

Compiled by Alexa L. Bontrager

Source: The Condor, 109(4) : 996-1004

Published By: American Ornithological Society

URL: [https://doi.org/10.1650/0010-5422\(2007\)109\[996:CBALB\]2.0.CO;2](https://doi.org/10.1650/0010-5422(2007)109[996:CBALB]2.0.CO;2)

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 109

COMPILED BY ALEXA L. BONTRAGER

A

acoustic adaptation hypothesis, 658
 acoustic variation, 468
Acrocephalus, 954
 activity metabolism, 446
 adrenocortical response, 675
 aggression, 173
 Agreda, A., *see* Dove, C. J., 192
 agriculture, 648
Aix sponsa, 210
 allometry, 705
 altiplano, 276
 Alves, M. A. S., *see* Castro-Astor, I. N., 155
 Amazonia, 237
Ammodramus henslowii, 595
 Andes, 276
 Angelier, F., B. Moe, C. Clement-Chastel, C. Bech, and O. Chastel, Corticosterone Levels in Relation to Change of Mate in Black-legged Kittiwakes, 668
 Antbird, Dusky, 59
 Anthony, R. M., *see* Miller, D. A., 769
 Arctic, 894
 Arctic National Wildlife Refuge, 1
 Area, 1002, 1
 Areta, J. I., Behavior and Phylogenetic Position of Premnoplex Barbtails (Furnariidae), 399
 Argentina, 321
 Arizona, 199
 Arnold, T. W., and A. J. Green, On the Allometric Relationship between Size and Composition of Avian Eggs: A Reassessment, 705
 assimilation efficiency, 824
 Atkins, C., *see* Fleischer, R. C., 954
 Atlantic Forest, 155
 Audet, B., G. Gauthier, and E. Lévesque, Feeding Ecology of Greater Snow Goose Goslings in Mesic Tundra on Bylot Island, Nunavut, Canada, 361
 Auer, S. K., R. D. Bassar, J. J. Fontaine, and T. E. Martin, Breeding Biology of Passerines in a Subtropical Montane Forest in Northwestern Argentina, 321
Aythya affinis, 852

B

banding, 167
 barbtails, 399
 Bächler, E. and M. Schaub, The Effects of Permanent Local Emigration and Encounter Technique on Stopover Duration Estimates as Revealed by Telemetry and Mark-Recapture, 142
 Barreira, A. S., D. A. Lijtmaer, S. C. Loughheed, and P. L. Tubaro, Subspecific and Temporal Variation in the Structurally Based Coloration of the Ultramarine Grosbeak, 187
 Bart, J., *see* Brown, S., 1

Bassar, R. D., *see* Auer, S. K., 321
 Beadell, J., *see* Fleischer, R. C., 954
 Bech, C., *see* Angelier, F., 668
 Becker, B. H., S. H. Newman, S. Inglis, and S. R. Beissinger, Diet–Feather Stable Isotope ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) Fractionation in Common Murres and Other Seabirds, 451
 bee-eaters, 577
 behavior, 399
 agonistic, 475
 alternative, 548
 antipredator, 638
 incubation, 15
 Beissinger, S. R., *see* Becker, B. H., 451
 Benedict, L., Offspring Discrimination without Recognition: California Towhee Responses to Chick Distress Calls, 79
 Benites, P., P. L. Tubaro, D. A. Lijtmaer, S. C. Loughheed, and M. D. Eaton, Color Differences among Closely Related Species of Red-Breasted Meadowlarks (*Sturnella*), 605
 bioaccumulation, 862
 bird density, 734
 migration, 48
 population dynamics, 721
 birds, 199
 cavity-nesting, 97
 fossil, 929
 grassland, 781
 ground-nesting, 441
 Black Hills, 122
 Blake, J. G., Neotropical Forest Bird Communities: A Comparison of Species Richness and Composition at Local and Regional Scales, 237
 Böhner, J., *see* Chaiken, M., 968
 Bond, J. C., D. Esler, and K. A. Hobson, Isotopic Evidence for Sources of Nutrients Allocated to Clutch Formation by Harlequin Ducks, 698
?Borvocarbo stoeffelensis, 929
 Bosque, C., *see* Rodríguez-Ferraro, A., 824
 Boyd, W. S., *see* Lewis, T. L., 216
 Brace, R. C., *see* Pearce-Higgins, J. W., 167
 Bradbury, J. W., *see* Buhrman-Deever, S. C., 389
 Brattin, B. L., *see* Mora, M. A., 199
 breeding, 894
 autumnal, 334
 biology, 321, 351
 capital, 698
 dispersal, 566
 ecology, 907
 income, 698
 phenology, 334
 timing of, 463
 Breuner, C. W., *see* Lynn, S. E., 173
 brood amalgamation, 962

