

NOTES, NEWS, AND QUERIES

Raptor Research News. The editors are happy to see this double issue complete the volume for 1971. We are pleased that our readers have borne with us as we have tried to get back on schedule following earlier delays. We are happy also that our new Editor, Dr. Richard R. Olendorff, is hard at work and the first issue in our new format as *Raptor Research* is ready for printing. The first several parts of the supplement on the Special Conference on Captivity Breeding of Birds of Prey are also being processed. An analytical index for Volumes 4 and 5 has been started but its completion is postponed until current publications are on schedule.

The present editors have noted that some readers have been confused on the editorial policy of this journal. From time to time we have published papers which have not presented new information, but have given an individual's point of view. Publication of such papers does not necessarily constitute endorsement by either *Raptor Research News* or by Raptor Research Foundation. Instead our aim has been the stimulation of discussion by presenting varied points of view.

Another source of confusion has been extensive reports of meetings or conferences. We have felt that such reports would help our readers know what is going on; it is never intended that specific items of data mentioned would supercede more formal reports. Readers should avoid citing these meeting reports unless they consult with the person responsible for the original data; usually a more adequate primary source will be available. In order to emphasize the differences between original research and secondary sources in the future these materials will be in different parts of the journal.

Conference on Raptor Conservation Techniques – Date Correction. Because of unavoidable conflict the dates listed in the last issue of the *News* will have to be changed. The conference will be held March 18-21, 1973. Further information will be announced later.

This change in date will be a disadvantage to those concerned with breeding, so a special meeting is being organized on this topic for early fall 1972.

Raptor Research Abstracts. The first issue of this new journal is in preparation. It will consist mostly of a detailed description of the processing procedures for the preparation of the individual abstracts. It will thus serve as a general introduction for the user but will also be a guide for the cooperators who have agreed to survey the literature of a particular journal. As soon as this issue is out recruitment of cooperators will begin.

North American Osprey Research Conference. The Department of Biology at the College of William and Mary, Williamsburg, Virginia, sponsored this conference February 10 to 12, 1972. A printed Proceedings of the Conference is planned by the sponsor.

Ireland Peregrine Survey—Fourth Year. There apparently were at least 163 pairs of Peregrines breeding successfully in the Republic of Ireland about 1950. When the Peregrine Survey began in 1967 only 36 pairs which seemed to be breeding successfully were found, and in 1969 only 16 pairs. The Survey was continued in 1970 and a total of only 14 pairs were found which were breeding or probably breeding successfully. Even this included one previously unknown breeding site. A number of cliffs which had held breeding pairs in 1969 were not occupied by a breeding pair this year, and vice versa. The 1970 results therefore confirm the very substantial, widespread and unprecedented decline in the breeding population since 1950, and even since 1967, and confirm that the remaining pairs exhibit much breeding failure. (Only four cliffs are known to have held successfully breeding pairs in all of the years 1967-1970). David Norriss, the Trinity graduate who has been doing research on pesticides in the prey of the Peregrine, as a result of the findings of the Peregrine Survey, took an active part in the Survey in 1970, and the I.W.C. have been helping him with his work. He is lecturing on his research at the 1971 All-Ireland Conference in Co. Down. We are grateful to him, and to the Royal Irish Academy, for help with the Survey.

Fourteen pairs may not be the total Irish population still breeding, as not every site used in the past was visited in

1970. However, checks at other cliffs, and the very few records of Peregrines produced by Atlas observers, suggest that very few breeding pairs are missed by the Survey.

(From *Report of the Irish Wildbird Survey 1970*, p. 9, sent in by J. J. Hickey.)

Pole Shooters. The extent to which birds of prey are being shot at by that small but unsavory segment of gunners known as "road hunters" is shown in the results of a recent study in Utah.

The survey centered on a 12-mile stretch of gravel road paralleled by utility poles, which hawks, eagles, and owls regularly use as perches.

On the first count, 30 birds were found dead. In a year and a half, 47 eagles and hawks, plus one great horned owl, were found dead in the survey area. Twenty-six were golden eagles, including four found under two adjacent poles. Most of the eagles were immature birds, unafraid of humans. (From *Outdoor Oklahoma*, November 1971, sent in by M. Alan Jenkins.)

California Condor Colony Reported in Mexico. The nearly extinct California condor may be alive and well in Mexico.

Evidence that a formerly undiscovered colony of the rare bird may be living on the Baja California Peninsula was released last week following a 10-day expedition into the area in late June.

