

Index to Volume 124, 2012

Compiled by Leslie A. Robb

This index includes references to genera, species, authors, and key words or terms. References are made to scientific names of all vertebrates mentioned within the volume and other taxa mentioned prominently in the text, in addition to avian species. Nomenclature follows the *AOU Check-list of North American Birds* (Seventh Edition), the *Fifty-second Supplement to the American Ornithologists' Union Check-list of North American Birds*, and F. Gill and M. Wright and supplements through 2012 (*Birds of the World, Recommended English Names, Princeton University Press, Princeton, New Jersey, USA and Oxford, United Kingdom*). Reference is made to books reviewed and announcements as they appear in the volume.

A

- abundance
 landscape-level forest cover is a predictor of *Setophaga cerulea* abundance, 721–727
 seasonal variation in shorebird abundance in Rio Grande do Sul, Brazil, 40–50
 temporal and spatial patterns in abundance of *Glyphorhynchus spirurus* in lowland Ecuador, 436–445
- Acanthiza apicalis*, 348
- Accipiter bicolor*, 767, 771, 773
 chilensis, 773
 chionogaster, 771
 cooperii, 397, 626–628, 631–632, 753, 775–783, 786
 erythronemius, 636–640, 771
 gentilis, 764
 gundlachi, 773
 pectoralis, 771
 poliogaster, 767–774
 striatus, 626–628, 753, 771, 773
 striatus venattor, 758
- Acrocephalus paludicola*, 13, 260
- Aechmophorus clarkii*, 159, 713–720
 occidentalis, 159, 713–720
- Aegolius acadicus*, 204
 funereus, 205, 387
- Aegotheles cristatus*, 796
- Aerodramus spodiopygius*, 153, 391
- Aethia cristatella*, 146, 148
 pusilla, 146–151
- Ağaoğlu, Yildirim, see Onmuş, Ortaç, ———, and Orhan Gül
- Agelaius phoeniceus*, 188–190
- Aguilar, Thaís Maya, see Ancíães, Marina, ———, Lemuel Olívio Leite, Renata Dornelas Andrade, and Miguel Ângelo Marini
- Aix sponsa*, 184
- Akepa, see *Loxops coccineus*
- Akodon azarae*, 591–592
- Alca torda*, 247
- ‘Alalā, see *Corvus hawaiiensis*
- Allen, Michael C. and Kimberly A. Peters, Nest survival, phenology, and nest-site characteristics of Common Nighthawks in a New Jersey Pine Barrens grassland, 113–118
- Alopex lagopus*, 407
- Alouatta pigra*, 294, 296
- Aluterus* sp., 70
- Amakihi, see *Loxops virens*
- ‘Āmaui, see *Myadestes woahensis*
- Amazilia amabilis*, 111
 candida, 109–111, 570
 spp., 106
 tobaci, 347
 tzacatl, 111, 347, 570
- Amazon, Yellow-naped, see *Amazona auropalliata*
- Amazona albifrons*, 570
 auropalliata, 393
 autumnalis, 570
 autumnalis diadema, 18
 finschi, 393–396
 vittata, 762
- Ammodramus caudacutus*, 253–264
 maritimus, 261
 nelsoni, 253, 262
 savannarum, 24–30, 349
- Ammotragus lervia*, 279, 284
- Ampelion rubrocristatus*, 572–580
- Anairetes parulus*, 634
- Anaplectes rubriceps*, 348
- Anas bahamensis*, 184
 platyrhynchos, 184
 rubripes, 184
- Ancíães, Marina, Thaís Maya Aguilar, Lemuel Olívio Leite, Renata Dornelas Andrade, and Miguel Ângelo Marini, Nesting biology of the Yellow-olive Flatbill (Tyrannidae, Elaninae) in Atlantic Forest fragments, 547–557
- Andersen, David E., see Peterson, Sean M., Henry M. Streby, and ———
- Andersen, David E., see Streby, Henry M. and ———
- Andrade, Renata Dornelas, see Ancíães, Marina, Thaís Maya Aguilar, Lemuel Olívio Leite, ———, and Miguel Ângelo Marini
- Anhinga, see *Anhinga anhinga*
- Anhinga anhinga*, 294, 403–405, 636–637
- Ani, Smooth-billed, see *Crotophaga ani*
- Anisognathus igniventris*, 572–580
 lacrymosus, 572–580
- Anolis mariarium*, 542
- Anous stolidus*, 68
- ant, fire, see *Solenopsis invicta*
- Antbird, Black-faced, see *Myrmoborus myotherinus ardesiacus*
- Anthus lutescens*, 119–126

- pratensis*, 121, 123–125
rubescens, 120, 123, 125
spragueii, 120, 123–125, 310–315
 Antwren, Marsh, see *Stymphalornis acutirostris*
 aoudad, see *Ammotragus lervia*
 Apapane (*Apapane), see *Himatione sanguinea*
Aphelocoma californica, 283
 coerulescens, 93
Aphrastrura spinicauda, 737–742
Apodemus spp., 514
Apus apus, 6, 153
 Aracari, Ivory-billed, see *Pteroglossus azara azara*
Aramides calopterus, 22
Aranens trifolium, 347, 350
Aratinga nana, 564, 566, 570
 Arbeláez-Cortés, Enrique and Oscar H. Marín-Gomez, The composition of mixed-species bird flocks in Alto Quindío, Colombia, 572–580
 Arce, Paulina, see Daigre, Maximiliano, ———, and Alejandro Simeone
Archilochus alexandri, 641
 colubris, 33, 346–347, 570, 641
Ardea herodias, 407
Arenaria interpres, 42–43, 45, 48
 Areta, Juan Ignacio, Winter songs reveal geographic origin of three migratory seedeaters (*Sporophila* spp.) in southern neotropical grasslands, 688–697
Argiope aurantia, 349–350
 caphinarium, 347, 350
 spp., 347, 351
 Arnett, John E., see Michael L. Avery, Eric A. Tillman, Kandy L. Keacher, ———, and Kelli J. Lundy
Arremon torquatus, 572–580
Arremonops chloronotus, 571
 Arriaga-Weiss, Stefan L., see van der Wal, Hans, Beatriz Peña-Álvarez, ———, and Salvador Hernández-Daumás
Asio flammeus, 758
 Askins, Robert A., review, The atlas of birds. Diversity, behavior, and conservation, by Mike Unwin, 193–195
Asthenes luizae, 62
 Astié, Andrea and Natalia Luchesi, Reproductive success of the Creamy-bellied Thrush in a southern temperate zone, 133–138
Ateles geoffroyi, 294–296
Athene cucularia, 199
Atlapetes pallidinucha, 572–580
 schistaceus, 572–580
Attila citriniventris, 23
 torridus, 23
 Auklet, Crested, see *Aethia cristatella*
 Least, see *Aethia pusilla*
Avicularia spp., 351
- B**
- Babbitt, Kimberly J., see Suomala, Rebecca W., Sara R. Morris, and ———
Baeolophus bicolor, 33, 267, 626–629, 809
 inornatus, 387
 wollweberi, 628
 Baker, Myron C., Silvereyes (*Zosterops lateralis*) song differentiation in an island-mainland comparison: analyses of a complex cultural trait, 454–466
 Balance, Lisa T., see Pitman, Robert L., ———, and Charles A. Bost
 Ballard, Bart M., see James, J. Dale, Jonathan E. Thompson, and ———
 Bananaquit, see *Coereba flaveola*
 Barber, Colleen A., see Smith, Kayley D. and ———
 Barbraud, Christophe, see Lormée, Herve, Karine Delord, Bruno Letournel, and ———
 Barrantes, Gilbert, see Vargas-Castro, Luis E., Natalie V. Sánchez, and ———
Basileuterus rufifrons, 571
Bassariscus astutus, 281, 283
 Batchelder, Gigi, see Batchelder, Ned, ———, Dale A. Livezey, and Jeffrey S. Marks
 Batchelder, Ned, Gigi Batchelder, Dale A. Livezey, and Jeffrey S. Marks, Simultaneous multiple nests of Calliope Hummingbird and Rufous Hummingbird, 640–643
 Bauböck, Lisa, Abraham J. Miller-Rushing, Richard B. Primack, Trevor L. Lloyd Evans, and Fred E. Wasserman, Climate change does not affect protandry in seven passerines in North America, 208–216
 Baylis, Shane M., Phillip Cassey, and Mark E. Hauber, Capsaicin as a deterrent against introduced mammalian nest predators, 518–524
 Beardless-Tyrannulet, Northern, see *Camptostoma imberbe*
 Beason, Jason P., Carolyn Gunn, Kim M. Potter, Robert A. Sparks, and James W. Fox, The Northern Black Swift: migration path and wintering area revealed, 1–8
 Beason, Jason P., see Gunn, Carolyn, Kim M. Potter, and ———
 Becard, Barred, see *Pachyramphus versicolor*
 behavior
 agonistic interactions between foraging *Anhinga anhinga* females in southeastern Brazil, 403–405
 asymmetries in mobbing behavior among nuclear flockmates, 626–629
 composition of mixed-species bird flocks in Alto Quindío, Colombia, 572–580
 Corvus splendens attempt to cooperatively kleptoparasitize *Pandion haliaetus*, 406–408
 diurnal activity of *Glaucidium nana* in southern Chile, 633–635
 effects of conspecifics on feeder choice by *Cardinalis cardinalis*, 808–811
 first description of the reproductive biology of *Accipiter poliogaster*, 767–774
 fledgling *Pelecanus thagus* attack and consume younger unrelated conspecifics, 603–607
 foraging over *Sargassum* by western North Atlantic seabirds, 66–72
 foraging tactics by *Buteo jamaicensis* in an urban environment, 818–820
 forced mating and female control in *Ammodramus caudacutus*, 253–264

