



Index to Volume 110

Source: The Condor, 110(4) : 819-827

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/cond.2008.110.4.index>

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.



INDEX TO VOLUME 110

The Condor 110(4):819–827
© The Cooper Ornithological Society 2008

A

- Abramsky, Z., *see* Tsurim, I., 772
abundance, 747
 web, 80
Accipiter gentilis, 762
accuracy, 747
acoustic feature analysis, 648
Agatsuma, R., *see* Ramenofsky, M., 658
age ratios, 306
Agelaioides badius, 143
Alaemon alaudipes, 116
Alaska, 371, 740
Alcedinidae, 110
allocation, 709
allometry, 276
Amar, A., F. Amidon, B. Arroyo, J. A. Esselstyn, and A. P. Marshall, Population Trends of the Forest Bird Community on the Pacific Island of Rota, Mariana Islands, 421
Amidon, F., *see* Amar, A., 421
Ammodramus, 579
anadromous, 183
Andersen, D. E., *see* Sammler, J. E., 325
Anderson, D. J., *see* Browne, R. A., 549
Anderson, E. M., J. R. Lovvorn, and M. T. Wilson, Reevaluating Marine Diets of Surf and White-winged Scoters: Interspecific Differences and the Importance of Soft-Bodied Prey, 285
Andes, northern, 526
annual variation, 514
Anseriformes, 276
Antioquia, 526
antioxidant, 694
 capacity, 767
Antolin, M. F., *see* Bayard de Volo, S., 762
Aphrastura spinicauda, 615
Arcese, P., *see* Pruett, C. L., 359
Argentina, 70
Arizona, southern, 786
Arroyo, B., *see* Amar, A., 421
Askins, R. A., Silence of the Songbirds, by Bridget Stutchbury, 398
Austin, 458

B

- Baião, P. C., and P. G. Parker, Maintenance of Plumage Polymorphism in Red-footed Boobies in the Galápagos Archipelago: Observations of Mate Choice and Habitat Association, 544
Baker, A. J., Speciation in Birds, by Trevor Price, 396
Baltic Sea, 574
bamboo, 584

- banding, 786
Barbraud, C., *see* Nevoux, M., 55
Barbraud, J., *see* Nevoux, M., 55
Barg, J. J., *see* Jones, J., 538
Barker, F. K., *see* Powell, A. F. L. A., 718
Barry, J. H., *see* Rohwer, V. G., 365
Bateman gradient, 1
Batista, C., *see* Libsch, M. M., 166
Bayard de Volo, S., R. T. Reynolds, M. R. Douglas, and M. F. Antolin, An Improved Extraction Method to Increase DNA Yield from Molted Feathers, 762
Beauchamp, G., and G. D. Ruxton, Time of Day and Flightiness in Flocks of Semipalmated Sandpipers, 269
beetle, mountain pine, 450
Belgium, 154
Benkman, C. W., *see* Keenan, P. C., 93
biliverdin, 767
biogeography, 35, 526, 718
biological filter, 223
 traits, 223
bird diversity, 405
 feeders, 260
 song, 387
birds, arid zone, 405
 cavity-nesting, 80
 grassland, 211, 747
 passerine, 354
 tundra-nesting, 325
 understory rainforest, 166
bivalves, 285
blackbirds, 718
Black Hills, 450
Blake, J. G., *see* Rodríguez-Ferraro, A., 405
Blanc, L. A., and J. R. Walters, Cavity-Nest Webs in a Longleaf Pine Ecosystem, 80
Blomqvist, D., *see* Saracura, V., 354
Bonnot, T. W., M. A. Rumble, and J. J. Millspaugh, Nest Success of Black-backed Woodpeckers in Forests with Mountain Pine Beetle Outbreaks in the Black Hills, South Dakota, 450
Bonter, D. N., and M. G. Harvey, Winter Survey Data Reveal Rangewide Decline in Evening Grosbeak Populations, 376
Booms, T., B. McCaffery, and P. Schempf, Molted Feather Persistence and Aging in a Sub-Arctic Environment: Implications for Noninvasive Genetic Sampling, 756
bounded-hybrid superiority hypothesis, 701
Bowen, R., *see* Massey, B., 177
Brachyramphus marmoratus, 306
brain size, relative, 276
Brand, L. A., G. C. White, and B. R. Noon, Factors Influencing Species Richness and Community Composition of Breeding Birds in a Desert Riparian Corridor, 199

- Brasso, R. L., *see* Monroe, A. P., 382
 Brawn, J., *see* Libsch, M. M., 166
 breeding biology, 316
 cooperative, 13
 density, 371
 experience, 55
 success, 55
 Brigham, R. M., *see* Cooper, C. E., 110
 British Columbia, 563
 brood parasitism, 1, 143, 507
 reduction, 507
 brooding, 316
 Browne, R. A., E. Collins, and D. J. Anderson, Genetic Structure of Galápagos Populations of the Yellow Warbler, 549
 Buehler, D., *see* Libsch, M. M., 166
 Bunting, McKay's, 371
 Burger, A. E., *see* Wong, S. N. P., 306
 Busch, D. S., T. R. Robinson, T. P. Hahn, and J. C. Wingfield, Sex Hormones in the Song Wren: Variation with Time of Year, Molt, Gonadotropin Releasing Hormone, and Social Challenge, 125
 Butet, A., *see* Croci, S., 223
 Butler, L. K., T. J. Hayden, and L. M. Romero, Prebasic Molt of Black-capped and White-eyed Vireos: Effects of Breeding Site and the El Niño–Southern Oscillation, 428

