

American Birds

Spring 1985



American Birds

A bimonthly journal devoted to the birds of the Americas

Published by the National Audubon Society / Russell W. Peterson, Publisher

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AMERICAN BIRDS welcomes the submission of articles and photographs for publication. Our major areas of interest are the changing distribution, population, migration, rare occurrence, ecology, and behavior of the birds of North and South America, including Middle America and the West Indies. We solicit articles on problems in field identification, and contributions to our Site Guide series on birding locales, and to our Centers of Learning series that profiles institutions concerned with ornithology.

AUTHORS—AMERICAN BIRDS publishes papers of a technical nature, but only when written in an easily readable style, without complicated equations, long tables, or complex graphs. Lengthy papers should be accompanied by an abstract of about 50 words. All submissions will be carefully considered, but authors planning major submissions should correspond with the editors first. Major articles should not exceed 3000 words and six display items, but exceptions may be agreed upon after consultation. All material submitted should be original and not published previously. Manuscripts should follow accepted rules of format and style, be typewritten, double-spaced, on one side of white paper, with generous margins. Submissions should include suggestions for subheads and full captions for all figures, tables, and photographs. We require the original typescript, display items of publishable quality, and at least two copies of everything submitted. All manuscripts will be acknowledged and evaluated promptly, but authors are advised that a backlog exists, and that this may entail a delay in publication after acceptance. Manuscripts will be refereed before being accepted. Submissions judged to be unsuitable for publication in AMERICAN BIRDS will be returned. We also welcome letters to the editor of moderate length.

For a Work in Progress section, we welcome notices of research projects seeking field reports or other collaboration and requests for assistance; we publish advance notices of important conventions, meetings, symposia, seminars, and conferences.

ARTISTS AND PHOTOGRAPHERS—AMERICAN BIRDS is now able to publish more pages of illustrative material, both in color and in black-and-white. We welcome submission of photographic essays or series of topical interest, high-quality photographs of significance, transparencies of paintings in color, as well as line or wash drawings that can be used in an illustrative or decorative manner. Photographs should be glossy black-and-white prints or transparencies, clearly marked with the photographer's name and address. We would like to hear from (with a sample or two) artists who might be willing to illustrate articles for us. As usual, documentary photographs will be used, space permitting, in our Changing Seasons and Regional Reports sections.

AMERICAN BIRDS is published five times a year. Editorial and business offices are located at 950 Third Avenue, New York, N.Y. 10022. Subscriptions, all in U.S. \$: One year U.S.A. \$18, Canada \$21, foreign \$25, libraries, institutions, \$20. Single copies: Christmas Bird Count \$10.00, Fall Migration (Spring issue), Winter Season (Summer issue), Spring Migration (Fall issue), Summer Season (Winter issue) all \$3.00 U.S.A., elsewhere \$3.50. Checks and money orders *in U.S. \$ only* should be made payable to AMERICAN BIRDS. Second class postage paid at New York, N.Y. and additional Post Offices. Copyright © 1985 by the National Audubon Society, Inc.

