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The PASSENGER PIGEON

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The Birds of Hunt Hill Sanctuary . . .

By WILLIAM E. SOUTHERN

In 1955 Edwards and Sprunt reported on the birds observed during the first session of the Audubon Camp of Wisconsin ("Wisconsin Audubon Camp Birds," 1955 Passenger Pigeon 148). They listed the species of birds observed on all field trips (e.g., Lake Superior, etc.) rather than restricting their coverage to the species observed on the Hunt Hill Sanctuary. This paper includes only those species recorded within the sanctuary and the status for each refers to the Audubon Camp and not necessarily to the northwestern portion of Wisconsin.

Hunt Hill Sanctuary includes about 330 acres located in Washburn County. Several habitats are available. This accounts for 125 species of birds being recorded for the area. Sixty-five species have been recorded breeding within the sanctuary. The periods of observation range from about mid-June to late August or early September (10 weeks) each year. All of the species recorded in this paper (the American Coot being one exception) were observed during my two summers at the camp (1959, 1960).

The available habitats include (a) the forest which is predominately maple-basswood (*Acer-Tilia*) climax with some transitional areas (*Populus*, etc.); (b) several areas representing the edge or brush stages of succession; (c) the lakes which provide open water as well as a floating mat with dead trees, brush, and typical marsh vegetation; and (d) the meadow which is maintained by mowing. The accompanying photo indicates some of these habitats.

Species-by-Species List

In the following species-by-species listing, a (★) before the species name indicates that the species has been recorded nesting in the sanctuary.

★**Common Loon:** One pair nested on Devil's Lake each summer. The nest was located on the floating mat during 1959 and 1960. In 1959 two young were raised, but only one was reared in 1960. The adults and young could be observed daily. Occasionally as many as three or four adults were seen flying over camp.

Great Blue Heron: Regular feeder along lake shore. May be observed almost daily. One to three adults or immatures have been seen during a single trip through the lakes.

Green Heron: One or two are observed occasionally during summer along the outlet to the lakes. Probably nesting in vicinity.

★**American Bittern:** Abundance difficult to determine. At least two or three pairs occur regularly. Nests have been found near lakes and in the meadow.

Mallard: As many as 15 have been observed flying over camp. Occasionally one to five are flushed from the Twin Lakes.



BOUNDARIES OF HUNT HILL SANCTUARY, SHOWN IN BLACK. CAMP BUILDINGS ARE JUST BELOW THE SMALL TWIN LAKE ON THE LEFT. HABITATS ARE (a1) CLIMAX BASSWOOD-MAPLE FOREST; (a2) TRANSITION FOREST OF ASPEN, ETC.; (b) BRUSH; (c) MARSH; (d) MEADOW.

★**Blue-winged Teal:** Occasionally observed flying over lakes. Brood of seven young observed in outlet to lakes during summer, 1959.

★**Wood Duck:** Several pairs breed in the area. One nest was found on July 6, 1960 from which at least seven young fledged. One or more adults may be flushed almost daily from the lake channels.

★**Ring-necked Duck:** Several broods usually produced in marsh at end of Devil's lake. Five broods have been observed at one time. Numbers greatly down in 1960; two broods were recorded on June 27.

★**Hooded Merganser:** At least two broods were observed during 1959. No 1960 records.

Turkey Vulture: Uncommon; observed about six times during 1960.

Sharp-shinned Hawks: Uncommon; one record for 1960. Perhaps more common than observations indicate.

Red-tailed Hawk: Uncommon; usually but one or two records.

Red-shouldered Hawk: Uncommon; one or two records each summer.

Broad-wing Diet Note

★**Broad-winged Hawk:** Most common hawk in the area. Only species recorded breeding on the property. Nest located during summer of 1958. Immatures observed with adults each summer. As many as six Broad-wings have been observed on one occasion. Stomach contents of immature found dead in 1960 included one skink, three *Microtus*, and a very large caterpillar.

Bald Eagle: Uncommon; one or two records during the summer.

Marsh Hawk: Uncommon; occasionally observed over meadow or along lake shore. Three records for 1960.

★**Osprey:** Nest located in dead tree by Twin Lakes. The nest was constructed during the summer of 1959 but young were not reared. Three young fledged from the nest in mid-August 1960. Courtship flights and other displays often observed. As many as five adults have been observed to participate in these displays.

★**Ruffed Grouse:** Uncommon; two records during 1960. One adult and three young observed on June 24, 1960.

★**Virginia Rail:** Adults with young observed on July 13, 1960. Perhaps six to eight observations during the summer.

Sora: Although a nest has not been found this species undoubtedly nests along the lake shore. Observed more commonly than Virginia Rail.

★**American Coot:** Uncommon; a nest recorded between Twin Lakes during 1958. No records for 1959 or 1960.

Killdeer: Uncommon; one observed over Devil's Lake on June 21, 1960.

Dowitcher (sp.): Uncommon; a migrant was observed flying over camp on August 22, 1960.

Herring Gull: Uncommon migrant. A flock of seven was observed on August 24, 1960.

★**Black Tern:** Feeds commonly along lakes. Three or more pairs nested along Twin Lakes until high water in 1960 removed suitable sites.

Mourning Dove: Observed occasionally in brush habitat. Possibly a pair or two breed on the sanctuary.

★**Yellow-bellied Cuckoo:** Less common than the Black-billed, but there are several records (eight to ten) during the summer. Heard calling more often after mid-August.

★**Black-billed Cuckoo:** Nests commonly in the area but few nests are located. May be observed almost daily after young leave the nest. Adults are very shy during nesting period. Calls heard regularly after first of August.

Screech Owl: Uncommon; one or two records for the area.

Great Horned Owl: Probably breeds on sanctuary. Heard less often than Barred Owl. Ten records during 1960.

Barred Owl: Heard calling and occasionally observed. Probably breeds on the property. Ten to 15 records during the summer.

Long-eared Owl: Uncommon; first and only record was August 8, 1960, when a dead bird was picked up on a road along the edge of the sanctuary.

Common Nighthawk: Common migrant in late August and early September. Flocks ranging from a few to several hundred individuals have been observed. Does not breed on the sanctuary.

Chimney Swift: Several (three to seven) may be observed almost daily. Probably nest in the chimney of the headquarters.

★**Ruby-throated Hummingbird:** Common; several may be observed feeding in flower gardens, along roads, and at "sapsucker trees."

Belted Kingfisher: One to three observed with some regularity along the lake shore where they feed. No nesting record for camp property.

★**Yellow-shafted Flicker:** Nests commonly in the area.

Pileated Woodpecker: Two adults are observed fairly often during the summer. More conspicuous after mid-July. Probably nest on the property.

Woodpecker Extends Range

Red-bellied Woodpecker: Two and possibly three observed each summer until 1960 when none were reported. This is an extension of range, probably resulting from suitable habitat extending into the north-western corner of the state.

★**Red-headed Woodpecker:** At least two pairs nest on the property.

Yellow-bellied Sapsucker: Probably nest on the property. Adults and immatures (two to five) are observed commonly at "sapsucker trees."

★**Hairy Woodpecker:** Breeds commonly in the area. Approximately 20 adults and immatures are banded at the feeders each summer.

★**Downy Woodpecker:** Breeds commonly in the area. About 10 are banded at feeders each summer.

★**Eastern Kingbird:** Nests commonly in the area, especially along lake shore.

★**Crested Flycatcher:** Nests fairly commonly in the area. One or two nests are found each summer, and several pairs are observed.

★**Eastern Phoebe:** Nests commonly in the area. Five or more nests about the buildings.

Yellow-bellied Flycatcher: Transient, observed occasionally after August 11. There were five records during 1960.

Trail's Flycatcher: Uncommon; one record along the shore of Twin Lake on July 15, 1960.

★**Least Flycatcher:** Nests commonly in the area. Ten or more nests usually found. Probably the most common flycatcher in the area.

★**Eastern Wood Peewee:** Nests commonly in area. Several nests are found each summer. Ranks second to Least Flycatcher.

★**Olive-sided Flycatcher:** Migrant; first recorded about August 11. Several have been observed in the dead trees bordering Twin Lakes.

★**Tree Swallow:** Nests commonly in area. Numerous over the lakes during fall migration. Most common swallow.

★**Rough-winged Swallow:** Uncommon; observed occasionally over Devil's Lake. May nest along shore beyond the camp property.

★**Barn Swallow:** A pair or two nest within buildings on the grounds. Two broods usually reared.

★**Cliff Swallow:** About 40 nests were constructed in 1959 on the barn. Several individuals were observed in the area in 1960 but nesting did not occur. Each summer the birds did not arrive on the grounds until late June.

★**Purple Martin:** A few pairs occasionally nest on the property. More common during fall migration.

★**Blue Jay:** Resident of the area but not as abundant as would be expected. Apparently more abundant later in summer. Perhaps this is because adults call more regularly after the young fledge. No nests have been found.

★**Raven:** Several recorded during the summers. As many as three observed at one time. Ten observations during 1960.

★**Common Crow:** Nests fairly commonly in the area. Young commonly heard calling during late June and early July.

★**Black-capped Chickadee:** Nests commonly in area. Several broods observed each summer.

★**White-breasted Nuthatch:** Breeds commonly in the area. Several family groups observed each summer.

★**Red-breasted Nuthatch:** Migrant; occasionally observed in late August.

★**Brown Creeper:** Migrant; occasionally observed in late August or early September.

★**House Wren:** Breeds commonly in the area. At least five nests on the grounds.

★**Long-billed Marsh Wren:** Uncommon along lake edge. Nests have been located but no more than one a year.

★**Short-billed Marsh Wren:** Uncommon; two males singing in meadow during the summer of 1960. No nest was found nor was a pair observed together.

★**Catbird:** Nests commonly in the area. Several nests found each summer.

★**Brown Thrasher:** Rather uncommon in the area. Two or three pairs perhaps nest in brushy areas.

★**Robin:** Common breeder.

★**Wood Thrush:** Nests fairly commonly in the area. One or two nests found each summer and several additional males heard singing.

★**Swainson's Thrush:** Migrant; few arriving in late August. Earliest date August 18, 1960.

★**Veery**: Nests fairly commonly in the area. One or two nests found each summer. Other males heard singing.

★**Eastern Bluebird**: Normally a common breeding species but number down to about two pairs in 1960.

Golden-crowned Kinglet: Migrant; occasionally observed in late August or early September.

Ruby-crowned Kinglet: Migrant; occasionally observed in late August.

★**Cedar Waxwing**: Nests commonly in the area.

★**Starling**: Nests uncommonly at camp. Possibly one or two pairs per summer. Flocks observed in the area in late summer.

★**Yellow-throated Vireo**: Nests fairly commonly in the area. This is another example of an extended range resulting from the extension of deciduous forest into this area. Probably eight to ten pairs occur near the grounds.

Solitary Vireo: Migrant; usually occurring in late August.

★**Red-eyed Vireo**: Breeds commonly in the area. Most common vireo in the vicinity.

Philadelphia Vireo: Migrant in mid-August (August 14, 1960) and early September. Fairly common during August 1960 when 10 or more were observed during one trip.

★**Warbling Vireo**: Nests fairly commonly in the area. Found less commonly in climax forest. Common migrant in late August.

Many Warblers

Black-and-white Warbler: Migrant; individuals observed in August (August 9, 1960) and September.