C

- Calderón, D., *see* Cuervo, A. M., 526
 call learning, 93
 matching, 93
 types, 93
Calliandra californica, 786
 captivity, 276
 capture-mark-recapture, 756
 Cardinal, Northern, 392
Cardinalis cardinalis, 392
Carios capensis, 134
 carotenoid pigments, 694
Catharus guttatus, 740
 cavity kleptoparasite, 441
 cavity-nester, 615
Centrocerus urophasianus, 627
Cerorhinca monocerata, 709
 challenge hypothesis, 125
 Chan, Y. L., *see* Pruett, C. L., 359
Charadrius montanus, 45, 493
Chasiempis sandwichensis, 241
 Chesapeake Bay, 183
 Chickadee, Chestnut-backed, 563
 Chile, 615
 Chocó, 526
 Churchill, 325
 Chusquea, 584
Ciconia ciconia, 55
 Cimprich, D. A., *see* Kostecke, R. M., 251
Circus cyaneus, 177
 classification tree, 177
 clearcut, 467
 Clergeau, P., *see* Croci, S., 223
 climate, 211
 change, 161
 coalescence, 482
 Coates, P. S., and D. J. Delehanty, Effects of Environmental Factors on Incubation Patterns of Greater Sage-Grouse, 627
Coccythraustes vespertinus, 376
Colaptes auratus, 701
 Collins, E., *see* Browne, R. A., 549
 Colorado River, lower, 672
 coloration, 599
 community composition, 405
 structure, 80
 competition, 772
 interspecific, 441
 Conant, S., and D. Leonard, Seeking the Sacred Raven: Politics and Extinction on a Hawaiian Island, by Jerome Mark Walters, 188
 conservation genetics, 756
 planning, 792
 consort behavior, 13
 contact calls, 639
 Cooper, C. E., G. Körtner, R. M. Brigham, and F. Geiser, Body Temperature and Activity Patterns of Free-Living Laughing Kookaburras: The Largest Kingfisher is Heterothermic, 110
 Coraciiformes, 110
 cormorant, 782
 Cornelius, C., Spatial Variation in Nest-Site Selection by a Secondary Cavity-Nesting Bird in a Human-Altered Landscape, 615
 correlations, cross-scale, 563
 Cortes-Rodríguez, N., B. E. Hernández-Baños, A. G. Navarro-Sigüenza, and K. E. Omland, Geographic Variation and Genetic Structure in the Streak-backed Oriole: Low Mitochondrial DNA Differentiation Reveals Recent Divergence, 729
 corticosterone, 709
 corvid, 648
Corvus kubaryi, 421
 Courtens, W., *see* Stienen, E. W. M., 154
 Cowbird, Bay-winged, 143
 Screaming, 143
 Shiny, 507
 Cristol, D. A., *see* Monroe, A. P., 382
 Croci, S., A. Butet, and P. Clergeau, Does Urbanization Filter Birds on the Basis of Their Biological Traits?, 223
 Crow, Mariana, 421
 Cruz-Nieto, J., *see* Guerra, J. E., 639
 Cuervo, A. M., P. C. Pulgarín, and D. Calderón, New Distributional Bird Data from the Cordillera Central of the Colombian Andes, with Implications for the Biogeography of North-western South America, 526
 Cueto, V. R., J. Lopez de Casenave, and L. Marone, Neotropical Austral Migrant Landbirds: Population Trends and Habitat Use in the Central Monte Desert, Argentina, 70
Cyanocorax morio, 13
Cyphorhinus phaeocephalus, 125

D

- DaCosta, J. M., W. Wehtje, and J. Klicka, Historic Genetic Structuring and Paraphyly within the Great-tailed Grackle, 170
 data-logger, 579
 Davis, J. M., *see* Kappes, J. J., Jr., 441
 Davis, W. E., Jr., Roger Tory Peterson: A Biography, by Douglas Carlson, 399
 Dearborn, D. C., *see* Hanley, D., 767
 Delehanty, D. J., *see* Coates, P. S., 627
 De Mársico, M. C., and J. C. Reborada, Egg-Laying Behavior in Screaming Cowbirds: Why Does a Specialist Brood Parasite Waste So Many Eggs?, 143

dispersal, natal, 241
Dendroica, 335
 cerulea, 538
 chrysoparia, 458
 dominica, 569
 petechia, 549
 density fluctuations, 70
 desert, 70, 116
 detection, 199
 deuterium, 500
 developmental constraint, 599
 DHEA, 125
 dichromatism, 24
 Dickson, D. L., *see* Oppel, S., 296
 diet, 285
 Dinsmore, S. J., Influence of Drought on Annual Survival of the Mountain Plover in Montana, 45
 distance estimation, 371
 sampling, 405
 distribution, marine, 306
 DNA extraction, 762
 mitochondrial, 170, 549, 729
 nuclear, 482
 yield, 762
 Dobkin, D. S., From the Editor, 816
 domestication, 276
 Donohue, K., *see* Smith, A. D., 500
 double brooded, 382
 clutching, 382
 Douglas, M. R., *see* Bayard de Volo, S., 762
 drought, 45
 effects, 70
 duckling, 574
 Dufty, A. M., Jr., *see* Smith, A. D., 500
 Duré Ruiz, N. M., M. E. Mermoz, and G. J. Fernández, Effect of Cowbird Parasitism on Brood Reduction in the Brown-and-yellow Marshbird, 507
 Durst, S. L., T. C. Theimer, E. H. Paxton, and M. K. Sogge, Age, Habitat, and Yearly Variation in the Diet of a Generalist Insectivore, the Southwestern Willow Flycatcher, 514

