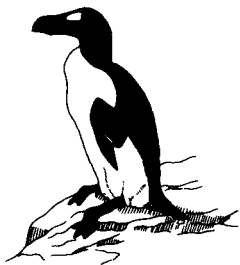


RECENT ORNITHOLOGICAL LITERATURE



SUPPLEMENT TO THE AUK

Vol. 104, No. 2, April 1987¹

Edited by

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SUPPLEMENT TO THE EMU

Vol. 87, No. 2, June 1987²

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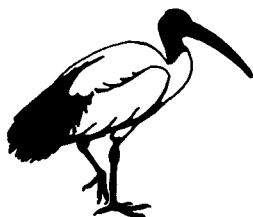
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Beginning in 1983 (*Auk* 100, *Ibis* 125) the AOU and BOU combined their Recent Literature sections, to publish a single supplement of ornithological literature to which members of both unions contribute. The RAOU joined this partnership in 1987 (*Emu* 87). The AOU covers journals published in the Americas and the Philippines. The BOU covers journals published in Europe, Africa, and mainland Asia. The RAOU covers journals published in Australasia and other island nations of the Pacific. More than 150 volunteers scan about 650 titles and contribute abstracts regularly. Authors' addresses are included, if the journal lists them, to facilitate communication between readers and authors.

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³ Citation: BRITISH ORNITHOLOGISTS' UNION. 1987. Recent Ornithological Literature. *Ibis* 129 (2, Suppl.): 1B-40B.

NEW JOURNALS

Bulletin of the Institute of Ornithology, Kyung Hee University. Seoul 131, Korea. Editor: P.-O. Won. Vol. 1, June 1986, 86 pp. No price given. Some articles in Korean with English summaries, some in English.—The 7 papers (listed below) from vol. 1 cover conservation, ecology, breeding biology, and distribution of Korean (6) and Philippine (1) birds.—M.D.F.U.

Museo Damaso Antonio Larrañaga: serie de divulgacion. Intendencia municipal de Montevideo, Rambla República de Chile 4215 Buceo, Montevideo, Uruguay. No. 1, 1985. Spanish.—No information on price or publication schedule. See Cuello (Taxonomy, systematics, and faunistics—Neotropics) below.—B.G.B.

A RENAMED JOURNAL

Oriolus. (Formerly **Wielewaal**.)—The numbering sequence of the volumes is retained. Effective with vol. 52 (1986). Articles in Dutch with English summaries; 9 listed below on behavior, ecology, migration, distribution, and techniques.—F.E.L.

BEHAVIOR AND VOCALIZATIONS

AMOS, S. H. 1985. **Breeding the Yellow Cardinal *Gubernatrix cristata* at the National Aquarium in Baltimore.** *Avicult. Mag.* 91: 199–203. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)

ANDERSON, M. E., & R. N. CONNER. 1985. **Northern Cardinal song in three forest habitats in eastern Texas.** *Wilson Bull.* 97: 436–449. (Math/Sci. Div., Bee Co. Coll., Beeville, TX 78102 USA.)—Differences in song frequency among *C. cardinalis* populations enhance long-distance communication.—F.E.L.

BARNARD, P., & R. SIMMONS. 1986. **The functions of leg-lowering in territorial predatory birds.** *Ostrich* 57: 107–109. (Dept. Zool., Univ. Witwatersrand, Johannesburg 2001, S. Africa.)—Suggests leg-lowering ritualized display.—R.A.E.

BENUSSI, E., & F. PERCO. 1984. **[Ecoethological observations on the Goshawk, *Accipiter g. gentilis*, in the Triestine Karst.]** *Gli Uccelli d'Italia* 9: 3–25. (v. *Ginnastica* 73, I-34142 Trieste, Italy.) (Italian, English summary.)

BERMAN, S. L. 1985. **Notes on the behaviour of the Speckled Mousebird *Colius striatus*.** *Avicult. Mag.* 91: 231–235. (Dept. Biol., Coll. Holy Cross, Worcester, MA 01610 USA.)—Describes use of water, food sharing, courtship, nesting, agonistic behavior, and digit configurations of captive birds.—A.J.I.

BERULDSSEN, G. R. 1986. **Observations on the Sooty Owl *Tyto tenebricosa* in south-east Queensland.** *Australian Bird Watcher* 11: 230–236. (P.O. Box 387, Kenmore, Qld. 4069, Australia.)—Describes calls.—H.A.F.

BOYCE, D. A., JR. 1985. **Merlins and the behavior of wintering shorebirds.** *Raptor Res.* 19: 94–96. (Dept. Zool., 574 WIDB, Brigham Young Univ., Provo, UT 84602 USA.)—Antipredatory strategies of individuals and flocks.—J.A.S.

BRAZA, F., F. ALVAREZ, & R. PINTOS. 1985. **[Gregariousness of the Red-legged Partridge (*Alectoris rufa*) in Doñana, Spain.]** *Ardeola* 32: 39–47. (Est. Biol. Doñana, Apdo. 1056, E-41080 Seville, Spain.) (Spanish, English summary.)

BRAZIL, M. 1983. **A case of unusual aggression by a Whooper Swan.** *Tori* 32: 155. (Wild Bird Soc. Japan, Aoyama Flower Bldg., 1-1-4 Shibuya, Shibuya-ku, Tokyo 150, Japan.)—*C. cygnus* kills half-grown *Anas penelope*.—D.W.M.

BROOKE, M. DE L. 1985. **Skua predation on penguin eggs: the influence of egg quality and location.** *Wilson Bull.* 97: 366–368. (EGI, Dept. Zool., S. Parks Rd., Oxford OX1 3PS, UK.)—Experiments at Marion Island indicate *Catharacta antarctica* take *Eudyptes chrysolophus* eggs placed in nests more rapidly than eggs outside nests, and intact eggs preferred over broken eggs.—F.E.L.

BROWN, R. J., & M. N. BROWN. 1986. **Nest-building behaviour of the Yellow-rumped Thornbill *Acanthiza chrysorrhoa*.** *Australian Bird Watcher* 11: 218–223. (RMB 253, Manjimup, WA 6258, Australia.)—Helpers contribute in this cooperative species, which also builds false nests.—H.A.F.

CAMERINO, M., & R. NOS. 1984. **[The aggressive and amicable behavior of a group of 9 parrot species, in captivity.]** Pp. 195–207 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (French, English summary.)

CORDERO, P. J., & J. D. RODRIGUEZ. 1984. **[Directional distribution of House Sparrows (*Passer domesticus*) at roost.]** Pp. 409–418 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Dept. Zool., Univ. Central, E-08028 Barcelona, Spain.) (French, English summary.)

DI CARLO, E. A. 1984. **[Behavior of the Golden Eagle toward delta planes, gliders, and parachutes.]** *Gli Uccelli d'Italia* 9: 76–77. (v. *Fonte Pescina*, I-02040 Cantalupo Sabino, Italy.)—*Aquila chrysaetos*. (Italian.)

EARLÉ, R. A. 1985. **A description of the social, aggressive and maintenance behaviour of the South African Cliff Swallow *Hirundo spilodera* (Aves: Hirundinidae).** *Navors. Nas. Mus. Bloemfontein* 5: 37–50. (Natl. Mus., Box 266, Bloemfontein 9300, S. Africa.)

EARLÉ, R. A. 1986. **Vocalizations of the South African Cliff Swallow *Hirundo spilodera*.** *S. African J. Zool.* 21: 229–232.—Describes 9 calls of adults and juveniles. Contact calls individually recognizable.—R.A.E.

- ECHINGER, J., & D. J. MORIARITY. 1985. **Movement of Mojave Desert sparrow flocks.** *Wilson Bull.* 97: 511-516. (Biol. Sci. Dept., California State Polytech. Univ., Pomona, CA 91768 USA.)—Resident *Amphispiza bilineata* and wintering *A. belli* and *Zonotrichia leucophrys*.—F.E.L.
- ENA, V., & A. MARTINEZ. 1984. [Communication during the pairing period in male Capercaillie, *Tetrao urogallus cantabricus*.] Pp. 249-256 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autónoma. (Dept. Ecol., Fac. Biol., E-24071 León, Spain.) (French.)
- ENA, V., I. NAVASCUÉS, & A. MARTINEZ. 1984. [Some aspects of communication in the Rook, *Corvus frugilegus*, during the breeding season.] Pp. 257-266 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autónoma. (French.)
- ENS, B. J., & J. D. GOSS-CUSTARD. 1986. **Piping as a display of dominance by wintering Oystercatchers *Haematopus ostralegus*.** *Ibis* 128: 382-391. (Zool. Lab., State Univ. Groningen, Kerklaan 30, 9751 N. N. Haren, Netherlands.)—Role of coloration and displays also studied.—I.C.C.
- FELDSINE, J. W., & L. W. OLIPHANT. 1985. **Breeding behavior of the Merlin: the courtship period.** *Raptor Res.* 19: 60-67. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)
- FICKEN, R. W., J. W. POPP, & P. E. MATTHIAE. 1985. **Avoidance of acoustic interference by Ovenbirds.** *Wilson Bull.* 97: 569-571. (Dept. Biol. Sci., Univ. Wisconsin, Milwaukee, WI 53201 USA.)—*Seiurus aurocapillus*.
- FOLKERS, K. L. 1982. **Host behavioral defenses to cowbird parasitism.** *Kansas Ornithol. Soc. Bull.* 33: 32-34. (Box 173, Armstrong, IA 50514 USA.)—Responses of acceptor and rejector host species to models at nest.—J.L.Z.
- GEARING, G. 1986. **Aerial display of the Black-breasted Buzzard *Hamirostra melanosternon*.** *Australian Bird Watcher* 11: 239-240. (Invicta, Woods Point Rd., E. Warburton, Vic. 3799, Australia.)
- HAILMAN, J. P., & G. E. WOOLFENDEN. 1985. **Nest-defense of the Florida Scrub Jay and the problem of "incubation" by male passerines.** *Wilson Bull.* 97: 370-372. (Dept. Zool., Univ. Wisconsin, Madison, WI 53706 USA.)
- HANSEN, A. J. 1986. **Fighting behavior in Bald Eagles: a test of game theory.** *Ecology* 67: 787-797. (Dept. Bot., Univ. Witwatersrand, Johannesburg 2001, S. Africa.)—Supports predictions of game theory and explains several aspects of *Haliaeetus leucocephalus* foraging behavior.—P.J.D.
- HANSEN, A. J. 1986. **Kleptoparasitism of humans by Yellow Kites.** *Ostrich* 57: 59-60.—*Milvus migrans*.
- HIGUCHI, H. 1986. **Bait-fishing by the Green-backed Heron *Ardeola striata* in Japan.** *Ibis* 128: 285-289. (Lab. Forest Zool., Univ. Tokyo, Tokyo 113, Japan.)—Frequency of use and effectiveness of different baits, general feeding pattern, and comparison between juveniles and adults.—I.C.C.
- HON-TSEN, YU, & LIANG-KONG LIN. 1985. **New record of the group breeding of Formosan Yuhinas.** *J. Taiwan Mus.* 38: 47-48. (Dept. Zool., Natl. Taiwan Univ., Taipei, Taiwan, Republic of China.)—Observed 3 adult *Yuhina brunneiceps* enter an active nest.—F.E.L.
- HORNE, J. F. M., & L. L. SHORT. 1986. **Roosting behaviour of Red-faced Crombec.** *Scopus* 10: 49-51. (Natl. Mus. Kenya, P.O. Box 40658, Nairobi, Kenya.)—*Sylvietta whytii*.
- HUNTER, L. A. 1985. **Kin cannibalism in the Purple Gallinule.** *Wilson Bull.* 97: 560-561. (Dept. Zool., Univ. Montana, Missoula, MT 59812 USA.)—In Costa Rica.—F.E.L.
- JACKSON, H. D. 1985. **Commentary and observations on alleged transportation of eggs and young by caprimulgids.** *Wilson Bull.* 97: 381-385. (Nat. Hist. Mus. Zimbabwe, P.O. Box 240, Bulawayo, Zimbabwe.)—No satisfactory evidence. Accidental transportation occasionally occurs when egg or chick gets stuck to soft ventral plumage of sitting bird.—F.E.L.
- JACKSON, J. A., & B. J. S. JACKSON. 1985. **Interaction between House Sparrows and Common Ground-Doves on Walker's Cay, Bahamas.** *Wilson Bull.* 97: 379-381. (Dept. Biol. Sci., Mississippi State Univ., Mississippi State, MS 39762 USA.)—*Passer domesticus* removed nest material from active *Columbina passerina* nest.—F.E.L.
- JAMES, P. 1985. **Breeding of the Lesser Vasa Parrot *Coracopsis nigra* at Chester Zoo.** *Avicult. Mag.* 91: 189-190. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)
- KILHAM, L. 1985. **Territorial behavior of American Crows.** *Wilson Bull.* 97: 389-390. (Dept. Microbiol., Dartmouth Med. Sch., Hanover, NH 03755 USA.)
- KLEEFISCH, T. 1985. **Some rare insectivorous soft-bills bred in 1984.** *Avicult. Mag.* 91: 204-207. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)—Describes breeding of *Prinia familiaris*, *Orthotomus sutorius*, and *Orthotomus ruficeps*.—A.J.I.
- KURECHI, M., & Y. FUKUDA. 1983. **First observations of copulatory behavior of White-fronted and Bean geese during migration in Japan.** *Tori* 32: 153-154. (Nankodai 5-4-1, Izumi, Miyagi 983, Japan.)—Behaviors described. *Anser albifrons* and *A. fabalis*.—D.W.M.
- LILL, A. 1986. **Time-energy budgets during reproduction and the evolution of single parenting in the Superb Lyrebird.** *Australian J. Zool.* 34: 351-371. (Psychol. Zool. Dept., Monash Univ., Clayton, Vic. 3168, Australia.)—*Memura novaehollandiae* females have relatively low energy expenditures

- during breeding, whereas males allocate much energy to singing.—H.A.F.
- LÖHRL, H. 1985. [Leg retraction to reduce heat loss at low temperatures.] *Vogelwelt* 106: 238–241. (Bei den Eichen 5, D-7271 Egenhausen, FRG.) (German, English summary.)
- MARR, N. V. 1985. Gopher snake preys on Northern Oriole nestlings. *Murrelet* 66: 95–97. (Washington Game Dept., Rte. 1, Box 86-B, Brewster, WA 98812 USA.)—Describes reactions of 9 bird species to *Pituophis melanoleucus*.—J.S.M.
- MATTHEWS, C. W., & R. A. FORDHAM. 1986. Behaviour of Little Pied Cormorant *Phalacrocorax melanoleucus*. *Emu* 86: 118–121. (Dept. Bot. Zool., Massey Univ., Palmerston North, New Zealand.)
- MATTHYSSEN, E., L. KNAEPKENS, & A. A. DHONDT. 1986. [Some observations on the Corsican Nuthatch *Sitta whiteheadi* Sharpe.] *Oriolus* 52: 49–54. (Univ. Antwerpen, Universiteitsplein 1, B-2610 Wilrijk, Belgium.) (Dutch, English summary.)
- MORTON, E. S. 1985. Vocal imitation in a captive Purple Martin. *Wilson Bull.* 97: 392–395. (Nat. Zool. Park, Smithsonian Inst., Washington, DC 20008 USA.)
- NASH, A. D., & S. V. NASH. 1985. An incidence of duetting between an Abbott's Babbler and a Magpie Robin. *Kukila* 2: 66. (World Wildlife Fund, P.O. Box 133, Bogor, Java, Indonesia.)—*Trichastoma abbotti* and *Copsychus saularis*.
- NASH, A. D., & S. V. NASH. 1985. Large Frogmouth *Batrachostomus auritus* mobbed by a Greater Racket-tailed Drongo *Dicrurus paradiseus*. *Kukila* 2: 67.
- PUIGSERVER, M., S. GALLEGRO, & J. D. RODRIGUEZ. 1984. [Some aspects of territoriality of the Quail, *Coturnix coturnix coturnix*.] Pp. 463–470 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Dept. Zool., Univ. Central, E-08028 Barcelona, Spain.) (French.)
- RIEBESEL-FEDROWITZ, J., & H.-H. BERGMANN. 1984. [A descriptive and comparative analysis of the vocal repertoire of the Shelduck (*Tadorna tadorna*).] *Bonn. Zool. Beitr.* 35: 307–326. (FB Biol., PF 4469, D-4500 Osnabrück, FRG.) (German, English summary.)
- ROBERTSON, A. 1986. Aggression between two raptors: "when" helps to indicate "why." *Bokmakierie* 38: 46–48. (Box 52, Mbabane, Swaziland.)—*Gyps coprotheres* and *Aquila verreauxii*.
- SAHIN, R. 1985. [Egg-laying behavior of the Mikado Pheasant (*Syrnaticus mikado*) in captivity.] *Bonn. Zool. Beitr.* 36: 51–64. (D.Ü. Fen-Edebiyat Fak. Biyoloji Bölümü, Diyabakir, Turkey.) (German, English summary.)
- SCHUCHMANN, K.-L., & G. SCHUCHMANN-WEGERT. 1984. [Notes on the display and mating behavior of the Purple-throated Carib Hummingbird (*Eulampis jugularis*).] *Bonn. Zool. Beitr.* 35: 327–334. (Zool. Forsch. Inst. Mus. A. Koenig, Adenauerallee 150, D-5300 Bonn 1, FRG.) (German, English summary.)
- SENAR, J. C. 1984. [Helpers at the nest in cardueline finches.] Pp. 351–355 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (French.)
- SENAR, J. C. 1985. [Interactional rules in captive Siskins, *Carduelis spinus*.] *Misc. Zool.* 9: 347–360. (Spanish, English summary.)
- SMITH, J. C. 1985. Perching and roosting patterns of raptors on power transmission towers in southeast Idaho and southwest Wyoming. *Raptor Res.* 19: 135–138. (Idaho Power Co., Environ. Affairs Dept., P.O. Box 70, Boise, ID 83707 USA.)—*Buteo jamaicensis* and *Aquila chrysaetos*.
- SMITH, T. R. 1985. Observations of a Tufted Titmouse and a Cattle Egret associating with a black bear. *Wilson Bull.* 97: 395. (Dept. Forestry Wildl. Fish., Univ. Tennessee, P.O. Box 1071, Knoxville, TN 37916 USA.)—In Arkansas, *Parus bicolor* collected hair from back of live and awake, treed *Ursus americanus*, and *Bubulcus ibis* perched on back of bear wading in shallow lake.—F.E.L.
- SNOW, B. K., & D. W. SNOW. 1985. Display and related behavior of male Pin-tailed Manakins. *Wilson Bull.* 97: 273–282. (Dept. Ornithol., Mus. Nat. Hist., Tring, Herts. HP23 6AP, UK.)—*Ilicura militaris*.
- URANO, E. 1985. Polygyny and the breeding success of the Great Reed Warbler *Acrocephalus arundinaceus*. *Res. Pop. Ecol.* 27: 393–412. (Dept. Biol., Osaka City Univ., Sumiyoshi, Osaka 558, Japan.)—Of males, 25% polygynous, but late settlers mostly bachelors. Polygynous males have reduced predation risk.—K.U.
- URIBE, F. 1984. [Morphological aspects of calls in the Spotless Starling, *Sturnus unicolor*, in a Doñana roost.] Pp. 381–391 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 594, E-08080 Barcelona, Spain.) (French.)
- VELLENGA, R. 1986. Bower-building behaviour of immature Satin Bowerbirds *Ptilinorhynchus violaceus*. *Australian Bird Watcher* 11: 166–167. (172 Hopetown Village, Castle Hill, NSW 2154, Australia.)—Young males learn to build bowers by watching adults and by making practice bowers, which adult males wreck.—H.A.F.
- WALLIN, L. 1986. Divergent character displacement in the song of two allopecies: the Pied Flycatcher *Ficedula hypoleuca*, and the Collared Flycatcher *Ficedula albicollis*. *Ibis* 128: 251–259. (Dept. Zool., Univ. Uppsala, Box 561, S-75122, Sweden.)
- YAMAGISHI, S., & M. SAITO. 1985. Function of courtship feeding in the Bull-headed Shrike, *Lanius*

- bucephalus**. J. Ethol. 3: 113-121. (Dept. Biol., Osaka City Univ., Sumiyoshi, Osaka 558, Japan.)—Not associated with copulation, but important for breeding females early in season.—K.U.
- YTREBERG, N.-J. 1986. **The behavior of the House Martin *Delichon urbica* and the Barn Swallow *Hirundo rustica* in the incubation period during a spell of adverse weather.** Fauna Norv. Ser. C Cinclus 9: 35-48. (Dept. Biol., Univ. Oslo, P.O. Box 1050, Blindern, N-0316 Oslo, Norway.)
- BIRD PROBLEMS, MANAGEMENT,
AND CONSERVATION**
- AKANDE, M. 1986. **The economic importance and control of vertebrate pests of graminaceous crops with particular reference to rice (*Oryza sativa*) in Nigeria—a review.** Proc. Vert. Pest Conf. 12: 303-306.—Brief review. Includes 11 bird species as pests.—F.E.L.
- ARCAMONE, E., & R. MAINARDI. 1984. [The birds of S. Luce Lake, central Italy.] Quad. Mus. Storia Nat. Livorno 5: 145-162. (Mus. Prov. Storia Nat., Sezione Ornitol., v. Roma 234, 57100 Livorno, Italy.)—Ecological importance of artificial environments for wetland birds. (Italian, English summary.)—I.C.C.
- ARESON, C. W. 1986. **Pest bird control with the avicide BCF 7000—Sun Oil Refining Project, Tulsa, Oklahoma.** Proc. Vert. Pest Conf. 12: 307-311. (Bird Mgmt. Res., Inc., Clinton, IN 47842 USA.)—Effective against large roosts of *Sturnus vulgaris* and *Columba livia*.—F.E.L.
- AVERY, M. L., & R. DEHAVEN. 1984. **Bird damage chronology and feeding behavior in two sunflower fields, Sacramento, California, 1982.** Proc. Vert. Pest Conf. 11: 223-228. (Dept. Wildl. Fish Biol., Univ. California, Davis, CA 95616 USA.)—*Carpodacus mexicanus* more serious pest than *Agelaius phoeniceus* and *Euphaga cyanocephalus*.—F.E.L.
- BOYD, H., & F. G. COOCH. 1986. **Recent changes in sales of Migratory Game Bird Hunting Permits and prospects for the near future.** Can. Wildl. Serv. Prog. Notes 162, 15 pp. (Can. Wildl. Serv., Ottawa, ON K1A 0E7, Can.)—Reports decline in permit sales since 1978, indicating drift away from duck hunting by young Canadians.—J.P.R.
- BRUGGERS, R. L., ET AL. 1984. **Preliminary investigations of the effectiveness of Trimethacarb as a bird repellent in developing countries.** Proc. Vert. Pest Conf. 11: 192-203. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—Spread on broadcast seed or ripening grain in Africa, Bangladesh, Philippines, Haiti, and USA against *Q. quelea*, *Passer domesticus*, *Lonchura* (4 spp.), *Psittacula krameri*, *Columba livia*, mynas (2 spp.), *Ploceus* (2 spp.), *Agelaius phoeniceus*, and *Quiscalus quiscula*.—F.E.L.
- CRABB, A. C., T. P. SALMON, & R. E. MARSH. 1986. **Bird problems in California pistachio production.** Proc. Vert. Pest Conf. 12: 295-302. (Crop. Sci. Dept., California Polytech., San Luis Obispo, CA 93407 USA.)—Caused by *Corvus corax*, *C. brachyrhynchos*, *Aphelocoma coerulescens*, and *Pica nuttalli*. Nothing effective yet in preventing damage that seems to be increasing.—F.E.L.
- CRAVEN, S. R. 1984. **Woodpeckers: a serious suburban problem?** Proc. Vert. Pest Conf. 11: 204-210. (Dept. Wildl. Ecol., Univ. Wisconsin, Madison, WI 53706 USA.)—Survey of damage to homes and buildings by 6 species in United States.—F.E.L.
- CRUZ, F., ET AL. 1986. ***Lantana camara* L.—a threat to Galapagos plants and animals.** Not. Galapagos 43: 10-11. (Est. Darwin, Casilla 58-39, Guayaquil, Ecuador.)—*Lantana* forms dense thickets; threatens nesting *Pterodroma phaeopygia*.—D.C.D.
- CUMMINGS, J. L., C. E. KNITTLE, & J. L. GUARINO. 1986. **Evaluating a pop-up scarecrow coupled with a propane exploder for reducing blackbird damage to ripening sunflower.** Proc. Vert. Pest Conf. 12: 286-291. (Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—Icterids in North Dakota. Only cost-effective in 1.2% of all fields that annually get more than 18% damage.—F.E.L.
- CURRY, R. L. 1986. **Whatever happened to the Floreana Mockingbird?** Not. Galapagos 43: 13-15. (Biol. Sci., Univ. Michigan, Ann Arbor, MI 48109 USA.)—*Nesomimus trifasciatus* exterminated by *R. rattus* on Floreana. Other *Nesomimus* species survived arrival of *Rattus* because already adapted to predation by native rats, absent from Floreana.—D.C.D.
- DANIELL, A., & N. D. MURRAY. 1986. **Effects of inbreeding in the Budgerigar *Melopsittacus undulatus* (Aves: Psittacidae).** Zoo Biol. 5: 223-238. (Dept. Genetics Human Variation, La Trobe Univ., Bundoora, Vic. 3083, Australia.)—Analyses of 2 breeding programs to detect inbreeding effects on fitness characters.—C.E.K.
- ENA, V., & A. MARTINEZ. 1985. [Fertility of the Great Bustard, *Otis tarda*, in Villafafila, Zamora, Spain.] Misc. Zool. 9: 325-329. (Dept. Ecol, Univ. León, E-24071 León, Spain.) (Spanish, English summary.)
- EVRRARD, J. O. 1986. **Loss of nasal saddle on Mallard.** J. Field Ornithol. 57: 170-171. (Wisconsin Dept. Nat. Resources, Box 61, Baldwin, WI 54002 USA.)
- FREDERICK, P. C. 1986. **Parental desertion of nestlings by White Ibis (*Eudocimus albus*) in response to muscle biopsy.** J. Field Ornithol. 57: 168-170. (Dept. Wildl., Univ. Florida, Gainesville, FL 32611 USA.)
- GORENZEL, W. P., D. B. MARCUM, & T. P. SALMON. 1986. **Application of a benefit: cost model to blackbird damage control in wild rice.** Proc. Vert. Pest Conf. 12: 269-274. (Wildl. Ext., Univ. California, Davis, CA 95616 USA.)—Icterids in California.—F.E.L.
- GUARINO, J. L. 1984. **Current status of research on the blackbird-sunflower problem in North Da-**

- kota. Proc. Vert. Pest Conf. 11: 211-217. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—*Agelaius phoeniceus*, *Quiscalus quiscula*, and *X. xanthocephalus*.
- HAARMANN, K. 1985. [Condition and effectiveness of nature reserves in the FRG based on the evaluation of 15 bird sanctuaries.] Vogelwelt 106: 216-224. (BFANL, Konstantinstr. 110, D-5300 Bonn 2, FRG.)—Present monitoring does not permit satisfactory protection. (German.)—H.-H.W.
- KOO, T.-H., & P.-O. WON. 1986. Wintering habitat and conservation of the White-naped Crane, *Grus vipio* Pallas, on the Han-river estuary. Bull. Inst. Ornithol. Kyung Hee Univ. 1: 53-56. (Inst. Ornithol. Kyung Hee Univ., Seoul 131, Korea.)—Biomass of food plants declined seriously 1978-1982. Substitute feeding started 1976.—M.D.F.U.
- LAIDLAW, G. W., JR., ET AL. 1984. Gull exclusion. Proc. Vert. Pest Conf. 11: 180-182. (Pesticides Div., Agr. Canada, Ottawa, ON, Can.)—Overhead wires at 12-m intervals excluded *Larus delawarensis* from garbage disposal site.—F.E.L.
- MARTIN, L. R. 1986. Barn Owls and industry: problems and solutions. Proc. Vert. Pest Conf. 12: 281-285. (Wildl. Control Technol., 6408 S. Fig, Fresno, CA 93706 USA.)—Pellets and droppings of *Tyto alba* sometimes cause damage in large industrial buildings. Birds adapted to sound deterrents and overcame most exclusion techniques. Using varied trapping methods effective.—F.E.L.
- MOTT, D. F. 1984. Research on winter roosting blackbirds and starlings in the southeastern United States. Proc. Vert. Pest Conf. 11: 183-187. (Denver Wildl. Res. Ctr., 344 15 St., Bowling Green, KY 42101 USA.)—Icterids (3 spp.) and *Sturnus vulgaris*; review.—F.E.L.
- RUTTLEDGE, W. 1985. Captive breeding of the European Merlin (*Falco columbarius aesalon*). Raptor Res. 19: 68-78. (10 St. Andrew's Way, Limpsfield Chart, Oxted, Surrey, UK.)
- SCHAFER, E. W., JR., & M. L. ESCHEN. 1986. Laboratory efficacy studies with strychnine baits in pigeons. Proc. Vert. Pest Conf. 12: 275-280. (U.S. Dept. Agr., Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—*Columba livia*. Data indicate 0.4% strychnine bait may be effective substitute for 0.6% bait now used, and would reduce, by half, potential secondary poisoning of predatory and scavenging birds and mammals.—F.E.L.
- TATE, J., JR. 1986. The Blue List for 1986. Amer. Birds 40: 227-236. (2031 Huidekoper Pl., NW, Washington, DC 20007 USA.)—Twelfth installment of Natl. Audubon Soc. "early warning system" for North American birds lists 22 species, 6 of which have been listed every year: *Circus cyaneus*, *Accipiter striatus*, *Buteo lineatus*, *Thryomanes bewickii*, *Lanius ludovicianus*, and *Aimophila aestivalis*.—J.L.T.
- THERRES, D. S., G. J. TAYLOR, & R. R. HELINSKI. 1983 (1986). Immature Bald Eagle rescued in Edgemere, Baltimore County (Maryland). Maryland Birdlife 39: 96-97. (Maryland Forest Park Wildl. Serv., Annapolis, MD 21401 USA.)—Bird hacked in New York, released 7 October 1983, captured 21 October seriously anemic, treated, and released in New York 17 November.—H.B.
- TYZACK, S. M., & O. VOLCERE. 1986. The Roseate Tern *Sterna dougalli* on Aride Island, Seychelles: notes on the 1984 season. Scopus 10: 45-47. (via Praslin, Aride Island, Seychelles.)
- VALLE, C. A. 1986. Status of the Galapagos Penguin and Flightless Cormorant in 1985. Not. Galapagos 43: 16-17. (Estac. Darwin, Casilla 58-39, Guayaquil, Ecuador.)—*Spheniscus mendiculus* and *Nannopterum harrisi* recovering from 1983 El Niño.—D.C.D.
- VOLPERS, M., & R. MÜLLER. 1986. [The importance of farmlands between Düsseldorf and Duisburg for wintering Bean Geese.] Charadrius 22: 1-11. (Bundesstr. 3, D-3470 Höxter 1, FRG.) (German.)
- WAY, V. V. 1984. The white-eyes eradication effort in California. Proc. Vert. Pest Conf. 11: 188-191. (California Dept. Food Agr., 6143 Columbus Ave., Riverside, CA 92504 USA.)—Netting, and later, shooting, at feeding stations in San Diego in early 1980's reduced population of *Zosterops p. palpebrosa* from ca. 100-200 to about 12.—F.E.L.
- WAY, V. V. 1986. Approaches to coot management in California. Proc. Vert. Pest Conf. 12: 292-294.—*Fulica americana* tramples crops (especially rice) and landscaping.—F.E.L.
- WON, P.-O. 1986. [Accidental collisions of birds against electricity wires supported by poles and their preventive measures.] Bull. Inst. Ornithol. Kyung Hee Univ. 1: 69-79. (Inst. Ornithol. Kyung Hee Univ., Seoul 131, Korea.) (Korean, English summary.)
- WON, P.-O., ET AL. 1986. [Bird population wintering on the Han River.] Bull. Inst. Ornithol. Kyung Hee Univ. 1: 81-86.—Important wetland threatened by pollution; wintering area for over 15,000 birds of 20+ species in 1983 and 1984.—M.D.F.U.

DISEASES AND PARASITES

- ADAMS, A. M., & R. L. RAUSCH. 1986. Two new species of *Ascometra* Kholodovskii, 1912 (Cestoda: Paruterinidae), from the Kori Bustard, *Choriotis kori* (Burchell), in Kenya. J. Parasitol. 72: 101-106. (Dept. Pathobiol. SC-38, Univ. Washington, Seattle, WA 98195 USA.)
- ALEXANDER, D. J., & R. E. GOUGH. 1986. Isolations of avian influenza virus from birds in Great Britain. Vet. Rec. 118: 537-538. (Poultry Dept., Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Between January 1982 and July 1985, 12 influenza viruses isolated, all from commercial flocks except 1 feral Mallard.—P.R.H.
- ALEXANDER, D. J., S. A. LISTER, & G. W. C. WILSON. 1986. Avian paramyxovirus type 1 infection of

- racing pigeons: 5. Continued spread in 1984.** Vet. Rec. 118: 424-427. Confirmed in 866 lofts in 1984. Main spread from contacts with infected birds at or traveling to races or shows. Virtually all infections in unvaccinated or inadequately vaccinated birds.—P.R.H.
- ALEXANDER, D. J., ET AL. 1986. **Viruses associated with turkey rhinotracheitis in Great Britain.** Vet. Rec. 118: 217-218.—Reports isolation of several viruses and 6 other embryo lethal agents from *Meleagris gallopavo*.—P.R.H.
- APPLETON, C. C., & R. M. RANDALL. 1986. **Schistosome infection in the Kelp Gull, *Larus dominicanus*, from Port Elizabeth, Republic of South Africa.** J. Helminthol. 60: 143-146. (Dept. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, S. Africa.)—First record of *Gigantobilharzia* sp. from a South African coastal bird. Histological response to parasite unusually mild.—P.R.H.
- APRIL, M. M., & J. E. PEARSON. 1986. **Experimental infection of rosellas (*Platycercus eximius*) with velogenic viscerotropic Newcastle disease virus (VVNDV).** Avian Dis. 30: 438-440. (Natl. Vet. Serv. Labs., POB 844, Ames, IA 50010 USA.)—Depression and diarrhea resulted by day 3, death by day 6, post inoculation.—C.E.K.
- BAKER, J. R. 1986. **Trichomoniasis, a major cause of vomiting in Budgerigars.** Vet. Rec. 118: 447-449. (Dept. Vet. Pathol., Univ. Liverpool, Vet. Field Sta., Leahurst, Neston, Wirral L64 7TE, UK.)—Describes clinical, pathological, and treatment features.—P.R.H.
- BARNARD, W. H., & R. D. BAIR. 1986. **Prevalence of avian hematozoa in central Vermont.** J. Wildl. Dis. 22: 365-374. (Dept. Biol., Norwich Univ., Northfield, VT 05663 USA.)—Survey of 1,547 birds of 50 species (mostly passerines) for microfilariae and 4 species of blood protozoa. Overall prevalence of infection 42.5%; marked seasonal variation in prevalence and intensity observed.—C.E.K.
- BEVAN, B. J., & C. D. BRACEWELL. 1986. **Chlamydiosis in birds in Great Britain 2. Isolation of *Chlamydia psittaci* from birds sampled between 1976 and 1984.** J. Hyg. 96: 453-458. (MAFF, Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Of 1,531 samples, 200 positive with 70% from parrots. Highest positive reaction (25%) in *Columbiformes* (*Streptopelia decaocto* and *Columba palumbus*).—P.R.H.
- BRACEWELL, C. D., & B. J. BEVAN. 1986. **Chlamydiosis in birds in Great Britain 1. Serological reactions to chlamydia in birds sampled between 1974 and 1983.** J. Hyg. 96: 447-451. (MAFF, Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Over 6,000 birds sampled. Highest positive reactions in *Columba livia* (47%) and *Streptopelia decaocto* (51%). Moderate incidence in game birds (29%), wild ducks (23.3%), and imported parrots (15.9%). Highest titres from pigeons, doves, and parrots.—P.R.H.
- CARRANZA, J., J. B. PAVEDA, & A. FERNÁNDEZ. 1986. **An outbreak of encephalitis in pigeons (*Columba livia*) in the Canary Islands (Spain).** Avian Dis. 30: 416-420. (Dept. Pathol. Infect., Fac. Vet. Córdoba, Córdoba, Spain.)—Paralysis of extremities, torticollis, head tremor, and diarrhea due, perhaps, to pigeon herpes encephalomyelitis virus.—C.E.K.
- CHMIELEWSKI, W. 1982. **[Mites (Acarina) inhabiting sparrow (*Passer domesticus* L.) nests.]** Wiad. Parazytol. 28: 105-107. (Inst. Ochrony Roslin, Miczurina 20, 60-318 Poznan, Poland.)—From 130 nests at 16 sites in Poland; 100% of nests infested by mites, *Dermatophagoides* 91.5%, *Cheyletus eruditus* 55.5%, *Dermanyssus gallinae* 41.5%, total 30 species. (Polish, English summary.)—J.P.
- CLARK, F. D., L. P. JONES, & B. PANIGRAHY. 1986. **Mycetoma in a Grand Eclectus (*Eclectus roratus roratus*) Parrot.** Avian Dis. 30: 441-443. (Dept. Vet. Microbiol. Parasitol., Texas A&M Univ., College Station, TX 77843 USA.)—Fungi (*Curvularia geniculata*) isolated from lung and brain of pet bird with neurologic signs.—C.E.K.
- COOPER, J. E., & N. A. FORBES. 1986. **Studies on morbidity and mortality in the Merlin (*Falco columbarius*).** Vet. Rec. 118: 232-235. (Dept. Pathol., Roy. Coll. Surgeons, 35-43 Lincoln's Inn Fields, London WC2A 3PN, UK.)—Postmortem analyses (33 captives, 2 wild birds); main causes of death fatty liver-kidney syndrome, enteritis/proventriculitis, coccidiosis, and septicaemia. Findings included parasites and nonfatal lesions.—P.R.H.
- DATURI, A. 1986. **A preliminary study of tick populations in Jackass Penguin nests on Marcus Island, South Africa.** Ostrich 57: 95-100. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—*Spheniscus demersus* nests (136) sampled for *Ornithodoros capensis* ticks.—R.A.E.
- DOCHERTY, D. E., & R. I. R. LONG. 1986. **Isolation of a poxvirus from a House Finch, *Carpodacus mexicanus* (Müller).** J. Wildl. Dis. 22: 420-422. (Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711 USA.)—Lesions on beak and legs of birds found dead in Idaho.—C.E.K.
- DODDS, N. R. H. 1986. **Worming birds.** Vet. Rec. 118: 311. (150 Kingston Rd., Ewell, Surrey, UK.)
- DREW, M. L., & T. J. KREEGER. 1986. **Skeletal abnormalities in wings of free-flying juvenile White Pelicans (*Pelecanus erythrorhynchus*) in Minnesota.** J. Wildl. Dis. 22: 447-449. (Coll. Vet. Med., Univ. Minnesota, St. Paul, MN 55108 USA.)
- ESTRADA-PENA, A., ET AL. 1985. **[Unexpected parasitism of *Haemaphysalis (Rhipistoma) hispanica* Gil Collado (Acari: Ixodoidea) from *Aquila chrysaetos*.]** Rev. Iber. Parasitol. 45: 379-380. (Catedra Parasitol. Enfermedades Parasitarias, Fac. Vet., Zaragoza, Spain.) (Spanish.)
- FEILER, K. 1986. **[Trematodes in *Chionis alba* and**