- Gavia immer* aggressive motivation and lengthening territorial yodels, 73–80
 infanticide by a female *Hirundo rustica*, 608–611
 kleptoparasitism of nesting material from a *Cranioleuca erythropus* nest site, 812–815
 lek behavior of *Stephanoxis lalandi*, 106–112
 multiple male feeders at nests of *Catharus fuscescens*, 396–399
 nest building by *Stymphalornis acutirostris*, 286–291
 of *Glaucidium gnoma* fledglings in the Rocky Mountains, 199–207
 of male *Setophaga cerulea* in relation to habitat characteristics, 497–505
 prolonged incubation and early clutch reduction of *Ciconia ciconia*, 362–366
 relocation movements of *Chordeiles minor* nestlings in relation to age, 793–797
 restoration of movement patterns of *Branta sandvicensis*, 478–486
 social organization and daily activity patterns of *Crax blumenbachii*, 321–327
 territorial fidelity to nectar sources by *Eulampis jugularis*, 81–86
 winter microhabitat foraging preferences of sympatric *Poecile hudsonicus* and *P. atricapillus*, 820–824
Zugunruhe in migrating *Podiceps nigricollis californicus*, 158–161
- Behney, Adam C., Blake A. Grisham, Clint W. Boal, Heather A. Whitlaw, and David A. Haukos, Sexual selection and mating chronology of Lesser Prairie-Chickens, 96–105
- Belinsky, Kara Loeb, Joel Lahman Hogle, and Kenneth A. Schmidt, Veeries experience more varied acoustic competition at dawn than at dusk, 265–269
- Belmonte-Lopes, Ricardo, see Reinert, Bianca L., ———, Marcos R. Bornschein, Daiane D. Sobotka, Leandro Corrêa, Marco R. Pie, and Marco A. Pizo
- Belo, Anabela F., see Pires, Bárbara A., ———, and João E. Rabaça
- Berjano, Regina, see Carrión-Tacuri, Jorge, ———, Giovanni Guerrero, Enrique Figueroa, Alan Tye, and Jesús M. Castillo
- Berlepschia rikeri*, 666
- Bibimys torresi*, 592
- bigeye, see *Priacanthus* sp.
- Bishop, Jennifer Thompson, John A. Gerwin, and Richard A. Lancia, Nesting ecology of Swainson's Warblers in a South Carolina bottomland forest, 728–736
- Blackbird, Common, see *Turdus merula*
 Melodious, see *Dives dives*
 Oriole, see *Gymnomystax mexicanus*
 Red-winged, see *Agelaius phoeniceus*
 Rusty, see *Euphagus carolinus*
- Black-Hawk, Common, see *Buteogallus anthracinus*
- Blake, John G. and Bette A. Loiselle, Temporal and spatial patterns in abundance of the Wedge-billed Wood-creeper (*Glyphorhynchus spirurus*) in lowland Ecuador, 436–445
- Bluebird, Eastern, see *Sialia sialis*
 Western, see *Sialia mexicana*
- Boa constrictor*, 743
- Boal, Clint W., see Behney, Adam C., Blake A. Grisham, ———, Heather A. Whitlaw, and David A. Haukos
- Boal, Clint W., see Roberts, Anthony J., ———, David B. Wester, Sandra Rideout-Hanzak, and Heather A. Whitlaw
- bobcat, see *Lynx rufus*
- Bobwhite, Northern, see *Colinus virginianus*
- Boesing, Andrea Larissa, see Uejima, Angelica Maria Kazue, ———, and Luiz dos Anjos
- Boesing, Andrea Larissa, Willian Menq, and Luiz dos Anjos, First description of the reproductive biology of the Grey-bellied Hawk (*Accipiter poliogaster*), 767–774
- Bogertohis subocularis*, 281
- Bolaños, Oscar, see Funes, Carlos, ———, and Oliver Komar
- Bollinger, Eric K., see Ostrand, Susan Linn and ———
- Bombycilla cedrorum*, 217–229
- Bonasa* spp., 335
umbellus, 627
- Bond, Alexander, William C. Evans, and Ian L. Jones, Avian mortality associated with a volcanic gas seep at Kiska Island, Aleutian Islands, Alaska, 146–151
- Booby, Blue-footed, see *Sula nebouxii*
 Brown, see *Sula leucogaster*
 Masked, see *Sula dactylatra*
 Nazca, see *Sula granti*
 Red-footed, see *Sula sula*
- Borges, Sérgio H. and José M. C. Da Silva, A new area of endemism for Amazonian birds in the Rio Negro Basin, 15–23
- Bornschein, Marcos R., see Reinert, Bianca L., Ricardo Belmonte-Lopes, ———, Daiane D. Sobotka, Leandro Corrêa, Marco R. Pie, and Marco A. Pizo
- Borowiec, Marta, see Stawarczyk, Tadeusz, ———, Harold F. Greeney, and Jose T. Simbaña
- Bost, Charles A., see Pitman, Robert L., Lisa T. Ballance, and ———
- Bostwick, Kimberly S., review, Feathers: the evolution of a natural miracle, by Thor Hanson, 421–422
- Bowdleria* spp., 665
- Bowen, Liessa T., see Moorman, Christopher E., ———, John C. Kilgo, James L. Hanula, Scott Horn, and Michael D. Ulyshen
- Brachygalbula lugubris phaeonota*, 18
- Bradyptes* spp., 295
- Branta canadensis*, 483
canadensis maxima, 600
sandvicensis, 478–486
- Braun, Clait E., Editorial News, 427
- Braun, Clait E., review, Ecology, conservation, and management of grouse, edited by Brett K. Sandercock, Kathy Martin, and Gernot Segelbacher, 196–197
- Braun, Clait E. and Nancy J. K. Braun, Editorial, 848
- Braun, Nancy J. K., see Braun, Clait E. and ———
 breeding biology
 does nest-box size impact clutch size of *Passer domesticus*? 384–389
 double brooding by *Dendrocygna autumnalis*, 183–185

- ecology and habitat selection of *Pluvianellus socialis*, 487–496
- eggs, nest, and parental care of *Myiotheretes fumigatus*, 169–173
- first description of the reproductive biology of *Accipiter poliogaster*, 767–774
- first nesting information for *Chlorochrysa calliparaea* [*calliparea*], 380–384
- forced mating and female control in *Ammodramus caudacutus*, 253–264
- mating and breeding success decline with elevation for *Troglodytes pacificus* in coastal mountain forests, 270–276
- mating chronology of *Tympanuchus pallidicinctus*, 96–105
- multiple male feeders at nests of *Catharus fuscescens*, 396–399
- nesting of *Poospiza cinerea* in southeastern Brazil, 166–169
- nesting performance of *Falco peregrinus* in Colorado, Montana, and Wyoming, 2005–2009, 127–132
- of *Certhia americana* in Central America, 177–179
- of *Chordeiles minor* in a Pine Barrens grassland, 113–118
- of *Cyanocorax chrysops* in the Brazilian Atlantic Forest, 87–95
- of *Hypopyrrhus pyrohypogaster* of the Colombian Andes, 538–546
- of invasive *Myiopsitta monachus* in south Florida, 581–588
- of *Spiza americana* in native warm-season grass field buffers, 298–309
- of *Sporophila melanogaster*, 173–176
- of the island-endemic *Vireo bairdi*, 743–749
- of *Tolmomyias sulphureus* in Atlantic Forest fragments, 547–557
- of *Troglodytes aedon chilensis* on Chiloé Island, southern Chile, 531–537
- of *Turdus amaurochalinus*, 133–138
- prolonged incubation and early clutch reduction of *Ciconia ciconia*, 362–366
- re-nesting after brood loss by *Tympanuchus cupido*, 185–187
- simultaneous multiple nests of *Stellula calliope* and *Selasphorus rufus*, 640–643
- unusually synchronous double brooding attempt by *Colaptes auratus*, 389–392
- visual assessment of interbreeding by *Aechmophorus*, 713–720
- Brooks, Daniel M., Birds caught in spider webs: a synthesis of patterns, 345–353
- Brooks, Daniel M., see Setina, Víctor, Diego J. Lizcano, ———, and Luís Fábio Silveira
- Brown, Mary Bomberger, Editorial News, 643
- Bubo virginianus*, 627–628, 786
- Bubulcus ibis*, 237, 570
- Budgerigar, see *Melopsittacus undulatus*
- Bullfinch, Greater Antillean, see *Loxigilla violacea*
- Lesser Antillean, see *Loxigilla noctis*
- Bunting, Indigo, see *Passerina cyanea*
- Lark, see *Calamospiza melanocorys*
- Snow, see *Plectrophenax nivalis*
- Burger Jr., L. Wes, see Mitchell, Kristina L., Samuel K. Riffell, ———, and Francisco J. Vilella
- burrfish, see *Chilomycterus* sp.
- Bushtit, see *Psaltriparus minimus*
- Butcherbird, Hooded, see *Cracticus cassicus*
- Buteo albicaudatus*, 636–640
- jamaicensis*, 416, 627–628, 758–766, 783, 786, 818–820
- jamaicensis jamaicensis*, 758
- lineatus*, 764, 783–787
- magnirostris*, 93, 570, 768
- platypterus* [*platypterus*, 624], 631, 783
- platypterus brunescens*, 758, 763
- solitarius*, 669, 761
- swainsoni*, 636–640
- Buteogallus anthracinus*, 563, 570
- meridionalis*, 636–640
- urubitinga*, 636–640
- Buthraupis eximia*, 572–580
- montana*, 572–580
- wetmorei*, 572–580
- Buzzard, Paul, see Liu, Qiang, Feng-Shan Li, ———, Fa-Wen Qian, Fan Zhang, Jian-Lin Zhao, Jun-Xing Yang, and Xiao-Jun Yang
- Buzzetti, Dante, see d’Horta, Fernando Mendonça, Guy M. Kirwan, and ———
- C**
- Cacicus chrysonotus*, 572–580
- sclateri*, 23
- Caecilius antillanus*, 153
- Cain III, James W., see Smith, Kathryn N., ———, Michael L. Morrison, and R. Neal Wilkins
- Calamospiza melanocorys*, 261
- Calcarius pictus*, 261, 396
- Calidris alba*, 42–43, 45–46, 367
- canutus*, 42–43, 45–46, 48
- fuscicollis*, 42–43, 45–46, 48
- pusilla*, 42–43, 47
- spp., 414
- Callipepla squamata*, 27
- Calocitta formosa*, 613
- Calomys laucha*, 591
- musculus*, 591
- spp., 591–592
- Calonectris diomedea*, 68–69
- Calothorax lucifer*, 641
- Calypte anna*, 110, 347, 413, 641
- costae*, 347, 641
- Camp, Richard J., see Judge, Seth W., Jacqueline M. Gaudioso, P. Marcos Gorresen, and ———
- Campephilus principalis*, 728
- Camptostoma imberbe*, 413
- Campylopterus curvipennis*, 111
- ensipennis*, 111
- excellens*, 111
- hemileucurus*, 111
- largipennis*, 111
- rufus*, 106, 111
- spp., 106
- villaviscensio*, 22
- Campylorhynchus zonatus*, 571