E

Eagle, Bald, 183
 ecomorphology, 335
 ectoparasite, 134
 Ecuador, 584
 edge effects, 740
 egg coloration, 767
 laying, 143
 temperature, 116
 Eggert, L. M. F., and P. G. R. Jodice, Growth of Brown Pelican Nestlings Exposed to Sublethal Levels of Soft Tick Infestation, 134
 Eider, Common, 574
 King, 296
 'Elepaio, 241
 El Niño, 428
 Ellis, J. M. S., Decay of Apparent Individual Distinctiveness in the Begging Calls of Adult Female White-throated Magpie-Jays, 648
 Elphick, C. S., *see* Gjerdrum, C., 579
Empidonax traillii extimus, 514
 endangered species, 251, 421, 514

endoparasitism, 782
 environmental pollution, 158
 tolerance, 223
 variation, 55
 Esselstyn, J. A., *see* Amar, A., 421
 evaluation, 747
 Everaert, J., *see* Stienen, E. W. M., 154
 extra-pair copulation, 392

F

Falco rusticolus, 756
 Falcon, Peregrine, 269
 feather, 500
 molted, 762
 persistence, 756
 feeder, 786
 Fernández, G. J., *see* Duré Ruiz, N. M., 507
 Filardi, C. E., and C. E. Smith, Social Selection and Geographic Variation in Two Monarch Flycatchers from the Solomon Islands, 24
 fire, high-severity, 777
 stand-replacement, 777
 fitness, 701
 Flicker, Northern, 80
 flight, 335
 beak-up, 658
 feather replacement rules, 799
 flightiness, 269
 Flockhart, D. T. T., and K. L. Wiebe, Variable Weather Patterns Affect Annual Survival of Northern Flickers More Than Phenotype in the Hybrid Zone, 701
 floral abundance, 786
 food availability, 316
 resources, 514
 restriction, 658
 solicitation vocalization, 648
 foraging, 777
 behavior, 772
 effort, 316
 Forbes, M. R., *see* Robinson, S. A., 782
 forest, boreal, 467
 cloud, 584
 fragmentation, 615
 humid montane, 526
 management, 740
 tropical dry, 421
 Fort Hood, 458
 functional homogenization, 223

G

Galápagos
 Archipelago, 544
 Islands, 549
 Galbraith, H., The Birds of Scotland, edited by Ron Forrester, Ian Andrews, Chris McNerny, Ray Murray, Bob McGowan, Bernard Zonfrillo, Mike Betts, David Jardine, and David Grundy, 590
 Geiser, F., *see* Cooper, C. E., 110
 gene flow, 493
 genetic diversity, 493
 geographic variation, 102, 359, 482, 569
 George, T. L., *see* Sperry, D. M., 740
 Girvan, M. K., *see* Jones, J., 538

- Gjerdrum, C., K. Sullivan-Wiley, E. King, M. A. Rubega, and C. S. Elphick, Egg and Chick Fates During Tidal Flooding of Salt-marsh Sharp-tailed Sparrow Nests, 579
 GnRH, 125
 Goose, Snow, 325
 Goshawk, Northern, 762
 grackles, 170, 718
 Greenberg, R., *see* Liu, I. A., 102
 Greeney, H. F., and K. Zyskowski, A Novel Nest Architecture within the Furnariidae: First Nests of the White-browed Spinetail, 584
 Griffin, C., *see* Massey, B., 177
 Grosbeak, Evening, 376
 growth, 183
 rate, 134
 Guay, P., and A. N. Iwaniuk, Captive Breeding Reduces Brain Volume in Waterfowl (Anseriformes), 276
 Guerra, J. E., J. Cruz-Nieto, S. G. Ortiz-Maciél, and T. F. Wright, Limited Geographic Variation in the Vocalizations of the Endangered Thick-billed Parrot: Implications for Conservation Strategies, 639
 Gutiérrez, R. J., Spotted Owl Research: A Quarter Century of Contributions to Education, Ornithology, Ecology, and Wildlife Management, 792
 Gyrfalcon, 756