- Larus dominicanus* from the South Shetland Islands (Antarctica).]** *Angew. Parasitol.* 27: 23-33. (German.)
- FRAZIER, J. A., H. FARMER, & M. F. MARTLAND. 1986. **Enteric virus-like particles associated with a stunting syndrome of chickens.** *Vet. Rec.* 118: 303-304. (Houghton Poultry Res. Sta., Houghton, Huntingdon, Cambs. PE17 2DA, UK.)—*G. gallus*.
- FUKATA, T., ET AL. 1986. **Isolation of Clostridia, Salmonellae and Coccidia from wild pigeons in Japan.** *Brit. Vet. J.* 142: 291-293. (Dept. Vet. Med., Univ. Osaka Prefecture, Sakai, Osaka 591, Japan.)—*Columba livia*.
- GEORGI, M. E., M. S. CARLISLE, & L. E. SMILEY. 1986. **Giardiasis in a Great Blue Heron (*Ardea herodias*) in New York state: another potential source of waterborne giardiasis.** *Amer. J. Epidemiol.* 123: 916-917. (Diagnostic Lab., New York State Coll. Vet. Med., Ithaca, NY 14853 USA.)
- HAAS, G. E., & N. WILSON. 1984. **Fleas (Siphonaptera) from nests of woodpeckers in Alaska.** *J. New York Entomol. Soc.* 92: 125-130. (557 California St., No. 7, Boulder City, NV 89005 USA.)
- HERNANDEZ-RODRIGUEZ, S., P. GUTIERREZ-PALOMINO, & F. MARTINEZ-GOMEZ. 1986. [***Aprocta intraorbitalis* n. sp. (Nematoda, Aprocotoidea) parasite of the Azure-winged Magpie, *Cynopica cyanus* (Passeriformes, Corvidae).**] *Ann. Parasitol. Hum. Comp.* 61: 65-69. (Dept. Parasitol., Univ. Córdoba, 14071 Córdoba, Spain.) (French, English summary.)
- HOBERG, E. P. 1986. **Aspects of ecology and biogeography of Acanthocephala in Antarctic seabirds.** *Ann. Parasitol. Hum. Comp.* 60: 199-214. (Dept. Pathobiol. SC-38, Univ. Washington, Seattle, WA 98195 USA.)—Records 4 species from seabirds, nototheniid fishes, and gammaridean amphipods. Gives complete life cycle of *Corynosoma hamanni*, parasite of *Phalacrocorax atriceps*, *Chionis alba*, *Larus dominicanus*, and *Catharacta lonnbergi*.—P.R.H.
- HOPLA, C. E., & J. E. LOYE. 1983. **Ectoparasites and microorganisms associated with the Cliff Swallow in west-central Oklahoma. I. Ticks and fleas.** *Bull. Soc. Vector Ecol.* 8: 111-121. (Dept. Zool., Univ. Oklahoma, Norman, OK 73019 USA.)
- ISLAM, K. S., & D. B. COPEMAN. 1986. **The morphology and life-cycle of *Trichobilharzia parocellata* (Johnston & Simpson, 1939) Islam & Copeman, 1980 from visceral blood vessels of Australian anatids.** *Syst. Parasitol.* 8: 39-49. (Dept. Med., Bangladesh Agr. Univ., Mymensingh, Bangladesh.)—From *Anas gibberifrons* and *A. superciliosa*.—P.R.H.
- KACZMAREK, S. 1981. [**Insecta from bird nests of Slowinski National Park.**] *Slupskie Prace Mat. Przyr.* 1: 267-281. (Zaklad Zool. WSN, Arciszewskiego 22a, 76-200 Slupsk, Poland.)—Analyzed 44 nests of 6 species (*Parus* sp., *Sturnus vulgaris*, *Hirundo rustica*, *Delichon urbica*). Found 42 species of insects; most common *Ceratophyllus gallinae* and *C. hirundinis*. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1982. [**Ectoparasites from the nests of the swallows *Hirundo rustica* L. and *Delichon urbica* L.**] *Wiad. Parazytol.* 28: 169-171.—In 1976-1979, 191 nests of *H. rustica* and 43 nests of *D. urbica* collected in N. Poland; 9,785 ectoparasites of 8 species found; 56.4% Acarina and 33.1% Siphonaptera. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1982. [**Ectoparasites of birds in northern Poland.**] *Wiad. Parazytol.* 28: 449-463.—Nests of 17 species collected from nest boxes, natural holes, and above ground. Highest mean number of parasites/nest recorded in nest boxes and natural holes in August. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1983. [**Arthropods from bird nests on Mecsek Mountain (Hungary).**] *Slupskie Prace Mat.-Przyr.* 4: 171-187.—Analyzed 23 nests of 6 bird species. Found 719 adults and 1,550 larvae of 26 species; fleas most common. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1984. [**Arthropods from bird nests on Mecsek Mountain (Hungary).**] *Slupskie Prace Mat. Przyr.* 3: 219-232.—Arthropods from 20 nests from nest boxes analyzed. *Ceratophyllus pullatus* most numerous (Polish, English summary.)—J.P.
- KIRKPATRICK, C. E., & B. A. COLVIN. 1986. ***Salmonella* spp. in nestling Common Barn-Owls (*Tyto alba*) from southwestern New Jersey.** *J. Wildl. Dis.* 22: 340-343. (Dept. Vet. Pathobiol., Univ. Illinois, Urbana, IL 61801 USA.)—Of 94 owls sampled by cloacal swabbing, 8 (8.5%) positive; 5 of 25 nest sites had positive owls.—C.E.K.
- KISZEWSKI, A. E., & E. W. CUPP. 1986. **Transmission of *Leucocytozoon smithi* (Sporozoa: Leucocytozoidae) by black flies (Diptera: Simuliidae) in New York, U.S.A.** *J. Med. Entomol.* 23: 256-262. (Dept. Entomol., Cornell Univ., Ithaca, NY 14853 USA.)—Complete transmission of blood protozoan parasite of birds accomplished in the laboratory.—C.E.K.
- KOLAROVA, L. 1986. **Mouse (*Mus musculus*) as intermediate host of *Sarcocystis* sp. from the Goshawk (*Accipiter gentilis*).** *Folia Parasitol.* 33: 15-19. (Prirovededevka fakulta KU, Vinicna 7, 12844 Praha 2, Czechoslovakia.)—Sporocysts from Goshawks experimentally transferred to mice, where they developed.—P.R.H.
- LEY, D. H. 1986. **Nitrite poisoning in Herring Gulls (*Larus argentatus*) and Ring-billed Gulls (*Larus delawarensis*).** *J. Wildl. Dis.* 22: 381-384. (Dept. Food Anim. Equine Med., Sch. Vet. Med., North Carolina State Univ., Raleigh, NC 27606 USA.)—Nitrite from fertilizer-manufacturing waste in North Carolina.—C.E.K.
- LISTER, S. A., D. J. ALEXANDER, & R. A. HOGG. 1986. **Evidence for the presence of avian paramyxovirus type 1 in feral pigeons in England and Wales.**

- Vet. Rec. 118: 476-479. (Poultry Dept., Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK).—Feral pigeons from 6 sites in England had evidence of A/PMV-1.—P.R.H.
- LONC, E., & J. KOPCZYNSKA-MASLEJ. 1986. [The infestation of domestic pigeons by biting lice in Wroclaw urban population—summer 1983.] *Wiad. Parazytol.* 32: 79-81. (Zaklad Parazytol. Ogolnej, Inst. Mikrobiol., Univ. Wroclawski, Przybyszewskiego 63, 54-148 Wroclaw, Poland.)—Examination of 30 *Columba livia*. (Polish, English summary.)—J.P.
- LOYE, J. E. 1985. Host-effects on feeding and survival of the polyphagous Cliff Swallow bug, *Oeciocacus vicarius* (Hemiptera: Cimicidae). *Bull. Soc. Vector Ecol.* 10: 7-13. (Dept. Biol., Univ. Utah, Salt Lake City, UT 84112 USA.)
- LOYE, J. E., & C. E. HOPLA. 1983. Ectoparasites and microorganisms associated with the Cliff Swallow in west-central Oklahoma. II. Life-history patterns. *Bull. Soc. Vector Ecol.* 8: 79-84.
- LUDWIG, G. V., ET AL. 1986. Viremic enhancement due to transovarially acquired antibodies to St. Louis encephalitis virus in birds. *J. Wildl. Dis.* 22: 326-334. (Dept. Vet. Sci., Univ. Wisconsin, Madison, WI 53706 USA.)—Nestlings of SLE-infected *Passer domesticus* females may show augmented SLE viremias and prolonged duration of infection after challenge. Measured passive transfer of maternal antibody to offspring.—C.E.K.
- MCDUGALL, J. S., & J. K. A. COOK. 1986. Turkey rhinotracheitis: preliminary investigations. *Vet. Rec.* 118: 206-207. (Houghton Poultry Res. Sta., Huntingdon, Cambs. PE17 2DA, UK).—Suspect viral agent in *Meleagris gallopavo* isolated but not yet characterized.—P.R.H.
- MCFARLAND, D. C. 1986. Presence of ticks on the heads of honeyeaters in New England National Park. *Corella* 10: 25-28. (Dept. Zool., Univ. New England, Armidale, NSW 2351, Australia.)—Most infected birds caught in winter, possibly picked up ticks from *Banksia* flowers.—H.A.F.
- MODRZEJEWSKA, M. 1982. [Biting lice of Pheasant (*Phasianus colchicus* L.) in Lower Silesia.] *Wiad. Parazytol.* 28: 175-176. (Dept. Gen. Parasitol., Microbiol. Inst., Univ. Wroclaw, Przybyszewskiego 63/67, 51-148 Wroclaw, Poland.)—Biting lice (4,474) found on 117 birds in autumn and winter; 90.6% of birds infested. (Polish, English summary.)—J.P.
- MORII, T., ET AL. 1986. Observations on the Taiwanese strain of *Leucocytozoon caulleryi* (Haemosporina) in chickens. *J. Protozool.* 33: 231-234. (Dept. Parasitol., Kyorin Univ. Sch. Med., Mitaka, Tokyo 181, Japan.)—Strain established in chickens and vector-biting midges in laboratory. Showed high pathogenicity; mortality increased with number of sporozoites inoculated.—P.R.H.
- MUSTAFAJEVA, Z., A. HADJIYEV, & T. DUBOVCHENKO. 1982. The ectoparasites of birds and their epidemiological role in Azerbaijan. *Wiad. Parazytol.* 28: 177-178. (Inst. Zool. Azerbaijan, Krylova str. 5, 370073 Baku, Azerbaijan, USSR).—Birds vectors of 50+ viral, rickettsial, and bacterial diseases common to man. Some vectors ectoparasites. More than 100 species of parasitic mites and insects revealed in birds during 1968-1979.—J.P.
- OKULEWICZ, A. 1982. [Threadworms of Muscicapidae in Lower Silesia.] *Wiad. Parazytol.* 28: 477-482. (Dept. Gen. Parasitol., Inst. Microbiol., Univ. Wroclaw, Przybyszewskiego 63, 51-148 Wroclaw, Poland.)—Over 100 birds dissected. *Diplotriaena trideus* new species for Poland. (Polish, English summary.)—J.P.
- OKULEWICZ, A. 1982. [*Thominx tridens* (Capillariidae, Nematoda) in Nightingale *Luscinia megarynchos* (Turridae) in Poland.] *Wiad. Parazytol.* 28: 483-487. (Polish, English summary.)
- OKULEWICZ, J. 1982. [Bird trematodes of Lower Silesia. I. First record of Blackbird (*Turdus merula* L.) pancreas parasite *Euamphimerus pancreaticus* Baer, 1960 (Opisthorchiidae, Trematoda) in Poland with some remarks on systematic position of other species of the genus *Euamphimerus yamaguti*, 1941.] *Wiad. Parazytol.* 28: 465-475. (Zaklad Biol. Oglnej, Inst. Biostruktury A.M., O. Bujwida 9, 50-368 Wroclaw, Poland.) (Polish, English summary.)—J.P.
- PARENTI, E., ET AL. 1986. Spontaneous toxoplasmosis in canaries (*Serinus canaria*) and other small passerine cage birds. *Avian Pathol.* 15: 183-197. (Inst. Zooprofilattico Sperimentale Venezia, Sezione Vicenza, Viale Fiume 66, 36100 Vicenza, Italy.)—Clinical signs included anorexia, prostration, weight loss, diarrhea, and dyspnea, accompanied by high mortality rate. Other affected birds in aviary *Carduelis* spp. and *P. pyrrhula*.—C.E.K.
- QUENTIN, J. C., C. SEUREAU, & S. D. KULO. 1986. [Life cycle of *Tetrameres (Microtetrameres) inermis* (Linstow, 1879), a tetramid nematode parasite of the weaver *Ploceus aurantius* in Togo.] *Ann. Parasitol. Hum. Comp.* 61: 321-332. (Lab. Ecol. Anim. Zool., Univ. d'Orleans, F-45046 Orleans, France.) (French, English summary.)
- RAMSAY, E. C., & B. M. BAUMEISTER. 1986. Isolation of *Erysipelothrix rhusiopathiae* from lesions of distal extremity necrosis in a captive King Vulture. *J. Wildl. Dis.* 22: 430-431. (Oklahoma City Zoo, Oklahoma City, OK 73111 USA.)
- RANDALL, C. J. 1986. Conjunctivitis in pheasants associated with cryptosporidial infection. *Vet. Rec.* 118: 211-212. (MAFF, Vet. Lab., Eskgrove, Lasswade, Midlothian, UK.)
- RANDALL, C. J., ET AL. 1986. Microsporidian infection in lovebirds (*Agapornis* spp.). *Avian Pathol.* 15: 223-231. (Ministry Agr. Fish. Food, Vet. Lab., Eskgrove, Lasswade, Midlothian, UK.)—Large, sudden die-off of captive *A. personata* and *A. fisch-*

- eri. Protozoan parasites found in kidney, liver, and small intestine.—C.E.K.
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- SAIK, J. E., ET AL. 1986. **Pigeon herpes virus: inclusion body hepatitis in a free-ranging pigeon**. Avian Dis. 30: 426-429. (Dept. Pathol., Sch. Vet. Med., Univ. Pennsylvania, Philadelphia, PA 19104 USA.)—Presenting signs: cachexia, depression, and diarrhea.—C.E.K.
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- RIDPATH, M. G., & M. G. BROOKER. 1986. **Age, movements, and the management of the Wedge-tailed Eagle, *Aquila audax*, in arid Western Australia.** *Australian Wildl. Res.* 13: 245-260. (CSIRO, LMB No. 4, Midland, WA 6056, Australia.)—Breeding birds probably sedentary, immatures disperse up to 784 km, and often killed by man. Population probably stable at present, but increased killing rates and habitat clearance may be serious threat.—H.A.F.
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- SCHLUTER, D. 1986. **Tests for similarity and convergence of finch communities.** *Ecology* 67: 1073-1085. (Dept. Zool., Univ. British Columbia, Vancouver, BC V6T 2A9, Can.)—Method for indirectly assessing community convergence based on analysis of variance applied to several characteristics of finch communities in different habitats worldwide.—P.J.D.
- SEAGLE, S. W., & G. F. MCCracken. 1986. **Species abundance, niche position, and niche breadth for five terrestrial animal assemblages.** *Ecology* 67: 816-818. (Dept. Forestry, North Carolina State Univ., Raleigh, NC 27695 USA.)—Analyzes correlation of abundance with niche position and niche breadth for 5 animal assemblages including breeding and wintering birds.—P.J.D.
- SELL, M., & T. VOGT. 1986. **[Ecology of Herring Gulls (*Larus argentatus*) wintering inland: selection and attachment of feeding and roosting sites in the Ruhr region.]** *Vogelwelt* 107: 18-35. (FB Allg. Zool., Ruhr Univ., PF., D-4630 Bochum, FRG.)—Main feeding sites in study area (3,800 km²) almost exclusively refuse dumps. (German, English summary.)—H.-H.W.
- SHELTON, P. A., ET AL. 1984. **Distribution, population size and conservation of the Jackass Penguin *Spheniscus demersus*.** *S. African J. Mar. Sci.* 2: 217-257.
- SIMON, P. 1985. **[Notes on the ecology of the avifauna in small woodlots in an agricultural zone.]** *Gerfaut* 75: 3-100. (Graux, B-7530 Gaurain-Ramecroix, Belgium.)—Near Tournai, Belgium. (French, English summary.)—J.I.
- SMITH, G. A., & D. A. SAUNDERS. 1986. **Clutch size and productivity in three sympatric species of cockatoos (Psittaciformes) in the south-west of Western Australia.** *Australian Wildl. Res.* 13: 275-285. (CSIRO, LMB No. 4, Midland, WA 6056, Australia.)—*Cacatua roseicapilla*, *C. pastinator*, and *Calyptrorhynchus magnificus*.
- STURM, A. 1986. **[The Red-breasted Flycatcher (*Ficedula parva*) in SE German Democratic Republic.]** *Beitr. Vogelkd.* 32: 1-12. (Paul-Harnisch-Str. 17, DDR-8300 Pirna-Copitz, GDR.) (German.)
- SUAREZ, F. 1985. **[An approach to the bird community in a steppe of *Stipa tenacissima*, in Tadrara, Morocco.]** *Bol. Est. Cent. Ecol.* 14(28): 29-34. (Dept. Zool., Univ. Complutense, E-28071 Madrid, Spain.) (Spanish, English summary.)
- TIMONY, K., J. RODGERS, & A. ROBINSON. 1985. **Notes on the relationships of island area and distance from mainland to the presence of Herring Gull colonies in Lake Nipigon, Ontario.** *Wilson Bull.* 97: 378-379. (Dept. Bot., Univ. Alberta, Edmonton, AB T6G 2E9, Can.)—*Larus argentatus* seem to nest

- on islands of intermediate size. Small islands subject to inundation, and colonies on large islands may be more susceptible to predation.—F.E.L.
- TOMBACK, D. F. 1986. **Post-fire regeneration of krummholz whitebark pine: a consequence of Nutcracker seed caching.** *Madroño* 33: 100-110. (Dept. Biol., Univ. Colorado, Denver, CO 80202 USA.)—In Sierra Nevada of California, *Nucifraga columbiana* primary source of seeds for regeneration.—F.E.L.
- VILLAGE, A. 1986. **Breeding performance of Kestrels at Eskdalemuir, south Scotland.** *J. Zool. London* 208A: 367-378. (NERC, ITE, Monks Wood Exp. Sta., Abbots Ripton, Huntingdon, Cambs. PE17 2LS, UK.)—Parental age and experience more important than habitat and prey numbers in determining breeding success of *Falco tinnunculus*.—D.E.P.
- WATSON, A., & P. ROTHERY. 1986. **Regularity of spacing in the Golden Eagle *Aquila chrysaetos* nests used within years in northeastern Scotland.** *Ibis* 128: 406-408. (BAS, Madingley Rd., Cambridge CB3 0ET, UK.)
- WEIMERSKIRCH, H., P. JOUVENTIN, & J. C. STAHL. 1986. **Comparative ecology of six albatross species breeding on the Crozet Islands.** *Ibis* 128: 195-213. (Inst. Sci. Evol., Lab. Socioécol., USTL, 34060 Montpellier, France.)—Close relationship among foraging strategy, breeding biology, diet, chick, and breeding frequency in *Diomedea exulans*, *D. chrysostroma*, *D. chlororhynchos*, *D. melanophris*, *Phoebastria palpebrata*, and *P. fusca*.—J.C.C.
- WHELAN, R. J., & R. L. GOLDINGAY. 1986. **Do pollinators influence seed-set in *Banksia paludosa* Sm. and *Banksia spirulosa* R.Br.?** *Australian J. Ecol.* 11: 181-186. (Biol. Dept., Univ. Wollongong, Wollongong, NSW 2500, Australia.)—Requires pollinators, including birds (Meliphagidae).—H.A.F.
- WIENS, J. A., J. T. ROTENBERRY, & B. VAN HORNE. 1986. **A lesson in the limitations of field experiments: shrubsteppe birds and habitat alteration.** *Ecology* 67: 365-376. (Dept. Biol., Univ. New Mexico, Albuquerque, NM 87131 USA.)—Habitat manipulation (shrub removal) affected territory placement of *Spizella breweri* and *Eremophila alpestris* in some years, but not *Amphispiza belli*.—P.J.D.
- WILLIAMS, R. N. 1985. **Relationship between Prairie Falcon nesting phenology, latitude and elevation.** *Raptor Res.* 19: 139-142. (Dept. Zool., Brigham Young Univ., Provo, UT 84602 USA.)
- WILSON-JACOBS, R., & G. L. DORSEY. 1985. **Snowy Plover use of Coos Bay North Spit, Oregon.** *Murrelet* 66: 75-81. (7115 SW Deerhaven Dr., Corvallis, OR 97333 USA.)—Documents nesting and foraging sites.—J.S.M.
- WOLF, L., ET AL. 1985. **Temperature fluctuations and nesting behavior of Rock Wrens in a high-altitude environment.** *Wilson Bull.* 97: 385-387. (Dept. Biol., Indiana Univ., Bloomington, IN 47405 USA.)
- WUNDERLE, J. M., JR. 1985. **An ecological comparison of the avifaunas of Grenada and Tobago, West Indies.** *Wilson Bull.* 97: 356-365. (Dept. Biol., Univ. Puerto Rico, Cayey, PR 00633 USA.)
- WON, P.-O. 1986. **Birds on the Nakdong estuary.** *Bull. Inst. Ornithol. Kyung Hee Univ.* 1: 1-37. (Inst. Ornithol., Kyung Hee Univ., Seoul 131, Korea.)—Two seasons' census work and diversity figures reported from last remaining wintering area of waterfowl and waders in Korea.—M.D.F.U.
- ZANG, H., & P. KUNZE. 1985. **[The behavior of Tengmalm's Owls when settling in a suboptimal breeding habitat of the Harz Mts., FRG.]** *Vogelwelt* 106: 264-267. (Oberer Triftweg 31A, D-3380 Goslar, FRG.)—All young leave after hatching, and adults often change breeding territories. (German, English summary.)—H.-H.W.

EVOLUTION AND GENETICS

- BOCCA, M., U. F. FOSCHI, & E. GELLINI. 1984. **[New data on *Aythya ferina* × *A. nyroca* hybrids.]** *Gli Uccelli d'Italia* 9: 31-34. (C. so. XXVI Febbraio 50, I-1100 Aosta, Italy.) (Italian, English summary.)
- NUMACHI, K., ET AL. 1983. **Evolutionary genetics of the Anatidae.** *Tori* 32: 63-74. (Otsuchi Mar. Res. Ctr., Ocean Res. Inst., Univ. Tokyo, Akahama, Otsuchi, Iwate 028-11, Japan.)—Twenty-eight species; 10 enzyme loci; electrophoresis. Agrees with current classification, with usual few exceptions; *Cereopsis* and *Alopochen* go to Anserinae, Anatinae gets *Tadorna*.—D.W.M.

FEEDING BEHAVIOR AND DIET

- ARNBOM, T. 1985. **Birds feeding in association with orcas.** *Osprey* 16: 162-163.—In Norway.—F.E.L.
- BARBER, J. C., & M. M. BARBER. 1983 (1986). **Prey of an urban Peregrine Falcon.** *Maryland Birdlife* 39: 108-110. (803 Glen Allen Dr., Baltimore, MD 21229 USA.)—Three-year count of catches by female nesting on Baltimore skyscraper: 277 *Columba livia*, 26 birds of 11 other species, 1 bat.—M.B.
- BAYER, R. D. 1985. **Interactions between Great Blue Herons and gulls.** *Wilson Bull.* 97: 538-541. (P.O. Box 1467, Newport, OR 97365 USA.)—On the mid-coast of Oregon.—F.E.L.
- BECKWITH, R. C., & E. L. BULL. 1985. **Scat analysis of the arthropod component of Pileated Woodpecker diet.** *Murrelet* 66: 90-92. (Pacific NW Forest Range Exp. Sta., LaGrande, OR 97850 USA.)—Mostly *Camponotus* ants.—J.S.M.
- BELL, H. L. 1986. **Sexual differences in the behaviour of wintering Golden Whistlers *Pachycephala pectoralis* at Wollomombi N.S.W.** *Emu* 86: 2-11. (Dept. Zool., Univ. New England, Armidale, NSW 2351, Australia.)—Males forage higher than females and snatch more, whereas females glean more. Suggests difference reduces intraspecific competition.—H.A.F.
- BEST, T. L., & R. A. SMARTT. 1986. **Feeding ecology of Mourning Doves (*Zenaidura macroura*) in south-**

- eastern New Mexico. *Southwestern Natur.* 31: 33-38. (Dept. Biol., Univ. New Mexico, Albuquerque, NM 87131 USA.)—Prairie sunflowers dominant food; foods not taken in proportion to plant densities.—J.J.D.
- BOOTH, D. T. 1986. **Crop and gizzard contents of two Mallee Fowl.** *Emu* 86: 51-53. (Dept. Zool., Univ. Adelaide, G.P.O. Box 498, Adelaide, SA 5001, Australia.)—*Leipoa ocellata*. Mostly seeds and some foliage.—H.A.F.
- BOYCE, D. A., JR. 1985. **Prairie Falcon prey in the Mojave Desert, California.** *Raptor Res.* 19: 128-134. (Zool. Dept., Brigham Young Univ., Provo, UT 84602 USA.)—Prey remains and pellets from 19 eyries; 25 bird, 9 mammal, 5 reptile, and 1 insect species. Mean prey mass 107 g, 20% of male falcon mass.—J.A.S.
- BUCHSBAUM, R., J. WILSON, & I. VALIELA. 1986. **Digestibility of plant constituents by Canada Geese and Atlantic Brant.** *Ecology* 67: 386-393. (Boston Univ. Marine Prog., Woods Hole, MA 02543 USA.)
- BYRKJEDAL, I., J. A. KÅLÅS, & A. HÅLAND. 1986. **Summer food of a mountain population of Common Gull *Larus canus*.** *Fauna Norv. Ser. C Cinclus* 9: 17-24. (Dir. Naturforv., Tungasletta 2, N-7000 Trondheim, Norway.)
- CALAMBOKIDIS, J., & G. H. STEIGER. 1985. **Bald Eagle (*Haliaeetus leucocephalus*) consumption of harbor seal (*Phoca vitulina*) placenta in Glacier Bay, Alaska.** *Raptor Res.* 19: 145. (Cascadia Res. Collective, Suite 201, 218½ W. 4th Ave., Olympia, WA 98501 USA.)
- COATE, K. 1985. **Black Honeyeaters feeding on ash.** *W. Australian Natur.* 16: 51-52. (21 Acanthus Rd., Willetton, WA 6155, Australia.)—*Certhionyx niger*.
- COOPER, J. 1985. **A note on the diet of Cape Cormorant *Phalacrocorax capensis* at Mercury Island, South West Africa, in November 1978.** *S. African J. Mar. Sci.* 3: 129-130. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)
- DEVINE, A., D. G. SMITH, & M. SZANTYR. 1985. **Barred Owl hunting insects.** 1985. *Raptor Res.* 19: 145. (Biol. Dept., Southern Connecticut State Univ., New Haven, CT 06515 USA.)—*Strix varia* feeding on noctuid moths in Florida.—J.A.S.
- ERNST, S. 1986. **[The food of the Redpoll, *Carduelis flammea*.]** *Falke* 33: 28-29. (Aschbergstr. 24, 20-23, DDR-9653 Klingenthal 3, GDR.)—Table of plants, from observations. (German.)—H.-H.W.
- ERWIN, R. M., H. HAFNER, & P. DUGAN. 1985. **Differences in the feeding behavior of Little Egrets (*Egretta garzetta*) in two habitats in The Camargue, France.** *Wilson Bull.* 97: 534-538. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- EVANS, S. 1986. **White-faced Heron *Ardea novae-hollandiae* as prey of Powerful Owl *Ninox strenua*.** *Australian Bird Watcher* 5: 169. (153 Summerhill Rd., Glen Iris, Vic. 3146, Australia.)
- GARSTONE, R. 1986. **Little Eagle *Hieraetus morphnoides* takes Banded Fruit Dove *Ptilinopus cinc-***
- tus.** *Australian Bird Watcher* 11: 242-243. (Wood-anilling, WA 6316, Australia.)
- GIERGIELEWICZ, J. 1985. **[Observations on methods of hunting waterfowl by White-tailed Eagle at "Lake Swidwie" nature reserve.]** *Notatki Ornitol.* 26: 169-176. (*Jedności Narodowej* 5/12, 70-415 Szczecin, Poland.)—*Haliaeetus albicilla*. (Polish, English summary.)—T.W.
- GOODMAN, S. M. 1986. **The prey of Barn Owls (*Tyto alba*) inhabiting the ancient temple complex of Karnak, Egypt.** *Ostrich* 57: 109-112. (Mus. Zool., Univ. Michigan, Ann Arbor, MI 48109 USA.)
- GRIMM, P. 1985. **[On the ability of the Goshawk (*Accipiter gentilis*) to kill and carry large prey.]** *Falke* 32: 11. (*W.-Bredel-Str.* 93, DDR-2793 Schwerrin, GDR.)—*A. anser* (3.3 kg) and other large birds. (German.)—H.-H.W.
- GRÜNWARD, H. 1986. **[On the prey of the Great Grey Shrike (*Lanius excubitor*) during summer in the Sauerland Mts., Westphalia, FRG.]** *Charadrius* 22: 16-22. (*Regerstr.* 18, D-5750 Menden 2, FRG.)—Bees, beetles, *Triturus alpestris*, and mice. (German.)—H.-H.W.
- GWINNER, E. 1986. **Sting-removal from bees by White-eyed Slaty Flycatchers *Melaenornis chocolatina*.** *Scopus* 10: 51-52. (Max-Planck Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-8138 Andechs, FRG.)
- HAUG, E. 1985. **Merlin feeding on road-kills.** *Raptor Res.* 19: 103. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)
- HEATWOLE, H. 1985. **Brown Noddy attacks mouse.** *Wilson Bull.* 97: 571-572. (Dept. Zool., Univ. New England, Armidale, NSW 2351, Australia.)
- HERHOLDT, J. J. 1986. **Comparative diets of the Spotted Eagle Owl *Bubo africanus* and Grass Owl *Tyto capensis* in the Florisbad area.** *Mirafra* 3: 28-32. (Box 266, Bloemfontein 9300, S. Africa.)—Pellet analysis.—J.J.H.
- HOBBS, J. N. 1986. **White-faced Heron *Ardea novae-hollandiae* feeding at garbage pit.** *Australian Bird Watcher* 11: 209-210. (12 Hume St., Dareton, NSW 2717, Australia.)
- HOBBS, J. N. 1986. **Gyrating as a feeding method of the Australian Magpie-lark *Grallina cyanoleuca*.** *Australian Bird Watcher* 11: 238-239.
- HOPPE, R. T., L. M. SMITH, & D. B. WESTER. 1986. **Foods of wintering diving ducks in South Carolina.** *J. Field Ornithol.* 57: 126-134. (Drawer E, Savannah River Ecol. Lab., Aiken, SC 29801 USA.)
- HULL, C. 1986. **The diet of the Wedge-tailed Eagle, *Aquila audax*, breeding near Melbourne.** *Corella* 10: 21-24. (Dept. Zool., Monash Univ., Clayton, Vic. 3168, Australia.)—Chiefly rabbits and opossums (*Pseudocheirus*).—H.A.F.
- KOJIMA, K., & H. ARISAWA. 1983. **Habitat and food habit of the Black Woodpecker *Dryocopus martius* in Hokkaido.** *Tori* 32: 109-111. (Inst. Appl. Zool., Hokkaido Univ., Sapporo, Hokkaido 606, Ja-

- pan.)—Compared with earlier study in different habitat; food same: carpenter ants.—D.W.M.
- LEVINGS, S. C., S. D. GARRITY, & L. R. ASHKENAS. 1986. **Feeding rates and prey selection of Oystercatchers in the Pearl Island of Panama.** *Biotropica* 18: 62–71. (Dept. Zool., Univ. Rhode Island, Kingston, RI 02881 USA.)—*Haematopus palliatus*.
- LOHOEFENER, R., & M. LOHOEFENER. 1982. **Food of Burrowing Owls on the northwestern Kansas high plains.** *Kansas Ornithol. Soc. Bull.* 33: 25–29. (MSU Res. Ctr., NSTL Station, MS 39529 USA.)—One-year study. Diet shifted from primarily rodents in May–early June to primarily insects in late June–October.—J.L.Z.
- MACROBERTS, M. H., & B. R. MACROBERTS. 1985. **Gila Woodpecker stores acorns.** *Wilson Bull.* 97: 571. (740 Columbia, Shreveport, LA 71104 USA.)
- MARTIN, A., K. EMMERSON, & M. ASCANIO. 1985. **[Food habits of *Tyto alba* in Tenerife, Canary Islands.]** *Ardeola* 32: 9–15. (Dept. Zool., E-38071 Tenerife, Spain.) (Spanish, English summary.)
- MATTHEWS, J. P., & A. BERRUTI. 1983. **Diet of Cape Gannet and Cape Cormorant off Walvis Bay, 1958–1959.** *S. African J. Mar. Sci.* 1: 61–63. (Sea Fish. Res. Inst., Priv. Bag X2, Rogge Bay 8012, S. Africa.)—*Morus capensis* and *Phalacrocorax capensis* ate primarily pilchard *Sardinops ocellata*.—D.C.D.
- MOSER, M. E. 1986. **Prey profitability for adult Grey Herons *Ardea cinerea* and the constraints on prey size when feeding young nestlings.** *Ibis* 128: 392–405. (BTO, Tring, Herts. HP23 5NR, UK.)
- MUNGER, J. C. 1986. **Rate of death due to predation for two species of horned lizard, *Phrynosoma cornutum* and *P. modestum*.** *Copeia* 1986: 820–824. (Dept. Zool., Univ. Wisconsin, Madison, WI 53706 USA.)—Includes 1 case of suspected *Lanius ludovicianus* predation.—F.E.L.
- OFFREDO, C., & V. RIDOUX. 1986. **The diet of Emperor Penguins *Aptenodytes forsteri* in Adélie land, Antarctica.** *Ibis* 128: 409–413. (Lab. Océanogr. Biol., Univ. Bretagne Occidentale, 29287 Brest Cedex, France.)—Studied using water off-loading technique.—I.C.C.
- PANG BING-ZHANG. 1985. **[The food habits of the Azure-winged Magpie.]** *Chinese J. Zool.* 20(3): 18–20.—*Cyanopica cyana*. (Chinese.)
- PARKER, K. C. 1986. **Trunk vs. ground feeding in Cactus Wrens (*Campylorhynchus brunneicapillus*, Troglodytidae).** *Southwestern Natur.* 31: 111–114. (Dept. Geogr., Univ. Georgia, Athens, GA 30602 USA.)
- PÖYSÄ, H. 1985. **Circumstantial evidence of foraging interference between two species of dabbling ducks.** *Wilson Bull.* 97: 541–543. (Dept. Biol., Univ. Joensuu, SF-80101 Joensuu, Finland.)—*Anas crecca* and *A. clypeata* in SE Finland.—F.E.L.
- PRESCOTT, K. W. 1985. **Eastern Screech-Owl captures goldfish in patio pond.** *Wilson Bull.* 97: 572–573. (Dept. Art, Univ. Texas, Austin, TX 78712 USA.)
- ROBINSON, S. K. 1986. **Three-speed foraging during the breeding cycle of Yellow-rumped Caciques (Icterinae: *Cacicus cela*).** *Ecology* 67: 394–405. (Illinois Nat. Hist. Survey, 607 E. Peabody Dr., Champaign, IL 61820 USA.)—Suggests females with few constraints minimize exposure to predators, while energetically constrained females maximize rate of energy intake.—P.J.D.
- RUTLEDGE, B. A. 1986. **Mackinder's Eagle Owl feeding on bats.** *Scopus* 10: 49. (Baltimore Zoo, Baltimore, MD 21217 USA.)—*Bubo capensis mackinderi*.
- SAITO, S. 1983. **[Caching of Japanese stone pine seeds by Nutcrackers at the Shiretoko Peninsula, Hokkaido.]** *Tori* 32: 13–20. (Hokkaido Forest Exp. Sta., Kôshunai, Bibai, Hokkaido 079-01, Japan.)—*Nucifraga caryocatactes* chief dispersal agent of *Pinus pumilla* on new, bare slopes. Cache distribution shown. Discusses other seeds cached; 3 mammalian dispersers. (Japanese, English summary.)—D.W.M.
- SCHRAMM, M. 1986. **The diet of Great-winged, Kerguelen and Soft-plumaged petrels at the Prince Edward Islands.** *Ostrich* 57: 9–15. (P. Bag X5092, Umtata, Transkei, S. Africa.)—Islands midway between S. Africa and Antarctica. Stomach contents analyzed. Discusses bioluminescence of prey items and interspecific competition.—J.J.H.
- SCHULTZ, M. 1986. **The Swamp Antechinus *Antechinus minimus* as prey of the Black-shouldered Kite *Elanus notatus*.** *Australian Bird Watcher* 11: 168–169. (167 S. Beach Rd., Bittern, Vic. 3918, Australia.)
- SCHULTZ, M. 1986. **Straw-necked Ibis taking a western brown snake.** *Australian Bird Watcher* 11: 211.—*Threskiornis spinicollis* taking *Pseudonaja nuchalis*.—H.A.F.
- SMITH, K. G. 1986. **Downy Woodpeckers feeding on mud-dauber wasp nests.** *Southwestern Natur.* 31: 134. (Dept. Zool., Univ. Arkansas, Fayetteville, AR 72701 USA.)
- STEELE, W. R., & N. T. KLAGES. 1986. **Diet of the Blue Petrel at sub-Antarctic Marion Island.** *S. African J. Zool.* 21: 253–256. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—*Halo-baena caerulea*.
- SUTHERLAND, W. J., D. W. F. JONES, & R. W. HADFIELD. 1986. **Age differences in the feeding ability of Moorhens *Gallinula chloropus*.** *Ibis* 128: 414–418. (Sch. Biol. Sci., Univ. E. Anglia, Norwich NR4 7TJ, UK.)
- TANIGUCHI, K. 1983. **[Food remains of the Brown Hawk Owl (*Ninox scutulata*) from the breeding season.]** *Tori* 32: 145–152. (Edagari 66, Kanzaki-cho, Saga Pref. 842, Japan.)—Primarily insects; birds early in season when insects scarce. (Japanese, English summary.)—D.W.M.
- TOLAND, B. 1985. **Northern Harrier predation on Greater Prairie Chickens in southwest Missouri.** *Raptor Res.* 19: 146–148. (Rte. 4, Box 165, Columbia,

- MO 65201 USA.)—Prey remains and pellets at 7 *Circus cyaneus* nests.—J.A.S.
- TORRES, J. A., & R. ARENAS. 1985. [New data about the diet of the White-headed Duck, *Oxyura leucocephala*.] *Ardeola* 32: 127–131. (Dept. Zool., E-14071 Córdoba, Spain.) (Spanish, English summary.)
- WARKENTIN, I. G. 1985. Meadow Vole predation by a Merlin wintering in Saskatoon, Saskatchewan. *Raptor Res.* 19: 104–105. (Dept. Biol., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)
- WARKENTIN, I. G., & L. W. OLIPHANT. 1985. Observations of winter food caching by the Richardson's Merlin. *Raptor Res.* 19: 100–101.
- XU JUN. 1985. [Preliminary investigation of the food habits of the Greenfinch in Guiyang district, Guizhou Province, China.] *Chinese J. Zool.* 20(3): 15–17.—*Carduelis sinica*. (Chinese.)
- GENERAL BIOLOGY—GENERAL**
- ALLEN, G. A., & R. A. CANNINGS. 1985. Museum collections and life-history studies. *British Columbia Prov. Mus. Occ. Pap.* 25: 169–194. (Dept. Biol., Univ. Victoria, Victoria, BC V8W 2Y2, Can.)—With some examples from ornithology.—F.E.L.
- GENERAL BIOLOGY—AFRICAN**
- BRICKELL, N. 1985. The feeding and breeding of three Southern African serins in captivity and in the wild. *Avicult. Mag.* 91: 217–221.—*Serinus albogularis*, *S. sulphuratus*, and *S. flaviventris*.
- BRICKELL, N. 1985. The Sweet Waxbills. *Avicult. Mag.* 91: 222–224.—Describes physical appearances, distributions, diets, and breeding activities of *Estrilda m. melanotis*, *E. m. quartinia*, and *E. m. kilimensis*.—A.J.I.
- BRICKELL, N. 1985. The South African population of the Grey Waxbill *Estrilda perreini*. *Avicult. Mag.* 91: 225–227.—Physical appearance, distribution, and breeding.—A.J.I.
- CANDY, M. 1984. Habits and breeding of the Great Blue Turaco *Corythaecola cristata*. *J. E. African Nat. Hist. Soc. Natl. Mus.* 180: 1–19. (Kaimosi Tea Estate, P.O. Box. 1, Kaimosi, Kenya.)—Detailed study on diet and breeding biology of largest musophagid.—D.E.P.
- CLARKE, G. 1986. Notes on the Speckled Pigeon *Columba guinea* in NW Somalia. *Scopus* 10: 47–49. (Juniper Ho., 2 Bellingham Rd., Kendall LA9 5JW, UK.)—Status and flock movements.—M.G.K.
- CLARKE, G. 1986. A weaver roost at Hargeisa, Somalia. *Scopus* 10: 51–54.—*Ploceus galbula*, *P. intermedius*, *P. rubiginosus*, *P. velatus*, and *Q. quelea*.
- CRAWFORD, R. J. M., ET AL. 1985. Partitioning of a goby resource amongst four avian predators and evidence for altered trophic flow in the pelagic community of an intense, perennial upwelling system. *S. African J. Mar. Sci.* 3: 215–228. (Sea Fish. Res. Inst., Priv. Bag X2, Rogge Bay 8012, S. Africa.)—Post-hoc explanation of changes in seabird numbers off central Namibia. Collapse of overfished pilchard *Sardinops ocellata* stock led to replacement by a goby *Sufflogobius bibarbatatus*, unexploited by fishermen, and increase in diving seabirds (*Spheniscus demersus*, *Phalacrocorax capensis*, *P. neglectus*) but not in plunging species (*Morus capensis*), which could not reach depths where large goby occur.—D.C.D.
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- EARLÉ, R. A. 1985. The nest of the South African Cliff Swallow *Hirundo spilodera* (Aves: Hirundinidae). *Navors. Nas. Mus. Bloemfontein* 5: 21–36.
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- GENERAL BIOLOGY—AUSTRALIAN**
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- LAVERY, H. J. 1986. Breeding seasons of birds in north-eastern Australia. First supplement, 1967–74. Emu 86: 111–113. (Queensland Natl. Parks Wildl. Serv., P.O. Box 190, Brisbane, Qld. 4000, Australia.)
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- WALL, L. E. 1986. Strange nest site for White-faced Heron. Australian Bird Watcher 11: 237. (63 Elphinstone Rd., North Hobart, Tas. 7000, Australia.)
- WHITE, J. M. 1986. Breeding of Black Swans on two New England lagoons. Corella 10: 17–20. (Sch. Appl. Sci., Riverina-Murray Inst. Higher Ed., Wagga Wagga, NSW 2650, Australia.)—*Cygnus atratus*. Breeding success high during drought, but low when it coincided with duck-hunting season.—H.A.F.

