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Recent Literature

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Banding History and Biography

Professor William Rowan/ornithologist and artist, E. O. Hohn. 1984. *Alta. Nat.* 14:126-130. - 11511-78 Ave., Edmonton, Alta. T6G 0N4 -(Brief biography of pioneer researcher on the effects of light and photoperiod on bird migration, who used banded birds in his experimental releases.) MKM

The Bulletin of the Great Lakes Ornithological Club, 1905-1909. J. Cranmer-Byng. 1985. *Ont. Birds* 3:45-54. - 26 Idleswift Dr., Thornhill, Ont. L4J 1K9 - (Includes a 1905 note on tagging birds by P. A. Taverner, an account by J. H. Fleming of banding an American Robin in Toronto as the first known banding of a bird there, and Taverner's first recovery -a Northern Flicker banded in Iowa and recovered 650 miles away in Louisiana.) MKM

Banding Equipment and Techniques

Finding and trapping nightjars. H. D. Jackson. 1984. *Bokmakekierie* 36:86-89. -Nat. Hist. Mus. of Zimbabwe (Natl. Mus.), Box 240, Bulawayo, Zimbabwe - (Headlamps were used to find male nightjars of 5 species on nests at night, and the birds were then captured with a hand net. Females were caught by returning to the nest in the day and flushing the bird into a mist net. These techniques resulted in the capture of 107 birds from 1972 to 1975, with only 2 possible desertions.) MKM

The food of Treecreeper *Certhia f. familiaris* nestlings in southern Finland. M. Kuitunen and T. Tormala. 1983. *Ornis Fennica* 60:42-44. -Dept. Biol., Univ. Jyväskylä, SF-40100 Jyväskylä 10, Finland -(Food samples were collected when adults were caught for banding by flushing them into plastic bags attached to one of the two holes on nest boxes.) MKM

Beating the bands. W. D. McIlveen. 1985. *Ont. Bird Band. Assoc. Newsletter* Feb. 1985: 3. -no address given -(Giant "safety pins" made from coat hangers to hold strings of bands give easy access without band loss. Newsletter Editor David Lamble suggests welding wire as a cheap alternative.) MKM

Unofficial bird bands. B. Duncan. 1985. *Ont. Bird Band. Assoc. Newsletter* Feb. 1985:4-5. -Box 512, Caledonia, Ont. N0A 1A0 -(For the sake of banders questioned by members of the public who find birds with unofficial bands on them, known bands used in Ont. for pigeons, pheasants, domestic ducks, and a few raptors are described.) MKM

Potter trap hazard-prevention. D. Lamble. 1985. *Ont. Bird Band. Assoc. Newsletter* Feb. 1985:8. -4-64 Cedar St., Guelph, Ont. N1G 1C5 -(Danger to birds of soft parts sticking to metal in temperatures below -10°C can be prevented by spraying inside and out annually with polyurethane lacquer.) MKM

Identification, Molts, Plumages, Weights and Measurements

Tongue colors in Tufted Titmice differ. W. D. Robinson. 1984. *Inland Bird Banding Newsletter* 6(4):4. -R. L. Box 33, Makanda, Ill. 62958 -(Of 17 titmice banded in Ill., 5 had gray tongues and 12 had pink tongues, with no obvious relation to age.) MKM

A hybrid *Parus ater* x *P. montanus* found in Finland. O. Hilden. 1983. *Ornis Fennica* 60:58-61. -Dept. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland -(Detailed description with measurements and photographs of first known hybrid Coal x Willow Tit captured in a flock of Willow Tits during an irruptive flight in Finland (55 banded the same day). Hybridization, mixed pairing and mixed clutches in *Parus* are reviewed.) MKM

A hybrid of an Eider *Somateria mollissima* and a merganser (*Mergus sp.*) found in Finland. O. Tenovuo and R. Tenovuo. 1983. *Ornis Fennica* 60:63-64. -Univ. Turku, SF-20500 Turku 50, Finland -(Detailed description, with measurements and photo of mounted specimen of apparent 1st-year eclipse male Common Eider x merganser (probably Red-breasted) hybrid collected from a flock of eiders.) MKM