In a joint announcement, representatives of the Mexican government and the Western Foundation of Vertebrate Zoology reported the findings of the expedition, which was prompted by sightings of the giant vulture in the mountains of north-central Baja California, Mexico.

David Siddon, a freelance writer and nature enthusiast, led the four-man expedition into the western slopes of the mountains. He reported seeing one of the birds perched on a pine tree from a distance of about 250 yards.

Although no photographs of the bird were taken, more tangible proof of the presence of the condor in Mexico rests on four authenticated feathers found near and photographs of large tracks found nearby.

(From *Minneapolis Tribune*, August 15, 1971.)

RAPTOR RESEARCH SURVEY: 1971

Adamson, J. C. (5000 Rocklin Rd., Rocklin, CA 95677); Requirements for successful captive breeding of avian carnivores, in particular *Falco columbarius* (in progress).

Allen, David E. (11332 Sunnyslope, Kansas City, MO 64134); Captivity Breeding (in progress).

Anderson, D. W. (Bur. Sport Fisheries & Wildlife, PO Box C, Davis, CA 95616); Eggshell changes in European raptors (with J. J. Hickey, manuscript in preparation); (see Hickey, J. J.).

Berry, R. B. (see Ward, F. P., 3).

Belyea, Glenn Y. (2700 Eaton Rapids Rd., No. 121, Lansing, MI 48901); A population study of Red-tailed Hawks and Great Horned Owls in southern Michigan (temporary title, in progress).

Bierregaard, Richard (Taylor Rd., Mt. Kisco, NY 10549); (1) Breeding biology of the Harriers on Martha's Vineyard, MA (in progress); (2) Effect of nest site availability on American Kestrel populations (in progress); (3) Eggshell weights of North American accipiters (planning); (4) Visual anti-prey adaptations in birds of prey (manuscript).

Bos, J. Henri (Box 1019, OSRO, Bio-Medical Research Institute, Kamuela, HI 96743); Distribution and home range of *Buteo solitarius* (in progress).

Brisbin, I. L., Jr. (Drawer E, Ecology Lab., Aiken, SC 29801); (1) Bioenergetics of growth in nestling hawks and owls (in progress); (2) Body composition and caloric density of growing raptors (in progress); (3) Bioenergetics of breeding cycle of captive-breeding raptors (in progress); (4) Biological accumulation and half-life of ^{137}Cs in raptors of the AEC Savannah River plant (in progress).

Brooker, M. G. (CSIRO, Dept. of Wildlife Research, Clayton Rd., Helena Valley, W. Australia); Ecology of the Wedge-tailed Eagle (*Aquila audax*) (in progress).

Bush, Robert E. (720 N. Tropical Trail, Merritt Island, FL 32952); Habitat simulation for captive breeders, a theoretical discussion of environmental determinants of aggressive and breeding behavior (nearly finished).

Campbell, R. Wayne (301-621 Gilbert Rd., Richmond, BC, Canada); Raptor populations in southwestern British Columbia (planning).

Catlin, P. Miles (104 Victoria Park Ave., Toronto 13, Ontario, Canada); Studies of owls in Ontario, Canada (in progress).

Cleaver, James K. (1311 S. University Blvd., Denver, CO 80210); Post fledging and fledging in raptorial birds—a review (in progress).

Cooper, J. E. (Vet. Res. Lab., PO Kabete, Kenya); Diseases of birds of prey (in progress; several papers published).

Cragg, Peter C. (W. 40, 703 Stadium Dr., San Antonio, TX 78212); Observations of raptors in south Texas chaparral country (in progress).

Duke, Gary E. (Col. Vet. Med., University of Minnesota, St. Paul, MN 55101); (1) Standard metabolic rate of Great Horned Owls under several environmental conditions (planning); (2) Transit times and metabolizability of two diets for Great Horned Owls (planning).

Ellis, David (Montana Cooperative Wildlife Research Unit, Univ. of Montana, Missoula, MT 59801); Nesting behavior of the Golden Eagle (in press).

Ellis, Lon E. (950 N. Tropical Trail, Merritt Island, FL 32952); Bald Eagle reproduction, east coast (central) Florida (in progress).

Enderson, James H. (See Temple, S. A., 4).

Fairchild, D. G. (see Ward, F. P., 1).

Fox, Glen A. (Dept. of Zoology, Univ. of Alberta, Edmonton 7, Alberta, Canada); Recent changes in the reproductive success of the Pigeon Hawk (*J. Wildlife Management* 35(1): 122-128, 1971).

Fyfe, Richard (Can. Wildlife Service, 10015 103rd Ave., Edmonton, Alberta, Canada); Prairie Falcon breeding behavior (in progress).

