponds and experimental pools are the only aquatic communities. The land now included within the Station's boundaries had been cultivated, pastured, or operated as farm woodlots for at least 150 years before it was acquired by the American Museum of Natural History in 1957. Subsequently the vegetation has been managed through the use of herbicides, prescribed burning, and mowing, to maintain a diversity of habitat and to permit controlled studies of the responses of certain animal populations to successional and experimental changes in the plant communities.

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Definition of terms used in the following lists. (For Zone III these definitions are from the Kalbfleisch Provisional Checklist 12/1/61.)

For All Species: Regular - recorded annually
Irregular - not recorded annually

For Birds: Permanent Resident - the same individual of the species remains throughout the year.

Rare - 1 or 2 individuals seasonally
Uncommon - more than 2 individuals seasonally but rarely more than 2 per day.
Fairly common - 3 to 6 individuals daily when present
Common - 7 - 15 individuals daily, when present.
Very common - 16 to 25 individuals daily, when present.
Abundant - more than 25 individuals daily, when present.

For Mammals: Rare - 1 or 2 individuals annually
Uncommon - more than 2 individuals annually, but not recorded daily.
Fairly common - 1 to 4 individuals daily.
Common - 5 to 15 individuals daily
Abundant - more than 15 individuals daily.

For Reptiles: Rare - 1 or 2 individuals annually
Uncommon - 3 to 6 individuals annually but not daily.
Fairly common - more than 6 individuals annually but not daily.
Common - recorded daily, when active.

For Amphibians: Rare - 1 or 2 individuals annually
Uncommon - 3 to 6 individuals annually but not daily.
Common - 1 - 10 individuals recorded daily, when active.
Abundant - more than 10 individuals recorded daily when active.

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Fairly common - 3 to 6 individuals daily, when present

Common - 7 - 15 individuals daily, when present.

Very common - 16 to 25 individuals daily, when present

Abundant - more than 25 individuals daily, when present.

For Mammals: Rare - 1 or 2 individuals annually

Uncommon - 3 to 6 individuals annually but not daily.

Fairly common - more than 6 individuals annually but not daily.

Common - recorded daily, when active.

For Amphibians: Rare - 1 or 2 individuals annually

Uncommon - 3 to 6 individuals annually but not daily.

Common - 1 - 10 individuals recorded daily, when active.

Abundant - more than 10 individuals recorded daily when active

For Reptiles: Rare - 1 or 2 individuals annually

Uncommon - 3 to 6 individuals annually but not daily.

Fairly common - more than 6 individuals annually but not daily.

Common- recorded daily, when active.

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<u>BIRD</u>	<u>AREA</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>
Heron, Great Blue	K	Rare	Irregular, Summer
Green	K	Uncommon	Reg. May-Sept.
Black Cr. Night	K	Rare	Irregular, Summer
Mallard	1/K	Common	Spring Visitor/Breeds
Wood Duck	K	Rare	Irreg./Spring & Fall
Hawk, Sharp Shinned	K	Rare	Irreg./Fall & Winter
Red Tailed	K	Uncommon	Regular/Summer/& Winter
Red Shouldered	K	Rare	Irreg./Migrant
Broad Winged	1/K	Uncommon	Nest 6/65
Sparrow	K	Common	Reg. Migrant, Nest 6/65
Marsh	K	Rare	Rare Winter Vis./ Uncommon summer res. Irreg. & rare migrant & summer visitor.
Osprey	K	Rare	Irreg. & rare visitor
Pigeon Hawk	K	Rare	Irreg. & rare migrant
Bob-White	k/K	Common	Permanent Resident
Ring-Necked Pheasant	1/K	Common	Permanent Resident
Virginia Rail	K	Rare	Irreg. Fall Migrant
American Woodcock	K	Common	Summer Res./Breeds
Spotted Sandpiper	K	Rare	Reg. Fall Migrant Fall Visitor
Solitary Sandpiper	K	Uncommon	Reg. Migrant
Herring Gull	1	Common	
Rock Dove	1/K	Common	Permanent Resident
Mourning Dove	1/K	Common	Reg. Summer Res./ Breeds/
Yellow Billed Cuckoo	K	Uncommon	Reg. Summer Res./ Breeds
Black Billed Cuckoo	K	Uncommon	Reg. Summer Res./ Breeds
Screech Owl	K*	Uncommon	Perm. Res./Breeds
Great Horned Owl	K	Rare	Irreg. Rare Visitor (a former Dix Hills Res.)
Saw Whet Owl	K	Rare	Irreg. Rare Winter
Whip-Poor-Will	K*	Rare	Irreg. Rare Spring Mig. (A former Dix Hills Res.)
Common Nighthawk	K	Abundant	Reg. Fall Migrant
Chimney Swift	1/K	Common	Reg. Common Migrant/ Summer Resident