A presumed Bufflehead x Hooded Merganser hybrid in Illinois. W. J. Marcisz. 1981. *Amer. Birds* 35:340-341. -1418 Brown Ave., #16, Whiting, Ind. 46394. - (Male with bill and head shape of Bufflehead, plumage characters of both species and some behavior patterns of Hooded Merganser, accompanied by female Bufflehead.) MKM

An abnormally-colored Yellow-rumped Warbler. G. R. Ebel. 1985. *Alta. Nat.* 15:78. -18624-70 Ave., Edmonton, Alta. T5T 2V8. -(An apparent ASY female with a white collar on the nape and sides of the neck and other minor deviations from "normal" birds.) MKM

North American Banding Results

Band found in archeological digs. F. E. Ludwig. 1984. *Inland Bird Banding Newsletter* 6(4):3. -2864 Military, Fort Huron, Mich. 48060 -(A band found in an archeological dig at Port Huron, Mich. in 1979 was from a nestling Common Tern banded in Saginaw Bay in 1934.) MKM

Day of the Condor. P. K. Ensley. 1984. *Living Bird Quart.* 3(4):4-7. -no address given -(Detailed description of capture by cannon-netting of an immature California Condor in 1982. On determination that the bird was a male, it was fitted with a radio-transmitter and released to provide valuable data on movements and habitat use, before being found dead from lead poisoning in March 1984.) MKM

Some notes on White-tailed Ptarmigan in the Alberta Rockies. J. R. Salt. 1984. *Alta. Nat.* 14:121-125. -464 Nelson St., Victoria, B.C. V9A 6P4 -(Color banding from 1977 to 1983 helped sort out movements, timing of movements, returns to previous nesting areas, inter-brood interactions and other aspects of life history in a study encompassing more than 35 years of data. A female banded as an adult was sighted 4 years after banding, at least 5 years old.) MKM

Beaverhill Lake bird banding station 1983 report. G. R. A. Ebel. 1985 *Edmonton Nat.* 13(1):3-17. -18624-70 Ave., Edmonton, Alta. T5T 2V8 -(Report of the first year of organized banding at Beaverhill Lake, Alta., with 1417 birds of 62 species banded and 5 recaptures of birds of 4 species banded in previous years. Banding data are combined with observational data in general accounts of bird activity through non-winter months of the year, with more detailed data on Least Flycatcher and Savannah Sparrow.) MKM

Organochlorine pollutants, eggshell thickness, and reproductive success of Black-crowned Night-Herons in Idaho, 1979. S. L. Findholt and C. H. Trost. 1985. *Colonial Waterbirds* 8:32-41. -Dept. Biol., Idaho State Univ., Pocatella, Id. 83209 -(Of 1517 Black-crowned Night-Herons banded in Id. between 1974 and 1981, 7 have been recovered out of Id., all in Mexico, suggesting the probable source of DDT levels in eggs of some birds.) MKM

Migration of Sandhill Cranes, *Grus canadensis*, in east-central Alberta, with routes through Alaska and western Canada. B. Kessel. 1984. *Can. Field-Nat.* 98:279-292. -Univ. Alaska Mus., Fairbanks, Alaska 99701 -(Color banding has helped show that Sandhill Cranes nesting in western Alaska and Siberia migrate through the Central Flyway, passing through central Alaska, central Yukon, northeastern B.C., central Alta., and southwestern Sask.) MKM

A long-distance recovery. D. Brewer. 1985. *Ont. Bird Band. Assoc. Newsletter* Feb. 1985:4. -R.R. 1, Puslinch, Ont. N0B 2J0 -(Black-capped Chickadee banded in Nov. 1983 near Guelph, Ont. recovered 400 km northeast at Ottawa, Ont. in May 1984.) MKM

Tornoto International Airport hawk and owl removal and banding. B. Duncan. 1985. *Ont. Bird Band. Assoc. Newsletter* Feb. 1985:5-8. -Box 512, Caledonia, Ont. N0A