H

- habitat selection, 544, 563
 use, 70, 682
 Hahn, T. P., *see* Busch, D. S., 125
 Hale, A. M., *see* Williams, D. A., 13
Haliaeetus leucocephalus, 183
 Hallinger, K. K., *see* Monroe, A. P., 382
 Hanley, D., G. Heiber, and D. C. Dearborn, Testing an Assumption of the Sexual-Signaling Hypothesis: Does Blue-Green Egg Color Reflect Maternal Antioxidant Capacity?, 767
 Hansen, B., *see* Wong, S. N. P., 306
 Hanson, C. T., and M. P. North, Postfire Woodpecker Foraging in Salvage-Logged and Unlogged Forests of the Sierra Nevada, 777
 Harrier, Northern, 177
 Harvey, M. G., *see* Bonter, D. N., 376
 Hatch, M. I., *see* Morrison, E. B., 345
 Hatch, M. I., *see* Smith, R. J., 682
 Hatch, S. A., *see* Sears, J., 709
 Hawk, Cooper's, 260
 Sharp-shinned, 260
 Hayden, T. J., *see* Butler, L. K., 428
 Hebert, C. E., *see* Robinson, S. A., 782
 Heiber, G., *see* Hanley, D., 767
Hellmayrea gularis, 584
 Hernández-Baños, B. E., *see* Cortes-Rodríguez, N., 729
 heterothermia, 110
 Hill, G. E., An Alternative Hypothesis for the Cause of the Ivory-billed Woodpecker's Decline, by Noel F. Snyder, 808
 Holbrook, K. M., The Ecology and Conservation of Asian Hornbills: Farmers of the Forest, by Margaret F. Kinnaird and Timothy G. O'Brien, 810
 Hollmén, T., *see* Lehtikoinen, A., 574
 home range, 260, 392, 467
 Humbird, S. K., and D. L. H. Neudorf, The Effects of Food Supplementation on Extraterritorial Behavior in Female Northern Cardinals, 392
 hummingbirds, 786
 hurricane, 158
 Hurricane Katrina, 158
 hybridization, 701
 hydrogen, 500

I, J, K

- Icterus pustulatus*, 387, 729
 Idaho, 93
 incubation, 116, 627
 rhythm, 579
 indirect effect, 441
 individual recognition, 648
 individuality, 648
 interaction chain, 441
 isometry, 354
 isotopes, stable, 500
 stable-hydrogen, 538
 Iwaniuk, A. N., *see* Guay, P., 276
 Jay, Brown, 13
 jays, New World, 13
 Jeyarajasingam, A., The Birds of the Thai-Malay Peninsula. Volume Two: Passerines, by David R. Wells, 589
 Jodice, P. G. R., *see* Eggert, L. M. F., 134
 John, J. S., *see* Oyler-McCance, S. J., 493
 Johnson, J. A., *see* Matsuoka, S. M., 371
 Jones, A. W., and R. S. Kennedy, Plumage Convergence and Evolutionary History of the Island Thrush in the Philippines, 35
 Jones, J., D. R. Norris, M. K. Girvan, J. J. Barg, T. K. Kyser, and R. J. Robertson, Migratory Connectivity and Rate of Population Decline in a Vulnerable Songbird, 538
 Jorgensen, J. G., J. P. McCarty, and L. L. Wolfenbarger, Buff-breasted Sandpiper Density and Numbers During Migratory Stopover in the Rainwater Basin, Nebraska, 63
 juveniles, 306
 Kappes, J. J., Jr., and J. M. Davis, Evidence of Positive Indirect Effects Within a Community of Cavity-Nesting Vertebrates, 441
 Keenan, P. C., and C. W. Benkman, Call Imitation and Call Modification in Red Crossbills, 93
 Keller, L. F., *see* Pruett, C. L., 359
 Kennedy, R. S., *see* Jones, A. W., 35
 Kilpi, M., *see* Lehtikoinen, A., 574
 kin selection, 1
 King, E., *see* Gjerdrum, C., 579
 Kingbird, Western, 799
 Kinnard, T. B., *see* Morrison, E. B., 345
 Kissling, M., *see* Sperry, D. M., 740
 Klicka, J., *see* DaCosta, J. M., 170
 Knopf, F. L., *see* Oyler-McCance, S. J., 493
 Knutson, M. G., *see* Murray, L. D., 747
 Koonce, A. E., Rare Birds of California, edited by Robert A. Hamilton, Michael A. Patten, and Richard A. Ericson, 400
 Kostecke, R. M., and D. A. Cimprich, Adult and Juvenile Survival of Black-capped Vireos within a Large Breeding Population in Texas, 251
 Kotler, B. P., *see* Tsurim, I., 772
 Krakauer, A. H., Sexual Selection and the Genetic Mating System of Wild Turkeys, 1
 Krueger, T. R., D. A. Williams, and W. A. Searcy, The Genetic Mating System of a Tropical Tanager, 559
 Kysela, R. F., *see* Oyler-McCance, S. J., 493
 Kyser, T. K., *see* Jones, J., 538
 Körtner, G., *see* Cooper, C. E., 110