*Area 1 reports no owls since 1963

Area 1 reports no whip-poor-wills
since 1965

Area 1 reports no hummingbirds since 1964

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<u>BIRD</u>	<u>AREA</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>
Ruby Throated Hum-*			Summer Resident
mingbird	K	Uncommon	Reg. Summer Visitor
Belted Kingfisher	K	Uncommon	Reg. July-Oct. Visitor
Yellow Shafted Flicker	1/K	Abundant	Reg. Abundant migrant & common summer resident. Breeds./Irreg. & uncommon winter visitor
Yellow Bellied Sapsucker	1/K	Common	Reg. Spring & Fall Mig. Irreg. & Uncommon
Hairy Woodpecker	K	Uncommon	Visitor to K, but an unco uncommon perm. res. in Dix Hills.
Downy Woodpecker	1/K	Common	Perm. Resident/Breeds.
Eastern Kingbird	1/K	Common	Reg. Common migrant
Great Crested Fly-catcher	1/K	Common	Reg. Migrant & Summer Res./Breeds
Eastern Phoebe	1/K	Uncommon	Reg. Uncommon Spring Migrant. Fairly Common Fall Migrant
Yellow Bellied Flycatcher	K	Uncommon	Reg. Fall migrant
Traill's Flycatcher	K	Uncommon	Reg. Fall migrant
Least Flycatcher	K	Common	Reg. spring & Fall mig.
Eastern Wood Peewee	1/K	Common	Reg. summer res. & migrant/breeds.
Olive-sided Flycatcher	K	Rare	Irreg. fall migrant
Tree Swallow	K	Common	Reg. Spring & Fall mig.
Bank Swallow	K	Rare	Reg. Migrant
Barn Swallow	1/K	Common	Summer resident & migrant
Purple Martin	1/K	Common	Summer visitor/fall mig.
Blue Jay	1/K	Common	Reg. migrant/winter & summer resident. Breeds.
Common Crow	1/K	Common	Reg. migrant/Winter & Summer Res.
Fish Crow	1/K	Rare	Irreg. Vis.
Black Capped Chickadee	1/K	Very Common	Perm. Res./Breeds
Tufted Titmouse	K	Rare	Visitor
White Breasted Nuthatch	1/K	Common	Common migrant & winter res. Reg. uncommon summer res.
Red Breasted Nuthatch	K	Uncommon	Reg. migrant & winter visitor.

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<u>BIRD</u>	<u>AREA</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>
Brown Creeper	1/K	Common	Migrant & winter visitor
House Wren	K	Common	Reg. migrant & Summer res./Breeds
Winter Wren	K	Uncommon	Reg. migrant
Carolina Wren	K	Uncommon	Irreg. Uncom. Visitor May be breeding.
Mockingbird	1/K	Rare	Irreg. Visitor to K First obs. spring 1965 in Melville
Catbird	1/K	Abundant	Reg. Summer Res. & migrant/Breeds
Brown Thrasher	1/K	Common	Summer/Res. & Migrant Rare winter straggler.
Robin	1/K	Very Common	Summer Res. & Abundant
Wood Thrush	1/K	Very Common	Summer Res. & Migrant Breeds.
Hermit Thrush	1/K	Common	Reg. Fall migrant. Irreg. winter visitor & spring migrant
Swainson's Thrush	K	Abundant	Reg. Migrant
Gray-Cheeked Thrush	1/K	Common	Reg. migrant
Veery	1/K	Abundant	Fall migrant-spring migrant. possible breed- ing
Eastern Bluebird	K	Rare	Former reg. migrant, Now irregular uncommon migrant
Golden Crowned Kinglet	1/K	Common	Reg. fall migrant. Uncom. spring migrant.
Rudy Crowned Kinglet	1/K	Abundant	" " "
Cedar Waxwing	K	Common	Reg. fall migrant. Irreg. & less common other times.
Starling	1/K	Abundant	Perm. Res.
White Eyed Vireo	K	Uncommon	Reg. Summer Visitor
Yellow Throated Vireo	K	Rare	Irreg. Rare Transient
Solitary (Blue Headed) Vireo	K	Uncommon	Irreg. Transient
Red Eyed Vireo	K	Common	Reg. summer res. & migrant Breeds.
Philadelphia Vireo	K	Rare	Irreg. Rare Fall Migrant
Warbling Vireo	K	Rare	Irreg. Rare Summer Visitor.
Black & White Warbler	1/K	Common	Reg. Uncommon Summer res. common mig./Breeds.
Prothonotary Warbler	K	Rare	Irreg. Rare Vagrant

