

BIRDS FOUND IN
BUXTON WOODS
CAPE HATTERAS NATIONAL SEASHORE
DURING MAY AND JUNE OF 1986.

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Bird lists for Buxton Woods were generated from a strip-map census, which involved walking a 2.55 kilometer transect and recording every bird detected by sight or sound. The east end of the transect was located nearly 550 meters east of Open Pond. The transect extended along Open Pond Road and around the north side of Open Pond until it again joined Open Pond Road. The transect left Open Pond Road and followed "Doctor's Road" north until meeting the Park Service Boundary. The transect extended westward along the boundary another 550 meters (Figure 1).

Surveys began at alternate ends of the transect and were started within thirty minutes before sunrise. The transect was marked every fifty meters in order to divide the area covered into referable sections. Each bird was recorded between two marked sections closest to the bird, and approximate distance from the transect was estimated.

A preliminary vegetation map was generated from the field verification of an aerial photograph (Figure 2). Seven different "communities" were designated: A) Pond and Edge; B) Mixed Hardwoods; C) Mature Pine (mostly a hardwood understory); D) Young Pine (ie. pine plantations with little understory); E) Wet Thicket; F) Open Dry Thicket; and G) Overhead (no specific habitat preferred). Using the vegetation map and approximate distance from the transect, each recorded bird was assigned to a particular habitat.

Eleven surveys were completed and are presented in the following tables. Preliminary analysis of the data is also presented.

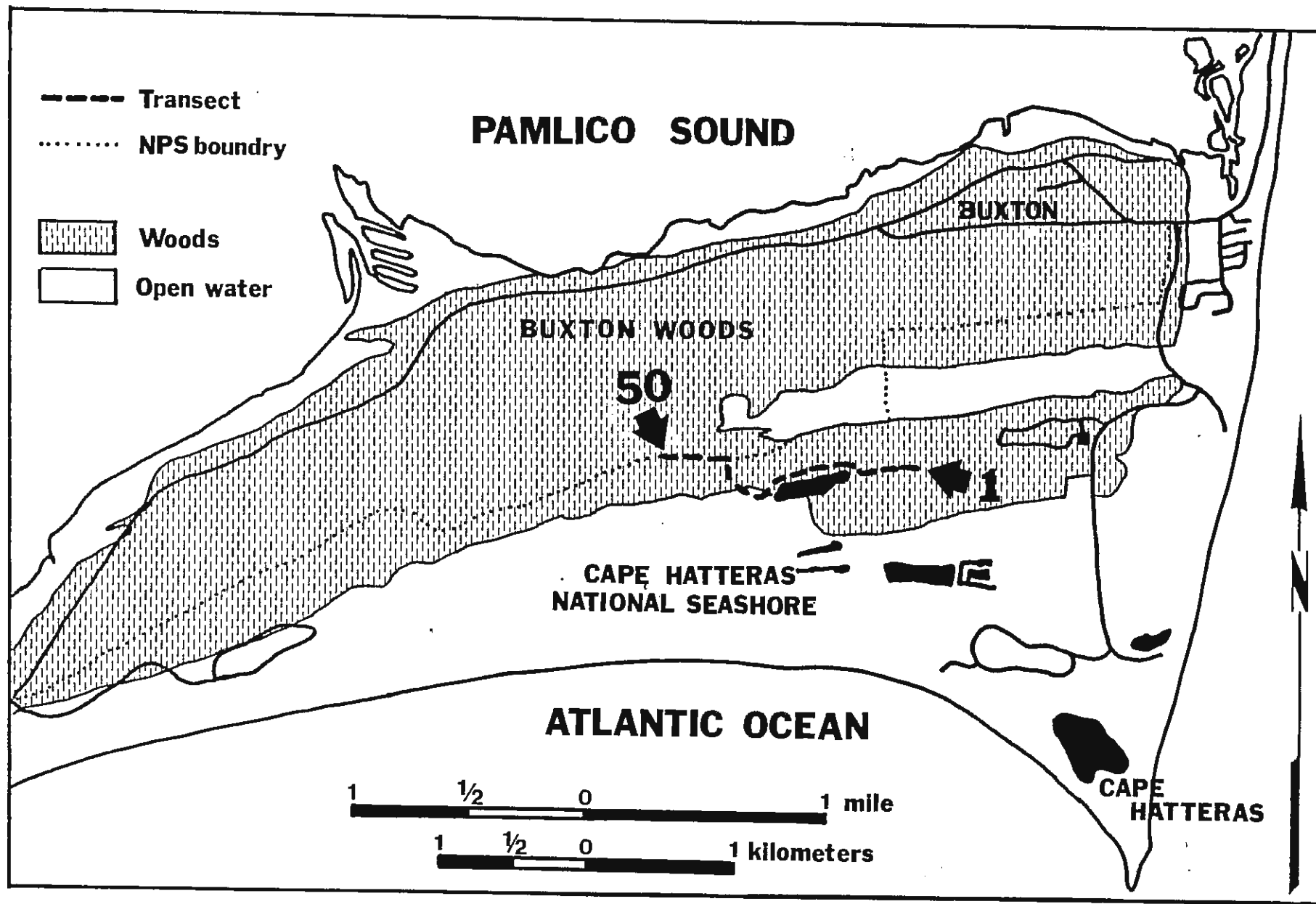


Figure 1. Transect location in Buxton Woods.