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- BECKER, D. M. 1985. **Early nesting records for Merlins in Montana and North Dakota.** Raptor Res. 19: 102. (Coop. Wildl. Res. Unit, Univ. Montana, Missoula, MT 59812 USA.)
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- BOSAKOWSKI, T. 1986. **Short-eared Owl winter roosting strategies.** Amer. Birds 40: 237-240. (Dept. Toxic. Pathol., Roche Res. Ctr., Nutley, NJ 07110 USA.)—During 3 New Jersey winters, *Asio flammeus* roosted in conifers only during periods of heavy snow cover. Reviews reports of tree roosting; discusses significance.—J.L.T.
- BRACKHAGE, D. H. 1985. **A second brood by Canada Geese.** Wilson Bull. 97: 387-388. (FGFWFC, 3991 SE 27 Ct., Okeechobee, FL 33474 USA.)—In NW Missouri.—F.E.L.
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- CAIN, S. L. 1986. **A new longevity record for the Bald Eagle.** J. Field Ornithol. 57: 173. (USFWS, Box 1287, Juneau, AK 99802 USA.)—Minimum age of 21 yr, 11 months.—R.A.I.
- CARPENTER, T. W. 1985. **Recapture of a non-breeding Boreal Owl two years later.** Raptor Res. 19: 142. (3646 S. John Hix, Wayne, MI 48184 USA.)
- CUTHBERT, F. J. 1985. **Intraseasonal movement between colony sites by Caspian Terns in the Great Lakes.** Wilson Bull. 97: 502-510. (Dept. Biol. Sci., Univ. Minnesota, Duluth, MN 55812 USA.)
- DELANEY, M. F., & C. L. ABERCROMBIE. 1986. **American alligator food habits in northcentral Florida.** J. Wildl. Mgmt. 50: 348-353. (FGFWFC, Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601 USA.)—*Fulica americana* (5) and 28 other birds (species not indicated) found in 350 stomachs.—F.E.L.
- DOWDE, E. M., & L. D. FLAKE. 1985. **Arrival and departure patterns of Great Blue Herons at a South Dakota colony.** Wilson Bull. 97: 374-378. (Missouri Dept. Conserv., 1110 Columbia Ave., Columbia, MO 65201 USA.)
- FIELDER, P. C., & R. G. STARKEY. 1986. **Bald Eagle perch-sites in eastern Washington.** Northwest Sci. 60: 186-190. (Public Utility Dist. 1 of Chelan Co., Wenatchee, WA 98801 USA.)—Snags, preferred perch sites, used in greater proportion than their availability.—T.D.R.
- GRESS, B. 1985. **House Sparrow found feeding Western Kingbird nestlings.** Kansas Ornithol. Soc. Bull. 36: 25-26. (Wichita Park Board, 455 N. Main, Wichita, KS 67202 USA.)
- GUTIÉRREZ, R. J. 1986. **A review of the recent research on the Northern Spotted Owl.** Oregon Birds 12: 105-117. (Dept. Wildl., Humboldt State Univ., Arcata, CA 95521 USA.)—*Strix occidentalis caurinus* increases home range in winter, needs old-growth forests for thermoregulation in summer, and may breed in years when larger prey either more abundant or more available.—O.L.S.

A Special Publication

- GUTIÉRREZ, R. J., & A. B. CAREY (Eds.). 1985. **Ecology and management of the Spotted Owl in the Pacific northwest.** U.S. Forest Serv. Genl. Tech. Rept. PNW-185, 119 pp. (Available from Pacific NW Forest Range Exp. Sta., P.O. Box 3890, Portland, OR 97208 USA.)—*Strix occidentalis*. Nineteen papers, some given at Cooper Ornithol. Soc. meeting, 19-23 June 1984, Arcata, California, on management plans of various states and agencies and reports of recent research; 10 listed below.—F.E.L.

- ALLEN, H. L., & L. W. BREWER. **A review of current Northern Spotted Owl (*Strix occidentalis caurina*) research in Washington state.** Pp. 55-57. (Washington Dept. Game, Olympia, WA 98504 USA.)—Preliminary results of population and habitat studies.—F.E.L.
- BARROWCLOUGH, G. F., & S. L. COATES. **The demography and population genetics of owls, with special reference to the conservation of the Spotted Owl (*Strix occidentalis*).** Pp. 74-85. (Dept. Ornithol., Amer. Mus. Nat. Hist., New York, NY 10024 USA.)—Summarizes patterns for *Tyto alba*, *Otus asio*, *B. bubo*, *B. virginianus*, and *Strix aluco*.—F.E.L.

- BARROWS, C. W. **Breeding success relative to fluctuations in diet for Spotted Owls in California.** Pp. 50-54. (42101 Wilderness Rd., Branscomb, CA 95417 USA.)—Based on analysis of pellets at 2 nests for 5 yr. Availability of large rodents such as *Neotoma fuscipes* and *Glaucomys sabrinus* seems important for breeding success.—F.E.L.
- CAREY, A. B. **A summary of the scientific basis for Spotted Owl management.** Pp. 100-114. (Pacific NW Forest Range Exp. Sta., 3625 93rd St., Olympia, WA 98502 USA.)
- FORSMAN, E. D., & E. C. MESLOW. **Old-growth forest retention for Spotted Owls—how much do**

- they need?** Pp. 58-59. (580 SE Corliss Ave., Corvallis, OR 97333 USA.)—Radiotelemetry study of 6 pairs for 3-13 months. Pairs used 1,008-3,786 (\bar{x} = 2,264) acres of old growth.—F.E.L.
- GOULD, G. I., JR. **Management of Spotted Owls by the California Department of Fish and Game.** Pp. 21-26. (California Dept. Fish Game, Sacramento, CA 95814 USA.)—In 1984, 1,317 territories known for state. Gives totals by county.—F.E.L.
- GUTIÉRREZ, R. J. **An overview of recent research on the Spotted Owl.** Pp. 39-49. (Dept. Wildl. Mgmt., Humboldt State Univ., Arcata, CA 95521 USA.)—Comprehensive review.—F.E.L.
- GUTIÉRREZ, R. J., ET AL. **Juvenile Spotted Owl dispersal in northwestern California: preliminary results.** Pp. 60-65.—Dispersal distances for 11 radio-marked juveniles 30-156 km (\bar{x} = 78).—F.E.L.
- LAYMON, S. A. **General habitats and movements of Spotted Owls in the Sierra Nevada (central California).** Pp. 66-68. (Dept. Forestry, Univ. California, Berkeley, CA 94720 USA.)—Brief summary of 3-yr study of 25 radio-marked adults and juveniles. Documents downslope migration to wintering areas in foothills.—F.E.L.
- MILLER, G. S., & E. C. MESLOW. **Dispersal data for juvenile Spotted Owls: the problem of small sample size.** Pp. 69-73. (Coop. Wildl. Res. Unit., Oregon State Univ., Corvallis, OR 97331 USA.)
- HAMAS, M. J., & W. D. GRAUL. 1986. **A four-egg clutch of the Mountain Plover.** *Wilson Bull.* 97: 388-389. (Dept. Biol., Central Michigan Univ., Mt. Pleasant, MI 48859 USA.)—One egg smaller and different in color and markings, raising possibility of 2 females laying in same nest.—F.E.L.
- HANSEN, S. C. 1984. **Breeding of the Least Bittern in Pottawatomie County, Kansas.** *Kansas Ornithol. Soc. Bull.* 35: 37-39. (Dept. Computer Sci., Kansas State Univ., Manhattan, KS 66506 USA.)—One-season study of 5 nests with nestling growth data on 2 nests.—J.L.Z.
- HAYWARD, G. 1986. **Activity pattern of a pair of nesting Flammulated Owls (*Otus flammeolus*) in Idaho.** *Northwest Sci.* 60: 141-144. (Dept. Fish Wildl. Resources, Univ. Idaho, Moscow, ID 83843 USA.)—Number of nest visits by adults during strictly nocturnal, bimodal foraging periods increased linearly during nestling period.—T.D.R.
- HOBSON, K. A., & D. WILSON. 1985. **Colony establishment by Pelagic Cormorants on man-made structures in southwest coastal British Columbia.** *Murrelet* 66: 84-86. (Dept. Zool., Univ. Manitoba, Winnipeg, MB R3T 2N2, Can.)
- JOHNSON, R. R., & J. J. DINSMORE. 1985. **Brood-rearing and post-breeding habitat use by Virginia Rail and Soras.** *Wilson Bull.* 97: 551-554. (3708 Rodenberg Ave., Evansville, IN 47712 USA.)
- JOHNSTON, R. F., & S. G. JOHNSON. 1985. **The breeding season of feral pigeons in Kansas.** *Kansas Ornithol. Soc. Bull.* 36: 32-33. (Mus. Nat. Hist., Univ. Kansas, Lawrence, KS 66045 USA.)—While some *Columba livia* pairs nest in winter, most birds have reproductive schedule typical of other wild birds of midcontinental North America.—J.L.Z.
- LAING, K. 1985. **Food habits and breeding biology of Merlins in Denali National Park, Alaska.** *Raptor Res.* 19: 42-51. (Div. Wildl. Fish. Biol., Univ. California, Davis, CA 95616 USA.)—Prey species, foraging behavior, nesting habitat, defense, courtship, parental care, and productivity in 5 breeding pairs.—J.A.S.
- MILES, D. B. 1986. **A record of Brown-headed Cowbird (*Molothrus ater*) nest parasitism of Rufous-crowned Sparrows (*Aimophila ruficeps*).** *Southwestern Natur.* 31: 253-254. (Dept. Zool. Biomed. Sci., Ohio Univ., Athens, OH 45701 USA.)
- MINDELL, D. P. 1985. **Plumage variation and winter range of Harlan's Hawk (*Buteo jamaicensis harlani*).** *Amer. Birds* 39: 127-133. (Dept. Zool., Brigham Young Univ., Provo, UT 84602 USA.)
- OLIPHANT, L. W. 1985. **North American Merlin breeding survey.** *Raptor Res.* 19: 37-41. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)—Summary of 864+ nestings. Reports productivity data.—J.A.S.
- SERVHEEN, C. 1985. **Notes on wintering Merlins in western Montana.** *Raptor Res.* 19: 97-99. (USFWS, HS 105D, Univ. Montana, Missoula, MT 59812 USA.)—Diet and origin of winter population. Measured 7 birds of 3 races.—J.A.S.
- SIKES, P. J., & K. A. ARNOLD. 1986. **Red imported fire ant (*Solenopsis invicta*) predation on Cliff Swallow (*Hirundo pyrrhonota*) nestlings in east-central Texas.** *Southwestern Natur.* 31: 105-106. (Dept. Wildl. Fish Sci., Texas A&M Univ., College Station, TX 77843 USA.)
- WALSBERG, G. E., & E. ZEBRA. 1986. **Use of *Neotoma* nest for breeding by Gambel's Quail.** *Southwestern Natur.* 31: 256. (Dept. Zool., Arizona State Univ., Tempe, AZ 85287 USA.)

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- BARLOW, J. C., & S. V. NASH. 1985. **Behavior and nesting biology of the St. Andrew Vireo.** *Wilson Bull.* 97: 265-272. (Dept. Ornithol., Royal Ontario Mus., Toronto, ON M5S 2C6, Can.)—Color frontis of *Vireo caribaeus* by J. P. O'Neill.—F.E.L.
- CASTELLANOS-VERA, A. 1983. **Observations on the distribution, abundance, and productivity of the Osprey in the Ojo de Liebre-Guerrero Negro Lagoon, B.C.S., Mexico.** U.S. Forest Serv. Genl. Tech. Rept. WO-36: 88-92.—West-central coast of Baja California.—F.E.L.
- DONAHUE, P. K. 1985. **Notes on some little known**

- or previously unrecorded birds of Suriname. *Amer. Birds* 39: 229-230. (P.O. Box 1036, Brunswick, ME 04011 USA.)—*Buteo platypterus*, *Stercorarius pomarinus*, *Grallaria varia*, *Microcochlearius josephinae*, *Catharus minimus*, and *Dendroica fusca*.
- FEINSINGER, P., ET AL. 1986. **Floral neighborhood and pollination success in four hummingbird-pollinated cloud forest plant species.** *Ecology* 67: 449-464. (Dept. Zool., Univ. Florida, Gainesville, FL 32611 USA.)—Competitive effects from heterospecific plants infrequent in species with flowers adapted for long-billed hummingbirds.—P.J.D.
- GNAM, R. 1986. **Breeding biology of the Bahama Parrot.** *AFA Watchbird* 13(4): 58-60. (1872 Stanhope St., Ridgewood, NY 11385 USA.)—*Amazona leucocephala bahamensis* on Abaco Island.—F.E.L.
- GONZÁLEZ ALONSO, H., F. GONZÁLEZ BERMÚDEZ, & M. QUESADA. 1986. **[Distribution and feeding habits of the Cuban Zapata Sparrow (*Torreornis inexpectata*) (Aves: Fringillidae).]** *Poeyana* 310, 24 pp. (Inst. Zool., Acad. Cienc. Cuba, La Habana, Cuba.)—Comparison among 3 habitats. Includes list of vertebrate species observed. (Spanish, English summary)—R.F.B.
- MARTIN, M. W., & R. F. MARTIN. 1985. **Nestling feeding schedules of Turquoise-browed Motmots in Yucatan, Mexico.** *Wilson Bull.* 97: 372-374. (Dept. Geol., Univ. North Carolina, Chapel Hill, NC 78705 USA.)
- MCNEIL, R., & J. R. RODRIGUEZ S. 1985. **Nest, seasonal movements, and breeding of Buffy Hummingbirds in xeric habitats of northeastern Venezuela.** *Wilson Bull.* 97: 547-551. (Ctr. Rech. Ecol. Montreal, C.P. 6128, Montreal, PQ H3C 3J7, Can.)—*Leucippis fallax*.
- SCOLARO, J. A. 1984. **[Review of the breeding biology of the Magellanic Penguin (*Spheniscus magellanicus*). Annual breeding cycle.]** *Cent. Nacl. Patagónica Contrib.* 91, 26 pp. (C. Correo 69, 9120 P. Madryn, Chubut, Argentina.)—Detailed study of breeding cycles in 1976-1981; covers age-class division, prenesting period, egg laying, incubation, hatching, parental care, and postreproductive period; full bibliography. (Spanish, English summary)—B.G.B.
- WEBBER, T., & J. W. HARDY. 1985. **Breeding and behaviour of Tamaulipas Crows *Corvus imparatus* in captivity.** *Avicult. Mag.* 91: 191-198. (Florida State Mus., Univ. Florida, Gainesville, FL 32611 USA.)—Describes adult vocalizations, breeding, nest building, egg laying, incubation and hatching, nestlings, and fledglings.—A.J.I.
- GENERAL BIOLOGY—ORIENTAL**
- ASAMI, R., & R. HAGA. 1983. **[A study of the population ecology of the Brown Dipper (*Cinclus pallasi*) at the Tokachi River system, Hokkaido.]** *Tori* 32: 75-94. (Dept. Agro-environ. Sci., Obihiro Univ. Agr. Vet. Med., Obihiro, Hokkaido 080, Japan.)—General biology; home range size related to environmental factors; 3-yr study. (Japanese, English summary.)—D.W.M.
- CHEN ZUO-PING, ET AL. 1985. **[Preliminary observations on the breeding and home range of the Lesser Sand Lark.]** *Chinese J. Zool.* 20(1): 15-17.—*Calandrella rufescens*. (Chinese.)
- FEI DIAN-JIN, ET AL. 1985. **[Study on the breeding habits of the Purple Heron and the Gray Heron from the protected region of Zhalong, Heilongjiang Province, China.]** *Chinese J. Zool.* 20(2): 12-16.—*Ardea purpurea* and *A. cinerea*. (Chinese.)
- FUJIOKA, M. 1986. **Two cases of bigyny in the Cattle Egret *Bubulcus ibis*.** *Ibis* 128: 419-422. (Dept. Biol., Osaka City Univ., Sugimoto, Sumiyoshi-ku, Osaka 558, Japan.)
- HAYASHI, T. 1983. **[Straying of Streaked Shearwaters (*Calonectris leucomelas*), with special reference to seasonal wind.]** *Tori* 32: 21-29. (Fukui Prefectural Wildl. Protect. Ctr., Wakisanga-cho, Fukui-shi, Fukui 910-21, Japan.)—High winds correlate with inland fallout of shearwaters. (Japanese, English summary.)—D.W.M.
- IJIMA, Y., & M. YAMADA. 1983. **[Breeding and distribution of *Grus japonensis* in the southern part of Tokachi District, Hokkaido, Japan.]** *Tori* 32: 129-138. (Taiki Vet. Serv. & Agr. Insurance Assoc., Taiki-cho, Hiroo-gun, Hokkaido 089-21, Japan.)—General breeding biology. (Japanese, English summary.)—D.W.M.
- SONG YUJIN, & ZHANG XINGLU. 1986. **[The ecology and behavior of Marsh Tits in the Changbai Mountains.]** *Dongwuxue Yanjiu* 7: 159-165. (Dept. Biol., Northeastern Normal Univ., Changchun, Peoples' Republic of China.)—Habitat preference, food, nest sites, timing of breeding, clutch size, feeding of young, and growth in *Parus palustris brevis*. (Chinese, English summary.)—I.C.C.
- ZHANG WEN-GUANG, ET AL. 1985. **[Preliminary study on the ecology of *Oenanthe deserti*.]** *Chinese J. Zool.* 20(3): 13-15. (Chinese.)
- GENERAL BIOLOGY—PALEARCTIC**
- CHOZAS, P. 1985. **[Mortality rates of Spanish White Storks, *Ciconia ciconia*.]** *Ardeola* 32: 119-123. (Dept. Zool., Univ. Complutense, E-28040 Madrid, Spain.) (Spanish, English summary.)
- DIAZ, P., ET AL. 1985. **[Phenology note about the Corn Bunting, *Emberiza calandra*, in Guipuzcoa.]** *Munibe* 37: 143-144. (Soc. Cienc. Aranzadi, Mus., E-20003 San Sebastian, Spain.) (Spanish.)
- HUMMEL, D. 1985. **[Massive passage of White-fronted Geese (*Anser albifrons*) and Bean Geese (*A. fabalis*) through northern Federal Republic of Germany in December 1980.]** *Vogelwelt* 106: 225-238. (Trinchenberg 4, D-3302 Cremlingen 1, FRG.)—Migration of populations wintering south of Baltic Sea. (German, English summary.)—H.-H.W.
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ETCHEBERRY, R. 1985. **Spring migration in the islands of Saint-Pierre and Miquelon.** Osprey 16: 199-201.

A Special Publication

HARWOOD, M. (Ed.). 1985 (1986). **Proceedings of Hawk Migration Conference IV.** Hawk Migration Association of North America. Available from R. C. Morton, Treas., HMANA, 604 Windsor Pl., Moorestown, NJ 08057 USA for \$29.95 plus \$3.00 (surface) or \$7.00 (air) for overseas mailing.—The conference, 24-27 March 1983, Rochester, New York, included 33 papers listed below.—F.E.L.

ABLE, K. P. **Radar methods for the study of hawk migration.** Pp. 347-354. (Dept. Biol. Sci., State Univ. New York, Albany, NY 12222 USA.)—Describes advantages and disadvantages of most readily available radar units.—F.E.L.

BLOOM, P. H. **Raptor movements in California.** Pp. 313-323. (Condor Res. Ctr., 2291-A Portola Rd., Ventura, CA 93003 USA.)—Based primarily on recoveries of banded birds.—F.E.L.

BRINKER, D. F., & T. C. ERDMAN. **Characteristics of autumn Red-tailed Hawk migration through Wisconsin.** Pp. 107-136. (Appalachian Environ. Lab., Univ. Maryland, Frostburg, MD 21532 USA.)—Duration and age ratios, origins and destination based on band recoveries, and effects of geography and wind drift on migration route and wintering area; 12-yr study.—F.E.L.

CIPRIANO, R., & P. KERLINGER. **Estimating the altitude of hawk migration.** Pp. 67-73. (Atmospheric Sci. Res. Ctr., State Univ. New York, Albany, NY 12222 USA.)—Maximum altitude function of convective depth, which is estimated by comparing surface temperature and upper-air temperature (latter obtainable from U.S. Dept. Commerce, NOAA.)—F.E.L.

CLARK, W. S. **The migrating Sharp-shinned Hawk at Cape May Point: banding and recovery results.** Pp. 137-148. (P.O. Box 1161, Annandale, VA 22003 USA.)—Over 16 yr, 27,399 birds banded and 337 recovered.—F.E.L.

COCHRAN, W. W. **Ocean migration of Peregrine Falcons: is the adult male pelagic?** Pp. 223-237. (Illinois Nat. Hist. Surv., 607 E. Peabody Dr., Champaign, IL 61820 USA.)

CURRIE, N. W., ET AL. **A review of Broad-winged Hawk migrations.** Pp. 167-191. (10 Mountain Laurel Rd., Sandy Hook, CT 06472 USA.)—*Buteo platypterus*.

DUFFY, K. E. **Fall migration of Barn Owls at Cape May Point, New Jersey.** Pp. 193-205. (Cape May Bird Observ., P.O. Box 3, Cape May Point, NJ

08212 USA.)—Most adult *Tyto alba* migrate early in October; juveniles migrate later until early November. Birds banded at Cape May recovered south to South Carolina.—F.E.L.

ESCOTT, N. G. **Fall migration of the Rough-legged Hawk at Marathon, Ontario.** Pp. 27-39. (Pathol. Dept., Univ. Texas Med. Branch, Galveston, TX 77550 USA.)—On north shore of Lake Superior.—F.E.L.

GAUTHREUX, S. A., JR. **Differential migration of raptors: the importance of age and sex.** Pp. 99-106. (Dept. Zool., Clemson Univ., Clemson, SC 29631 USA.)—General tendency for smaller sex to migrate farther from breeding grounds than larger sex. "More data needed."—F.E.L.

GAUTHREUX, S. A., JR. **An avian migration mobile research laboratory: hawk migration studies.** Pp. 339-346.—Using small marine radars.—F.E.L.

HOFFMAN, S. W. **Autumn Cooper's Hawk migration through northern Utah and northeastern Nevada, 1977-1982.** Pp. 149-165. (P.O. Box 1382, Albuquerque, NM 87103 USA.)

HOFFMAN, S. W. **Raptor movements in inland western North America: a synthesis.** Pp. 325-338.—Summarizes recent data for 18 observation sites.—F.E.L.

HOFFMAN, S. W., & W. K. POTTS. **Fall migration of Golden Eagles in the Wellsville Mountains, northern Utah, 1976-1979.** Pp. 207-218.—First noted in late August, continuing through November, indistinct peak in mid-October; 4-yr study.—F.E.L.

HOLTHUIJZEN, A. M. A., & L. OOSTERHUIS. **Implications for migration counts from telemetry studies of Sharp-shinned Hawks (*Accipiter striatus*) at Cape May Point, New Jersey.** Pp. 305-312. (Dept. Fish. Wildl. Sci., Virginia Polytech. Inst., Blacksburg, VA 24061 USA.)—Results from 48 immature females in fall 1980 and 1981 indicate population not grossly over- or underestimated by visual census.—F.E.L.

HUSSELL, D. J. T. **Analysis of hawk migration counts for monitoring population levels.** Pp. 243-254. (Wildl. Res. Sect., Ministry Nat. Resources, P.O. Box 50, Maple, ON L0J 1E0, Can.)—Using multiple-regression techniques. Annual indices for spring counts (7 yr) of *Accipiter striatus* and *Buteo platypterus* in Ontario showed no significant year-to-year differences.—F.E.L.

KERLINGER, P. **A theoretical approach to the function of flocking among soaring migrants.** Pp. 41-49. (Dept. Biol., Univ. Calgary, Calgary, AB T2N 1N4, Can.)—Discusses 3 models of how hawks migrating in flocks might locate and use convective elements. Summarizes the few field studies.—F.E.L.

KERLINGER, P. **Daily rhythm of hawk migration, noonday lulls, and counting bias: a review.** Pp.

- 259-265.—Radar and direct observation of *Accipiter striatus* and *Buteo platypterus* migration at 4 locations (Texas, New York, New Jersey) show lulls, daily rhythms, and counting biases related to altitude and visibility of migration.—F.E.L.
- KLEM, D., JR., ET AL. **Analysis of individual flight patterns of migrating raptors at a break in the Kittatinny Ridge: Lehig Gap, Pennsylvania.** Pp. 1-11. (Dept. Biol., Muhlenberg Coll., Allentown, PA 18104 USA.)
- KOCHENBERGER, R., & P. J. DUNN. **The effects of varying observer numbers on raptor count totals at Cape May, New Jersey.** Pp. 281-293. (Cape May Bird Observ., P.O. Box 3, Cape May, NJ 08212 USA.)—Positive correlation between increase in size of day's flight and degree of variation between counts of most common species recorded.—F.E.L.
- LAURIE, P., & N. C. JENKINS. **Autumn hawk migrations at Fort Johnson, Charleston, South Carolina.** Pp. 355-360. (Copperhead Trail, Johns Island, SC 29455 USA.)—Results of 3-yr study at coastal site. Buteos, Merlins, and Peregrines observed infrequently.—F.E.L.
- MACRAE, D. **Over-water migration of raptors: a review of the literature.** Pp. 75-98. (22622 53rd Ave. SE, Bothell, WA 98021 USA.)
- MINDELL, D. P. **Biogeography of New World migrant raptors: a review.** Pp. 369-385. (Dept. Zool., Brigham Young Univ., Provo, UT 84602 USA.)
- MOON, N. S., & L. W. MOON. **Raptor counts at Braddock Bay, New York: the effects of observer coverage at auxiliary sites.** Pp. 295-304. (25 Edgewater La., Rochester, NY 14617 USA.)—On south shore of Lake Ontario. Satellite observation posts necessary to monitor all possible variations of spring migration.—F.E.L.
- ROBINSON, L. J. **A hawkwatching world: one in which everyone wears glasses.** Pp. 255-257. (14 Willow Rd., Wellesley, MA 02181 USA.)—Discussion of binoculars useful for hawk watching.—F.E.L.
- SATTLER, G., & J. BART. **A technique for evaluating observer efficiency in raptor migration studies.** Pp. 275-280. (Dept. Zool., Ohio State Univ., Columbus, OH 43210 USA.)
- SMITH, N. G. **Thermals, cloud streets, trade winds, and tropical storms: how migrating raptors make the most of atmospheric energy in Central America.** Pp. 51-65. (Smithsonian Trop. Res. Inst., APO Miami, FL 34002 USA.)—Summarizes recent observations on *Buteo platypterus*, *B. swainsoni*, and *Cathartes aura*.—F.E.L.
- SMITH, N. G. **Some uncertain aspects of migration by Swainson's Hawks and Turkey Vultures.** Pp. 219-222.—Brief discussion of energetics, distribution, and route.—F.E.L.
- SMITH, N. G. **Counting migrating raptors.** Pp. 239-242.—Brief discussion on difficulties of comparable year-to-year counting in Panama.—F.E.L.
- SMITH, N. G. **The path between North America and limbo: the "wintering grounds" syndrome and future research on migratory raptors.** Pp. 387-393.—Stresses need for additional data on ability of *Buteo platypterus* to put on amount of fat necessary for migration.—F.E.L.
- STEUCEK, G. L. **Soaring with statistics: quantitative information enhances hawkwatching.** Pp. 267-274. (Millersville Univ., Millersville, PA 17551 USA.)—Introduction to techniques and functions of statistical analysis.—F.E.L.
- SWEM, T. **Sitkagi Beach raptor migration study, spring 1982.** Pp. 13-26. (Box 4-1740, Anchorage, AK 99509 USA.)—On south coast of Alaska. Unusually high count of *Circus cyaneus*.—F.E.L.
- YURKUNAS, V. G. **Louisiana hawk watch.** Pp. 361-368. (Palmer St., Bondsville, MA 01009 USA.)—Results of 1981 and 1982 counts.—F.E.L.
- RAES, D., & B. VERCRUYSE. 1985. [Seabird migration at Nieuwpoort in autumn 1982.] *Ornis Flandriae* 4: 73-82. (Waterloose steenweg 1, B-1640 Sint-Genesius-Rode, Belgium.)—Numbers of wildfowl, waders, auks, and gulls migrating along coast. (Flemish, English summary.)—D.R.B.
- SEALY, S. G. 1986. **Fall migration of Northern Orioles: an analysis of tower-killed individuals.** *North Amer. Bird Bander* 11: 43-45. (Dept. Zool., Univ. Manitoba, Winnipeg, MB R3T 2N2, Can.)—*Icterus g. galbula*.
- SELLERS, R. M. 1984. **The effect of the R. Severn and the Cotswold Escarpment on the dispersal of birds in the Vale of Berkeley.** *Gloucestershire Natur.* 1: 36-38. (Rose Cottage, Walkley Wood, Nailsworth, Glos. GL6 0RU, UK.)—Several passerine species dispersed along Severn Vale, rather than across river.—D.R.B.
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- TAYLOR, D. M., & C. H. TROST. 1985. **Fall raptor concentration on Henry's Lake Flats.** *Raptor Res.* 19: 143-144. (Dept. Biol., Idaho State Univ., Pocatello, ID 83209 USA.)—Twelve species in Idaho.—J.A.S.
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- BAUDINETTE, R. V., P. GILL, & M. O'DRISCOLL. 1986. **Energetics of the Little Penguin *Eudyptula minor*: temperature regulation, the calorogenic effect of food, and moulting.** *Australian J. Zool.* 34: 35-45. (Sch. Biol. Sci., Flinders Univ., Bedford Park, SA 5042, Australia.)
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- DAVIS, R. A., ET AL. 1985. **Molt migration of large Canada Geese on the west coast of Hudson Bay.** *Wilson Bull.* 97: 296-305. (Environ. Res. Assoc., 22 Fisher St., King City, ON L0G 1K0, Can.)
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- HECTOR, J. A. L., B. K. FOLLETT, & P. A. PRINCE. 1986. Reproductive endocrinology of the Black-browed Albatross *Diomedea melanophris* and the Grey-headed Albatross *D. chrysostoma*. J. Zool. London 208A: 237-253. (BAS, NERC, High Cross, Madingley Rd., Cambridge CB3 0ET, UK.)—In *chrysostoma*, which usually breeds biennially, ovaries active but do not develop in year following successful breeding, whereas males, and both sexes of *melanophris*, undergo annual gonadal development and associated hormonal activity.—D.E.P.
- HOBBS, J. N. 1986. Pink-breasted females in a population of Red-capped Robins *Petroica goodenovii*. Australian Bird Watcher 5: 150-152. (12 Hume St., Dareton, NSW 2717, Australia.)—Females usually have dull white breast. Also records males breeding in brown female-like plumage.—H.A.F.
- HOMBERGER, D. C. 1986. The lingual apparatus of the African Grey Parrot, *Psittacus erithacus* Linné (Aves: Psittacidae): description and theoretical mechanical analysis. Ornithol. Monogr. 39, 233 pp. (Dept. Zool., Louisiana State Univ., Baton Rouge, LA 70803 USA.)—Specific modifications of psittacine tongue, more complex than other avian tongues, involve more massive hyoid bones and more complex articular facets, but most distinctive affect muscles and complex hydraulic structures. All interpreted as adaptations to diet of shelled seeds.—F.E.L.
- HOOLIHAN, J., & W. BURNHAM. 1985. Peregrine Falcon semen: a quantitative and qualitative examination. Raptor Res. 19: 125-127. (Univ. Texas Syst. Cancer Ctr., Science Park, Smithville, TX 78957 USA.)
- KUMMER, J. 1986. [On abnormally small eggs.] Beitr. Vogelkd. 32: 17-26. (A.-Saefkow-Str. 8, DDR-3500 Stendal, GDR.) (German.)
- LIGHTBODY, J. 1985. Growth rates and development of Redhead ducklings. Wilson Bull. 97: 554-559. (Dept. Biol., Carleton Univ., Ottawa, ON K1S 5B6, Can.)—*Aythya americana* captives.—F.E.L.
- LINZ, G. M. 1986. Temporal, sex, and population characteristics of the first prebasic molt of Red-winged Blackbirds. J. Field Ornithol. 57: 91-98. (Denver Wildl. Res. Ctr., Bldg. 16, Denver Fed. Ctr., Denver, CO 80225 USA.)
- MATSUOKA, S. 1983. [Change of iris color with age in Great Spotted Woodpeckers (*Dendrocopos major*).] Tori 32: 139-143. (Ornithol. Lab., Agr. Res. Ctr., Ministry Agr. Forestry Fish., Yatabe-machi, Tsukuba, Ibaraki 305, Japan.) (Japanese, English summary.)
- OLIPHANT, L. W., & S. V. TESSARO. 1985. Growth rates and food consumption of hand-raised Merlins. Raptor Res. 19: 79-84. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)—Estimated food requirement for wild pair raising 4 young during 120-day breeding season: 800 sparrow-size birds.—J.A.S.
- PRESCOTT, K. W. 1986. Weight, fat, and wing measurement variations during migration and overwintering of White-throated Sparrows in New Jersey. North Amer. Bird Bander 11: 46-51. (2526

- Tanglewood Trail, Austin, TX 78703 USA.)—Based on 287 birds, both adult (AHY) and immature (HY) inland *Zonotrichia albicollis* heavier than coastal-captured ones, and birds caught in midwinter heavier than those caught in fall and early spring.—J.A.S.(1)
- QUAY, W. B. 1985. **Sperm release in migrating wood warblers (Parulinae) nesting at higher latitudes.** *Wilson Bull.* 97: 283-292. (Dept. Physiol. Anat., Univ. California, Berkeley, CA 94720 USA.)—As studied at Texas and Missouri. Precocious sperm release probably adaptation for rapid onset of reproduction in areas with short summers.—F.E.L.
- RICHARDSON, K. C., & R. D. WOOLER. 1986. **The structures of the gastrointestinal tracts of honeyeaters and other small birds in relation to their diets.** *Australian J. Zool.* 34: 119-124. (Sch. Vet. Stud., Murdoch Univ., Murdoch, WA 6150, Australia.)—Meliphagids have smaller, less muscular gizzards and shorter intestines than similar-size insectivorous birds.—H.A.F.
- ROBERTS, J. R., & R. V. BAUDINETTE. 1986. **Thermoregulation, oxygen consumption and water turnover in Stubble Quail *Coturnix pectoralis* and King Quail *C. chinensis*.** *Australian J. Zool.* 34: 25-34. (Sch. Biol. Sci., Flinders Univ., Bedford Park, SA 5042, Australia.)
- ROFSTAD, G. 1986. **Growth and morphology of nestling Hooded Crows *Corvus corone cornix*, a sexually dimorphic bird species.** *J. Zool. London* 208A: 299-323. (Dept. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway.)—Females grow faster than males, which are larger as adults. Cost of rearing males higher than for females.—D.E.P.
- SAMOUR, J. H., ET AL. 1986. **Semen collection and spermatozoa characteristics in Budgerigars (*Melopsittacus undulatus*).** *Vet. Rec.* 118: 397-399. *Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, UK.*—Semen appears stored in seminal glomera, structures previously described from Passeriformes. Spermatozoon similar to that of chickens, but different from passerines.—P.R.H.
- SILYN-ROBERTS, H., & R. N. SHARP. 1986. **Preferred orientation of calcite in the *Aepyornis* eggshell.** *J. Zool. London* 208A: 475-478. (Dept. Zool., Univ. Auckland, Auckland, New Zealand.)
- TEWARY, P. D., P. M. TRIPATHI, & B. K. TRIPATHI. 1985. **Effects of exogenous gonadalsteroids and castration on photoperiodic responses of the Yellow-throated Sparrow *Gymnorhis xanthocollis* (Burton).** *Indian J. Exp. Biol.* 23: 426-428. (Dept. Zool., Banaras Hindu Univ., Varanasi 221005, India.)—Gonadal steroids exert antigonadal effect via negative feedback at hypothalamo-hypophysealgonadal axis and also involved in control of bill pigmentation.—P.R.H.
- URIBE, F., L. SENAR, & M. CAMERINO. 1985. **[Morphometry of feral Pigeon, *Columba livia*, from the city of Barcelona.]** *Misc. Zool.* 9: 339-345. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (Spanish, English summary.)
- WEATHERS, W. W. 1986. **Thermal significance of courtship display in the Blue-black Grassquit (*Volatinia jacarina*).** *Natl. Geogr. Res.* 2: 291-301. (Dept. Avian Sci., Univ. California, Davis, CA 95616 USA.)—In Panama, males can perform energetic displays at high temperatures partly because display dissipates nearly as much heat convectively as it produces metabolically.—F.E.L.