- Brown, D. R., and J. A. Long, What is a Winter Floater? Causes, Consequences, and Implications for Habitat Selection, 548
- Brown, S., J. Bart, R. B. Lanctot, J. A. Johnson, S. Kendall, D. Payer, and J. Johnson, Shorebird Abundance and Distribution on the Coastal Plain of the Arctic National Wildlife Refuge, 1
- Brush, T., *see* Werner, S. M., 907
- Buhrman-Deever, S. C., A. R. Rappaport, and J. W. Bradbury, Geographic Variation in Contact Calls of Feral North American Populations of the Monk Parakeet, 389
- Burton, N. H. K., Intraspecific Latitudinal Variation in Nest Orientation among Ground-Nesting Passerines: A Study Using Published Data, 441
- Butler, M. W., and A. M. Dufty Jr., Nestling Immunocompetence Is Affected by Captivity but Not Investigator Handling, 920
- Byrd, M. A., *see* Watts, B. D., 206
- C**
- Calidris pusilla*, 351
- Calkins, J. D., The Family Behavior of California Quail: A Molecular Analysis, 962
- Callipepla californica*, 962
- captive, 595
- captivity, 920
- Carduelis psaltria*, 419
- carry-over effects, 535
- Castro-Astor, I. N., M. A. S. Alves, and R. B. Cavalcanti, Display Behavior and Spatial Distribution of the White-crowned Manakin in the Atlantic Forest of Brazil, 155
- Catharus ustulatus*, 795
- Catlin, D. H., *see* Morrison, J. L., 648
- Cauca Guan, 841
- cause-specific mortality, 781
- Cavalcanti, R. B., *see* Castro-Astor, I. N., 155
- cavities, natural, 210
- Caziani, S. M., O. R. Olivio, E. R. Ramirez, M. Romano, E. J. Derlindati, A. Talamo, D. Ricalde, C. Quiroga, J. P. Contreras, M. Valqui, and H. Sosa, Seasonal Distribution, Abundance, and Nesting of Puna, Andean, and Chilean Flamingos, 276
- Cercomacra tyrannina*, 59
- Chaiken, M., and J. Böhner, Song Learning After Isolation in the Open-Ended Learner the European Starling: Dissociation of Imitation and Syntactic Development, 968
- character shift, 67
- Charadriidae, 32
- Charadrius alexandrinus*, 638
- Chastel, O., *see* Angelier, F., 668
- Chesapeake Bay, 206
- Chickadee, Black-capped, 88, 446
- choice, 595
- Churchill, 351
- Clement-Chastel, C., *see* Angelier, F., 668
- Clupea pallasii*, 216
- clutch size, 463
- coalescent analyses, 408
- coastal plain, 1
- Cohen, J. B., *see* Morrison, J. L., 648
- color, 419
- coloration, 187
- Columbiformes, 181
- Colwell, M. A., S. J. Hurley, J. N. Hall, and S. J. Dinsmore, Age-Related Survival and Behavior of Snowy Plover Chicks, 638
- communication, vocal, 870
- community composition, 237
- competition, interspecific, 463
- Conant, S., *see* Fleischer, R. C., 954
- condition, 88
- body 489
- dependent traits, 577
- contact call, 389
- contaminants, 852
- Contreras, J. P., *see* Caziani, S. M., 276
- convergence, 399
- Cooper, S. J., and S. Sonsthagen, Heat Production from Foraging Activity Contributes to Thermoregulation in Black-capped Chickadees, 446
- Cooper, S. J., Ecology and Behavior of Chickadees and Titmice: An Integrated Approach, edited by Ken A. Otter, 984
- Coraciiformes, 577
- Cormack-Jolly-Seber models, 142
- corticosteroid binding globulin, 173
- corticosterone, 548, 668
- corvid, 516
- Costa Rica, 475
- Crawford, R. D., Waterfowl Ecology and Management. Second Edition, by Guy A. Baldassarre and Eric G. Bolen, 483
- Cronin, T. W., *see* Kiere, L. M., 692
- cutaneous water loss, 9
- Cuthbert, J. L., and D. J. Mennill, The Duetting Behavior of Pacific Coast Plain Wrens, 686
- Cyanocompsa brissonii*, 187
- D**
- Dailey, T. V., Texas Quails: Ecology and Management, edited by Leonard A. Brennan, 985
- daily survival rate, 769
- DeLap, J., *see* Marzluff, J. M., 516
- delta method, 949
- demographic analyses, 949
- demography, 334, 489
- Dendroica caerulescens*, 304
- chrysoparia*, 628
- petechia*, 675
- density effects, interseasonal, 535
- depuration, 862
- Derlindati, E. J., *see* Caziani, S. M., 276
- deuterium, 256
- development, 920
- dialects, 658
- dichromatism, 577
- Dickcissel, 781
- diet, 361, 841
- composition, 48
- digestion, 824

- DiMiceli, J. K., P. C. Stouffer, E. I. Johnson, C. Leonardi, and E. B. Moser, Seed Preferences of Wintering Henslow's Sparrows, 595
 dimorphism, 577
 Dinsmore, S. J., *see* Colwell, M. A., 638
 Dinsmore, S. J., Wildlife-Habitat Relationships: Concepts and Applications. Third edition, by Michael L. Morrison, Bruce G. Marcot, and R. William Mannan, 980
 display, 155
 distance to edge, 288
 distress calls, 79
 distribution, 489
 disturbance, 437
 human, 638
 natural, 206
 Dixon, M. D., Corridor Ecology: The Science and Practice of Linking Landscapes for Biodiversity Conservation, by Jodi A. Hilty, William Z. Lidicker Jr., and Adina M. Merenlender, 715
 Dolan, A. C., *see* Redmond, L. J., 463
 Dove, C. J., and A. Agreda, Differences in Plumulaceous Feather Characters of Dabbling and Diving Ducks, 192
 Duck, Wood 210
 duck, diving 192
 sea, 216
 Dudley, J. G., *see* Saab, V. A., 97
 duet, 686
 Dufty, A. M., Jr., *see* Butler, M. W., 920
 Dugger, K., Techniques for Wildlife Investigations and Management, edited by Clait E. Braun, 981
 Dunn, P. O., *see* Whittingham, L. A., 585
 Durst, S. L., *see* Sogge, M. K., 475