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<u>BIRD</u>	<u>AREA</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>
Worm Eating Warbler	K	Uncommon	Reg. Fall migrant
Golden Winged Warb.	K	Rare	Irreg. Late sum. migrant.
Blue Winged Warbler	K	Common	Reg. Summer Res./Breeds
Lawrence's Warb. (Hyb)	K	Rare	Irreg. late sum. m migrant.
Tennessee Warbler	K	Uncommon	Irreg. fall migrant
Nashville Warbler	K	Uncommon	Reg. spring & fall migrant
Parula Warbler	1/K	Common	Reg. spring & fall migrant.
Yellow Warbler	1/K	Uncommon	Reg. Migrant & Summer vis.
Magnolia Warbler	1/K	Common	Reg. May & Sept. Mi Migrant
Cape May Warbler	k	Uncommon	Irreg. fall migrant
Black Throated Blue	K	Common	Reg. Spring & Fall migrant
Myrtle Warbler	1/K	Abundant	Reg. Spring & Abundant fall migrant
Black Throated Green	K	Common	Reg. migrant & summer vis.
Blackburnian Warbler	1/K	Uncommon	Res. spring & fall mig.
Chestnut Sided Warbler	1/K	Common	Reg. Summer res. & fall migrant Breeds.
Bay Breasted Warbler	K	Uncommon	Reg. fall migrant
Blackpoll Warbler	K	Common	Reg. Spring & fall migrant.
Prairie Warbler	K	Rare	Reg. Spring & fall migrant.
Palm Warbler	K	Uncommon	Reg. Spring & fall migrant
Ovenbird	K	Common	Reg. summer res. & migrant Breeds.
Louisiana Water Thrush	K	Uncommon	Migrant
Kentucky Warbler	K	Rare	Irreg. Vagrant
Northern Waterthrush	K	Common	Irreg. fall migrant
Connecticut Warbler	K	Uncommon	Irreg. spring & fall migrant
Mourning Warbler	K	Uncommon	Irreg. spring & fall migrant
Yellowthroat	K	Common	Summer Res. migrant/ Breeds
Yellow Breasted Chat	K	Uncommon	Irreg. migrant & summer vist. to K - breeds in Northport.
Hooded Warbler	K	Rare	Irreg. summer visitor
Wilson's Warbler	K	Uncommon	Reg. spring & fall mig.