★**Golden-winged Warbler**: Breeds occasionally in the area. A few are observed on camp property and adjacent brush habitats.

Tennessee Warbler: Migrant; occurring about the first of September.

Orange-crowned Warbler: Occasional early September migrant.

Nashville Warbler: Common fall migrant beginning about mid-August (August 17, 1960). However, there was one record of a singing male on July 7, 1960.

★**Yellow Warbler**: Breeds commonly in shrub habitats.

Magnolia Warbler: Common September migrant.

Black-throated Blue Warbler: Occasional migrant during late August or early September.

Myrtle Warbler: Occasional migrant during late August and early September.

★**Cerulean Warbler**: Local breeding population of about six pairs. First nest found in 1960. This is another example of a range extension resulting from the availability of suitable habitat.

Blackburnian Warbler: Late August and September migrant. One record (July 6, 1960) of a transient singing male. Most common during early September.

★**Chestnut-sided Warbler**: Fairly common breeding species on the property. Common September migrant.

Bay-breasted Warbler: Occasional September migrant.

Blackpoll Warbler: Occasional September migrant.

Pine Warbler: Occasional fall (September) migrant. Singing male on the grounds July 6, 1960. Possibly nests on the property adjacent to the camp.

***Ovenbird:** Uncommon nester on the property. Perhaps three to six pairs occur in the area. Common fall migrant with numbers increasing about late August.

Northern Waterthrush: Migrant; several mid-August (August 14, 1960) and early September records. Most common along lakes.

Connecticut Warbler: Migrant. One record, on September 1, 1960.

Mourning Warbler: Possibly breeds in the vicinity. Two singing males were on the sanctuary on July 5 and 6, 1960, and another was present on August 14. All were singing but were not seen after the above dates. No females were observed.

***Yellowthroat:** Breeds commonly along the lakes and outlets.

Canada Warbler: Fairly common migrant during late August and September.

***American Redstart:** Nests commonly in the forest.

House Sparrow Only Occasional

***House Sparrow:** Occasional breeding records. About two to three pairs nested on the grounds in 1960.

***Bobolink:** At least six to eight pairs nest in the meadow each year. Usually gone by mid-August (August 15, 1960).

***Eastern Meadowlark:** Nested in the meadow during the summer of 1959 but no records for 1960.

***Red-winged Blackbird:** Nests fairly commonly along the lakes.

***Baltimore Oriole:** Nests with some regularity along the edges of woods.

Common Grackles: One to four individuals at feeder daily during 1960. Probably nest in the area but not observed away from feeder to date.

***Brown-headed Cowbird:** Parasitizes several species in the area. Common; about 10 to 15 came to feeder daily during 1960.

***Scarlet Tanager:** Nests with some regularity in climax forest.

Cardinal: One record; female recorded during mid-July, 1959.

***Rose-breasted Grosbeak:** Nests commonly in the area.

***Indigo Bunting:** Breeds occasionally in the area. Habitat restricted. Two observed in 1960. Two nests recorded in 1959.

***Purple Finch:** Common; 40 to 60 come to feeder daily. Immatures come with parents after early July. Young are often fed by parents while at feeders. No nests have been found.

***American Goldfinch:** Nests commonly in the area. One to 12 may be observed daily. Female observed gathering nesting material on July 20, 1960. Several nests found during August each year.

Rufous-sided Towhee: No nesting records but occasionally observed in suitable habitat.

Several Sparrows Found

***Chipping Sparrow:** Nests commonly in the area. Six to eight pairs nest on or near the grounds surrounding the headquarters plus others within the woods.

★**Clay-colored Sparrow:** Breeds occasionally where habitat is suitable. Seldom are more than five observed during a single trip.

★**Field Sparrow:** Nested on the property until 1960 when none were recorded. Previously three or more pairs were present.

White-throated Sparrow: One record for August 30, 1960.

Swamp Sparrow: Occasional record (three during 1960) along the lake shore.

★**Song Sparrow:** Nests commonly; several nests found each year.

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CHESTER KRAWCZYK

Chester Krawczyk, who had been W.S.O. education chairman, vice-president, and president, and a loyal member for twenty years, passed away at the age of 52 in his home at Green Bay on July 11, 1960. This anonymous tribute appeared in the **Chicka-dee-dee**, the newsletter of the Green Bay Bird Club.

A Tribute to Chester Krawczyk

It makes one feel very humble to be asked to write a tribute to Chester; a quiet man with a slow friendly smile, a man of many talents and especially the often unattainable one of making and keeping friendships.

How he is and will be missed as time goes on; especially by his friends in the Green Bay Bird Club, where he was president and vice-president so many times, besides being a charter member; by his boys in the Reformatory where he taught Library Science, English and Biology for fifteen years; by his associates in the academic department and by the Wisconsin Society for Ornithology where he served for twenty years.

We might make an outline to cover his diverse activities, but it would be just so many words to be read—one would have had to know him to realize all he attained from life and how much he gave of himself to help others.

It is too bad indeed that his wonderful letters from the South Pacific, where he served for four years in the Army, have been scattered and lost. They told how he searched the coral reefs for nature's specimens, which helped him through many homesick hours.

Perhaps it was there he learned to listen to all the manifold sounds of the sea, birds and nature that gave him his opportunity to appreciate beautiful music and to acquire, on his safe return home, the wonderful collection of records he had.

When he left this world so hurriedly there remained a chasm that can never be filled even with all the affectionate memories his many friends have of him.

WISCONSIN'S FAVORITE BIRD HAUNTS

WYALUSING STATE PARK

One of the most delightful experiences I know of in birding is to spend a weekend at Wyalusing State Park during the May migration. For more than ten years we have spent the second weekend of May there, and have observed as many as 138 species in a 24-hour period in or near the park. At this particular time in spring, the bird migration is often near its peak, and yet the foliage has not yet reached its full development.

We generally adhere to a basic pattern for covering the diverse areas of the park and its environs. Although it is certainly not the only way to cover the area, the itinerary here described has brought the best results for us.

We have sometimes camped at the park, but in order to save the time of breaking camp and to avoid possible unpleasantness from rain, we generally spend the night at Prairie du Chien. Sunrise at this time of the year is usually near 4:00, with some of the pre-sunrise skies incomparably lovely, and we are treated to these as we drive eastward from Prairie du Chien on Highway 18-35. Just after crossing the Wisconsin River at Bridgeport a right turn on C. T. H. "C" starts us up the long hill toward the park entrance five miles distant. Climbing the hill to the park entrance always produces beautiful panoramas of the area, and these are forever changing.

The locale between town and the park entrance is skimmed lightly, as the majority of the songs heard are those of the more common species. It is in these fields, however, that we usually get the first Bobolinks singing ecstatically. One year we were treated to a magnificent Barn Owl flying slowly across the road while harassed by a group of raucous crows. Such is not to be expected every year, of course, but we can expect various listening posts along the way to yield Great Horned, Barred, Long-eared and Screech Owls if we arrive early enough.

Park Entrance

We stop at the park entrance, walk and listen, and frequently record some species which we fail to get later in the day. We generally walk around the barracks area and part way down the trail (Area A). The chorus here includes numerous Rose-breasted Grosbeaks, Red-bellied Woodpeckers, House Wrens, Eastern Bluebirds, flycatchers and warblers. Blue-winged Warblers seem to be increasing here, and one year we had a splendid male Brewster's Warbler right at the park entrance.

Camp Site Area

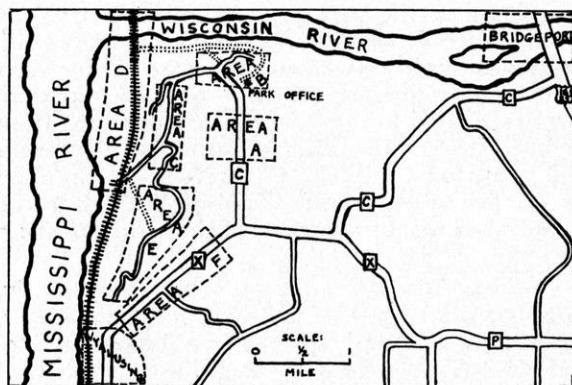
Passing the park office, we pause at the junction of the Long Valley Road. Cover is thick here. Several times we have found the Philadelphia Vireo, catching glimpses of its rather nondescript plumage and hearing the song—much like that of the Red-eyed but somewhat higher in pitch and with longer intervals between phrases.

A right turn at this intersection takes us to the camp site area (Area B). Down from the concession building is a small trail leading to an excellent view point commanding a wide sweep of the Wisconsin River

bottom area to the north. A game we often play here is trying to list as many birds as possible from this one spot. By scanning with a telescope we pick up ducks in the endless series of lagoons, bays, ponds and sandbars; Common Egrets are conspicuous here along with other herons; sometimes we actually look down on Turkey Vultures soaring majestically on the thermals; we hear the ringing repetitious phrases of the Prothonotary Warbler from far down along the river. On the path is one of the finest exhibits of amethyst shooting stars.

Long Valley

The next phase is the very slow trip down the Long Valley Road, (Area C) listening carefully as we glide down. There is such a profusion of song that unless frequent pauses are made, several species may easily



be overlooked. Perhaps the most dominant voices are those of the Ovenbird, Rose-breasted Grosbeak, Scarlet Tanager, Yellow-throated and Red-eyed Vireos, American Redstart, Cerulean and Tennessee Warblers, Wood Thrush, Gnatcatcher and Tufted Titmouse. About half way down the hill we are almost always

thrilled with the ringing song of the Kentucky Warbler. It is wise to listen particularly for the Acadian and Yellow-bellied Flycatchers; they are lovers of the deep woods, and are much more easily detected by ear than by eye. An excellent spot is at the spring on the left-hand side of the road just before the turn off to the South Wilderness Area; birds often gather here for bathing and drinking, and may be observed and even photographed. We have found Olive-sided Flycatchers regularly by checking the tops of the tall dead trees.

Railroad Tracks

The Long Valley Road ends at a parking area shortly after crossing the railroad tracks. For years a pair of Prothonotary Warblers has had a nest in a small stump right in the middle of the parking area, with the parents carrying on almost totally oblivious to the traffic around them. We have also watched the nesting activities of the Pileated Woodpecker at length here. We can then walk north along the railroad tracks $1\frac{1}{2}$ miles to the Wisconsin River (Area D), and are constantly aware of a chorus of song and a blaze of color. The red is furnished by the Cardinals, the yellow by the ubiquitous American Goldfinches, the blue by the Indigo Buntings that have recently arrived. Baltimore Orioles add still more color and song, and sparrows are often found here—Lincoln's,

White-throated, and sometimes White-crowned. Scanning the river often yields Wood Duck, Lesser Scaups, Mallards and others.

If two cars are available, or if our party can be divided, some cross the tracks just south of the Wisconsin River and take a trail which parallels the river and then winds back up the hill to the park entrance. This is a rough and rugged trail; one should allow at least three hours to complete its circuitous path. Mosquitoes are annoying here, are of man-eating size, and seem to thrive on the various repellants. But this trail takes one through more of the rich habitat of the Prothonotary and Kentucky Warblers, and it is here that we have found the Worm-eating Warbler, perhaps one of our most outstanding records.