E

- Eaton, M. D., *see* Benites, P., 605
 Eagle, Bald, 206
 echo, 67
 ecological trap, 109
 ecology, urban, 67, 516
 ecotoxicology, 199
 Ecuador, 237
 edge effects, 288, 628
 type, 288
 egg composition, 705
 mass, 463, 585
 size, 705
 eggshell, 199
 Eider, Common, 878
 eighteenth century, 808
 elevational limit, 437
 range, 437
 embryo age, 32
 emigration, permanent local, 142
Empidonax traillii, 475
 encounter technique, 142
 endangered species, 628, 870
 endogenous reserves, 698
 energetic condition, 795
 stress, 304
 Enspel, 929
 enzyme immunoassay, 181

- Esler, D., *see* Lewis, T. L., 216
 Esler, D., *see* Bond, J. C., 698
 Espinosa de los Monteros, A., *see* Rojas-Soto, O. R., 456
 evolutionary trap, 109
 exotic species, 841

F

- Faaborg, J., *see* Washburn, B. E., 181
 Faaborg, J., *see* Small, S. L., 721
 families, avian, 962
 Farrington, J., *see* Hobson, K. A., 256
 feather, 451
 characters, 192
 feeding, 268
 experiments, 595
 Fierro-Calderón, K., and T. E. Martin, Reproductive Biology of the Violet-chested Hummingbird in Venezuela and Comparisons with Other Tropical and Temperate Hummingbirds, 680
 fire frequency, 734
 flamingos, 276
 Fleischer, R. C., B. Slikas, J. Beadell, C. Atkins, C. E. McIntosh, and S. Conant, Genetic Variability and Taxonomic Status of the Nihoa and Laysan Millerbirds, 954
 Flicker, Northern, 976
 floaters, 548
 flooding, 210
 floodplain, 721
 habitat, 943
 Florida, 648
 Flycatcher, Olive-sided, 109
 Willow, 475
 folivory, 824, 841
 Fondell, T. F., *see* Miller, D. A., 769
 Fontaine, J. J., *see* Auer, S. K., 321
 food limitation, 304
 quality, 361
 selection, 361
 foraging, 446
 Forbes, M. R., *see* Mallory, M. L., 894
 forest fragmentation, 167
 Forsman, E. D., *see* Hamer, T. E., 750
 Fort, K. T., *see* van Oort, H., 88
 fractionation, 451
 free hormone, 173
 frugivory, 824, 841
 fruit, 795
 availability, 841
 Fuchs, J., J. Pons, E. Pasquet, M. J. Raherilalao, and S. M. Goodman, Geographical Structure of Genetic Variation in the Malagasy Scops-Owl Inferred from Mitochondrial Sequence Data, 408
 Fulmar, Northern, 894
Fulmarus glacialis, 894

G

- Galápagos, 132
 Gallagher, M., *see* Thogmartin, W. E., 943
 Galliformes, 962
 García-Amado, M. A., *see* Rodríguez-Ferraro, A., 824

Gates, R. J., *see* Nielsen, C. L. R., 210
 Gauthier, G., *see* Audet, B., 361
 Gehlbach, F. R., *see* Proudfoot, G. A., 617
 gene flow, 878
 tree, 456
 genetic variation, 954
 Gentry, D. J., and K. T. Vierling, Old Burns as
 Source Habitats for Lewis's Woodpeckers
 Breeding in the Black Hills of South Dakota,
 122
 geographic information systems, 256
 variation, 389
 Geupel, G. R., *see* Small, S. L., 721
 Gilchrist, H. G., *see* Smith, P. A., 15
 Glenn, E. M., *see* Hamer, T. E., 750
 global warming, 437
 Goldfinch, Lesser, 419
 Goodman, S. M., *see* Fuchs, J., 408
 Goose, Greater Snow, 361
 Grand, J. B., *see* Miller, D. A., 769
 Gratto-Trevor, C., *see* Liebezeit, J. R., 32
 Gray, B. R., *see* Thogmartin, W. E., 943
 Green, A. J., *see* Arnold, T. W., 705
 Grosbeak, Ultramarine, 187
 Grundel, R., and N. B. Pavlovic, Response of Bird
 Species Densities to Habitat Structure and
 Fire History along a Midwestern Open-Forest
 Gradient, 734
 Guatraché Lake, 658
 Guglielmo, C. G., *see* Smith, S. B., 48
 Gutiérrez, R. J., *see* Seamans, M. E., 566

H

habitat alteration, 566
 -dependent selection, 67
 ecology, 505
 preference, 109, 489
 quality, 88, 489, 638
 selection, 489, 505, 516, 535, 548, 566, 750, 795
 suitability, 489
 Hahn, T. P., *see* Lynn, S. E., 173
Haliaeetus leucocephalus, 206
 Hall, J. N., *see* Colwell, M. A., 638
 Hamer, T. E., E. D. Forsman, and E. M. Glenn,
 Home Range Attributes and Habitat Selection
 of Barred Owls and Spotted Owls in an Area
 of Sympatry, 750
 handling, 920
 Hannon, S. J., *see* Wilson, S., 377
 hatching date, 32
 Hawk, Red-shouldered, 648
 heat production, 446
 Hejl, S. J., *see* Werner, S. M., 307
 hematocrit, 88
 herring spawn, 216
 Hobson, K. A., S. Van Wilgenburg, L. I. Wassenaar,
 F. Moore, and J. Farrington, Estimating
 Origins of Three Species of Neotropical
 Migrant Songbirds at a Gulf Coast Stopover
 Site: Combining Stable Isotope and GIS
 Tools, 256
 Hobson, K. A., *see* Bond, J. C., 698
 Hofmann, C. M., *see* Kiere, L. M., 692
 Holberton, R. L., *see* Wilson, C. M., 675