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<u>BIRD</u>	<u>AREA</u>	<u>RELATIVE ABUNDANCE</u>	<u>OCCURRENCE</u>
Canada Warbler	1/k	Common	Reg. spring & fall migrant
American Restart	1/K	Common	Reg. spring mig. & abun. fall mig.
House Sparrow	1/K	Very Common	Perm. res./Breeds
Eastern Meadowlark	K	Uncommon	Reg. spring & fall migrant
Redwinged Blackbird	1/K	Abundant	Reg. migrant & summer res./Breeds
Orchard Oriole	K	Rare	Irreg. Summer visitor
Baltimore Oriole	1/K	Common	Reg. Summer res. & Migrant Breeds
Rusty Blackbird	K	Rare	Irreg. fall migrant
Common Grackie	1/K	Very Common	Abundant migrant
Brown Headed Cowbird	1/K	Common	Irreg. rare winter visitor
Scarlet Tanager	1/K	Common	Reg. Common Summer vis. Irreg. rare winter vis.
Cardinal	1/K	Common	Perm. Res. Breeds
Rose Breasted Gros- beak	K	Uncommon	Summer Res. & Migrant Breeds
Indigo Bunting	K	Common	Summer Res. & Migrant Breeds
Evening Grosbeak	K	Common	Irregular winter visitors
Purple Finch	1/K	Common	Reg. Migrant & winter vis.
House Finch	1/K	Very Common	Winter/Summer Res./Breeds
Pine Siskin	K	Rare	Irreg. & unpredictable visitor
American Goldfinch	1/K	Common	Reg. winter vis. & mig./ breeds.
Rufous Sided Towhee	1/K	Very Common	Summer mig. & resident Irreg. & Uncommon winter res./Breeds
Savannah Sparrow	K	Rare	irreg. Migrant
Slate colored Junco	1/K	Abundant	Reg. Migrant & winter res.
Tree Sparrow	1/K	Common	reg. migrant & winter res.
Chipping Sparrow	1/K	Common	Migrant & Summer Res./Breed
Field Sparrow	1/K	Common	Reg. Summer Res. Uncommon Winter Visitor. Breeds.
White Crowned Sparrow	1/K	Rare	Irreg. fall migrant
White Throated Sparrow	1/K	Abundant	Migrant & Winter Resident
Fox Sparrow	K	Common	Reg. Winter Resident.
Lincoln's Sparrow	K	Uncommon	Reg. Spring & fall migrant
Swamp Sparrow	K	Common	Reg. fall migrant. Irreg. rare winter visitor.
Song Sparrow	1/K	Very Common	Reg. migrant. Summer/Winter Res./Breeds.

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ZONE III - MAMMALS

<u>NAME</u>	<u>AREA</u>	<u>OCCURRENCE</u>
Opossum	1/K	Irregular and rare resident at K. Regular and on the increase at 1.
Eastern Mole	K	Reg. and common resident
Masked Shrew	K	Reg. but uncommon resident
Big Short-tailed Shrew	K	Reg. common resident
Little Brown Bat	1/K	Possibly regular fairly common resident.
Big Brown Bat	K	Reg. fairly common res.
Hoary Bat	K	First record 8/64.
Red Bat	K	Reg., uncommon summer resident
Raccoon	K	Reg. uncommon resident.
Longtail Weasel	K	Reg. uncommon resident.
Red Fox	K	Reg. uncommon resident.
Woodchuck	1/K	Reg., fairly common res.
Eastern Chipmunk	1/K	Reg. common res.
Eastern Gray Squirrel	1/K	Reg. common res.
Southern Flying Squirrel	K	Reg. uncommon res.
Woodland Deermouse	K	Reg. uncommon res.
Meadow Vole	K	Reg. common res.
Brown Rat	K	Reg. res. variable abundance
House Mouse	1/K	Reg. but uncommon resident.
White tailed deer	K	" " " "

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ZONE III - REPTILES

All of these are from the Kalkfleisch Report

<u>NAME</u>	<u>OCCURRENCE</u>
Eastern Box Turtle	Regular and common resident in fields and wooded areas.
Painted Turtle	Regular and uncommon resident
Brown Snake	Irregular and rare resident
Eastern Garter Snake	Irregular and rare resident.
Rigneck Snake	Regular uncommon resident
Black Racer	Regular uncommon resident.
Eastern Milk Snake	Regular and fairly common resident

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ZONE III - AMPHIBIANS

<u>NAME</u>	<u>AREA</u>	<u>OCCURRENCE</u>
Spotted Salamander	K	Irregular rare resident. Formerly regular occurrence in wooded areas.
Red Spotted Newt	K	Uncommon Res. in nearby pond.
Red Backed Salamander	K	Uncommon Resident
Marbled Salamander	K	Uncommon Resident Nearby
Eastern Spadefoot Toad	K	Uncommon resident
Fowler's Toad	1/K	Reg. abundant resident.
Spring Peeper	K	Reg. abundant resident
Gray Treefrog	K	Uncommon Resident nearby
Bullfrog	1/K	Reg. common resident
Green Frog	1/K	Reg. common resident
Wood Frog	K	Reg. common resident

HUNTINGTON AUDUBON SOCIETY

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WILDLIFE CENSUS - FINAL REPORT
1966-67TOWNSHIP TOTALS

Birds	<u>206</u>	Species
Mammals	<u>24</u>	Species
Reptiles	<u>13</u>	Species
Amphibians	<u>15</u>	Species