South Wilderness Area

The next step is to return to the Long Valley Road and turn onto the South Wilderness Road (Area E). The entire South Wilderness Area should be traveled leisurely, for there are some fine places in this portion of the park. A good stopping place is at the small spring just before taking the road up the hill; Louisiana Waterthrushes are sometimes found here. As one climbs he may look down at tops of the trees, and if warblers are about, it is one of the few places where one may actually look down at them. The major portion of the area is sugar maple forest and cut-over, now largely brushy. There is an excellent outlook at the very end of the road, affording a magnificent view of the Mississippi River. From this site we have frequently recorded Osprey, Bald Eagle, Double-crested Cormorants and Caspian Terns. A small shelter house here is a good spot for lunch. We have almost always seen Clay-colored Sparrows at this point; in addition there are Blue-winged and Golden-winged Warblers, Rose-breasted Grosbeaks, Scarlet Tanagers, Baltimore Orioles, etc., that will almost come and have lunch with you.

Road to Wyalusing

The afternoon program is varied, particularly if we have a full two-day weekend. Sometimes we return to Prairie du Chien, and cover the river road (Highway 35) north to the Genoa Fish Hatchery. Some of the side roads are well worth investigating for Bell's Vireos and Orchard Orioles. Ducks, shorebirds and rails may be seen near the fish hatchery.

Another plan, which keeps us closer to the park area, starts at the park entrance and follows C. T. H. "X" along the boundary of the park down a long hillside to the village of Wyalusing two miles away (Area F). There is an old stream bed beside the road, and many fine places to pause and listen. At the entrance to the village is a large rock quarry—good swallow territory—where we have sometimes found a Peregrine Falcon. Passing the village, we explore the shore line for shorebirds, rails and herons; we scan the river for terns and gulls; we follow side roads when they look enticing.

After supper we return to Long Valley (Area C) for the vesper program. Particularly on dry days when the birds are thirsty, they tend to congregate near the spring in good numbers.

Summer Visits

While Wyalusing Park is particularly exciting at the height of the spring migration, it is also one of the most interesting birding areas in

Wisconsin in summer. Throughout June and the first few days of July, while the song period lasts, the chorus of nesting Blue-winged, Prothonotary and Kentucky Warblers cannot be duplicated anywhere in the state. Long Valley is one of the few places in the state where the Acadian Flycatcher nests in numbers; these can often be heard singing well into August.—Howard A. Winkler.

LELAND-DENZER AREA

The Baraboo Bluffs region, extending from western Columbia County into the center of Sauk County, is known far and wide for its scenic beauty. Some of the better known attractions of the region are Devil's Lake State Park, Parfrey's Glen, Baxter's Hollow, the Pewitt's Nest, and the Natural Bridge. Less well known to the average passing tourist, but of major interest to all who like to take a closer look at the natural landscape, is the fact that the region has a rich and varied flora and fauna. Much of the land is unfit for farming and is heavily wooded, providing excellent habitat for many species of birds, wildflowers, and mammals.

This article covers the Leland-Denzer area, including approximately the southwest one-quarter of the Bluffs region, together with the upper reaches of Honey Creek and adjacent wetlands and farmlands in south-central Sauk County.

Area A

Some of the best birding in Sauk County may be had in the upper Honey Creek valley northwest of the village of Leland. Area A is a narrow, steep-walled, two-mile long valley extending from a fascinating tamarack and alder bog on the south to a picturesque waterfall and rocky gorge on the north, containing marsh and bog, open pasturelands, extensive brushy areas, dense woodlands, ponds and streams, and a number of rock ledges.

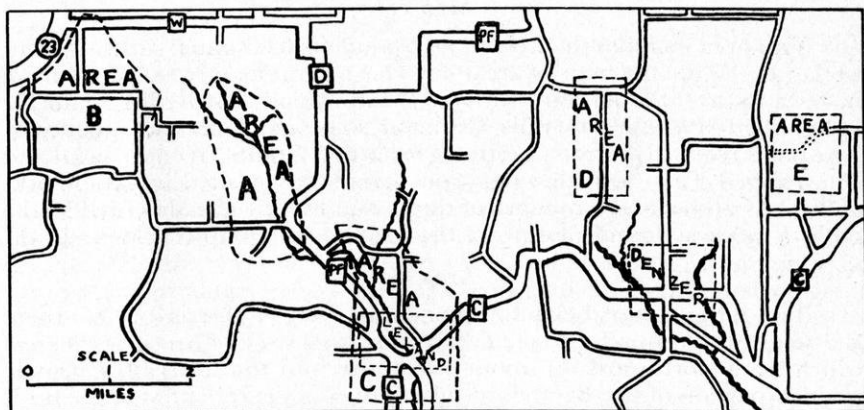
Probably the outstanding bird to be seen here is the Turkey Vulture, believed to nest somewhere in the valley. A pair of these birds may be seen frequently during April and May in the area just north of the bog. During the summer months, the adults and young range widely over the countryside, and may, with luck, be seen soaring high over the sandstone bluffs.

Resident hawks include the Red-tailed, Cooper's and Marsh, while the owl family is represented by Great Horned, Barred, and Screech. Campers in the area may enjoy the nightly serenade of owls and the numerous Whip-poor-wills which nest here.

The bog and marsh areas at the foot of the valley are home to Common Snipe, American Woodcock, Veery, and Sora. Swamp Sparrows are common, and a Sharp-tailed Sparrow was recorded here in May, 1959. Blue-winged Teal, Wood Ducks, and herons may be seen in the open water areas in the bog, along the stream, and on the artificial ponds in the middle and upper reaches of the valley.

The warm southerly exposure of the valley and the abundance of insects attract an exciting variety of nesting warblers and flycatchers. Look for the Yellow Warbler and Yellowthroat in the bog, Golden-winged and Blue-winged Warblers in the bog and also at the waterfall

and mid-way ponds, Cerulean Warblers and American Redstarts in the wooded area near the mid-way ponds, Black-and-White Warblers near the hemlock groves, Ovenbirds in the wooded areas, and Louisiana Waterthrushes at various points along the stream. The Kentucky Warbler was recorded in 1958, and may be present every year. Flycatchers are represented by the Traill's, nesting in the bog area, and the Acadian, found near the hemlocks, in addition to the more common species. Blue-gray Gnatcatchers are common, and the May hiker will very likely find several pairs of these active mites busily constructing their lichen nests on the branches of bur or white oaks along the stream.



Other birds of particular interest are the Pileated and Red-bellied Woodpeckers, Ruffed Grouse, Scarlet Tanager, Tufted Titmouse, and Wood Thrush. Bewick's and Carolina Wrens have been recorded, Long-billed Marsh Wrens nest in the marshy areas, and Winter Wrens may often be seen by the careful watcher in early spring and in September.

The ideal time to visit this area is from mid-May to mid-June. Area A may best be reached by driving west from Prairie du Sac on C. T. H. "PF." The town road which crosses the area turns left off "PF" exactly 14.3 miles west of the junction of "PF" and Highway 12 near Prairie du Sac. Drive $\frac{1}{2}$ mile in on the town road and park where the woodland trail leads northward into the valley. Camping is permitted at open spots $\frac{1}{4}$ mile in on this trail. Those wishing to drive in should first check the condition of the trail. Hikers are welcome anywhere in the valley, provided these rules are followed: be careful with fire, leave fences in good condition, and do not disturb grazing cattle.

Area B

Four miles northwest of its junction with "PF," the town road which crosses Area A enters a region of upland farms and grassy fields attractive to Eastern and Western Meadowlarks, Bobolinks, Horned Larks, and numerous sparrows—Vesper, Field, Savannah, Grasshopper and Henslow's. Upland Plovers frequent the southwest corner of the area. The 80-acre farm in the southeast corner of this area is currently in the Soil Bank Conservation Reserve and will probably remain so for a number of years, providing excellent habitat for larks, sparrows, and other open field birds.

Land in the area is not posted against trespassing, but it is of course advisable to ask permission of the owners before walking across the fields.

The woodland adjacent to C. T. H. "W" at the far north end of Area B has, for a number of years, harbored a pair of Cooper's Hawks, which nest in abandoned crow nests. This woodlot is also the home of Pileated Woodpeckers, Ruffed Grouse, occasional Barred and Great Horned Owls, and smaller birds such as Scarlet Tanager, Ovenbird, and Blue-winged Warbler. Yellow lady's slippers and a number of huge ant mounds add to the interest of this woodlot. Hikers are welcome at all times, and may park cars in the farmyard across the road from the woods.

Area C

This area includes the Leland mill pond, its backwaters, and adjacent wetlands. While the marshy areas have been considerably reduced in size in recent years through farm drainage, some good spots still remain for Long-billed Marsh Wrens, rails, Common Snipe and American Woodcock. The pond regularly attracts nesting Pied-billed Grebes, Wood Ducks, and Blue-winged Teal. During migration periods it is visited by large flocks of Tree Swallows and a number of ducks and herons. In May of 1959 the Bell's Vireo was found nesting at the brushy junction of "PF" and "C."

Area D

Two miles east of Leland and one mile west of Denzer on "C" there is a small stone church. Immediately west of this church is a town road which leads northward for about two miles into the heart of a heavily wooded portion of the Baraboo Bluffs. This is an excellent area for birds of the deep woods, and gives one a good representative picture of the birdlife of the Bluffs region. The hard surface road ends at the top of a long hill and continues beyond that point as a dirt trail leading through the woods to join another town road about $\frac{1}{2}$ mile to the north. This trail is not passable when wet, so birders should park at the end of the gravel portion and hike over the dirt trail. On this walk, one may expect to see or hear Ovenbirds, American Redstarts, Cerulean, Blue-winged and Golden-winged Warblers, Scarlet Tanagers, Wood Thrushes, vireos, Crested Flycatchers, and other woodland species.

Area E

Three miles northeast of the village of Denzer and four miles west of the Badger Ordnance Works is the Leopold Memorial Woods, an 80-acre wooded bluff owned by the Madison Kumlien Club and maintained in a natural state as a living memorial to Aldo Leopold. The tract contains a small stream, a sheer sandstone cliff, fine stands of hemlock and hardwoods, and variety of woodland wildflowers. Birdlife is representative of similar wooded portions of the Baraboo Bluffs, including such interesting nesting species as Pileated Woodpecker, Ruffed Grouse and Louisiana Waterthrush. Acadian Flycatchers have also been recorded, and probably nest here.

This woods may be reached on foot from either the east or west, at the access points indicated by an "X" on the map. The entrance from the east leads for some distance across open fields, while the trail from the west begins directly across the town road from a set of abandoned farm buildings.—Harold Kruse.

Golden Eyes . . .

By RONALD RICH

It was a beautiful winter day, bright sun, blue sky, a very soft breeze from the west. My two boys and I were enjoying the fine winter day with a stroll along the Wisconsin River on Aldo Leopold's farm when we saw it lying there in the snow, watching as we approached and no doubt wondering what new pain these two-legged beasts would next cause it to bear.

Those great golden eyes, fearless, still unconquered, blazing with fire and spirit that no pain or suffering could quench. I was surprised to see an owl remain so quiet and let us lay our hands on him. A brief examination showed both wings and legs broken by gunshot, the results of an act of some thoughtless hunter.

What damage had this small owl done during his life? No doubt he had swept down on silken wings to pick up a rabbit busily engaged in girdling a fruit tree. At another time he may have caught a sickly bunny and thus prevented greater spread of disease. All summer he cruised the meadows, always looking for meadow mice that destroy great amounts of grass and seeds. Maybe he did take a small chicken, but if the good and bad deeds were balanced I am sure it would go heavy on the good side.

