

Recent Literature in Field Ornithology

IDENTIFICATION AND RELATED TOPICS

- Atkin, Keith. 1979. Flight characters of Leach's Petrel. *Br. Birds* 72(7): 334-336.
— With photographs.
- Binford, Laurence C. 1978. Lesser Black-backed Gull in California, with notes on field identification. *West. Birds* 9(4): 141-150.
- Boswall, Jeffery. 1979. Flight characters of Wilson's Petrel. *Br. Birds* 72(7): 330-334.
— With photographs. Note that photo #182 is mislabeled, and actually depicts a British Storm-Petrel, as noted in *Br. Birds* 72(8): 386.
- Braithwaite, Dave. 1979. Underwing of Little Auk. *Br. Birds* 72(7): 344-345.
— The dark underwing of the Dovekie (= Little Auk) should prevent confusion with small juvenile Common Puffins, which have pale underwings.
- Britton, David. 1979. Identification of Bonaparte's Gull. *Br. Birds* 72(7): 339-340.
— As compared to Black-headed Gull.
- Byrkjedal, Ingvar. 1978. Variation and secondary intergradation in SW-Norwegian Golden Plover *Pluvialis apricaria* populations. *Ornis Scand.* 9(1): 101-110.
— *P. a. apricaria* and *P. a. altifrons*.
- Hall, George A. 1979. Hybridization between Mourning and MacGillivray's warblers. *Bird-Banding* 50(2): 101-107.
- Harding, B.D. 1979. Identification of Grey-checked and Swainson's thrushes. *Br. Birds* 72(7): 346-348.
— Very brief discussion.
- Mather, John R. 1979. Identification of Little and Reed buntings. *Br. Birds* 72(8): 387-388.
- Morley, Christine; R.E. Elliott; and R.A. Hume. 1979. Three letters concerning variations in Herring Gulls. *Br. Birds* 72(8): 389-392.
- Passmore, Michael F., and Robert L. Jarvis.

1979. Reliability of determining sex of Band-tailed Pigeons by plumage characters. *Wildl. Soc. Bull.* 7(2): 124-125.

- Rabbits, Brian. 1979. Page, Douglas, and Peter Greaves. 1979. (Two notes.) Leach's Petrels foot-pattering on water. *Br. Birds* 72(7): 334.
- Rose, Laurence N. 1979. Turnstones in near-complete summer plumage in January. *Br. Birds* 72(8): 386-387.
- Smith, Donald A. 1979. Call of Booted Warbler. *Br. Birds* 72(8): 387.
- Stavy, M., D. Gilbert, and R.D. Martin. 1979. Routine determination of sex in monomorphic bird species using faecal steroid analysis. *Int. Zoo Yearb.* 19: 209-214.

TAXONOMY AND NEW FORMS

- Frenkel, M.J., and J.M. Gillespie. 1979. Proteins of beaks: possible use in taxonomy of birds. *Aust. J. Zool.* 27(3): 443-452.
- Jollie, Malcom. 1978. Phylogeny of the species of *Corvus*. *Biologist* 60(3): 73-108.
- Schuchmann, Karl-L. 1978. Allopatrische Artbildung bei der Kolibrigattung *Trochilus*/Allopatric speciation in the hummingbird genus *Trochilus*. *Ardea* 66(4): 156-172.
— In German with an English summary. The Streamertail, a spectacular Jamaican hummingbird, is here split into two species.

RARA AVES

- Gilbert, Sheryl. 1979. The Hawaiian goose or Nene *Branta sandvicensis* breeding programme at the National Zoological Park, Washington. *Int. Zoo Yearb.* 19: 139-143.
- Hirsch, Udo. 1979. Studies of west Palearctic birds. 183. Bald Ibis. *Br. Birds* 72(7): 313-325.
— With many photographs.
- Shoumatoff, Alex. 1978. Science takes up medie-

- val sport to help peregrines. *Smithsonian* 9(9): 58-65.
- Verner, Jared. 1978. California Condors: status of the recovery effort. *U.S. For. Serv. Pac. Southwest For. Range Exp. Stn. Gen. Tech. Rep.* PSW-28, 30 pp.
- Wilbur, Sanford R., Robert D. Mallette, and John C. Borneman. 1979. California Condor Survey, 1978. *Calif. Fish Game* 65(3): 183-184.
- Zimmerman, David R. 1978. A technique called cross-fostering may help save the Whooping Crane. *Smithsonian* 9(6): 52-63.