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HUNTINGTON TOWNSHIP
Accumulative Checklist

Common Loon
Red-Throated Loon
Horned Grebe
Pied-Billed Grebe
Double Crested Cormorant
Great Blue Heron
American Egret
Snowy Egret
Little Blue Heron
Green Heron
Black-Crowned Night Heron
Yellow-Crowned Night Heron
American Bittern
Mute Swan
Canada Goose
Brant
Snow Goose
Mallard
Black Duck
Gadwall
Baldpate
Pintail
Green-Winged Teal
Blue-Winged Teal
Wood Duck
Ring-Necked Duck
Canvas-Back
Greater Scaup
Lesser Scaup
American Goldeneye
Bufflehead
Oldsquaw

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HUNTINGTON TOWNSHIP

White-Winged Scoter
Surf Scoter
American Scoter
Hooded Merganser
American Merganser
Red breasted Merganser
Sharp-Shinned Hawk
Red-Tailed Hawk
Red-Shouldered Hawk
Broad-Winged Hawk
Rough-Legged Hawk
Marsh Hawk
Osprey
Pigeon Hawk
Sparrow Hawk
Bob-White
Ring-Necked Pheasant
Clapper Rail
Virginia Rail
Sora
Common Gallinule
Coot
Piping Plover
Semipalmated Plover
Killdeer
Black-Bellied Plover
Ruddy Turnstone
Woodcock
Common Snipe
Spotted Sandpiper
Solitary Sandpiper
Greater Yellowlegs

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WILDLIFE CENSUS

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HUNTINGTON TOWNSHIP

Lesser Yellowlegs
Dowitcher
Sanderling
Great Black Backed Gull
Herring Gull
Ring-Billed Gull
Laughing Gull
Bonaparte's Gull
Common Tern
Least Tern
Black Skimmer
Dovekie
Rock Dove
Mourning Dove
Yellow-Billed Cuckoo
Black-Billed Cuckoo
Screech Owl
Great Horned Owl
Long-Eared Owl
Short-Eared Owl
Saw-Whet Owl
Whip-poor-Will
Nighthawk
Chimney Swift
Ruby-Throated Hummingbird
Belted Kingfisher
Yellow-Shafted Flicker
Red-Bellied Woodpecker
Yellow-Bellied Sapsucker
Hairy Woodpecker
Downy Woodpecker
Eastern Kingbird
Great Crested Flycatcher

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HUNTINGTON TOWNSHIP

Eastern Phoebe
Yellow-Bellied Flycatcher
Traill's Flycatcher
Least Flycatcher
Wood Pewee
Olive-Sided Flycatcher
Horned Lark
Tree Swallow
Bank Swallow
Rough Winged Swallow
Barn Swallow
Purple Martin
Blue Jay
Common Crow
Fish Crow
Black-Capped Chickadee
Tufted Titmouse
White-Breasted Nuthatch
Red-Breasted Nuthatch
Brown Creeper
House Wren
Winter Wren
Carolina Wren
Mockingbird
Catbird
Brown Thrasher
Robin
Wood Thrush
Hermit Thrush
Swainson's Thrush
Gray-Cheeked Thrush
Veery
Eastern Bluebird

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Golden-Crowned Kinglet
Ruby-Crowned Kinglet
Cedar Waxwing
Starling
White-Eyed Vireo
Yellow-Throated Vireo
Solitary Vireo
Red-Eyed Vireo
Philadelphia Vireo
Warbling Vireo
Black and White Warbler
Prothonotary Warbler
Worm-Eating Warbler
Golden-Winged Warbler
Blue-Winged Warbler
Lawrence's Warbler
Tennessee Warbler
Nashville Warbler
Parula Warbler
Yellow Warbler
Magnolia Warbler
Cape May Warbler
Black-Throated Blue Warbler
Myrtle Warbler
Black-Throated Green Warbler
Cerulean Warbler
Blackburnian Warbler
Chestnut-Sided Warbler
Bay Breasted Warbler
Blackpoll Warbler
Prairie Warbler
Palm Warbler
Ovenbird
Northern Waterthrush