Now he was broken. No more would he flit through the night like a great oversized moth; no more would he thrill the keen-eared listener with his wild, eerie call. Life was still strong in his heart, but to leave him would only mean a slow death, either by freezing or, worse, starvation.

My boys wanted to know why anyone would want to harm such a magnificent bird. How can you explain to a four- and six-year-old the terrific prejudice against all owls and hawks that makes them fair game for guns, or any other type of slaughter conceived by man in his ignorance?

There was no choice but to complete the murder started by another hand.

"Daddy, don't kill him!"

Again, I say, it is difficult to explain.

Baraboo

Editor's Note: This is a very eloquent plea for the proper understanding and appreciation of birds of prey. It should be pointed out that the Wisconsin conservation laws protect all hawks and all owls except the Great Horned Owl, and that none may be killed by any means except by landowners who suffer actual loss from their depredations. Many hunters, perhaps the majority, have learned to pass up "tempting" shots at hawks and owls.

The current attempt by some well-meaning but mis-informed groups to decrease the extent of this legal protection is ample evidence that the battle to protect birds of prey is not yet won.

Perhaps it never will be.



FIELD NOTES

By CHARLES A. KEMPER

Autumn Season

August 16-November 30, 1959

The closing months of the year, the time for rarities, are also the time of waning interest, and fewer systematic ornithological observations. Wisconsin, one of the superior observation areas for fall migration in North America, is unfortunately undermanned at this season. While there is superb recording from a few spots, such as Cedar Grove, and very competent reporting from the eastern and southern part of the state, migration through the greatest part of our state goes inadequately recorded. I am convinced that any county from Grant to Douglas along the western border could match or surpass anything along the Lake Michigan shoreline. I am certain that Superior is one of the superb bird-watching areas in America. What an opportunity and challenge there is for the W.S.O. in extending its studies into these areas! All it would take is a little more leadership, membership and industry.

Some of the Highlights

The fall of 1959 was in some respects a mediocre season. The season was fairly mild. As a consequence, some of the vireos and warblers lingered unusually long. There was a rash of new late dates for no less than four species of warblers and one vireo. Among the highlights were a fairly noticeable invasion of Red and White-winged Crossbills; a tremendous influx of Black-capped Chickadees; a Boreal Chickadee at Cedar Grove; Golden Eagles at Crex Meadows as well as Cedar Grove; White Pelicans in Dane and Marquette Counties; Long-billed Dowitchers at Ripon; a fairly good flight of Golden and Black-bellied Plovers; a Western Grebe near Green Bay; Yellow Rails in Eau Claire County; extension of Red-bellied Woodpeckers into northeastern Wisconsin at West DePere; Black Brant at Crex Meadows; a new late record Osprey at Portage; a Raven at Cedar Grove; a new late record for Solitary Vireo in Madison; Buff-breasted Sandpipers, Knots, Northern Phalaropes, Western Sandpipers and an Avocet on the Milwaukee lake-front; Hoary Redpolls at Luck, the beginning of a tremendous Redpoll invasion; and an albino Blue Jay at Viroqua.

In the fall of 1958, Cedar Grove workers banded 3,925 birds of 75 species. With comparable effort in 1959, Helmut Mueller, Daniel Berger, David Seal, Jack Oeu, Frank Renn, Nancy Mueller, Don Prentice, Daryl Stambaugh, Tom Oar, Frances Hamerstrom, Elva Hamerstrom, Jack

Keegan and others succeeding in banding 5,119 of 90 species. They reported that food supply and cover were the best in more than ten years. Similar conditions prevailed in Chippewa County. At my own banding station in west-central Wisconsin, this was a most successful fall season. In numbers of individuals and species there was an increase of roughly 33 per cent over 1958, which until then was a record year.

The number of cooperators has grown in a gratifying way over the years. However, this increase has thrown a correspondingly greater load on the compiler. Eventually, it may take something like an IBM machine to analyze the flood of reports. It will be a great help if cooperators will be neat and prompt, and stick to the forms provided.

Need for Verification

Furthermore, we need absolute verification of all questionable records. In those instances where the observer does not realize the record is unusual and does not authenticate his observations with details, the compiler will be inclined to toss the record in the waste basket. If sight records are to be at all meaningful, they must be absolutely reliable. Your motto could well be, "If I can't stake my life on it, I'll omit it." Some observers say, "I had my Peterson out and the bird looked just like the picture." It would be preferable to have on-the-spot detailed notes. This is not to cast aspersions on anyone's honesty or ability. The fact is, the most reliable observers are the ones who submit the details. Furthermore, even the expert can be confused at times. Please don't be offended if you get a request for details. If our sight records aren't absolutely trustworthy, it will be necessary to depend entirely on collected specimens.

Red-throated Loon: This regular winter visitor to the Milwaukee waterfront was not noted there by Mrs. Mary Donald until Nov. 21. This was the only report of the season.

Western Grebe: Reported by Ed Paulson and Ed Cleary from Green Bay on Nov. 4.

White Pelican: Two reports; one from Marquette County, Oct. 5 (see "By the Wayside") by Tom Soulen; another from Dane County, Oct. 22 to Nov. 1, (Tom Ashman).

Double-crested Cormorant: Last seen in Adams County Sept. 28. Meagre reports.

Common Egret: Here is a species deserving of year-to-year study, as it yearly extends its range northward. Reported from Horicon Marsh and Cedar Grove, and from Winnebago, Waupaca, and Rock Counties. Last seen Oct. 9 at Cedar Grove and Oct. 7 in Dodge County (William Hilsenhoff).

Green Heron: Last reported Oct. 12 at Peshtigo, Marinette County, by Harold Lindberg, and at Cedar Grove. Last seen in Rock County Oct. 10 by David and Marion Stocking.

Black-crowned Night Heron: Unusually late date, Nov. 29 in Dane County (William Hilsenhoff). Last seen in Outagamie County Oct. 4 (David Tessen). Nov. 25, Brown County (Ed Cleary).

American Bittern: Last seen in Rusk County Nov. 1 by Eugene Butler, and on Oct. 17 at Marinette by Harold Lindberg.

Whistling Swan: Seen on Dec. 10 in Rock County by Melva Maxson, and on Dec. 1 at Manitowoc by John Kraupa. Earlier, Carl Richter saw three at Peshtigo, Marinette County, on Oct. 17, establishing a new early arrival date. Richter also saw 66 in Green Bay off Oconto County on Oct. 18.

Brant: A 45-minute observation at Crex Meadows, Burnett County, by N. R. Stone, Oct. 31 (latest recorded date). This bird is still rare in Wisconsin. It is good to get a competent, authentic record. In the past a number of records have, on closer scrutiny, proved erroneous.

Snow Goose: Last seen at Crex Meadows on Nov. 2 (N. R. Stone) and in Rock County Nov. 1 (Mrs. Joseph Mahlum).

Blue Goose: Same as Snow Goose.

Turkey Vulture: Sighted Oct. 17, Cedar Grove. Last date for the season. Also seen Sept. 15, Oconomowoc, Waukesha County (Mrs. Paul Hoffman).

Golden Eagle: One record in a season is surprising. This fall produced sightings of as many as three at Crex Meadows on Oct. 5, 25 and Nov. 9 (N. R. Stone). One was seen on Oct. 12 and 13 at Cedar Grove. Also at Yellowstone Lake, Lafayette County. Oct. 30, Warden O. J. Thorpe sighted one (fide N. R. Barger).

Broad-winged Hawk: Surprisingly scarce this fall. Only three at Cedar Grove between Sept. 3 and Sept. 10. However, 71 were noted Sept. 15 between Appleton and New London (Daryl Tessen).

Swainson's Hawk: Three reports from Cedar Grove; Sept. 28, Oct. 11 and Nov. 1. No other reports.

Osprey: A well detailed report by Donald Cors of an Osprey on Nov. 28 and 29 at Portage on the Wisconsin River. This is the latest date on record. See "By the Wayside."

Peregrine Falcon: Seen at Cedar Grove Sept. 9 through Oct. 19, which equals the latest sight record. Peak reported Oct. 5.

Pigeon Hawk: Again all the Wisconsin birds must have been at Cedar Grove. Reported Sept. 12 through Oct. 19 with peaks on Oct. 9, 10 and 16.

Sparrow Hawk: Peak flights on Aug. 30, Oct. 12 and Oct. 16 at Cedar Grove.

Sandhill Crane: Barger reports two south of Elderon, Marathon County, recorded by a local resident, Edwin Huzberg. Otherwise seen in widely scattered areas. Adams County, Sept. 24; Marquette County, Oct. 5 (Tom Soulen); Burnett County, Crex Meadows, Sept. 27 (N. R. Stone); Marathon County, Oct. 7 (Doty); 100 between Glen Oak and Fox River, Outagamie County, Oct. 4 (Bradford); Oconomowoc, Sept. 14 (Mrs. Paul Hoffman).

Virginia Rail: Last seen in Chippewa County Oct. 1.

Sora: Oct. 17, Outagamie County (Bradford).

Yellow Rail: Two specimens collected at TV tower in Eau Claire (Kemper).

Common Gallinule: Oct. 13, Winnebago County (William Hilsenhoff), last date. Down in numbers according to Bradford.

Semipalmated Plover: Nov. 4 is a late date, reported in Milwaukee by H. Bauers.

Golden Plover: One seen at Bradford Beach on Nov. 16 by Al and Lorna Basten represents a record late date.

Black-bellied Plover: Sept. 21, Milwaukee (Bastens). Arrived Cedar Grove August 18. Last recorded Oct. 10, Mazomanie (Tom Soulen).

Ruddy Turnstone: First seen Aug. 23 by the Bastens on Milwaukee lakefront.

Whimbrel: One seen at Port Washington harbor, Ozaukee County, Sept. 27. Well described in detail by John Bielefeldt.

Spotted Sandpiper: Last recorded on Oct. 25 by Bradford, Outagamie County.

Solitary Sandpiper: First seen Aug. 8 by Margaret Morse, Vernon County. Last recorded Sept. 27 by Bielefeldt, Waukesha County.

Greater Yellowlegs: First sighted Sept. 8 by John Kraupa, Manitowoc County. Last report Oct. 10 at Cedar Grove.

Lesser Yellowlegs: Arrival Sept. 3 in Milwaukee County (Mary Donald). Oct. 19 was latest date, Manitowoc County (John Kraupa).

Knot: Aug. 24 at Milwaukee (Basten) is earliest date. Late date, Sept. 29 at Sheboygan by H. Koopman.

Pectoral Sandpiper: Arrived Sept. 3 at Cedar Grove. Last seen Nov. 1 in Columbia County.

White-rumped Sandpiper: Sept. 9, Milwaukee (A. C. Bromm); only report.

Baird's Sandpiper: One at Ripon, Sept. 8 (N. R. Barger). Also Sept. 3-8 at Cedar Grove. Sept. 3, Milwaukee (Mary Donald). Sept. 4, Rock County (Glenn and Andrews).

Least Sandpiper: Widespread but sparse records spanning the period from Aug. 13 in Chippewa County to Sept. 10, Milwaukee (Bastens).

Dunlin: Not many reports. Latest date Nov. 1, Columbia County (Tom Ashman).