- Canastero, Cipo, see *Asthenes luizae*
Canis familiaris, 478, 484, 743
 capuchin, tufted, see *Cebus appela*
 Caracara [Carcara], Chimango, see *Milvago chimango*
 Northern Crested, see *Caracara cheriway*
 Southern Crested, see *Caracara plancus*
 Yellow-headed, see *Milvago chimachima*
Caracara cheriway, 407, 570
 plancus, 636–640, 768
Caranx hippos, 70
 sp., 70
Cardellina canadensis, 217–229, 571
 pusilla, 217–229, 374, 571
 Cardinal, Northern, see *Cardinalis cardinalis*
 Red-crested, see *Paroaria coronata*
Cardinalis cardinalis, 33, 632, 808–811
 Carib, Green-throated, see *Eulampis holosericeus*
 Purple-throated, see *Eulampis jugularis*
Carpodacus mexicanus, 349, 413, 632, 779
 purpureus, 217–229
 Carrión-Tacuri, Jorge, Regina Berjano, Giovanni Guerrero,
 Enrique Figueroa, Alan Tye, and Jesús M. Castillo,
 Predation on seeds of invasive *Lantana camara* by
 Darwin's finches in the Galapagos Islands, 338–344
 Cassey, Phillip, see Baylis, Shane M., ———, and Mark E.
 Hauber
 Cassin's Auklet, see *Ptychoramphus aleuticus*
 Castillo, Jesús M., see Carrión-Tacuri, Jorge, Regina
 Berjano, Giovanni Guerrero, Enrique Figueroa,
 Alan Tye, and ———
 cat, domestic, see *Felis catus*
 Catbird, Black, see *Melanoptila glabrirostris*
 Gray, see *Dumetella carolinensis*
Cathartes aura, 570, 636–640, 758
Catharus bicknelli, 396–399
 fuscescens, 13, 217–229, 265–269, 396–399, 702
 guttatus, 375–379
 ustulatus, 12, 217–229, 345, 348, 350, 369
 Cava, Jenna A., Andrew C. Stewart, and Robert N.
 Rosenfield, Introduced species dominate the diet
 of breeding urban Cooper's Hawks in British
 Columbia, 775–782
Cavia aperea, 591–592
Cebus appela, 91
Celeus spectabilis spectabilis, 22
Centrocercus urophasianus, 96
Cephus grylle, 247
Certhia americana, 177–179, 217–229
 americana extima, 177
Chaetura brachyura, 807
 cinereiventris, 807
 meridionalis, 807
 pelagica, 802–807
 spp., 156
 vauxi, 806
 Chaffinch, Common, see *Fringilla coelebs*
Chalcomitra amethystina, 348
 Chalfoun, Anna D., see Kramer, Gunnar R. and ———
Chaoborus crystallinus, 159
Charadrius collaris, 42–44, 47
 falklandicus, 489, 494
 melodus, 525
 modestus, 42–43, 47
 montanus, 390
 semipalmatus, 42–44, 46–47
 thoracicus, 487
 vociferous, 27–28
 wilsonia, 494
 Chartier, Allen T., review, The Crossley ID guide: eastern
 birds, by Richard Crossley, 422–426
 Chat, Yellow-breasted, see *Icteria virens*
 Chiarello, A. G., see Srbek-Araujo, Ana Carolina, Luís
 Fábio Silveira, and ———
 Chickadee, Black-capped, see *Poecile atricapillus*
 Boreal, see *Poecile hudsonicus*
 Carolina, see *Poecile carolinensis*
 Chestnut-backed, see *Poecile rufescens*
 Chicken, Domestic, see *Gallus gallus domesticus* [*Gallus gallus*]
Chilomycterus sp., 70
 chipmunk, Eastern, see *Tamias striatus*
Chlidonias niger, 69, 71
Chloridops kona, 680
 spp., 667
Chlorochrysa calliparaea [*calliparea*], 380–384
 nitidissima, 380
 phoenicotis, 380, 383
Chlorodrepanis spp., 655
Chlorophonia pyrrhophrys, 572–580
Chlorostilbon spp., 106
Choloepus spp., 295
Chondestes grammacus, 24–30
Chondrohierax uncinatus, 636–640
Chordeiles minor, 27–28, 113–118, 793–797
Chroicocephalus philidelphia, 69
 ridibundus, 607
Ciconia ciconia, 354–366
 maguari, 636–637
Cinclus cinclus, 685
 mexicanus, 682, 685
Cinnyris dussumieri, 348
Circus buffoni, 636–640
 spp., 670
Ciridops anna, 651–674 (Frontispiece), 680
 tenax, 655–656, 660, 669
Cissopsis spp., 380
Cistothorus palustris, 188–190
 platensis, 571
Clethrionomys gapperi, 203
 climate change
 affect on protandry in seven passerines in North
 America, 208–216
 Megascops asio responses to suburban sprawl, warmer
 climate, and additional avian food in central
 Texas, 630–633
Cnemoscopus rubrirostris, 572–580
 coati [coatimundi], South American, see *Nasua nasua*
 white-nosed, see *Nasua narica*
Coccyzus americanus, 33, 570
Coereba flaveola, 84
Colaptes auratus, 217–229, 389–392, 779
 rivolii, 572–580
 rubiginosus, 570

- Colinus virginianus*, 27–28, 186, 299, 364
 Collins, Charles T. and Betsy Trent Thomas, Food habits of two Fork-tailed Swifts in Venezuela, 152–157
Collocalia esculenta, 153
Columba livia, 391, 570, 593, 759, 779
Columbina inca, 570
 minuta, 570
 picui, 593
 talpacoti, 570, 770
 Conebill, Blue-backed, see *Conirostrum sitticolor*
Conirostrum sitticolor, 572–580
 conservation status
 historical and current status of *Leucophaeus atricilla* breeding in New York State, 525–530
Contopus cinereus, 570
 fumigatus, 172
 nigrescens nigrescens, 23
 virens, 217–229
Conuropsis carolinensis, 728
Coracias spp., 336
Coragyps atratus, 570, 636–640
 Cormorant, Double-crested, see *Phalacrocorax auritus*
 Great, see *Phalacrocorax carbo*
 Neotropic, see *Phalacrocorax brasilianus*
 Corrêa, Leandro, see Reinert, Bianca L., Ricardo Belmonte-Lopes, Marcos R. Bornschein, Daiane D. Sobotka, ———, Marco R. Pie, and Marco A. Pizo
Corvus brachyrhynchos, 819
 caurinus, 779
 corax, 406
 corone, 514–515
 hawaiiensis, 680
 macrorhynchos, 514
 ruficollis, 406
 splendens, 406–408
 spp., 190
Coryphaspiza melanotis, 60
 cottontail, Eastern, see *Sylvilagus floridanus*
Coturnix japonica, 189
 Courter, Jason R. and Gary Ritchison, Asymmetries in mobbing behavior among nuclear flockmates, 626–629
 Cowbird, Bronzed, see *Molothrus aeneus*
 Brown-headed, see *Molothrus ater*
 Shiny, see *Molothrus bonariensis*
Cracticus cassicus, 351
 Crane, Black-necked, see *Grus nigricollis*
 Red-crowned, see *Grus japonensis*
 White-naped, see *Grus vipio*
Cranioleuca erythrops, 812–815
 Crary, Andrea L., see Junda, James H., ———, and Peter Pyle
Crax alector, 325–326
 blumenbachii, 321–327
 daubentoni, 326
 fasciolata, 325–326
 globulosa, 326
 rubra, 294, 326
 rubra rubra, 326
 Creeper, Brown, see *Certhia americana*
 Crombec, Red-faced, see *Sylvietta whytii*
 Crossbill, Red, see *Loxia curvirostra*
 Croston, Rebecca, Christopher M. Tonra, Sacha K. Heath, and Mark E. Hauber, Flange color differences of brood parasitic Brown-headed Cowbirds from nests of two host species, 139–145
Crotophaga ani, 342
 sulcirostris, 570
 Crow, American, see *Corvus brachyrhynchos*
 Carrion, see *Corvus corone*
 House, see *Corvus splendens*
 Large-billed, see *Corvus macrorhynchos*
 Northwestern, see *Corvus caurinus*
Cryptonanus chacoensis, 592
Crypturellus casiquiare, 22
 duidae, 22
 Cuckoo, Common, see *Cuculus canorus*
 Guira, see *Guira guira*
 Yellow-billed, see *Coccyzus americanus*
Cuculus canorus, 142–143, 513–514
 Cuervo, Andrés M., see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño, Santiago David, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and ———
 Cueto, Gerardo, see Teta, Pablo, Carina Herculini, and ———
 Curassow, Great, see *Crax rubra*
 Helmeted, see *Pauxi pauxi*
 Red-billed, see *Crax blumenbachii*
 Currie, Dave, see Ewert, David N., Kimberly R. Hall, Joseph M. Wunderle Jr., ———, Sarah M. Rockwell, Scott B. Johnson, and Jennifer D. White
 Curry, Robert L., see LaPergola, Joshua B., Jesús Gustavo Marina Hipolito, Juan E. Martínez-Gómez, and ———
Cyanistes caeruleus, 162–165, 265, 387
Cyanocitta cristata, 217–229
Cyanocorax beecheii, 93
 caeruleus, 93–94
 chrysops, 87–95
 cristatellus, 93
 dickeyi, 93–94
 heilprini [*heilprini*, 18], 23
 yncas, 93, 171
 yucatanicus, 571
Cyanoliseus patagonus, 586
Cyanolyca armillata, 572–580
Cyanomitra olivacea, 348
Cynanthus latirostris, 641
Cyphorhinus arada salvin, 23
Cypseloides niger borealis, 1–8 (Frontispiece), 797–802
 niger costaricensis, 1–2
Cypsiurus parvus, 153

D

- D'Angelo, Giulia B., see Sazima, Ivan and ———
 d'Horta, Fernando Mendonça, Guy M. Kirwan, and Dante Buzzetti, Gaudy juvenile plumages of Cinereous Mourner (*Laniocera hypopyrra*) and Brazilian Laniisoma (*Laniisoma elegans*), 429–435
 Daigre, Maximiliano, Paulina Arce, and Alejandro Simeone, Fledgling Peruvian Pelicans (*Pelecanus thagus*)