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WILDLIFE CENSUS

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Louisiana Waterthrush
Kentucky Warbler
Connecticut Warbler
Mourning Warbler
Yellowthroat
Yellow-Breasted Chat
Hooded Warbler
Wilson's Warbler
Canada Warbler
American Redstart
House Sparrow
Bobolink
Eastern Meadowlark
Redwinged Blackbird
Orchard Oriole
Baltimore Oriole
Rusty Blackbird
Common Grackle
Brown-Headed Cowbird
Scarlet Tanager
Cardinal
Rose Breasted Grosbeak
Indigo Bunting
Evening Grosbeak
Purple Finch
House Finch
Pine Siskin
American Goldfinch
Rufous-Sided Towhee
Savannah Sparrow
Slate Colored Junco
Tree Sparrow
Chipping Sparrow
Field Sparrow

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Louisiana Waterthrush
Kentucky Warbler
Connecticut Warbler
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WILDLIFE CENSUS
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HUNTINGTON TOWNSHIP

White-Crowned Sparrow

White-Throated Sparrow

Fox Sparrow

Lincoln's Sparrow

Swamp Sparrow

Song Sparrow

Snow Bunting

HUNTINGTON AUDUBON SOCIETY
Huntington, New York

WILDLIFE CENSUS
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HUNTINGTON TOWNSHIP
MAMMALS

Opossum
Eastern Mole
Masked Shrew
Big Short Tailed Shrew
Little Brown Bat
Big Brown Bat
Hoary Bat
Red Bat
Raccoon
Longtail Weasel
Red Fox
Woodchuck
Eastern Chipmunk
Eastern Gray Squirrel
So. Flying Squirrel
White Footed Mouse
Meadow Vole
Pine Vole
Muskrat
Norway Rat
House Mouse
Meadow Jumping Mouse
White Tailed Deer
Eastern Cottontail Rabbit

HUNTINGTON AUDUBON SOCIETY
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WILDLIFE CENSUS
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HUNTINGTON TOWNSHIP
REPTILES AND AMPHIBIANS

TURTLES

- Snapping Turtle
- Spotted Turtle
- Wood Turtle
- Eastern Box Turtle
- Diamond Backed Terrapin
- Eastern Painted Turtle

SNAKES

- Northern Water Snake
- Northern Brown Snake
- Eastern Garter Snake
- Eastern Ribbon Snake
- Northern Ringnecked Snake
- Northern Black Racer
- Eastern Milk Snake

SALAMANDERS

- Marbled Salamander
- Spotted Salamander
- Red-Spotted Newt
- Red-Backed Salamander
- Four-Toed Salamander
- Northern Two-lined Salamander

TOADS AND FROGS

- | | |
|----------------|---------------|
| Spadefoot Toad | Leopard Frog |
| Fowler's Toad | Pickerel Frog |
| Spring Peeper | Wood Frog |
| Gray Tree Frog | |
| Bull Frog | |
| Green Frog | |

HUNTINGTON AUDUBON SOCIETY
Huntington, New York

WILDLIFE CENSUS
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The following books were used as references for the common names and order of listing for the species referred to in our report:

Peterson, Roger Tory
Birds - A Field Guide to the Birds
Houghton-Mifflin - 1963

Mammals: Burt, W. H. and Grossenheider, R.P.
A Field Guide to the Mammals
(The Peterson Field Guide Series)
Houghton-Mifflin-June 1959

Reptiles and Amphibians: Conant, Roger
A Field Guide to Reptiles and Amphibians
of Eastern North America
Houghton-Mifflin-1958
(The Peterson Field Guide Series)

Dear McKay

Eaton's Neck contains many habitats ^{containing} including fresh water ponds, streams, wet woodlands, heavy wooded hilly land and some open fields. It has a fresh water marsh - long Island shore line and some salt marsh.

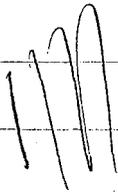
Approximately 1500 acres on EN of which 500 acres are owned by Henry Morgan. Another 500 acres are residential lots of two acre and smaller plots.

The diff habitats on EN provide diff food and shelter. Example: In the woods you may find berries and wild plants which serve as food for the animals which live there. The seashore provides small fish and clams, etc... And the marsh supplies snails and other marine organisms.