DISTRIBUTION — NORTH AMERICA

- Clauson, Barbara L. 1979. Minnesota's first Townsend's Warbler. *Loon* 51(3): 141-142.
- Dixon, Keith L. 1978. A distributional history of the Black-crested Titmouse. *Am. Midl. Nat.* 100(1): 29-42.
- Eckert, Kim. 1979. First Boreal Owl nesting record south of Canada: a diary. *Loon* 51(1): 20-27.
— Five photographs.
- Fisk, Erma J. 1979. Fall and winter birds near Homestead, Florida. *Bird-Banding* 50(3): 224-243.
— With much detailed information from 7-year banding study.
- Gill, Robert J. 1979. Status and distribution of the California Clapper Rail (*Rallus longirostris obsoletus*). *Calif. Fish Game* 65(1): 36-49.
- Gochfeld, Michael. 1978. Terns in traffic. *Nat. Hist.* 87(6): 54-61.
— Common Tern colonies on Long Island; with particular mention of Jones Beach.
- Heusmann, H.W. 1979. Current status and mortality rates of Massachusetts Mourning Doves. *Bird-Banding* 50(3): 256-262.
- Hoechlin, Don. 1979. Yellow-crowned Night Heron in California. *West. Birds* 9(4): 177-178.
- Hubbard, John P. 1978. The status of the Northern Shrike in New Mexico. *West. Birds* 9(4): 159-168.
- Jones, Stephen G. 1979. Preliminary survey of raptor species in the Manti Division, Manti-LaSal National Forest. *Great Basin Nat.* 39(2): 155-160.
- Kiff, Lloyd F. 1978. Probable Black Rail nesting record for Alameda County, California. *West. Birds* 9(4): 169-170.
- Koenig, Walter D., and Pamela L. Williams. 1979. Notes on the status of Acorn Woodpeckers in central Mexico. *Condor* 81(3): 317-318.
— Three localities on route 40 in Durango and Sinaloa.
- Lewis, David B., and W. Breck Tyler. 1978. First record of the Blue-faced Booby from the Pacific coast of the United States. *West. Birds* 9(4): 175-176.
- Manolis, Tim. 1978. Status of the Black Rail in central California. *West. Birds* 9(4): 151-158.
- Melville, Nel Marie; Mrs. Eugene Binder; and Ronald L. Huber. 1979. (Three notes on Rufous Hummingbirds in Minnesota.) *Loon* 51(1): 9-14.
- Webb, Bruce E., and Jeanne A. Conry. 1978. First record of a Lesser Black-backed Gull in Colorado. *West. Birds* 9(4): 171-173.