Halliwell, Wm. H. (Dept. of Vet. Path., University of Missouri, Columbia, MO 65201); Avian pox in immature Red-tailed Hawk (submitted to *J. Wildlife Diseases*, Feb., 1971).

Hamerstrom, Frances (Plainfield, WI 54966); (1) Ambrose [Great Horned Owl] (in *Alive in the Wild*, Prentice-Hall, 1970); (2) A hawk in Louisiana [Prairie Falcon] (*The Falconer*, 1970); (3) *An Eagle to the Sky* [Golden Eagle] (Iowa State University Press, 1970); (4) Harrier population study 1968-1969 (*Raptor Research News*, 1970); (5) Three poisons [DDT] (*Passenger Pigeon*, 1970); (6) How to visit the nest of a ground nesting bird (Memo to All Bird Banders, U. S. Department of Interior, 1970); (7) Dead on my kitchen floor

[Peregrine Falcon] (*Purple Martin Capital News*, 1970); (8) Cloacal sexing of raptors (*Auk* 88(1):173-174, 1971).

Heintzelman, Donald (629 Green Street, Allentown, PA 18102); The hawks of New Jersey (*Bulletin* 13, *New Jersey State Museum*, 103 pp., 1970).

Heugly, Leo (222 N. 1200 W. No. 37, Orem, UT 84057); Golden Eagle—Domestic Sheep interaction in central Utah (planning).

Hickey, J. J. (Dept. of Wildlife Ecology, University of Wisconsin, Madison, WI 53706); Mercury levels in Peregrine Falcons (manuscript nearly finished, with D. W. Anderson); (see Anderson, D. W.).

John, David T. (Dept. of Zoology, Univ. of Georgia, Athens GA 30601); Captive breeding of a pair of Rufous-thighed Falconets (in progress).

Johnson, Donald (Biology Dept., Univ. of Idaho, Moscow, ID 83843); Productivity and food habits of northern Idaho Ospreys (one year of data).

Johnson, Sara (Dept. of Zoology, Montana State University, Bozeman, MT 59715); Reproductive ecology of Red-tails of Gallatin Valley, Montana, a telemetry study on the post-fledgings (in progress).

Koplin, James (School of Natural Res., Humboldt State College, Arcata, CA 95521); Flathead Lake Osprey study (in progress).

Kuyt, Ernie (Box 85, Ft. Smith, N.W.T., Canada); Distribution, breeding biology, and population changes of raptors in the Thelon Game Sanctuary, N.W.T. (finished first draft of manuscript).

Magee, William R. (8305 Slough Rd. NW, Carroll, OH 43112); Breeding Red-tails at tame hack (in progress).

Marti, Carl D. (Dept. of Zoology, Weber State College, Ogden, UT 84403); Ten year analysis of Barn Owl foods (nearly finished).

Mesch, Ken (Dept. of Biology, Univ. of Colorado, Boulder, CO 80302); Mating behavior of the Harris Hawk (manuscript).

Mueller, Helmut C. (Zoology Dept., Univ. of North Carolina, Chapel Hill, NC 27514); An experimental analysis of some aspects of predatory behavior (in progress).

Nicholls, Thomas H. (North Central Forest Experiment Station, Folwell Ave., St. Paul, MN 55101); Barred Owl habi-

tat use as determined by radio telemetry (manuscript).

Ogden, Verland (Rt. 1, Kuna, ID 83634); Nesting ecology of the Prairie Falcon along Snake River in southwestern Idaho (in progress).

Parker, J. W., Jr. (Museum of Natural History, University of Kansas, Lawrence, KS 66044); (1) Ecology and population dynamics of Mississippi Kite (nearly finished); (2) Population fluctuations and activity of Marsh Hawks near a roost in Kansas (manuscript); (3) Effects of vegetational and meteorological factors on the behavior of Marsh Hawks (nearly finished).

Peters, James W. (Box 271A, Piney Grove Rd., Reisters-town, MD 21136); Peregrine breeding in captivity—management problems (in progress).

Ray, Thomas D. (1560 Ogden St. No. 13, Denver, CO 80218); (1) Work on Golden Eagle (in press); (2) Banding techniques (in progress).

Robinson, William H. (Rt. 1, Box 202, Saugerties, NY 12477); Population and ethological studies of the Goshawk in New York State (in progress).

Roseneau, D. G. (Biology Dept., University of Alaska, College, AK 99701); Population, distribution, and food habits of Gyrfalcons (in progress); (see Springer, A. M., 2).