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List of Studies

<i>Habitat</i>	<i>Co.; State or Province</i>	<i>Hectares</i>	<i>Birds/ sq. km.</i>	<i>Hrs. Obs.</i>	<i>Species</i>	<i>Years of Study</i>	<i>Contributors</i>
11. Mature Aspen (Treated Sector)	Centre, PA	2.6	38	4.8	5	3	Yahner
12. Mature Mixed Oak (Treated Sector)	Centre, PA	3.2	31	4.8	5	3	Yahner
13. Mature Aspen (Untreated Sector)	Centre, PA	3.0	100	4.8	6	3	Yahner
14. Sugar Maple—Mixed Hardwood Forest	Washington, PA	9.7	390	24.0	18	2	Ickes
15. Deciduous Woodland with Second-growth, Recently Logged	Somerset, NJ	6.9	538	8.0	13	2	Sobocinski
16. Mixed Upland Habitat	Washington, DC	14.2	508	50.9	38	25	Briggs,* Cash, D'Imperio, Feather, Fitzpatrick, Holbrook, Hunt, Hunt, Smith, Wong Fern, Per-Lee, Watson*
17. Upland Oak—Hickory Hardwood Forest	Fairfax, VA	11.0	91	16.9	15	14	Fern, Per-Lee, Watson*
18. Loblolly Pine Forest Plantation I	Hoke, NC	2.7	112	3.6	8	2	Grant
19. Loblolly Pine Forest Plantation II	Hoke, NC	4.3	325	4.4	14	2	Grant
20. Longleaf Pine—Turkey Oak—Wiregrass I	Hoke, NC	4.6	86	3.4	10	2	Grant
21. Longleaf Pine—Turkey Oak—Wiregrass II	Hoke, NC	4.6	86	3.0	7	2	Grant
22. Longleaf Pine—Turkey Oak—Wiregrass III	Hoke, NC	5.2	58	4.2	7	2	Grant
23. Black Willow—White Ash Forest	Wentworth, ONT	13.0	169	16.0	20	1	Clark
24. Mixed Pine and Deciduous Forest	Jefferson, IN	14.2	207	26.0	21	4	Webster
25. Mixed Deciduous Second-growth Floodplain Forest	Cook, IL	29.1	440	40.0	27	1	Byre
26. Bottomland Oak—Gum—Cypress Forest, Recently Disturbed	Washington, MS	11.4	543	17.0	34	12	Alexander
27. Oak—Hickory Forest I	Douglas, KS	8.1	86	1.8	9	6	Cink, Boyd
28. Oak—Hickory Forest II	Douglas, KS	8.1	49	1.5	10	6	Cink, Boyd
29. Oak—Hickory Forest III	Douglas, KS	8.1	86	2.9	9	6	Cink, Boyd
30. Oak—Hickory Forest IV	Douglas, KS	8.1	124	7.0	11	6	Cink, Boyd
31. Oak—Hickory Forest V	Douglas, KS	8.1	148	7.2	10	6	Cink, Boyd
32. Oak—Hickory Forest VI	Douglas, KS	8.1	198	7.2	12	6	Cink, Boyd
33. Oak—Hickory Forest VII	Douglas, KS	8.1	321	3.3	14	3	Boyd
34. Douglas Fir—Ponderosa Pine Forest	El Paso, CO	7.5	492	13.2	21	2	Van Horn
35. Ponderosa Pine Forest	Boulder, CO	8.1	457	19.0	17	20	Hering, Evenson
36. Ponderosa Pine—Scrub Oak Forest	El Paso, CO	12.0	200	10.0	16	1	Obringer
37. Deciduous-Coniferous North Slope	Washington, UT	20.2	64	35.3	12	2	Gifford
38. Ponderosa Pine—Douglas Fir Foothills Forest	Spokane, WA	11.2	81	17.3	13	9	Rogers
39. Deciduous Oak Woodland	Monterey, CA	5.7	406	7.0	25	6	Carmen, Koenig
B. Forest Mixed with Other Habitats							
40. Floodplain Forest and Cultivated Bottomland	Allegany, NY	51.8	674	16.5	29	13	Pitzrick
41. Mixed Mesophytic Woods, Fields and Brush	Putnam, TN	27.0	804	48.7	43	7	Simmers
42. Campground in Old Orchard	Washington, UT	10.1	909	15.6	30	4	Gifford
43. Mixed Conifer—Oak Woodland and Meadow with Stream I	El Dorado, CA	10.0	2010	41.0	52	1	Fortna
		10.0	1280	18.0	47	2	(1983) Fortna
						2	(1984) Fortna
44. Mixed Conifer—Oak Woodland and Meadow with Stream II	El Dorado, CA	10.0	2200	20.0	46	1	Fortna
		10.0	1980	20.0	43	2	(1983) Fortna
						2	(1984) Fortna

List of Studies

Habitat	Co.; State or Province	Hectares	Birds/ sq. km.	Hrs. Obs.	Species	Years of Study	Contributors
C. Mixed Riparian Habitats							
45. Riparian Woodland— Hanging Gardens	Washington, UT	9.7	72	24.8	13	1	Gifford
46. Mountain Riparian Community	El Paso, CO	4.5	289	15.0	18	2	Johnson, Obringer
47. Canyon Oak Woodland	Santa Barbara, CA	8.0	1884	20.4	41	1	Kramer, Bransfield, Pierce, Nordby
48. Mixed Habitat: Riparian Woodland and Adjacent Oak Savanna	Monterey, CA	8.8	685	14.6	29	6	Spon
D. Brush, Grassland and Desert							
49. Abandoned Upland Pasture	Allegany, NY	8.0	201	6.3	12	1	Pitzrick
50. Brushy Field with Trees and Hills	Wentworth, ONT	6.3	79	7.2	9	1	Clark
51. Mesquite Woodland Bordering a Wash	Pima, AZ	9.3	1010	14.3	33	1	Tweit, Tweit
E. Habitats including Open Water							
52. Mixed Upland Habitat and Swamp	Fairfield, CT	14.2	78	8.0	15	11	Barkman
53. River Bank and River	Clinton, PA	4.6	867	4.2	22	9	Schwalbe, Schwalbe
54. Barrier Beach and Saltwater Estuary	Duval, FL	80.0	10	4.2	5	9	Schwalbe, Schwalbe
55. Chesney Bog	Oxford, ONT	212.5	1161	27.0	63	7	Connor, Loftin*
56. Stabilization Ponds of a Beef-Processing Plant I	Lyon, KS	15.2	191	15.3	19	1	Sandilands
57. Stabilization Ponds of a Beef-Processing Plant II	Lyon, KS	25.9	846	5.0	20	1	Herbert
58. Sewage Lagoons— Riparian Woodland	Lyon, KS	50.6	3908	5.0	25	1	Herbert
59. Man-made Tidal Lagoon	Washington, UT	24.3	1610	17.0	42	4	Gifford
	Los Angeles, CA	5.3	5750	4.7	24	1	Collins, Lang