DISTRIBUTION — OTHER AREAS

- Bell, D. Graham. 1979. Paddyfield Warbler in Cleveland. *Br. Birds* 72(7): 348-351. Meek, E.R., and B. Little. 1979. Paddyfield Warbler in Northumberland. *Br. Birds* 72(7): 353-357.
— Both with photos, detailed discussion of identification in the field and in the hand.
- Carr, Gail Speaker. 1979. Greater Shearwater in Costa Rica. *Condor* 81(3): 323.
— Single record, partial skeleton found beached.
- de Macedo-Ruiz, Hernando. 1979. 'Extinct' bird found in Peru. *Oryx* 15(1): 33-37.
- Douthwaite, R.J. 1978. Geese and Red-knobbed Coot on the Kafue Flats in Zambia, 1970-1974. *East Afr. Wildl. J.* 16(1): 29-47.
- Hafner, Heinz, Alan Johnson, and John Walmsley. 1979. (The Camargue bird report 1976-1977) *Compte rendu ornithologique camarguais pour les annees 1976 et 1977. Terre Vie* 33(2): 307-324.
— In French with English summary.
- Leslie, R., and C.M. Lessells. 1978. The migration of Dunlin *Calidris alpina* through northern Scandinavia. *Ornis Scand.* 9(1): 84-86.
- Nazarenko, A.A. 1979. On the history of avifauna of subalpine landscape of the Siberian and Far-Eastern mountains. *Zool. Zh.* 58(11): 1680-1691.
— In Russian with an English summary.
- Perry, Donald R. 1979. The Great Potoo in Costa Rica. *Condor* 81(3): 320-321.
— Mainly notes on roosting behavior.
- Roux, Francis, Roger Maheo, and Alain Tamisier. 1978. (The exploitation of the Basse Valley of Senegal (tropical winter quarter) by three species of palearctic and Ethiopian ducks.) *L'Exploitation de la Basse Vallee du Senegal (Quartier d'hiver tropical) par trois especes de canards palearctiques et Ethiopien. Terre Vie* 32(3): 387-416.
— In French, with English summary. White-

- faced Tree Duck, Garganey, Pintail.
 Shiflett, Jim, and Nancy Jane Reid. 1980. **Feathered treasures of the Sierra Madres: the Thick-billed Parrot and the Maroon-fronted Parrot.** *Chihuahuan Desert Discovery* no. 7, pp. 10-12.
- Thiollay, J.M. 1979. (Structure and dynamics of an avian community of a southern Chihuahuan desert (Boson De Mapimi, Mexico)) Structure et dynamique du peuplement avien d'un matorral aride (Bolsón de Mapimi, Mexique). *Terre Vie* 33(4): 536-589.
 — In French, with English summary.
- Trail, Pepper W. 1978. **Sight records of two species new for Surinam.** *Ardea* 66(4): 184-185.
 — Violaceous Quail-Dove *Geotrygon violacea* and Fiery-tailed Awlbill *Avocettula recurvirostris*.
- Voisin, J.-F. 1979. **Observations ornithologiques aux Iles Tristan da Cunha et Gough.** *Alauda* 47(2): 73-82.
- Vuilleumier, Francois. 1978. (Remarks on sampling of a rich avifauna in western Ecuador.) **Remarques sur l'échantillonnage d'une riche avifaune de l'ouest de l'Ecuador.** *Oiseau Revue Fran. Ornithol.* 48(1): 21-36.
 — In French, with English summary.
- ECOLOGY AND BEHAVIOR (LIFE HISTORY INFORMATION)**
- Amadon, Dean. 1979. **Of curassows and barometers.** *Audubon* 81(6): 56-67.
 — With paintings by Albert Earl Gilbert from *Curassows and Related Birds*.
- Bayer, Range D. 1979. **Great Blue Heron attacks Horned Grebe.** *Bird-Banding* 50(3): 264-265.
- Bluhm, Cynthia K. and E. Kevin Ward. 1979. **Great Horned Owl predation on a Short-eared Owl.** *Condor* 81(3): 307-308.
- Bock, Carl E., Jeffrey B. Mitton, and Larry W. Lepthien. 1978. **Winter biogeography of North American Fringillidae (Aves): a numerical analysis.** *Syst. Zool.* 27(4): 411-420.
 — Uses Christmas bird count "data."
- Buxton, Lucinda, Jenny Slater, and Leslie H. Brown. 1978. **The breeding behaviour of the shoebill or whale-headed stork *Balaeniceps rex* in the Bangweulu Swamps, Zambia.** *East Afr. Wildl. J.* 16(3): 201-220.
- Calder, William A. III. 1978. **The Kiwi.** *Sci. Am.* 239(1): 132-142.
- Chandler, R.J. 1979. **Two urban Pied Wagtail roosts.** *Br. Birds* 72(7): 299-313.
- Cruz, Alexander. 1978. **Adaptive evolution in the Jamaican Blackbird *Nesopsar nigerrimus*.** *Ornis Scand.* 9(2): 130-137.
- Dymond, J.N. 1979. **Great Grey Shrike singing at Short-eared Owl in winter.** *Br. Birds* 72(8): 387.
- Eley, J. William, Gary R. Graves, Theodore A. Parker III, and David R. Hunter. 1979. **Notes on *Siptornis striaticollis* (Furnariidae) in Peru.** *Condor* 81(3): 319.
 — Spectacled Prickletail; with notes on behavior.
- Fitzner, R.E., and W.C. Hanson. 1979. **A congregation of wintering Bald Eagles.** *Condor* 81(3): 311-313.
 — Results of a long-term study on the Columbia River in Washington.
- Foreman, Larry D. 1979. **Flock size and density of Common Mergansers in northwestern California.** *Calif. Fish Game* 65(2): 124-127.
- Gleason, R.L., and T.H. Craig. 1979. **Food habits of Burrowing Owls in southeastern Idaho.** *Great Basin Nat.* 39(3): 274-276.
- Houston, David C. 1978. **The effect of food quality on breeding strategy in Griffon vultures (*Gyps* spp.)** *J. Zool., Lond.* 186(2): 175-184.
- Kemp, Alan C. 1978. **A review of the hornbills: biology and radiation.** *Living Bird* 17: 105-136.
- Kilham, Lawrence, and Patricia O'Brien. 1979. **Early breeding behavior of Lineated Woodpeckers.** *Condor* 81(3): 299-303.
- King, Bernard. 1979. **Roof-nesting by Great Black-backed Gulls.** *Br. Birds* 72(7): 340-343.
- Ligon, J. David. 1978. **Reproductive interdependence of Pinon Jays and Pinon Pines.** *Ecol. Monogr.* 48(2): 117-126.
- McClure, H. Elliott. 1979. **Nesting of the White-whiskered Tree Swift in Malaya.** *Condor* 81(3): 308-311.
- Mader, William J. 1979. **First nest description for the genus *Micrastur* (Forest Falcons).** *Condor* 81(3): 320.
 — Nest of Collared Forest-Falcon found in Venezuela.
- Mannan, R. William. 1979. **American Redstart assists at Yellow Warbler nest.** *Bird-Banding* 50(3): 263.
- Marti, Carl D., and Stephen W. Everett. 1978. **Polygyny in Utah dippers.** *West. Birds* 9(4): 174.
- Moynihan, M. 1978. **An "ad hoc" association of hornbills, starlings, coucals, and other birds.** *Terre Vie* 32(4): 557-576.
- Murton, R.K., and Janet Kear. 1978. **Photoperiodism in waterfowl: phasing of breeding cycles and zoogeography.** *J. Zool., Lond.* 186(2): 243-283.
- Newton, I., and M. Marquiss. 1979. **Sex ratio among nestlings of the European Sparrowhawk.** *Am. Nat.* 113(2): 309-315.
- Roberts, Robert C. 1979. **The evolution of avian food-storing behavior.** *Am. Nat.* 114(3): 418-438.