Dowitchers, Short-billed and Long-billed: While the A.O.U. recognizes these as two separate species, I for one would be skeptical about accepting most sight records specifying one or the other. This is an extremely difficult field exercise unless one can distinguish the call notes. On these grounds, we will accept Sam Robbins report of 35 Long-billed Dowitchers founds at Ripon, Fond du Lac County, on Sept. 24. See "By the Wayside." Several observations by Daryl Tessen, Outagamie County, from Aug. 16 to Oct. 4.

Stilt Sandpiper: One observation, on Sept. 3, Milwaukee (Mary Donald).

Semipalmated Sandpiper: Scattered records, Aug. 23 in Milwaukee (Bastens) to Oct. 11, also Milwaukee (Ivy Balsom), which is a fairly late date.

Western Sandpiper: One report on Nov. 7 by Harold Bauers in Milwaukee.

Buff-breasted Sandpiper: Until now there have been only six fall records for Wisconsin. Al and Lorna Basten found one on Sept. 8 in Milwaukee.

Sanderling: First noted Aug. 16 by Mrs. John Campbell in Milwaukee and last reported Nov. 1 by Harold Bauers, also Milwaukee. Peak of 115 on Sept. 23, Milwaukee (Bastens)

Avocet: Another excellent fall record by the Bastens on Sept. 26 at Bradford Beach, Milwaukee. This is only the fifth fall record for the state.

Northern Phalarope: Once considered a rarity in Wisconsin, this bird was reported Sept. 17 by the Bastens when no less than 30 were seen in Milwaukee. Also Aug. 30, Outagamie County (Bradford); Oct. 17, Goose Pond, Columbia County (Donald Cors); seven at Milwaukee harbor on Sept. 27 (Bielefeldt); five in Milwaukee Sept. 29 (Bastens); and Oct. 18, Columbia County (Tom Ashman). Such a flood of reports is truly phenomenal.

Franklin's Gull: This uncommon transient was reported but once, by the Bastens on Sept. 17, in Milwaukee.

Common Tern: Noted last on Oct. 15 by Cleary at DePere.

Caspian Tern: Noted Oct. 4, Brown County (Cleary) and by Mary Donald at Milwaukee on Sept. 12.

Black Tern: Extremely late date, Oct. 7, when three were seen in Winnebago Co. by William Hilsenhoff. One was still in spring plumage.

Mourning Dove: Nest in fir tree in St. Croix Falls, Sept. 10, one egg and one young in nest. On Sept. 21, both young being fed by parent (W. D. Barnard).

Yellow-billed Cuckoo: Last seen Oct. 13, Vernon County (Webers), and at Milwaukee on Oct. 15 by Ivy Balsom.

Black-billed Cuckoo: Last state report Sept. 29, at Cedar Grove.

Whip-poor-will: Last noted at Cedar Grove on Sept. 25.

Nighthawk: Oct. 8, Kenosha (Mrs. Higgins).

Chimney Swift: Lingered at Madison until Oct. 20, (William Hilsenhoff and Tom Soulen, independent reports).

Ruby-throated Hummingbird: Oct. 20, Green Bay (Mrs. E. Paulson), and Oct. 21, Adams County (Sam Robbins).

Red-bellied Woodpecker: Apparently spreading its range to north-eastern Wisconsin. Seen at feeding station of Bert Bachten, West DePere, through entire season (Ed Cleary).

Eastern Kingbird: Sept. 11 was latest state date, Rock County (Glenn and Andrews).

Great Crested Flycatcher: Mary Staeger of Birnamwood, Shawano County, record the latest one on Oct. 11.

Yellow-bellied Flycatcher: One recorded Sept. 30 at Cedar Grove, nine days later than previous late date.

Traill's Flycatcher: One banded on Oct. 9 at Chippewa Falls (Kemper). Last seen at Cedar Grove, Oct. 2.

Least Flycatcher: Late dates at Madison, Oct. 2 (Tom Ashman) and on Oct. 8 at Cedar Grove.

Eastern Wood Pewee: One October date for the state, Oct. 11 at Cedar Grove.

Olive-sided Flycatcher: Sept. 9, Outagamie County (Bradford); Sept. 7, Rock County (Mahlum, Glenn and Andrews).

Bank Swallow: Sept. 19, Marinette County (Harold Lindberg).

Rough-winged Swallow: A late date, Oct. 6 at Madison by Tom Ashman.

Barn Swallow: Last seen Oct. 17 by Harold Bauers in Dodge County; Oct. 16 at Cedar Grove.

Purple Martin: Rather late at Milwaukee, Oct. 15 (Ivy Balsom).

Blue Jay: A partial albino Blue Jay reported at feeding shelf of Margaret Morse at Viroqua, Vernon County.

House Wren: Last seen Oct. 15, Milwaukee County (Harold Bauers); Oct. 25, Rock County (Mahlum).

Bewick's Wren: Two in an old woodpile north of Mazomanie, Dane County, Oct. 10, (Tom Soulen).

Long-billed Marsh Wren: Oct. 18 in Outagamie County (Bradford) is latest fall date.

Short-billed Marsh Wren: Oct. 10, Iowa County (Tom Soulen).

Catbird: One on Nov. 17, a very late straggler in Sheboygan County (Koopmann).

Wood Thrush: Oct. 4 at Cedar Grove was the latest date.

Hermit Thrush: By the end of October practically all had left the state, but Mrs. John Campbell saw one on Nov. 27 in Milwaukee.

Swainson's Thrush: Good numbers. An impressive total of 953 were banded at Cedar Grove. This represents a total of 18 per cent of all of the 5,119 birds banded there that fall. By far the most abundant of the 90 species encountered. This seems to be unusual, as some areas in the country reported this bird as scarce. The last date reported was Oct. 23 at Appleton (Daryl Tessen).

Gray-cheeked Thrush: 233 banded at Cedar Grove. This total probably exceeds all the combined sight records for other parts of the state, and gives an excellent index of the relative abundance of this and the above species. However, this four-to-one ratio does not hold up at my banding station in western Wisconsin. There the ratio was closer to 10 to 1.

Veery: Last reports Sept. 30, Cedar Grove; Oct. 1, Chippewa County; and Oct. 3, Vilas County (Bradford).

Eastern Bluebird: Widespread reports from all sections of the state indicate that in the fall of 1959, Bluebird numbers were returning to a satisfactory level after their apparent decline of the past several years. Latest date reported was Nov. 9 in Dane County (Tom Ashman).

Ruby-crowned Kinglet: Apparently good numbers. Latest report was Nov. 7, Milwaukee County (Harold Bauers).

Water Pipit: This uncommon transient was reported but once this season, on Oct. 10. A flock of about 20 in a field north of Mazomanie, Dane County (Tom Soulen).

Bohemian Waxwing: After the tremendous influx of the previous year, it was of interest to see if an invasion would occur in 1959. Mary Donald reported two on Nov. 29 in Milwaukee. This was the only report.

Yellow-throated Vireo: Chippewa County TV tower victims were the latest birds recorded, on Oct. 1 (Kemper).

Solitary Vireo: Many late dates, but Nov. 9, Madison (Tom Ashman) is the latest fall date in the W.S.O. files

Red-eyed Vireo: Again many late dates, though not record breakers. Oct. 10, Cedar Grove; Oct. 15, Milwaukee (Ivy Balsom); Oct. 11, Chippewa County (Kemper); Oct. 14, Beloit (Mahlum).

Philadelphia Vireo: Arrived Aug. 30, Cedar Grove; Sept. 2, Rock County (Mahlum). Departed Oct. 14, Rock County (Mahlum).

Warbling Vireo: Narrow range of departure dates from Sept. 1, Vernon County, to Sept. 9, Dane County.

Black-and-White Warbler: Latest reports are Oct. 3, Chippewa County; Oct. 7, Milwaukee (Bauers); Oct. 13, Outagamie County (Daryl Tessen).

Golden-winged Warbler: Last seen Sept. 11, Dane County (Tom Ashman).

Blue-winged Warbler: One banded on Oct. 9. This is an exceptionally late date. Not only is it 20 days later than any previous Wisconsin date but it is close to being the record date of departure for all of the United States—Oct. 11, Deer Island, Mississippi. One wonders if this individual was ill or crippled.

Tennessee Warbler: This was a season for late departure. Nov. 3, Outagamie County (Daryl Tessen) is another exceptionally late date. Oct. 28, Milwaukee County (Harold Bauers) is likewise exceptional. Oct. 17, Dane County, (Robbins) would be a late date for most years but seems rather ordinary this season.

Orange-crowned Warbler: Arrived Sept. 12, Vernon County (V. and R. Weber). Last seen Oct. 18 at Cedar Grove and in Rock County (David and Marion Stocking).

Nashville Warbler: Last seen in Chippewa County Oct. 14; at Cedar Grove, Oct. 15 and in Milwaukee, Oct. 15 (Harold Bauers).

Parula Warbler: Last reported on Oct. 10, at Lake Park, Milwaukee (A. C. Bromm). This is a new record late date.

Yellow Warbler: Last noted Sept. 19, Dane County (Robbins).

Magnolia Warbler: Many October dates. Latest date Oct. 18 at Cedar Grove and in Outagamie County (Bradford).

Cape May Warbler: Arrived Aug. 21, Outagamie County (Tessen). Last seen Oct. 29, Vernon County (Margaret Morse). This is another latest departure on record for Wisconsin.

Black-throated Blue Warbler: Milwaukee on Oct. 10 (A. C. Bromm) is the latest recorded date for the season.

Myrtle Warbler: Last one banded Nov. 9, Chippewa County; also noted on Nov. 9, Rock County (Melva Maxson).

Black-throated Green Warbler: Last appearance in Milwaukee, Oct. 15, (Harold Bauers).

Blackburnian Warbler: Sept. 28, Vernon County (V. and R. Weber); Oct. 1, Chippewa County (Kemper) and Rock County (Glenn and Andrews).

Chestnut-sided Warbler: No unusual departure dates. Latest date Oct. 1, in Chippewa and Rock Counties. An exception to the trend among the unusually late warblers.

Bay-breasted Warbler: Arrived Chippewa County, Aug. 24; Adams County, Aug. 31 (Robbins); Cedar Grove and Milwaukee, Sept. 3 (Mary Donald). Departed Oct. 1, Chippewa County and Oct. 9, Milwaukee County (Mrs. John Campbell).

Blackpoll Warbler: Aug. 17, Outagamie County (Daryl Tessen) is the earliest arrival on record. Arrived Aug. 24, Chippewa County, and Aug. 31, Adams County (Robbins). Oct. 1 was the last date in Chippewa County; Oct. 5, Adams Co. (Robbins); Oct. 8, Milwaukee (Harold Bauers). An astonishing Oct. 20 at Cedar Grove is another state record late date.

Pine Warbler: Sept. 29 was the only date submitted, a bird seen in Rock County (Glenn and Andrews).

Palm Warbler: Arrived Aug. 29, Chippewa County. Last noted in the state on Oct. 28, Dane County (Ashman).

Ovenbird: Last seen in Chippewa County, Oct. 7; Adams County, Oct. 10; Milwaukee County, Oct. 11 (Ivy Balsom); Cedar Grove, Oct. 12.

Northern Waterthrush: Adams County, Oct. 10 (Robbins); Cedar Grove, Oct. 16; and Milwaukee, Oct. 18 (Harold Bauers), are the last dates.