1A0. -(As part of a program to reduce bird-aircraft collisions, Red-tailed and Rough-legged Hawks and Snowy and Great Horned Owls were trapped, removed, banded and released elsewhere in southern Ont. 1982-1984. Four Red-tails returned to the airport, 3 have been recovered elsewhere in Ont., and one each have turned up in Ohio, N.Y. and Tenn. No recoveries or returns have been reported for the other species to date.) MKM

Concerned note from Edgar T. Jones. E. T. Jones. 1984. *Alta. Nat.* 14:147. -6115-141 St., Edmonton, Alta. T6H 4A6 -(At a backyard banding station in Edmonton, migrants banded declined from 95 per 100 net hours in 1971 to 11 per 100 net hours in Aug. and Sept. 1984.) MKM

Summary of 1984 Whooping Crane studies. E. Kuyt and J. P. Goossen. 1985. *Alta. Nat.* 15:9-10. -Can. Wildl. Serv., #1000, 9942-108th St., Edmonton, Alta. T5K 2J5. -(On 4 Aug. 1984, 13 of 18 chicks known to be present in Wood Buffalo Natl. Park, N.W.T. were color-banded and 10 of these plus 5 unbanded chicks were observed that winter at Aransas Natl. Wildl. Refuge, Tex. Several chicks color-banded in 1977-1979 are now among the breeding pairs at Wood Buffalo.) MKM

Observation highlights over the past 12 months. E. T. Jones. 1985. *Alta. Nat.* 15:29-30. -6115-141 St., Edmonton, Alta. T6H 4A6 -(Unusual observations of birds and bats at a banding station in Edmonton and also at Beaverhill Lake, Alta. 84 Pine Siskins were banded in the author's yard in Jan.-Feb. 1984, when he had his first local capture of a Cassin's Finch in 30 years of banding there.) MKM

Winter records of Swainson's Thrush in Ontario. M. K. McNicholl. 1985. *Ont. Birds* 3:64-67. -Long Point Bird Observ., Box 160, Port Rowan, Ont. N0E 1M0.-(Includes a bird captured at Long Point, Ont. in Dec. 1984.) MKM

Foreign Banding Results

The accuracy and efficiency of territory mapping tested on Willow Warblers *Phylloscopus trochilus* and Chiffchaffs *Ph. collybita*. J. Jäinärä and H. W. Bastion. 1983. *Ornis Fennica* 60:112-116. -Dept. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100, Helsinki 10, Finland -(True territories were determined by play-back experiments on color-banded birds in patchy habitat in southwestern Germany. When territories were estimated by the standard mapping method, mostly by an observer who did not know the true territories, all Willow Warbler territories and 28 of the 31 Chiffchaff territories were registered. All mapped coincided with the true territories in position, with a mapping efficiency of approx. 77% in Willow Warbler and 74% in Chiffchaff.) MKM

The process of asynchronous hatching and sibling competition in the Little Egret *Egretta garzetta*. Y. Inoue. 1985. *Colonial Waterbirds* 8:1-12. -Ichioka High School, Ichiokamotomachi, Mianito-ku, Osaka 552, Japan -{Growth of color-banded chicks was approximately the same in the first 3 young hatched in a brood, but slower in the 4th and very slow in the 5th, with survival lowest in younger birds.} MKM

Geographic distribution of breeding season recoveries of adult and immature *Larus marinus*, *L. argentatus* and *L. fuscus* ringed in Finland. M. Kilpi and P. Saurola. 1983. *Ornis Fennica* 60:117-125. -Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-0100, Helsinki 10, Finland -{Analysis of 1533 band recoveries in the breeding season showed greatest variation in behavior of birds of younger age classes in all 3 species, with some 1 and 2-year olds staying on wintering areas, others returning closer to natal areas, and some wandering north of natal areas. In Herring Gulls, areas used by immature birds outside natal areas coincide with adults that disperse into new breeding areas. Adaptiveness of greater dispersal by immatures is discussed.} MKM