- Short, Lester L., and Jennifer F.M. Horne. 1979. **Vocal displays and some interactions of Kenyan honeyguides (Indicatoridae) with barbets (Capitonidae).** *Am. Mus. Novit.* no. 2684, 19 pp.
- Six short notes by single authors. 1979. **Gulls and terns perching on wires.** *Br. Birds* 72(7): 343-344.
- Slud, Paul. 1979. **Calls of the Great Potoo.** *Condor* 81(3): 322.
- Stepanjan, L.S. 1979. **Possible relations of *Ibidorhyncha struthersii* and notes on the history of the family Haematopodidae (Aves).** *Zool. Zh.* 58(11): 1671-1679.
— In Russian with English summary.
- Summers, R.W., and M. Waltner. 1979. **Seasonal variations in the mass of waders in Southern Africa, with special reference to migration.** *Ostrich* 50(1): 21-37.
- Thiollay, Jean-Marc. 1978. **(Migration of raptors in East Africa: ecological adaptations to seasonal fluctuations of ecosystem productivity.) Les migrations de rapaces en Afrique occidentale: adaptations ecologiques aux fluctuations saisonnières de production des écosystèmes.** *Terre Vie* 32(1): 89-133.
— In French, with English summary.
- Thiollay, J.M. 1978. **Population structure and seasonal fluctuations of the Falconiformes in Uganda National Parks.** *East Afr. Wildl. J.* 16(3): 145-151.
- Walsberg, Glenn E. 1977. **Ecology and energetics of contrasting social systems in *Phainopepla nitens* (Aves: Ptilonotidae).** *Univ. Calif. Berkeley Publ. Zool.* Volume 108. 63 pp.
- Wilkinson, R., and C.R. Huxley. 1978. **Vocalizations of chicks and juveniles and the development of adult calls in the Aldabra White-throated Rail *Dryolimnas cuvieri aldabranus* (Aves: Rallidae).** *J. Zool., Lond.* 186(4): 587-505.
- Willard, David E. 1979. **Comments on the feeding behavior of the Boat-billed Heron (*Cochlearius cochlearius*).** *Biotropica* 11(2): 158.
- Williams, Timothy C., and Janet M. Williams. 1978. **An oceanic mass migration of land birds.** *Sci. Am.* 239(4): 166-176.
- Winkler, Hans, and Lester L. Short. 1978. **A comparative analysis of acoustical signals in Pied Woodpeckers (Aves: Picoides).** *Bull. Am. Mus. Nat. Hist.* 160(1): 1-110.
- Woffinden, Neil D., and James A. Mosher. 1979. **Ground nesting and aggressive behavior by the Swainson's Hawk (*Buteo swainsoni*).** *Great Basin Nat.* 39(3): 253-254.
- Yocum, Charles F., R.J. Bogiatto, and J.C. Eshelman. 1978. **Migration of American Coots wintering in northwestern California.** *Calif. Fish Game* 64(4): 302-305.

