

ALL DAY WITH THE BIRDS.

LYNDS JONES.

MAY 16 AT OBERLIN, OHIO.

On account of the capriciousness of the weather two attempts were made to secure the largest horizon for the season. The first on May 14th by the writer alone, with three hours in the afternoon cut out, with a record of 102 species (just equalling our first "all day" record); the second on May 16th, Mr. W. L. Dawson and the writer, with a record of 109 species. The time occupied was from 3:30 a. m. to 8:00 p. m. The day began with a temperature of 44° and foggy near the ground, the fog lifting at 7 a. m., making work with the warblers which feed in the foliage of the tree-tops almost impossible. At 6:00 o'clock only 67 species had been recorded, as against 90 at the same hour last year.

The distance to Oak Point, on Lake Erie, was made a-wheel, enabling us to visit some especially favorable places on the way there and back, and to spend some time in the evening twilight where the owls live. The sequel seems to clearly show that the overland trip by trolley is wasted time.

Two surprises in the lake shore swamps awaited us. One was in the form of a company of shore birds on the mud-flats, which included three species never before taken so late in the season; the other our inability to start the Long-billed Marsh Wren and Sora from their reedy retreats. There were other disappointments, as there always are. While the list of species observed is smaller than the largest, we feel satisfied with the day's work. The season was not such as to hold the birds during their northward movement.

It will be remembered that the first "All Day" occurred on May 17, 1898, 102 species; the second on May 8, 1899, 112 species; the third on May 19, 1900, 100 species; the fourth on May 9, 1901, 109 species; the fifth on May 7, 1902, 113 species, and the sixth on May 16, 1903, 109 spe-

cies. While the dates are somewhat scattered they represent nearly the same level from the stand-point of weather and the progress of the migrations; it is pertinent, therefore, to draw a comparison between the several lists by showing what birds were recorded on all of the six occasions, and showing what ones were recorded fewer times. In the lists which follow those species marked thus * were recorded this year (1903).

SPECIES RECORDED ON EACH OF THE SIX "ALL DAYS".

Herring Gull.*	Swamp Sparrow.*
Virginia Rail.*	Towhee.*
Spotted Sandpiper.*	Cardinal.*
Killdeer.*	Rose-breasted Grosbeak.*
Bob-white.*	Indigo Bunting.*
Mourning Dove.*	Scarlet Tanager.*
Red-shouldered Hawk.	Purple Martin.*
Am. Sparrow Hawk.	Barn Swallow.*
Belted Kingfisher.*	Bank Swallow.*
Hairy Woodpecker.*	Rough-winged Swallow.*
Downy Woodpecker.*	Migrant Shrike.*
Red-headed Woodpecker.*	Red-eyed Vireo.*
Northern Flicker.*	Warbling Vireo.*
Chimney Swift.*	Blue-winged Warbler.*
Kingbird.*	Nashville Warbler.*
Crested Flycatcher.*	Tennessee Warbler.*
Phoebe.*	Yellow Warbler.*
Green-crested Flycatcher.*	Magnolia Warbler.*
Traill Flycatcher.*	Cerulean Warbler.*
Least Flycatcher.*	Oven-bird.*
Prairie Horned Lark.*	Water-Thrush.*
Blue Jay.*	Louisiana Water-Thrush.*
American Crow.*	Maryland Yellow-throat.*
Bobolink.*	Yellow-breasted Chat.*
Cowbird.*	American Redstart.*
Red-winged Blackbird.*	Catbird.*
Meadowlark.*	Brown Thrasher.*
Orchard Oriole.*	House Wren.*
Baltimore Oriole.*	White-breasted Nuthatch.*
Bronzed Grackle.*	Tufted Titmouse.*
American Goldfinch.*	Chickadee.*
Vesper Sparrow.*	Blue-gray Gnatcatcher.*
Grasshopper Sparrow.*	Wood Thrush.*
White-throated Sparrow.*	Wilson Thrush.*
Chipping Sparrow.*	Olive-backed Thrush.*
Field Sparrow.*	Robin.*
Song Sparrow.*	Bluebird.*

Total, 74.

SPECIES RECORDED FIVE TIMES OUT OF THE SIX.

Common Tern.*	Blue-headed Vireo.*
Green Heron.*	Chestnut-sided Warbler.*
Bartramian Sandpiper.*	Blackburnian Warbler.*
Ruby-throated Hummingbird.	Black-throated Green Warbler.*
Wood Pewee.*	Canadian Warbler.*
White-crowned Sparrow.	Long-billed Marsh Wren.
Cliff Swallow.*	Gray-cheeked Thrush.*
Yellow-throated Vireo.*	

Total, 15.

SPECIES RECORDED FOUR TIMES OUT OF THE SIX.

American Bittern.*	Black and White Warbler.
Sora.	Black-throated Blue Warbler.*
Solitary Sandpiper.*	Myrtle Warbler.*
Nighthawk.*	American Pipit.
Tree Swallow.*	

Total, 9.

SPECIES RECORDED THREE TIMES OUT OF THE SIX.

Great Blue Heron.	Lincoln Sparrow.
Cooper Hawk.*	Bay-breasted Warbler.
Red-tailed Hawk.*	Palm Warbler.
Broad-winged Hawk.	Mourning Warbler.
Bald Eagle.	Wilson Warbler.
Yellow-billed Cuckoo.*	Winter Wren.
Black-billed Cuckoo.*	Red-breasted Nuthatch.
Whip-poor-will.*	Ruby-crowned Kinglet.

Total, 16.