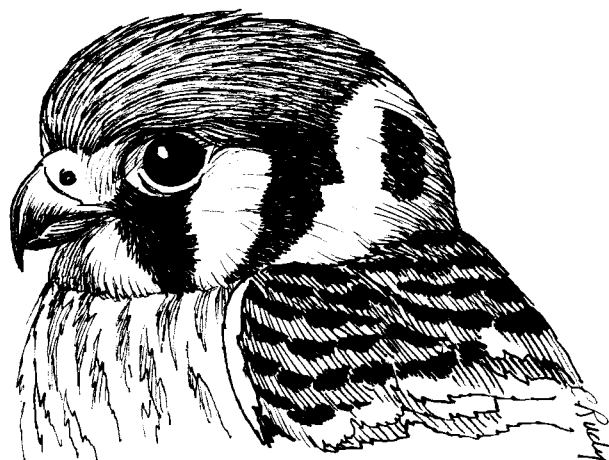
Activity patterns and time-budget in the Goshawk *Accipiter gentilis* in a boreal forest area in Sweden. P. Widen. 1984. *Ornis Fennica* 61:109-112. -Grimso Wildl. Res. Stn., S-770 31 Riddeshyttan, Sweden -{Radio-tracking showed that in Jan. and Feb. males spent more time per day flying than females, the amount increasing with greater hunger through more flights, but not longer flights. Male activity was distributed evenly throughout the day, that of females peaked in the morning, when their main prey (squirrels) were most active.} MKM

Two cases of Guillemots *Uria aalge* helping to rear neighbors' chicks on the Isle of May. S. Wanless and M. P. Harris. 1985. *Seabird* 8:5-8. -Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire, England AB3 4B4 -{A color-banded male Common Murre and his unbanded mate repeatedly fed and brooded the chick of unbanded neighbors after losing their own egg. On leaving the nest site, the "helper" male was observed with the chick, suggesting that the chick had left with this male rather than its own father. The next year, the "helper" pair again lost their egg and the chick of their neighbor was seen to spend most of its time at their nest site rather than at its own.} MKM

Longevity from retraps. D. B. Hanmer. 1981. *Safring News* 10:12-22. (Longevity records for 117 birds of 56 South African species.) MKM

Seasonal Reports

The winter season. December 1, 1980 - February 28, 1981. W. R. Peterson, R. A. Forster and 35 regional editors. 1981. *Amer. Birds* 35:269-338. -22 Hutchinson Terrace, Whitman, Mass. 02832 -{The bands on a second-year Whooping Crane wintering in Ariz. showed that it wintered the previous year in New Mex., summered in Ida. and migrated through Colo. 49 Downy Woodpeckers were netted at Brookings, S.D., including 2 that were banded 10 years before. Of 33 Black-capped Chickadees banded there, one was 7+ year-old. Of 418 Yellow-rumped Warblers banded at Casey Key, Fla. Dec.-Feb., only 14 were repeats while a banded Painted Redstart was at Portal, Ariz. for its eighth consecutive winter. Of 6767 Pine Siskins banded at Baldwin City, KS 1977-1978, only one was subsequently recaptured -at Great Gull Is., N.Y. in Oct. 1980. In contrast, over 1/2 of the Harris' Sparrows caught in one yard in Okla. had been banded previously. Banding of redpolls at Ottawa revealed 16 of the *rostrata* race of Common. 16 Rufous and 1 Black-chinned Hummingbird banded in Louisiana helped document wintering of western hummingbirds in eastern North America. Four Red-breasted Nuthatches banded at Baldwin City, KS during an invasion were the first banded since 1963-1964. Noteworthy totals include 604 Pine Siskins at one Jamestown, N.D. feeder in 4 days in Jan., 152 siskins at Brookings, S.D. 16-28 Feb., and 64 Fox Sparrows at Newport News, Va. A Harris' Sparrow banded at Juneau, Alaska in Nov. was present all winter.} MKM