Holmes, R. T., *see* Nagy, L. R., 304
 home range, 750
 Honeycutt, R. L., *see* Proudfoot, G. A., 617
 Hornbuckle, J., *see* Pearce-Higgins, J. W., 167
 Hubbard, M. W., *see* Wells, K. M. S., 781
 hummingbirds, tropical, 680
 Hunt, K., *see* Slabbekoorn, H., 67
 Hurley, S. J., *see* Colwell, M. A., 638
 Hurricane Isabel, 206
 Hutto, R. L., *see* Robertson, B. A., 109
Hylocichla mustelina, 288
 hypoxia, 976

I

Icterus gularis, 907
 spurius fueresi, 692
 spurius spurius, 692
 Illinois, 210
 immune function, 585
 immunocompetence, 920
 incubation period, 976
 individuality, 468
 information-theoretic approach, 377, 628
 Inglis, S., *see* Becker, B. H., 451
 inorganic elements, 852
 Inouye, C. Y., Bird Coloration. Volume I: Mech-
 anisms and Measurements, edited by Geoffrey
 E. Hill and Kevin J. McGraw, 482
 introduced populations, 389
 introgression, 456
 isotope, stable, 256, 268
 analysis, 698
 carbon, 451
 nitrogen, 451

J

Jehl, J. R., Jr., Disappearance of Breeding Semi-
 palmated Sandpipers from Churchill, Mani-
 toba: More Than a Local Phenomenon, 351
 Johnson, E. I., *see* DiMiceli, J. K., 595
 Johnson, J., *see* Brown, S., 1
 Johnson, J. A., *see* Brown, S., 1
 Johnson, M. D., *see* Kristan, W. B., III, 485
 Johnson, M. D., Measuring Habitat Quality: A
 Review, 489
 Johnson, M. D., *see* Tietz, J. R., 795
 Jover, L., *see* Sanpera, C., 268
 junco, 67

K

Kaiser, S. A., and C. A. Lindell, Effects of Distance
 to Edge and Edge Type on Nestling Growth
 and Nest Survival in the Wood Thrush, 288
 Kattan, G. H., *see* Muñoz, M. C., 841
 Kendall, S., *see* Brown, S., 1
 Kendall, S. J., *see* Liebezeit, J. R., 32
 Kiere, L. M., C. M. Hofmann, I. E. Tracy, T. W.
 Cronin, J. Leips, and K. E. Omland, Using
 Color to Define Species Boundaries: Quanti-
 tative Analysis in the Orchard Oriole Complex
 Supports the Recognition of Two Species, 692
 Kittiwake, Black-legged, 668
 Knutson, M. G., *see* Thogmartin, W. E., 943

- Koenig, W. D., and J. T. Stahl, Late Summer and Fall Nesting in the Acorn Woodpecker and Other North American Terrestrial Birds, 334
 Koronkiewicz, T. J., *see* Sogge, M. K., 475
 Kristan, W. B., III, Expected Effects of Correlated Habitat Variables on Habitat Quality and Bird Distribution, 505
 Kristan, W. B., III, M. D. Johnson, and J. T. Rotenberry, Choices and Consequences of Habitat Selection for Birds, 485

L

- Lagopus lagopus*, 377
 Lanctot, R. B., *see* Brown, S., 1
 Lanctot, R. B., *see* Brown, S., Liebezeit, J. R., 32
Larus audouinii, 268
 latitude, 441
 Laysan, 954
 lead, 852
 learning, open-ended, 968
 Leips, J., *see* Kiere, L. M., 692
 lek, 155
 Leonardi, C., *see* DiMiceli, J. K., 595
 Lévesque, E., *see* Audet, B., 361
 Lewis, T. L., D. Esler, and W. S. Boyd, Foraging Behaviors of Surf Scoters and White-winged Scoters during Spawning of Pacific Herring, 216
 Liebezeit, J. R., P. A. Smith, R. B. Lanctot, H. Schekkerman, I. Tulp, S. J. Kendall, D. M. Tracy, R. J. Rodrigues, H. Meltofte, J. A. Robinson, C. Gratto-Trevor, B. J. McCaffery, J. Morse, and S. W. Zack, Assessing the Development of Shorebird Eggs Using the Flotation Method: Species-Specific and Generalized Regression Models, 32
 life history, 321
 Lifjeld, J. T., *see* Whittingham, L. A., 585
 Lijtmaer, D. A., *see* Barreira, A. S., 187
 Lijtmaer, D. A., *see* Benites, P., 605
 Lijtmaer, D. A., and P. L. Tubaro, A Reversed Pattern of Association between Song Dialects and Habitat in the Rufous-collared Sparrow, 658
 Lindell, C. A., *see* Kaiser, S. A., 288
 lipids, 59
 Lobato, E., *see* Moreno, J., 312
 logistic exposure method, 628
 Londoño, G. A., *see* Muñoz, M. C., 841
 Long, J. A., *see* Brown, D. R., 548
 Loughheed, S. C., *see* Barreira, A. S., 187
 Loughheed, S. C., *see* Benites, P., 605
 Lower Rio Grande Valley, 907
 lowland rain forest, 59
 Lynn, S. E., T. P. Hahn, and C. W. Breuner, Free-Living Male Mountain White-crowned Sparrows Exhibit Territorial Aggression without Modulating Total or Free Plasma Testosterone, 173