SPECIES RECORDED TWICE OUT OF THE SIX.

Pied-billed Grebe.	Rusty Blackbird.
American Woodcock.	Golden-winged Warbler.
Sharp-shinned Hawk.	Orange-crowned Warbler.
Barred Owl.*	Brown Creeper.
Red-bellied Woodpecker.*	

Total, 9.

SPECIES RECORDED BUT ONCE OUT OF THE SIX.

Bonaparte Gull.	Turkey Vulture.*
Wood Duck.	Pigeon Hawk.
Am. Scaup Duck.	American Osprey.
Least Bittern.	Screech Owl.
Florida Gallinule.*	Pine Siskin.
American Coot.	Brewster Warbler.*
Wilson Snipe.*	Black-poll Warbler.*
Least Sandpiper.*	Connecticut Warbler.
Semipalmated Sandpiper.*	Hooded Warbler.
Greater Yellow-legs.	Carolina Wren.*
Yellow-legs.*	Short-billed Marsh Wren.
Semipalmated Plover.*	Golden-crowned Kinglet.
Turnstone.	

Total, 25. Grand Total, 148.

MAY 10. AT CADIZ, OHIO.

HARRY B. M'CONNELL.

May 10.—In the vicinity of Cadiz from 4 o'clock to 9. Two miles east of town from 10 till 12. In the region of Piedmont, 14 miles southwest of Cadiz, in the late afternoon. Temperature 60° at 4 a. m., 78° at 9 a. m.; clear. Walked 11 miles, rode on bicycle 6 miles, drove 14 miles.

Green Heron.	Grasshopper Sparrow.
Woodcock.	White-throated Sparrow.
Wilson's Snipe.	Chipping Sparrow.
Spotted Sandpiper.	Song Sparrow.
Killdeer.	Towhee.
Bob-white.	Cardinal.
Ruffed Grouse.	Indigo Bunting.
Mourning Dove.	Scarlet Tanager.
Turkey Vulture.	Purple Martin.
Cooper's Hawk.	Barn Swallow.
Red-tailed Hawk.	Bank Swallow.
Belted Kingfisher.	Tree Swallow.
Downy Woodpecker.	Red-eyed Vireo.
Red-headed Woodpecker.	Warbling Vireo.
Red-bellied Woodpecker.	Yellow-throated Vireo.
Flicker.	Nashville Warbler.
Yellow-bellied Sapsucker.	Yellow Warbler.
Whip-poor-will.	Cerulean Warbler.
Nighthawk.	Kentucky Warbler.
Chimney Swift.	Blackburnian Warbler.
Kingbird.	Canadian Warbler.
Crested Flycatcher.	Oven-bird.
Phoebe.	Water Thrush.
Wood Pewee.	Maryland Yellow-throat
Prairie Horned Lark.	Yellow-breasted Chat.
Rose-breasted Grosbeak.	Catbird.
Blue Jay.	Brown Thrasher.
Crow.	Carolina Wren.
Bobolink.	Tufted Titmouse.
Meadowlark.	White-breasted Nuthatch.
Orchard Oriole.	Carolina Chickadee.
Bronzed Grackle.	Chickadee.
Cowbird.	Blue-gray Gnatcatcher.
Red-winged Blackbird.	Wood Thrush.
Goldfinch.	Wilson's Thrush.
Cedarbird.	Robin.
Vesper Sparrow.	Bluebird.
Field Sparrow.	

Unidentified, 2; Total, 78 species.

We drove to Piedmont in the hope of seeing the Golden Eagle and Logcock. The former is frequently seen in that region, and three have recently been trapped alive. The

farmers in that section are complaining that the eagle is taking their lambs.

MAY 17. AT M'ZENA, OHIO.

C. L. METCALF.

McZena, Ohio.—May 17; from 4:30 till 7:50 a. m. and from 12:30 till 5:20 p. m.; clear; light wind, from the north in the morning, south in the afternoon; average temperature about 70°.

Spotted Sandpiper.	Grasshopper Sparrow.
Killdeer.	White-crowned Sparrow.
Bob-white.	Field Sparrow.
Ruffed Grouse.	Song Sparrow.
Mourning Dove.	Towhee.
Red-tailed Hawk.	Cardinal.
Sparrow Hawk.	Rose-breasted Grosbeak.
Yellow-billed Cuckoo.	Indigo Bunting.
Belted Kingfisher.	Scarlet Tanager.
Hairy Woodpecker.	Purple Martin.
Downy Woodpecker.	Barn Swallow.
Red-headed Woodpecker.	Red-eyed Vireo.
Red-bellied Woodpecker.	Warbling Vireo.
Flicker.	Yellow-throated Vireo.
Chimney Swift.	Yellow Warbler.
Ruby-throated Hummingbird.	Black-poll Warbler.
Kingbird.	Blackburnian Warbler.
Crested Flycatcher.	Black-throated Green Warbler.
Phoebe.	Oven-bird.
Wood Pewee.	Maryland Yellow-throat.
Prairie Horned Lark.	Yellow-breasted Chat.
Blue Jay.	Catbird.
Crow	Brown Thrasher.
Bobolink.	White-breasted Nuthatch.
Cowbird.	Tufted-Titmouse.
Red-winged Blackbird.	Blue-gray Gnatcatcher.
Meadowlark	Wood Thrush.
Orchard Oriole.	Olive-backed Thrush.
Baltimore Oriole.	Hermit Thrush.
Bronzed Grackle.	Robin.
Goldfinch.	Bluebird.
Vesper Sparrow.	

Total, 63 species.