- attack and consume younger unrelated conspecifics, 603–607
- Da Silva, José M. C., see Borges, Sérgio H. and ———
- Davanço, Paulo V., Lívia M. S. Souza, Leonardo S. de Oliveira, and Mercival R. Francisco, Intraspecific brood parasitism of the Pale-breasted Thrush (*Turdus leucomelas*), 611–614
- David, Santiago, see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño, ———, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo
- Davis Jr., William E., review A field guide to the birds of New Zealand, by Julian Fitter and Don Merton, 647–648
- Davis Jr., William E., review, The complete guide to finding the birds of Australia, by Richard Thomas, Sarah Thomas, David Andrew, and Alan McBride, 195
- Decapterus* sp., 70
- deer, see *Odocoileus* spp.
- Delichon urbicum*, 791
- Delord, Karine, see Lormée, Herve, ———, Bruno Letournel, and Christophe Barbraud
- Deltamys kempi*, 592
- Dendrobaena octaedra*, 376
- Dendrocopos* spp., 336
- Dendrocycyna autumnalis*, 183–185
spp., 240
- de Oliveira, Leonardo S., see Davanço, Paulo V., Lívia M. S. Souza, ———, and Mercival R. Francisco
- Deutschlander, Mark E., John B. Phillips, and Ursula Munro, Age-dependent orientation to magnetically-simulated geographic displacements in migratory Australian Silveryeyes (*Zosterops l. lateralis*), 467–477
- Dickcissel, see *Spiza americana*
- Dicrurus adsimilis*, 348
- Didelphis albiventris*, 507, 591–592
marsupialis, 294, 296
spp., 93
- diet
- food habits of *Tachormis squamata* in Venezuela, 152–157
 - introduced species dominate the diet of breeding urban *Accipiter cooperii* in British Columbia, 775–782
 - items of *Harpia harpyja* in Belize, 292–297
 - nestling diet of *Sturnella magna* in east-central Illinois, 399–402
 - of *Spiza americana* nestlings in native warm-season grass field buffers, 298–309
 - of western North Atlantic seabirds foraging over *Sargassum*, 66–72
 - predation on seeds of invasive *Lantana camara* by Darwin's finches in the Galapagos Islands, 338–344
 - variation in the diet of *Tyto alba* along an urban-rural gradient, 589–596
- Diglossa albilatera*, 572–580
cyanea, 572–580
lafresnayii, 572–580
spp., 177
- Dipper, American, see *Cinclus mexicanus*
White-throated, see *Cinclus cinclus*
- dispersal
- movement and cover-type selection by fledgling *Seiurus aurocapilla*, 620–625
- distribution
- a new location for *Hylomanes momotula* in Costa Rica, 815–817
 - first record of a *Harpia harpyja* nest in Belize, 292–297
 - historical and current status of *Leucophaeus atricilla* breeding in New York State, 525–530
 - history, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
 - migration routes and breeding areas of *Grus nigricollis*, 704–712
 - winter songs reveal geographic origin of migratory seedeaters (*Sporophila* spp.) in southern neotropical grasslands, 688–697
 - wintering area of *Cypseloides niger borealis*, 1–8
- Diuca* spp., 380
- Dives dives*, 562, 564, 571
- Dixiphia pipra discolor*, 23
- dog, feral, see *Canis familiaris*
- Dolospingus fringilloides*, 23
- dos Anjos, Luiz, see Boesing, Andrea Larissa, William Menq, and ———
- dos Anjos, Luiz, see Uejima, Angelica Maria Kazue, Andrea Larissa Boesing, and ———
- Dove, Laughing, see *Streptopelia senegalensis*
- Mourning, see *Zenaida macroura*
- Ruddy Ground, see *Columbina talpacoti*
- White-winged, see *Zenaida asiatica*
- Drepanis pacifica*, 659
sensu lato, 655
spp., 655, 661
- driftfish, see *Psenes* sp.
- Drongo, Fork-tailed, see *Dicrurus adsimilis*
- Drosophila* spp., 667
- Dryocopus lineatus*, 178–179, 570
- Dubusia taeniata*, 572–580
- Duck, American Black, see *Anas rubripes*
Whistling, see *Dendrocycyna* spp.
Wood, see *Aix sponsa*
- Dumetella carolinensis*, 33, 267–268, 571, 702
- Dykstra, Cheryl R., Jeffrey L. Hays, Melinda M. Simon, and Ann R. Wegman, *Protocalliphora* (Diptera: Calliphoridae) infestations of nestling Red-shouldered Hawks in southern Ohio, 783–787
- ## E
- Eagle, Bald, see *Haliaeetus [Haliaeetus] leucocephalus*
Harpy, see *Harpia harpyja*
- earthworm, European, see *Lumbricus* spp.
- Eclectus roratus*, 393
- ecology
- aromatic plants in *Cyanistes caeruleus* nests: the 'Nest Protection Hypothesis' revisited, 162–165
 - arthropod abundance and bird use of bottomland forest gaps, 31–39
 - brood sex ratio of *Amazona finschi*, 393–396

- composition of mixed-species bird flocks in Alto Quindío, Colombia, 572–580
- ecology and habitat selection of *Pluvianellus socialis*, 487–496
- environmental factors affecting nest-site selection and breeding success of *Ciconia ciconia* in Western Turkey, 354–361
- grassland bird community response to wildfire, 24–30
- history, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
- landscape-level forest cover is a predictor of *Setophaga cerulea* abundance, 721–727
- mating and breeding success decline with elevation for *Troglodytes pacificus* in coastal mountain forests, 270–276
- Megascops asio* responses to suburban sprawl, warmer climate, and additional avian food in central Texas, 630–633
- nesting density of *Catharus guttatus* in a remnant invasive earthworm-free portion of a Wisconsin hardwood forest, 375–379
- post-fledging ecology of *Glaucidium gnoma* in the Rocky Mountains, 199–207
- predation on seeds of invasive *Lantana camara* by Darwin's finches in the Galapagos Islands, 338–344
- sexual selection and mating chronology of *Tympanuchus pallidicinctus*, 96–105
- species, functional groups, and habitat preferences of birds in five agroforestry classes in Tabasco, Mexico, 558–571
- temporal and spatial patterns in abundance of *Glyphorhynchus spirurus* in lowland Ecuador, 436–445
- variation in the diet of *Tyto alba* along an urban-rural gradient, 589–596
- winter microhabitat foraging preferences of sympatric *Poecile hudsonicus* and *P. atricapillus* in Michigan's Upper Peninsula, 820–824
- Zosterops lateralis* song differentiation in an island-mainland comparison, 454–466
- editorial, 848
- editorial news, 427, 643
- Edwards, Ernest P., Award, 1970–2011, 877
- eggs
- description for *Anthus lutescens*, 119–126
 - description for *Chlorochrysa calliparaea* [*calliparaea*], 380–384
 - description for *Cyanocorax chrysops*, 87–95
 - description for *Hypopyrrhus pyrohypogaster* of the Colombian Andes, 538–546
 - description for *Myiotheretes fumigatus* from Ecuador, 169–173
 - description for *Poospiza cinerea* in southeastern Brazil, 166–169
 - description for *Sporophila melanogaster*, 173–176
 - description for *Stymphalornis acutirostris*, 286–291
- first description of the nest and eggs of the island-endemic *Vireo bairdi*, 743–749
- measurements for *Troglodytes aedon chilensis* on Chiloé Island, southern Chile, 531–537
- Egret, Western Cattle, see *Bubulcus ibis*
- Egretta caerulea*, 570
- thula*, 570
- Elaenia, White-crested, see *Elaenia albiceps*
- Elaenia albiceps*, 633
- chiriguensis albivertex*, 554
 - cristata*, 554
- Elanoides forficatus*, 768
- Elanus leucurus*, 570
- Elaphe bairdi*, 281
- climacophora*, 514
 - obsoleta*, 732–733
- Ellis-Felege, Susan N., review, Trophic interactions: predators, prey and the changing dynamics of nature, edited by John Terborgh and James A. Estes, 646–647
- Emberiza ciris*, 655
- Emberizoides herbicola*, 60
- Embernagra longicauda*, 57–65
- Emerald, White-bellied, see *Amazilia candida*
- Empidonax albigularis*, 570
- alnorum*, 217–229
 - flaviventris*, 217–229, 347, 570
 - minimus*, 217–229, 268, 570
 - oberholseri*, 554
 - traillii*, 217–229, 570
 - virescens*, 347
- endemism
- new area for Amazonian birds in the Rio Negro Basin, 15–23
- Enderson, James H., Robert J. Oakleaf, Ralph R. Rogers, and Jay S. Sumner, Nesting performance of Peregrine Falcons in Colorado, Montana, and Wyoming, 2005–2009, 127–132
- Endo, Sachiko, Nest-site characteristics affect probability of nest predation of Bull-headed Shrikes, 513–517
- Eremophila alpestris*, 24–30, 413
- alpestris articola*, 274–275
- Eriophora biapicata*, 347, 350
- spp., 351
- Eriothacus rubecula*, 364
- ermine, see *Mustela erminea*
- Escalante, Patricia, see Pease, Shannon M., Alejandro Salinas-Melgoza, Katherine Renton, ———, and Timothy F. Wright
- Estades, Cristián F., see Quilodrán, Claudio, S., Rodrigo A. Vásquez, and ———
- Estrada-F, M. Camila, see Ocampo, David, ———, Jenny M. Muñoz, Laura V. Londoño, Santiago David, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo
- Eudocimus albus*, 606
- Eugenia* sp., 744
- Eulampis holosericeus*, 84
- jugularis*, 81–86
- Eumops bonariensis*, 592
- Eupetomena macroura*, 106, 111
- Euphagus carolinus*, 698–703
- Euphonia hirundinacea*, 571
- laniirostris*, 812–815
- Euphonias, Thick-billed, see *Euphonia laniirostris*