M

Madagascar, 408

- Mallory, M. L., and M. R. Forbes, Does Sea Ice Constrain the Breeding Schedules of High Arctic Northern Fulmars?, 894
 Manakin, Band-tailed 167
 manakins, 155
 Manitoba, 351
 MARK, program, 377
 Marra, P. P., *see* Norris, D. R., 535
 Martell, M., Migrating Raptors of the World: Their Ecology and Conservation, by Keith L. Bildstein, 481
 Martin, K., *see* Wilson, S., 377
 Martin, T. E., *see* Auer, S. K., 321
 Martin, T. E., *see* Fierro-Calderón, K., 680
 Marzluff, J. M., J. C. Withey, K. A. Whittaker, M. D. Oleyar, T. M. Unfried, S. Rullman, and J. DeLap, Consequences of Habitat Utilization by Nest Predators and Breeding Songbirds across Multiple Scales in an Urbanizing Landscape, 516
 mate change, 668
 maternal effects, 585
 Matz, A. C., and D. A. Rocque, Contaminants in Lesser Scaup Eggs and Blood from Yukon Flats National Wildlife Refuge, Alaska, 852
 Mayr, G., A Small Representative of the Phalacrocoracoidea (Cormorants and Anhingas) from the Late Oligocene of Germany, 929
 McCaffery, B. J., *see* Liebezeit, J. R., 32
 McCracken, K. G., *see* Sonsthagen, S. A., 878
 McDonell, Z., *see* van Oort, H., 88
 McIntosh, C. E., *see* Fleischer, R. C., 954
 McMillian, M., *see* Morrison, J. L., 648
 McWilliams, S. R., *see* Smith, S. B., 48
 Meadowlark, Eastern, 781
 meadowlarks, 605
 measurements, 419
Megascops, 617
Melanerpes formicivorus, 334
 lewis, 122
Melanitta fusca, 216
 perspicillata, 216
 Meltofte, H., *see* Liebezeit, J. R., 32
 Mennill, D. J., *see* Cuthbert, J. L., 686
 Mennill, D. J., *see* Valderrama, S. V., 870
 mercury, 268
 Merino, S., *see* Moreno, J., 312
Merops philippinus, 577
 mesic tundra, 361
 metals, 199
 Mexico, 808
 microsatellites, 954
 microscopic, 192
 migration, 142, 268, 535
 fall 795
 migratory connectivity, 256, 535
 Miller, D. A., J. B. Grand, T. F. Fondell, and R. M. Anthony, Optimizing Nest Survival and Female Survival: Consequences of Nest Site Selection for Canada Geese, 769
 Miller, E. H., *see* Sung, H., 468
 Millerbird, 954
 Millspaugh, J. J., *see* Washburn, B. E., 181
 Millspaugh, J. J., *see* Suedkamp Wells, K. M., 781
 Missouri River, 943

- mitochondrial DNA, 408, 617, 954
Mociño, 808
Moe, B., *see* Angelier, F., 668
Molothrus aeneus, 907
molt, 419
monitoring, 351
Monk Parakeet, 389
monogamy, 312
Moore, F., *see* Hobson, K. A., 256
Moorman, C., Urban Wildlife Management, by Clark E. Adams, Kieran J. Lindsey, and Sara J. Ash, 718
Mora, M. A., R. J. Taylor, and B. L. Brattin, Potential Ecotoxicological Significance of Elevated Concentrations of Strontium in Eggshells of Passerine Birds, 199
Moreno, J., S. Merino, E. Lobato, M. A. Rodríguez-Gironés, and R. A. Vásquez, Sexual Dimorphism and Parental Roles in the Thorn-tailed Rayadito (Furnariidae), 312
Moreno, R., *see* Sanpera, C., 268
morphology, 132, 399
morphometric variation, 456
Morris, D. L., *see* Washburn, B. E., 181
Morrison, J. L., M. McMillan, J. B. Cohen, and D. H. Catlin, Environmental Correlates of Nesting Success in Red-shouldered Hawks, 648
Morse, J., *see* Liebezeit, J. R., 32
Moser, E. B., *see* DiMiceli, J. K., 595
Muñoz, M. C., G. A. Londoño, M. M. Rios, and G. H. Kattan, Diet of the Cauca Guan: Exploitation of a Novel Food Source in Times of Scarcity, 841
Muñoz-García, A., and J. B. Williams, Cutaneous Water Loss and Lipids of the Stratum Corneum in Dusky Antbirds, a Lowland Tropical Bird, 59
Murphy, M. T., *see* Redmond, L. J., 463
Murre, Common, 451
Myiopsitta monachus, 389
- N
- Nagy, L. R., D. Stanculescu, and R. T. Holmes, Mass Loss by Breeding Female Songbirds: Food Supplementation Supports Energetic Stress Hypothesis in Black-throated Blue Warblers, 304
Navarro-Sigüenza, A. G., A. T. Peterson, M. Á. Puig-Samper, and G. Zamudio, The Ornithology of the Real Expedición Botánica a Nueva España (1787–1803): An Analysis of the Manuscripts of José Mariano Mociño, 808
nest, 399
cavity, 976
densities, 97
distribution, 15
habitat, 15
loss, 206
orientation, 441
predation, 15, 210, 516, 721
reuse, 463
site selection, 15, 769
success, 648
survival, 97, 288, 377, 628, 721, 769
nesting, cavity, 122
late, 334
nestling, 920
growth, 585
growth rates, 288
Newman, S. H., *see* Becker, B. H., 451
Nielsen, C. L. R., and R. J. Gates, Reduced Nest Predation of Cavity-Nesting Wood Ducks during Flooding in a Bottomland Hardwood Forest, 210
Nihoa, 954
Norris, D. R., and P. P. Marra, Seasonal Interactions, Habitat Quality, and Population Dynamics in Migratory Birds, 535
- O
- oak savanna, 734
occupancy, 566
offspring discrimination, 79
recognition, 79
sex, 585
Oleyar, M. D., *see* Marzluff, J. M., 516
Oligocene, 929
Olivio, O. R., *see* Caziani, S. M., 276
Omland, K. E., *see* Kiere, L. M., 692
Oriole, Altamira, 907
Fuertes's, 692
Orchard, 692
ornithology, 808
Otter, K. A., *see* van Oort, H., 88
Otus, 408, 617
Owl, Barred, 750
screech-, 617
Spotted, 566, 750
oxygen consumption, 446
- P
- Panama, 59
parental care, 312
exclusions, 962
roles, 312
Parker, P. G., *see* Santiago-Alarcon, D., 132
Parra, J. E., *see* Valderrama, S. V., 870
Pasquet, E., *see* Fuchs, J., 408
Passeriformes, 181
passerines, 321
Pavlovic, N. B., *see* Grundel, R., 734
Payer, D., *see* Brown, S., 1
Peak, R. G., Forest Edges Negatively Affect Golden-cheeked Warbler Nest Survival, 628
Pearce-Higgins, J. W., R. C. Brace, and J. Hornbuckle, Survivorship of Band-tailed Manakins, 167
Peh, K. S., Potential Effects of Climate Change on Elevational Distributions of Tropical Birds in Southeast Asia, 437
Penelope perspicax, 841
Peterson, A. T., *see* Navarro-Sigüenza, A. G., 808
Phalacrocoracidae, 929
parasitism, cowbird, 721
Phoenicoparrus andinus, 276
jamesi, 276
chilensis, 276
phylogeny, 929