The beach at Sand City provides ideal nesting habitat for a summer colony of least terns and common terns. This area has been set aside by the town to protect these birds. B

Because of the many habitats on EN and its location on the Atlantic Flyway ~~attract~~ a great many birds ~~who stop~~ pass through EN on their migrations spring & fall.

What are the factors that
affect bird distribution on EN?



PONDS:

One, about an acre in size, in the northwestern corner of the Morgan estate, completely fenced, posted and bordered by a semi-private road. I visited it twice during the reporting period, but saw little aside from some cavorting grey squirrels and a raucous band of crows.

DIFFERENCES NOTED:

Although I am a new resident (three years) on Eaton's Neck, I have witnessed severe changes in the natural area. The building boom has crested and a few lots remain to be developed, but about 100 acres of thickly wooded and tangled hillsides ~~have~~ been converted to home and lawn. Increased use of the west beach area by boating enthusiasts has resulted in an accumulation of litter and waste in a stretch of beach that once (so I am told) provided many quarts of beach plum jelly and ~~which blossomed into a spring of business~~ now only ~~is~~ glimpsed in patches along the Asharoken strip. Add to your list of attributable elements the factor people.

I am also struck by another fact which someone might be able to explain. I have seen chipmunks on the east end of Asharoken, at Crabmeadow, but I have never seen, nor have I talked to anyone who has seen, a chipmunk on Eaton's Neck. I am at a loss to explain it. Could the geological situation of the area never have made it ~~more~~ accessible to Tamias striatus Collins tells us that Chippy is a lover of the picknic ground and the summer cottage, both of which formerly and still are here for him to enjoy. Can he have natural enemies here? It just don't make sense. Maybe the next three months will turn something up.

Alex McKay
Observer

ANIMAL CENSUS REPORT - OCTOBER 1 - DECEMBER 31, 1966

AREA LOCATION AND SIZE:

All of Eaton's Neck and the western portion of Asharoken . . . the enclosed map indicates the areas most readily accessible and most frequently checked . . . i.e. observations were made primarily along the West Beach and Hunting Bay shore of Eaton's Neck, the East Beach section of Asharoken, and the southwestern residential and wooded areas. There are approximately 1,500 acres on Eaton's Neck, approximately 500 of which are the private, posted fenced property of Henry Morgan, son of J. P. Morgan, the financier. Pheasants are raised on the property and its varied terrain, woods, fields, fresh water pond, salt marsh, beach, is suited to a variety of birds and animals. Another 500 acres are occupied by smaller private estates and nurseries. The remaining 500 acres are residential developments of two acre and smaller plots, private and public beaches, and undeveloped (although soon to be bulldozed) building sites.

APPROXIMATE HUMAN POPULATION:

2,000

DESCRIPTION OF TERRAIN:

Eaton's Neck is a wooded peninsula north of Northport, although the word "peninsula" is not entirely or invariably accurate. The umbilical Asharoken is occasionally constricted by high winds and tides, and Eaton's Neck returns for an intertidal period to its former insular and natural geologic condition. Zoning and building restrictions, along with large and moderate land holdings, have limited development to the southwestern portion of the neck, in the immediate vicinity of Price Bend and the Hobart Beach area. The population density has increased to the point where there is now more than one soul per acre, and, although many have felt the pinch, there is elbow room to be found.

The area is still heavily wooded with oak, tulip, dogwood, birch, sassafras, locust, maple, cedar, and a variety of others. Wild grapes, honeysuckle, and poison ivy grow unmolested in the woods and provide excellent food and cover for wildlife. The terrain includes a variety of other habitats -- sand beach, marsh, several undulating fields, a pond, and a rich (and frequently ripe) intertidal mud, regularly visited by gulls, crows, and shorebirds.

TIMES OF OBSERVATIONS FOR THIS REPORT:

Brief daily visits to a variety of areas on no regular pattern - a few extended walks - two or more hours - at least twice each month.

NESTING SITES OBSERVED:

None

OBSERVATIONS:

See attached list

The diff. habitats provide
diff kinds of food and shelter.

Examples

Shore line - small fish marsh

snails

and

other

marine

organisms

The beach at sand city

provides ideal nesting

habitats for a summer colony

of ^{and} least common terns.

This area has been set

aside by the town

to protect these birds.

because of the many

habitats on EN.

And its location

on the Atlantic flyway

a great many birds

pass through EN

on their migrations

spring and fall