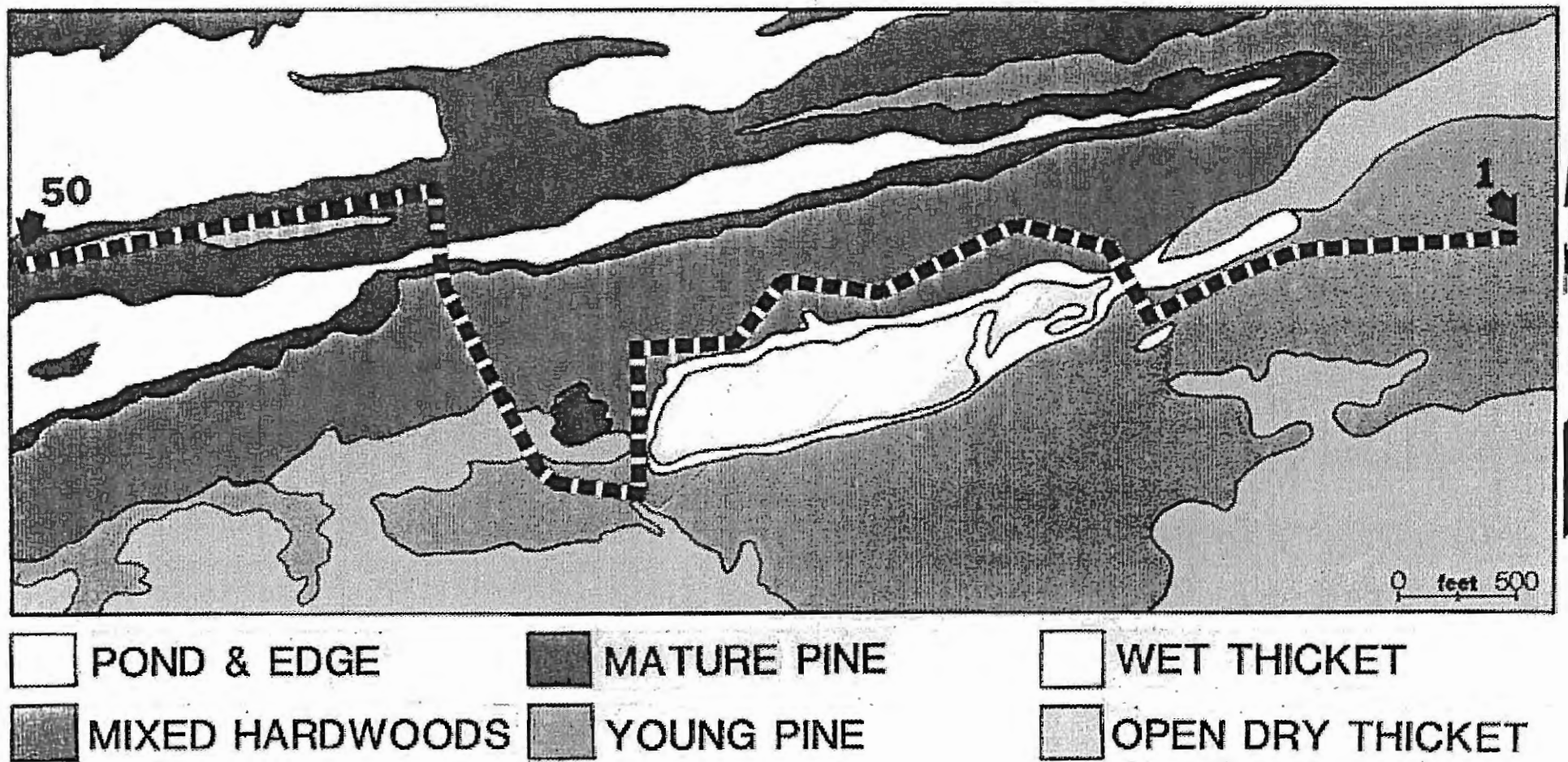


Figure 2. Vegetation communities found along transect.

