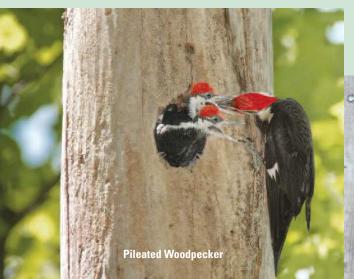


Schiff is important to birds during fall migration as well. As autumn progresses, insects are much less available as a prey base. Migrants that typically prefer insects in the spring adjust their dietary intake during fall migration to take advantage of fruiting plants. Fruits produced by these plants are high in soluble fats and easily digested. This allows a bird to quickly and efficiently replenish the fat stores it has burned off during migration. With the tank full, a bird can proceed with the next leg of the trip.



Migration is a challenging and stressful venture for all birds as they travel to and from their wintering and breeding grounds. Depending upon the species, their movements may be continental, hemispheric or even global. Regardless of the distance traveled, migratory birds rely heavily on stopover sites for a successful journey.

Prime stopover sites provide migrants with three essential resources: water, food and protection. These elements allow migratory species to rehydrate, refuel and rest along the migration corridor, thus greatly increasing their ability to successfully complete the flight to their final destination. The existence of quality stopover habitats is a critical link in the survival of all migratory bird species.

The diversity of habitats found at the Schiff Nature Preserve attracts a variety of migratory birds during spring migration. Leaf-out of the mature deciduous forest provides prey for insectivorous species as they glean insects from the canopy. The forest and shrubby thickets provide shelter and protection from avian and mammalian predators. Migrants target Schiff's streams, seeps and ponds as a source of both food and water throughout the stopover period.

(Continued)



Work still needs to be done to add to our understanding of bird distribution at Schiff. Please send comments or sightings to: info@schiffnaturepreserve.org or call the Nature Center at 973-543-6004. Reports should include sighting date, exact location, observed behavior and photographs, if possible.

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All photos courtesy of Steve Byland. www.stevebyland.com



Schiff Natural Lands Trust 339 Pleasant Valley Road Mendham, NJ 07945 973-543-6004 www.schiffnaturepreserve.org

Paper info to come

## Birds

## OF SCHIFF NATURE PRESERVE



This list contains all 154 bird species known to occur at the Schiff Nature Preserve.



## **Bird Checklist of Schiff Nature Preserve Area**

**Key To Status** 

\* = Species Last Observed on the Schiff Scout Reservation by the Boy Scouts in 1962

C - Common; Frequently seen, sometimes daily U - Uncommon; Present in small numbers

S - Scarce; may not be present daily

R - Rare; only several records per year

VR - Very Rare; species is irruptive, vagrant, or regionally sparse; does not occur annually

Winter: Within Half a Month of Dec to Feb Spring: Within Half a Month of Mar to May Summer: Within Half a Month of Jun to Aug Fall: Within Half a Month of Sept to Aug

- indicates

no presence

Common Name			Statu	
Waterfowl	Winter I S	pring l	Sumn	ner   Fall
□ Duck, American Black * □ Duck, Ruddy* □ Duck, Wood □ Goose, Canada □ Mallard □ Merganser, Common	R R S C U R	R R U C U R	R - U C U R	R R U C U R
Game Birds				
□ Pheasant, Ring-necked □ Turkey, Eastern Wild □ Grouse, Ruffed*	R U VR	R U VR	R U VR	R U VR
Diving Birds				
☐ Cormorant, Double-crested☐ Loon, Common*	R R	R R	R -	R R
Sandpipers				
☐ Killdeer* ☐ Sandpiper, Least*	_	S R	S	S R
☐ Sandpiper, Spotted ☐ Woodcock, American	– R	S S	– R	- S
Herons				
□ Bittern, American* □ Heron, Great Blue □ Heron, Green □ Night-Heron, Black-crowned*	V S - R	R U S R	V U S R	R U S R
Gulls & Terns				
☐ Gull, Herring *	S	S	S	S
Owls  Owl, Barred Owl, Eastern Screech Owl, Great Horned Owl, Snowy*	R U U VR	R U U VR	R U U	R U U VR
Hawks & Hawk-like  Eagle, Bald  Hawk, Broad-winged  Hawk, Cooper's  Hawk, Red-shouldered *	R - U R	R R U R	R R U R	R C U R