phylogeography, 408, 456, 617
 phytohemagglutinin, 920
Pipilo crissalis, 79
Pipra fasciicauda, 167
 Pipridae, 167
 Plain Wren, 686
 plasma, 181
 metabolites, 48
 Plover, Piping, 468
 Snowy, 638
 plumage, 187, 419
 coloration, 312, 577, 692
 male, 605
 plumulaceous, 192
Poecile atricapillus, 88, 446
 point counts, 943
 Poisson regression, 943
 pollutants, persistent organic, 852
 ponderosa pine, 122
 forests, 97
 Pons, J., *see* Fuchs, J., 408
 population dynamics, 351
 genetic structure, 878
 model, 505
 size, 535
 postfire salvage logging, 97
 postfledging, 781
 Powell, L. A., Approximating Variance of Demographic Parameters Using the Delta Method: A Reference for Avian Biologists, 949
 power, 943
 predation, 122
 danger, 638
 predator activity, 377
 -prey relationships, 769
Premnoplex, 399
Premnornis, 399
 prey, alternative, 377
 productivity, 648
 Proudfoot, G. A., F. R. Gehlbach, and R. L. Honeycutt, Mitochondrial DNA Variation and Phylogeography of the Eastern and Western Screech-Owls, 617
 provisioning, 88
 Ptarmigan, Willow, 377
 Puig-Samper, M. Á., *see* Navarro-Sigüenza, A. G., 808

Q

Quail, California, 962
 Quiroga, C., *see* Caziani, S. M., 276

R

Raherilalao, M. J., *see* Fuchs, J., 408
 rainfall, 648
 Ramírez, E. R., *see* Caziani, S. M., 276
 Rappaport, A. R., *see* Buhrman-Deever, S. C., 389
 raptor, 648
 Redmond, L. J., M. T. Murphy, and A. C. Dolan, Nest Reuse by Eastern Kingbirds: Adaptive Behavior or Ecological Constraint?, 463
 reduction mechanism, 675
 reflectance, 605
 spectrometry, 692

regression, ordinary least squares, 705
 nonparametric multiplicative, 734
 reduced major axis, 705
 reproductive stress, 304
 biology, 680
 performance, 206
 success, 516
 restoration, 721, 734
 reverberations, 67
 Ricalde, D., *see* Caziani, S. M., 276
 Rich, T. D., Conservation across Borders: Biodiversity in an Interdependent World, by Charles C. Chester, 716
 Rios, M. M., *see* Muñoz, M. C., 841
 riparian forest, 721
Rissa tridactyla, 668
 Robertson, B. A., and R. L. Hutto, Is Selectively Harvested Forest an Ecological Trap for Olive-Sided Flycatchers?, 109
 Robinson, J. A., *see* Liebezeit, J. R., 32
 Rocque, D. A., *see* Matz, A. C., 852
 Rodrigues, R. J., *see* Liebezeit, J. R., 32
 Rodríguez-Ferraro, A., M. A. García-Amado, and C. Bosque, Diet, Food Preferences, and Digestive Efficiency of the Grayish Saltator, a Partly Folivorous Passerine, 824
 Rodríguez-Gironés, M. A., *see* Moreno, J., 312
 Rohweder, J. J., *see* Thogmartin, W. E., 943
 Rojas-Soto, O. R., A. Espinosa de los Monteros, and R. M. Zink, Phylogeography and Patterns of Differentiation in the Curve-billed Thrasher, 456
 Romano, M., *see* Caziani, S. M., 276
 Rotenberry, J. T., *see* Kristan, W. B., III, 485
 Ruiz, X., *see* Sanpera, C., 268
 Rullman, S., *see* Marzluff, J. M., 516
 Russell, R. E., *see* Saab, V. A., 97
 Ryan, M. R., *see* Suedkamp Wells, K. M., 781