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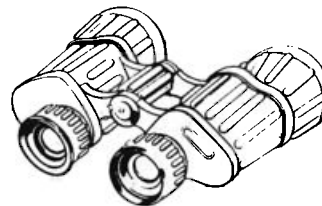


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Habitat	Co.; State or Province	Hectares	Birds/ sq. km.	Hrs. Obs.	Species	Years of Study	Contributors
60. Suburban Area Farm	Riverside, CA	12.6	14,834	6.3	43	1	Hayes, Baker
61. Inshore and Offshore Marine Waters I	Alexander Archipelago, AK	252.5	31.3	0.9	8	1	Trapp, King
62. Inshore and Offshore Marine Waters II	Alexander Archipelago, AK	1068.4	29.0	3.5	15	1	Trapp, King
63. Inshore and Offshore Marine Waters III	Alexander Archipelago, AK	239.6	447.0	0.8	11	1	Trapp, King
64. Nearshore Marine Waters and Tidal Flats I	Alexander Archipelago, AK	318.6	152.6	1.4	21	1	Trapp, King
65. Nearshore Marine Waters and Tidal Flats II	Alexander Archipelago, AK	310.8	229.7	1.7	19	1	Trapp, King
66. Nearshore Marine Waters and Tidal Flats III	Alexander Archipelago, AK	1108.5	272.2	7.6	28	1	Trapp, King
67. Nearshore Marine Waters and Tidal Flats IV	Alexander Archipelago, AK	2053.9	260.5	14.2	34	1	Trapp, King
			300.2	23.7	37	2	Trapp, King
			206.0	12.8	32	3	Trapp, King
68. Nearshore Marine Waters and Tidal Flats V	Alexander Archipelago, AK	2167.9	179.2	7.9	25	1	Trapp, King
69. Nearshore Marine Waters and Tidal Flats VI	Alexander Archipelago, AK	655.3	199.3	4.2	23	1	Trapp, King
70. Nearshore Marine Waters and Tidal Flats VII	Alexander Archipelago, AK	1132.8	169.3	3.7	22	1	Trapp, King
71. Nearshore Marine Waters and Tidal Flats VIII	Alexander Archipelago, AK	277.1	375.0	3.1	22	1	Trapp, King
72. Nearshore Marine Waters and Tidal Flats IX	Alexander Archipelago, AK	1002.8	224.0	7.5	23	1	Trapp, King
F. Cultivated Croplands							
73. Corn Stubble, Soybean Stubble, Weeds, and Short Grass	Clinton, PA	40.5	15	2.9	6	2	Schwalbe, Schwalbe
74. Idle Cornfield I	Scott, IN	8.5	47	4.7	4	2	Castrale, Speer
75. Idle Cornfield II	Scott, IN	4.7	43	4.5	7	2	Castrale, Speer
76. Idle Cornfield III	Scott, IN	10.4	10	4.0	3	2	Castrale, Speer
77. Corn Residue I	Scott, IN	3.6	167	3.3	5	2	Castrale, Speer
78. Corn Residue II	Scott, IN	4.5	756	3.8	14	2	Castrale, Speer
79. Corn Residue III	Scott, IN	22.8	13	4.0	6	2	Castrale, Speer
80. Corn Residue IV	Scott, IN	5.9	84	4.0	2	2	Castrale, Speer
81. Corn Residue V	Scott, IN	18.9	5	4.5	4	2	Castrale, Speer
82. Corn Residue VI	Scott, IN	17.7	6	3.7	4	2	Castrale, Speer
83. Disked Cornfield I	Scott, IN	13.0	38	3.8	5	2	Castrale, Speer
84. Disked Cornfield II	Scott, IN	8.7	161	4.0	6	2	Castrale, Speer
85. Disked Cornfield III	Scott, IN	5.0	0	4.2	0	2	Castrale, Speer
86. Chisel-plowed Cornfield	Scott, IN	5.5	0	3.0	0	2	Castrale, Speer
87. Soybean Residue I	Scott, IN	10.6	38	3.8	3	2	Castrale, Speer