Recent Literature

Seasonal Reports

The autumn migration. August 1-November 30, 1980. G. A. Hall and 34 other regional editors. 1981. *Amer. Birds* 35:150-232. - Dept. Chemistry, West Virginia Univ., Morgantown, W. Va. 20506 - (As usual, banding efforts feature in reports of rarities and seasonal oddities too numerous to list here. Banding at Kent Isl., N.B. and Manomet Bird Observ., Maine showed the hazards of over-generalization from banding data, as Manomet had their busiest fall since 1971, 44% above the 8-year ave., while Kent Is. was down 30% from 1979. Similarly, Powdermill Nature Reserve (PNR), Penn. and Allegheny Front Migration Observatory (AFMO), W. Va. disagreed on the status of 12 warbler species and agreed on 8. PNR had a low 1680 birds of 27 warbler species, 11 up, 4 ave. & 15 down, nearby Presqu'ile State Park, Pen. had its poorest numbers in several years with only 121 birds of 20 warbler species, while AFMO had an above average year, banding 5,324 birds of 27 warbler species. At AFMO, 12 warbler species were up, 8 down and 9 average. Impressive totals included 11,887 birds of 97 species banded at Kiptopeke, Va. and a 2-day total of 25 species (4 flycatchers & 18 warblers) at Great Gull Is., N.Y. during a cold front. On Kauai Is., Hawaii 1200+ shearwaters were banded after being "downed" by attraction to lights. Orange collar-banded Trumpeter Swans from Alta. were seen in Idaho, blue-collared Tule White-fronted Geese from Alaska were in Wash., and neck-collared Tex. Sandhill Cranes appeared in Sask. Ft. Morgan, Ala. banded a gratifying 17 Peregrines. The return of 30 to 42 color-banded Amer. Golden Plovers to winter territories in Hawaii provided strong evidence for fidelity to wintering areas. At Cape May, N.J. 214 owls were trapped, including 50 Barn (2 foreign retraps), 48 Long-eared, 115 Saw-whet and 16 Great Horned, while Prince Edward Point, Ont. banded 498 Saw-whets (77% HY), its highest total since 1977, and 111 Long-eared and Saw-whet Owls were banded at Hawk Ridge, Minn. 1-2 Oct. A Whip-poor-will banded Oct. 1979 at Casey Key, Fla. returned in both Jan. & Nov. 1980. PNR's 77 Ruby-throated Hummingbirds were considered average. Yellow-bellied and Least Flycatchers were conspicuously down at Kent Is., while Manomet had an 11% increase over 1979; Yellow-bellied was ave. at PNR, where Least was down 40%, Acadian up 25% and E. Wood Pewee up 13%. A heavy flight of Black-capped Chickadees in the n.e. Maritime region was reflected in 2,593 banded at Manomet for its highest total since 1971, while 628 were banded at Long Pt. Bird Observ., Ont. from 24 Oct. on, 95% by 31 Oct., and 143 at PNR were also part of a heavy flight. At Kiptopeke, Va.

46 Tufted Titmice banded (45 HY) more than doubled the previous high of 21 in 1968. 37 Red-breasted Nuthatches at AFMO were part of a come-back in the Alleghenies. House Wren bandings were down 11% at PNR. The 3-year ave. of 10 Golden-crowned Kinglets at Presqu'ile State Park was shattered by this year's 140. At Rockport, Ohio, banding of 30 imm. Eastern Bluebirds was considered indicative of a slight recovery. Banding totals of thrushes at Kiptopeke were the lowest in 17 years, in contrast with nearby Potoma, where nearly 100 Swainson's were banded in 1 day, and 50+ daily for 7 more days. At PNR, Hermits were up 135% and Swainson's up 50%, the latter also up at AFMO. PNR had 501 Cedar Waxwings, while Red-eyed Vireos were down 29% both there and at AFMO. Bay-breasted and Cape May Warblers declined at Manomet, Kent Is., and Great Gull Is., while Blackpoll were down 40% at Manomet and also down at Great Gull. Kiptopeke had a good total of 476 Black-throated Blue. Banding showed that a Harris' Sparrow that spent most of Nov. at Juneau, Alaska was a single bird, while 40 "White-winged" Juncos banded at Rapid City, S.D. was a good total. PNR had an impressive 564 Purple Finches, while 160 House Finches at Loraine, Ohio was the latest statistic in its continuing range expansion in eastern North America.) MKM

MKM = Martin K. McNicholl