S

Saab, V. A., R. E. Russell, and J. G. Dudley, Nest Densities of Cavity-Nesting Birds in Relation to Postfire Salvage Logging and Time Since Wildfire, 97
 Sandpiper, Semipalmated, 351
 salt lakes, 276
Saltator coerulescens, 824
 Saltator, Grayish, 824
 sampling variance approximation, 949
 Sanpera, C., X. Ruiz, R. Moreno, L. Jover, and S. Waldron, Mercury and Stable Isotopes in Feathers of Audouin's Gulls as Indicators of Feeding Habits and Migratory Connectivity, 268
 Santiago-Alarcon, D., and P. G. Parker, Sexual Size Dimorphism and Morphological Evidence Supporting the Recognition of Two Subspecies in the Galápagos Dove, 132
 Santolo, G. M., Selenium Accumulation in European Starlings Nesting in a Selenium-Contaminated Environment, 862
 scale, local, 237
 regional, 237
 Scaup, Lesser, 852

- Schaub, M., *see* Bächler, E., 142
Schekkerman, H., *see* Liebezeit, J. R., 32
Schulz, J. H., *see* Washburn, B. E., 181
Scolopacidae, 32
Scoter, Surf, 216
 White-winged, 216
sea ice, 894
seabird,
Seamans, M. E., and R. J. Gutiérrez, Habitat
 Selection in a Changing Environment: The
 Relationship between Habitat Alteration and
 Spotted Owl Territory Occupancy and Breed-
 ing Dispersal, 566
seasonal effects, 734
seeds, 595
selective harvest, 109
selenium, blood, 862
 egg, 862
 liver, 862
sensitive periods, 968
Sessé, 808
sexual dimorphism, 312
 selection, 312
 size dimorphism, 132
shorebird, 1, 15
Siefferman, L., Y. Wang, Y. Wang, and H. Yuan,
 Sexual Dichromatism, Dimorphism, and Con-
 dition-Dependent Coloration in Blue-tailed
 Bee-eaters, 577
simulated territorial intrusion, 173
Slabbekoorn, H., P. Yeh, and K. Hunt, Sound
 Transmission and Song Divergence: A Com-
 parison of Urban and Forest Acoustics, 67
Slikas, B., *see* Fleischer, R. C., 954
Small, S. L., F. R. Thompson III, G. R. Geupel, and
 J. Faaborg, Spotted Towhee Population Dy-
 namics in a Riparian Restoration Context, 721
Smith, J. N. M., *see* Smith, P. A., 15
Smith, P. A., *see* Liebezeit, J. R., 32
Smith, P. A., H. G. Gilchrist, and J. N. M. Smith,
 Effects of Nest Habitat, Food, and Parental
 Behavior on Shorebird Nest Success, 15
Smith, S. B., S. R. McWilliams, and C. G.
 Guglielmo, Effect of Diet Composition on
 Plasma Metabolite Profiles in a Migratory
 Songbird, 48
snakes, 781
Snyder, N. F. R., Two Evaluations of Condor
 Recovery, 983
social dominance, 88
 influences, 968
 systems, 548
Sogge, M. K., T. J. Koronkiewicz, C. v. Riper III,
 and S. L. Durst, Willow Flycatcher Non-
 breeding Territory Defense Behavior in Costa
 Rica, 475
solar radiation, 441
Somateria mollissima, 878
song, 155, 686
 female, 475
 evolution, 67
 learning, 968
Sonsthagen, S., *see* Cooper, S. J., 446
Sonsthagen, S. A., S. L. Talbot, and K. G.
 McCracken, Genetic Characterization of
 Common Eiders Breeding in the Yukon-
 Kuskokwim Delta, Alaska, 878
Sosa, H., *see* Caziani, S. M., 276
South Texas, 907
Southeast Asia, 437
sp. nov., 929
Sparrow, Rufous-collared, 658
 White-throated, 48
spatial distribution, 155
 variation, 237
species boundaries, 692
 limits, 456
 richness, 237
spectrophotometry, 605
spot mapping, 516
Stahl, J. T., *see* Koenig, W. D., 334
Stanculescu, D., *see* Nagy, L. R., 304
Starling, European, 862, 968
Sternoclyta cyanopectus, 680
stopover, 256, 795
 duration, 142
Stouffer, P. C., *see* DiMiceli, J. K., 595
stress, 920
 response, 675
Strix occidentalis, 566, 750
 varia, 750
strontium, 199, 852
Sturnella, 605
Sturnus vulgaris, 862, 968
subspecies, 187, 456
Suedkamp Wells, K. M., M. R. Ryan, J. J. Mill-
 spaugh, F. R. Thompson III, and M. W.
 Hubbard, Survival of Postfledging Grassland
 Birds in Missouri, 781
Sung, H., and E. H. Miller, Variation and In-
 dividuality in Display-Flight Calls of Male
 Piping Plovers, 468
survival, 167
 chick, 638
 female, 769
 juvenile, 781
Sylvia hortensis, 142
sympatry, 605
syntax, 968
- T**
- Tachycineta bicolor*, 585
tail length, 312
Tálaro, A., *see* Caziani, S. M., 276
Talbot, S. L., *see* Sonsthagen, S. A., 878
Tamaulipan brushland, 907
Taylor, R. J., *see* Mora, M. A., 199
telemetry, 142
temperature, ambient, 585
temporal factors, 628
territoriality, 548
testosterone, 173, 181
thermoregulation, 59
Thogmartin, W. E., B. R. Gray, M. Gallagher, N.
 Young, J. J. Rohweder, and M. G. Knutson,
 Power to Detect Trend in Short-Term Time
 Series of Bird Abundance, 943
Thompson, F. R., III, *see* Small, S. L. 721