22 May 1986

	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	-	-	-	-	-	-	2	2
Green Heron	-	-	-	-	-	-	-	-
Little-Blue Heron	-	-	-	-	-	-	-	-
Great Egret	2	-	-	-	-	-	-	2
Snowy Egret	1	-	-	-	-	-	-	1
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	1	1
Mallard	2	-	-	-	-	-	-	2
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	-	-	-	-	-	-	-	-
Red-Shouldered Hawk	-	2	-	-	-	-	-	2
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	2	2
Forster's Tern	3	-	-	-	-	-	-	3
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	1	-	-	-	-	1
Yellow-Billed Cuckoo	-	2	1	1	-	-	-	4
Chuck-wills Widow	-	-	-	2	-	-	-	2
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	1	-	-	-	-	1
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Creasted Flycatcher	-	2	2	3	-	-	-	7
Acadian Flycatcher	-	1	-	-	-	-	-	1
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	6	6
Purple Martin	-	-	-	-	-	-	1	1
Blue Jay	-	2	2	3	1	3	-	11
Common Crow	-	1	1	1	-	-	1	4
Fish Crow	-	1	-	-	-	-	-	1
Carolina Wren	-	6	1	7	13	-	-	27
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	1	-	1
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	4	4
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	-	-	2	3	-	-	5
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	5	2	-	-	-	7
Prairie Warbler	-	1	1	3	7	3	-	15
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	1	-	-	1
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	2	-	-	2	-	-	-	4
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	1	1	1	4	-	6	13
Brown-headed Cowbird	-	-	-	2	-	-	3	5
Summer Tanager	-	-	-	1	-	-	-	1
Cardinal	-	4	3	6	11	1	-	25
Indigo Bunting	-	-	-	-	1	-	-	1
American Goldfinch	-	-	-	-	-	-	-	-

25 May 1986

	Habitats							
	A	B	C	D	E	F	G	Total
Great-Blue Heron	1	-	-	-	-	-	-	1
Green Heron	-	-	-	-	-	-	-	-
Little-Blue Heron	1	-	-	-	-	-	-	1
Great Egret	3	-	-	-	-	-	-	3
Snowy Egret	1	-	-	-	-	-	-	1
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	1	-	-	-	-	-	-	1
Glossy Ibis	-	-	-	-	-	-	-	-
Mallard	1	-	-	-	-	-	-	1
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	-	-	-	-	-	-	1	1
Red-Shouldered Hawk	-	-	-	1	-	-	-	1
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	4	-	-	-	-	-	-	4
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	1	-	-	-	-	1
Yellow-Billed Cuckoo	-	-	-	2	-	1	-	3
Chuck-wills Widow	-	-	-	1	-	1	-	2
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	1	-	-	-	-	1
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Crested Flycatcher	-	2	1	2	-	-	-	5
Acadian Flycatcher	-	1	-	-	-	-	-	1
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	4	4
Purple Martin	-	-	-	-	-	-	1	1
Blue Jay	-	-	3	3	-	-	-	6
Common Crow	-	1	1	1	1	-	1	5
Fish Crow	-	2	-	-	2	-	-	4
Carolina Wren	-	3	4	4	11	2	-	24
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	-	-	-
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	1	-	-	-	1
Prothonary Warbler	-	-	-	3	2	-	-	5
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	2	3	-	-	-	-	5
Prairie Warbler	-	1	-	1	6	4	-	12
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	2	-	-	2
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	4	-	-	-	-	-	-	4
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	-	-	-	1	-	2	3
Brown-headed Cowbird	-	-	1	2	-	-	2	5
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	4	6	9	18	3	-	40
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

28 May 1986

	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	-	-	-	-	1	-	-	1
Green Heron	-	-	-	-	-	-	-	-
Little-Blue Heron	1	-	-	-	-	-	-	1
Great Egret	11	-	-	-	-	-	-	11
Snowy Egret	2	-	-	-	-	-	-	2
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	2	-	-	-	-	-	-	2
Mallard	-	-	-	-	-	-	-	-
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	-	-	-	-	-	-	-	-
Red-Shouldered Hawk	-	-	-	1	-	-	-	1
Osprey	-	-	-	-	-	-	1	1
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	-	-	-	-	-	-	-	3
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	1	-	-	-	-	1
Yellow-Billed Cuckoo	-	-	1	-	-	-	-	1
Chuck-wills Widow	-	-	1	-	-	-	-	1
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	-	-	-	-	-	-
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Crested Flycatcher	-	1	1	2	-	-	-	4
Acadian Flycatcher	-	-	-	1	-	-	-	1
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	8	8
Blue Jay	-	-	-	3	-	-	-	3
Common Crow	-	-	3	1	-	-	1	5
Fish Crow	-	1	-	-	-	-	1	2
Carolina Wren	-	4	5	7	12	3	-	31
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	-	-	-
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	-	-	2	3	-	-	4
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	3	1	-	-	-	4
Prairie Warbler	-	1	1	2	5	2	-	11
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	1	-	-	1
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	1	-	1	-	1	-	-	3
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	-	1	-	-	-	6	7
Brown-headed Cowbird	-	-	-	-	-	-	5	5
Summer Tanager	-	-	-	1	-	-	-	1
Cardinal	-	5	6	1	17	2	-	31
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