- Evans, William C., see Bond, Alexander, ———, and Ian L. Jones
- Ewert, David N., Kimberly R. Hall, Joseph M. Wunderle Jr., Dave Currie, Sarah M. Rockwell, Scott B. Johnson, and Jennifer D. White, Duration and rate of spring migration of Kirkland's Warblers, 9–14
- Excalfactoria chinensis*, 519
- F**
- Fairywren, Red-backed, see *Malurus melanocephalus*
- Superb, see *Malurus cyaneus*
- Falco columbarius*, 416
- mexicanus*, 783
- peregrinus*, [*perigrinus*, 127] 127–132, 148
- sparverius*, 753, 758, 791
- spp., 336
- tinnunculus*, 395
- Falcon, Peregrine, see *Falco peregrinus*
- Prairie, see *Falco mexicanus*
- Slaty-backed Forest, see *Micrastur mirandollei*
- Fantail, Rufous, see *Rhipidura rufifrons*
- Felis catus*, 385, 478, 514, 610, 675, 679, 743
- Ferrer-Paris, José Rafael, see Rodríguez, Gustavo A., Jon Paul Rodríguez, ———, and Ada Sánchez-Mercado
- Ficedula albicollis*, 387
- hypoleuca*, 387, 467, 613
- Figueroa, Enrique, see Carrión-Tacuri, Jorge, Regina Berjano, Giovanni Guerrero, ———, Alan Tye, and Jesús M. Castillo
- filefish, see *Aluterus* sp., *Monacanthus* sp.
- fringed, see *Monacanthus ciliatus*
- planehead, see *Stephanolepis hispidus*
- Finch, Black-capped Warbling, see *Poospiza melanoleuca*
- Black-masked, see *Coryphasiza melanotis*
- Cinereous Warbling, see *Poospiza cinerea*
- House, see *Carpodacus mexicanus*
- Large Ground, see *Geospiza magnirostris*
- Medium Ground, see *Geospiza fortis*
- Plain-tailed Warbling, see *Poospiza alticola*
- Purple, see *Carpodacus purpureus*
- Ringed Warbling, see *Poospiza torquata*
- Rusty-browed Warbling, see *Poospiza erythrophrys*
- Serra, see *Embernagra longicauda*
- Slaty Brush, see *Atlapetes schistaceus*
- Wedge-tailed Grass, see *Emberizoides herbicola*
- Zebra, see *Taeniopygia guttata*
- Firefinch, Jameson's, see *Lagonosticta rhodopareia*
- Red-billed, see *Lagonosticta senegala*
- Fitzgerald, Jane A., see Thompson III, Frank R., Mark B. Robbins, and ———
- Flatbill, Yellow-olive, see *Tolmomyias sulphurescens*
- Flicker, Northern, see *Colaptes auratus*
- Flowerpiercer, Masked, see *Diglossa cyanea*
- Flycatcher, Acadian, see *Empidonax virescens*
- Alder, see *Empidonax alnorum*
- Ash-throated, see *Myiarchus cinerascens*
- Chapada, see *Suiriri islerorum*
- Cinnamon, see *Pyrrhomyias cinnamomeus*
- Cliff, see *Hirundinea ferruginea*
- Collared, see *Ficedula albicollis*
- European Pied, see *Ficedula hypoleuca*
- Least, see *Empidonax minimus*
- Pale-edged, see *Myiarchus cephalotes*
- Scissor-tailed, see *Tyrannus forficatus*
- Spotted, see *Muscicapa striata*
- Suiriri, see *Suiriri suiriri*
- Vermilion, see *Pyrocephalus rubinus*
- Willow, see *Empidonax traillii*
- Yellow-bellied, see *Empidonax flaviventris*
- Foliage-gleaner, Henna-capped, see *Hylocryptus rectirostris*
- Fontana, Carla Suertergaray, see Rovedder, Cristiano Eidt and ———
- Forbes, Scott, see Gries, Leanne A. and ———
- fox, arctic, see *Alopex lagopus*
- gray, see *Urocyon cinereoargenteus*
- Fox, James W., see Beason, Jason P., Carolyn Gunn, Kim M. Potter, Robert A. Sparks, and ———
- Fox, James W., see Johnson, James A., Steven M. Matsuoka, David F. Tessler, Russell Greenberg, and ———
- Francisco, Mercival R., see Davanço, Paulo V., Livia M. S. Souza, Leonardo S. de Oliveira, and ———
- Francisco, Mercival R., see Freitas, Maikon S. and ———
- Fratercula arctica*, 246, 250–251
- Freeman-Gallant, Corey R., see Taff, Conor C., Katherine A. Littrell, and ———
- Fregata minor*, 600
- Freitas, Guilherme H. S. and Marcos Rodrigues, Territory distribution and habitat selection of the Serra Finch (*Embernagra longicauda*) in Serra do Cipó, Brazil, 57–65
- Freitas, Maikon S. and Mercival R. Francisco, Reproductive life history traits of the Yellowish Pipit (*Anthus lutescens*), 119–126
- Frigatebird Great, see *Fregata minor*
- Fringilla ama*, 653–656
- coelebs*, 265
- spp., 653–655
- Frye, Graham G. and Harry R. Jageman, Post-fledging ecology of Northern Pygmy-Owls in the Rocky Mountains, 199–207
- Fulmar, Northern, see *Fulmarus glacialis*
- Fulmarus glacialis*, 69, 416
- Funes, Carlos, Oscar Bolaños, and Oliver Komar, Breeding of the Brown Creeper (*Certhia americana*) in Central America, 177–179
- Furnarius rufus*, 593
- G**
- Galbalcyrrhynchus leucotis*, 22
- Galbula chalcothorax*, 22
- pastazae*, 22
- tombacea tombacea*, 22
- Galictis cuja*, 507
- Gallus gallus domesticus* [*Gallus gallus*, 294, 521]
- Gannet, Northern, see *Morus bassanus*
- Gantchoff, Mariela G., see Segura, Luciano N., Diego A. Masson, and ———
- Garcia, William, see Rotenberg, James A., Jacob A. Marlin, Liberato Pop, and ———
- Garizábal, Jaime A., see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño,

- Santiago David, Giovanni Valencia, Paula A. Morales, ———, and Andrés M. Cuervo
- Gaudioso, Jacqueline M., see Judge, Seth W., ———, P. Marcos Gorresen, and Richard J. Camp
- Gavia immer*, 73–80
- Gayk, Zach G. and Alec R. Lindsay, Winter microhabitat foraging preferences of sympatric Boreal and Black-capped chickadees in Michigan's Upper Peninsula, 820–824
- Gehlbach, Frederick R., Eastern Screech-Owl responses to suburban sprawl, warmer climate, and additional avian food in central Texas, 630–633
- Gelochelidon nilotica*, 68
- Geococcyx californianus*, 283
- Geospiza fortis*, 338–344
- magnirostris*, 338–344
- spp., 139
- Geothlypis formosa*, 33
- philadelphia* [*philadelphia*, 229], 208–216
- trichas*, 33, 208–216, 267, 349, 370–374, 571
- Geotrygon costaricensis*, 815
- Gerwin, John A., see Bishop, Jennifer Thompson, ———, and Richard A. Lancia
- glasseye, see *Heteropriacanthus cruentatus*
- Glaucidium brasilianum*, 200, 204–205, 239, 570
- gnoma*, 199–207 (Frontispiece), 628
- griseiceps*, 815
- nana*, 633–635
- passerinum*, 204–205
- Glyphorynchus spirurus*, 436–445
- Gnatcatcher, Blue-gray, see *Polioptila caerulea*
- California, see *Polioptila californica*
- Godwit, Hudsonian, see *Limosa haemastica*
- Goldcrest, see *Regulus regulus*
- Golden-Plover (Golden Plover), American, see *Pluvialis dominica*
- Goldfinch, American, see *Spinus tristis*
- Lesser, see *Spinus psaltria*
- Goose, Canada, see *Branta canadensis*
- Giant Canada, see *Branta canadensis maxima*
- Hawaiian (Nēnē), see *Branta sandvicensis*
- Gorresen, P. Marcos, see Judge, Seth W., Jacqueline M. Gaudioso, ———, and Richard J. Camp
- Goshawk, Northern, see *Accipiter gentilis*
- Gosser, Allen L., see Washburn, Brian E., Martin S. Lowney, and ———
- Gow, Elizabeth A. and Karen L. Wiebe, An unusually synchronous double brooding attempt by a Northern Flicker pair, 389–392
- Gowda, Vinita, Ethan J. Temeles, and W. John Kress, Territorial fidelity to nectar sources by Purple-throated Caribs, *Eulampis jugularis*, 81–86
- Grackle, Common, see *Quiscalus quiscula*
- Great-tailed, see *Quiscalus mexicanus*
- Red-bellied, see *Hypopyrrhus pyrohypogaster*
- Velvet-fronted, see *Lamprosar tanagrinus*
- Grallaria dignissima* [*dignissima*, 23]
- Grallistrix* spp., 669
- Grassquit, Blue-black, see *Volatinia jacarina*
- Grebe, Black-necked, see *Podiceps nigricollis nigricollis*
- Clark's, see *Aechmophorus clarkii*
- Eared, see *Podiceps nigricollis*
- North American Eared, see *Podiceps nigricollis californicus*
- Pied-billed, see *Podilymbus podiceps*
- Red-necked, see *Podiceps grisegena*
- Silvery, see *Podiceps occipitalis*
- Western, see *Aechmophorus occidentalis*
- Greenberg, Russell, see Johnson, James A., Steven M. Matsuoka, David F. Tessler, ———, and James W. Fox
- Greeney, Harold F., see Stawarczyk, Tadeusz, Marta Borowiec, ———, and Jose T. Simbaña
- Greenlaw, Jon S. and William Post, Apparent forced mating and female control in Saltmarsh Sparrows, 253–264
- Grieves, Leanne A. and Scott Forbes, Do Sora nests protect Red-winged Blackbirds from Marsh Wren predation? 188–190
- Grisham, Blake A., see Behney, Adam C., ———, Clint W. Boal, Heather A. Whitlaw, and David A. Haukos
- grison, lesser, see *Galictis cuja*
- Grosbeak, Blue, see *Passerina caerulea*
- Kona, see *Chloridops kona*
- Rose-breasted, see *Pheucticus ludovicianus*
- Grouse, Chinese, see *Tetrastes sewerzowi*
- Red, see *Lagopus lagopus scoticus* [*scoticus*]
- Ruffed, see *Bonasa umbellus*
- Sharp-tailed, see *Tympanuchus phasianellus*
- Grus japonensis*, 709
- nigricollis*, 704–712
- spp., 335
- vipio*, 709
- Gül, Orhan, see Onmuş, Ortaç, Yildirm Ağaoğlu, and ———
- Guerrero, Giovanni, see Carrión-Tacuri, Jorge, Regina Berjano, ———, Enrique Figueroa, Alan Tye, and Jesús M. Castillo
- Guillemot, Black, see *Cephus grylle*
- Guineafowl, Helmeted, see *Numida meleagris*
- Guira guira*, 507, 509
- Gull, Audouin's, see *Ichthyoetus audouinii*
- Black-headed, see *Chroicocephalus ridibundus*
- Bonaparte's, see *Chroicocephalus philadelphia*
- Glaucous-winged, see *Larus glaucescens*
- Great Black-backed, see *Larus marinus*
- Herring, see *Larus argentatus*
- Kelp, see *Larus dominicanus*
- Laughing, see *Leucophaeus atricilla*
- Ring-billed, see *Larus delawarensis*
- Sabine's, see *Xema sabini*
- Gunn, Carolyn, Kim M. Potter, and Jason P. Beason, Nest microclimate at Northern Black Swift colonies in Colorado, New Mexico, and California: temperature and relative humidity, 797–802
- Gunn, Carolyn, see Beason, Jason P., ———, Kim M. Potter, Robert A. Sparks, and James W. Fox
- Gymnomystax mexicanus*, 544
- Gymnophrys leucaspis castaneus*, 23
- leucaspis lateralis*, 23