MISCELLANEOUS

- Blandamer, J.S., and P.J.K. Burton. 1979. **Anatomical specimens of birds in the collections of the British Museum (Natural History).** *Bull. Br. Mus. (Nat. Hist.) Zool.* 34(4): 125-180.
- Enemar, Anders, Bengt Sjostrand, and Soren Svensson. 1978. **The effect of observer variability on bird census results obtained by a territory mapping technique.** *Ornis Scand.* 9(1): 31-39.
- Haemig, Paul D. 1979. **Secret of the Painted Jay.** *Biotropica* 11(2): 81-87.
— Presents a thesis that *Cyanocorax dickeyi*, e.g. Tufted Jay, was introduced to western Mexico by ancient man.
- Janzen, Daniel H. 1978. **Predation intensity on eggs on the ground in two Costa Rican forests.** *Am. Midl. Nat.* 100(2): 467-470.
- Meritt, Gail F., and Dennis A. Meritt, Jr. 1979. **Hand-rearing and nutrition of nestling night-hawks *Chordeiles minor* at Lincoln Park Zoo, Chicago.** *Int. Zoo Yearb.* 19: 256-257.
- Plenge, Manuel A. 1979. **Type specimens of birds in the Museo de Historia Natural "Javier Prado," Lima, Peru.** *Occas. Pap. Mus. Zool. La. St. Univ.* no. 53, 13 pp.
- Prater, A.J. 1979. **Trends in accuracy of counting birds.** *Bird Study* 26(3): 198-200.
- Rahn, Hermann, Amos Ar, and Charles V. Paganelli. 1979. **How bird eggs breathe.** *Sci. Am.* 240(2): 46-55.
- Tindle, R.W. 1979. **Tourists and the seabirds in Galapagos.** *Oryx* 15(1): 68-70.
- Zoological Society of London. 1979. **Census of rare animals in captivity 1978: Birds.** *Int. Zoo Yearb.* 19: 388-397.
— U.S. collections include: Waldrapp *Gerrhonotus eremita* — three in Philadelphia; Steller's Sea Eagle *Haliaeetus pelagicus* — one in San Diego; Harpy Eagle *Harpia harpyja* — four in Los Angeles; and Monkey-eating Eagle *Pithechophaga jefferyi* — two in Los Angeles.
- Zoological Society of London. 1979. **Species of birds bred in captivity and multiple generation births 1977.** *Int. Zoo Yearb.* 19: 305-344.
— U.S. breeding records include: Elegant Crested Tinamou *Eudromia elegans*, 37 born in the Bronx zoo; King Penguin *Aptenodytes patagonica*, one born in St. Louis; Spix's Guan *Penelope jacquacu*, 5 born in Houston; Nocturnal Curassow *Nothocrax urumutum*, 7 born in Houston; Sunbittern *Eurypyga helia*, one born in the Bronx; and Great Eagle Owl *Bubo bubo*, five born in San Diego.