31 May 1986

	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	1	-	-	-	-	-	-	1
Green Heron	-	-	-	-	-	-	-	-
Little-Blue Heron	1	-	-	-	-	-	-	1
Great Egret	-	-	-	-	-	-	2	2
Snowy Egret	-	-	-	-	-	-	-	-
Tricolored Heron	-	-	-	-	-	-	2	2
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	2	-	-	-	-	-	-	2
Mallard	2	-	-	-	-	-	-	2
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	1	-	-	-	-	-	-	1
Red-Shouldered Hawk	-	-	-	-	-	-	-	-
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	1	1
Forster's Tern	3	-	-	-	-	-	1	4
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	-	1	1	-	-	-	2
Chuck-wills Widow	-	-	-	-	-	-	-	-
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	1	-	-	-	-	1
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Creasted Flycatcher	-	-	-	1	-	-	-	1
Acadian Flycatcher	-	-	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	2	2
Blue Jay	-	-	2	1	1	1	-	5
Common Crow	-	-	-	2	2	-	2	6
Fish Crow	-	-	-	-	-	-	-	-
Carolina Wren	-	4	3	6	13	2	-	28
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	-	-	-
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	-	-	3	3	-	-	6
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	1	4	2	-	-	-	7
Prairie Warbler	-	1	1	2	3	2	-	9
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	3	-	-	1
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	2	-	-	-	-	-	-	2
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	1	4	-	-	-	1	6
Brown-headed Cowbird	-	2	-	-	-	1	10	13
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	4	6	3	11	-	-	24
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

4 June 1986

	Habitats							
	A	B	C	D	E	F	G	Total
Great-Blue Heron	-	-	-	-	-	-	-	-
Green Heron	-	-	-	-	-	-	-	-
Little-Blue Heron	-	-	-	-	-	-	-	-
Great Egret	1	-	-	-	-	-	-	1
Snowy Egret	1	-	-	-	-	-	-	1
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	1	-	-	-	-	-	-	1
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	1	-	-	-	-	-	-	1
Mallard	2	-	-	-	-	-	-	2
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	-	-	-	-	-	-	-	-
Red-Shouldered Hawk	-	-	2	-	-	-	-	2
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	1	-	-	-	-	-	-	1
Black Shimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	-	2	2	-	-	-	4
Chuck-wills Widow	-	-	-	-	-	-	-	-
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	2	-	-	1	-	3
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Creasted Flycatcher	-	-	-	5	-	-	-	5
Acadian Flycatcher	-	-	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	5	5
Blue Jay	-	1	2	1	2	-	-	6
Common Crow	-	2	5	2	1	1	3	14
Fish Crow	-	-	-	3	-	-	-	3
Carolina Wren	-	2	3	5	9	2	-	21
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	-	-	-
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	1	-	2	2	-	-	5
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	4	3	-	-	-	7
Prairie Warbler	-	-	1	2	6	2	-	11
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	2	-	-	2
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	3	-	-	-	-	-	-	3
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	-	-	-	2	-	6	8
Brown-headed Cowbird	-	-	1	-	-	-	6	7
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	3	3	10	14	2	-	32
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

7 June 1986

	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	-	-	-	-	-	-	-	-
Green Heron	1	-	-	-	1	-	-	2
Little-Blue Heron	-	-	-	-	-	-	-	-
Great Egret	2	-	-	-	-	-	-	2
Snowy Egret	-	-	-	-	-	-	-	-
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-
Mallard	2	-	-	-	-	-	-	2
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	-	-	-	-	-	-	-	-
Red-Shouldered Hawk	-	-	-	1	-	-	1	2
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	2	-	-	-	-	-	-	2
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	1	-	1	-	-	-	2
Chuck-wills Widow	-	-	-	-	-	-	-	-
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	1	-	-	-	-	1
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Crested Flycatcher	-	1	-	3	-	-	-	4
Acadian Flycatcher	-	-	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	-	-
Blue Jay	-	1	2	5	1	-	-	9
Common Crow	-	2	-	8	-	-	2	12
Fish Crow	-	-	-	-	-	-	1	1
Carolina Wren	-	3	5	9	10	2	-	29
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	1	-	1
Wood Thrush	1	-	-	-	-	-	-	1
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	1	-	4	2	-	-	7
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	5	1	-	-	-	6
Prairie Warbler	-	-	-	2	5	1	-	8
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	-	-	-	-
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	-	-	-	-	-	-	-	-
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	4	-	-	-	-	11	15
Brown-headed Cowbird	-	-	-	-	-	-	4	4
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	2	1	7	15	-	-	25
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