H

- habitat
- behavioral activities of male *Setophaga cerulea* in relation to habitat characteristics, 497–505
 - ecology and habitat selection of *Pluvianellus socialis*, 487–496
 - effect of habitat edges on nest survival of *Anthus spragueii*, 310–315
 - movement and cover-type selection by fledgling *Seiurus aurocapilla*, 620–625
 - of *Myadestes obscurus* in leeward woodland habitat and their distribution in alpine habitat on Hawai'i Island, 675–681
 - selection by *Lanius collurio* breeding in different landscapes, 51–56
 - selection of *Embernagra longicauda* in Serra do Cipó, Brazil, 57–65
- Haliaeetus* [*Haliaeetus*, 76] *leucocephalus*, 160, 407
- Hall, Kimberly R., see Ewert, David N., ———, Joseph M. Wunderle Jr., Dave Currie, Sarah M. Rockwell, Scott B. Johnson, and Jennifer D. White
- Halley, Matthew R. and Christopher M. Heckscher, Multiple male feeders at nests of the Veery, 396–399
- Hanula, James L., see Moorman, Christopher E., Liessa T. Bowen, John C. Kilgo, ———, Scott Horn, and Michael D. Ulyshen
- Harpagus diodon*, 636–640
- Harpia harpyja*, 292–297
- Harrier, Long-winged, see *Circus buffoni*
- Hauber, Mark E., see Baylis, Shane M., Phillip Cassey, and ———
- Hauber, Mark E., see Croston, Rebecca, Christopher M. Tonra, Sacha K. Heath, and ———
- Haukos, David A., see Behney, Adam C., Blake A. Grisham, Clint W. Boal, Heather A. Whitlaw, and ———
- Hawk, Bicolored, see *Accipiter bicolor*
- Broad-winged, see *Buteo platypterus*
 - Chilean, see *Accipiter chilensis*
 - Cooper's, see *Accipiter cooperii*
 - Great Black, see *Buteogallus urubitinga*
 - Grey-bellied, see *Accipiter poliogaster*
 - Gundlach's, see *Accipiter gundlachi*
 - Hawaiian, see *Buteo solitarius*
 - Red-shouldered, see *Buteo lineatus*
 - Red-tailed, see *Buteo jamaicensis*
 - Roadside, see *Buteo magnirostris*
 - Rufous-thighed, see *Accipiter erythronemius*
 - Savanna, see *Buteogallus meridionalis*
 - Sharp-shinned, see *Accipiter striatus*
 - Swainson's, see *Buteo swainsoni*
 - White-breasted, see *Accipiter chionogaster*
 - White-tailed, see *Buteo albicaudatus*
- Hawk-Eagle, Ornate, see *Spizaetus ornatus*
- Hawkins, Gerard L., Viewpoint, The 'first basic problem' revisited: a re-evaluation of Howell et al. (2003), 409–419
- Hawk-Owl, Brown, see *Ninox scutulata*
- Hays, Jeffrey L., see Dykstra, Cheryl R., ———, Melinda M. Simon, and Ann R. Wegman
- Heath, Sacha K., see Croston, Rebecca, Christopher M. Tonra, ———, and Mark E. Hauber
- Heckscher, Christopher M., see Halley, Matthew R. and ———
- Heliodoxa gularis*, 22
- Helmitheros vermivorum*, 33
- Hemignathus vorpalis*, 668
- Hemispingus, Black-headed, see *Hemispingus verticalis*
- Hemispingus atropileus*, 572–580
- superciliaris*, 572–580
 - verticalis*, 572–580
- Hemitriccus granadensis*, 572–580
- Hercolini, Carina, see Teta, Pablo, ———, and Gerardo Cueto
- Hermit, Little, see *Phaethornis longuemareus*
- Long-billed, see *Phaethornis longirostris*
 - Long-tailed, see *Phaethornis superciliosus*
- Hernández-Daumás, Salvador, see van der Wal, Hans, Beatriz Peña-Álvarez, Stefan L. Arriaga-Weiss, and ———
- Heron, Black-crowned Night- ———, see *Nycticorax nycticorax*
- Great Blue, see *Ardea herodias*
- Herpestes auropunctatus*, 478, 764
- Herpetotheres cachinnans*, 570
- Herpsilochmus dorsimaculatus*, 23
- dugandi*, 23
- Hess, Steven C., Christina R. Leopold, Kathleen Misajon, Darcy Hu, and John J. Jeffrey, Restoration of movement patterns of the Hawaiian Goose, 478–486
- Heterocercus aurantiivertex*, 23
- flavivertex*, 23
- Heteropriacanthus cruentatus*, 70
- Himatione sanguinea*, 483, 651–674
- Hipolito, Jesús Gustavo Marina, see LaPergola, Joshua B., ———, Juan E. Martínez-Gómez, and Robert L. Curry
- Hippocampus* sp., 68
- Hirundinea ferruginea*, 172
- Hirundo neoxena*, 348
- Hirundo rustica*, 27–28, 140, 213, 215, 348, 413, 571, 608–611, 636–637
- rustica erythrogaster*, 610
- history
- of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
- Hogle, Joel Lahman, see Belinsky, Kara Loeb, ———, and Kenneth A. Schmidt
- Hogna* spp., 399–402
- Holochilus brasiliensis*, 592
- home range
- female home-range size during the nestling period of *Junco hyemalis*, 614–620
 - movement patterns of *Branta sandvicensis*, 478–486
 - size for *Cyanocorax chrysops* in the Brazilian Atlantic Forest, 87–95
 - size of *Embernagra longicauda* in Serra do Cipó, Brazil, 57–65
 - spatial dynamics of *Buteo jamaicensis* in the Luquillo Mountains of Puerto Rico, 758–766
- Honeyeater, Grey-headed, see *Lichenostomus keartlandi* Lewins', see *Meliphaga lewinii*
- New Holland, see *Phylidonyris novaehollandiae*

- Hoopoe, Eurasian, see *Upupa epops*
- Hopey, Mark E., see Vogt, David F., ———, G. Rad Mayfield III, Eric C. Soehren, Laura M. Lewis, John A. Trent, and Scott A. Rush
- Horn, Scott, see Moorman, Christopher E., Liessa T. Bowen, John C. Kilgo, James L. Hanula, ———, and Michael D. Ulyshen
- Hu, Darcy, see Hess, Steven C., Christina R. Leopold, Kathleen Misajon, ———, and John J. Jeffrey
- Hubbard, Joanna K. and Audrey L. Tobin, Malicious motherhood: instance of infanticide by a female Barn Swallow, 608–611
- Hummingbird, Allen's, see *Selasphorus sasin*
Anna's, see *Calypte anna*
- Antillean Crested, see *Orthorhynchus cristatus*
- Black-chinned, see *Archilochus alexandri*
- Blue-throated, see *Lampornis clemenciae*
- Broad-billed, see *Cyananthus latirostris*
- Broad-tailed, see *Selasphorus platycercus*
- Calliope, see *Stellula calliope*
- Copper-rumped, see *Amazilia tobaci*
- Costa's, see *Calypte costae*
- Lucifer, see *Calothorax lucifer*
- Ruby-throated, see *Archilochus colubris*
- Rufous, see *Selasphorus rufus*
- Rufous-tailed, see *Amazilia tzacatl*
- Swallow-tailed, see *Eupetomena macroura*
- Vervain, see *Mellisuga minima*
- White-eared, see *Hylocharis leucotis*
- Hydrobates pelagicus*, 248
- Hydroprogne caspia*, 68
- Hylexetastes stresemanni insignis*, 22
[*Hylexetastes*] *stresemanni stresemanni*, 18
- Hylocharis cyanus*, 347
eliciae, 111
leucotis, 641
- Hylocichla mustelina*, 5, 12–13, 266–268, 571, 702
- Hylodyptes rectirostris*, 62
- Hylomanes momotula*, 815–817
- Hylopezus fulviventris fulviventris*, 23
- Hylophilus brunneiceps*, 23
hypoxanthus fuscicapillus, 23
- Hylophylax naevius obscurus*, 18
- Hypocnemis hypoxantha hypoxantha*, 23
- Hypopyrrhus pyrohypogaster*, 538–546
- I**
- Ibis, American White, see *Eudocimus albus*
Australian White, see *Threskiornis moluccus*
- Ichthyaetus audouinii*, 395
- Icteria virens*, 33, 217–229
- Icterus bullockii*, 28
dominicensis, 571
galbula, 208–229, 571
gularis, 571
spurius, 571
- Ictinia mississippiensis*, 631, 636–640
plumbea, 636, 768
- iguana, green, see *Iguana iguana*
- Iguana iguana*, 294
- liwi ('Iwi), see *Vestiaria coccinea*
- invasive species
biology of invasive *Myiopsitta monachus* in south Florida, 581–588
predation on seeds of invasive *Lantana camara* by Darwin's finches in the Galapagos Islands, 338–344
- Iodopleura fusca*, 432
isabellae, 432
pipra, 432
spp., 432, 434
- Ippi, Silvina, Rodrigo A. Vásquez, Juan Moreno, Santiago Merino, and Camila P. Villavicencio, Breeding biology of the Southern House Wren on Chiloé Island, southern Chile, 531–537
- Iridisornis rufivertex*, 572–580
- Ispidina picta*, 347
- Ixodes* spp., 786
- Ixoreus naevius*, 779
- J**
- jack, see *Caranx* sp.
crevalle, see *Caranx hippos*
- Jaeger, Long-tailed, see *Stercorarius longicaudus*
Parasitic, see *Stercorarius parasiticus*
Pomarine, see *Stercorarius pomarinus*
- Jageman, Harry R., see Frye, Graham G. and ———
- James, J. Dale, Jonathan E. Thompson, and Bart M. Ballard, Evidence of double brooding by Black-bellied Whistling-Ducks, 183–185
- Jay, Azure, see *Cyanocorax caeruleus*
Blue, see *Cyanocitta cristata*
Brown, see *Psilorhinus morio*
Curl-crested, see *Cyanocorax cristatellus*
Florida Scrub-, see *Aphelocoma coerulescens*
Inca, see *Cyanocorax yncas*
Plush-crested, see *Cyanocorax chrysops*
Purplish-backed, see *Cyanocorax beecheii*
Tufted, see *Cyanocorax dickeyi*
- Jeffrey, John J., see Hess, Steven C., Christina R. Leopold, Kathleen Misajon, Darcy Hu, and ———
- Johnson, James A., Steven M. Matsuoka, David F. Tessler, Russell Greenberg, and James W. Fox, Identifying migratory pathways used by Rusty Blackbirds breeding in southcentral Alaska, 698–703
- Johnson, Scott B., see Ewert, David N., Kimberly R. Hall, Joseph M. Wunderle Jr., Dave Currie, Sarah M. Rockwell, ———, and Jennifer D. White
- Jones, Ian L., see Bond, Alexander, William C. Evans, and ———
- Jones, Stephanie L. and Gary C. White, The effect of habitat edges on nest survival of Sprague's Pipits, 310–315
- Judge, Seth W., Jacqueline M. Gaudio, P. Marcos Gorresen, and Richard J. Camp, Reoccurrence of 'Ōma'o in leeward woodland habitat and their distribution in alpine habitat on Hawai'i Island, 675–681
- Juhant, Matias A., Raptor migration at Concepción, Bolivia, 636–640
- Junco, Dark-eyed, see *Junco hyemalis*