PALEONTOLOGY

- MOURER-CHAUVIRÉ, C. 1985. **[The Todidae (Aves, Coraciiformes) of the Phosphorites from Quercy (France).]** *Proc. K. Nederlandse Akad. Wet.* 88B: 407-414. (Ctr. Paleontol., Univ. C. Bernard, 27-43 Boul. du 11 Novembre, 69622 Villeurbanne Cedex, France.)—Describes 2 *Paleotodus* n. sp. from Upper Eocene and Oligocene. Indicates todids widely distributed in past and present representatives relicts. (French, English summary.)—F.E.L.
- RICH, P. V., ET AL. 1983. **Prehistory of the Norfolk Island biota.** *Spec. Publ. Australian Natl. Parks Wildl. Serv.* 8: 6-29. (Monash Univ., Clayton, Vic. 3168, Australia.)—Reports on fossil avifauna.—H.A.F.
- STEADMAN, D. W. 1986. **Holocene vertebrate fossils from Isla Floreana, Galapagos.** *Smithsonian Contrib. Zool.* 413, 103 pp. (New York State Mus., Albany, NY 12230 USA.)—Over 20,000 fossils, dated 2,400 YBP or younger, recovered from 4 lava tubes. Most originated as *Tyto punctatissima* pellets and included 18+ bird species with 4 now extinct on Floreana (*Tyto*, *Mimus trifasciatus*, *Geospiza nebulosa*, *G. magnirostris*). Probably extinctions related to direct or indirect human impacts (predation, livestock grazing, cats, rats, etc.).—F.E.L.

PESTICIDES AND POLLUTION

- BALCOMB, R., ET AL. 1983. **Acute and sublethal effects of 1080 on Starlings.** *Bull. Environ. Contam. Toxicol.* 31: 692-698. (USEPA, TS-769, 401 M St., SW, Washington, DC 20460 USA.)
- BUNCK, C. M., ET AL. 1985. **Changes in eggshell thickness during incubation: implications for evaluating the impact of organochlorine contaminants on productivity.** *Bull. Environ. Contam. Toxicol.* 35: 173-182. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Eggshell thinning occurring during incubation insignificant in *Anas platyrhynchos*, *N. nycticorax*, *Falco sparverius*, *Tyto alba*, and *Otus asio* eggs; thus, relationship between shell thickness and egg residues evaluates impact of organochlorine contaminants on reproductive status of birds without reference to developmental stage of embryos.—D.H.W.
- CHASKO, G. G., ET AL. 1984. **Toxicity of lead shot to wild Black Ducks and Mallards fed natural foods.** *Bull. Environ. Contam. Toxicol.* 32: 417-428. (Con-

- necicut Wildl. Bureau, Franklin Wildl. Mgmt. Area, Rte. 32, North Franklin, CT 06254 USA.)
- CUSTER, T. W., & B. M. MULHERN. 1983. **Heavy metal residues in pre fledgling Black-crowned Night-Herons from three Atlantic coast colonies.** Bull. Environ. Contam. Toxicol. 30: 178-185. (USFWS, P.O. Box 2506, Victoria, TX 77902 USA.)
- DiGIULIO, R. T., & P. F. SCANLON. 1984. **Heavy metals in tissues of waterfowl from the Chesapeake Bay, USA.** Environ. Pollut. 35A: 29-48. (Sch. Forest Environ. Stud., Duke Univ., Durham, NC 27706 USA.)
- ELLENTON, J. A., & L. J. BROWNLEE. 1985. **Aryl hydrocarbon hydroxylase levels in Herring Gull embryos from different locations on the Great Lakes.** Environ. Toxicol. Chem. 4: 615-622. (Natl. Wildl. Res. Ctr., Dept. Environ., Ottawa, ON K1A 0E7, Can.)
- FLEMING, W. J., ET AL. 1985. **Lethal and behavioral effects of chlordimeform in Bobwhite.** Toxicology 36: 37-47. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Chlordimeform at 100 and 1,000 ppm in diet caused behavioral aberrations in lab study, but these concentrations appreciably higher than those found after normal field applications of chlordimeform.—D.H.W.
- FLICKINGER, E. L., C. A. MITCHELL, & A. J. KRYNITSKY. 1986. **Dieldrin and endrin residues in Fulvous Whistling-Ducks in Texas in 1983.** J. Field Ornithol. 57: 85-90. (Patuxent Wildl. Res. Ctr., P.O. Box 2506, Victoria, TX 77902 USA.)
- GRUE, C. E., & C. C. HUNTER. 1984. **Brain cholinesterase activity in fledgling Starlings: implications for monitoring exposure of songbirds to ChE inhibitors.** Bull. Environ. Contam. Toxicol. 32: 282-289. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- HILL, E. F., ET AL. 1984. **Acute toxicity of diazinon is similar for eight stocks of Bobwhite.** Environ. Toxicol. Chem. 3: 61-66. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- HOFFMAN, D. J., & P. H. ALBERS. 1984. **Evaluation of potential embryotoxicity and teratogenicity of 42 herbicides, insecticides, and petroleum contaminants to Mallard eggs.** Arch. Environ. Contam. Toxicol. 13: 15-17. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- KIM, K. S., ET AL. 1984. **Levels of polychlorinated biphenyls, DDE, and mirex in waterfowl collected in New York state, 1979-1980.** Arch. Environ. Contam. Toxicol. 13: 373-381. (Dept. Atmospheric Sci., State Univ. New York, 1400 Washington Ave., Albany, NY 12222 USA.)
- DE KOCK, A. C., & R. M. RANDALL. 1984. **Organochlorine insecticide and polychlorinated biphenyl residues in eggs of coastal birds from the Eastern Cape, South Africa.** Environ. Pollut. 35A: 193-201. (Dept. Zool., Univ. Port Elizabeth, Port Elizabeth, S. Africa.)
- KOOIKER, G. 1986. **[The Magpie (*Pica pica*) as a bioindicator of heavy metals?] Vogelwelt 107: 65-69. (FB Biol./Chem., PF 4469, D-4500 Osnabrück, FRG.)—Magpies fulfill most criteria and therefore are suitable. (German, English summary.)—H.-H.W.**
- LINDBERG, P. 1984. **Mercury in feathers of Swedish Gyrfalcons (*Falco rusticolus*) in relation to diet.** Bull. Environ. Contam. Toxicol. 32: 453-459. (Dept. Zool., Univ. Göteborg, Box 25059, S-40031 Göteborg, Sweden.)
- LITRELL, E. 1986. **Shell thickness and organochlorine pesticides in Osprey eggs from Eagle Lake, California.** California Fish Game 72: 182-185. (California Dept. Fish Game, 1701 Nimbus Rd., Rancho Cordova, CA 95670 USA.)—For 22 eggs, 1973-1984. Pesticide contamination and eggshell thinning still occurring. Present population appears stable.—F.E.L.
- MCEWEN, L. C., L. R. DEWEESE, & P. SCHLADWEILER. 1986. **Bird predation on cutworms (Lepidoptera: Noctuidae) in wheat fields and chlorpyrifos effects on brain cholinesterase activity.** Environ. Entomol. 15: 147-151. (Dept. Fish Wildl. Biol., Colorado State Univ., Fort Collins, CO 80523 USA.)—*Eremophila alpestris* and *Calcarius mccownii* had 95-100% Lepidoptera in their stomachs 3 days post-spray. Brain cholinesterase levels surprisingly lower in birds from treated fields than in controls after 3 and 9 days, but at 16 days difference not significant.—P.R.H.
- PATTEE, O. H. 1984. **Eggshell thickness and reproduction in American Kestrels exposed to chronic dietary lead.** Arch. Environ. Contam. Toxicol. 13: 29-34. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- RUDOLPH, S. G., ET AL. 1984. **Prey-capturing ability of American Kestrels fed DDE and acephate or acephate alone.** Arch. Environ. Contam. Toxicol. 13: 367-372. (Dept. Zool. NJ-15, Univ. Washington, Seattle, WA 98195 USA.)
- SCHAFFER, E. W., JR. 1984. **Potential primary and secondary hazards of avicides.** Proc. Vert. Pest Conf. 11: 217-222. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—All of 6 chemicals or groups of chemicals currently registered as avicides appear hazardous to nontarget birds and mammals, but Starlicide group and Fenthion present least hazard with proper use.—F.E.L.
- SMITH, G. J., ET AL. 1986. **Cholinesterase activity in Black-crowned Night-Herons exposed to fenthion-treated water.** Arch. Environ. Contam. Toxicol. 15: 83-86. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Fenthion, widely used mosquito control agent, not life threatening at 1 and 10 times field application rate (112 g active ingredient/ha) to birds in enclosure.—D.H.W.
- STEYN, P. J., A. J. REINECKE, & J. M. VENTER. 1986. **The weakening of eggshells of the Laughing Dove, *Streptopelia senegalensis* (Linn.).** S. African J. Zool.

- 21: 233-236. (AJR, Dept. Zool., Potch. Univ., Potchefstroom 2520, S. Africa.)—Samples studied 1899-1983. Organochlorine pesticides may have caused changes.—R.A.E.
- STICKEL, W. H., ET AL. 1984. **DDE in birds: lethal residues and loss rates.** Arch. Environ. Contam. Toxicol. 13: 1-6. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- STICKEL, W. H., ET AL. 1984. **Aroclor 1254 residues in birds: lethal levels and loss rates.** Arch. Environ. Contam. Toxicol. 13: 7-13.
- STROMBORG, K. L. 1986. **Reproductive toxicity of monocrotophos to Bobwhite Quail.** Poultry Sci. 65: 51-57. (Div. Ecol. Serv., Univ. Wisconsin, Green Bay, WI 54302 USA.)—No evidence of pesticide effect on reproduction, other than that exerted through pesticide-induced anorexia, in birds fed 0.1, 0.178, 0.316, 0.562, and 1.0 ppm monocrotophos for 15 days.—D.H.W.
- STROMBORG, K. L. 1986. **Reproduction of Bobwhites fed different dietary concentrations of an organophosphate insecticide, methamidophos.** Arch. Environ. Contam. Toxicol. 15: 143-147.—No evidence of pesticide effect on reproduction other than that exerted through pesticide-induced anorexia.—D.H.W.
- THINGSTAD, P. G. 1986. **Environmental contaminants in some adult *Larus fuscus fuscus* from Tarva, an islet on the coast of Sør-Trøndelag.** Fauna Norv. Ser. C Cinclus 9: 55-56. (Zool. Mus., Univ. Trondheim, Erling Skakkes gt. 47A, N-7000 Trondheim, Norway.)
- WHITE, D. H., & A. J. KRYNITSKY. 1986. **Wildlife in some areas of New Mexico and Texas accumulate elevated DDE residues, 1983.** Arch. Environ. Contam. Toxicol. 15: 149-157. (Sch. Forest Resources, Univ. Georgia, Athens, GA 30602 USA.)—*Anas platyrhynchos*, *Fulica americana*, *N. nycticorax*, *Tyrannus verticalis*, and *Passer domesticus*.
- WHITE, D. H., ET AL. 1986. **Trace elements in sediments, water, and American Coots (*Fulica americana*) at a coal-fired power plant in Texas, 1979-1982.** Bull. Environ. Contam. Toxicol. 36: 376-383.—Power plant ash pond attracted many species of aquatic birds as resting and feeding site. Coots did not accumulate harmful levels of heavy metals over 4-yr study.—D.H.W.
- ZINKL, J. G., ET AL. 1984. **Brain cholinesterase activity and brain and liver residues in wild birds of a forest sprayed with acephate.** Environ. Toxicol. Chem. 3: 79-88. (Dept. Clinical Pathol., Sch. Vet. Med., Univ. California, Davis, CA 95616 USA.)
- Beitr. 35: 71-90. (Est. Biol. Doñana, Apdo. 1056, 41013 Seville, Spain.)
- HIRALDO, F., M. DELIBES, & J. CALDERON. 1984. **Comments on the taxonomy of the Bearded Vulture *Gypaetus barbatus* (Linnaeus, 1758).** Bonn. Zool. Beitr. 35: 91-95. (Mus. Nacl. Cienc. Nat., Castellana 80, 28046 Madrid, Spain.)
- JOHNSON, N. K., & R. M. ZINK. 1985. **Genetic evidence for relationships among the Red-eyed, Yellow-green, and Chivi vireos.** Wilson Bull. 97: 421-435. (Mus. Vert. Zool., Univ. California, Berkeley, CA 94720 USA.)
- KURODA, N. 1983. **Some osteological notes on Procellariiformes.** Tori 32: 41-61. (Yamashina Inst. Ornithol., 8-20 Nampaidai-machi, Shibuya-ku, Tokyo 150, Japan.)—Proposes slightly revised taxonomy based on bone measurements.—D.W.M.
- SILVA, T. 1985. **A question of identity.** Avicult. Mag. 91: 236-238. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)—Correct identification of certain subspecies of *Amazona* and *Cacatua*.—A.J.I.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—AFRICAN

- ASH, J. S. 1985. **Birds, including a hybrid, new to Uganda.** Scopus 9: 133-137. (Div. Birds, Natl. Mus. Nat. Hist., Washington, DC 20056 USA.)—*Sterna hirundo*, *Streptopelia turtur*, *Caprimulgus fraenatus*, and *Hirundo rustica* × *Delichon urbica*.
- ASH, J. S. 1986. **A *Ploceus* sp. nov. from Uganda.** Ibis 128: 330-336.—*P. victoriae*; nearest relatives *P. taeniopterus* and *P. velatus*.—I.C.C.
- BACKHURST, G. C. 1985. **Desert Wheatear *Oenanthe deserti* in Kenya.** Scopus 9: 140-141. (P.O. Box 24702, Nairobi, Kenya.)—First East African record.—M.G.K.
- BAIRLEIN, F. 1985. **Red-breasted Flycatcher (*Ficedula parva*) in the central Sahara.** Gerfaut 75: 101-104. (Dept. Zool., Univ. Köln, Weyertal 119, D-5000 Köln 41, FRG.)
- BOOTHROYD, B. 1986. **A second record of Jouanin's Petrel *Bulweria fallax* from Kenya.** Scopus 10: 28-29. (WLPV Consultants, P.O. Box 50569, Nairobi, Kenya.)
- CLANCEY, P. A. 1986. **Taxonomic notes on some birds from East Africa.** Scopus 10: 33-40. (Fernleigh Gdns., 8 Lambert Rd., Morningside, Durban 4001, S. Africa.)—*Buccanodon whytii*, *Pogoniulus chrysoconus*, *Cercotrichas barbata*, *C. quadriovigata*, *Clytospiza monteiri*, *Cryptospiza reichenovii*, *Hypargos niveoguttatus*, *Plocepasser mahali*, and *Emberiza flaviventris*.
- CYRUS, D. P. 1986. **First record of Basra Reed Warbler in southern Africa.** Ostrich 57: 112-114. (Dept. Zool., Univ. Zululand, Bag X1001, Kwa Dlangweza 3886, S. Africa.)—*Acrocephalus griseldis*.
- DUFFY, D. C. 1986. **Seabirds and commercial fisheries: research at the Percy FitzPatrick Institute of African Ornithology.** Bokmakierie 38: 10-12.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—GENERAL

- DELIBES, M., F. HIRALDO, & J. CALDERON. 1984. **Age and geographic variation in the Bearded Vulture *Gypaetus barbatus* (Linnaeus, 1758).** Bonn. Zool.

- (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa).
- DU PLESSIS, G. D. 1986. **A review of the status and distribution of raptors in the southern part of the eastern Orange Free State.** *Mirafr* 3: 7-16. (Box 6614, Bloemfontein 9300, S. Africa.)—For 45 species.—J.J.H.
- EARLÉ, R. A. 1986. **Reappraisal of variation in the Ground Woodpecker *Geocolaptes olivaceus* (Aves: Picidae).** *Navors. Nas. Mus. Bloemfontein* 5: 79-92. (*Natl. Mus.*, Box 266, Bloemfontein 9300, S. Africa.)—Subspecies nullified.—R.A.E.
- FUGGLES-COUCHMAN, N. R. 1986. **Birds visiting a recently filled dam in Tanzania.** *Scopus* 10: 54-57. (Post Ho., High St., Broughton, Stockbridge, Hants. SO20 8AA, UK.)—Observations over 3-month period.—M.G.K.
- HERHOLDT, J. J. 1986. **A new breeding locality for the Fulvous Duck *Dendrocygna bicolor*.** *Mirafr* 3: 23. (Box 266, Bloemfontein 9300, S. Africa.)—Breeding and distribution data in S. Africa.—J.J.H.
- HERHOLDT, J. J. 1986. **Occurrence of the Barred Warbler in the Orange Free State.** *Ostrich* 57: 114.—*Camaroptera fasciolata*; first record.—R.A.E.
- HILLMAN, J. C., & S. M. HILLMAN. 1986. **Notes on some unusual birds of the Banganai area, southwest Sudan.** *Scopus* 10: 29-32. (P.O. Box 386, Addis Ababa, Ethiopia.)—Includes 7 species new to Sudan.—M.G.K.
- HOCKEY, P. A. R., ET AL. 1986. **Rare and vagrant scolopacid waders in southern Africa.** *Ostrich* 57: 37-55. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—Records of 15 species.—R.A.E.
- JACKSON, H. D. 1986. **First Zimbabwe specimen of the Rednecked Falcon.** *Ostrich* 57: 109. (*Nat. Hist. Mus.*, Box 240, Bulawayo, Zimbabwe.)—*Falco chiquera*.
- JACKSON, H. D. 1986. **Identifying nightjars in southern Africa.** *Bokmakierie* 38: 41-45.—In hand and by song.—J.J.H.
- JOHNSON, D. N., & R. F. HORNER. 1986. **Identifying widows, bishops and queleas in female plumage.** *Bokmakierie* 38: 13-17. (Natal Parks Board, Box 662, Pietermaritzburg, S. Africa.)
- MACDONALD, I. Q. W. 1986. **Do Redbreasted Sparrowhawks belong in the Karoo?** *Bokmakierie* 38: 3-4. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—Range expansion.—J.J.H.
- PEARSON, D. J. 1986. **Sightings of Long-toed Stints *Calidris subminuta* at Naivasha.** *Scopus* 10: 41-42. (Dept. Biochem., P.O. Box 30197, Nairobi, Kenya.)—At Kenyan Rift Valley lake.—M.G.K.
- SCHIEPMANN, H. 1986. **Red-necked Phalaropes *Phalaropus lobatus* off the coast of Somalia and Kenya.** *Scopus* 10: 42-44. (Kirchstr. 15, D-7988 Wangen im Algäu, FRG.)—During November 1983 and January-February 1985.—M.G.K.
- SHORT, L. L., & J. F. M. HORNE. 1985. **Notes on some birds of the Arabuko-Sokoke Forest.** *Scopus* 9: 117-126. (Dept. Ornithol., Amer. Mus. Nat. Hist., New York, NY 10024 USA.)—*Circaetus fasciolatus*, *Terathopius ecaudatus*, *Streptopelia capicola*, *Pachycoccyx audeberti*, *Neafraapus boehmi*, *Halcyon chelicuti*, *H. albiventris*, *Prionops scopifrons*, *P. retzii*, *Dicrurus adsimilis*, *Cercotrichas quadrivirgata*, *Lamprolornis corruscus*, *L. chalybeus*, and *Ploceus golandi* in Kenya.—M.G.K.
- SHORT, L. L., & J. F. M. HORNE. 1985. **Notes on some birds of Ol Ari Nyiro, Laikipia Plateau.** *Scopus* 9: 137-140.—In central Kenya.—M.G.K.
- SINCLAIR, J. C., I. GARLAND, & A. CARTE. 1986. **Pied Wheatear and Redthroated Pipit in southern Africa.** *Bokmakierie* 38: 45. (Durban Mus., Box 4085, Durban 4000, S. Africa.)—First records of *Oenanthe pleschanka* and *Anthus cervinus*.—R.A.E.
- VAN DEN ELZEN, R. 1984. **[What does *Polioptila erlangeri* Reichenow, 1905 represent?]** *Bonn. Zool. Beitr.* 35: 103-106. (Zool. Forsch. Inst. Mus. A. Koenig, Adenauerallee 150, D-5300 Bonn 1, FRG.)—Juvenile plumage of *P. tristriata* Rüppell, 1840; not identical with *P. reichardi striatipectus* Sharpe, 1891. (German, English summary).—H.-H.W.
- VAN TUINEN, P., & M. VALENTINE. 1986. **Phylogenetic relationships of turacos (Musophagidae; Cuculiformes) based on comparative chromosome banding analysis.** *Ibis* 128: 364-381. (Anderson Hosp. & Tumour Inst., Texas Med. Ctr., Houston, TX 77030 USA.)—Cladistic analysis of 9 species.—I.C.C.
- VERNON, C. J. 1986. **The Ground Hornbill *Bucorvus leadbeaeri* at the southern extremity of its range.** *Ostrich* 57: 16-24. (Box 11021, Southernwood 5241, S. Africa.)—Reviews distributions, habitat preference, and reasons for range contraction.—J.J.H.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—AUSTRALIAN

- ASHTON, C. B. 1986. **A Western Yellow Robin in the Aldinga scrub.** *S. Australian Ornithol.* 30: 26-27. (P.O. Box 125, Aldinga Beach, SA 5173, Australia.)—*Eopsaltria griseogularis*.
- BAIRD, R. F. 1986. **Tasmanian Native-hen *Gallinula mortierii*: the first late Pleistocene record from Queensland.** *Emu* 86: 121-122. (Dept. Earth Sci., Monash Univ., Clayton, Vic. 3168, Australia.)
- BAKKER, H., & S. A. PARKER. 1986. **A second specimen of the Rufous Fantail from South Australia.** *S. Australian Ornithol.* 30: 23. (S. Australian Natl. Pks. Wildl. Serv., Box 1782, SA 5000, Australia.)—*Rhipidura rufifrons*.
- BARTRAM, K. 1986. **A sighting of the Western Petrel *Procellaria westlandica* off north-west Tasmania.** *Australian Bird Watcher* 11: 213-217. (58 Marine Parade, Elwood, Vic. 3184, Australia.)
- BIDDISCOMBE, E. F. 1985. **Bird populations of farm plantations in the Hotham River valley, WA.** W.

- Australian Natur. 16: 32-39. (CSIRO, Priv. Bag, P.O., Wembley, WA 6014, Australia.)
- BISHOP, K. D. 1985. **Doria's Hawk *Megatriorchis doriae* on Batanta Island, Irian Jaya.** Kukila 2: 85. (13 Elmscott Gardens, Winchmore Hill, London N21 2BP, UK.)—First records of this species off mainland New Guinea.—K.D.B.
- BLACK, A. 1986. **The taxonomic affinity of the New Guinean Magpie *Gymnorhina tibicen papuana*.** Emu 86: 65-70. (11 Ringmer Dr., Burnside, SA 5066, Australia.)—Resembles *G. t. dorsalis* and *G. t. longirostris*.—H.A.F.
- BRAITHWAITE, L. W., ET AL. 1986. **An aerial survey of three game species of waterfowl (family Anatidae) populations in eastern Australia.** Australian Wildl. Res. 13: 213-223. (CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia.)—*Anas superciliosa*, *A. gibberifrons*, and *Chenonetta jubata*; 12% of 2,697,000 km² covered.—H.A.F.
- CHESHIRE, N. 1986. **Oceanic sightings of the Black-bellied Storm-Petrel and other seabirds off South Australia.** S. Australian Ornithol. 30: 15-18. (16 Gamble Cres., Hawthorndene, SA 5051, Australia.)—*Fregatta tropica*, and mostly *Diomedea*, *Pterodroma*, and *Procellaria*.—H.A.F.
- COURTNEY, J. 1986. **Age-related colour changes and behaviour in the Northern Funereal Black-Cockatoo *Calyptorhynchus funereus funereus*.** Australian Bird Watcher 11: 137-145. (Ashgrove, Swan Vale, via Glen Innes, NSW 2370, Australia.)—Proposes 2 species in *C. funereus* superspecies, with extreme southwestern and northeastern forms conspecific and a central species.—H.A.F.
- DAVIDSON, P. M., & F. E. SCHLUGAR. 1985. **Barn Swallows at Learmonth.** W. Australian Natur. 16: 52. (Airports Div., Dept. Aviation, Canberra, ACT 2600, Australia.)
- DE NAUOIS, R. 1985. **[Field notes on New Caledonian raptors with particular reference to *Haliaeetus spheurnus*.]** Bonn. Zool. Beitr. 36: 65-68. (2 Allee de Daims, F-91880 Brunoy, France.) (German.)
- FORD, J. 1986. **Phylogeny of the acanthizid warbler genus *Gerygone* based on numerical analyses of morphological characters.** Emu 86: 12-22. (W. Australian Inst. Technol., Kent St., Bentley, WA 6102, Australia.)—Ancestral gerygone originated in Australo-Papua, with 1-3 species spreading into islands of western Pacific and Malayo-Indonesian chain.—H.A.F.
- FORD, J. 1986. **Avian hybridization and allopatry in the region of the Einasleigh uplands and Burdekin-Lynd divide, north-eastern Queensland.** Emu 86: 87-110.—Describes 20 species with range gaps, hybrid zones, or stepped clines across this elevated region.—H.A.F.
- GOSPER, D. G. 1986. **Birds in the Richmond River district, N.S.W.** Corella 10: 1-16. (15 Arthur St., Casino, NSW 2470, Australia.)—Maps of 333 species in range of habitats from rain forest to coastal heath.—H.A.F.
- GREEN, M. A. 1985. **Pied Butcherbird in the Perth area.** W. Australian Natur. 16: 53-54. (9 Grayson Ct., Wilson, WA 6107, Australia.)—*Cracticus nigrogularis*.
- HALSE, S. A., ET AL. 1985. **Vertebrate fauna along the Marchagee track, Western Australia.** W. Australian Natur. 16: 57-69. (Dept. Conserv. Land Mgmt., P.O. Box 104, Como, WA 6152, Australia.)—Lists 88 bird species.—H.A.F.
- HOLMES, G. 1986. **Notes on the Pale White-eye *Zosterops citrinella*.** Australian Bird Watcher 11: 208-209. (P.O. Box 59, Wardell, NSW 2477, Australia.)
- HOOPER, N. 1986. **Bush-hen *Gallinula olivacea* in the Kimberleys, Western Australia.** Australian Bird Watcher 11: 243-244. (Post Office, Aireys Inlet, Vic. 3221, Australia.)
- JAENSCH, R. 1985. **Brown Quail at Carnarvon.** W. Australian Natur. 16: 91. (RAOU, 30/15 Olgilvie Rd., Canning Bridge, WA 6153, Australia.)—*Coturnix australis*.
- JOHNSTONE, R. E. 1985. **Third record of Leach's Storm Petrel (*Oceanodroma leucorhoa*) in Australia.** W. Australian Natur. 16: 54. (W. Australian Mus., Francis St., Perth, WA 6000, Australia.)
- JOHNSTONE, R. E. 1985. **A Black-bellied Storm-Petrel from Western Australia.** W. Australian Natur. 16: 72-74.—*Oceanites tropicus*.
- JOSEPH, L. 1986. **Little Woodswallows at Buckaringa Gorge in the southern Flinders Ranges.** S. Australian Ornithol. 30: 22-23. (1 Angas St., Kent Town, SA 5067, Australia.)—*Artamus minor*.
- JOSEPH, L. 1986. **Chestnut-crowned Babblers west of the Flinders Ranges.** S. Australian Ornithol. 30: 27.—*Pomatostomus ruficeps*.
- MCMAMARA, J. A. 1986. **Painted Honeyeater in north-eastern South Australia.** S. Australian Ornithol. 30: 21. (153 Burbridge Rd., Hilton, SA 5033, Australia.)—*Grantiella picta*.
- MCMAMARA, J. A. 1986. **Brown Honeyeater near Coober Pedy.** S. Australian Ornithol. 30: 26.—*Lichmera indistincta*.
- NASH, A. D., & S. V. NASH. 1985. **First documented nesting of the Black Butcherbird in Irian Jaya.** Kukila 2: 43-44. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—*Cracticus gooyi*.
- NATT, V. A. 1986. ***Motacilla* wagtail sighting in Alligator Gorge, S.A.** S. Australian Ornithol. 30: 24. (11 Wilhemina St., Kingston, SA 5275, Australia.)—In typical *M. cinerea* habitat.—H.A.F.
- NEWBEY, B. J., & K. R. NEWBEY. 1985. **Birds of Lake Cassencarry.** W. Australian Natur. 16: 45-48. (P.O. Box 42, Ongerup, WA 6336, Australia.)—Waterbirds and waders.—H.A.F.
- PEDLER, L. P. 1986. **Brown Quail breeding in mid-northern South Australia.** S. Australian Ornithol.

- 30: 24-25. (Box 58, Koolunga, SA 5464, Australia.)—*Coturnix australis*.
- POSSINGHAM, H. P. 1986. **The Funereal Cockatoo on Eyre Peninsula.** S. Australian Ornithol. 30: 1-4. (St. John's Coll., Oxford OX1 3JP, UK.)—Small, isolated population of *Calyptorhynchus funereus* reduced by habitat clearance.—H.A.F.
- REID, J. 1986. **Brown Quail on the Upper Murray.** S. Australian Ornithol. 30: 25. (34 Westbury St., Hackney, SA 5069, Australia.)—*Coturnix australis*.
- RICH, P. V., & J. C. BALOUEZ. 1984. **The waifs and strays of the bird world or the ratite problem revisited, one more time.** Pp. 447-455 in Vertebrate zoogeography and evolution in Australasia (M. Archer & G. Clayton, Eds.). Perth, Hesperian Press. (Monash Univ., Clayton, Vic. 3168, Australia.)
- RICH, P. V., A. R. McEVEY, & R. F. BAIRD. 1985. **The scrub-birds (*Atrichornis*) and lyrebirds (*Menura*) of Australia. Osteological comparison and comment on their relationships.** Rec. Australian Mus. 37: 165-191.
- RINKE, D. 1986. **Notes on the avifauna of Niuafo'ou Island, Kingdom of Tonga.** Emu 86: 82-86. (Dept. Ethol., Univ. Bielefeld, P.O. Box 8640, D-4800 Bielefeld, FRG.)—Only 11 native species including endemic *Megapodius pritchardii*, which is not immediately endangered.—H.A.F.
- ROBINSON, A. C., A. SPIERS, & S. A. PARKER. 1986. **First breeding record of the Fleshy-footed Shearwater in South Australia.** S. Australian Ornithol. 30: 13-14. (S. Australian Natl. Pks. Wildl. Serv., Box 1782, Adelaide, SA 5001, Australia.)—*Puffinus carneipes*.
- SAUNDERS, D. A., & C. P. DE REBEIRA. 1986. **Seasonal occurrence of members of the suborder Charadrii (waders and shorebirds) on Rottnest Island, Western Australia.** Australian Wildl. Res. 13: 225-244. (CSIRO, LMB No. 4, Midland, WA 6056, Australia.)—Covers 22 species; 16 transequatorial migrants.—H.A.F.
- SMITH, L. A., & R. E. JOHNSTONE. 1985. **The birds of Lake Macleod, upper west coast, Western Australia.** W. Australian Natur. 16: 83-87. (W. Australian Mus., Francis St., Perth, WA 6000, Australia.)
- SONTER, C. 1986. **A third specimen record and additional notes on the Spotted Pardalote *Pardalotus punctatus* in Sunraysia.** Australian Bird Watcher 11: 181-184. (72 San Mateo Ave., Mildura, Vic. 3500, Australia.)
- SONTER, C. 1986. **The Yellow-tipped Pardalote *Pardalotus striatus striatus* in Sunraysia.** Australian Bird Watcher 11: 240-242.
- TRELOAR, K., L. UNDERWOOD, & J. REID. 1986. **Colonial breeding of the Little Egret *Ardea garzetta* at Price, South Australia.** S. Australian Ornithol. 30: 20. (15 West Terr., Minlaton, SA 5575, Australia.)—Second breeding record for state.—H.A.F.
- VINCENT, D. J., & P. PATON. 1986. **A breeding colony of Little Egrets near Torrens Island.** S. Australian Ornithol. 30: 19. (3 Buchan Ave., Beaumont, SA 5066, Australia.)—*Ardea garzetta*; third breeding record for state.—H.A.F.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—NEARCTIC

- BOYD, R. 1985. **First nesting record of the Ash-throated Flycatcher in Kansas and an additional nesting record for the Black-billed Magpie.** Kansas Ornithol. Soc. Bull. 36: 34. (Biol. Dept., Baker Univ., Baldwin City, KS 66006 USA.)
- BRYANT, R. L. 1983. **Eared Grebes make first recorded nesting attempt in Kansas.** Kansas Ornithol. Soc. Bull. 34: 27. (Quivira NWR, Box G, Stafford, KS 67578 USA.)
- BUTLER, R. W., B. G. STUSHNOFF, & E. McMACKIN. 1986. **The birds of the Creston Valley and south-eastern British Columbia.** Can. Wildl. Serv. Occ. Pap. 58, 37 pp. (Can. Wildl. Serv., Box 340, Delta, BC V4K 3Y3, Can.)—Counts show land birds increased in valley since 1950. Area important for migrating waterfowl in spring and fall.—J.P.R.
- CABLE, T. T., & D. A. RINTOUL. 1985. **Thayer's Gull in Riley County: first documented occurrence in Kansas.** Kansas Ornithol. Soc. Bull. 36: 21-22. (Dept. Forestry, Kansas State Univ., Manhattan, KS 66506 USA.)
- CLAPP, R. B. 1983 (1986). **Second nesting record for Cedar Waxwings in Worcester County, Maryland.** Maryland Birdlife 39: 95. (3411 29th St. NW, Washington, DC 20008 USA.)
- CZAPLAK, D. S. 1983 (1986). **First breeding record of Brown Creeper in the District of Columbia.** Maryland Birdlife 39: 95. (3411 29th St. N.W., Washington, DC 20008 USA.)
- EVANICH, J. 1986. **Results of a spring pelagic trip off Oregon.** Oregon Birds 12: 36-38. (2524 NE Halsey #2, Portland, OR 97232 USA.)—Exceptional records include 500 breeding-plumaged *Gavia pacifica*, 5,000+ *Puffinus griseus*, 2 *P. tenuirostris*, 1 unusual *P. carneipes*, and 30 *Calidris canutus*.—O.L.S.
- GERBER, D. T. 1986. **Female Golden-fronted Woodpecker or mutant female Red-bellied Woodpecker?** Amer. Birds 40: 203-204. (Dept. Biol. Sci., Clemson Univ., Clemson, SC 29631 USA.)—Tail pattern useful field character for distinguishing *Melanerpes aurifrons* from abnormally plumaged *M. carolinus*.—J.L.T.
- GOETZ, R. E., W. B. RUDDEN, & P. B. SNETSINGER. 1986. **Slaty-backed Gull winters on the Mississippi River.** Amer. Birds 40: 207-216. (Dept. Math., Washington Univ., St. Louis, MO 63130 USA.)—Detailed descriptions and photographs of first North American record of *Larus schistisagus* away from N. Pacific Ocean, December 1983-January 1984.—J.L.T.
- GREGG, R. J. 1982. **Red-breasted Nuthatch nesting in Sedgwick County.** Kansas Ornithol. Soc. Bull. 33: 37-39. (Wichita Board Park Comm., 455 N. Main,