10 June 1986

	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	-	-	-	-	-	-	-	-
Green Heron	-	-	-	-	1	-	-	1
Little-Blue Heron	1	-	-	-	-	-	-	1
Great Egret	10	-	-	-	-	-	-	10
Snowy Egret	4	-	-	-	-	-	-	4
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	-	-	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-
Mallard	4	-	-	-	-	-	-	4
Black Duck	-	-	-	-	-	-	-	-
Wood Duck	9	-	-	-	-	-	-	9
Red-Shouldered Hawk	-	-	-	-	-	-	1	1
Osprey	-	-	-	-	-	-	1	1
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	8	-	-	-	-	-	-	8
Black Skimmer	1	-	-	-	-	-	-	1
Mourning Dove	-	-	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	1	3	1	-	-	-	5
Chuck-wills Widow	-	-	-	-	-	-	-	-
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	-	-	-	-	-	-
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Creasted Flycatcher	-	-	-	2	1	-	-	3
Acadian Flycatcher	-	-	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	3	3
Blue Jay	-	1	3	3	-	1	-	8
Common Crow	-	-	3	2	-	-	2	7
Fish Crow	-	2	2	4	-	4	4	16
Carolina Wren	-	3	5	6	17	2	-	33
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	1	-	1
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	1	-	-	-	1
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	1	-	1	4	-	-	6
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	1	6	-	-	-	-	7
Prairie Warbler	-	-	1	2	6	1	-	10
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	3	-	-	3
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	-	1	-	-	-	-	-	1
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	-	3	-	3	-	3	9
Brown-headed Cowbird	-	-	-	-	-	2	2	4
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	2	11	5	10	-	-	28
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

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	Habitats							Total
	A	B	C	D	E	F	G	
Great-Blue Heron	-	-	-	-	-	-	-	-
Green Heron	-	-	-	-	1	-	-	1
Little-Blue Heron	-	-	-	-	-	-	-	-
Great Egret	1	-	-	-	-	-	-	1
Snowy Egret	-	-	-	-	-	-	-	-
Tricolored Heron	-	-	-	-	-	-	-	-
Black Crowned Night-Heron	1	-	-	-	-	-	-	1
Yellow Crowned Night-Heron	-	-	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	-	-	-	-
Mallard	2	-	-	-	-	-	-	2
Black Duck	3	-	-	-	-	-	-	3
Wood Duck	-	-	-	-	-	-	-	-
Red-Shouldered Hawk	-	-	-	-	-	-	2	2
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	-	-	-	-	-	-	-	-
Forster's Tern	7	-	-	-	-	-	-	7
Black Skimmer	-	-	-	-	-	-	-	-
Mourning Dove	-	-	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	-	-	-	-	-	-	-
Chuck-wills Widow	-	-	-	1	-	-	-	1
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	-	-	-	1	-	1
Eastern Kingbird	-	-	-	-	-	-	-	-
Great-Crested Flycatcher	-	-	-	2	-	-	-	2
Acadian Flycatcher	-	-	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-	-	-
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	6	6
Blue Jay	-	-	-	4	1	-	-	5
Common Crow	-	2	3	3	3	-	3	14
Fish Crow	-	5	-	-	3	1	3	12
Carolina Wren	-	5	7	5	10	1	-	28
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	-	-	-	-	-	-
Wood Thrush	-	-	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-	-	-
Prothonary Warbler	-	1	-	3	5	-	-	9
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	4	-	-	-	-	4
Prairie Warbler	-	1	-	1	3	2	-	7
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	4	-	-	4
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	2	-	-	-	-	-	-	2
Orchard Oriole	-	-	-	-	-	-	-	-
Common Grackle	-	-	1	-	-	2	11	14
Brown-headed Cowbird	-	-	2	-	-	-	2	4
Summer Tanager	-	-	-	-	-	-	-	-
Cardinal	-	3	7	8	11	3	-	32
Indigo Bunting	-	-	-	-	-	-	-	-
American Goldfinch	-	-	-	-	-	-	-	-

-1 = Frequency of occurrence for species found in each habitat per census.
 -2 = Average number of individuals seen in each habitat per census.