Junco hyemalis, 274–275, 369, 614–620

hyemalis carolinensis, 615

Junda, James H., Andrea L. Crary, and Peter Pyle, Two modes of primary replacement during prebasic molt of Rufous Fantails, *Rhipidura rufifrons*, 682–687

K

Kakapo, see *Strigops habroptila*

Kāma'o, see *Myadestes myadestinus*

katydid, greater arid-land, see *Neobarrettia spinosa*

Keacher, Kandy L., see Michael L. Avery, Eric A. Tillman, ———, John E. Arnett, and Kelli J. Lundy

Kestrel, American, see *Falco sparverius*

Common, see *Falco timunculus*

Ketterson, Ellen D., see Reichard, Dustin G. and ———

Kilgo, John C., see Moorman, Christopher E., Liessa T. Bowen, ———, James L. Hanula, Scott Horn, and Michael D. Ulyshen

Killdeer, see *Charadrius vociferous*

Kingbird, Eastern, see *Tyrannus tyrannus*

Tropical, see *Tyrannus melancholicus*

Kingfisher, African Pygmy, see *Ispidina picta*

Kinglet, Golden-crowned, see *Regulus satrapa*

Ruby-crowned, see *Regulus calendula*

kinkajou, see *Potos flavus*

Kirwan, Guy M., see d'Horta, Fernando Mendonça, ———, and Dante Buzzetti

Kite, Grey-headed, see *Leptodon cayanensis*

Hook-billed, see *Chondrohierax uncinatus*

Mississippi, see *Ictinia mississippiensis*

Plumbeous, see *Ictinia plumbea*

Rufous-thighed, see *Harpagus diodon*

Snail, see *Rostrhamus sociabilis*

Swallow-tailed, see *Elanoides forficatus*

Kittiwake, Black-legged, see *Rissa tridactyla*

Klais guimeti, 111

Klamm Service Award, 2007–2012, 878

Klamm Service Award, 2012: Doris J. Watt, 825–826

Knipolegus lophotes, 61

Knot, Red, see *Calidris canutus*

Koa-Finch, Greater, see *Rhodacanthis palmeri*

Lesser, see *Rhodacanthis flaviceps*

Komar, Oliver, see Funes, Carlos, Oscar Bolaños, and ———

Konter, André, Observations on *Zugunruhe* in spring migrating Eared Grebes, 158–161

Konter, André, Visual assessment of interbreeding by *Aechmophorus grebes*, 713–720

Kramer, Gunnar R. and Anna D. Chalfoun, Growth rate and relocation movements of Common Nighthawk (*Chordeiles minor*) nestlings in relation to age, 793–797

Kress, W. John, see Gowda, Vinita, Ethan J. Temeles, and ———

L

Lactophrys sp., 70

Lagonosticta rhodopareia, 349–350

senegala, 348

Lagopus lagopus scotica [*scoticus*, 186], 103

Lampornis clemenciae, 641

Lamprospars tanagrinus, 544

Lancia, Richard A., see Bishop, Jennifer Thompson, John A. Gerwin, and ———

Laniisoma, Brazilian, see *Laniisoma elegans*

Laniisoma elegans, 429–435

elegans buckleyi, 430

elegans elegans, 430–431

Laniocera hypopyrra, 429–435 (Frontispiece)

rufescens, 429, 434

Lanius bucephalus, 513–517

collurio, 51–56, 516

cristatus, 686

ludovicianus, 516

spp., 686

LaPergola, Joshua B., Jesús Gustavo Marina Hipolito, Juan E. Martínez-Gómez, and Robert L. Curry, First description of the nest and eggs of the island-endemic Cozumel Vireo, *Vireo bairdi*, 743–749

Lapwing, Southern, see *Vanellus chilensis*

Lark, Horned, see *Eremophila alpestris*

Larus argentatus, 67, 528

argentatus smithsonianus, 247, 250

delawarensis, 67

dominicanus, 146, 603–604

glaucescens, 148, 416

marinus, 67, 247

spp., 335

Latrotricus euleri, 552, 554

Latreutes fucorum, 68

Latrodectes sp., 348, 350

Lee, David S., see Moser, Mary L. and ———

Leite, Lemuel Olívio, see Anciães, Marina, Thaís Maya Aguilar, ———, Renata Dornelas Andrade, and Miguel Ângelo Marini

Leopold, Christina R., see Hess, Steven C., ———, Kathleen Misajon, Darcy Hu, and John J. Jeffrey

Lepidocolaptes affinis, 179

angustirostris, 507, 509

souleyetii, 179

Lepidotrrix coronata caqueta, 23

coronata coronata, 23

Leptasthenura aegithaloides, 633

Leptodon cayanensis, 768

Leptopogon amaurocephalus, 552, 554

Leptoptilos crumenifer, 358

Leptotila plumbeiceps, 570

verreauxi, 570

Lepus europaeus, 591–592

Letournel, Bruno, see Lormée, Herve, Karine Delord, ———, and Christophe Barbraud

Leucippus chlorocercus, 22

Leucophaeus atricilla, 69, 525–530

Leucosticte tephrocotis, 148

Lewis, Laura M., see Vogt, David F., Mark E. Hopey, G. Rad Mayfield III, Eric C. Soehren, ———, John A. Trent, and Scott A. Rush

Li, Feng-Shan, see Liu, Qiang, ———, Paul Buzzard, Fa-Wen Qian, Fan Zhang, Jian-Lin Zhao, Jun-Xing Yang, and Xiao-Jun Yang

Lichenostomus keartlandi, 347

life history

reproductive traits of *Anthus lutescens*, 119–126

wing deformities among *Sula dactylatra* at Clipperton

- Island: life history consequences and insight into etiology, 597–602
- Limnothlypis swainsonii*, 728–736
- Limosa haemastica*, 42–43, 47
- Lindsay, Alec R., see Gayk, Zach G. and ———
- Liolaemus* spp., 633
- Lishman, Carmen and Erica Nol, Ecology and habitat selection of the Magellanic Plover (*Pluvianellus socialis*): a little-known Patagonian shorebird, 487–496
- Litiopa melanostoma*, 68
- Littrell, Katherine A., see Taff, Conor C., ———, and Corey R. Freeman-Gallant
- Liu, Qiang, Feng-Shan Li, Paul Buzzard, Fa-Wen Qian, Fan Zhang, Jian-Lin Zhao, Jun-Xing Yang, and Xiao-Jun Yang, Migration routes and breeding areas of Black-necked Cranes, 704–712
- Livezey, Dale A., see Batchelder, Ned, Gigi Batchelder, ———, and Jeffrey S. Marks
- lizard, see *Liolaemus* spp.
- Lizcano, Diego J., see Setina, Víctor, ———, Daniel M. Brooks, and Luís Fábio Silveira
- Lloyd Evans, Trevor L., see Bauböck, Lisa, Abraham J. Miller-Rushing, Richard B. Primack, ———, and Fred E. Wasserman
- Locustella luscinioides*, 685–686
- Loiselle, Bette A., see Blake, John G., and ———
- Lonchura castaneothorax*, 349
- cucullata*, 260
- Londoño, Gustavo A., see Martínez, Manuel A. Sánchez and ———
- Londoño, Laura V., see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, ———, Santiago David, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo
- Longspur, Smith's, see *Calcarius pictus*
- Loon, Common, see *Gavia immer*
- Lophospingus* spp., 380
- Lormée, Herve, Karine Delord, Bruno Letournel, and Christophe Barbraud, Population survey of Leach's Storm-Petrels breeding at Grand Colombier Island, Saint-Pierre and Miquelon Archipelago, 245–252
- Loss, Scott R., Nesting density of Hermit Thrushes in a remnant invasive earthworm-free portion of a Wisconsin hardwood forest, 375–379
- Lowney, Martin S., see Washburn, Brian E., ———, and Allen L. Gosser
- Lowther, Peter E., Does nest-box size impact clutch size of House Sparrows? 384–389
- Loxia curvirostra*, 85
- Loxigilla noctis*, 84
- violacea*, 349
- Loxioides* spp., 667
- Loxops coccineus*, 666–668
- spp., 655, 660
- virens*, 667
- Luchesi, Natalia, see Astié, Andrea and ———
- Lumbricus* spp., 375–379
- Lundy, Kelli J., see Michael L. Avery, Eric A. Tillman, Kandy L. Keacher, John E. Arnett, and ———
- Luscinia luscinia*, 467
- megarhynchos*, 268, 451
- Lynx rufus*, 283