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Habitat	Co.; State or Province	Hectares	Birds/ sq. km.	Hrs. Obs.	Species	Years of Study	Contributors
88. Soybean Residue II	Scott, IN	10.8	37	4.3	2	2	Castrale, Speer
89. Soybean Residue III	Scott, IN	14.6	21	3.7	6	2	Castrale, Speer
90. Soybean Residue IV	Scott, IN	14.0	0	3.2	0	2	Castrale, Speer
91. Soybean—Wheat Residue I	Scott, IN	19.1	21	3.8	1	2	Castrale, Speer
92. Soybean—Wheat Residue II	Scott, IN	3.0	0	3.2	0	2	Castrale, Speer
93. Soybean—Wheat Residue III	Scott, IN	3.6	0	2.8	0	2	Castrale, Speer
94. No-till Soybean Residue	Scott, IN	5.2	19	3.8	1	2	Castrale, Speer
95. Overgrown Orchard and Milpas	Colima, Mexico	3.2	4118	27.5	54	1	Boyd, Cink, Dwyer
G. Urban Habitats							
96. Urban Park with Pond	Waterloo, ONT	14.2	316	14.0	21	3	Sandilands
97. Urban Conservation Area— Floodplain and Upland Habitat	Newmarket, ONT	6.5	492	12.0	19	2	Dance
98. Open Mixed Woodland— Urban Park	Santa Barbara, CA	8.3	1509	12.4	37	1	Bransfield, Nordby, Pierce
99. Downtown Business District—Residential Area	El Paso, CO	15.4	319	8.0	5	7	Beidleman, Field Zoology Class
100. Urban Marsh and Deciduous Creekbottoms	El Paso, CO	7.3	1263	7.0	18	1	Beidleman, Field Zoology Class
101. Urban Creekbottom Park	El Paso, CO	24.3	202	11.3	20	1	Beidleman, Field Zoology Class
		24.3	239	8.8	22	2	Beidleman, Field Zoology Class
						(1983)	Class
						(1984)	Class

* = Indicated compiler.


Editor's Note

If you take a look at the front cover of this issue, you will see that it says "Spring 1985." This signals the start of a new schedule of publication for *American Birds*. Beginning with this first number of Volume 39, issues will be tied to the birding seasons—the Fall Migration (covered in this issue), the Winter Season, the Spring Migration, and finally, the Breeding Season. In addition to these seasonal issues, a year's subscription will include the mammoth Christmas Bird Count, which will be printed and mailed out as soon as it is ready, some time during the fall of each year.



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Summer/Fall



August

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♦ Manu II: Aug. 3-17 ♦ Cuzco/Abra Malaga/Machu Picchu Extension: Aug. 16-22 ♦ Papua New Guinea: Aug. 7-28 ♦ Namibia/Botswana: Aug. 19-Sept. 7 ♦ California: Aug. 24-Sept. 3

September

Washington: Sept. 7-21 ♦ Central Brazil: Sept. 19-Oct. 5 ♦ Itatiaia Extension: Oct. 5-9

October

Southeastern Brazil: Oct. 13-Nov. 6 ♦ Bolivia: Oct. 18-Nov. 9 ♦ Australia: Oct. 31-Nov. 30

November

Kenya: Nov. 1-22 ♦ Western Mexico: Nov. 9-20 ♦ Colima Extension: Nov. 20-25 ♦ Suriname: Nov. 23-Dec. 11 ♦ Argentina: To be announced

December

Oaxaca at Christmas: Dec. 21-29 ♦ Special Costa Rica Christmas Count & Tour: Dec. 27-Jan. 8

VENT Weekends

S.W. British Columbia: Oct. 24-29 ♦ N. Minnesota: Oct. 24-28 ♦ Niagara River: Nov. 29-Dec. 1 ♦ S. Texas Coast: Dec. 6-10 ♦ S. Texas Valley: Dec. 11-15 ♦ Winter Arizona: Dec. 26-29

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COVER PHOTOGRAPH: A male Dickcissel (*Spiza americana*) singing on territory near Lake Andes, South Dakota, in Spring, 1979. Photographer Gary Zahm used a Canon F-1, with a Canon 500 mm lens.