- Wichita, KS 67202 USA.)—In S. Kansas; photos.—J.L.Z.
- HANEY, J. C. 1985. **Band-rumped Storm-Petrel occurrences in relation to upwelling off the coast of the southeastern United States.** *Wilson Bull.* 97: 543-547. (Dept. Zool., Univ. Georgia, Athens, GA 30602 USA.)—*Oceanodroma castro*.
- HARRELSON, P. 1983 (1986). **European Goldfinch seen in Anne Arundel County.** *Maryland Birdlife* 39: 110-111. (1149 Riverside Dr., Annapolis, MD 21401 USA.)—On 17 April 1983.—H.B.
- HAYES, F. E., & W. K. HAYES. 1983 (1986). **First Willet in the Maryland Piedmont.** *Maryland Wildlife* 39: 97. (Dept. Biol., Loma Linda Univ., Riverside, CA 92515 USA.)—On 5 August 1978.—H.B.
- HOLT, D. W., ET AL. 1986. **First record of Common Black-headed Gulls breeding in the United States.** *Amer. Birds* 40: 204-206. (122 Graymore Rd., Waltham, MA 02154 USA.)—Pair with nest and eggs, Monomoy Is., Massachusetts, May-June 1984.—J.L.T.
- HUBBARD, J. P., & A. L. GENNARO. 1985. **Ruby-throated Hummingbird in New Mexico.** *Amer. Birds* 39: 134. (2016 Valle Rio, Santa Fe, NM 87501 USA.)—Two specimens of *Archilochus colubris* from Portales, Roosevelt Co., 4 October 1974 and 26 September 1976, provide first credible records for state and establish only second place of verified occurrence in SW USA.—J.L.T.
- KIFF, L., ET AL. 1986. **Birds of the lower Ohio River Valley in West Virginia.** *Brooks Bird Club Spec. Publ.* 1, 47 pp. (Western Foundation Vert. Zool., 1100 Glendon Ave., Los Angeles, CA 90024 USA.)—Annotated list.—F.E.L.
- LAMBETH, D. O., M. A. BERGAN, & R. L. NELLERMOE. 1986. **Nesting records for Piping Plover in the Red River Valley of North Dakota.** *Prairie Natur.* 18: 142. (1909 20th Ave. S., Grand Forks, ND 58201 USA.)—Three records at waste-water lagoons, first for Agassiz Lake Plain.—A.M.W.
- LISH, J. W., & W. G. VOELKER. 1986. **Field identification aspects of some Red-tailed Hawk subspecies.** *Amer. Birds* 40: 197-202. (Coop. Fish Wildl. Res. Unit, Oklahoma State Univ., Stillwater, OK 74078 USA.)
- MURPHY, E. C., A. M. SPRINGER, & D. G. ROSENEAU. 1986. **Population status of Common Guillemots *Uria aalge* at a colony in western Alaska: results and simulations.** *Ibis* 128: 348-363. (Inst. Arctic Biol., Univ. Alaska, Fairbanks, AK 99775 USA.)—Factors influencing survival implicated in decline between 1978 and 1983.—I.C.C.
- PETERSON, W. R., B. J. NIKULA, & D. W. HOLT. 1986. **First record of Brown-chested Martin for North America.** *Amer. Birds* 40: 192-193. (22 Hutchinson Terr., Whitman, MA 02382 USA.)—*Phaeoprogne tapera*, 12 June 1983, Monomoy Is., Massachusetts. Specimen.—J.L.T.
- POWERS, L. R. 1985. **A third Idaho record of the Ovenbird.** *Murrelet* 66: 93. (Dept. Biol., Northwest Nazarene Coll., Nampa, ID 83651 USA.)
- RIMMER, C. C. 1986. **Identification of juvenile Lincoln's and Swamp sparrows.** *J. Field Ornithol.* 57: 114-125. (Vermont Inst. Nat. Sci., Woodstock, VT 05091 USA.)—Key for separating *Melospiza lincolni* and *M. georgiana* using incoming basic breast and side feathers or relative lengths of 9th and 4th primaries. Mouth color is reliable only at 2 extremes.—R.A.I.
- RINTOUL, D. A. 1984. **Glaucois Gulls in Riley County.** *Kansas Ornithol. Soc. Bull.* 35: 22-23. (Div. Biol., Kansas State Univ., Manhattan, KS 66506 USA.)—Second state record; photos.—J.L.Z.
- ROSS, B. M. 1983 (1986). **Swainson's Warbler caught and banded in Baltimore County.** *Maryland Birdlife* 39: 63. (308 Thornhill Rd., Baltimore, MD 21212 USA.)—Piedmont site, 24 May 1983; photo.—H.B.
- SUTTON, C., & P. SUTTON. 1986. **Breeding birds of Bear Swamp, Cumberland County (New Jersey), 1981-1985.** *Rec. New Jersey Birds* 12: 21-24. (129 Buck Ave., Cape May Court Ho., Cape May, NJ 08210 USA.)—Reports 104 breeding species.—R.K.
- TAYLOR, D. M., & C. H. TROST. 1985. **The Common Grackle in Idaho.** *Amer. Birds* 39: 217-218. (Dept. Biol., Idaho State Univ., Pocatello, ID 83209 USA.)—Summarizes all records since first sighting in 1950.—J.L.T.
- THOMPSON, M. C., W. CHAMPENY, & J. NEWTON. 1983. **Records of the Garganey in Kansas.** *Kansas Ornithol. Soc. Bull.* 34: 29-30. (Dept. Biol., Southwestern Coll., Winfield, KS 67156 USA.)—*Anas querquedula* in Sumner Co.; photo.—J.L.Z.
- THOMPSON, S. P., & D. K. McDERMOND. 1985. **Summary of recent Northern Harrier nesting in western Washington.** *Murrelet* 66: 82-84. (Stillwater Wildl. Mgmt. Area, P.O. Box 1236, Fallon, NV 89406 USA.)
- WEEDEN, R. B., & J. S. WEEDEN. 1985. **An Ovenbird in Alaska.** *Murrelet* 66: 93-94. (P.O. Box 80425, Fairbanks, AK 99708 USA.)—Second modern record.—J.S.M.
- ZEMBALL, R., & B. W. MASSEY. 1985. **Distribution of the Light-footed Clapper Rail in California, 1980-84.** *Amer. Birds* 39: 135-137. (USFWS, 24000 Avila Rd., Laguna Niguel, CA 92677 USA.)—*Rallus longirostris levipes* found in 21 of 35 marshes surveyed, with 86-95% of 173-277 pairs detected annually concentrated in 6 marshes. Habitat loss major threat to survival.—J.L.T.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—NEOTROPICS

- ANTAS, P. DE T. Z., C. YAMASHITA, & M. DE P. VALLE. 1986. **First record of Purple Martin (*Progne subis*) in Mato Grosso State, Brazil.** *J. Field Ornithol.* 57: 171-172. (CEMAVE, Caixa Postal 04/34, Brasília-DF, CEP 70.000, Brazil.)
- BUDEN, D. W. 1985. **New subspecies of Thick-billed**

- Vireo (Aves: Vireonidae) from the Caicos Islands, with remarks on taxonomic status of other populations.** Proc. Biol. Soc. Washington 98: 591-597. (Worcester Sci. Ctr., Harrington Way, Worcester, MA 01694 USA.)—*Vireo crassirostris stalagmum*.
- CAPPARELLA, A. P. 1986. **First record of Yellow-colored Chlorophonia for Middle America.** Amer. Birds 40: 194-195. (Mus. Zool., Louisiana State Univ., Baton Rouge, LA 70803 USA.)—*Chlorophonia flavirostris*, 31 January 1983, Cerro Pirre, Darien, Panama. Photographs.—J.L.T.
- CUELLO, J. P. 1985. **Lista de referencia y bibliografía de las aves Uruguayas.** Mus. Damaso Antonio Larrañaga Ser. Divul. 1, 116 pp. (Rambla República de Chile 4215 Buceo, Montevideo, Uruguay.)—Complete list of birds seen in Uruguay and of references to them. (Spanish.)—B.G.B.
- DOD, A. S. 1986. **Hispaniola's first Black Rail (*Laterallus jamaicensis*).** Amer. Birds 40: 196. (Box 1053, Santa Domingo, Dominican Republic.)
- DONAHUE, P. K. 1986. **Sight record of Red Knot for Bolivia.** Amer. Birds 40: 224. (P.O. Box 1036, Brunswick, ME 04011 USA.)
- SCHULENBERG, T. S., & L. C. BINFORD. 1985. **A new species of tanager (Emberizidae: Thraupinae, *Tangara*) from southern Peru.** Wilson Bull. 97: 413-420. (Mus. Zool., Louisiana State Univ., Baton Rouge, LA 70803 USA.)—*T. meyerdeschauensei*, n. sp.; color frontis by J. P. O'Neill.—F.E.L.
- SOFIA MANGHI, M. 1984. **[A new subspecies of *Podiceps major* Boddart (Aves, Podicipedidae).]** Comunicaciones Mus. Argentino Cienc. Nat. "B. Rivadavia" 4(14): 115-119. (CONICET, Mus. Cienc. Nat., Buenos Aires, Argentina.)—*P. m. navasi* n. ssp. from subantarctic forest of southern Patagonia. Differs from nominate race in larger size, more robust bill, and slight color differences. (Spanish.)—J.W.F.
- THURBER, W. A. 1986. **Range expansion of the House Sparrow through Guatemala and El Salvador.** Amer. Birds 40: 341-350. (Cornell Lab. Ornithol., 159 Sapsucker Woods Rd., Ithaca, NY 14850 USA.)—Chronicles rapid expansion by *Passer domesticus* since first sighting in Guatemala in 1970. In 1977 birds nested in 26 of 86 cities and towns searched in El Salvador, with estimated population of 1,100-1,500 birds.—J.L.T.
- TAXONOMY, SYSTEMATICS, AND FAUNISTICS—ORIENTAL**
- ANDREW, P. 1985. **Notes on some Timor birds.** Kukila 2: 92-95. (P.O. Box 905/KBY, Jakarta 12001, Indonesia.)—Documents 7 new species for Timor and information on other little-known Timor birds.—K.D.B.
- BALEN, S. V. 1985. **Short notes on the occurrence of grey phase Black-headed Bulbuls *Pycnonotus atriceps* especially on Java.** Kukila 2: 86-87. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- BISHOP, K. D., & S. COOK. 1985. **Orange-flanked Bluetails *Tarsiger cyanurus* wintering in south-east Sumatra.** Kukila 2: 70. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—First record for Indonesia.—K.D.B.
- BISHOP, K. D., & B. KING. 1985. **The Sunda Serin *Serinus estherae* in Sulawesi.** Kukila 2: 90-92.—Report of unusual erythristic phase.—K.D.B.
- BRAZIL, M. 1983. **A sight record of Yellow-legged Herring Gull from Kyushu, Japan.** Tori 32: 112-113. (Wild Bird Soc. Japan, Aoyama Flower Bldg., 1-1-4 Shibuya, Shibuya-ku, Tokyo 150, Japan.)—Two *L. argentatus mongolicus* 21 March 1983; new for Japan.—D.W.M.
- COMPOST, A., & G. R. MILTON. 1985. **An early arrival of the Malayan Night-Heron *Gorsachius melanolophus* in Java?** Kukila 2: 88-90. (Green Indonesia Foundation, P.O. Box 208, Bogor 16001, West Java, Indonesia.)—Single bird in immature plumage recorded in Ujung Kulon National Park, early August 1982.—K.D.B.
- VAN HELVOORT, B. E. 1985. **A breeding record of Great Thick-knee *Esacus magnirostris* (Viellot) on Bali.** Kukila 2: 68-69. (Beneden Beeklop 48, NL. 5662 Geldrop, Netherlands.)—First for Bali.—K.D.B.
- KAZAMA, T. 1983. **[First record of *Oceanodroma tristrami* for Niigata Prefecture, Honshu.]** Tori 32: 31. (Sakai 1398-3, Niigata-shi, Niigata 950-21, Japan.)—Captured January 1983; second Honshu record on Sea of Japan side. (Japanese, English summary.)—D.W.M.
- MIKKOLA, H. 1985. **Barn Owl *Tyto alba* in Bali.** Kukila 2: 95. (CIC Fisheries Gp., Jl. Gayung Kebonsari VIII/12, Wonocolo, Surabaya, East Java, Indonesia.)—First record on Bali.—K.D.B.
- MILTON, G. R. 1985. **Notes on the distribution of the Masked Finfoot *Heliopais personata* in Indonesia.** Kukila 2: 41-43. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—Reviews records for Sumatra and first record for Java.—K.D.B.
- MILTON, G. R., & A. MARHADI. 1985. **The bird life of the nature reserve Pulau Dua.** Kukila 2: 32-41.—Detailed survey of this important Indonesian reserve, including counts of all breeding colonial waterbirds.—K.D.B.
- NASH, A. D., & S. V. NASH. 1985. **Breeding notes on some Padang-Sugihan birds.** Kukila 2: 59-63. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- NASH, S. V., & A. D. NASH. 1985. **A checklist of the forest and forest edge birds of the Padang-Sugihan wildlife reserve, south Sumatra.** Kukila 2: 51-59. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- SILVIUS, M. J., & W. J. M. VERHEUGT. 1985. **The birds of Berbak game reserve, Jambi Province, Sumatra.** Kukila 2: 76-84. (World Wildl. Fund, P.O. Box 10769, Kuala Lumpur, Malaysia.)—First record of *Sterna caspia* for Sumatra and shorebird counts, including 97+ *Limnodromus semipalmatus*.—K.D.B.

- TAKEUCHI, K. 1983. [Breeding of Little Tern on the west coast of Aomori Prefecture.] *Tori* 32: 32. (Shibata Primary Sch., Shibata Yayoida 2-1, Kizukuri, Aomori 038-31, Japan.)—Most northern breeding sites of *Sterna albifrons* in Japan. Clutch size and hatching dates included. (Japanese, English summary.)—D.W.M.
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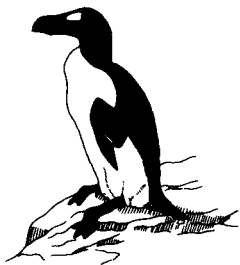
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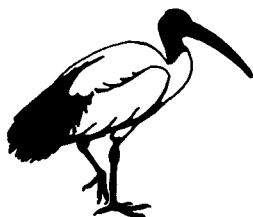
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NEW JOURNALS

Bulletin of the Institute of Ornithology, Kyung Hee University. Seoul 131, Korea. Editor: P.-O. Won. Vol. 1, June 1986, 86 pp. No price given. Some articles in Korean with English summaries, some in English.—The 7 papers (listed below) from vol. 1 cover conservation, ecology, breeding biology, and distribution of Korean (6) and Philippine (1) birds.—M.D.F.U.

Museo Damaso Antonio Larrañaga: serie de divulgacion. Intendencia municipal de Montevideo, Rambla República de Chile 4215 Buceo, Montevideo, Uruguay. No. 1, 1985. Spanish.—No information on price or publication schedule. See Cuello (Taxonomy, systematics, and faunistics—Neotropics) below.—B.G.B.

A RENAMED JOURNAL

Oriolus. (Formerly **Wielewaal**.)—The numbering sequence of the volumes is retained. Effective with vol. 52 (1986). Articles in Dutch with English summaries; 9 listed below on behavior, ecology, migration, distribution, and techniques.—F.E.L.

BEHAVIOR AND VOCALIZATIONS

AMOS, S. H. 1985. **Breeding the Yellow Cardinal *Gubernatrix cristata* at the National Aquarium in Baltimore.** *Avicult. Mag.* 91: 199–203. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)

ANDERSON, M. E., & R. N. CONNER. 1985. **Northern Cardinal song in three forest habitats in eastern Texas.** *Wilson Bull.* 97: 436–449. (Math/Sci. Div., Bee Co. Coll., Beeville, TX 78102 USA.)—Differences in song frequency among *C. cardinalis* populations enhance long-distance communication.—F.E.L.

BARNARD, P., & R. SIMMONS. 1986. **The functions of leg-lowering in territorial predatory birds.** *Ostrich* 57: 107–109. (Dept. Zool., Univ. Witwatersrand, Johannesburg 2001, S. Africa.)—Suggests leg-lowering ritualized display.—R.A.E.

BENUSSI, E., & F. PERCO. 1984. **[Ecoethological observations on the Goshawk, *Accipiter g. gentilis*, in the Triestine Karst.]** *Gli Uccelli d'Italia* 9: 3–25. (v. *Ginnastica* 73, I-34142 Trieste, Italy.) (Italian, English summary.)

BERMAN, S. L. 1985. **Notes on the behaviour of the Speckled Mousebird *Colius striatus*.** *Avicult. Mag.* 91: 231–235. (Dept. Biol., Coll. Holy Cross, Worcester, MA 01610 USA.)—Describes use of water, food sharing, courtship, nesting, agonistic behavior, and digit configurations of captive birds.—A.J.I.

BERULDSSEN, G. R. 1986. **Observations on the Sooty Owl *Tyto tenebricosa* in south-east Queensland.** *Australian Bird Watcher* 11: 230–236. (P.O. Box 387, Kenmore, Qld. 4069, Australia.)—Describes calls.—H.A.F.

BOYCE, D. A., JR. 1985. **Merlins and the behavior of wintering shorebirds.** *Raptor Res.* 19: 94–96. (Dept. Zool., 574 WIDB, Brigham Young Univ., Provo, UT 84602 USA.)—Antipredatory strategies of individuals and flocks.—J.A.S.

BRAZA, F., F. ALVAREZ, & R. PINTOS. 1985. **[Gregariousness of the Red-legged Partridge (*Alectoris rufa*) in Doñana, Spain.]** *Ardeola* 32: 39–47. (Est. Biol. Doñana, Apdo. 1056, E-41080 Seville, Spain.) (Spanish, English summary.)

BRAZIL, M. 1983. **A case of unusual aggression by a Whooper Swan.** *Tori* 32: 155. (Wild Bird Soc. Japan, Aoyama Flower Bldg., 1-1-4 Shibuya, Shibuya-ku, Tokyo 150, Japan.)—*C. cygnus* kills half-grown *Anas penelope*.—D.W.M.

BROOKE, M. DE L. 1985. **Skua predation on penguin eggs: the influence of egg quality and location.** *Wilson Bull.* 97: 366–368. (EGI, Dept. Zool., S. Parks Rd., Oxford OX1 3PS, UK.)—Experiments at Marion Island indicate *Catharacta antarctica* take *Eudyptes chrysolophus* eggs placed in nests more rapidly than eggs outside nests, and intact eggs preferred over broken eggs.—F.E.L.

BROWN, R. J., & M. N. BROWN. 1986. **Nest-building behaviour of the Yellow-rumped Thornbill *Acanthiza chrysorrhoa*.** *Australian Bird Watcher* 11: 218–223. (RMB 253, Manjimup, WA 6258, Australia.)—Helpers contribute in this cooperative species, which also builds false nests.—H.A.F.

CAMERINO, M., & R. NOS. 1984. **[The aggressive and amicable behavior of a group of 9 parrot species, in captivity.]** Pp. 195–207 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (French, English summary.)

CORDERO, P. J., & J. D. RODRIGUEZ. 1984. **[Directional distribution of House Sparrows (*Passer domesticus*) at roost.]** Pp. 409–418 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Dept. Zool., Univ. Central, E-08028 Barcelona, Spain.) (French, English summary.)

DI CARLO, E. A. 1984. **[Behavior of the Golden Eagle toward delta planes, gliders, and parachutes.]** *Gli Uccelli d'Italia* 9: 76–77. (v. *Fonte Pescina*, I-02040 Cantalupo Sabino, Italy.)—*Aquila chrysaetos*. (Italian.)

EARLÉ, R. A. 1985. **A description of the social, aggressive and maintenance behaviour of the South African Cliff Swallow *Hirundo spilodera* (Aves: Hirundinidae).** *Navors. Nas. Mus. Bloemfontein* 5: 37–50. (Natl. Mus., Box 266, Bloemfontein 9300, S. Africa.)

EARLÉ, R. A. 1986. **Vocalizations of the South African Cliff Swallow *Hirundo spilodera*.** *S. African J. Zool.* 21: 229–232.—Describes 9 calls of adults and juveniles. Contact calls individually recognizable.—R.A.E.

- EICHINGER, J., & D. J. MORIARITY. 1985. **Movement of Mojave Desert sparrow flocks.** *Wilson Bull.* 97: 511-516. (Biol. Sci. Dept., California State Polytech. Univ., Pomona, CA 91768 USA.)—Resident *Amphispiza bilineata* and wintering *A. belli* and *Zonotrichia leucophrys*.—F.E.L.
- ENA, V., & A. MARTINEZ. 1984. [Communication during the pairing period in male Capercaillie, *Tetrao urogallus cantabricus*.] Pp. 249-256 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autónoma. (Dept. Ecol., Fac. Biol., E-24071 León, Spain.) (French.)
- ENA, V., I. NAVASCUÉS, & A. MARTINEZ. 1984. [Some aspects of communication in the Rook, *Corvus frugilegus*, during the breeding season.] Pp. 257-266 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autónoma. (French.)
- ENS, B. J., & J. D. GOSS-CUSTARD. 1986. **Piping as a display of dominance by wintering Oystercatchers *Haematopus ostralegus*.** *Ibis* 128: 382-391. (Zool. Lab., State Univ. Groningen, Kerklaan 30, 9751 N. N. Haren, Netherlands.)—Role of coloration and displays also studied.—I.C.C.
- FELDSINE, J. W., & L. W. OLIPHANT. 1985. **Breeding behavior of the Merlin: the courtship period.** *Raptor Res.* 19: 60-67. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)
- FICKEN, R. W., J. W. POPP, & P. E. MATTHIAE. 1985. **Avoidance of acoustic interference by Ovenbirds.** *Wilson Bull.* 97: 569-571. (Dept. Biol. Sci., Univ. Wisconsin, Milwaukee, WI 53201 USA.)—*Seiurus aurocapillus*.
- FOLKERS, K. L. 1982. **Host behavioral defenses to cowbird parasitism.** *Kansas Ornithol. Soc. Bull.* 33: 32-34. (Box 173, Armstrong, IA 50514 USA.)—Responses of acceptor and rejector host species to models at nest.—J.L.Z.
- GEARING, G. 1986. **Aerial display of the Black-breasted Buzzard *Hamirostra melanosternon*.** *Australian Bird Watcher* 11: 239-240. (Invicta, Woods Point Rd., E. Warburton, Vic. 3799, Australia.)
- HAILMAN, J. P., & G. E. WOOLFENDEN. 1985. **Nest-defense of the Florida Scrub Jay and the problem of "incubation" by male passerines.** *Wilson Bull.* 97: 370-372. (Dept. Zool., Univ. Wisconsin, Madison, WI 53706 USA.)
- HANSEN, A. J. 1986. **Fighting behavior in Bald Eagles: a test of game theory.** *Ecology* 67: 787-797. (Dept. Bot., Univ. Witwatersrand, Johannesburg 2001, S. Africa.)—Supports predictions of game theory and explains several aspects of *Haliaeetus leucocephalus* foraging behavior.—P.J.D.
- HANSEN, A. J. 1986. **Kleptoparasitism of humans by Yellow Kites.** *Ostrich* 57: 59-60.—*Milvus migrans*.
- HIGUCHI, H. 1986. **Bait-fishing by the Green-backed Heron *Ardeola striata* in Japan.** *Ibis* 128: 285-289. (Lab. Forest Zool., Univ. Tokyo, Tokyo 113, Japan.)—Frequency of use and effectiveness of different baits, general feeding pattern, and comparison between juveniles and adults.—I.C.C.
- HON-TSEN, YU, & LIANG-KONG LIN. 1985. **New record of the group breeding of Formosan Yuhinas.** *J. Taiwan Mus.* 38: 47-48. (Dept. Zool., Natl. Taiwan Univ., Taipei, Taiwan, Republic of China.)—Observed 3 adult *Yuhina brunneiceps* enter an active nest.—F.E.L.
- HORNE, J. F. M., & L. L. SHORT. 1986. **Roosting behaviour of Red-faced Crombec.** *Scopus* 10: 49-51. (Natl. Mus. Kenya, P.O. Box 40658, Nairobi, Kenya.)—*Sylvietta whytii*.
- HUNTER, L. A. 1985. **Kin cannibalism in the Purple Gallinule.** *Wilson Bull.* 97: 560-561. (Dept. Zool., Univ. Montana, Missoula, MT 59812 USA.)—In Costa Rica.—F.E.L.
- JACKSON, H. D. 1985. **Commentary and observations on alleged transportation of eggs and young by caprimulgids.** *Wilson Bull.* 97: 381-385. (Nat. Hist. Mus. Zimbabwe, P.O. Box 240, Bulawayo, Zimbabwe.)—No satisfactory evidence. Accidental transportation occasionally occurs when egg or chick gets stuck to soft ventral plumage of sitting bird.—F.E.L.
- JACKSON, J. A., & B. J. S. JACKSON. 1985. **Interaction between House Sparrows and Common Ground-Doves on Walker's Cay, Bahamas.** *Wilson Bull.* 97: 379-381. (Dept. Biol. Sci., Mississippi State Univ., Mississippi State, MS 39762 USA.)—*Passer domesticus* removed nest material from active *Columbina passerina* nest.—F.E.L.
- JAMES, P. 1985. **Breeding of the Lesser Vasa Parrot *Coracopsis nigra* at Chester Zoo.** *Avicult. Mag.* 91: 189-190. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)
- KILHAM, L. 1985. **Territorial behavior of American Crows.** *Wilson Bull.* 97: 389-390. (Dept. Microbiol., Dartmouth Med. Sch., Hanover, NH 03755 USA.)
- KLEEFISCH, T. 1985. **Some rare insectivorous soft-bills bred in 1984.** *Avicult. Mag.* 91: 204-207. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)—Describes breeding of *Prinia familiaris*, *Orthotomus sutorius*, and *Orthotomus ruficeps*.—A.J.I.
- KURECHI, M., & Y. FUKUDA. 1983. **First observations of copulatory behavior of White-fronted and Bean geese during migration in Japan.** *Tori* 32: 153-154. (Nankodai 5-4-1, Izumi, Miyagi 983, Japan.)—Behaviors described. *Anser albifrons* and *A. fabalis*.—D.W.M.
- LILL, A. 1986. **Time-energy budgets during reproduction and the evolution of single parenting in the Superb Lyrebird.** *Australian J. Zool.* 34: 351-371. (Psychol. Zool. Dept., Monash Univ., Clayton, Vic. 3168, Australia.)—*Memura novaehollandiae* females have relatively low energy expenditures

- during breeding, whereas males allocate much energy to singing.—H.A.F.
- LÖHRL, H. 1985. [Leg retraction to reduce heat loss at low temperatures.] *Vogelwelt* 106: 238–241. (Bei den Eichen 5, D-7271 Egenhausen, FRG.) (German, English summary.)
- MARR, N. V. 1985. Gopher snake preys on Northern Oriole nestlings. *Murrelet* 66: 95–97. (Washington Game Dept., Rte. 1, Box 86-B, Brewster, WA 98812 USA.)—Describes reactions of 9 bird species to *Pituophis melanoleucus*.—J.S.M.
- MATTHEWS, C. W., & R. A. FORDHAM. 1986. Behaviour of Little Pied Cormorant *Phalacrocorax melanoleucus*. *Emu* 86: 118–121. (Dept. Bot. Zool., Massey Univ., Palmerston North, New Zealand.)
- MATTHYSSEN, E., L. KNAEPKENS, & A. A. DHONDT. 1986. [Some observations on the Corsican Nuthatch *Sitta whiteheadi* Sharpe.] *Oriolus* 52: 49–54. (Univ. Antwerpen, Universiteitsplein 1, B-2610 Wilrijk, Belgium.) (Dutch, English summary.)
- MORTON, E. S. 1985. Vocal imitation in a captive Purple Martin. *Wilson Bull.* 97: 392–395. (Nat. Zool. Park, Smithsonian Inst., Washington, DC 20008 USA.)
- NASH, A. D., & S. V. NASH. 1985. An incidence of duetting between an Abbott's Babbler and a Magpie Robin. *Kukila* 2: 66. (World Wildlife Fund, P.O. Box 133, Bogor, Java, Indonesia.)—*Trichastoma abbotti* and *Copsychus saularis*.
- NASH, A. D., & S. V. NASH. 1985. Large Frogmouth *Batrachostomus auritus* mobbed by a Greater Racket-tailed Drongo *Dicrurus paradiseus*. *Kukila* 2: 67.
- PUIGSERVER, M., S. GALLEGÓ, & J. D. RODRIGUEZ. 1984. [Some aspects of territoriality of the Quail, *Coturnix coturnix coturnix*.] Pp. 463–470 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Dept. Zool., Univ. Central, E-08028 Barcelona, Spain.) (French.)
- RIEBESEL-FEDROWITZ, J., & H.-H. BERGMANN. 1984. [A descriptive and comparative analysis of the vocal repertoire of the Shelduck (*Tadorna tadorna*).] *Bonn. Zool. Beitr.* 35: 307–326. (FB Biol., PF 4469, D-4500 Osnabrück, FRG.) (German, English summary.)
- ROBERTSON, A. 1986. Aggression between two raptors: "when" helps to indicate "why." *Bokmakierie* 38: 46–48. (Box 52, Mbabane, Swaziland.)—*Gyps coprotheres* and *Aquila verreauxii*.
- SAHIN, R. 1985. [Egg-laying behavior of the Mikado Pheasant (*Syrnaticus mikado*) in captivity.] *Bonn. Zool. Beitr.* 36: 51–64. (D.Ü. Fen-Edebiyat Fak. Biyoloji Bölümü, Diyabakir, Turkey.) (German, English summary.)
- SCHUCHMANN, K.-L., & G. SCHUCHMANN-WEGERT. 1984. [Notes on the display and mating behavior of the Purple-throated Carib Hummingbird (*Eulampis jugularis*).] *Bonn. Zool. Beitr.* 35: 327–334. (Zool. Forsch. Inst. Mus. A. Koenig, Adenauerallee 150, D-5300 Bonn 1, FRG.) (German, English summary.)
- SENAR, J. C. 1984. [Helpers at the nest in cardueline finches.] Pp. 351–355 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (French.)
- SENAR, J. C. 1985. [Interactional rules in captive Siskins, *Carduelis spinus*.] *Misc. Zool.* 9: 347–360. (Spanish, English summary.)
- SMITH, J. C. 1985. Perching and roosting patterns of raptors on power transmission towers in southeast Idaho and southwest Wyoming. *Raptor Res.* 19: 135–138. (Idaho Power Co., Environ. Affairs Dept., P.O. Box 70, Boise, ID 83707 USA.)—*Buteo jamaicensis* and *Aquila chrysaetos*.
- SMITH, T. R. 1985. Observations of a Tufted Titmouse and a Cattle Egret associating with a black bear. *Wilson Bull.* 97: 395. (Dept. Forestry Wildl. Fish., Univ. Tennessee, P.O. Box 1071, Knoxville, TN 37916 USA.)—In Arkansas, *Parus bicolor* collected hair from back of live and awake, treed *Ursus americanus*, and *Bubulcus ibis* perched on back of bear wading in shallow lake.—F.E.L.
- SNOW, B. K., & D. W. SNOW. 1985. Display and related behavior of male Pin-tailed Manakins. *Wilson Bull.* 97: 273–282. (Dept. Ornithol., Mus. Nat. Hist., Tring, Herts. HP23 6AP, UK.)—*Ilicura militaris*.
- URANO, E. 1985. Polygyny and the breeding success of the Great Reed Warbler *Acrocephalus arundinaceus*. *Res. Pop. Ecol.* 27: 393–412. (Dept. Biol., Osaka City Univ., Sumiyoshi, Osaka 558, Japan.)—Of males, 25% polygynous, but late settlers mostly bachelors. Polygynous males have reduced predation risk.—K.U.
- URIBE, F. 1984. [Morphological aspects of calls in the Spotless Starling, *Sturnus unicolor*, in a Doñana roost.] Pp. 381–391 in *Processus d'acquisition précoce. Les communications* (A. de Haro & X. Espadaler, Eds.). Barcelona, Pub. Univ. Autònoma. (Mus. Zool., Apdo. 594, E-08080 Barcelona, Spain.) (French.)
- VELLENGA, R. 1986. Bower-building behaviour of immature Satin Bowerbirds *Ptilinorhynchus violaceus*. *Australian Bird Watcher* 11: 166–167. (172 Hopetown Village, Castle Hill, NSW 2154, Australia.)—Young males learn to build bowers by watching adults and by making practice bowers, which adult males wreck.—H.A.F.
- WALLIN, L. 1986. Divergent character displacement in the song of two allopecies: the Pied Flycatcher *Ficedula hypoleuca*, and the Collared Flycatcher *Ficedula albicollis*. *Ibis* 128: 251–259. (Dept. Zool., Univ. Uppsala, Box 561, S-75122, Sweden.)
- YAMAGISHI, S., & M. SAITO. 1985. Function of courtship feeding in the Bull-headed Shrike, *Lanius*

- bucephalus**. J. Ethol. 3: 113-121. (Dept. Biol., Osaka City Univ., Sumiyoshi, Osaka 558, Japan.)—Not associated with copulation, but important for breeding females early in season.—K.U.
- YTREBERG, N.-J. 1986. **The behavior of the House Martin *Delichon urbica* and the Barn Swallow *Hirundo rustica* in the incubation period during a spell of adverse weather.** Fauna Norv. Ser. C Cinclus 9: 35-48. (Dept. Biol., Univ. Oslo, P.O. Box 1050, Blindern, N-0316 Oslo, Norway.)
- BIRD PROBLEMS, MANAGEMENT,
AND CONSERVATION**
- AKANDE, M. 1986. **The economic importance and control of vertebrate pests of graminaceous crops with particular reference to rice (*Oryza sativa*) in Nigeria—a review.** Proc. Vert. Pest Conf. 12: 303-306.—Brief review. Includes 11 bird species as pests.—F.E.L.
- ARCAMONE, E., & R. MAINARDI. 1984. [The birds of S. Luce Lake, central Italy.] Quad. Mus. Storia Nat. Livorno 5: 145-162. (Mus. Prov. Storia Nat., Sezione Ornitol., v. Roma 234, 57100 Livorno, Italy.)—Ecological importance of artificial environments for wetland birds. (Italian, English summary.)—I.C.C.
- ARESON, C. W. 1986. **Pest bird control with the avicide BCF 7000—Sun Oil Refining Project, Tulsa, Oklahoma.** Proc. Vert. Pest Conf. 12: 307-311. (Bird Mgmt. Res., Inc., Clinton, IN 47842 USA.)—Effective against large roosts of *Sturnus vulgaris* and *Columba livia*.—F.E.L.
- AVERY, M. L., & R. DEHAVEN. 1984. **Bird damage chronology and feeding behavior in two sunflower fields, Sacramento, California, 1982.** Proc. Vert. Pest Conf. 11: 223-228. (Dept. Wildl. Fish Biol., Univ. California, Davis, CA 95616 USA.)—*Carpodacus mexicanus* more serious pest than *Agelaius phoeniceus* and *Euphaga cyanocephalus*.—F.E.L.
- BOYD, H., & F. G. COOCH. 1986. **Recent changes in sales of Migratory Game Bird Hunting Permits and prospects for the near future.** Can. Wildl. Serv. Prog. Notes 162, 15 pp. (Can. Wildl. Serv., Ottawa, ON K1A 0E7, Can.)—Reports decline in permit sales since 1978, indicating drift away from duck hunting by young Canadians.—J.P.R.
- BRUGGERS, R. L., ET AL. 1984. **Preliminary investigations of the effectiveness of Trimethacarb as a bird repellent in developing countries.** Proc. Vert. Pest Conf. 11: 192-203. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—Spread on broadcast seed or ripening grain in Africa, Bangladesh, Philippines, Haiti, and USA against *Q. quelea*, *Passer domesticus*, *Lonchura* (4 spp.), *Psittacula krameri*, *Columba livia*, mynas (2 spp.), *Ploceus* (2 spp.), *Agelaius phoeniceus*, and *Quiscalus quiscula*.—F.E.L.
- CRABB, A. C., T. P. SALMON, & R. E. MARSH. 1986. **Bird problems in California pistachio production.** Proc. Vert. Pest Conf. 12: 295-302. (Crop. Sci. Dept., California Polytech., San Luis Obispo, CA 93407 USA.)—Caused by *Corvus corax*, *C. brachyrhynchos*, *Aphelocoma coerulescens*, and *Pica nuttalli*. Nothing effective yet in preventing damage that seems to be increasing.—F.E.L.
- CRAVEN, S. R. 1984. **Woodpeckers: a serious suburban problem?** Proc. Vert. Pest Conf. 11: 204-210. (Dept. Wildl. Ecol., Univ. Wisconsin, Madison, WI 53706 USA.)—Survey of damage to homes and buildings by 6 species in United States.—F.E.L.
- CRUZ, F., ET AL. 1986. ***Lantana camara* L.—a threat to Galapagos plants and animals.** Not. Galapagos 43: 10-11. (Est. Darwin, Casilla 58-39, Guayaquil, Ecuador.)—*Lantana* forms dense thickets; threatens nesting *Pterodroma phaeopygia*.—D.C.D.
- CUMMINGS, J. L., C. E. KNITTLE, & J. L. GUARINO. 1986. **Evaluating a pop-up scarecrow coupled with a propane exploder for reducing blackbird damage to ripening sunflower.** Proc. Vert. Pest Conf. 12: 286-291. (Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—Icterids in North Dakota. Only cost-effective in 1.2% of all fields that annually get more than 18% damage.—F.E.L.
- CURRY, R. L. 1986. **Whatever happened to the Floreana Mockingbird?** Not. Galapagos 43: 13-15. (Biol. Sci., Univ. Michigan, Ann Arbor, MI 48109 USA.)—*Nesomimus trifasciatus* exterminated by *R. rattus* on Floreana. Other *Nesomimus* species survived arrival of *Rattus* because already adapted to predation by native rats, absent from Floreana.—D.C.D.
- DANIELL, A., & N. D. MURRAY. 1986. **Effects of inbreeding in the Budgerigar *Melopsittacus undulatus* (Aves: Psittacidae).** Zoo Biol. 5: 223-238. (Dept. Genetics Human Variation, La Trobe Univ., Bundoora, Vic. 3083, Australia.)—Analyses of 2 breeding programs to detect inbreeding effects on fitness characters.—C.E.K.
- ENA, V., & A. MARTINEZ. 1985. [Fertility of the Great Bustard, *Otis tarda*, in Villafafila, Zamora, Spain.] Misc. Zool. 9: 325-329. (Dept. Ecol, Univ. León, E-24071 León, Spain.) (Spanish, English summary.)
- EVRRARD, J. O. 1986. **Loss of nasal saddle on Mallard.** J. Field Ornithol. 57: 170-171. (Wisconsin Dept. Nat. Resources, Box 61, Baldwin, WI 54002 USA.)
- FREDERICK, P. C. 1986. **Parental desertion of nestlings by White Ibis (*Eudocimus albus*) in response to muscle biopsy.** J. Field Ornithol. 57: 168-170. (Dept. Wildl., Univ. Florida, Gainesville, FL 32611 USA.)
- GORENZEL, W. P., D. B. MARCUM, & T. P. SALMON. 1986. **Application of a benefit: cost model to blackbird damage control in wild rice.** Proc. Vert. Pest Conf. 12: 269-274. (Wildl. Ext., Univ. California, Davis, CA 95616 USA.)—Icterids in California.—F.E.L.
- GUARINO, J. L. 1984. **Current status of research on the blackbird-sunflower problem in North Da-**

- kota. Proc. Vert. Pest Conf. 11: 211-217. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—*Agelaius phoeniceus*, *Quiscalus quiscula*, and *X. xanthocephalus*.
- HAARMANN, K. 1985. [Condition and effectiveness of nature reserves in the FRG based on the evaluation of 15 bird sanctuaries.] Vogelwelt 106: 216-224. (BFANL, Konstantinstr. 110, D-5300 Bonn 2, FRG.)—Present monitoring does not permit satisfactory protection. (German.)—H.-H.W.
- KOO, T.-H., & P.-O. WON. 1986. Wintering habitat and conservation of the White-naped Crane, *Grus vipio* Pallas, on the Han-river estuary. Bull. Inst. Ornithol. Kyung Hee Univ. 1: 53-56. (Inst. Ornithol. Kyung Hee Univ., Seoul 131, Korea.)—Biomass of food plants declined seriously 1978-1982. Substitute feeding started 1976.—M.D.F.U.
- LAIDLAW, G. W., JR., ET AL. 1984. Gull exclusion. Proc. Vert. Pest Conf. 11: 180-182. (Pesticides Div., Agr. Canada, Ottawa, ON, Can.)—Overhead wires at 12-m intervals excluded *Larus delawarensis* from garbage disposal site.—F.E.L.
- MARTIN, L. R. 1986. Barn Owls and industry: problems and solutions. Proc. Vert. Pest Conf. 12: 281-285. (Wildl. Control Technol., 6408 S. Fig, Fresno, CA 93706 USA.)—Pellets and droppings of *Tyto alba* sometimes cause damage in large industrial buildings. Birds adapted to sound deterrents and overcame most exclusion techniques. Using varied trapping methods effective.—F.E.L.
- MOTT, D. F. 1984. Research on winter roosting blackbirds and starlings in the southeastern United States. Proc. Vert. Pest Conf. 11: 183-187. (Denver Wildl. Res. Ctr., 344 15 St., Bowling Green, KY 42101 USA.)—Icterids (3 spp.) and *Sturnus vulgaris*; review.—F.E.L.
- RUTTLEDGE, W. 1985. Captive breeding of the European Merlin (*Falco columbarius aesalon*). Raptor Res. 19: 68-78. (10 St. Andrew's Way, Limpsfield Chart, Oxted, Surrey, UK.)
- SCHAFER, E. W., JR., & M. L. ESCHEN. 1986. Laboratory efficacy studies with strychnine baits in pigeons. Proc. Vert. Pest Conf. 12: 275-280. (U.S. Dept. Agr., Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—*Columba livia*. Data indicate 0.4% strychnine bait may be effective substitute for 0.6% bait now used, and would reduce, by half, potential secondary poisoning of predatory and scavenging birds and mammals.—F.E.L.
- TATE, J., JR. 1986. The Blue List for 1986. Amer. Birds 40: 227-236. (2031 Huidekoper Pl., NW, Washington, DC 20007 USA.)—Twelfth installment of Natl. Audubon Soc. "early warning system" for North American birds lists 22 species, 6 of which have been listed every year: *Circus cyaneus*, *Accipiter striatus*, *Buteo lineatus*, *Thryomanes bewickii*, *Lanius ludovicianus*, and *Aimophila aestivalis*.—J.L.T.
- THERRES, D. S., G. J. TAYLOR, & R. R. HELINSKI. 1983 (1986). Immature Bald Eagle rescued in Edgemere, Baltimore County (Maryland). Maryland Birdlife 39: 96-97. (Maryland Forest Park Wildl. Serv., Annapolis, MD 21401 USA.)—Bird hacked in New York, released 7 October 1983, captured 21 October seriously anemic, treated, and released in New York 17 November.—H.B.
- TYZACK, S. M., & O. VOLCERE. 1986. The Roseate Tern *Sterna dougalli* on Aride Island, Seychelles: notes on the 1984 season. Scopus 10: 45-47. (via Praslin, Aride Island, Seychelles.)
- VALLE, C. A. 1986. Status of the Galapagos Penguin and Flightless Cormorant in 1985. Not. Galapagos 43: 16-17. (Estac. Darwin, Casilla 58-39, Guayaquil, Ecuador.)—*Spheniscus mendiculus* and *Nannopterum harrisi* recovering from 1983 El Niño.—D.C.D.
- VOLPERS, M., & R. MÜLLER. 1986. [The importance of farmlands between Düsseldorf and Duisburg for wintering Bean Geese.] Charadrius 22: 1-11. (Bundesstr. 3, D-3470 Höxter 1, FRG.) (German.)
- WAY, V. V. 1984. The white-eyes eradication effort in California. Proc. Vert. Pest Conf. 11: 188-191. (California Dept. Food Agr., 6143 Columbus Ave., Riverside, CA 92504 USA.)—Netting, and later, shooting, at feeding stations in San Diego in early 1980's reduced population of *Zosterops p. palpebrosa* from ca. 100-200 to about 12.—F.E.L.
- WAY, V. V. 1986. Approaches to coot management in California. Proc. Vert. Pest Conf. 12: 292-294.—*Fulica americana* tramples crops (especially rice) and landscaping.—F.E.L.
- WON, P.-O. 1986. [Accidental collisions of birds against electricity wires supported by poles and their preventive measures.] Bull. Inst. Ornithol. Kyung Hee Univ. 1: 69-79. (Inst. Ornithol. Kyung Hee Univ., Seoul 131, Korea.) (Korean, English summary.)
- WON, P.-O., ET AL. 1986. [Bird population wintering on the Han River.] Bull. Inst. Ornithol. Kyung Hee Univ. 1: 81-86.—Important wetland threatened by pollution; wintering area for over 15,000 birds of 20+ species in 1983 and 1984.—M.D.F.U.