FULL TITLES, AND PLACES OF PUBLICATION, OF SERIALS REFERRED TO ABOVE

- Alauda** Societe d'Etudes Ornithologiques, Paris, France. **American Midland Naturalist** University of Notre Dame, Notre Dame, Indiana. **American Museum Novitates** American Museum of Natural History, New York, New York. **American Naturalist** University of Chicago Press, Chicago, Illinois. **Ardea** Nederlandse Ornithologische Unie, Arnhem, Holland. **Audubon** National Audubon Society, New York, New York. **Australian Journal of Zoology** Commonwealth Scientific and Industrial Research Organization, Melbourne, Australia. **Biologist** Phi Sigma Society, Charleston, Illinois. **Biotropica** Association for Tropical Biology, c/o Smithsonian Institution, Washington, D.C. **Bird-Banding** Northeastern Bird-Banding Association, Concord, Massachusetts. **Bird Study** British Trust for Ornithology, Hertfordshire, England. **British Birds** Macmillan Journals Limited, London, England. **Bulletin of the American Museum of Natural History** American Museum of Natural History, New York, New York. **Bulletin of the British Museum (Natural History), Zoology Series** British Museum (Natural History), London, England. **California Fish and Game** California Department of Fish and Game, Sacramento, California. **Chihuahuan Desert Discovery** Chihuahuan Desert Research Institute, Alpine, Texas. **Condor** Cooper Ornithological Society, Los Angeles, California. **East African Wildlife Journal** Blackwell Scientific Publications, Oxford, England. **Ecological Monographs** Duke University Press for the Ecological Society of America, Durham, North Carolina. **Great Basin Naturalist** Brigham Young University, Provo, Utah. **International Zoo Yearbook** Zoological Society of London, London, England. **Journal of Zoology** Academic Press for the Zoological Society of London, London, England. **Living Bird** Cornell Laboratory of Ornithology, Ithaca, New York. **Loon** Minnesota Ornithologists Union, Minneapolis, Minnesota. **Natural History** American Museum of Natural History, New York, New York. **Occasional papers of the Museum of Zoology, Louisiana State University** Louisiana State University, Baton Rouge, Louisiana. **Oiseau et la Revue Francaise d'Ornithologie** Societe Ornithologique de France, Paris, France. **Ornis Scandinavica/Scandinavian Journal of Ornithology** Scandinavian Ornithologists' Union by Munksgaard International Booksellers and Publishers, Copenhagen, Denmark. **Oryx** Fauna Preservation Society, c/o Zoological Society of London, London, England. **Ostrich** Southern African Ornithological Society, Johannesburg, South Africa. **Scientific American** Scientific American, Inc., New York, New York. **Smithsonian** Smithsonian Institution, Washington, D.C. **Systematic Zoology** Society of Systematic Zoology, c/o Smithsonian Institution, Washington, D.C. **La Terre et la Vie** Societe Nationale de Protection de la Nature, Paris, France. **U.S. Forest Service, Pacific Southwest Forest and Range Experiment Station, General Technical Report** Pacific Southwest Forest and Range Experiment Station, Berkeley, California. **University of California Publications in Zoology** University of California Press, Berkeley, California. **Western Birds** Western Field Ornithologists, California. **Wildlife Society Bulletin** Wildlife Society, Washington D.C. **Zoologicheskii Zhurnal** Akademiia Nauk SSSR, Moscow, USSR.