	Habitats							
	A1	A2	B1	B2	C1	C2	D1	D2
Great-Blue Heron	18	.18	-	-	-	-	-	-
Green Heron	9	.09	-	-	-	-	-	-
Little-Blue Heron	45	.45	-	-	-	-	-	-
Great Egret	73	2.82	-	-	-	-	-	-
Snowy Egret	64	1.18	-	-	-	-	-	-
Tricolored Heron	9	.09	-	-	-	-	-	-
Black Crowned Night-Heron	27	.27	-	-	-	-	-	-
Yellow Crowned Night-Heron	9	.09	-	-	-	-	-	-
Glossy Ibis	36	.91	-	-	-	-	-	-
Mallard	100	1.73	-	-	-	-	-	-
Black Duck	9	.27	-	-	-	-	-	-
Wood Duck	36	1.09	-	-	-	-	-	-
Red-Shouldered Hawk	-	-	9	.18	27	.45	27	.27
Osprey	-	-	-	-	-	-	-	-
Laughing Gull	9	.18	-	-	-	-	-	-
Forster's Tern	82	2.91	-	-	-	-	-	-
Black Skimmer	9	.09	-	-	-	-	-	-
Mourning Dove	-	-	-	-	27	.45	-	-
Yellow-Billed Cuckoo	-	-	36	.45	36	.55	64	.82
Chuck-wills Widow	-	-	-	-	27	.45	36	.45
Chimney Swift	-	-	-	-	-	-	-	-
Common Flicker	-	-	9	.09	64	.73	18	.27
Eastern Kingbird	-	-	9	.09	-	-	-	-
Great-Creasted Flycatcher	-	-	55	.82	36	.73	82	2.0
Acadian Flycatcher	-	-	18	.18	-	-	9	.09
Eastern Wood Peewee	-	-	-	-	-	-	9	.09
Barn Swallow	-	-	-	-	-	-	-	-
Purple Martin	-	-	-	-	-	-	-	-
Blue Jay	-	-	55	.91	82	1.91	100	2.45
Common Crow	-	-	64	1.09	73	1.82	91	2.18
Fish Crow	-	-	55	1.09	27	.36	36	.82
Carolina Wren	-	-	91	3.0	100	3.64	100	5.55
Gray Catbird	-	-	-	-	-	-	-	-
Brown Thrasher	-	-	9	.09	-	-	9	.09
Wood Thrush	9	.09	-	-	9	.09	-	-
Cedar Waxwing	-	-	-	-	-	-	-	-
White-eyed Vireo	-	-	-	-	-	-	9	.09
Red-eyed Vireo	-	-	-	-	9	.09	9	.09
Prothonary Warbler	-	-	45	.45	-	-	100	2.45
Yellow Warbler	-	-	-	-	-	-	-	-
Pine Warbler	-	-	36	.45	91	3.73	64	1.09
Prairie Warbler	-	-	45	.45	55	.55	100	1.73
Ovenbird	-	-	-	-	-	-	-	-
Common Yellowthroat	-	-	-	-	-	-	-	-
Yellow-breasted Chat	-	-	-	-	-	-	-	-
Red-winged Blackbird	73	1.82	18	.18	9	.09	18	.27
Orchard Oriole	-	-	9	.09	9	.09	9	.09
Common Grackle	-	-	36	.64	64	1.09	36	.45
Brown-headed Cowbird	-	-	9	.18	27	.36	18	.36
Summer Tanager	-	-	9	.09	9	.09	45	.64
Cardinal	-	-	91	3.55	100	5.45	100	6.00
Indigo Bunting	-	-	-	-	-	-	9	.09
American Goldfinch	-	-	-	-	-	-	-	-

- 1 = Frequency of occurrence for species found in each habitat.
 -2 = Average number of individuals seen in each habitat per census.

	Habitats					
	E1	E2	F1	F2	G1	G2
Great-Blue Heron	9	.09	-	-	9	.09
Green Heron	27	.27	-	-	-	-
Little-Blue Heron	-	-	-	-	-	-
Great Egret	-	-	-	-	9	.18
Snowy Egret	-	-	-	-	18	.18
Tricolored Heron	-	-	-	-	9	.18
Black Crowned Night-Heron	-	-	-	-	-	-
Yellow Crowned Night-Heron	-	-	-	-	-	-
Glossy Ibis	-	-	-	-	27	.36
Mallard	-	-	-	-	9	.18
Black Duck	-	-	-	-	-	-
Wood Duck	-	-	9	.09	18	.27
Red-Shouldered Hawk	-	-	9	.09	27	.36
Osprey	-	-	-	-	27	.27
Laughing Gull	-	-	-	-	36	.73
Forster's Tern	-	-	-	-	9	.09
Black Skimmer	-	-	-	-	-	-
Mourning Dove	-	-	-	-	-	-
Yellow-Billed Cuckoo	-	-	9	.09	-	-
Chuck-wills Widow	-	-	9	.09	-	-
Chimney Swift	-	-	-	-	9	.18
Common Flicker	18	.18	27	.27	-	-
Eastern Kingbird	-	-	-	-	-	-
Great-Crested Flycatcher	9	.09	-	-	-	-
Acadian Flycatcher	-	-	-	-	-	-
Eastern Wood Peewee	-	-	-	-	-	-
Barn Swallow	-	-	-	-	36	1.82
Purple Martin	-	-	-	-	82	2.73
Blue Jay	55	.64	27	.45	-	-
Common Crow	64	1.09	9	.09	100	1.82
Fish Crow	45	.82	18	.45	36	.82
Carolina Wren	100	11.0	73	1.45	-	-
Gray Catbird	9	.09	9	.09	-	-
Brown Thrasher	18	.27	36	.36	-	-
Wood Thrush	-	-	-	-	-	-
Cedar Waxwing	-	-	-	-	18	.45
White-eyed Vireo	-	-	-	-	-	-
Red-eyed Vireo	-	-	-	-	-	-
Prothonary Warbler	100	3.00	-	-	-	-
Yellow Warbler	9	.09	-	-	-	-
Pine Warbler	-	-	-	-	-	-
Prairie Warbler	100	5.27	100	2.64	-	-
Ovenbird	-	-	9	.09	-	-
Common Yellowthroat	82	1.45	-	-	-	-
Yellow-breasted Chat	9	.09	-	-	-	-
Red-winged Blackbird	18	.18	-	-	-	-
Orchard Oriole	9	.09	-	-	-	-
Common Grackle	64	1.45	36	.82	100	4.91
Brown-headed Cowbird	18	.27	27	.45	82	3.00
Summer Tanager	-	-	-	-	-	-
Cardinal	100	12.82	73	1.64	-	-
Indigo Bunting	18	.18	-	-	-	-
American Goldfinch	9	.18	-	-	9	.09