DISEASES AND PARASITES

- ADAMS, A. M., & R. L. RAUSCH. 1986. Two new species of *Ascometra* Kholodovskii, 1912 (Cestoda: Paruterinidae), from the Kori Bustard, *Choriotis kori* (Burchell), in Kenya. J. Parasitol. 72: 101-106. (Dept. Pathobiol. SC-38, Univ. Washington, Seattle, WA 98195 USA.)
- ALEXANDER, D. J., & R. E. GOUGH. 1986. Isolations of avian influenza virus from birds in Great Britain. Vet. Rec. 118: 537-538. (Poultry Dept., Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Between January 1982 and July 1985, 12 influenza viruses isolated, all from commercial flocks except 1 feral Mallard.—P.R.H.
- ALEXANDER, D. J., S. A. LISTER, & G. W. C. WILSON. 1986. Avian paramyxovirus type 1 infection of

- racing pigeons: 5. Continued spread in 1984.** Vet. Rec. 118: 424-427. Confirmed in 866 lofts in 1984. Main spread from contacts with infected birds at or traveling to races or shows. Virtually all infections in unvaccinated or inadequately vaccinated birds.—P.R.H.
- ALEXANDER, D. J., ET AL. 1986. **Viruses associated with turkey rhinotracheitis in Great Britain.** Vet. Rec. 118: 217-218.—Reports isolation of several viruses and 6 other embryo lethal agents from *Meleagris gallopavo*.—P.R.H.
- APPLETON, C. C., & R. M. RANDALL. 1986. **Schistosome infection in the Kelp Gull, *Larus dominicanus*, from Port Elizabeth, Republic of South Africa.** J. Helminthol. 60: 143-146. (Dept. Zool., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, S. Africa.)—First record of *Gigantobilharzia* sp. from a South African coastal bird. Histological response to parasite unusually mild.—P.R.H.
- APRIL, M. M., & J. E. PEARSON. 1986. **Experimental infection of rosellas (*Platycercus eximius*) with velogenic viscerotropic Newcastle disease virus (VVNDV).** Avian Dis. 30: 438-440. (Natl. Vet. Serv. Labs., POB 844, Ames, IA 50010 USA.)—Depression and diarrhea resulted by day 3, death by day 6, post inoculation.—C.E.K.
- BAKER, J. R. 1986. **Trichomoniasis, a major cause of vomiting in Budgerigars.** Vet. Rec. 118: 447-449. (Dept. Vet. Pathol., Univ. Liverpool, Vet. Field Sta., Leahurst, Neston, Wirral L64 7TE, UK.)—Describes clinical, pathological, and treatment features.—P.R.H.
- BARNARD, W. H., & R. D. BAIR. 1986. **Prevalence of avian hematozoa in central Vermont.** J. Wildl. Dis. 22: 365-374. (Dept. Biol., Norwich Univ., Northfield, VT 05663 USA.)—Survey of 1,547 birds of 50 species (mostly passerines) for microfilariae and 4 species of blood protozoa. Overall prevalence of infection 42.5%; marked seasonal variation in prevalence and intensity observed.—C.E.K.
- BEVAN, B. J., & C. D. BRACEWELL. 1986. **Chlamydiosis in birds in Great Britain 2. Isolation of *Chlamydia psittaci* from birds sampled between 1976 and 1984.** J. Hyg. 96: 453-458. (MAFF, Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Of 1,531 samples, 200 positive with 70% from parrots. Highest positive reaction (25%) in *Columbiformes* (*Streptopelia decaocto* and *Columba palumbus*).—P.R.H.
- BRACEWELL, C. D., & B. J. BEVAN. 1986. **Chlamydiosis in birds in Great Britain 1. Serological reactions to chlamydia in birds sampled between 1974 and 1983.** J. Hyg. 96: 447-451. (MAFF, Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK.)—Over 6,000 birds sampled. Highest positive reactions in *Columba livia* (47%) and *Streptopelia decaocto* (51%). Moderate incidence in game birds (29%), wild ducks (23.3%), and imported parrots (15.9%). Highest titres from pigeons, doves, and parrots.—P.R.H.
- CARRANZA, J., J. B. PAVEDA, & A. FERNÁNDEZ. 1986. **An outbreak of encephalitis in pigeons (*Columba livia*) in the Canary Islands (Spain).** Avian Dis. 30: 416-420. (Dept. Pathol. Infect., Fac. Vet. Córdoba, Córdoba, Spain.)—Paralysis of extremities, torticollis, head tremor, and diarrhea due, perhaps, to pigeon herpes encephalomyelitis virus.—C.E.K.
- CHMIELEWSKI, W. 1982. **[Mites (Acarina) inhabiting sparrow (*Passer domesticus* L.) nests.]** Wiad. Parazytol. 28: 105-107. (Inst. Ochrony Roslin, Miczurina 20, 60-318 Poznan, Poland.)—From 130 nests at 16 sites in Poland; 100% of nests infested by mites, *Dermatophagoides* 91.5%, *Cheyletus eruditus* 55.5%, *Dermanyssus gallinae* 41.5%, total 30 species. (Polish, English summary.)—J.P.
- CLARK, F. D., L. P. JONES, & B. PANIGRAHY. 1986. **Mycetoma in a Grand Eclectus (*Eclectus roratus roratus*) Parrot.** Avian Dis. 30: 441-443. (Dept. Vet. Microbiol. Parasitol., Texas A&M Univ., College Station, TX 77843 USA.)—Fungi (*Curvularia geniculata*) isolated from lung and brain of pet bird with neurologic signs.—C.E.K.
- COOPER, J. E., & N. A. FORBES. 1986. **Studies on morbidity and mortality in the Merlin (*Falco columbarius*).** Vet. Rec. 118: 232-235. (Dept. Pathol., Roy. Coll. Surgeons, 35-43 Lincoln's Inn Fields, London WC2A 3PN, UK.)—Postmortem analyses (33 captives, 2 wild birds); main causes of death fatty liver-kidney syndrome, enteritis/proventriculitis, coccidiosis, and septicaemia. Findings included parasites and nonfatal lesions.—P.R.H.
- DATURI, A. 1986. **A preliminary study of tick populations in Jackass Penguin nests on Marcus Island, South Africa.** Ostrich 57: 95-100. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—*Spheniscus demersus* nests (136) sampled for *Ornithodoros capensis* ticks.—R.A.E.
- DOCHERTY, D. E., & R. I. R. LONG. 1986. **Isolation of a poxvirus from a House Finch, *Carpodacus mexicanus* (Müller).** J. Wildl. Dis. 22: 420-422. (Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711 USA.)—Lesions on beak and legs of birds found dead in Idaho.—C.E.K.
- DODDS, N. R. H. 1986. **Worming birds.** Vet. Rec. 118: 311. (150 Kingston Rd., Ewell, Surrey, UK.)
- DREW, M. L., & T. J. KREEGER. 1986. **Skeletal abnormalities in wings of free-flying juvenile White Pelicans (*Pelecanus erythrorhynchus*) in Minnesota.** J. Wildl. Dis. 22: 447-449. (Coll. Vet. Med., Univ. Minnesota, St. Paul, MN 55108 USA.)
- ESTRADA-PENA, A., ET AL. 1985. **[Unexpected parasitism of *Haemaphysalis (Rhipistoma) hispanica* Gil Collado (Acari: Ixodoidea) from *Aquila chrysaetos*.]** Rev. Iber. Parasitol. 45: 379-380. (Catedra Parasitol. Enfermedades Parasitarias, Fac. Vet., Zaragoza, Spain.) (Spanish.)
- FEILER, K. 1986. **[Trematodes in *Chionis alba* and**

- Larus dominicanus* from the South Shetland Islands (Antarctica).]** *Angew. Parasitol.* 27: 23-33. (German.)
- FRAZIER, J. A., H. FARMER, & M. F. MARTLAND. 1986. **Enteric virus-like particles associated with a stunting syndrome of chickens.** *Vet. Rec.* 118: 303-304. (Houghton Poultry Res. Sta., Houghton, Huntingdon, Cambs. PE17 2DA, UK.)—*G. gallus*.
- FUKATA, T., ET AL. 1986. **Isolation of Clostridia, Salmonellae and Coccidia from wild pigeons in Japan.** *Brit. Vet. J.* 142: 291-293. (Dept. Vet. Med., Univ. Osaka Prefecture, Sakai, Osaka 591, Japan.)—*Columba livia*.
- GEORGI, M. E., M. S. CARLISLE, & L. E. SMILEY. 1986. **Giardiasis in a Great Blue Heron (*Ardea herodias*) in New York state: another potential source of waterborne giardiasis.** *Amer. J. Epidemiol.* 123: 916-917. (Diagnostic Lab., New York State Coll. Vet. Med., Ithaca, NY 14853 USA.)
- HAAS, G. E., & N. WILSON. 1984. **Fleas (Siphonaptera) from nests of woodpeckers in Alaska.** *J. New York Entomol. Soc.* 92: 125-130. (557 California St., No. 7, Boulder City, NV 89005 USA.)
- HERNANDEZ-RODRIGUEZ, S., P. GUTIERREZ-PALOMINO, & F. MARTINEZ-GOMEZ. 1986. [***Aprocta intraorbitalis* n. sp. (Nematoda, Aprocotoidea) parasite of the Azure-winged Magpie, *Cynopica cyanus* (Passeriformes, Corvidae).**] *Ann. Parasitol. Hum. Comp.* 61: 65-69. (Dept. Parasitol., Univ. Córdoba, 14071 Córdoba, Spain.) (French, English summary.)
- HOBERG, E. P. 1986. **Aspects of ecology and biogeography of Acanthocephala in Antarctic seabirds.** *Ann. Parasitol. Hum. Comp.* 60: 199-214. (Dept. Pathobiol. SC-38, Univ. Washington, Seattle, WA 98195 USA.)—Records 4 species from seabirds, nototheniid fishes, and gammaridean amphipods. Gives complete life cycle of *Corynosoma hamanni*, parasite of *Phalacrocorax atriceps*, *Chionis alba*, *Larus dominicanus*, and *Catharacta lonnbergi*.—P.R.H.
- HOPLA, C. E., & J. E. LOYE. 1983. **Ectoparasites and microorganisms associated with the Cliff Swallow in west-central Oklahoma. I. Ticks and fleas.** *Bull. Soc. Vector Ecol.* 8: 111-121. (Dept. Zool., Univ. Oklahoma, Norman, OK 73019 USA.)
- ISLAM, K. S., & D. B. COPEMAN. 1986. **The morphology and life-cycle of *Trichobilharzia parocellata* (Johnston & Simpson, 1939) Islam & Copeman, 1980 from visceral blood vessels of Australian anatids.** *Syst. Parasitol.* 8: 39-49. (Dept. Med., Bangladesh Agr. Univ., Mymensingh, Bangladesh.)—From *Anas gibberifrons* and *A. superciliosa*.—P.R.H.
- KACZMAREK, S. 1981. [**Insecta from bird nests of Slowinski National Park.**] *Slupskie Prace Mat. Przyr.* 1: 267-281. (Zaklad Zool. WSN, Arciszewskiego 22a, 76-200 Slupsk, Poland.)—Analyzed 44 nests of 6 species (*Parus* sp., *Sturnus vulgaris*, *Hirundo rustica*, *Delichon urbica*). Found 42 species of insects; most common *Ceratophyllus gallinae* and *C. hirundinis*. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1982. [**Ectoparasites from the nests of the swallows *Hirundo rustica* L. and *Delichon urbica* L.**] *Wiad. Parazytol.* 28: 169-171.—In 1976-1979, 191 nests of *H. rustica* and 43 nests of *D. urbica* collected in N. Poland; 9,785 ectoparasites of 8 species found; 56.4% Acarina and 33.1% Siphonaptera. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1982. [**Ectoparasites of birds in northern Poland.**] *Wiad. Parazytol.* 28: 449-463.—Nests of 17 species collected from nest boxes, natural holes, and above ground. Highest mean number of parasites/nest recorded in nest boxes and natural holes in August. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1983. [**Arthropods from bird nests on Mecsek Mountain (Hungary).**] *Slupskie Prace Mat.-Przyr.* 4: 171-187.—Analyzed 23 nests of 6 bird species. Found 719 adults and 1,550 larvae of 26 species; fleas most common. (Polish, English summary.)—J.P.
- KACZMAREK, S. 1984. [**Arthropods from bird nests on Mecsek Mountain (Hungary).**] *Slupskie Prace Mat. Przyr.* 3: 219-232.—Arthropods from 20 nests from nest boxes analyzed. *Ceratophyllus pullatus* most numerous (Polish, English summary.)—J.P.
- KIRKPATRICK, C. E., & B. A. COLVIN. 1986. ***Salmonella* spp. in nestling Common Barn-Owls (*Tyto alba*) from southwestern New Jersey.** *J. Wildl. Dis.* 22: 340-343. (Dept. Vet. Pathobiol., Univ. Illinois, Urbana, IL 61801 USA.)—Of 94 owls sampled by cloacal swabbing, 8 (8.5%) positive; 5 of 25 nest sites had positive owls.—C.E.K.
- KISZEWSKI, A. E., & E. W. CUPP. 1986. **Transmission of *Leucocytozoon smithi* (Sporozoa: Leucocytozoidae) by black flies (Diptera: Simuliidae) in New York, U.S.A.** *J. Med. Entomol.* 23: 256-262. (Dept. Entomol., Cornell Univ., Ithaca, NY 14853 USA.)—Complete transmission of blood protozoan parasite of birds accomplished in the laboratory.—C.E.K.
- KOLAROVA, L. 1986. **Mouse (*Mus musculus*) as intermediate host of *Sarcocystis* sp. from the Goshawk (*Accipiter gentilis*).** *Folia Parasitol.* 33: 15-19. (Prirovededevka fakulta KU, Vinicna 7, 12844 Praha 2, Czechoslovakia.)—Sporocysts from Goshawks experimentally transferred to mice, where they developed.—P.R.H.
- LEY, D. H. 1986. **Nitrite poisoning in Herring Gulls (*Larus argentatus*) and Ring-billed Gulls (*Larus delawarensis*).** *J. Wildl. Dis.* 22: 381-384. (Dept. Food Anim. Equine Med., Sch. Vet. Med., North Carolina State Univ., Raleigh, NC 27606 USA.)—Nitrite from fertilizer-manufacturing waste in North Carolina.—C.E.K.
- LISTER, S. A., D. J. ALEXANDER, & R. A. HOGG. 1986. **Evidence for the presence of avian paramyxovirus type 1 in feral pigeons in England and Wales.**

- Vet. Rec. 118: 476-479. (Poultry Dept., Central Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, UK).—Feral pigeons from 6 sites in England had evidence of A/PMV-1.—P.R.H.
- LONC, E., & J. KOPCZYNSKA-MASLEJ. 1986. [The infestation of domestic pigeons by biting lice in Wroclaw urban population — summer 1983.] *Wiad. Parazytol.* 32: 79-81. (Zaklad Parazytol. Ogolnej, Inst. Mikrobiol., Univ. Wroclawski, Przybyszewskiego 63, 54-148 Wroclaw, Poland.)—Examination of 30 *Columba livia*. (Polish, English summary.)—J.P.
- LOYE, J. E. 1985. Host-effects on feeding and survival of the polyphagous Cliff Swallow bug, *Oeciocacus vicarius* (Hemiptera: Cimicidae). *Bull. Soc. Vector Ecol.* 10: 7-13. (Dept. Biol., Univ. Utah, Salt Lake City, UT 84112 USA.)
- LOYE, J. E., & C. E. HOPLA. 1983. Ectoparasites and microorganisms associated with the Cliff Swallow in west-central Oklahoma. II. Life-history patterns. *Bull. Soc. Vector Ecol.* 8: 79-84.
- LUDWIG, G. V., ET AL. 1986. Viremic enhancement due to transovarially acquired antibodies to St. Louis encephalitis virus in birds. *J. Wildl. Dis.* 22: 326-334. (Dept. Vet. Sci., Univ. Wisconsin, Madison, WI 53706 USA.)—Nestlings of SLE-infected *Passer domesticus* females may show augmented SLE viremias and prolonged duration of infection after challenge. Measured passive transfer of maternal antibody to offspring.—C.E.K.
- MCDUGALL, J. S., & J. K. A. COOK. 1986. Turkey rhinotracheitis: preliminary investigations. *Vet. Rec.* 118: 206-207. (Houghton Poultry Res. Sta., Huntingdon, Cambs. PE17 2DA, UK.)—Suspect viral agent in *Meleagris gallopavo* isolated but not yet characterized.—P.R.H.
- MCFARLAND, D. C. 1986. Presence of ticks on the heads of honeyeaters in New England National Park. *Corella* 10: 25-28. (Dept. Zool., Univ. New England, Armidale, NSW 2351, Australia.)—Most infected birds caught in winter, possibly picked up ticks from *Banksia* flowers.—H.A.F.
- MODRZEJEWSKA, M. 1982. [Biting lice of Pheasant (*Phasianus colchicus* L.) in Lower Silesia.] *Wiad. Parazytol.* 28: 175-176. (Dept. Gen. Parasitol., Microbiol. Inst., Univ. Wroclaw, Przybyszewskiego 63/67, 51-148 Wroclaw, Poland.)—Biting lice (4,474) found on 117 birds in autumn and winter; 90.6% of birds infested. (Polish, English summary.)—J.P.
- MORII, T., ET AL. 1986. Observations on the Taiwanese strain of *Leucocytozoon caulleryi* (Haemosporina) in chickens. *J. Protozool.* 33: 231-234. (Dept. Parasitol., Kyorin Univ. Sch. Med., Mitaka, Tokyo 181, Japan.)—Strain established in chickens and vector-biting midges in laboratory. Showed high pathogenicity; mortality increased with number of sporozoites inoculated.—P.R.H.
- MUSTAFAJEVA, Z., A. HADJIYEV, & T. DUBOVCHENKO. 1982. The ectoparasites of birds and their epidemiological role in Azerbaijan. *Wiad. Parazytol.* 28: 177-178. (Inst. Zool. Azerbaijan, Krylova str. 5, 370073 Baku, Azerbaijan, USSR.)—Birds vectors of 50+ viral, rickettsial, and bacterial diseases common to man. Some vectors ectoparasites. More than 100 species of parasitic mites and insects revealed in birds during 1968-1979.—J.P.
- OKULEWICZ, A. 1982. [Threadworms of Muscicapidae in Lower Silesia.] *Wiad. Parazytol.* 28: 477-482. (Dept. Gen. Parasitol., Inst. Microbiol., Univ. Wroclaw, Przybyszewskiego 63, 51-148 Wroclaw, Poland.)—Over 100 birds dissected. *Diplotriaena trideus* new species for Poland. (Polish, English summary.)—J.P.
- OKULEWICZ, A. 1982. [*Thominx tridens* (Capillariidae, Nematoda) in Nightingale *Luscinia megarynchos* (Turridae) in Poland.] *Wiad. Parazytol.* 28: 483-487. (Polish, English summary.)
- OKULEWICZ, J. 1982. [Bird trematodes of Lower Silesia. I. First record of Blackbird (*Turdus merula* L.) pancreas parasite *Euamphimerus pancreaticus* Baer, 1960 (Opisthorchiidae, Trematoda) in Poland with some remarks on systematic position of other species of the genus *Euamphimerus yamaguti*, 1941.] *Wiad. Parazytol.* 28: 465-475. (Zaklad Biol. Oglnej, Inst. Biostruktury A.M., O. Bujwida 9, 50-368 Wroclaw, Poland.) (Polish, English summary.)—J.P.
- PARENTI, E., ET AL. 1986. Spontaneous toxoplasmosis in canaries (*Serinus canaria*) and other small passerine cage birds. *Avian Pathol.* 15: 183-197. (Inst. Zooprofilattico Sperimentale Venezia, Sezione Vicenza, Viale Fiume 66, 36100 Vicenza, Italy.)—Clinical signs included anorexia, prostration, weight loss, diarrhea, and dyspnea, accompanied by high mortality rate. Other affected birds in aviary *Carduelis* spp. and *P. pyrrhula*.—C.E.K.
- QUENTIN, J. C., C. SEUREAU, & S. D. KULO. 1986. [Life cycle of *Tetrameres (Microtetrameres) inermis* (Linstow, 1879), a tetramid nematode parasite of the weaver *Ploceus aurantius* in Togo.] *Ann. Parasitol. Hum. Comp.* 61: 321-332. (Lab. Ecol. Anim. Zool., Univ. d'Orleans, F-45046 Orleans, France.) (French, English summary.)
- RAMSAY, E. C., & B. M. BAUMEISTER. 1986. Isolation of *Erysipelothrix rhusiopathiae* from lesions of distal extremity necrosis in a captive King Vulture. *J. Wildl. Dis.* 22: 430-431. (Oklahoma City Zoo, Oklahoma City, OK 73111 USA.)
- RANDALL, C. J. 1986. Conjunctivitis in pheasants associated with cryptosporidial infection. *Vet. Rec.* 118: 211-212. (MAFF, Vet. Lab., Eskgrove, Lasswade, Midlothian, UK.)
- RANDALL, C. J., ET AL. 1986. Microsporidian infection in lovebirds (*Agapornis* spp.). *Avian Pathol.* 15: 223-231. (Ministry Agr. Fish. Food, Vet. Lab., Eskgrove, Lasswade, Midlothian, UK.)—Large, sudden die-off of captive *A. personata* and *A. fisch-*

- eri. Protozoan parasites found in kidney, liver, and small intestine.—C.E.K.
- ROSSKOPF, W. J., R. W. WOERPEL, & R. A. LANE. 1986. **Epilepsy in Red-loreed Amazons (*Amazona autumnalis*)**. AFA Watchbird 13(3): 50-51. (Anim. Med. Ctr. Lawndale, Hawthorne, CA 90250 USA.)—Apparently a syndrome of captives of this species, for epilepsy rare in other captive birds.—F.E.L.
- SAIK, J. E., ET AL. 1986. **Pigeon herpes virus: inclusion body hepatitis in a free-ranging pigeon**. Avian Dis. 30: 426-429. (Dept. Pathol., Sch. Vet. Med., Univ. Pennsylvania, Philadelphia, PA 19104 USA.)—Presenting signs: cachexia, depression, and diarrhea.—C.E.K.
- SCHMIDT, R. E., G. B. HUBBARD, & K. C. FLETCHER. 1986. **Systematic survey of lesions from animals in a zoologic collection: I. Central nervous system; II. Cardiovascular system; III. Respiratory system; IV. Endocrine glands; V. Reproductive system and mammary gland; VI. Special sense organs; VII. Musculoskeletal system**. J. Zoo Anim. Med. 17: 8-41. (California Vet. Diagnostics, 3911 W. Capital Ave., W. Sacramento, CA 95691 USA.)—Review of necropsies done on animals (including birds) over 14 yr at San Antonio, Texas, zoo.—C.E.K.
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- SWARBRICK, O. 1986. **Disease and mortality of undetermined origin in pheasant poults**. Vet. Rec. 118: 538-539. (The Cricket Field, Denmans La., Fontwell, Arundel, Sussex BN18 0SU, UK.)—Possible viral disease of sudden onset and high mortality rate.—P.R.H.
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- RIDPATH, M. G., & M. G. BROOKER. 1986. **Age, movements, and the management of the Wedge-tailed Eagle, *Aquila audax*, in arid Western Australia.** *Australian Wildl. Res.* 13: 245-260. (CSIRO, LMB No. 4, Midland, WA 6056, Australia.)—Breeding birds probably sedentary, immatures disperse up to 784 km, and often killed by man. Population probably stable at present, but increased killing rates and habitat clearance may be serious threat.—H.A.F.
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- on islands of intermediate size. Small islands subject to inundation, and colonies on large islands may be more susceptible to predation.—F.E.L.
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EVOLUTION AND GENETICS

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FEEDING BEHAVIOR AND DIET

- ARNBOM, T. 1985. **Birds feeding in association with orcas.** *Osprey* 16: 162-163.—In Norway.—F.E.L.
- BARBER, J. C., & M. M. BARBER. 1983 (1986). **Prey of an urban Peregrine Falcon.** *Maryland Birdlife* 39: 108-110. (803 Glen Allen Dr., Baltimore, MD 21229 USA.)—Three-year count of catches by female nesting on Baltimore skyscraper: 277 *Columba livia*, 26 birds of 11 other species, 1 bat.—M.B.
- BAYER, R. D. 1985. **Interactions between Great Blue Herons and gulls.** *Wilson Bull.* 97: 538-541. (P.O. Box 1467, Newport, OR 97365 USA.)—On the mid-coast of Oregon.—F.E.L.
- BECKWITH, R. C., & E. L. BULL. 1985. **Scat analysis of the arthropod component of Pileated Woodpecker diet.** *Murrelet* 66: 90-92. (Pacific NW Forest Range Exp. Sta., LaGrande, OR 97850 USA.)—Mostly *Camponotus* ants.—J.S.M.
- BELL, H. L. 1986. **Sexual differences in the behaviour of wintering Golden Whistlers *Pachycephala pectoralis* at Wollomombi N.S.W.** *Emu* 86: 2-11. (Dept. Zool., Univ. New England, Armidale, NSW 2351, Australia.)—Males forage higher than females and snatch more, whereas females glean more. Suggests difference reduces intraspecific competition.—H.A.F.
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- eastern New Mexico. *Southwestern Natur.* 31: 33-38. (Dept. Biol., Univ. New Mexico, Albuquerque, NM 87131 USA.)—Prairie sunflowers dominant food; foods not taken in proportion to plant densities.—J.J.D.
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- BOYCE, D. A., JR. 1985. **Prairie Falcon prey in the Mojave Desert, California.** *Raptor Res.* 19: 128-134. (Zool. Dept., Brigham Young Univ., Provo, UT 84602 USA.)—Prey remains and pellets from 19 eyries; 25 bird, 9 mammal, 5 reptile, and 1 insect species. Mean prey mass 107 g, 20% of male falcon mass.—J.A.S.
- BUCHSBAUM, R., J. WILSON, & I. VALIELA. 1986. **Digestibility of plant constituents by Canada Geese and Atlantic Brant.** *Ecology* 67: 386-393. (Boston Univ. Marine Prog., Woods Hole, MA 02543 USA.)
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- COATE, K. 1985. **Black Honeyeaters feeding on ash.** *W. Australian Natur.* 16: 51-52. (21 Acanthus Rd., Willetton, WA 6155, Australia.)—*Certhionyx niger*.
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- ERNST, S. 1986. **[The food of the Redpoll, *Carduelis flammea*.]** *Falke* 33: 28-29. (Aschbergstr. 24, 20-23, DDR-9653 Klingenthal 3, GDR.)—Table of plants, from observations. (German.)—H.-H.W.
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- GARSTONE, R. 1986. **Little Eagle *Hieraetus morphnoides* takes Banded Fruit Dove *Ptilinopus cinc-***
- tus.** *Australian Bird Watcher* 11: 242-243. (Wood-anilling, WA 6316, Australia.)
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- GOODMAN, S. M. 1986. **The prey of Barn Owls (*Tyto alba*) inhabiting the ancient temple complex of Karnak, Egypt.** *Ostrich* 57: 109-112. (Mus. Zool., Univ. Michigan, Ann Arbor, MI 48109 USA.)
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- GRÜNWARD, H. 1986. **[On the prey of the Great Grey Shrike (*Lanius excubitor*) during summer in the Sauerland Mts., Westphalia, FRG.]** *Charadrius* 22: 16-22. (Regerstr. 18, D-5750 Menden 2, FRG.)—Bees, beetles, *Triturus alpestris*, and mice. (German.)—H.-H.W.
- GWINNER, E. 1986. **Sting-removal from bees by White-eyed Slaty Flycatchers *Melaenornis chocolatina*.** *Scopus* 10: 51-52. (Max-Planck Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-8138 Andechs, FRG.)
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- HOBBS, J. N. 1986. **Gyrating as a feeding method of the Australian Magpie-lark *Grallina cyanoleuca*.** *Australian Bird Watcher* 11: 238-239.
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- HULL, C. 1986. **The diet of the Wedge-tailed Eagle, *Aquila audax*, breeding near Melbourne.** *Corella* 10: 21-24. (Dept. Zool., Monash Univ., Clayton, Vic. 3168, Australia.)—Chiefly rabbits and opossums (*Pseudocheirus*).—H.A.F.
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- pan.)—Compared with earlier study in different habitat; food same: carpenter ants.—D.W.M.
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- MOSER, M. E. 1986. **Prey profitability for adult Grey Herons *Ardea cinerea* and the constraints on prey size when feeding young nestlings.** *Ibis* 128: 392–405. (BTO, Tring, Herts. HP23 5NR, UK.)
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- PRESCOTT, K. W. 1985. **Eastern Screech-Owl captures goldfish in patio pond.** *Wilson Bull.* 97: 572–573. (Dept. Art, Univ. Texas, Austin, TX 78712 USA.)
- ROBINSON, S. K. 1986. **Three-speed foraging during the breeding cycle of Yellow-rumped Caciques (Icterinae: *Cacicus cela*).** *Ecology* 67: 394–405. (Illinois Nat. Hist. Survey, 607 E. Peabody Dr., Champaign, IL 61820 USA.)—Suggests females with few constraints minimize exposure to predators, while energetically constrained females maximize rate of energy intake.—P.J.D.
- RUTLEDGE, B. A. 1986. **Mackinder's Eagle Owl feeding on bats.** *Scopus* 10: 49. (Baltimore Zoo, Baltimore, MD 21217 USA.)—*Bubo capensis mackinderi*.
- SAITO, S. 1983. **[Caching of Japanese stone pine seeds by Nutcrackers at the Shiretoko Peninsula, Hokkaido.]** *Tori* 32: 13–20. (Hokkaido Forest Exp. Sta., Kôshunai, Bibai, Hokkaido 079-01, Japan.)—*Nucifraga caryocatactes* chief dispersal agent of *Pinus pumilla* on new, bare slopes. Cache distribution shown. Discusses other seeds cached; 3 mammalian dispersers. (Japanese, English summary.)—D.W.M.
- SCHRAMM, M. 1986. **The diet of Great-winged, Kerguelen and Soft-plumaged petrels at the Prince Edward Islands.** *Ostrich* 57: 9–15. (P. Bag X5092, Umtata, Transkei, S. Africa.)—Islands midway between S. Africa and Antarctica. Stomach contents analyzed. Discusses bioluminescence of prey items and interspecific competition.—J.J.H.
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- SCHULTZ, M. 1986. **Straw-necked Ibis taking a western brown snake.** *Australian Bird Watcher* 11: 211.—*Threskiornis spinicollis* taking *Pseudonaja nuchalis*.—H.A.F.
- SMITH, K. G. 1986. **Downy Woodpeckers feeding on mud-dauber wasp nests.** *Southwestern Natur.* 31: 134. (Dept. Zool., Univ. Arkansas, Fayetteville, AR 72701 USA.)
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- TANIGUCHI, K. 1983. **[Food remains of the Brown Hawk Owl (*Ninox scutulata*) from the breeding season.]** *Tori* 32: 145–152. (Edagari 66, Kanzaki-cho, Saga Pref. 842, Japan.)—Primarily insects; birds early in season when insects scarce. (Japanese, English summary.)—D.W.M.
- TOLAND, B. 1985. **Northern Harrier predation on Greater Prairie Chickens in southwest Missouri.** *Raptor Res.* 19: 146–148. (Rte. 4, Box 165, Columbia,

- MO 65201 USA.)—Prey remains and pellets at 7 *Circus cyaneus* nests.—J.A.S.
- TORRES, J. A., & R. ARENAS. 1985. [New data about the diet of the White-headed Duck, *Oxyura leucocephala*.] *Ardeola* 32: 127–131. (Dept. Zool., E-14071 Córdoba, Spain.) (Spanish, English summary.)
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- GENERAL BIOLOGY—GENERAL**
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- BRICKELL, N. 1985. The feeding and breeding of three Southern African serins in captivity and in the wild. *Avicult. Mag.* 91: 217–221.—*Serinus albogularis*, *S. sulphuratus*, and *S. flaviventris*.
- BRICKELL, N. 1985. The Sweet Waxbills. *Avicult. Mag.* 91: 222–224.—Describes physical appearances, distributions, diets, and breeding activities of *Estrilda m. melanotis*, *E. m. quartinia*, and *E. m. kilimensis*.—A.J.I.
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- CLARKE, G. 1986. Notes on the Speckled Pigeon *Columba guinea* in NW Somalia. *Scopus* 10: 47–49. (Juniper Ho., 2 Bellingham Rd., Kendall LA9 5JW, UK.)—Status and flock movements.—M.G.K.
- CLARKE, G. 1986. A weaver roost at Hargeisa, Somalia. *Scopus* 10: 51–54.—*Ploceus galbula*, *P. intermedius*, *P. rubiginosus*, *P. velatus*, and *Q. quelea*.
- CRAWFORD, R. J. M., ET AL. 1985. Partitioning of a goby resource amongst four avian predators and evidence for altered trophic flow in the pelagic community of an intense, perennial upwelling system. *S. African J. Mar. Sci.* 3: 215–228. (Sea Fish. Res. Inst., Priv. Bag X2, Rogge Bay 8012, S. Africa.)—Post-hoc explanation of changes in seabird numbers off central Namibia. Collapse of overfished pilchard *Sardinops ocellata* stock led to replacement by a goby *Sufflogobius bibarbus*, unexploited by fishermen, and increase in diving seabirds (*Spheniscus demersus*, *Phalacrocorax capensis*, *P. neglectus*) but not in plunging species (*Morus capensis*), which could not reach depths where large goby occur.—D.C.D.
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- EARLÉ, R. A. 1985. The nest of the South African Cliff Swallow *Hirundo spilodera* (Aves: Hirundinidae). *Navors. Nas. Mus. Bloemfontein* 5: 21–36.
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- JENSEN, F. P., S. BROGGER-JENSEN, & G. PETERSEN. 1985. The White-chested Alethe *Aethe fuelleborni* in Tanzania. *Scopus* 9: 127–132. (Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen, Denmark.)
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- GRESS, B. 1985. **House Sparrow found feeding Western Kingbird nestlings.** Kansas Ornithol. Soc. Bull. 36: 25-26. (Wichita Park Board, 455 N. Main, Wichita, KS 67202 USA.)
- GUTIÉRREZ, R. J. 1986. **A review of the recent research on the Northern Spotted Owl.** Oregon Birds 12: 105-117. (Dept. Wildl., Humboldt State Univ., Arcata, CA 95521 USA.)—*Strix occidentalis caurinus* increases home range in winter, needs old-growth forests for thermoregulation in summer, and may breed in years when larger prey either more abundant or more available.—O.L.S.