- Thompson, F. R., III, *see* Suedkamp Wells, K. M., 781
 Thrush, Swainson's, 795
 Wood, 288
Thryothorus modestus, 686
 Tietz, J. R., and M. D. Johnson, Stopover Ecology and Habitat Selection of Juvenile Swainson's Thrushes during Fall Migration along the Northern California Coast, 795
 timber management, 109
 time budget, 824
 Towhee, California, 79
Toxostoma curvirostre, 456
 Tracy, D. M., *see* Liebezeit, J. R., 32
 Tracy, I. E., *see* Kiere, L. M., 692
 transients, 167
 tree density, 734
 trend estimation, 943
 Tubaro, P. L., *see* Barreira, A. S., 187
 Tubaro, P. L., *see* Benites, P., 605
 Tubaro, P. L., *see* Lijtmaer, D. A., 658
 Tulp, I., *see* Liebezeit, J. R., 32
 two-species hypothesis, 408
Tyrannus tyrannus, 463

U

- underdispersion, 943
 Unfried, T. M., *see* Marzluff, J. M., 516
Uria aalge, 451
 utilization distribution, 516

V

- Valderrama, S. V., J. E. Parra, and D. J. Mennill, Species Differences in the Songs of the Critically Endangered Niceforo's Wren and the Related Rufous-and-white Wren, 870
 Valqui, M., *see* Caziani, S. M., 276
 van Oort, H., K. A. Otter, K. T. Fort, and Z. McDonell, Habitat, Dominance, and the Phenotypic Quality of Male Black-capped Chickadees, 88
 van Riper, C., III, *see* Sogge, M. K., 475
 Van Wilgenburg, S., *see* Hobson, K. A., 256
 Vásquez, R. A., *see* Moreno, J., 312
 vegetation, 769
 Vierling, K. T., *see* Gentry, D. J., 122
 vocalization, 468, 475

W

- Waldron, S., *see* Sanpera, C., 268
 Wang, Y., *see* Siefferman, L., 577
 Warbler, Yellow, 675
 Washburn, B. E., J. J. Millspaugh, D. L. Morris, J. H. Schulz, and J. Faaborg, Using a Commercially Available Enzyme Immunoassay to Quantify Testosterone in Avian Plasma, 181
 Washington, 750

- Wassenaar, L. I., *see* Hobson, K. A., 256
 Watts, B. D., and M. A. Byrd, Impact of Hurricane Isabel on Bald Eagle Nests and Reproductive Performance in the Lower Chesapeake Bay, 206
 wear, 419
 Werner, S. M., S. J. Hejl, and T. Brush, Breeding Ecology of the Altamira Oriole in the Lower Rio Grande Valley, Texas, 907
 Whittaker, K. A., *see* Marzluff, J. M., 516
 Whittingham, L. A., P. O. Dunn, and J. T. Lifjeld, Egg Mass Influences Nestling Quality in Tree Swallows, but There Is No Differential Allocation in Relation to Laying Order or Sex, 585
 Wiebe, K. L., Hypoxia Probably Does Not Explain Short Incubation Periods of Woodpeckers, 976
 wildfire, 97, 109, 122
 Williams, J. B., *see* Muñoz-Garcia, A., 59
 Willoughby, E. J., Geographic Variation in Color, Measurements, and Molt of the Lesser Goldfinch in North America Does Not Support Subspecific Designation, 419
 Wilson, C. M., and R. L. Holberton, Are Nestlings the Cue for Reduction of the Adrenocortical Response to Stress in Male Yellow Warblers Breeding at High Latitude?, 675
 Wilson, S., K. Martin, and S. J. Hannon, Nest Survival Patterns in Willow Ptarmigan: Influence of Time, Nesting Stage, and Female Characteristics, 377
 wing-loading hypothesis, 304
 winter, 548
 territoriality, 475
 Withey, J. C., *see* Marzluff, J. M., 516
 woodpecker, 976
 Woodpecker, Acorn, 334
 Wren, Canebrake, 686
 Niceforo's, 870
 Rufous-and-white, 870
 Thryothorus, 870

X, Y

- Yeh, P., *see* Slabbekoorn, H., 67
 Young, N., *see* Thogmartin, W. E., 943
 Yuan, H., *see* Siefferman, L., 577
 Yungas forest, 321

Z

- Zack, S. W., *see* Liebezeit, J. R., 32
 Zamudio, G., *see* Navarro-Sigüenza, A. G., 808
Zenaida galapagoensis, 132
 Zink, R. M., *see* Rojas-Soto, O. R., 456
Zonotrichia albicollis, 48
 capensis, 658
 leucophrys oriantha, 173