Louisiana Waterthrush: Only two records. Sept. 24, Milwaukee (Ivy Balsom) and Sept. 4, Adams County (Robbins).

Connecticut Warbler: Nineteen of this species, once considered rare, were banded at Cedar Grove. Five banded at a much smaller operation in Chippewa County (Kemper). Total of 47 found under TV tower at Eau Claire on two different dates. Last seen Oct. 8, Milwaukee (Harold Bauers), when found dead under TV tower.

Mourning Warbler: Last seen at Cedar Grove, Sept. 17. Only record other than five found dead under TV tower on Aug. 28 at Eau Claire.

Yellowthroat: Latest report Oct. 17, Vernon County (Weber).

Yellow-breasted Chat: One along Milwaukee River, Milwaukee County, Oct. 8 (Harold Bauers). See "**By the Wayside.**"

Wilson's Warbler: Uniform arrival dates across the state from Aug. 28 to Sept. 1. Last reported Oct. 17, Vernon County (Webers).

Canada Warbler: Last reported Sept. 20 in Columbia County (Donald Cors).

American Redstart: Late dates include Oct. 5, in Adams County (Robbins), Chippewa County (Kemper), and Marathon County (Doty), Oct. 8, Milwaukee, and Oct. 13, Manitowoc County (John Kraupa).

Bobolink: A very late date, Oct. 17, Dodge County (Harold Bauers).

Baltimore Oriole: Reported as late as Sept. 17, Dodge County (Harold Bauers) and Rock Co. (Mahlum, Glenn and Andrews).

Rusty Blackbird: Arrived Aug. 20, Rock County (Mahlum).

Brewer's Blackbird: Latest seasonal record was Oct. 22, Chippewa County (Kemper).

Scarlet Tanager: Last noted Oct. 4, Cedar Grove. Ten dead birds found at TV tower, Eau Claire, Oct. 1 (Kemper).

Rose-breasted Grosbeak: Many reports. Representative departure dates: Oct. 2, Cedar Grove; Oct. 5, Vernon County (Weber); Oct. 3, Rock County (Mahlum).

Indigo Bunting: Latest report Oct. 9, Cedar Grove.

Dickcissel: Few records for the season. Last seen Sept. 8, in Rock County (Mahlum).

Evening Grosbeak: Widespread reports pointed to a good Grosbeak winter. Earliest arrival report, Oct. 15, Polk County (Mrs. Lester Pederson).

Pine Grosbeak: This irregular winter visitor began showing up at widespread points quite early: Nov. 17 at Cedar Grove, Nov. 12 at Wausau, Marathon County (Doty), and Milwaukee (Mary Donald).

Hoary Redpoll: One report on Nov. 24 of five in Polk County (Mrs. Lester Pederson).

Common Redpoll: Reports for late October and early November came in from all over the state, the vanguard of one of the great Redpoll winters in Wisconsin records.

Red Crossbill: Observed between Sept. 24 and Oct. 3, Marathon County, (Doty).

White-winged Crossbill: This uncommon winter visitor arrived at Cedar Grove on Sept. 24, a new arrival record date. One bird reported from Polk County on Nov. 15 (Pederson). Stayed until it picked all the cones from a large spruce tree. Left Nov. 23.

Savannah Sparrow: One very late date, Nov. 19, at Park Falls, Iron County (Norman Pripps).

Le Conte's Sparrow: Only one record, from Iowa County on Oct. 10 (Tom Soulen). "I searched for several hours in the field where I had found some numbers of these in other falls. But only one gave any evidence of its presence, and that for less than a minute. But it was close and gave me an ample look at it." Probably such persistence would pay off for all of us.

Henslow's Sparrow: Last report, Oct. 10, Iowa County (Soulen).

Sharp-tailed Sparrow: Four of these rare birds under the TV tower, Eau Claire County, Oct. 1 (Kemper).

Field Sparrow: Apparently Marguerite Morse gave the last farewell for the season, in Vernon County, on Oct. 31.

Harris' Sparrow: Reports from Oct. 8 to Oct. 18 from many widely separated points.

White-crowned Sparrow: First noted Sept. 22, Chippewa County, and Sept. 28, Adams County (Robbins). Last seen Nov. 22 by Tom Ashman in Dane County.

Fox Sparrow: Arrived at Cedar Grove on Sept. 19, Chippewa County on Sept. 22, and Adams County on Sept. 28.

Lincoln's Sparrow: Arrived Sept. 11, Cedar Grove; Sept. 12, Waukesha, (Mrs. Paul Hoffman); Sept. 13, Chippewa County (Kemper). Departure dates range from Oct. 15, Milwaukee (Harold Bauers) to Oct. 18, Dane County (Tom Ashman). Twenty banded at Cedar Grove, and 19 banded at Chippewa Falls, a far more modest operation. This would seem to indicate that Lincoln's Sparrows are more numerous in western than in eastern Wisconsin.

Lapland Longspur: First reported on Oct. 1, Milwaukee County (Ivy Balsom).

Snow Bunting: One was noted in company with Lapland Longspurs on Oct. 17, in Oconto County, by Carl Richter.

NEWS . . .

Harold Kruse asks that all members keep in mind the new and higher price now in effect on all **Field Guides** in the Peterson series. \$4.50 is the going rate, instead of \$3.95. Harold also announces availability of Joe Hickey's **A Guide to Bird Watching**, now out in a reprinted edition. The record department, under Ed Peartree, now has the **Finches** record produced by the Ontario Federation of Naturalists, at \$5.95.

A flock of geese scored a knockdown on a twin-engined airliner last October 17, as

the plane headed out over Lake Michigan near Muskegon. The plane's windshield was smashed, the pilot and co-pilot slightly injured, the passengers delayed for several hours on their flight to Green Bay, and three geese killed.

Our advertising "manager," Stanley Polachek, asks us all to patronize our advertisers whenever we can, and just as important, tell them that we do so in part because they have placed the ad in this journal. Keep it in mind!

By The Wayside . . .

White Pelican in Marquette County. West of Neshkoro, in northern Marquette County, my wife and I were returning from a northern trip on Oct. 5, when we saw (or rather caught a glimpse of) a large bird flying over the road, which we found upon closer scrutiny to be really large and mostly white, with decidedly black wing tips. We had the opportunity to watch it for less than a minute before it disappeared below the level of the tree tops, but before it disappeared we saw enough of its profile, size and color to establish its identity.—Tom Soulen, Madison.

Osprey Fishing in Wisconsin River. This bird was seen over the Wisconsin River at Portage on Nov. 28 and 29. It was seen to drop into the river in a dive after fish. On the 29th, the bird dropped to the river, caught a 6-7 inch fish and flew to a dead tree near my home.—Donald Cors, Portage.

Long-billed Dowitchers at Ripon. The observation that gave me the most satisfaction was the flock of 35 Long-billed Dowitchers found at Ripon on Sept. 24. I have been quite familiar with the call of the short-billed Dowitcher for quite a few years. These Ripon birds did considerable calling as they fed and flew short distances, and the call was strikingly different. Published literature has been confused on this point; Dick Wills' article in **The Passenger Pigeon** showed that "authorities" were not agreed on the distinctiveness of the calls of the dowitcher. But after the publication of this article, I had a personal note from Ludlow Griscom (shortly before his death) in which he assured me he was certain of there being a noticeable distinction between the calls of the two species. After the Sept. 24 observation, I feel certain of it too; in fact, I believe the call note to be a much more reliable point of difference in the two species than any plumage feature.—Sam Robbins, Roberts.

Western Sandpiper in Milwaukee. On Nov. 7, 1959, a small sandpiper, seen on the Milwaukee beach in the company of Sanderlings, was thought to be this species because of the following characteristics:

- (a) Its size, smaller than the Sanderling but not as small as the smallest "peeps."
- (b) "Peep"-like pattern and color.
- (c) Black feet and bill.
- (d) No white rump.
- (e) Long decurved bill.

Observation was for three minutes at 90 feet through binoculars and 20-power scope.—Harold Bauers, Milwaukee.

Seasonal Editor's Note: This is a model of identification by details.

Migration Wave at Kenosha. On Sept. 22, 1959, at 6:00 a. m., the fog was heavy and the temperature was 65 to 70 degrees. The peeps of hundreds (estimated) of thrushes and warblers were heard at the rate of two to three per second. There were very few in sight when the fog lifted later.—Mrs. Howard Higgins, Kenosha.

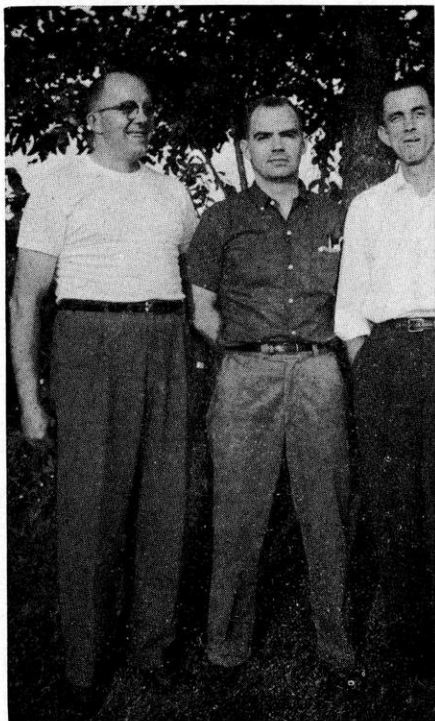
Yellow-breasted Chat in Milwaukee County. Occassionally the tempo of birding changes from a relaxed, deep-seated joy to a sudden palpitating excitement. Such a moment was mine on Oct. 8 when, while scanning

the edge of dense cover along the Milwaukee River for a variety of warblers, I unexpectedly found in my binoculars the large, clear image of a Yellow-breasted Chat. I had looked for this species in Wisconsin for many years without success and then had gone finally to Illinois and Missouri to see it. Then here, suddenly and improbably, the bird was. Quick mental notes were made: it's size, larger than nearby Redstarts and Yellow-throats; the thick black bill; white marking about the eye; the yellow throat, breast and belly, with under-belly and under-tail coverts white. Only a moment of good observation was allowed. At my first slight movement, the bird retreated into the heavy cover and could not be found again. I am not aware that the bird made any sound during the short period of observation, certainly it did not either before or after.—Harold Bauers, Milwaukee.

CLUB PAGE

New Bird Club Formed

Having had the notion for some years that Oconomowoc should have a bird club I inserted a notice in the local paper and on Sunday evening, January 17, Mr. and Mrs. Robert Sharp, Mr. and Mrs. Richard Sharp and Gordon Hammel gathered at my home to discuss formation of the club.



OCONOMOWOC CLUB OFFICERS,
L. TO R., PRESIDENT ED PEARTREE,
SECRETARY-TREASURER GORDON HAMMEL,
VICE-PRESIDENT RICHARD SHARP.

PHOTO BY WALTER WELLMAN

We met informally until May, having programs of slides and movies by Norma Schmidt of Hartford, and by Walt Wellman and myself from the local group. Various guests attended, including Dave and Hazel Cox of Beloit, Gordon Paeske of Watertown, and from the Waukesha club, Charles and Mary Nelson and Paul and Em Hoffman.

At the May meeting we formally organized as the S. Paul Jones Bird Club. Waukesha's Benjamin Goss Bird Club being named for an early-day Waukesha County ornithologist, it was thought fitting to name our group after a more recent Waukesha County man, WSO past president and my good friend the late S. Paul Jones.