L

landbird, 682
 landscapes, human-modified, 615
 Lanyon, S. M., *see* Powell, A. F. L. A., 718
 Lapwing, Southern, 354
 Lark, Hoopoe, 116
 Lehikoinen, A., M. Öst, T. Hollmén, and M. Kilpi, Does Sex-Specific Duckling Mortality Contribute to Male Bias in Adult Common Eiders?, 574
 LeMay, V., *see* Mahon, C. L., 563
 Leonard, D., *see* Conant, S., 188
 Leonard, T. D., P. D. Taylor, and I. G. Warkentin, Landscape Structure and Spatial Scale Affect Space Use by Songbirds in Naturally Patchy and Harvested Boreal Forests, 467
 Libsch, M. M., C. Batista, D. Buehler, I. Ochoa, J. Brawn, and R. E. Ricklefs, Nest Predation in a Neotropical Forest Occurs during Daytime, 166
 life history, 428
 light intensity, 269
 Lima, S. L., *see* Roth, T. C., II., 260
 lithophagy, 782
 Liu, I. A., B. Lohr, B. Olsen, and R. Greenberg, Macrogeographic Vocal Variation in Subspecies of Swamp Sparrow, 102
 locomotor activity, 658
 logging, salvage, 777
 logistic exposure, 450
 Lohr, B., *see* Liu, I. A., 102
 longevity, 241
 Lopez de Casenave, J., *see* Cueto, V. R., 70
 Lovvorn, J. R., *see* Anderson, E. M., 285
Loxia curvirostra, 93
 luteinizing hormone, 125

M

Macedo, R. H., *see* Saracura, V., 354
 Mahon, C. L., K. Martin, and V. LeMay, Do Cross-Scale Correlations Confound Analysis of Nest Site Selection for Chestnut-backed Chickadees?, 563
Mallotus villosus, 316
Malurus, 694
 mark-recapture, 199, 241, 251
 marker trait, 93
 Markham, A. C., and B. D. Watts, The Influence of Salinity on Provisioning Rates and Nestling Growth in Bald Eagles in the Lower Chesapeake Bay, 183
 Marone, L., *see* Cueto, V. R., 70
 Marshall, A. P., *see* Amar, A., 421
 Marshbird, Brown-and-yellow, 507
 Marti, C. D., Owls of the United States and Canada: A Complete Guide to Their Biology and Behavior, by Wayne Lynch, 402
 Martin, K., *see* Mahon, C. L., 563
 mass, 354
 Massey, B., R. Bowen, C. Griffin, and K. McGarigal, A Classification-Tree Analysis of Nesting Habitat in an Island Population of Northern Harriers, 177
 mating, nonrandom, 544
 system, 354, 559
 Matsuoka, S. M., and J. A. Johnson, Using a Multimodel Approach to Estimate the Population Size of McKay's Buntings, 371
 McCaffrey, B., *see* Booms, T., 756
 McCaffrey, R. E., and S. M. Wethington, How the Presence of Feeders Affects the Use of Local Floral Resources by Hummingbirds: A Case Study from Southern Arizona, 786
 McCarty, J. P., *see* Jorgensen, J. G., 63
 McGarigal, K., *see* Massey, B., 177
 McGraw, K. J., *see* Rowe, M., 694
 McKay, B. D., Phenotypic Variation Is Clinal in the Yellow-throated Warbler, 569
Melanitta fusca, 285
perspicillata, 285
Melospiza georgiana, 102
melodia, 359
 Mermoz, M. E., *see* Duré Ruiz, N. M., 507
 microclimate, 116, 579
 microsattellites, 1, 359, 493
 migrant, Neotropical, 672
 Neotropical austral, 70
 migration, 63, 296, 428, 672
 spring, 682
 migratory connectivity, 296, 538
 restlessness, 658
 Milá, B., R. K. Wayne, and T. B. Smith, Ecomorphology of Migratory and Sedentary Populations of the Yellow-rumped Warbler (*Dendroica coronata*), 335
 Mills, A. M., Passerines are Sexually Dimorphic in Shape as Well as Size, 354
 Millsbaugh, J. J., *see* Bonnot, T. W., 450
 model, multiscale, 563
 moisture, 211
Molothrus ater, 428
rufocollaris, 143
 spp., 507
 molt, 428
 and elevation, 365
 migration, 365
 primary, 799
 rate, 365
 rectrix, 799
 secondary, 799
 tables, 799
 Monahan, W. B., Wing Microevolution in the House Sparrow Predicted by Model of Optimized Wing Loading, 161
Monarcha flycatchers, 24
 monitoring, 306
 Monroe, A. P., K. K. Hallinger, R. L. Brasso, and D. A. Cristol, Occurrence and Implications of Double Brooding in a Southern Population of Tree Swallows, 382
 Montana, 45
 moonlight, 658
 morphology, 599
 morphospace, 599
 Morrison, E. B., T. B. Kinnard, I. R. K. Stewart, J. P. Poston, M. I. Hatch, and D. F. Westneat, The Links between Plumage Variation and Nest-Site Occupancy in Male House Sparrows, 345
 mortality, 154
 moss, 584
 mount presentations, 24
 movement, 467, 672
 Murphy, T. G., *see* Price, J. J., 387
 Murray, L. D., C. A. Ribic, W. E. Thogmartin, and M. G. Knutson, Accuracy Assessment of Predictive Models of Grassland Bird Abundances in the Prairie Hardwood Transition Bird Conservation Region, 747
 Murrelet, Marbled, 306