Top Five Most Abundant Species in each Habitat and
Average Number of Individuals Seen per Census.

A - Pond and Edge

Forster's Tern	(2.91)
Great Egret	(2.82)
Red-winged Blackbird	(1.82)
Mallard	(1.73)
Snowy Egret	(1.18)

B - Mixed Hardwoods

Cardinal	(3.55)
Carolina Wren	(3.00)
Common Crow	(1.09)
Fish Crow	(1.09)
Blue Jay	(0.91)

C - Mature Pine

Cardinal	(5.45)
Pine Warbler	(3.73)
Carolina Wren	(3.64)
Blue Jay	(1.91)
Common Crow	(1.82)

D - Young Pine

Cardinal	(6.00)
Carolina Wren	(5.55)
Blue Jay	(2.45)
Prothonary Warbler	(2.45)
Common Crow	(2.18)

E - Wet Thicket

Cardinal	(12.82)
Carolina Wren	(11.00)
Prairie Warbler	(5.27)
Prothonary Warbler	(3.00)
Common Yellowthroat	(1.45)
Common Grackle	(1.45)

F - Open Dry Thicket

Prairie Warbler	(2.64)
Cardinal	(1.64)
Carolina Wren	(1.45)
Common Grackle	(0.82)
Blue Jay	(0.45)
Fish Crow	(0.45)
Brown-headed Cowbird	(0.45)

G - Overhead

Common Grackle	(4.91)
Brown-headed Cowbird	(3.00)
Purple Martin	(2.73)
Barn Swallow	(1.82)
Common Crow	(1.82)

Species found in only one habitat.

Species found in only two habitats

A - Pond and Edge

Little-blue Heron
Black-crowned Night Heron
Yellow-crowned Night Heron
Black Duck
Black Skimmer

Green Heron (E)
Great Egret (G)
Snowy Egret (G)
Glossy Ibis (G)
Mallard (G)
Laughing Gull (G)
Forster's Tern (G)
Wood Thrush (C)

B - Mixed Hardwoods

Eastern Kingbird

Acadian Flycatcher (D)

C - Mature Pine

Mourning Dove

Wood Thrush (A)
Red-eyed Vireo (D)

D - Young Pine

Eastern Wood Peewee
White-eyed Vireo

Acadian Flycatcher (B)
Red-eyed Vireo (D)

E - Wet Thicket

Yellow Warbler
Common Yellowthroat
Yellow-breasted Chat
Indigo Bunting

Green Heron (A)
Gray Catbird (F)