A Special Publication

- GUTIÉRREZ, R. J., & A. B. CAREY (Eds.). 1985. **Ecology and management of the Spotted Owl in the Pacific northwest.** U.S. Forest Serv. Genl. Tech. Rept. PNW-185, 119 pp. (Available from Pacific NW Forest Range Exp. Sta., P.O. Box 3890, Portland, OR 97208 USA.)—*Strix occidentalis*. Nineteen papers, some given at Cooper Ornithol. Soc. meeting, 19-23 June 1984, Arcata, California, on management plans of various states and agencies and reports of recent research; 10 listed below.—F.E.L.
- ALLEN, H. L., & L. W. BREWER. **A review of current Northern Spotted Owl (*Strix occidentalis caurina*) research in Washington state.** Pp. 55-57. (Washington Dept. Game, Olympia, WA 98504 USA.)—Preliminary results of population and habitat studies.—F.E.L.
- BARROWCLOUGH, G. F., & S. L. COATES. **The demography and population genetics of owls, with special reference to the conservation of the Spotted Owl (*Strix occidentalis*).** Pp. 74-85. (Dept. Ornithol., Amer. Mus. Nat. Hist., New York, NY 10024 USA.)—Summarizes patterns for *Tyto alba*, *Otus asio*, *B. bubo*, *B. virginianus*, and *Strix aluco*.—F.E.L.
- BARROWS, C. W. **Breeding success relative to fluctuations in diet for Spotted Owls in California.** Pp. 50-54. (42101 Wilderness Rd., Branscomb, CA 95417 USA.)—Based on analysis of pellets at 2 nests for 5 yr. Availability of large rodents such as *Neotoma fuscipes* and *Glaucomys sabrinus* seems important for breeding success.—F.E.L.
- CAREY, A. B. **A summary of the scientific basis for Spotted Owl management.** Pp. 100-114. (Pacific NW Forest Range Exp. Sta., 3625 93rd St., Olympia, WA 98502 USA.)
- FORSMAN, E. D., & E. C. MESLOW. **Old-growth forest retention for Spotted Owls—how much do**

- they need?** Pp. 58-59. (580 SE Corliss Ave., Corvallis, OR 97333 USA.)—Radiotelemetry study of 6 pairs for 3-13 months. Pairs used 1,008-3,786 (\bar{x} = 2,264) acres of old growth.—F.E.L.
- GOULD, G. I., JR. **Management of Spotted Owls by the California Department of Fish and Game.** Pp. 21-26. (California Dept. Fish Game, Sacramento, CA 95814 USA.)—In 1984, 1,317 territories known for state. Gives totals by county.—F.E.L.
- GUTIÉRREZ, R. J. **An overview of recent research on the Spotted Owl.** Pp. 39-49. (Dept. Wildl. Mgmt., Humboldt State Univ., Arcata, CA 95521 USA.)—Comprehensive review.—F.E.L.
- GUTIÉRREZ, R. J., ET AL. **Juvenile Spotted Owl dispersal in northwestern California: preliminary results.** Pp. 60-65.—Dispersal distances for 11 radio-marked juveniles 30-156 km (\bar{x} = 78).—F.E.L.
- LAYMON, S. A. **General habitats and movements of Spotted Owls in the Sierra Nevada (central California).** Pp. 66-68. (Dept. Forestry, Univ. California, Berkeley, CA 94720 USA.)—Brief summary of 3-yr study of 25 radio-marked adults and juveniles. Documents downslope migration to wintering areas in foothills.—F.E.L.
- MILLER, G. S., & E. C. MESLOW. **Dispersal data for juvenile Spotted Owls: the problem of small sample size.** Pp. 69-73. (Coop. Wildl. Res. Unit., Oregon State Univ., Corvallis, OR 97331 USA.)
- HAMAS, M. J., & W. D. GRAUL. 1986. **A four-egg clutch of the Mountain Plover.** *Wilson Bull.* 97: 388-389. (Dept. Biol., Central Michigan Univ., Mt. Pleasant, MI 48859 USA.)—One egg smaller and different in color and markings, raising possibility of 2 females laying in same nest.—F.E.L.
- HANSEN, S. C. 1984. **Breeding of the Least Bittern in Pottawatomie County, Kansas.** *Kansas Ornithol. Soc. Bull.* 35: 37-39. (Dept. Computer Sci., Kansas State Univ., Manhattan, KS 66506 USA.)—One-season study of 5 nests with nestling growth data on 2 nests.—J.L.Z.
- HAYWARD, G. 1986. **Activity pattern of a pair of nesting Flammulated Owls (*Otus flammeolus*) in Idaho.** *Northwest Sci.* 60: 141-144. (Dept. Fish Wildl. Resources, Univ. Idaho, Moscow, ID 83843 USA.)—Number of nest visits by adults during strictly nocturnal, bimodal foraging periods increased linearly during nestling period.—T.D.R.
- HOBSON, K. A., & D. WILSON. 1985. **Colony establishment by Pelagic Cormorants on man-made structures in southwest coastal British Columbia.** *Murrelet* 66: 84-86. (Dept. Zool., Univ. Manitoba, Winnipeg, MB R3T 2N2, Can.)
- JOHNSON, R. R., & J. J. DINSMORE. 1985. **Brood-rearing and post-breeding habitat use by Virginia Rail and Soras.** *Wilson Bull.* 97: 551-554. (3708 Rodenberg Ave., Evansville, IN 47712 USA.)
- JOHNSTON, R. F., & S. G. JOHNSON. 1985. **The breeding season of feral pigeons in Kansas.** *Kansas Ornithol. Soc. Bull.* 36: 32-33. (Mus. Nat. Hist., Univ. Kansas, Lawrence, KS 66045 USA.)—While some *Columba livia* pairs nest in winter, most birds have reproductive schedule typical of other wild birds of midcontinental North America.—J.L.Z.
- LAING, K. 1985. **Food habits and breeding biology of Merlins in Denali National Park, Alaska.** *Raptor Res.* 19: 42-51. (Div. Wildl. Fish. Biol., Univ. California, Davis, CA 95616 USA.)—Prey species, foraging behavior, nesting habitat, defense, courtship, parental care, and productivity in 5 breeding pairs.—J.A.S.
- MILES, D. B. 1986. **A record of Brown-headed Cowbird (*Molothrus ater*) nest parasitism of Rufous-crowned Sparrows (*Aimophila ruficeps*).** *Southwestern Natur.* 31: 253-254. (Dept. Zool. Biomed. Sci., Ohio Univ., Athens, OH 45701 USA.)
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- OLIPHANT, L. W. 1985. **North American Merlin breeding survey.** *Raptor Res.* 19: 37-41. (Dept. Vet. Anat., Univ. Saskatchewan, Saskatoon, SK S7N 0W0, Can.)—Summary of 864+ nestings. Reports productivity data.—J.A.S.
- SERVHEEN, C. 1985. **Notes on wintering Merlins in western Montana.** *Raptor Res.* 19: 97-99. (USFWS, HS 105D, Univ. Montana, Missoula, MT 59812 USA.)—Diet and origin of winter population. Measured 7 birds of 3 races.—J.A.S.
- SIKES, P. J., & K. A. ARNOLD. 1986. **Red imported fire ant (*Solenopsis invicta*) predation on Cliff Swallow (*Hirundo pyrrhonota*) nestlings in east-central Texas.** *Southwestern Natur.* 31: 105-106. (Dept. Wildl. Fish Sci., Texas A&M Univ., College Station, TX 77843 USA.)
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- CASTELLANOS-VERA, A. 1983. **Observations on the distribution, abundance, and productivity of the Osprey in the Ojo de Liebre-Guerrero Negro Lagoon, B.C.S., Mexico.** U.S. Forest Serv. Genl. Tech. Rept. WO-36: 88-92.—West-central coast of Baja California.—F.E.L.
- DONAHUE, P. K. 1985. **Notes on some little known**

- or previously unrecorded birds of Suriname. *Amer. Birds* 39: 229-230. (P.O. Box 1036, Brunswick, ME 04011 USA.)—*Buteo platypterus*, *Stercorarius pomarinus*, *Grallaria varia*, *Microcochlearius josephinae*, *Catharus minimus*, and *Dendroica fusca*.
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- GNAM, R. 1986. **Breeding biology of the Bahama Parrot.** *AFA Watchbird* 13(4): 58-60. (1872 Stanhope St., Ridgewood, NY 11385 USA.)—*Amazona leucocephala bahamensis* on Abaco Island.—F.E.L.
- GONZÁLEZ ALONSO, H., F. GONZÁLEZ BERMÚDEZ, & M. QUESADA. 1986. **[Distribution and feeding habits of the Cuban Zapata Sparrow (*Torreornis inexpectata*) (Aves: Fringillidae).]** *Poeyana* 310, 24 pp. (Inst. Zool., Acad. Cienc. Cuba, La Habana, Cuba.)—Comparison among 3 habitats. Includes list of vertebrate species observed. (Spanish, English summary)—R.F.B.
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- WEBBER, T., & J. W. HARDY. 1985. **Breeding and behaviour of Tamaulipas Crows *Corvus imparatus* in captivity.** *Avicult. Mag.* 91: 191-198. (Florida State Mus., Univ. Florida, Gainesville, FL 32611 USA.)—Describes adult vocalizations, breeding, nest building, egg laying, incubation and hatching, nestlings, and fledglings.—A.J.I.
- GENERAL BIOLOGY—ORIENTAL**
- ASAMI, R., & R. HAGA. 1983. **[A study of the population ecology of the Brown Dipper (*Cinclus pallasi*) at the Tokachi River system, Hokkaido.]** *Tori* 32: 75-94. (Dept. Agro-environ. Sci., Obihiro Univ. Agr. Vet. Med., Obihiro, Hokkaido 080, Japan.)—General biology; home range size related to environmental factors; 3-yr study. (Japanese, English summary.)—D.W.M.
- CHEN ZUO-PING, ET AL. 1985. **[Preliminary observations on the breeding and home range of the Lesser Sand Lark.]** *Chinese J. Zool.* 20(1): 15-17.—*Calandrella rufescens*. (Chinese.)
- FEI DIAN-JIN, ET AL. 1985. **[Study on the breeding habits of the Purple Heron and the Gray Heron from the protected region of Zhalong, Heilongjiang Province, China.]** *Chinese J. Zool.* 20(2): 12-16.—*Ardea purpurea* and *A. cinerea*. (Chinese.)
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- ZHANG WEN-GUANG, ET AL. 1985. **[Preliminary study on the ecology of *Oenanthe deserti*.]** *Chinese J. Zool.* 20(3): 13-15. (Chinese.)
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- CHOZAS, P. 1985. **[Mortality rates of Spanish White Storks, *Ciconia ciconia*.]** *Ardeola* 32: 119-123. (Dept. Zool., Univ. Complutense, E-28040 Madrid, Spain.) (Spanish, English summary.)
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- HUMMEL, D. 1985. **[Massive passage of White-fronted Geese (*Anser albifrons*) and Bean Geese (*A. fabalis*) through northern Federal Republic of Germany in December 1980.]** *Vogelwelt* 106: 225-238. (Trinchenberg 4, D-3302 Cremlingen 1, FRG.)—Migration of populations wintering south of Baltic Sea. (German, English summary.)—H.-H.W.
- JECHE, M., & H.-J. SPERLING. 1986. **[On the activity**

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- LAMBERTINI, M., & E. ARCAMONE. 1984. [Nesting record of the Great Crested Grebe (*Podiceps cristatus*) on Santa Luce Lake (Pisa, central Italy).] Quad. Mus. Storia Nat. Livorno 5: 165-168. (Mus. Prov. Storia Nat., Sezione Ornitol., v. Roma 234, 57100 Livorno, Italy.)—Further evidence of expansion of this species in Italy. (Italian, English summary.)—I.C.C.
- LORENTE, G. A., & X. RUIZ. 1985. [Data on the breeding biology of the Red-crested Pochard, *Netta rufina*, in the Ebro Delta.] Misc. Zool. 9: 315-323. (Dept. Zool., Univ. Barcelona, E-08071 Barcelona, Spain) (Spanish, English summary.)
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MIGRATION AND ORIENTATION

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ETCHEBERRY, R. 1985. **Spring migration in the islands of Saint-Pierre and Miquelon.** Osprey 16: 199-201.

A Special Publication

HARWOOD, M. (Ed.). 1985 (1986). **Proceedings of Hawk Migration Conference IV.** Hawk Migration Association of North America. Available from R. C. Morton, Treas., HMANA, 604 Windsor Pl., Moorestown, NJ 08057 USA for \$29.95 plus \$3.00 (surface) or \$7.00 (air) for overseas mailing.—The conference, 24-27 March 1983, Rochester, New York, included 33 papers listed below.—F.E.L.

ABLE, K. P. **Radar methods for the study of hawk migration.** Pp. 347-354. (Dept. Biol. Sci., State Univ. New York, Albany, NY 12222 USA.)—Describes advantages and disadvantages of most readily available radar units.—F.E.L.

BLOOM, P. H. **Raptor movements in California.** Pp. 313-323. (Condor Res. Ctr., 2291-A Portola Rd., Ventura, CA 93003 USA.)—Based primarily on recoveries of banded birds.—F.E.L.

BRINKER, D. F., & T. C. ERDMAN. **Characteristics of autumn Red-tailed Hawk migration through Wisconsin.** Pp. 107-136. (Appalachian Environ. Lab., Univ. Maryland, Frostburg, MD 21532 USA.)—Duration and age ratios, origins and destination based on band recoveries, and effects of geography and wind drift on migration route and wintering area; 12-yr study.—F.E.L.

CIPRIANO, R., & P. KERLINGER. **Estimating the altitude of hawk migration.** Pp. 67-73. (Atmospheric Sci. Res. Ctr., State Univ. New York, Albany, NY 12222 USA.)—Maximum altitude function of convective depth, which is estimated by comparing surface temperature and upper-air temperature (latter obtainable from U.S. Dept. Commerce, NOAA.)—F.E.L.

CLARK, W. S. **The migrating Sharp-shinned Hawk at Cape May Point: banding and recovery results.** Pp. 137-148. (P.O. Box 1161, Annandale, VA 22003 USA.)—Over 16 yr, 27,399 birds banded and 337 recovered.—F.E.L.

COCHRAN, W. W. **Ocean migration of Peregrine Falcons: is the adult male pelagic?** Pp. 223-237. (Illinois Nat. Hist. Surv., 607 E. Peabody Dr., Champaign, IL 61820 USA.)

CURRIE, N. W., ET AL. **A review of Broad-winged Hawk migrations.** Pp. 167-191. (10 Mountain Laurel Rd., Sandy Hook, CT 06472 USA.)—*Buteo platypterus*.

DUFFY, K. E. **Fall migration of Barn Owls at Cape May Point, New Jersey.** Pp. 193-205. (Cape May Bird Observ., P.O. Box 3, Cape May Point, NJ

08212 USA.)—Most adult *Tyto alba* migrate early in October; juveniles migrate later until early November. Birds banded at Cape May recovered south to South Carolina.—F.E.L.

ESCOTT, N. G. **Fall migration of the Rough-legged Hawk at Marathon, Ontario.** Pp. 27-39. (Pathol. Dept., Univ. Texas Med. Branch, Galveston, TX 77550 USA.)—On north shore of Lake Superior.—F.E.L.

GAUTHREUX, S. A., JR. **Differential migration of raptors: the importance of age and sex.** Pp. 99-106. (Dept. Zool., Clemson Univ., Clemson, SC 29631 USA.)—General tendency for smaller sex to migrate farther from breeding grounds than larger sex. "More data needed."—F.E.L.

GAUTHREUX, S. A., JR. **An avian migration mobile research laboratory: hawk migration studies.** Pp. 339-346.—Using small marine radars.—F.E.L.

HOFFMAN, S. W. **Autumn Cooper's Hawk migration through northern Utah and northeastern Nevada, 1977-1982.** Pp. 149-165. (P.O. Box 1382, Albuquerque, NM 87103 USA.)

HOFFMAN, S. W. **Raptor movements in inland western North America: a synthesis.** Pp. 325-338.—Summarizes recent data for 18 observation sites.—F.E.L.

HOFFMAN, S. W., & W. K. POTTS. **Fall migration of Golden Eagles in the Wellsville Mountains, northern Utah, 1976-1979.** Pp. 207-218.—First noted in late August, continuing through November, indistinct peak in mid-October; 4-yr study.—F.E.L.

HOLTHUIJZEN, A. M. A., & L. OOSTERHUIS. **Implications for migration counts from telemetry studies of Sharp-shinned Hawks (*Accipiter striatus*) at Cape May Point, New Jersey.** Pp. 305-312. (Dept. Fish. Wildl. Sci., Virginia Polytech. Inst., Blacksburg, VA 24061 USA.)—Results from 48 immature females in fall 1980 and 1981 indicate population not grossly over- or underestimated by visual census.—F.E.L.

HUSSELL, D. J. T. **Analysis of hawk migration counts for monitoring population levels.** Pp. 243-254. (Wildl. Res. Sect., Ministry Nat. Resources, P.O. Box 50, Maple, ON L0J 1E0, Can.)—Using multiple-regression techniques. Annual indices for spring counts (7 yr) of *Accipiter striatus* and *Buteo platypterus* in Ontario showed no significant year-to-year differences.—F.E.L.

KERLINGER, P. **A theoretical approach to the function of flocking among soaring migrants.** Pp. 41-49. (Dept. Biol., Univ. Calgary, Calgary, AB T2N 1N4, Can.)—Discusses 3 models of how hawks migrating in flocks might locate and use convective elements. Summarizes the few field studies.—F.E.L.

KERLINGER, P. **Daily rhythm of hawk migration, noonday lulls, and counting bias: a review.** Pp.

- 259-265.—Radar and direct observation of *Accipiter striatus* and *Buteo platypterus* migration at 4 locations (Texas, New York, New Jersey) show lulls, daily rhythms, and counting biases related to altitude and visibility of migration.—F.E.L.
- KLEM, D., JR., ET AL. **Analysis of individual flight patterns of migrating raptors at a break in the Kittatinny Ridge: Lehigh Gap, Pennsylvania.** Pp. 1-11. (Dept. Biol., Muhlenberg Coll., Allentown, PA 18104 USA.)
- KOCHENBERGER, R., & P. J. DUNN. **The effects of varying observer numbers on raptor count totals at Cape May, New Jersey.** Pp. 281-293. (Cape May Bird Observ., P.O. Box 3, Cape May, NJ 08212 USA.)—Positive correlation between increase in size of day's flight and degree of variation between counts of most common species recorded.—F.E.L.
- LAURIE, P., & N. C. JENKINS. **Autumn hawk migrations at Fort Johnson, Charleston, South Carolina.** Pp. 355-360. (Copperhead Trail, Johns Island, SC 29455 USA.)—Results of 3-yr study at coastal site. Buteos, Merlins, and Peregrines observed infrequently.—F.E.L.
- MACRAE, D. **Over-water migration of raptors: a review of the literature.** Pp. 75-98. (22622 53rd Ave. SE, Bothell, WA 98021 USA.)
- MINDELL, D. P. **Biogeography of New World migrant raptors: a review.** Pp. 369-385. (Dept. Zool., Brigham Young Univ., Provo, UT 84602 USA.)
- MOON, N. S., & L. W. MOON. **Raptor counts at Braddock Bay, New York: the effects of observer coverage at auxiliary sites.** Pp. 295-304. (25 Edgewater La., Rochester, NY 14617 USA.)—On south shore of Lake Ontario. Satellite observation posts necessary to monitor all possible variations of spring migration.—F.E.L.
- ROBINSON, L. J. **A hawkwatching world: one in which everyone wears glasses.** Pp. 255-257. (14 Willow Rd., Wellesley, MA 02181 USA.)—Discussion of binoculars useful for hawk watching.—F.E.L.
- SATTLER, G., & J. BART. **A technique for evaluating observer efficiency in raptor migration studies.** Pp. 275-280. (Dept. Zool., Ohio State Univ., Columbus, OH 43210 USA.)
- SMITH, N. G. **Thermals, cloud streets, trade winds, and tropical storms: how migrating raptors make the most of atmospheric energy in Central America.** Pp. 51-65. (Smithsonian Trop. Res. Inst., APO Miami, FL 34002 USA.)—Summarizes recent observations on *Buteo platypterus*, *B. swainsoni*, and *Cathartes aura*.—F.E.L.
- SMITH, N. G. **Some uncertain aspects of migration by Swainson's Hawks and Turkey Vultures.** Pp. 219-222.—Brief discussion of energetics, distribution, and route.—F.E.L.
- SMITH, N. G. **Counting migrating raptors.** Pp. 239-242.—Brief discussion on difficulties of comparable year-to-year counting in Panama.—F.E.L.
- SMITH, N. G. **The path between North America and limbo: the "wintering grounds" syndrome and future research on migratory raptors.** Pp. 387-393.—Stresses need for additional data on ability of *Buteo platypterus* to put on amount of fat necessary for migration.—F.E.L.
- STEUCEK, G. L. **Soaring with statistics: quantitative information enhances hawkwatching.** Pp. 267-274. (Millersville Univ., Millersville, PA 17551 USA.)—Introduction to techniques and functions of statistical analysis.—F.E.L.
- SWEM, T. **Sitkagi Beach raptor migration study, spring 1982.** Pp. 13-26. (Box 4-1740, Anchorage, AK 99509 USA.)—On south coast of Alaska. Unusually high count of *Circus cyaneus*.—F.E.L.
- YURKUNAS, V. G. **Louisiana hawk watch.** Pp. 361-368. (Palmer St., Bondsville, MA 01009 USA.)—Results of 1981 and 1982 counts.—F.E.L.
- RAES, D., & B. VERCRUYSE. 1985. [Seabird migration at Nieuwpoort in autumn 1982.] *Ornis Flandriae* 4: 73-82. (Waterloose steenweg 1, B-1640 Sint-Genesius-Rode, Belgium.)—Numbers of wildfowl, waders, auks, and gulls migrating along coast. (Flemish, English summary.)—D.R.B.
- SEALY, S. G. 1986. **Fall migration of Northern Orioles: an analysis of tower-killed individuals.** *North Amer. Bird Bander* 11: 43-45. (Dept. Zool., Univ. Manitoba, Winnipeg, MB R3T 2N2, Can.)—*Icterus g. galbula*.
- SELLERS, R. M. 1984. **The effect of the R. Severn and the Cotswold Escarpment on the dispersal of birds in the Vale of Berkeley.** *Gloucestershire Natur.* 1: 36-38. (Rose Cottage, Walkley Wood, Nailsworth, Glos. GL6 0RU, UK.)—Several passerine species dispersed along Severn Vale, rather than across river.—D.R.B.
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- TAYLOR, D. M., & C. H. TROST. 1985. **Fall raptor concentration on Henry's Lake Flats.** *Raptor Res.* 19: 143-144. (Dept. Biol., Idaho State Univ., Pocatello, ID 83209 USA.)—Twelve species in Idaho.—J.A.S.
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- birds killed at the Vehicle Assembly Building (VAB), John F. Kennedy Space Center. *J. Field Ornithol.* 57: 142-154. (Dept. Biol., Univ. Central Florida, Orlando, FL 32816 USA.)
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- ZHANG YIN-SUN, ET AL. 1985. [Observations on the migration of the birds of prey from Tangshan Region, Hopei Province.] *Chinese J. Zool.* 20(1): 17-21. (Chinese.)
- MISCELLANEOUS**
- BOSWELL, J. H. R. 1985. **The birds of Chengdu Zoo, Peoples' Republic of China.** *Avicult. Mag.* 92: 47-50. (Birdswell, Wraxall, Bristol BS19 1JZ, UK.)
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- WESOŁOWSKI, T. 1986. **Ornithology in Poland.** 12 pp. (Dept. Avian Ecol., Univ. Wrocław, Wrocław, Poland.)—Useful outline, produced for 19th Intern. Ornithol. Congr.—J.H.R.B.
- MORPHOLOGY, PHYSIOLOGY, AND EMBRYOLOGY**
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- BAUDINETTE, R. V., P. GILL, & M. O'DRISCOLL. 1986. **Energetics of the Little Penguin *Eudyptula minor*: temperature regulation, the calorogenic effect of food, and moulting.** *Australian J. Zool.* 34: 35-45. (Sch. Biol. Sci., Flinders Univ., Bedford Park, SA 5042, Australia.)
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- CHALMERS, G. A. 1986. **Ovotestes and sexual reversal in racing pigeons.** *Can. Vet. J.* 27: 82-84. (Regional Vet. Lab., Alberta Agr., Postal Bag Serv. 3014, Lethbridge, AB T1J 4C7, Can.)—Records occurrence of ovotestes associated with male behavioral characteristics in 2 mature female *Columba livia*.—P.R.H.
- CHERRY, J. D. 1985. **Early autumn movements and prebasic molt of Swainson's Thrushes.** *Wilson Bull.* 97: 368-370. (Dept. Biol. Sci., State Univ. New York, Albany, NY 12222 USA.)
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- DAVIS, R. A., ET AL. 1985. **Molt migration of large Canada Geese on the west coast of Hudson Bay.** *Wilson Bull.* 97: 296-305. (Environ. Res. Assoc., 22 Fisher St., King City, ON L0G 1K0, Can.)
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- EARLÉ, R. A. 1986. Dimensions and deformities of South African Cliff Swallows. Ostrich 57: 54-59. (Natl. Mus., Box 266, Bloemfontein 9300, S. Africa.)—*Hirundo spilodera*.
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- MATSUOKA, S. 1983. [Change of iris color with age in Great Spotted Woodpeckers (*Dendrocopos major*).] Tori 32: 139-143. (Ornithol. Lab., Agr. Res. Ctr., Ministry Agr. Forestry Fish., Yatabe-machi, Tsukuba, Ibaraki 305, Japan.) (Japanese, English summary.)
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- PRESCOTT, K. W. 1986. Weight, fat, and wing measurement variations during migration and overwintering of White-throated Sparrows in New Jersey. North Amer. Bird Bander 11: 46-51. (2526

- Tanglewood Trail, Austin, TX 78703 USA.)—Based on 287 birds, both adult (AHY) and immature (HY) inland *Zonotrichia albicollis* heavier than coastal-captured ones, and birds caught in midwinter heavier than those caught in fall and early spring.—J.A.S.(1)
- QUAY, W. B. 1985. **Sperm release in migrating wood warblers (Parulinae) nesting at higher latitudes.** *Wilson Bull.* 97: 283-292. (Dept. Physiol. Anat., Univ. California, Berkeley, CA 94720 USA.)—As studied at Texas and Missouri. Precocious sperm release probably adaptation for rapid onset of reproduction in areas with short summers.—F.E.L.
- RICHARDSON, K. C., & R. D. WOOLER. 1986. **The structures of the gastrointestinal tracts of honeyeaters and other small birds in relation to their diets.** *Australian J. Zool.* 34: 119-124. (Sch. Vet. Stud., Murdoch Univ., Murdoch, WA 6150, Australia.)—Meliphagids have smaller, less muscular gizzards and shorter intestines than similar-size insectivorous birds.—H.A.F.
- ROBERTS, J. R., & R. V. BAUDINETTE. 1986. **Thermoregulation, oxygen consumption and water turnover in Stubble Quail *Coturnix pectoralis* and King Quail *C. chinensis*.** *Australian J. Zool.* 34: 25-34. (Sch. Biol. Sci., Flinders Univ., Bedford Park, SA 5042, Australia.)
- ROFSTAD, G. 1986. **Growth and morphology of nestling Hooded Crows *Corvus corone cornix*, a sexually dimorphic bird species.** *J. Zool. London* 208A: 299-323. (Dept. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway.)—Females grow faster than males, which are larger as adults. Cost of rearing males higher than for females.—D.E.P.
- SAMOUR, J. H., ET AL. 1986. **Semen collection and spermatozoa characteristics in Budgerigars (*Melopsittacus undulatus*).** *Vet. Rec.* 118: 397-399. *Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, UK.*—Semen appears stored in seminal glomera, structures previously described from Passeriformes. Spermatozoon similar to that of chickens, but different from passerines.—P.R.H.
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- TEWARY, P. D., P. M. TRIPATHI, & B. K. TRIPATHI. 1985. **Effects of exogenous gonadalsteroids and castration on photoperiodic responses of the Yellow-throated Sparrow *Gymnorhis xanthocollis* (Burton).** *Indian J. Exp. Biol.* 23: 426-428. (Dept. Zool., Banaras Hindu Univ., Varanasi 221005, India.)—Gonadal steroids exert antigonadal effect via negative feedback at hypothalamo-hypophyseal-gonadal axis and also involved in control of bill pigmentation.—P.R.H.
- URIBE, F., L. SENAR, & M. CAMERINO. 1985. **[Morphometry of feral Pigeon, *Columba livia*, from the city of Barcelona.]** *Misc. Zool.* 9: 339-345. (Mus. Zool., Apdo. 593, E-08080 Barcelona, Spain.) (Spanish, English summary.)
- WEATHERS, W. W. 1986. **Thermal significance of courtship display in the Blue-black Grassquit (*Volatinia jacarina*).** *Natl. Geogr. Res.* 2: 291-301. (Dept. Avian Sci., Univ. California, Davis, CA 95616 USA.)—In Panama, males can perform energetic displays at high temperatures partly because display dissipates nearly as much heat convectively as it produces metabolically.—F.E.L.

PALEONTOLOGY

- MOURER-CHAUVIRÉ, C. 1985. **[The Todidae (Aves, Coraciiformes) of the Phosphorites from Quercy (France).]** *Proc. K. Nederlandse Akad. Wet.* 88B: 407-414. (Ctr. Paleontol., Univ. C. Bernard, 27-43 Boul. du 11 Novembre, 69622 Villeurbanne Cedex, France.)—Describes 2 *Paleotodus* n. sp. from Upper Eocene and Oligocene. Indicates todids widely distributed in past and present representatives relicts. (French, English summary.)—F.E.L.
- RICH, P. V., ET AL. 1983. **Prehistory of the Norfolk Island biota.** *Spec. Publ. Australian Natl. Parks Wildl. Serv.* 8: 6-29. (Monash Univ., Clayton, Vic. 3168, Australia.)—Reports on fossil avifauna.—H.A.F.
- STEADMAN, D. W. 1986. **Holocene vertebrate fossils from Isla Floreana, Galapagos.** *Smithsonian Contrib. Zool.* 413, 103 pp. (New York State Mus., Albany, NY 12230 USA.)—Over 20,000 fossils, dated 2,400 YBP or younger, recovered from 4 lava tubes. Most originated as *Tyto punctatissima* pellets and included 18+ bird species with 4 now extinct on Floreana (*Tyto*, *Mimus trifasciatus*, *Geospiza nebulosa*, *G. magnirostris*). Probably extinctions related to direct or indirect human impacts (predation, livestock grazing, cats, rats, etc.).—F.E.L.

PESTICIDES AND POLLUTION

- BALCOMB, R., ET AL. 1983. **Acute and sublethal effects of 1080 on Starlings.** *Bull. Environ. Contam. Toxicol.* 31: 692-698. (USEPA, TS-769, 401 M St., SW, Washington, DC 20460 USA.)
- BUNCK, C. M., ET AL. 1985. **Changes in eggshell thickness during incubation: implications for evaluating the impact of organochlorine contaminants on productivity.** *Bull. Environ. Contam. Toxicol.* 35: 173-182. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Eggshell thinning occurring during incubation insignificant in *Anas platyrhynchos*, *N. nycticorax*, *Falco sparverius*, *Tyto alba*, and *Otus asio* eggs; thus, relationship between shell thickness and egg residues evaluates impact of organochlorine contaminants on reproductive status of birds without reference to developmental stage of embryos.—D.H.W.
- CHASKO, G. G., ET AL. 1984. **Toxicity of lead shot to wild Black Ducks and Mallards fed natural foods.** *Bull. Environ. Contam. Toxicol.* 32: 417-428. (Con-

- necicut Wildl. Bureau, Franklin Wildl. Mgmt. Area, Rte. 32, North Franklin, CT 06254 USA.)
- CUSTER, T. W., & B. M. MULHERN. 1983. **Heavy metal residues in pre fledgling Black-crowned Night-Herons from three Atlantic coast colonies.** Bull. Environ. Contam. Toxicol. 30: 178-185. (USFWS, P.O. Box 2506, Victoria, TX 77902 USA.)
- DIGUILIO, R. T., & P. F. SCANLON. 1984. **Heavy metals in tissues of waterfowl from the Chesapeake Bay, USA.** Environ. Pollut. 35A: 29-48. (Sch. Forest Environ. Stud., Duke Univ., Durham, NC 27706 USA.)
- ELLENTON, J. A., & L. J. BROWNLEE. 1985. **Aryl hydrocarbon hydroxylase levels in Herring Gull embryos from different locations on the Great Lakes.** Environ. Toxicol. Chem. 4: 615-622. (Natl. Wildl. Res. Ctr., Dept. Environ., Ottawa, ON K1A 0E7, Can.)
- FLEMING, W. J., ET AL. 1985. **Lethal and behavioral effects of chlordimeform in Bobwhite.** Toxicology 36: 37-47. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Chlordimeform at 100 and 1,000 ppm in diet caused behavioral aberrations in lab study, but these concentrations appreciably higher than those found after normal field applications of chlordimeform.—D.H.W.
- FLICKINGER, E. L., C. A. MITCHELL, & A. J. KRYNITSKY. 1986. **Dieldrin and endrin residues in Fulvous Whistling-Ducks in Texas in 1983.** J. Field Ornithol. 57: 85-90. (Patuxent Wildl. Res. Ctr., P.O. Box 2506, Victoria, TX 77902 USA.)
- GRUE, C. E., & C. C. HUNTER. 1984. **Brain cholinesterase activity in fledgling Starlings: implications for monitoring exposure of songbirds to ChE inhibitors.** Bull. Environ. Contam. Toxicol. 32: 282-289. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- HILL, E. F., ET AL. 1984. **Acute toxicity of diazinon is similar for eight stocks of Bobwhite.** Environ. Toxicol. Chem. 3: 61-66. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- HOFFMAN, D. J., & P. H. ALBERS. 1984. **Evaluation of potential embryotoxicity and teratogenicity of 42 herbicides, insecticides, and petroleum contaminants to Mallard eggs.** Arch. Environ. Contam. Toxicol. 13: 15-17. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- KIM, K. S., ET AL. 1984. **Levels of polychlorinated biphenyls, DDE, and mirex in waterfowl collected in New York state, 1979-1980.** Arch. Environ. Contam. Toxicol. 13: 373-381. (Dept. Atmospheric Sci., State Univ. New York, 1400 Washington Ave., Albany, NY 12222 USA.)
- DE KOCK, A. C., & R. M. RANDALL. 1984. **Organochlorine insecticide and polychlorinated biphenyl residues in eggs of coastal birds from the Eastern Cape, South Africa.** Environ. Pollut. 35A: 193-201. (Dept. Zool., Univ. Port Elizabeth, Port Elizabeth, S. Africa.)
- KOOIKER, G. 1986. **[The Magpie (*Pica pica*) as a bioindicator of heavy metals?] Vogelwelt 107: 65-69. (FB Biol./Chem., PF 4469, D-4500 Osnabrück, FRG.)—Magpies fulfill most criteria and therefore are suitable. (German, English summary.)—H.-H.W.**
- LINDBERG, P. 1984. **Mercury in feathers of Swedish Gyrfalcons (*Falco rusticolus*) in relation to diet.** Bull. Environ. Contam. Toxicol. 32: 453-459. (Dept. Zool., Univ. Göteborg, Box 25059, S-40031 Göteborg, Sweden.)
- LITRELL, E. 1986. **Shell thickness and organochlorine pesticides in Osprey eggs from Eagle Lake, California.** California Fish Game 72: 182-185. (California Dept. Fish Game, 1701 Nimbus Rd., Rancho Cordova, CA 95670 USA.)—For 22 eggs, 1973-1984. Pesticide contamination and eggshell thinning still occurring. Present population appears stable.—F.E.L.
- MCEWEN, L. C., L. R. DEWEESE, & P. SCHLADWEILER. 1986. **Bird predation on cutworms (Lepidoptera: Noctuidae) in wheat fields and chlorpyrifos effects on brain cholinesterase activity.** Environ. Entomol. 15: 147-151. (Dept. Fish Wildl. Biol., Colorado State Univ., Fort Collins, CO 80523 USA.)—*Eremophila alpestris* and *Calcarius mccownii* had 95-100% Lepidoptera in their stomachs 3 days post-spray. Brain cholinesterase levels surprisingly lower in birds from treated fields than in controls after 3 and 9 days, but at 16 days difference not significant.—P.R.H.
- PATTEE, O. H. 1984. **Eggshell thickness and reproduction in American Kestrels exposed to chronic dietary lead.** Arch. Environ. Contam. Toxicol. 13: 29-34. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- RUDOLPH, S. G., ET AL. 1984. **Prey-capturing ability of American Kestrels fed DDE and acephate or acephate alone.** Arch. Environ. Contam. Toxicol. 13: 367-372. (Dept. Zool. NJ-15, Univ. Washington, Seattle, WA 98195 USA.)
- SCHAFFER, E. W., JR. 1984. **Potential primary and secondary hazards of avicides.** Proc. Vert. Pest Conf. 11: 217-222. (USFWS, Denver Wildl. Res. Ctr., Denver, CO 80225 USA.)—All of 6 chemicals or groups of chemicals currently registered as avicides appear hazardous to nontarget birds and mammals, but Starlicide group and Fenthion present least hazard with proper use.—F.E.L.
- SMITH, G. J., ET AL. 1986. **Cholinesterase activity in Black-crowned Night-Herons exposed to fenthion-treated water.** Arch. Environ. Contam. Toxicol. 15: 83-86. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)—Fenthion, widely used mosquito control agent, not life threatening at 1 and 10 times field application rate (112 g active ingredient/ha) to birds in enclosure.—D.H.W.
- STEYN, P. J., A. J. REINECKE, & J. M. VENTER. 1986. **The weakening of eggshells of the Laughing Dove, *Streptopelia senegalensis* (Linn.).** S. African J. Zool.