Ross, James T. (708 Dale Ave., Cumberland, MD 21502); (1) Reproductive responses of *Falco mexicanus* in captivity (in progress); (2) Sexing Red-tailed Hawks (in progress).

Ruos, James L. (Stabean Dr., Fulton, MD 20759); Correlation of weather and arctic Peregrine productivity (nearly finished).

Scharf, W. C. (Northwestern Michigan College, Traverse City, MI 49684); (1) Growth and development of nesting Hen Harriers (in press, *Ibis*); (2) Differential growth rates of individual nestling Hen Harriers (in progress); (3) Morphological comparison of two populations of *Circus cyaneas* (in progress).

Scharff, Jim (6300 E. 1st, Box 67, Spokane, WA 99206); Migration study of raptors—wind, weather, flyways, etc. of the Pacific Northwest, with migrating and wintering birds of prey (in progress).

Scott, Vere H. (Dept. of Mines & Nat. Res., 1301 Ellice Ave., Winnipeg R3G0G1, Manitoba, Canada); Survey of rare raptors in southwestern Manitoba (planning).

Servheen, Christopher (Wildlife Research Unit, Univ. of Montana, Missoula, MT 59801); (1) Factors affecting pesti-

cide induced mortality in young birds with special reference to the Golden Eagle (manuscript); (2) Molt study of Golden Eagle (in progress).

Snelling, John C. (17 Lake Rd., Dryden, NY 13053); (1) Ecology of African eagles (manuscript); (2) Biocide contamination of African falcons and accipiters (manuscript).

Snyder, Helen (see Snyder, N.).

Snyder, Noel (5113 127th Ave., Tampa, FL 33617); Ecology and behavior of American accipiters (last year of 3-year study with Helen Snyder).

Society for the Preservation of Birds of Prey (PO Box 293, Pacific Palisades, CA 90272); (1) Southern California raptor populations (in progress); (2) State and provincial laws relating to raptor protection (in press).

Spofford, Walter R. (Aviana, Box 428, Etna, NY 13062); Survey, populations of Appalachian Golden Eagles (continuing).

Springer, A. M. (Biology Dept., University of Alaska, College, AK 99701); (1) Population, distribution, food habits, and pesticide of Rough-legged Hawks (in progress); (2) Breeding biology and pesticides of Hawk Owl (with L. G. Swartz, D. G. Roseneau, W. E. Walker, in progress).

Stendell, Rey C. (Museum of Vertebrate Zoology, University of California, Berkeley, CA 94720); Some aspects of the relationship between a population of White-tailed Kites and its prey (nearly finished).

Swartz, L. G. (Biology Department, University of Alaska, College, AK 99701); Photoperiodic responses and captive breeding of Merlins, Peregrines, Gyrfalcons (manuscript in preparation); (see Springer, A. M., 2).

Temple, Stanley A. (Laboratory of Ornithology, Cornell Univ., Ithaca, NY 14850); (1) Competition and resource utilization by prairie raptors (in progress); (2) Chlorinated hydrocarbons and reproductive success in eastern North American Merlins (in press, *Condor*); (3) Systematics and evolution of the North American Merlins (in press, *Auk*); (4) Nesting behavior of Yukon River Peregrine Falcons (with James H. Enderson; Manuscript); (5) Successive artificial insemination of a Red-tailed Hawk (manuscript).

Vuichich, J. V. (see Ward, F. P., 1).

Walker, W. E. (Biology Department, University of Alaska, College, AK 99701); Ecology, breeding biology, and pesticides of Gyrfalcons; (see Springer, A. M., 2).

Ward, F. Prescott (Med. Res. Lab., Dept. Vet. Med., Edgewood Arsenal, MD 21010); (1) Inclusion body hepatitis in a Prairie Falcon (in press, *J. Wildlife Diseases*, with D. G. Fairchild and J. V. Vuicich); (2) Thiamine deficiency in a Peregrine Falcon (*J. Amer. Vet. Med. Assoc.*, in press); (3) Autumn migration of Peregrine Falcons on Assateague Island in 1970 (with R. B. Berry; submitted to *Auk*, Feb. 1971); (4) Air sac parasitisms in captive falcons (manuscript); (5) Aspergillosis and inclusion body hepatitis in a Peregrine Falcon (manuscript).

White, Clayton (575 Widtsoe Building, BYU, Provo, UT 84601); Aleutian Island Peregrine and Bald Eagle populations (in progress, part in press).

Williamson, David R. (4328 Lambeth Lane, Ft. Worth, TX 76103); Breeding Merlins (planning).