F - Open Dry Thicket

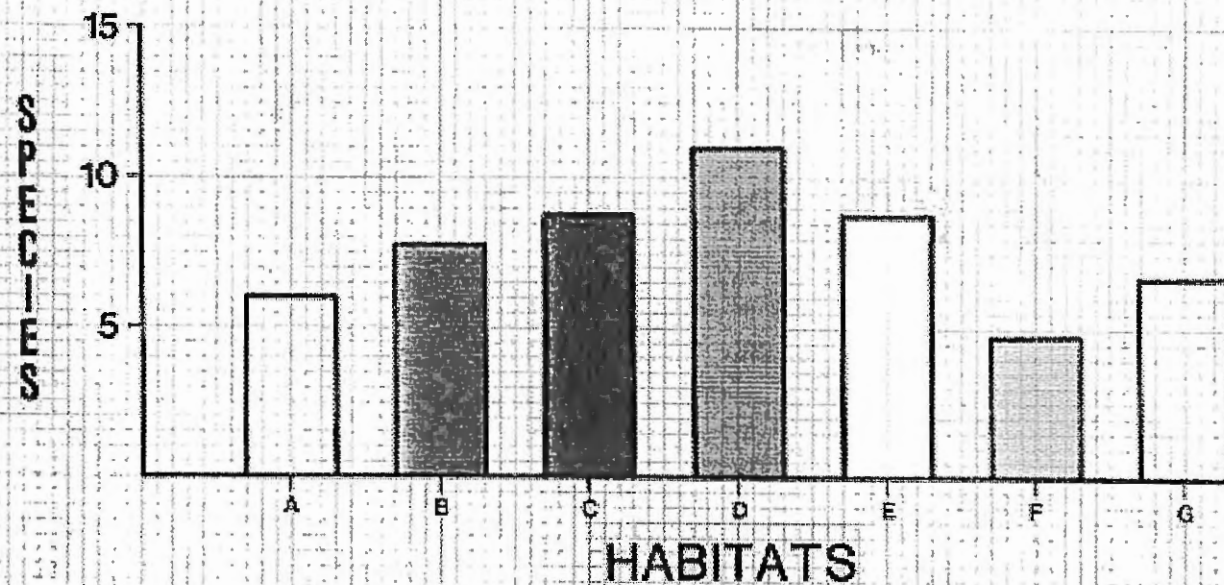
Ovenbird

Gray Catbird (E)

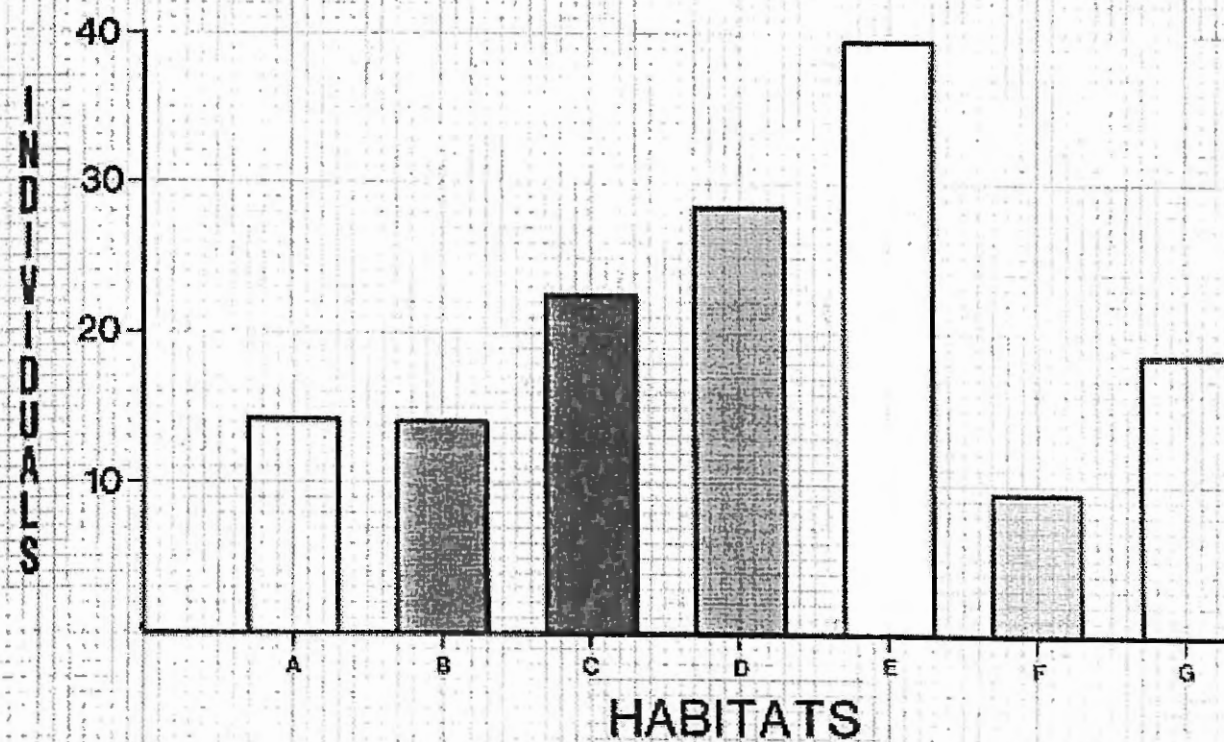
G - Overhead

Osprey
Tricolored Heron
Chimney Swift
Barn Swallow
Purple Martin
Cedar Waxwing

Great Egret (A)
Snowy Egret (A)
Glossy Ibis (A)
Mallard (A)
Laughing Gull (A)
Forster's Tern (A)



AVERAGE # OF SPECIES IN EACH HABITAT PER CENSUS



AVERAGE # OF BIRDS IN EACH HABITAT PER CENSUS