Officers chosen for the year were myself as president, Richard Sharp as vice-president, and Gordon Hammel as secretary-treasurer.

It was decided to have as charter members all those who paid dues for the first year. At present we have 16 members. Most of our members are now also members of WSO, and have participated in campouts and field trips since spring.

One of our first official acts was to vote to present a library membership to the Oconomowoc Public Library in the name of the S. Paul Jones Bird Club.—Ed Peartree.

FIELD TRIP NEWS

HONEY CREEK TRIP

Only 29 birders were present to enjoy this trip and the May Count, on Sunday, May 22, at the WSO land in Honey Creek valley. The weather was beautiful and the scenery, flora and fauna wonderful on the two-mile rugged hike up this marvelous valley to the waterfalls. Observers counted 91 species in the area, including Bell's Vireo, Kentucky and Connecticut Warblers, Ruffed Grouse, and Turkey Vulture.

This trip should be one of the high spots of the year, and it is hoped that many more birders will join us at Honey Creek on May 28, 1961.

1960 SUMMER CAMPOUT

On Saturday and Sunday, June 18 and 19, 44 persons gathered on the limestone ridge of beautiful Horicon Ledges Park, in Dodge County southeast of Horicon Marsh. Campers came from Beloit, Milwaukee, Madison, Randolph, Racine, Kenosha, Kewaunee, Sussex, Ixonia, Hartford, and Oconomowoc.

Saturday dawned cold and rainy but by noon the weather became clear and beautiful. Saturday trips were on various dikes and roads in the marsh. Sunday morning was highlighted by a two-mile hike from the main ditch west across an undisturbed portion of the marsh. In addition to birds, we were rewarded with sightings of both fawn and adult deer. Among the 95 species of birds recorded for the trip were Western Grebe, Swainson's Hawk, Glossy Ibis, Double-crested Cormorant, and Prothonotary Warbler.

Next summer we will again camp at Horicon Ledges and enjoy the lonely reaches of the great marsh.

1960 FALL CAMPOUT

Seventy-one birders from Beloit, Milwaukee, Hartford, Madison, Fort Atkinson, Racine, Monterey, Dousman, Kenosha, West Allis, Waukesha, Brookfield, Jefferson, and Oconomowoc gathered for the September 10 and 11 weekend at the Boy Scout area on Highway "G" south of Waterville in the southern Kettle Moraine. Cool nights and clear fine days were the order of the weather.

Saturday morning was spent at the home of Paul and Em Hoffman, near the campsite, touring their own private kettle country of fine nature trails and habitat. The Saturday afternoon trip included visits to Charles and May Nelson's estate, Ted Wilder's woods, Beaver Dam Lake and Puchner's Pond. Saturday evening found campers gathered around a fine campfire, with popcorn for all, courtesy of Mrs. Brown and Mrs.

Pear tree, community singing led by the Rev. and Mrs. H. W. Jewkes, and a short course in star gazing. Sunday hikes were held in the park area. Only 67 species were recorded, with 14 warblers and nine hawks among them. Highlights included Yellow-breasted Chat, Barn Owls, Olive-sided Flycatcher and Turkey Vulture. The 27 Vultures seen in the air at one time is believed to be the most ever recorded in the state.

CEDAR GROVE TRIP

On Sunday, October 2, 92 members and guests met on the ridge at Cedar Grove for the annual hawk migration observation. Members of the Milwaukee Audubon and Chicago Ornithological Societies were our guests on this occasion. Gary, Indiana, was the farthest point-of-origin recorded for any of the visitors.

Some 68 hawks were seen, of which about 80 per cent were Sharp-shinned. This was the best hawk count on our chosen day in several years. Other highlights of the trip were the Harris' Sparrow seen by many of us, the Peregrine Falcon, the Cooper's Hawk, and the Saw-whet Owl. The latter two were brought up from the banding station for us to see.—Ed Peartree.

BALD EAGLE STUDY

In the past, there have been many suggestions and rather vague statements to the effect that the Bald Eagle was having population trouble, that the number of birds was declining, even that our national bird was facing extinction.

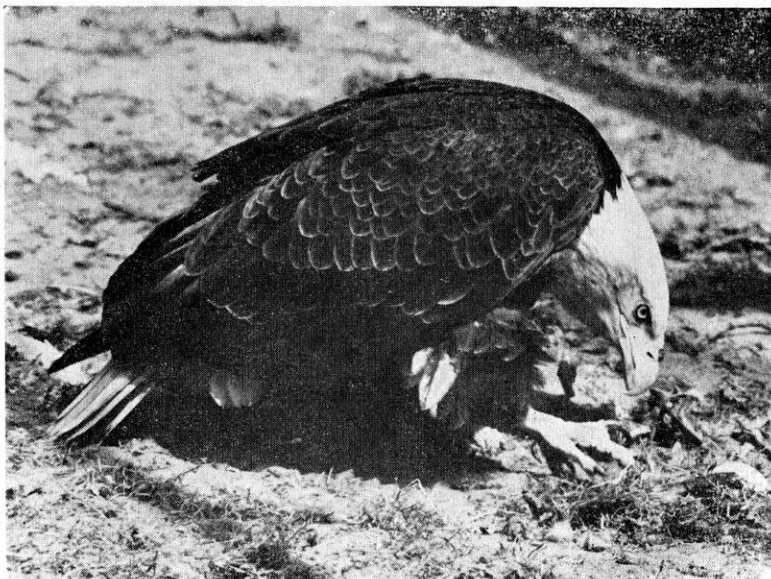


PHOTO BY WISCONSIN CONSERVATION DEPARTMENT

Various factors have been implicated. At least one authority suggested that Eagle reproduction was being hampered, and that fertility in adults was reduced by the ingestion of pesticide residues in fish taken for food. The destruction of nesting sites through wind damage, logging, and land clearing has often been mentioned, particularly in Florida. Illegal shooting has been described as a constant drain on Eagle numbers.

Now the National Audubon Society, together with its affiliates in many states (Florida especially) and the Fish and Wildlife Service, has set out to determine what is actually happening to the Bald Eagle, why, and what can be done to maintain this species.

Alexander Sprunt IV, better known to Wisconsin birders as "Sandy," has been put in charge of the national program by the National Audubon Society, for which he acts as research director in Florida. Sprunt served for some time as ornithology instructor at the Wisconsin Audubon Camp, and his wife, the former Donna Nelson of Stoughton, is a University of Wisconsin graduate and former camp nurse at Sarona.

A recent release from the Florida Audubon Society states that Hurricane Donna (no relation!) destroyed "90 per cent of the Eagle nests or Eagle nesting trees in Florida." Official recognition was given the crisis and the program by Governor LeRoy Collins, who established Florida Bald Eagle Week, October 23-29.

Also cooperating in the study, in our area, are the Illinois Audubon Society and the Iowa Ornithologists' Union. Under the chairmanship of Elton Fawks, Rural Route 1, Box 112, East Moline, Illinois, these groups have begun the Mississippi River Valley Winter Study of Eagle numbers, age ratios, and other data which may lead to a more definite estimate of population trends in this important Eagle wintering area.

The two groups have invited Wisconsin observers to join in this worthwhile investigation. Where the Mississippi forms our western boundary, we no doubt have wintering Eagles, and certainly there have been substantial numbers of these birds counted each year along the Wisconsin River. Birders in these two areas especially, and any others who may have the opportunity wherever they may be in the state, are asked to carefully record as much of the following data as possible:

Numbers and Age Ratios: For this purpose, birds without the white head and tail will be considered as immatures, although birds with intermediate plumage should also be noted. Counts made in the same location, periodically, will be of maximum value, although one-time reports will be welcomed as well. Dates and location are important here.

Dates of Arrival, Peaks, and Departure: Since this information, looked at with similar material from other points, may indicate shifts and migratory movements, it is especially valuable. This will be true of concentrations and single birds alike. Observations of Eagles in spring, summer, and fall, or in past years, should also be reported.

Data on Nesting, Mortality, Feeding and Food Habits, Roosting, and Courtship: In other words, almost everything the birds do that may have population significance should be carefully recorded and reported.

Information collected in the Mississippi River area will be gathered by Fawks and added to the data from other states and regions. All members of W.S.O. will be able, if they wish, to help with this program. As new developments occur, they will be reported on these pages.

COMING—1960 CHRISTMAS COUNT

There are a number of reasons why annual Christmas Counts, as well as other nationwide surveys and censuses, are assuming greater importance. The concern being voiced in all parts about the effects of pesticides, pollution, drainage, and habitat destruction on our bird populations is certainly not the least of these reasons.

Counts grow in value, too, as more and more sections of a given state or region, and more and more parts of North America, are heard from. Repeated counts from the same areas are especially valuable, giving as they do some basis for general population estimates, ideas on trends, and conclusions as to the effects of habitat changes.

The 1959 Wisconsin Count

Last year in Wisconsin there were 36 counts suitable for publication in this journal. A record number of observers took part. The species count, however, dipped to 109, the second lowest total since 1951.

Geographically, our Wisconsin counts left something to be ardently desired. The entire western half of our state was neglected, and the northwest quarter especially so. It is to be hoped that more observers in this vast and bird-rich area will join with each other to remedy this situation.

This year the count period runs from December 21 to January 2, inclusive. On the day selected, parties of observers should be in the field for as long a period as possible, with eight hours as a minimum. Pre-dawn visits to wooded areas often result in several owl species being the first birds listed.

As usual, the counts should be made within a circle $7\frac{1}{2}$ miles in radius. If a given area was used last year, repeat the procedure for this count. If a new area must be selected, or if a new count is to be made, the area chosen should have as many varied habitats as possible. Deciduous and coniferous woods, water and marsh areas, residential and farm lands, bird feeders, should all be included wherever possible.

Count Them All!

Observers should make every effort to obtain actual counts of all birds seen and heard. In some cases, careful estimates will have to suffice. Bird calls should be followed up, since one or a few calls may come from a flock in which most individuals remain silent. In winter, especially, such flocks or bands are often of mixed species. In recording birds seen in the field, each observer or party should maintain a running account, rather than expecting to recall the data later.

Weather data (temperature high and low, sky condition, wind speed and direction, snow depth, presence of open water, etc.), together with time, mileage, and other information as requested should be recorded on standard reporting forms furnished by the associate editor. Reports should be sent to the associate editor by January 15, and to the National Audubon Society as well. The address for the latter is 1130 Fifth Avenue, New York 28, New York.

Good counting!

DATES TO REMEMBER

Right Now! (State-wide)—Field notes for the period August 16 through November should be sent to the Associate Editor, the Rev. Sam Robbins, at Roberts, Wisconsin, and to Mrs. Anne Dodge, Museum of Natural History, Minneapolis 14, Minnesota, for inclusion in **Audubon Field Notes**.

December 21, 1960-January 2, 1961 (State-wide)—Christmas Bird Count period.

January 5-6, 1961 (Madison)—Wisconsin Pesticides Conference, Memorial Union.

January 8, 1961 (Green Bay)—Green Bay Bird Club Annual Banquet.

January 17, 1961 (Beloit)—Ned Hollister Bird Club Audubon Screen Tour, with William Anderson speaking on "Designs for Survival" at Beloit College. (Also January 18 in Rockford.)