N, O

Nantucket, 177
 Navarro-Sigüenza, A. G., *see* Cortes-Rodríguez, N., 729
 nematode, 782
 nest, 627
 activity, 166
 attentiveness, 166
 predation, 116, 166
 predators, 458
 site selection, 563, 615
 success, 450
 survival, 450, 740
 web, 80
 nesting behavior, 579
 habitat, 177
 Neudorf, D. L. H., *see* Humbird, S. K., 392
 Nevoux, M., J. Barbraud, and C. Barbraud, Breeding Experience and Demographic Response to Environmental Variability in the White Stork, 55
 Newfoundland and Labrador, 316
 niche breadth, 747
 Niemuth, N. D., J. W. Solberg, and T. L. Shaffer, Influence of Moisture on Density and Distribution of Grassland Birds in North Dakota, 211
 noninvasive genetic sampling, 756, 762
 Noon, B. R., *see* Brand, L. A., 199
 Norris, D. R., *see* Jones, J., 538
 North, M. P., *see* Hanson, C. T., 777
 North American Breeding Bird Survey, 211
 North Atlantic Oscillation, 701
 O'Brien, C., *see* Paxton, K. L., 672
 Ochoa, I., *see* Libsch, M. M., 166
 Olsen, B., *see* Liu, I. A., 102
 Omland, K. E., *see* Price, J. J., 387
 Omland, K. E., *see* Cortes-Rodríguez, N., 729
 ontogenetic shift, 335
 Oppel, S., A. N. Powell, and D. L. Dickson, Timing and Distance of King Eider Migration and Winter Movements, 296
 Ortiz-Maciél, S. G., *see* Guerra, J. E., 639
 Osorio-Beristain, M., *see* Price, J. J., 387
 Öst, M., *see* Lehikoinen, A., 574
 Ovenbird, 584
 Owl, Spotted, 792
 Oyler-McCance, S. J., J. S. John, R. F. Kysela, and F. L. Knopf, Population Structure of Mountain Plover as Determined Using Nuclear Microsatellites, 493

P, Q

Pacific Islands, 421
 parallel evolution, 599
 paraphyly, 170
 parasitism costs, 507
 parentage, 354, 559
 parental effort, 767
 investment, 166
 Parker, P. G., *see* Baião, P. C., 544
 parrot, 639
 Parrot, Thick-billed, 639
Passer domesticus, 161, 345
Passerella iliaca, 482
 passerines, 223, 500
 paternity, 354

Patten, M. A., *see* Pruett, C. L., 359
 Paxton, E. H., *see* Durst, S. L., 514
 Paxton, K. L., C. van Riper III, and C. O'Brien, Movement Patterns and Stopover Ecology of Wilson's Warblers during Spring Migration on the Lower Colorado River in Southwestern Arizona, 672
Pelecanus occidentalis, 134
 Pelican, Brown, 134
 Philippines, 35
 philopatry, 345
 phylogeography, 170, 729
Picoides arcticus, 450
 pigment, 767
Plectrophenax hyperboreus, 371
 Plover, Mountain, 45, 493
 plumage, 24
 convergence, 35
 pattern, 599
 polymorphism, 544
 polyandry, 1
 polygyny, 1
 population, 325
 decline, 421
 dynamics, 211, 538
 estimate, 786
 genetics, 359, 493, 729
 monitoring, 251
 size, 371
 structure, 549
 trends, 376
 Poston, J. P., *see* Morrison, E. B., 345
 Powell, A. F. L. A., F. K. Barker, and S. M. Lanyon, A Complete Species-Level Phylogeny of the Grackles (*Quiscalus* spp.), Including the Extinct Slender-billed Grackle, Inferred from Mitochondrial DNA, 718
 Powell, A. N., *see* Oppel, S., 296
 Powers, D. R., The Ornithologist's Dictionary, by Johannes Erritzoe, Kaj Kampp, Kevin Winker, and Clifford B. Frit, 812
 Prairie Pothole region, 211
 precipitation, 211
 predation, 627, 772
 risk, 269
 predator-prey interactions, 260
 predictive model, 747
 Price, J. J., L. Yunes-Jiménez, M. Osorio-Beristain, K. E. Omland, and T. G. Murphy, Sex-Role Reversal in Song? Females Sing More Frequently than Males in the Streak-backed Oriole, 387
 Prince of Wales Island, 740
 productivity, 382
 Project FeederWatch, 376
 provisioning, 183
 Pruett, C. L., P. Arcese, Y. L. Chan, A. G. Wilson, M. A. Patten, L. F. Keller, and K. Winker, Concordant and Discordant Signals between Genetic Data and Described Subspecies of Pacific Coast Song Sparrows, 359
Pseudoleistes virescens, 507
 Puget Sound, 285
 Pulgarín, P. C., *see* Cuervo, A. M., 526
Quiscalus, 170, 718