- 21: 233-236. (AJR, Dept. Zool., Potch. Univ., Potchefstroom 2520, S. Africa.)—Samples studied 1899-1983. Organochlorine pesticides may have caused changes.—R.A.E.
- STICKEL, W. H., ET AL. 1984. **DDE in birds: lethal residues and loss rates.** Arch. Environ. Contam. Toxicol. 13: 1-6. (Patuxent Wildl. Res. Ctr., Laurel, MD 20708 USA.)
- STICKEL, W. H., ET AL. 1984. **Aroclor 1254 residues in birds: lethal levels and loss rates.** Arch. Environ. Contam. Toxicol. 13: 7-13.
- STROMBORG, K. L. 1986. **Reproductive toxicity of monocrotophos to Bobwhite Quail.** Poultry Sci. 65: 51-57. (Div. Ecol. Serv., Univ. Wisconsin, Green Bay, WI 54302 USA.)—No evidence of pesticide effect on reproduction, other than that exerted through pesticide-induced anorexia, in birds fed 0.1, 0.178, 0.316, 0.562, and 1.0 ppm monocrotophos for 15 days.—D.H.W.
- STROMBORG, K. L. 1986. **Reproduction of Bobwhites fed different dietary concentrations of an organophosphate insecticide, methamidophos.** Arch. Environ. Contam. Toxicol. 15: 143-147.—No evidence of pesticide effect on reproduction other than that exerted through pesticide-induced anorexia.—D.H.W.
- THINGSTAD, P. G. 1986. **Environmental contaminants in some adult *Larus fuscus fuscus* from Tarva, an islet on the coast of Sør-Trøndelag.** Fauna Norv. Ser. C Cinclus 9: 55-56. (Zool. Mus., Univ. Trondheim, Erling Skakkes gt. 47A, N-7000 Trondheim, Norway.)
- WHITE, D. H., & A. J. KRYNITSKY. 1986. **Wildlife in some areas of New Mexico and Texas accumulate elevated DDE residues, 1983.** Arch. Environ. Contam. Toxicol. 15: 149-157. (Sch. Forest Resources, Univ. Georgia, Athens, GA 30602 USA.)—*Anas platyrhynchos*, *Fulica americana*, *N. nycticorax*, *Tyrannus verticalis*, and *Passer domesticus*.
- WHITE, D. H., ET AL. 1986. **Trace elements in sediments, water, and American Coots (*Fulica americana*) at a coal-fired power plant in Texas, 1979-1982.** Bull. Environ. Contam. Toxicol. 36: 376-383.—Power plant ash pond attracted many species of aquatic birds as resting and feeding site. Coots did not accumulate harmful levels of heavy metals over 4-yr study.—D.H.W.
- ZINKL, J. G., ET AL. 1984. **Brain cholinesterase activity and brain and liver residues in wild birds of a forest sprayed with acephate.** Environ. Toxicol. Chem. 3: 79-88. (Dept. Clinical Pathol., Sch. Vet. Med., Univ. California, Davis, CA 95616 USA.)
- Beitr. 35: 71-90. (Est. Biol. Doñana, Apdo. 1056, 41013 Seville, Spain.)
- HIRALDO, F., M. DELIBES, & J. CALDERON. 1984. **Comments on the taxonomy of the Bearded Vulture *Gypaetus barbatus* (Linnaeus, 1758).** Bonn. Zool. Beitr. 35: 91-95. (Mus. Nacl. Cienc. Nat., Castellana 80, 28046 Madrid, Spain.)
- JOHNSON, N. K., & R. M. ZINK. 1985. **Genetic evidence for relationships among the Red-eyed, Yellow-green, and Chivi vireos.** Wilson Bull. 97: 421-435. (Mus. Vert. Zool., Univ. California, Berkeley, CA 94720 USA.)
- KURODA, N. 1983. **Some osteological notes on Procellariiformes.** Tori 32: 41-61. (Yamashina Inst. Ornithol., 8-20 Nampaidai-machi, Shibuya-ku, Tokyo 150, Japan.)—Proposes slightly revised taxonomy based on bone measurements.—D.W.M.
- SILVA, T. 1985. **A question of identity.** Avicult. Mag. 91: 236-238. (M. Harvey, Windsor Forest Stud., Mill Ride, Ascot SL5 8LT, UK.)—Correct identification of certain subspecies of *Amazona* and *Cacatua*.—A.J.I.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—AFRICAN

- ASH, J. S. 1985. **Birds, including a hybrid, new to Uganda.** Scopus 9: 133-137. (Div. Birds, Natl. Mus. Nat. Hist., Washington, DC 20056 USA.)—*Sterna hirundo*, *Streptopelia turtur*, *Caprimulgus fraenatus*, and *Hirundo rustica* × *Delichon urbica*.
- ASH, J. S. 1986. **A *Ploceus* sp. nov. from Uganda.** Ibis 128: 330-336.—*P. victoriae*; nearest relatives *P. taeniopterus* and *P. velatus*.—I.C.C.
- BACKHURST, G. C. 1985. **Desert Wheatear *Oenanthe deserti* in Kenya.** Scopus 9: 140-141. (P.O. Box 24702, Nairobi, Kenya.)—First East African record.—M.G.K.
- BAIRLEIN, F. 1985. **Red-breasted Flycatcher (*Ficedula parva*) in the central Sahara.** Gerfaut 75: 101-104. (Dept. Zool., Univ. Köln, Weyertal 119, D-5000 Köln 41, FRG.)
- BOOTHROYD, B. 1986. **A second record of Jouanin's Petrel *Bulweria fallax* from Kenya.** Scopus 10: 28-29. (WLPV Consultants, P.O. Box 50569, Nairobi, Kenya.)
- CLANCEY, P. A. 1986. **Taxonomic notes on some birds from East Africa.** Scopus 10: 33-40. (Fernleigh Gdns., 8 Lambert Rd., Morningside, Durban 4001, S. Africa.)—*Buccanodon whytii*, *Pogoniulus chrysoconus*, *Cercotrichas barbata*, *C. quadriovigata*, *Clytospiza montei*, *Cryptospiza reichenovii*, *Hypargos niveoguttatus*, *Plocepasser mahali*, and *Emberiza flaviventris*.
- CYRUS, D. P. 1986. **First record of Basra Reed Warbler in southern Africa.** Ostrich 57: 112-114. (Dept. Zool., Univ. Zululand, Bag X1001, Kwa Dlangezwa 3886, S. Africa.)—*Acrocephalus griseldis*.
- DUFFY, D. C. 1986. **Seabirds and commercial fisheries: research at the Percy FitzPatrick Institute of African Ornithology.** Bokmakierie 38: 10-12.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—GENERAL

- DELIBES, M., F. HIRALDO, & J. CALDERON. 1984. **Age and geographic variation in the Bearded Vulture *Gypaetus barbatus* (Linnaeus, 1758).** Bonn. Zool.

- (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa).
- DU PLESSIS, G. D. 1986. **A review of the status and distribution of raptors in the southern part of the eastern Orange Free State.** *Mirafr* 3: 7-16. (Box 6614, Bloemfontein 9300, S. Africa.)—For 45 species.—J.J.H.
- EARLÉ, R. A. 1986. **Reappraisal of variation in the Ground Woodpecker *Geocolaptes olivaceus* (Aves: Picidae).** *Navors. Nas. Mus. Bloemfontein* 5: 79-92. (*Natl. Mus.*, Box 266, Bloemfontein 9300, S. Africa.)—Subspecies nullified.—R.A.E.
- FUGGLES-COUCHMAN, N. R. 1986. **Birds visiting a recently filled dam in Tanzania.** *Scopus* 10: 54-57. (Post Ho., High St., Broughton, Stockbridge, Hants. SO20 8AA, UK.)—Observations over 3-month period.—M.G.K.
- HERHOLDT, J. J. 1986. **A new breeding locality for the Fulvous Duck *Dendrocygna bicolor*.** *Mirafr* 3: 23. (Box 266, Bloemfontein 9300, S. Africa.)—Breeding and distribution data in S. Africa.—J.J.H.
- HERHOLDT, J. J. 1986. **Occurrence of the Barred Warbler in the Orange Free State.** *Ostrich* 57: 114.—*Camaroptera fasciolata*; first record.—R.A.E.
- HILLMAN, J. C., & S. M. HILLMAN. 1986. **Notes on some unusual birds of the Banganai area, southwest Sudan.** *Scopus* 10: 29-32. (P.O. Box 386, Addis Ababa, Ethiopia.)—Includes 7 species new to Sudan.—M.G.K.
- HOCKEY, P. A. R., ET AL. 1986. **Rare and vagrant scolopacid waders in southern Africa.** *Ostrich* 57: 37-55. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—Records of 15 species.—R.A.E.
- JACKSON, H. D. 1986. **First Zimbabwe specimen of the Rednecked Falcon.** *Ostrich* 57: 109. (*Nat. Hist. Mus.*, Box 240, Bulawayo, Zimbabwe.)—*Falco chiquera*.
- JACKSON, H. D. 1986. **Identifying nightjars in southern Africa.** *Bokmakierie* 38: 41-45.—In hand and by song.—J.J.H.
- JOHNSON, D. N., & R. F. HORNER. 1986. **Identifying widows, bishops and queleas in female plumage.** *Bokmakierie* 38: 13-17. (Natal Parks Board, Box 662, Pietermaritzburg, S. Africa.)
- MACDONALD, I. Q. W. 1986. **Do Redbreasted Sparrowhawks belong in the Karoo?** *Bokmakierie* 38: 3-4. (FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, S. Africa.)—Range expansion.—J.J.H.
- PEARSON, D. J. 1986. **Sightings of Long-toed Stints *Calidris subminuta* at Naivasha.** *Scopus* 10: 41-42. (Dept. Biochem., P.O. Box 30197, Nairobi, Kenya.)—At Kenyan Rift Valley lake.—M.G.K.
- SCHIEPMANN, H. 1986. **Red-necked Phalaropes *Phalaropus lobatus* off the coast of Somalia and Kenya.** *Scopus* 10: 42-44. (Kirchstr. 15, D-7988 Wangen im Algäu, FRG.)—During November 1983 and January-February 1985.—M.G.K.
- SHORT, L. L., & J. F. M. HORNE. 1985. **Notes on some birds of the Arabuko-Sokoke Forest.** *Scopus* 9: 117-126. (Dept. Ornithol., Amer. Mus. Nat. Hist., New York, NY 10024 USA.)—*Circaetus fasciolatus*, *Terathopius ecaudatus*, *Streptopelia capicola*, *Pachycoccyx audeberti*, *Neafraapus boehmi*, *Halcyon chelicuti*, *H. albiventris*, *Prionops scopifrons*, *P. retzii*, *Dicrurus adsimilis*, *Cercotrichas quadrivirgata*, *Lamprolornis corruscus*, *L. chalybeus*, and *Ploceus gollandi* in Kenya.—M.G.K.
- SHORT, L. L., & J. F. M. HORNE. 1985. **Notes on some birds of Ol Ari Nyiro, Laikipia Plateau.** *Scopus* 9: 137-140.—In central Kenya.—M.G.K.
- SINCLAIR, J. C., I. GARLAND, & A. CARTE. 1986. **Pied Wheatear and Redthroated Pipit in southern Africa.** *Bokmakierie* 38: 45. (Durban Mus., Box 4085, Durban 4000, S. Africa.)—First records of *Oenanthe pleschanka* and *Anthus cervinus*.—R.A.E.
- VAN DEN ELZEN, R. 1984. **[What does *Polioptila erlangeri* Reichenow, 1905 represent?]** *Bonn. Zool. Beitr.* 35: 103-106. (Zool. Forsch. Inst. Mus. A. Koenig, Adenauerallee 150, D-5300 Bonn 1, FRG.)—Juvenile plumage of *P. tristriata* Rüppell, 1840; not identical with *P. reichardi striatipectus* Sharpe, 1891. (German, English summary).—H.-H.W.
- VAN TUINEN, P., & M. VALENTINE. 1986. **Phylogenetic relationships of turacos (Musophagidae; Cuculiformes) based on comparative chromosome banding analysis.** *Ibis* 128: 364-381. (Anderson Hosp. & Tumour Inst., Texas Med. Ctr., Houston, TX 77030 USA.)—Cladistic analysis of 9 species.—I.C.C.
- VERNON, C. J. 1986. **The Ground Hornbill *Bucorvus leadbeaeri* at the southern extremity of its range.** *Ostrich* 57: 16-24. (Box 11021, Southernwood 5241, S. Africa.)—Reviews distributions, habitat preference, and reasons for range contraction.—J.J.H.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—AUSTRALIAN

- ASHTON, C. B. 1986. **A Western Yellow Robin in the Aldinga scrub.** *S. Australian Ornithol.* 30: 26-27. (P.O. Box 125, Aldinga Beach, SA 5173, Australia.)—*Eopsaltria griseogularis*.
- BAIRD, R. F. 1986. **Tasmanian Native-hen *Gallinula mortierii*: the first late Pleistocene record from Queensland.** *Emu* 86: 121-122. (Dept. Earth Sci., Monash Univ., Clayton, Vic. 3168, Australia.)
- BAKKER, H., & S. A. PARKER. 1986. **A second specimen of the Rufous Fantail from South Australia.** *S. Australian Ornithol.* 30: 23. (S. Australian Natl. Pks. Wildl. Serv., Box 1782, SA 5000, Australia.)—*Rhipidura rufifrons*.
- BARTRAM, K. 1986. **A sighting of the Western Petrel *Procellaria westlandica* off north-west Tasmania.** *Australian Bird Watcher* 11: 213-217. (58 Marine Parade, Elwood, Vic. 3184, Australia.)
- BIDDISCOMBE, E. F. 1985. **Bird populations of farm plantations in the Hotham River valley, WA.** W.

- Australian Natur. 16: 32-39. (CSIRO, Priv. Bag, P.O., Wembley, WA 6014, Australia.)
- BISHOP, K. D. 1985. **Doria's Hawk *Megatriorchis doriae* on Batanta Island, Irian Jaya.** Kukila 2: 85. (13 Elmscott Gardens, Winchmore Hill, London N21 2BP, UK.)—First records of this species off mainland New Guinea.—K.D.B.
- BLACK, A. 1986. **The taxonomic affinity of the New Guinean Magpie *Gymnorhina tibicen papuana*.** Emu 86: 65-70. (11 Ringmer Dr., Burnside, SA 5066, Australia.)—Resembles *G. t. dorsalis* and *G. t. longirostris*.—H.A.F.
- BRAITHWAITE, L. W., ET AL. 1986. **An aerial survey of three game species of waterfowl (family Anatidae) populations in eastern Australia.** Australian Wildl. Res. 13: 213-223. (CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia.)—*Anas superciliosa*, *A. gibberifrons*, and *Chenonetta jubata*; 12% of 2,697,000 km² covered.—H.A.F.
- CHESHIRE, N. 1986. **Oceanic sightings of the Black-bellied Storm-Petrel and other seabirds off South Australia.** S. Australian Ornithol. 30: 15-18. (16 Gamble Cres., Hawthorndene, SA 5051, Australia.)—*Fregatta tropica*, and mostly *Diomedea*, *Pterodroma*, and *Procellaria*.—H.A.F.
- COURTNEY, J. 1986. **Age-related colour changes and behaviour in the Northern Funereal Black-Cockatoo *Calyptorhynchus funereus funereus*.** Australian Bird Watcher 11: 137-145. (Ashgrove, Swan Vale, via Glen Innes, NSW 2370, Australia.)—Proposes 2 species in *C. funereus* superspecies, with extreme southwestern and northeastern forms conspecific and a central species.—H.A.F.
- DAVIDSON, P. M., & F. E. SCHLUGAR. 1985. **Barn Swallows at Learmonth.** W. Australian Natur. 16: 52. (Airports Div., Dept. Aviation, Canberra, ACT 2600, Australia.)
- DE NAUOIS, R. 1985. [Field notes on New Caledonian raptors with particular reference to *Haliaeetus spheurnus*.] Bonn. Zool. Beitr. 36: 65-68. (2 Allee de Daims, F-91880 Brunoy, France.) (German.)
- FORD, J. 1986. **Phylogeny of the acanthizid warbler genus *Gerygone* based on numerical analyses of morphological characters.** Emu 86: 12-22. (W. Australian Inst. Technol., Kent St., Bentley, WA 6102, Australia.)—Ancestral gerygone originated in Australo-Papua, with 1-3 species spreading into islands of western Pacific and Malayo-Indonesian chain.—H.A.F.
- FORD, J. 1986. **Avian hybridization and allopatry in the region of the Einasleigh uplands and Burdekin-Lynd divide, north-eastern Queensland.** Emu 86: 87-110.—Describes 20 species with range gaps, hybrid zones, or stepped clines across this elevated region.—H.A.F.
- GOSPER, D. G. 1986. **Birds in the Richmond River district, N.S.W.** Corella 10: 1-16. (15 Arthur St., Casino, NSW 2470, Australia.)—Maps of 333 species in range of habitats from rain forest to coastal heath.—H.A.F.
- GREEN, M. A. 1985. **Pied Butcherbird in the Perth area.** W. Australian Natur. 16: 53-54. (9 Grayson Ct., Wilson, WA 6107, Australia.)—*Cracticus nigrogularis*.
- HALSE, S. A., ET AL. 1985. **Vertebrate fauna along the Marchagee track, Western Australia.** W. Australian Natur. 16: 57-69. (Dept. Conserv. Land Mgmt., P.O. Box 104, Como, WA 6152, Australia.)—Lists 88 bird species.—H.A.F.
- HOLMES, G. 1986. **Notes on the Pale White-eye *Zosterops citrinella*.** Australian Bird Watcher 11: 208-209. (P.O. Box 59, Wardell, NSW 2477, Australia.)
- HOOPER, N. 1986. **Bush-hen *Gallinula olivacea* in the Kimberleys, Western Australia.** Australian Bird Watcher 11: 243-244. (Post Office, Aireys Inlet, Vic. 3221, Australia.)
- JAENSCH, R. 1985. **Brown Quail at Carnarvon.** W. Australian Natur. 16: 91. (RAOU, 30/15 Olgilvie Rd., Canning Bridge, WA 6153, Australia.)—*Coturnix australis*.
- JOHNSTONE, R. E. 1985. **Third record of Leach's Storm Petrel (*Oceanodroma leucorhoa*) in Australia.** W. Australian Natur. 16: 54. (W. Australian Mus., Francis St., Perth, WA 6000, Australia.)
- JOHNSTONE, R. E. 1985. **A Black-bellied Storm-Petrel from Western Australia.** W. Australian Natur. 16: 72-74.—*Oceanites tropicus*.
- JOSEPH, L. 1986. **Little Woodswallows at Buckaringa Gorge in the southern Flinders Ranges.** S. Australian Ornithol. 30: 22-23. (1 Angas St., Kent Town, SA 5067, Australia.)—*Artamus minor*.
- JOSEPH, L. 1986. **Chestnut-crowned Babblers west of the Flinders Ranges.** S. Australian Ornithol. 30: 27.—*Pomatostomus ruficeps*.
- MCMAMARA, J. A. 1986. **Painted Honeyeater in north-eastern South Australia.** S. Australian Ornithol. 30: 21. (153 Burbridge Rd., Hilton, SA 5033, Australia.)—*Grantiella picta*.
- MCMAMARA, J. A. 1986. **Brown Honeyeater near Coober Pedy.** S. Australian Ornithol. 30: 26.—*Lichmera indistincta*.
- NASH, A. D., & S. V. NASH. 1985. **First documented nesting of the Black Butcherbird in Irian Jaya.** Kukila 2: 43-44. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—*Cracticus gooyi*.
- NATT, V. A. 1986. ***Motacilla* wagtail sighting in Alligator Gorge, S.A.** S. Australian Ornithol. 30: 24. (11 Wilhemina St., Kingston, SA 5275, Australia.)—In typical *M. cinerea* habitat.—H.A.F.
- NEWBEY, B. J., & K. R. NEWBEY. 1985. **Birds of Lake Cassencarry.** W. Australian Natur. 16: 45-48. (P.O. Box 42, Ongerup, WA 6336, Australia.)—Waterbirds and waders.—H.A.F.
- PEDLER, L. P. 1986. **Brown Quail breeding in mid-northern South Australia.** S. Australian Ornithol.

- 30: 24-25. (Box 58, Koolunga, SA 5464, Australia.)—*Coturnix australis*.
- POSSINGHAM, H. P. 1986. **The Funereal Cockatoo on Eyre Peninsula.** S. Australian Ornithol. 30: 1-4. (St. John's Coll., Oxford OX1 3JP, UK.)—Small, isolated population of *Calyptorhynchus funereus* reduced by habitat clearance.—H.A.F.
- REID, J. 1986. **Brown Quail on the Upper Murray.** S. Australian Ornithol. 30: 25. (34 Westbury St., Hackney, SA 5069, Australia.)—*Coturnix australis*.
- RICH, P. V., & J. C. BALOUEZ. 1984. **The waifs and strays of the bird world or the ratite problem revisited, one more time.** Pp. 447-455 in Vertebrate zoogeography and evolution in Australasia (M. Archer & G. Clayton, Eds.). Perth, Hesperian Press. (Monash Univ., Clayton, Vic. 3168, Australia.)
- RICH, P. V., A. R. McEVEY, & R. F. BAIRD. 1985. **The scrub-birds (*Atrichornis*) and lyrebirds (*Menura*) of Australia. Osteological comparison and comment on their relationships.** Rec. Australian Mus. 37: 165-191.
- RINKE, D. 1986. **Notes on the avifauna of Niuafo'ou Island, Kingdom of Tonga.** Emu 86: 82-86. (Dept. Ethol., Univ. Bielefeld, P.O. Box 8640, D-4800 Bielefeld, FRG.)—Only 11 native species including endemic *Megapodius pritchardii*, which is not immediately endangered.—H.A.F.
- ROBINSON, A. C., A. SPIERS, & S. A. PARKER. 1986. **First breeding record of the Fleshy-footed Shearwater in South Australia.** S. Australian Ornithol. 30: 13-14. (S. Australian Natl. Pks. Wildl. Serv., Box 1782, Adelaide, SA 5001, Australia.)—*Puffinus carneipes*.
- SAUNDERS, D. A., & C. P. DE REBEIRA. 1986. **Seasonal occurrence of members of the suborder Charadrii (waders and shorebirds) on Rottnest Island, Western Australia.** Australian Wildl. Res. 13: 225-244. (CSIRO, LMB No. 4, Midland, WA 6056, Australia.)—Covers 22 species; 16 transequatorial migrants.—H.A.F.
- SMITH, L. A., & R. E. JOHNSTONE. 1985. **The birds of Lake Macleod, upper west coast, Western Australia.** W. Australian Natur. 16: 83-87. (W. Australian Mus., Francis St., Perth, WA 6000, Australia.)
- SONTER, C. 1986. **A third specimen record and additional notes on the Spotted Pardalote *Pardalotus punctatus* in Sunraysia.** Australian Bird Watcher 11: 181-184. (72 San Mateo Ave., Mildura, Vic. 3500, Australia.)
- SONTER, C. 1986. **The Yellow-tipped Pardalote *Pardalotus striatus striatus* in Sunraysia.** Australian Bird Watcher 11: 240-242.
- TRELOAR, K., L. UNDERWOOD, & J. REID. 1986. **Colonial breeding of the Little Egret *Ardea garzetta* at Price, South Australia.** S. Australian Ornithol. 30: 20. (15 West Terr., Minlaton, SA 5575, Australia.)—Second breeding record for state.—H.A.F.
- VINCENT, D. J., & P. PATON. 1986. **A breeding colony of Little Egrets near Torrens Island.** S. Australian Ornithol. 30: 19. (3 Buchan Ave., Beaumont, SA 5066, Australia.)—*Ardea garzetta*; third breeding record for state.—H.A.F.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—NEARCTIC

- BOYD, R. 1985. **First nesting record of the Ash-throated Flycatcher in Kansas and an additional nesting record for the Black-billed Magpie.** Kansas Ornithol. Soc. Bull. 36: 34. (Biol. Dept., Baker Univ., Baldwin City, KS 66006 USA.)
- BRYANT, R. L. 1983. **Eared Grebes make first recorded nesting attempt in Kansas.** Kansas Ornithol. Soc. Bull. 34: 27. (Quivira NWR, Box G, Stafford, KS 67578 USA.)
- BUTLER, R. W., B. G. STUSHNOFF, & E. McMACKIN. 1986. **The birds of the Creston Valley and south-eastern British Columbia.** Can. Wildl. Serv. Occ. Pap. 58, 37 pp. (Can. Wildl. Serv., Box 340, Delta, BC V4K 3Y3, Can.)—Counts show land birds increased in valley since 1950. Area important for migrating waterfowl in spring and fall.—J.P.R.
- CABLE, T. T., & D. A. RINTOUL. 1985. **Thayer's Gull in Riley County: first documented occurrence in Kansas.** Kansas Ornithol. Soc. Bull. 36: 21-22. (Dept. Forestry, Kansas State Univ., Manhattan, KS 66506 USA.)
- CLAPP, R. B. 1983 (1986). **Second nesting record for Cedar Waxwings in Worcester County, Maryland.** Maryland Birdlife 39: 95. (3411 29th St. NW, Washington, DC 20008 USA.)
- CZAPLAK, D. S. 1983 (1986). **First breeding record of Brown Creeper in the District of Columbia.** Maryland Birdlife 39: 95. (3411 29th St. N.W., Washington, DC 20008 USA.)
- EVANICH, J. 1986. **Results of a spring pelagic trip off Oregon.** Oregon Birds 12: 36-38. (2524 NE Halsey #2, Portland, OR 97232 USA.)—Exceptional records include 500 breeding-plumaged *Gavia pacifica*, 5,000+ *Puffinus griseus*, 2 *P. tenuirostris*, 1 unusual *P. carneipes*, and 30 *Calidris canutus*.—O.L.S.
- GERBER, D. T. 1986. **Female Golden-fronted Woodpecker or mutant female Red-bellied Woodpecker?** Amer. Birds 40: 203-204. (Dept. Biol. Sci., Clemson Univ., Clemson, SC 29631 USA.)—Tail pattern useful field character for distinguishing *Melanerpes aurifrons* from abnormally plumaged *M. carolinus*.—J.L.T.
- GOETZ, R. E., W. B. RUDDEN, & P. B. SNETSINGER. 1986. **Slaty-backed Gull winters on the Mississippi River.** Amer. Birds 40: 207-216. (Dept. Math., Washington Univ., St. Louis, MO 63130 USA.)—Detailed descriptions and photographs of first North American record of *Larus schistisagus* away from N. Pacific Ocean, December 1983-January 1984.—J.L.T.
- GREGG, R. J. 1982. **Red-breasted Nuthatch nesting in Sedgwick County.** Kansas Ornithol. Soc. Bull. 33: 37-39. (Wichita Board Park Comm., 455 N. Main,

- Wichita, KS 67202 USA.)—In S. Kansas; photos.—J.L.Z.
- HANEY, J. C. 1985. **Band-rumped Storm-Petrel occurrences in relation to upwelling off the coast of the southeastern United States.** *Wilson Bull.* 97: 543-547. (Dept. Zool., Univ. Georgia, Athens, GA 30602 USA.)—*Oceanodroma castro*.
- HARRELSON, P. 1983 (1986). **European Goldfinch seen in Anne Arundel County.** *Maryland Birdlife* 39: 110-111. (1149 Riverside Dr., Annapolis, MD 21401 USA.)—On 17 April 1983.—H.B.
- HAYES, F. E., & W. K. HAYES. 1983 (1986). **First Willet in the Maryland Piedmont.** *Maryland Wildlife* 39: 97. (Dept. Biol., Loma Linda Univ., Riverside, CA 92515 USA.)—On 5 August 1978.—H.B.
- HOLT, D. W., ET AL. 1986. **First record of Common Black-headed Gulls breeding in the United States.** *Amer. Birds* 40: 204-206. (122 Graymore Rd., Waltham, MA 02154 USA.)—Pair with nest and eggs, Monomoy Is., Massachusetts, May-June 1984.—J.L.T.
- HUBBARD, J. P., & A. L. GENNARO. 1985. **Ruby-throated Hummingbird in New Mexico.** *Amer. Birds* 39: 134. (2016 Valle Rio, Santa Fe, NM 87501 USA.)—Two specimens of *Archilochus colubris* from Portales, Roosevelt Co., 4 October 1974 and 26 September 1976, provide first credible records for state and establish only second place of verified occurrence in SW USA.—J.L.T.
- KIFF, L., ET AL. 1986. **Birds of the lower Ohio River Valley in West Virginia.** *Brooks Bird Club Spec. Publ.* 1, 47 pp. (Western Foundation Vert. Zool., 1100 Glendon Ave., Los Angeles, CA 90024 USA.)—Annotated list.—F.E.L.
- LAMBETH, D. O., M. A. BERGAN, & R. L. NELLERMOE. 1986. **Nesting records for Piping Plover in the Red River Valley of North Dakota.** *Prairie Natur.* 18: 142. (1909 20th Ave. S., Grand Forks, ND 58201 USA.)—Three records at waste-water lagoons, first for Agassiz Lake Plain.—A.M.W.
- LISH, J. W., & W. G. VOELKER. 1986. **Field identification aspects of some Red-tailed Hawk subspecies.** *Amer. Birds* 40: 197-202. (Coop. Fish Wildl. Res. Unit, Oklahoma State Univ., Stillwater, OK 74078 USA.)
- MURPHY, E. C., A. M. SPRINGER, & D. G. ROSENEAU. 1986. **Population status of Common Guillemots *Uria aalge* at a colony in western Alaska: results and simulations.** *Ibis* 128: 348-363. (Inst. Arctic Biol., Univ. Alaska, Fairbanks, AK 99775 USA.)—Factors influencing survival implicated in decline between 1978 and 1983.—I.C.C.
- PETERSON, W. R., B. J. NIKULA, & D. W. HOLT. 1986. **First record of Brown-chested Martin for North America.** *Amer. Birds* 40: 192-193. (22 Hutchinson Terr., Whitman, MA 02382 USA.)—*Phaeoprogne tapera*, 12 June 1983, Monomoy Is., Massachusetts. Specimen.—J.L.T.
- POWERS, L. R. 1985. **A third Idaho record of the Ovenbird.** *Murrelet* 66: 93. (Dept. Biol., Northwest Nazarene Coll., Nampa, ID 83651 USA.)
- RIMMER, C. C. 1986. **Identification of juvenile Lincoln's and Swamp sparrows.** *J. Field Ornithol.* 57: 114-125. (Vermont Inst. Nat. Sci., Woodstock, VT 05091 USA.)—Key for separating *Melospiza lincolni* and *M. georgiana* using incoming basic breast and side feathers or relative lengths of 9th and 4th primaries. Mouth color is reliable only at 2 extremes.—R.A.I.
- RINTOUL, D. A. 1984. **Glaucois Gulls in Riley County.** *Kansas Ornithol. Soc. Bull.* 35: 22-23. (Div. Biol., Kansas State Univ., Manhattan, KS 66506 USA.)—Second state record; photos.—J.L.Z.
- ROSS, B. M. 1983 (1986). **Swainson's Warbler caught and banded in Baltimore County.** *Maryland Birdlife* 39: 63. (308 Thornhill Rd., Baltimore, MD 21212 USA.)—Piedmont site, 24 May 1983; photo.—H.B.
- SUTTON, C., & P. SUTTON. 1986. **Breeding birds of Bear Swamp, Cumberland County (New Jersey), 1981-1985.** *Rec. New Jersey Birds* 12: 21-24. (129 Buck Ave., Cape May Court Ho., Cape May, NJ 08210 USA.)—Reports 104 breeding species.—R.K.
- TAYLOR, D. M., & C. H. TROST. 1985. **The Common Grackle in Idaho.** *Amer. Birds* 39: 217-218. (Dept. Biol., Idaho State Univ., Pocatello, ID 83209 USA.)—Summarizes all records since first sighting in 1950.—J.L.T.
- THOMPSON, M. C., W. CHAMPENY, & J. NEWTON. 1983. **Records of the Garganey in Kansas.** *Kansas Ornithol. Soc. Bull.* 34: 29-30. (Dept. Biol., Southwestern Coll., Winfield, KS 67156 USA.)—*Anas querquedula* in Sumner Co.; photo.—J.L.Z.
- THOMPSON, S. P., & D. K. McDERMOND. 1985. **Summary of recent Northern Harrier nesting in western Washington.** *Murrelet* 66: 82-84. (Stillwater Wildl. Mgmt. Area, P.O. Box 1236, Fallon, NV 89406 USA.)
- WEEDEN, R. B., & J. S. WEEDEN. 1985. **An Ovenbird in Alaska.** *Murrelet* 66: 93-94. (P.O. Box 80425, Fairbanks, AK 99708 USA.)—Second modern record.—J.S.M.
- ZEMBALL, R., & B. W. MASSEY. 1985. **Distribution of the Light-footed Clapper Rail in California, 1980-84.** *Amer. Birds* 39: 135-137. (USFWS, 24000 Avila Rd., Laguna Niguel, CA 92677 USA.)—*Rallus longirostris levipes* found in 21 of 35 marshes surveyed, with 86-95% of 173-277 pairs detected annually concentrated in 6 marshes. Habitat loss major threat to survival.—J.L.T.

TAXONOMY, SYSTEMATICS, AND FAUNISTICS—NEOTROPICS

- ANTAS, P. DE T. Z., C. YAMASHITA, & M. DE P. VALLE. 1986. **First record of Purple Martin (*Progne subis*) in Mato Grosso State, Brazil.** *J. Field Ornithol.* 57: 171-172. (CEMAVE, Caixa Postal 04/34, Brasília-DF, CEP 70.000, Brazil.)
- BUDEN, D. W. 1985. **New subspecies of Thick-billed**

- Vireo (Aves: Vireonidae) from the Caicos Islands, with remarks on taxonomic status of other populations.** Proc. Biol. Soc. Washington 98: 591-597. (Worcester Sci. Ctr., Harrington Way, Worcester, MA 01694 USA.)—*Vireo crassirostris stalagmium*.
- CAPPARELLA, A. P. 1986. **First record of Yellow-colored Chlorophonia for Middle America.** Amer. Birds 40: 194-195. (Mus. Zool., Louisiana State Univ., Baton Rouge, LA 70803 USA.)—*Chlorophonia flavirostris*, 31 January 1983, Cerro Pirre, Darien, Panama. Photographs.—J.L.T.
- CUELLO, J. P. 1985. **Lista de referencia y bibliografía de las aves Uruguayas.** Mus. Damaso Antonio Larrañaga Ser. Divul. 1, 116 pp. (Rambla República de Chile 4215 Buceo, Montevideo, Uruguay.)—Complete list of birds seen in Uruguay and of references to them. (Spanish.)—B.G.B.
- DOD, A. S. 1986. **Hispaniola's first Black Rail (*Laterallus jamaicensis*).** Amer. Birds 40: 196. (Box 1053, Santa Domingo, Dominican Republic.)
- DONAHUE, P. K. 1986. **Sight record of Red Knot for Bolivia.** Amer. Birds 40: 224. (P.O. Box 1036, Brunswick, ME 04011 USA.)
- SCHULENBERG, T. S., & L. C. BINFORD. 1985. **A new species of tanager (Emberizidae: Thraupinae, *Tangara*) from southern Peru.** Wilson Bull. 97: 413-420. (Mus. Zool., Louisiana State Univ., Baton Rouge, LA 70803 USA.)—*T. meyerdeschauensei*, n. sp.; color frontis by J. P. O'Neill.—F.E.L.
- SOFIA MANGHI, M. 1984. **[A new subspecies of *Podiceps major* Boddart (Aves, Podicipedidae).]** Comunicaciones Mus. Argentino Cienc. Nat. "B. Rivadavia" 4(14): 115-119. (CONICET, Mus. Cienc. Nat., Buenos Aires, Argentina.)—*P. m. navasi* n. ssp. from subantarctic forest of southern Patagonia. Differs from nominate race in larger size, more robust bill, and slight color differences. (Spanish.)—J.W.F.
- THURBER, W. A. 1986. **Range expansion of the House Sparrow through Guatemala and El Salvador.** Amer. Birds 40: 341-350. (Cornell Lab. Ornithol., 159 Sapsucker Woods Rd., Ithaca, NY 14850 USA.)—Chronicles rapid expansion by *Passer domesticus* since first sighting in Guatemala in 1970. In 1977 birds nested in 26 of 86 cities and towns searched in El Salvador, with estimated population of 1,100-1,500 birds.—J.L.T.
- TAXONOMY, SYSTEMATICS, AND FAUNISTICS—ORIENTAL**
- ANDREW, P. 1985. **Notes on some Timor birds.** Kukila 2: 92-95. (P.O. Box 905/KBY, Jakarta 12001, Indonesia.)—Documents 7 new species for Timor and information on other little-known Timor birds.—K.D.B.
- BALEN, S. V. 1985. **Short notes on the occurrence of grey phase Black-headed Bulbuls *Pycnonotus atriceps* especially on Java.** Kukila 2: 86-87. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- BISHOP, K. D., & S. COOK. 1985. **Orange-flanked Bluetails *Tarsiger cyanurus* wintering in south-east Sumatra.** Kukila 2: 70. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—First record for Indonesia.—K.D.B.
- BISHOP, K. D., & B. KING. 1985. **The Sunda Serin *Serinus estherae* in Sulawesi.** Kukila 2: 90-92.—Report of unusual erythristic phase.—K.D.B.
- BRAZIL, M. 1983. **A sight record of Yellow-legged Herring Gull from Kyushu, Japan.** Tori 32: 112-113. (Wild Bird Soc. Japan, Aoyama Flower Bldg., 1-1-4 Shibuya, Shibuya-ku, Tokyo 150, Japan.)—Two *L. argentatus mongolicus* 21 March 1983; new for Japan.—D.W.M.
- COMPOST, A., & G. R. MILTON. 1985. **An early arrival of the Malayan Night-Heron *Gorsachius melanolophus* in Java?** Kukila 2: 88-90. (Green Indonesia Foundation, P.O. Box 208, Bogor 16001, West Java, Indonesia.)—Single bird in immature plumage recorded in Ujung Kulon National Park, early August 1982.—K.D.B.
- VAN HELVOORT, B. E. 1985. **A breeding record of Great Thick-knee *Esacus magnirostris* (Viellot) on Bali.** Kukila 2: 68-69. (Beneden Beeklop 48, NL. 5662 Geldrop, Netherlands.)—First for Bali.—K.D.B.
- KAZAMA, T. 1983. **[First record of *Oceanodroma tristrami* for Niigata Prefecture, Honshu.]** Tori 32: 31. (Sakai 1398-3, Niigata-shi, Niigata 950-21, Japan.)—Captured January 1983; second Honshu record on Sea of Japan side. (Japanese, English summary.)—D.W.M.
- MIKKOLA, H. 1985. **Barn Owl *Tyto alba* in Bali.** Kukila 2: 95. (CIC Fisheries Gp., Jl. Gayung Kebonsari VIII/12, Wonocolo, Surabaya, East Java, Indonesia.)—First record on Bali.—K.D.B.
- MILTON, G. R. 1985. **Notes on the distribution of the Masked Finfoot *Heliopais personata* in Indonesia.** Kukila 2: 41-43. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)—Reviews records for Sumatra and first record for Java.—K.D.B.
- MILTON, G. R., & A. MARHADI. 1985. **The bird life of the nature reserve Pulau Dua.** Kukila 2: 32-41.—Detailed survey of this important Indonesian reserve, including counts of all breeding colonial waterbirds.—K.D.B.
- NASH, A. D., & S. V. NASH. 1985. **Breeding notes on some Padang-Sugihan birds.** Kukila 2: 59-63. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- NASH, S. V., & A. D. NASH. 1985. **A checklist of the forest and forest edge birds of the Padang-Sugihan wildlife reserve, south Sumatra.** Kukila 2: 51-59. (World Wildl. Fund, P.O. Box 133, Bogor, Java, Indonesia.)
- SILVIUS, M. J., & W. J. M. VERHEUGT. 1985. **The birds of Berbak game reserve, Jambi Province, Sumatra.** Kukila 2: 76-84. (World Wildl. Fund, P.O. Box 10769, Kuala Lumpur, Malaysia.)—First record of *Sterna caspia* for Sumatra and shorebird counts, including 97+ *Limnodromus semipalmatus*.—K.D.B.

- TAKEUCHI, K. 1983. [Breeding of Little Tern on the west coast of Aomori Prefecture.] *Tori* 32: 32. (Shibata Primary Sch., Shibata Yayoida 2-1, Kizukuri, Aomori 038-31, Japan.)—Most northern breeding sites of *Sterna albifrons* in Japan. Clutch size and hatching dates included. (Japanese, English summary.)—D.W.M.
- WANG ZHIJUN. 1986. [Preliminary analysis on the bird community of the evergreen broadleaf forests in the Ailao Mountains, Yunnan Province.] *Dongwuxue Yanjiu* 7: 166-174. (Ecol. Lab., Kunming Branch, Acad. Sinica, Peoples' Republic of China.)—Discusses vertical migration. (Chinese, English summary.)—I.C.C.
- WON, P.-O. 1986. Bird collections from Philippines. *Bull. Inst. Ornithol. Kyung Hee Univ.* 1: 87-94. (Inst. Ornithol. Kyung Hee Univ., Seoul 131, Korea.)—List of 197 specimens of 78 species, with dates, from Luzon and Palawan islands now at Museum of Kyung Hee University.—M.D.F.U.
- YAMAGISHI, S. 1983. First record of egg-laying of the Common Cuckoo *Cuculus canorus* in the Osaka Plain. *Tori* 32: 33-34. (Dept. Biol., Osaka City Univ., Sugimoto 3-3-138, Sumiyoshi-ku, Osaka 558, Japan.)—Breeding range in Japan expanding; 3 hosts cited.—D.W.M.
- TAXONOMY, SYSTEMATICS, AND
FAUNISTICS—PALEARCTIC**
- ANONYMOUS. 1985. [Faunistic Commission—special report.] *Notatki Ornitol.* 26: 247-254. (Muz. Przyrodnicze UWr, Sienkiewicza 21, 50-335 Wrocław, Poland.)—Polish Rarities Committee presents annotated list of rejected records. (Polish, English summary.)—T.W.
- ALONSO, J. C. 1985. Description of intermediate phenotypes between *Passer hispaniolensis* and *Passer domesticus*. *Ardeola* 32: 31-38. (Mus. Nacl. Cienc. Nat., CSIC, José Gutierrez Abascal 2, E-28006 Madrid, Spain.)
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