	Winter   S	nrina l	Sumr	nor I Fall
<ul><li>□ Hawk, Red-tailed</li><li>□ Hawk, Sharp-shinned *</li><li>□ Kestrel, American</li><li>□ Osprey</li></ul>	U	C	C	U
	U	U	-	U
	S	S	R	S
	-	S	R	S
Vultures □ Vulture, Black □ Vulture, Turkey	S	s	s	S
	C	C	C	C
Goatsuckers / Nightjars  □ Nighthawk, Common *  □ Whip-poor-will *	-	R	R	R
	-	VR	VR	VR
Woodpeckers    Flicker, Northern   Nuthatch, Red-breasted   Nuthatch, White-breasted   Sapsucker, Yellow-bellied   Woodpecker, Downy   Woodpecker, Hairy   Woodpecker, Pileated   Woodpecker, Red-bellied   Woodpecker, Red-headed*   Creeper, Brown	U S C U C U C C VR S	U S C U C U C C R S	U - C - C U U C	U S C U C U U C R S
Crows  □ Crow, American □ Crow, Fish*	C	C	C	C
	S	S	S	S
Cuckoos  □ Cuckoo, Black-billed* □ Cuckoo, Yellow-billed*	-	S	S	S
	-	S	S	S
Pigeons & Doves  □ Dove, Mourning	С	С	С	С
Blackbirds  □ Blackbird, Red-winged □ Blackbird, Rusty* □ Cowbird, Brown-headed □ Grackle, Common □ Oriole, Baltimore □ Oriole, Orchard □ Starling, European □ Bobolink*	S R S S - C	U R C U U U C R	S - C U U U C R	U R S S S S C R
Mimics □ Catbird, Gray □ Mockingbird, Northern □ Thrasher, Brown	–	C	C	U
	S	U	U	U
	R	U	U	S
Thrushes  Diluebird, Eastern Gnatcatcher, Blue-gray Kinglet, Golden-crowned Robin, American Thrush, Hermit Thrush, Swainson's Thrush, Wood	U - S S C S	C U S S C S S U -	U C - C - C U	U

	Winter   Spring   Summer   Fall			
Flycatchers				
☐ Flycatcher, Acadian	-	VR	-	VR
☐ Flycatcher, Great Crested☐ Flycatcher, Least*	_	U R	U –	S R
☐ Flycatcher, Olive-sided*	-	R	-	R
☐ Flycatcher, Willow	-	R R	-	R R
☐ Flycatcher, Yellow-bellied* ☐ Kingbird, Eastern	_	U	U	S
☐ Peewee, Eastern Wood	-	Ū	Ū	S
☐ Phoebe, Eastern	-	U	U	S
Tanagers				
☐ Tanager, Scarlet	-	U	U	S
Swallows				
☐ Martin, Purple*	_	R	R	R
□ Swallow, Barn	-	U	U	S
☐ Swallow, Cliff* ☐ Swallow, No. Rough-winged	_	R S	R S	R S
☐ Swallow, Tree	_	C	C	S
☐ Swift, Chimney	-	S	S	S
Larks				
☐ Meadowlark, Eastern*	VR	R	VR	R
Waxwings				
☐ Waxwing, Cedar	U	U	U	U
Chickadee-Like				
☐ Chickadee, Black-capped	С	С	С	С
☐ Titmouse, Tufted	С	С	С	С
Jays				
☐ Jay, Blue	С	С	С	С
Kingfishers				
☐ Kingfisher, Belted	S	U	S	S
Buntings				
☐ Bunting, Indigo	_	U	U	S
☐ Bunting, Snow*	VR	VR	-	VR
Finch-like				
☐ Finch, House	С	_	С	_
☐ Finch, Purple ☐ Goldfinch, American	S C	S C	_ C	S C
☐ Grosbeak, Evening*	VR	VR	_	VR
☐ Grosbeak, Rose-breasted	-	U	U	S
□ Redpoll, Common	VR VP	VR	-	VR
☐ Siskin, Pine ☐ Cardinal, Northern	VR C	VR C	C	VR C
☐ Crossbill, Red*	VR	VR	-	VR
Shrikes				
☐ Shrike, Northern	VR	VR	-	VR

<b>T</b> 0	Winter	Winter   Spring   Summer   Fall			
Vireos  Vireo, Blue-headed Vireo, Red-eyed Vireo, Warbling Vireo, White-eyed Vireo, Yellow-throated	- - - -	S C U RV U	- C U R U	S S S R S	
Wrens  Wren, Carolina  Wren, House Wren, Winter	U - R	U U S	U U -	U S S	
Sparrows  Junco, Dark-eyed Sparrow, American Tree Sparrow, Chipping Sparrow, Field Sparrow, Fox Sparrow, House Sparrow, Lincoln's Sparrow, Savannah Sparrow, Song Sparrow, Swamp Sparrow, Wesper* Sparrow, White-throated Towhee, Eastern	U S S - S S - R U S - C VR	U S U U S S S S U S VR U C	_	U	
Hummingbirds  — Hummingbird, Ruby-throated	-	U	U	s	
Warblers  Overhoird Parula, Northern Redstart, American Warbler, Bay-breasted Warbler, Black-and-white Warbler, Blackburnian Warbler, Blackpoll Warbler, Black-throated Blue Warbler, Black-throated Green Warbler, Blue-winged Warbler, Canada Warbler, Chestnut-sided Warbler, Magnolia Warbler, Mourning Warbler, Mourning Warbler, Palm Warbler, Palm Warbler, Palm Warbler, Prairie Warbler, Prairie Warbler, Wilson's Warbler, Worm-eating Warbler, Yellow Warbler, Yellow-rumped Waterthrush, Louisiana		USURSSSSSSSRSRSSRRUUUUU	U - U U U - U U	S S S R S S S S S S S S S R S R S S S R R S S S U S S	