R

radio-tracking, 260
 rainforest, south-temperate, 615

- Ramenofsky, M., R. Agatsuma, and T. Ramfar, Environmental Conditions Affect the Behavior of Captive, Migratory White-crowned Sparrows, 658
- Ramfar, T., *see* Ramenofsky, M., 658
- Ramphocelus costaricensis*, 559
- range expansion, 170
extension, 526
- raptors, 260, 500
- Raven, Common, 627
- Reboreda, J. C., *see* De Mársico, M. C., 143
- recapture probability, 251
- recruitment, 241, 701
- recursion, 599
- Reidy, J. L., M. M. Stake, and F. R. Thompson III, Golden-cheeked Warbler Nest Mortality and Predators in Urban and Rural Landscapes, 458
- reintroduction, 639
- residency, prior, 345
- resource-holding potential, 345
- resources, 682
- Reynolds, R. T., *see* Bayard de Volo, S., 762
- Rhynchopsitta pachyrhyncha*, 639
- Ribic, C. A., *see* Murray, L. D., 747
- Ricklefs, R. E., *see* Libsch, M. M., 166
- Riegner, M. F., Parallel Evolution of Plumage Pattern and Coloration in Birds: Implications for Defining Avian Morphospace, 599
- riparian, 199, 514
woodlands, 672
- Robertson, R. J., *see* Jones, J., 538
- Robinson, S. A., M. R. Forbes, and C. E. Hebert, Is the Ingestion of Small Stones by Double-crested Cormorants a Self-Medication Behavior?, 782
- Robinson, T. R., *see* Busch, D. S., 125
- Rodríguez-Ferraro, A., and J. G. Blake, Diversity Patterns of Bird Assemblages in Arid Zones of Northern Venezuela, 405
- Rohwer, S., A Primer on Summarizing Molt Data for Flight Feathers, 799
- Rohwer, S., *see* Rohwer, V. G., 365
- Rohwer, V. G., S. Rohwer, and J. H. Barry, Molt Scheduling of Western Neotropical Migrants and Up-Slope Movement of Cassin's Vireo, 365
- Romero, L. M., *see* Butler, L. K., 428
- Ronconi, R. A., *see* Wong, S. N. P., 306
- Rota, 421
- Roth, T. C., II, W. E. Vetter, and S. L. Lima, Spatial Ecology of Wintering *Accipiter* Hawks: Home Range, Habitat Use, and the Influence of Bird Feeders, 260
- Rowe, M., and K. J. McGraw, Carotenoids in the Seminal Fluid of Wild Birds: Interspecific Variation in Fairy-Wrens, 694
- Rubega, M. A., *see* Gjerdrum, C., 579
- Rumble, M. A., *see* Bonnot, T. W., 450
- Russell, R. P., Ivorybill Hunters: The Search for Proof in a Flooded Wilderness, by Geoffrey E. Hill, 190
- Ruxton, G. D., *see* Beauchamp, G., 269
- Sandpiper, Buff-breasted, 63
Semipalmated, 269
- San Pedro River, 199
- Saracura, V., R. H. Macedo, and D. Blomqvist, Genetic Parentage and Variable Social Structure in Breeding Southern Lapwings, 354
- Schempf, P., *see* Booms, T., 756
- scientific contributions, 792
- Sciurus* spp., 158
- Scoter, Surf, 285
Scoter, White-winged, 285
- seabirds, 134, 306
- Searcy, W. A., *see* Krueger, T. R., 559
- Sears, J., and S. A. Hatch, Rhinoceros Auklet Developmental Responses to Food Limitation: An Experimental Study, 709
- seed trays, 772
- selection, opportunity for, 1
- self-medication, 782
- sex biased mortality, 574
differences, 154
ratio, 574
- sexual competence, 694
selection, 354, 387
signaling, 767
size dimorphism, 354
- Shaffer, T. L., *see* Niemuth, N. D., 211
- shorebirds, 63
- Sierra Nevada, 777
- size and up-slope movement, 365
- Skagen, S. K., *see* Sammler, J. E., 325
- skeleton, 354
- Skutch hypothesis, 166
- Smith, A. D., K. Donohue, and A. M. Dufty Jr., Intrafeather and Intra-individual Variation in the Stable-Hydrogen Isotope (δD) Content of Raptor Feathers, 500
- Smith, R. J., and M. I. Hatch, A Comparison of Shrub-Dominated and Forested Habitat Use by Spring Migrating Landbirds in Northeastern Pennsylvania, 682
- Smith, C. E., *see* Filardi, C. E., 24
- Smith, T. B., *see* Milá, B., 335
- snag, 80
- social birds, 13
selection, 24
- sociality, 354
- Sogge, M. K., *see* Durst, S. L., 514
- Solberg, J. W., *see* Niemuth, N. D., 211
- Solomon Islands, 24
- Somateria spectabilis*, 296
- song, female, 387
playbacks, 102
- songbird, 467
tropical, 387
- Sparrow, Fox, 482
Gambel's White-crowned, 658
House, 161
Swamp, 102
- sparrows, 772
- speciation, 24, 729
- species limits, 35, 482, 718
richness, 199
uniqueness, 199
- sperm, 694
competition, 694

S

- Sage-Grouse, Greater, 627
- salinity, 183
- Sammler, J. E., D. E. Andersen, and S. K. Skagen, Population Trends of Tundra-Nesting Birds at Cape Churchill, Manitoba, in Relation to Increasing Goose Populations, 325

Sperry, D. M., M. Kissling, and T. L. George, Avian Nest Survival in Coastal Forested Buffer Strips on Prince of Wales Island, Alaska, 740