January 23, 1961 (Madison)—Wildlife Research Seminar, with Robert McCabe speaking on "The Waterfowl Catch in the Delta Decoy (Trap), 1950-60," at the Forestry and Wildlife Building at 7:45 p. m.

January 26, 1961 (Madison)—Madison Audubon Screen Tour, with Emerson Scott speaking on "Pika Country," at West High School at 7:30 p. m.

January 29, 1961 (Manitowoc)—Roger Tory Peterson Bird Club Audubon Screen Tour, with Emerson Scott speaking on "Pika Country," at Washington Junior High School at 3:30 p. m.

February 13, 1961 (Madison)—Wildlife Research Seminar, with John M. Gates speaking on "The Role of Marshes in Pheasant Ecology in Southeast Wisconsin," at the Forestry and Wildlife Building at 7:45 p. m.

February 27, 1961 (Manitowoc)—Roger Tory Peterson Bird Club Audubon Screen Tour, with Karl H. Maslowski speaking on "Waterway Wildlife," at Washington Junior High School at 8:00 p. m.

February 28, 1961 (Milwaukee)—Milwaukee Audubon Screen Tour, with Karl H. Maslowski speaking on "Waterway Wildlife," at Shorewood Community Auditorium at 8:00 p. m.

March 1, 1961 (Madison)—Madison Audubon Screen Tour, with Karl H. Maslowski speaking on "Sahuaroland," at West High School at 7:30 p. m.

March 5, 1961 (Milwaukee)—W.S.O. Lakeshore Field Trip, beginning at McKinley Park Beach, at 8:00 a. m.

March 20, 1961 (Madison)—Wildlife Research Seminar, with A. W. Schorger speaking on "Wildlife in Early Kentucky," at the Forestry and Wildlife Building at 7:45 p. m.

April 12, 1961 (Manitowoc)—Roger Tory Peterson Bird Club Audubon Screen Tour, with G. Clifford Carl speaking on "Secrets of the Sea," at Washington Junior High School at 8:00 p. m.

April 13, 1961 (Madison)—Madison Audubon Screen Tour, with G. Clifford Carl speaking on "Secrets of the Sea," at West High School at 7:30 p. m.

April 14, 1961 (Milwaukee)—Milwaukee Audubon Screen Tour, with G. Clifford Carl speaking on "Secrets of the Sea," at the Shorewood Community Auditorium at 8:00 p. m.

May 1, 1961 (Milwaukee)—Milwaukee Audubon Screen Tour, with Emerson Scott speaking on "Pika Country," at the Shorewood Community Auditorium at 8:00 p. m.

May 6-7, 1961 (Plainfield)—W.S.O. weekend on the Prairie Chicken booming grounds on the Buena Vista Marsh. Reservations now being accepted by field trip chairman Ed Peartree, and must be in by April 15. Sunday almost full now. First come, first served.

May 19-21, 1961 (Waukesha)—W.S.O. Annual Convention, Carroll College.

May 28, 1961 (Leland)—W.S.O. Spring Field Trip and May Count, at Honey Creek. Changed from May 21 date previously announced.

June 17-18, 1961 (Mayville)—W.S.O. 1961 Summer Campout, Horicon Ledges County Park. Details will be announced later.

September 9-10, 1961 (Cassville)—W.S.O. 1961 Fall Campout, Nelson Dewey State Park. Details will be announced later.

MORE NEWS . . .

When a section of Detroit was treated with aldrin, an insecticide similar to DDT, for an "outbreak" of Japanese beetles, a group of Detroit Audubon Society members made before-and-after bird counts. Between late September and October 21-22, they found a reduction in bird population of from 1097 to 557. This being a built-up residential area, about 80 per cent of the birds both before and after the spraying were House Sparrows, non-migratory. The Detroit observers don't claim complete accuracy, nor do they draw definite conclusions, but they call the comparison a "straw in the wind!"

The Mourning Dove, still protected in Wisconsin but legal game in 30 states and two provinces, will be subjected to an intensive study by federal, state, university, and private conservation agencies and experts. We who feel that Doves deserve protection here should welcome the study, for it is hoped that the result will be data and information that will help to preserve our Mourning Doves despite the tremendous hunting pressure they receive. Population estimates, nesting, migration, hunter "harvest," and mortality from other causes will be among the topics under investigation.

Observers at Port Arthur and Fort William, Ontario, on Lake Superior, report a decline in the numbers of Double-crested Cormorants nesting there. One reason, apparently, is an increase in the Herring Gull population. The Gulls have been seen attacking young Cormorants.

Bobwhite have begun their comeback from the population low-point of the past two long, cold winters. A mild winter now will help. However, the continued loss of cover, particularly hedgerows, is likely to retard this recovery, and to prevent it on the margin of the Bobwhite's range in the state. Conservation Department studies indicate that Bobwhite should have a minimum of one mile of 12-foot-wide hedgerow brush for every 450 acres of farmland range. For most of the state, that's about one-third of a mile per farm. Other wildlife, including most of the small birds, will also gain nesting and protective cover and food from hedgerows left or established for Bobwhite.

A lady in Muskegon, Michigan, is reported to have found a Robin's nest into which was woven a 50-dollar bill. **Bird Tracks**, published by the Jackson (Michigan) Audubon Society, suggests that the bill may have been a nest egg!

Wisconsin Conservation Department game managers have come up with the following tips for increasing Ruffed Grouse populations through habitat improvement: "Underplant aspen with conifers (for winter cover); leave as many ironwood standing as possible (they provide a well-liked winter menu); maintain alder thickets (grouse broods use them in summer); keep some openings in the forest (these produce good cover around the edges and food in the middle)." These wildlife experts have also found that light grazing in certain aspen stands help to improve the habitat. Very probably, these same techniques would benefit songbirds as well.

1960 W. S. O. MEMBERSHIP LIST

This list is being published for several reasons. We hope that it will serve to bring our members closer together in our common interest. We hope, too, that members in communities around the state will seek out others they find listed here, meet them, and perhaps come to share field experiences and friendship. Who knows, we may find some new bird clubs springing up, as a result!

We may also hope that the list will serve as a stimulus to those of us who are on it. We would like to lengthen the list, to include as many Wisconsin birders as possible in our efforts toward complete statewide bird observation, education, and conservation.

The list is up-to-date through mid-November, to the best of our knowledge. Should there be errors of omission or commission, please let the editor know about them.

There are, on this list, 583 active members, 116 joint memberships (232 individuals), 48 library memberships, 16 student members, 57 sustaining members, 15 life members, two patrons, and five honorary members.

Active Members

- | | |
|---|---|
| Abrahams, Janice
4178 N. Bartlett St., Milwaukee 11 | Badger, Lester R.
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| Adams, Robert R.
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812 Cleveland Ave., Racine |
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| Ansorge, Mrs. Louis E.
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 Bielefeldt, Harlow
 6538 42nd Ave., Kenosha
 Bloxdorf, Mrs. Walter
 2321 75th St., Kenosha
 Boulton, Charles F.
 3347 N. Murray Ave., Milwaukee
 Bowman, Mrs. F. F., Jr.
 Fox Bluff Route, Waunakee
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 Brown, Harold H.
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 Brown, Mrs. Helen M.
 215 Carroll St., Waukesha
 Brown, Keith S., Jr.
 413 Merrill Crest Dr., Madison 5
 Brown, L. W.
 4110 Cherokee Dr., Madison 5
 Bruhn, Mrs. H. D.
 5418 Lake Mendota Dr., Madison 5
 Buck, Clarence L.
 10918 Montrose Ave., Garrett Park, Md.
 Buerger, Mrs. O. A.
 3728 Riverview Dr., Wausau
 Burridge, George Nau
 1120 S. Van Buren St., Green Bay
 Bushcott, Mrs. Rudy
 205 S. 6th St., Fort Atkinson
 Buss, Irvn O.
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MORE NEWS . . .

WSO members who visit Florida's bird-rich swamps and sanctuaries, in reality or in their dreams, may be interested in the publication by National Audubon of "A Self-Guided Tour of the Boardwalk," a handbook of the birds, plants, and ecology of Corkscrew Swamp. Corkscrew is one of the Audubon Society's fascinating Florida sanctuaries, visited by many Yankees and Badgers each year. The booklet, available from the New York office (1130 Fifth Avenue, New York 28) for 50 cents, was written by Alexander (Sandy) Sprunt IV, Audubon research biologist and one-time instructor at the Audubon Camp of Wisconsin. Mrs. Sprunt, the former Donna Nelson of Madison and Stoughton, contributed the photos.

Analysis of tissue from animals and birds found dead after fire ant spraying operations in the Southeast has shown 98

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per cent to contain insecticide residues. The analysts don't claim that the sprays killed all this wildlife, but they point out that the level of residue concentration equalled the amount proven fatal to similar species in laboratory experiments. Birds and animals shot on treated areas after six months still contained traces!

Also available from National Audubon is an attractive brochure which gives a tempting description of the 1960-61 Audubon Wildlife Tours in Florida. These are station wagon and boat trips, of one or two days duration, into the Everglades National Park and Corkscrew Sanctuary. Many trips are listed, most of them already underway, with dates available through the winter and into early May, in some cases. Egrets, herons, storks, Anhingas, Roseate Spoonbills, and other Florida specialties will be seen at close hand, often in their rookeries. This sounds like a very worthwhile way to spend some of that winter vacation in the sunny South!

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MORE NEWS . . .

Our field trip chairman and record salesman, Ed Peartree, has been elected to his fourth term as president of the Inland Bird Banding Association. Another active Wisconsin bander, Dr. Charles Kemper, serves as one of the group's vice-presidents, as well as WSO conservation chairman. Other officers are from Minnesota, Illinois, Indiana, and Ohio. The Association met with the Michigan Banders at East Lansing on November 5. Peartree will welcome letters from anyone interested in either banding or the the Association.

Newsletters from local bird clubs con-

tinue to come to the editor; they always contain something of interest. The Green Bay Bird Club invited their local conservation warden to attend a meeting, and printed a write-up of his many and varied duties in their **Chick-dee-dee**. Members of the Madison Audubon Society purchased \$30 worth of federal duck stamps to help the wetlands acquisition movement. The Ned Hollister Bird Club, of Beloit, reported having a meeting devoted to "the 133 kinds of owls in the world." This group now puts out **The Flyer**, with a "Flight" each month. We appreciate getting these—please keep them coming.

BOOK REVIEW *

THE WEB OF NATURE. By Ted S. Pettit, illustrated by G. Don Ray. Garden City Books, New York, 1960. 56 pp., \$2.95

This book is designed for readers at the junior high level, and deals with basic ecology without the textbook proportions so often encountered! Well illustrated with colored drawings, it does an excellent job of developing the very close relationship between plants and animals in their changing worlds.

The concept of "natural communities" is explained by the author and illustrator, who include down-to-earth answers to such questions as "Why plants grow where they do," and why certain animals are found living amongst them. Water communities, marshes, prairies, and forests are very adequately described.

The vocabulary choice is excellent, the writing lucid and interesting. In the illustrations, there is accuracy and detail in the portrayal of the tiniest water plants and the largest trees.

Particularly pleasing is the interpretation, in introductory and closing chapters, of man's role in nature, and of his effects, both good and bad, on "the web." Altogether, this is an excellent introduction to ecology, the "study of the home," for beginners of all ages, in a compact and well-done publication.—Robert O. Ellingson.

*Available from the W.S.O. Supply Department.



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