Squires, J. R., The Goshawk, by Robert Kenward, 191

squirrel, southern flying, 441

St. Matthew and Hall Islands, 371

Stake, M. M., *see* Reidy, J. L., 458

status signal, 345

Sterna hirundo, 154

Stewart, I. R. K., *see* Morrison, E. B., 345

Stienen, E. W. M., W. Courtens, J. Everaert, and M. Van de walle, Sex-Biased Mortality of Common Terns in Wind-Farm Collisions, 154

stopover, 63, 682

Storey, A. E., *see* Wilhelm, S. I., 316

Stork, White, 55,

stress, nutritional, 709

oxidative, 694

Strix occidentalis, 792

subspecies, 359, 569

divergence, 102

Sula sula, 544

Sulidae, 544

Sullivan-Wiley, K., *see* Gjerdrum, C., 579

survival, 45, 241

adult, 55, 251

juvenile, 251

Swallow, Tree, 382

Swanson, D. L., Briefly Noted: A Birds of the World Quartet, 591

systematics, 35, 718

T

Tachycineta bicolor, 382

Tamarix, 514

Tanager, Cherrie's, 559

tarsus, 354

Taylor, P. D., *see* Leonard, T. D., 467

telemetry, radio, 392, 672

satellite, 296

temperature, 110

Tern, Common, 154

territory, 467

testosterone, 125

Theimer, T. C., *see* Durst, S. L., 514

Thogmartin, W. E., *see* Murray, L. D., 747

Thompson, F. R. III, *see* Reidy, J. L., 458

Thraupidae, 559

ticks, soft, 134

Tieleman, B. I., H. J. van Noordwijk, and J. B. Williams, Nest Site Selection in a Hot Desert: Trade-Off Between Microclimate and Predation Risk?, 116

transects, line, 325

Tongass National Forest, 740

torpor, 110

translocation, 639

trends, 325

tropical, 559

tropics, 125

Tryngites subruficollis, 63

Tsurim, I., Z. Abramsky, and B. P. Kotler, Foraging Behavior of Urban Birds: Are Human Commensals Less Sensitive to

Predation Risk Than Their Nonurban Counterparts?, 772

Turdus poliocephalus, 35

U, V

urban, 458

bird populations, 158

ecology, 158

ecosystem, 772

urbanization, 223

Uria aalge, 316

validation, 747

value asymmetry, 345

VanderWerf, E. A., Sources of Variation in Survival, Recruitment, and Natal Dispersal of the Hawai'i 'Elepaio, 241

Van de walle, M., *see* Stienen, E. W. M., 154

van Noordwijk, H. J., *see* Tieleman, B. I., 116

van Riper, C. III, *see* Paxton, K. L., 672

Vanellus chilensis, 354

variance decomposition, 563

variation, 500

Venezuela, 405

Vetter, W. E., *see* Roth, T. C., II., 260

video, 627

cameras, 458

Vireo atricapilla, 251, 428

cassinii, 365

griseus, 428

vocal behavior, 387

variation, 639

vocalizations, 102

W

Walsh, C. J., *see* Wilhelm, S. I., 316

Walters, J. R., *see* Blanc, L. A., 80

Walters, M. J., Politics and Extinction on a Hawaiian Island: Reply to Conant and Leonard, 806

warbler, 335

Warbler, Cerulean, 538

Golden-cheeked, 458

Yellow, 549

Yellow-throated, 569

Warkentin, I. G., *see* Leonard, T. D., 467

Watts, B. D., *see* Markham, A. C., 183

Wayne, R. K., *see* Milá, B., 335

weather, 158

Wehtje, W., *see* DaCosta, J. M., 170

Westneat, D. F., *see* Morrison, E. B., 345

Wethington, S. M., *see* McCaffrey, R. E., 786

White, G. C., *see* Brand, L. A., 199

Wiebe, K. L., *see* Flockhart, D. T. T., 701

Wilhelm, S. I., C. J. Walsh, and A. E. Storey, Time Budgets of Common Murres Vary in Relation to Changes in Inshore Capelin Availability, 316

Williams, D. A., and A. M. Hale, Investment in Nesting Activities and Patterns of Extra- and Within-Group Genetic Paternity in a Cooperatively Breeding Bird, 13

Williams, D. A., *see* Krueger, T. R., 559

Williams, J. B., *see* Tieleman, B. I., 116

Wilson, A. G., *see* Pruett, C. L., 359

Wilson, M. T., *see* Anderson, E. M., 285

Wilsonia pusilla, 672

wind turbine, 154

wing loading, optimized, 161

microevolution, 161

shape, 335

Wingfield, J. C., *see* Busch, D. S., 125

Winker, K., *see* Pruett, C. L., 359

Wolfenbarger, L. L., *see* Jorgensen, J. G., 63

Wong, S. N. P., R. A. Ronconi, A. E. Burger, and B. Hansen,
Marine Distribution and Behavior of Juvenile and
Adult Marbled Murrelets off Southwest Vancouver
Island, British Columbia: Applications for Monitoring,
306

woodlands, 223

woodpecker, 777

cavity, 441

Woodpecker, Black-backed, 450

Red-cockaded, 80, 441

Wright, T. F., *see* Guerra, J. E., 639

X, Y, Z

Yaukey, P. H., Effects of Hurricane Katrina on the Urban Resident
Landbirds of New Orleans, Louisiana, 158

Yunes-Jiménez, L., *see* Price, J. J., 387

Zink, R. M., Microsatellite and Mitochondrial DNA Differentiation
in the Fox Sparrow, 482

Zonotrichia leucophrys gambelii, 658

Zyskowski, K., *see* Greeney, H. F., 584