M

- Mager III, John N., Charles Walcott, and Walter H. Piper, Male Common Loons signal greater aggressive motivation by lengthening territorial yodels, 73–80
- Magpie, Black-billed, see *Pica hudsonia*
- Magpie-Jay, White-throated, see *Calocitta formosa*
- malaria, avian, see *Plasmodium relictum*
- Mallard, see *Anas platyrhynchos*
- Malurus cyaneus*, 347
- melanocephalus*, 347
- Mamo, Hawaii, see *Drepanis pacifica*
- management
- capsaicin as a deterrent against introduced mammalian nest predators, 518–524
- Mannikin, Bronze, see *Lonchura cucullata*
- Chestnut-breasted, see *Lonchura castaneothorax*
- Margarornis squamiger*, 572–580
- Marín-Gomez, Oscar H., see Arbeláez-Cortés, Enrique and ———
- Marini, Miguel Ângelo, see Anciação, Marina, Thaís Maya Aguilar, Lemuel Olívio Leite, Renata Dornelas Andrade, and ———
- Marks, Jeffrey S., review, Australian high country owls, by Jerry Olsen, 832–833
- Marks, Jeffrey S., see Batchelder, Ned, Gigi Batchelder, Dale A. Livezey, and ———
- Marlin, Jacob A., see Rotenberg, James A., ———, Liberato Pop, and William Garcia
- Marques-Santos, Fernando, see Wischhoff, Uschi, ———, and Marcos Rodrigues
- Martin, Common House, see *Delichon urbicum*
- Purple, see *Progne subis*
- Martin, Kathy, see Ogden, Lesley J. Evans, Michaela Martin, and ———
- Martin, Michaela, see Ogden, Lesley J. Evans, ———, and Kathy Martin
- Martínez, Manuel A. Sánchez and Gustavo A. Londoño, First nesting information for the Orange-eared Tanager (*Chlorochrysa calliparaea* [calliparaea]), 380–384
- Martínez-Gómez, Juan E., see LaPergola, Joshua B., Jesús Gustavo Marina Hipolito, ———, and Robert L. Curry
- Masson, Diego A., see Segura, Luciano N., ———, and Mariela G. Gantchoff
- Mastophora* sp., 347, 350
- Matsuoka, Steven M., see Johnson, James A., ———, David F. Tessler, Russell Greenberg, and James W. Fox
- Mayfield III, G. Rad, see Vogt, David F., Mark E. Hopey, ———, Eric C. Soehren, Laura M. Lewis, John A. Trent, and Scott A. Rush
- McDermott, Molly E., see Slager, David L., ———, and Amanda D. Rodewald
- McGovern, Patrick G., see Millican, David M., ———, and Mark T. Stanback

- McNew, Lance B. and William J. White, First case of renesting after brood loss by a Greater Prairie-Chicken, 185–187
- Meadowlark, Eastern, see *Sturnella magna*
Western, see *Sturnella neglecta*
- Mecocerculus leucophrys*, 572–580
stictopterus, 572–580
- meetings, annual of The Wilson Ornithological Society, 649
- Megaceryle torquata*, 570
- Megaptera novaeangliae*, 463
- Megarynchus pitangua*, 570
- Megascops asio*, 627–628, 630–633, 750–757
- Melamprosops phaeosoma*, 655, 661, 668
spp., 660
- Melanerpes aurifrons*, 178–179, 562, 564, 570
carolinus, 267
erythrocephalus, 390
formicivorus, 570
uropygialis, 390
- Melanoptila glabrirostris*, 743, 748
- Meleagris gallapavo*, 186
- Meliphaga lewinii*, 347
- Mellisuga minima*, 346–347, 350
- Melospiza undulatus*, 265
- Melospiza georgiana*, 217–229
lincolni, 217–229
melodia, 139–145, 180
- memoriam: Pershing Benard “Jack” Hofslund (1918–2012), 827–828
- Menq, Willian, see Boesing, Andrea Larissa, ———, and Luiz dos Anjos
- Mercocerculus stictopterus*, 572–580
- Merino, Santiago, see Ippi, Silvina, Rodrigo A. Vásquez, Juan Moreno, ———, and Camila P. Villavicencio
- Merlin, see *Falco columbarius*
- Mesocricetus auratus*, 592
- methods
for trapping *Chaetura pelagica* and other birds that nest in vertical hollows, 802–807
nation-wide standardized bird survey scheme for Venezuela, 230–244
survey of *Oceanodroma leucorhoa* breeding at Grand Colombier Island, Saint-Pierre and Miquelon Archipelago, 245–252
- Michael L. Avery, Eric A. Tillman, Kandy L. Keacher, John E. Arnett, and Kelli J. Lundy, Biology of invasive Monk Parakeets in south Florida, 581–588
- Micrastur mirandollei*, 767, 773
spp., 764, 815
- Microbates cinereiventris hormotus*, 23
- Microcerculus bambla albigularis*, 23
- Microtus arvalis*, 354
- midge, phantom, see *Chaoborus crystallinus*
- migration
age-dependent orientation to magnetically-simulated geographic displacements in migratory *Zosterops l. lateralis*, 467–477
climate change and protandry in seven passerines in North America, 208–216
duration and rate for *Setophaga kirtlandii*, 9–14
migrant songbird stopover ecology on two islands in the Gulf of Maine, 217–229
pathways used by *Euphagus carolinus* breeding in southcentral Alaska, 698–703
patterns and timing of *Cypseloides niger borealis*, 1–8
raptor migration at Concepción, Bolivia, 636–640
routes and breeding areas of *Grus nigricollis*, 704–712
stopover site fidelity by *Oreothlypis peregrina* at a southern Appalachian high-elevation site, 366–370
- Miller-Rushing, Abraham J., see Bauböck, Lisa, ———, Richard B. Primack, Trevor L. Lloyd Evans, and Fred E. Wasserman
- Millican, David M., Patrick G. McGovern, and Mark T. Stanback, Effects of conspecifics on feeder choice by Northern Cardinals, 808–811
- Milvago chimachima*, 93, 636–640, 768–769
chimango, 507, 509
- Mimus gilvus*, 237, 571
parvulus, 342
polyglottus, 786, 819
saturninus, 593
- Mionectes rufiventris*, 552, 554
- Misajon, Kathleen, see Hess, Steven C., Christina R. Leopold, ———, Darcy Hu, and John J. Jeffrey
- Mitchell, Kristina L, Samuel K. Riffell, L. Wes Burger Jr., and Francisco J. Vilella, Provisioning of nesting Dickcissels in native warm-season grass field buffers, 298–309
- Mitu salvini*, 22
tomentosum (tomentosa), 22, 325
tuberosa, 325
- Mniotilta varia*, 208–229, 571
- Mockingbird, Galapagos, see *Mimus parvulus*
Northern, see *Mimus polyglottus*
Tropical, see *Mimus gilvus*
- Mohoua albicilla*, 665
ochrocephala, 651, 665
spp., 665
- Molossus molossus*, 592
- Molothrus aeneus*, 281
ater, 27–28, 139–145, 179–183, 189, 277–285, 723, 728–736, 748, 791
bonariensis, 133–134, 139, 166–169, 748
- Momotus momota*, 570
- Monacanthus ciliatus*, 70
sp., 68, 70
- mongoose, Indian, see *Herpestes auropunctatus*
- monkey, Central American spider, see *Ateles geoffroyi*
Yucatan black howler, see *Alouatta pigra*
- Moorman, Christopher E., Liessa T. Bowen, John C. Kilgo, James L. Hanula, Scott Horn, and Michael D. Ulyshen, Arthropod abundance and seasonal bird use of bottomland forest harvest gaps, 31–39
- Morales, Paula A., see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño, Santiago David, Giovanni Valencia, ———, Jaime A. Garizábal, and Andrés M. Cuervo
- Morelli, Federico, Plasticity of habitat selection by Red-backed Shrikes (*Lanius collurio*) breeding in different landscapes, 51–56

- Moreno, Juan, see Ippi, Silvina, Rodrigo A. Vásquez, ———, Santiago Merino, and Camila P. Villavicencio
- morphology
 descriptive anatomy of the pelvic appendage myology of *Tetrastes sewerzowi*, 328–337
 growth rate and relocation movements of *Chordeiles minor* nestlings, 793–797
 history, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
 measurements for *Cyanocorax chrysops* nestlings, 87–95
 of nestling *Troglodytes aedon chilensis* on Chiloé Island, southern Chile, 531–537
 wing deformities among *Sula dactylatra* at Clipperton Island: life history consequences and insight into etiology, 597–602
- Morris, Sara R., see Suomala, Rebecca W., ———, and Kimberly J. Babbitt
- Morrison, Michael L., see Smith, Kathryn N., James W. Cain III, ———, and R. Neal Wilkins
- mortality and injury
 birds caught in spider webs: a synthesis of patterns, 345–353
 mortality associated with volcanic gas seep at Kiska Island, Aleutian Islands, Alaska, 146–151
- Morus bassanus*, 67
- Moser, Mary L. and David S. Lee, Foraging over *Sargassum* by western North Atlantic seabirds, 66–72
- Motmot, Tody, see *Hylomanes momotula*
- Mountain-Tanager, Scarlet-bellied, see *Anisognathus igniventris*
- Mourner, Cinereous, see *Laniocera hypopyrra*
- Speckled, see *Laniocera rufescens*
- mouse, see *Apodemus* spp.
 deer, see *Peromyscus maniculatus*
 house, see *Mus musculus*
- Muñoz, Jenny M., see Ocampo, David, M. Camila Estrada-F., ———, Laura V. Londoño, Santiago David, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo
- Muñoz-Pederos, Andrés, see Norambuena, Heraldo V. and ———
- Munro, Ursula, see Deutschlander, Mark E., John B. Phillips, and ———
- Murre, Common, see *Uria aalge*
- Mus musculus*, 521, 591–592
- Muscicapa striata*, 348, 401, 682
- Mustela erminea*, 518, 521
itatsi, 514
- Myadestes lanaiensis*, 675
myadestinus, 675
obscurus, 675–681
palmeri, 675, 679
woahensis, 675
- Myiarchus cephalotes*, 171
cinerascens, 387
striaticollis, 172
tuberculifer, 570
tyrannulus, 570
- Myiobius*, Black-tailed, see *Myiobius atricaudus*
- Myiobius atricaudus*, 432
 spp., 432
- Myioborus ornatus*, 572–580
- Myiodynastes maculatus*, 570
- Myiophobus cryptoxanthus*, 23
- Myiopsitta monachus* [*Myopsitta monacha*, 593], 581–588
monachus luchsii, 585
monachus monachus, 585
- Myiotheretes fumigatus*, 169–173, 572–580
fumigatus cajamarcae, 169
rufipennis, 172
- Myiothlypis luteoviridis*, 572–580
- Myiozetetes similis*, 570
- Myrmeciza disjuncta*, 23
elzelni, 18
melanoceps, 23
pelzelni, 23
- Myrmoborus lugubris stictopterus*, 18
myotherinus, 18
myotherinus ardesiacus, 15–23
myotherinus elegans, 18
- Myrmotherula ambigua* (*ambigua*), 23
cherriei, 23
ignota, 18
ignota obscura, 23
longicauda soderstromi, 23
sunensis sunensis, 23
- N
- Nasua narica*, 294, 296
nasua, 93
- natural history
Megascops asio responses to suburban sprawl, warmer climate, and additional avian food in central Texas, 630–633
 of *Crax blumenbachii*, 321–327
 of invasive *Myiopsitta monachus* in south Florida, 581–588
- Neobarrettia spinosa*, 281, 283
- Neotantes niger*, 22
- Neomorphus pucheranii pucheranii*, 22
- Neoscona hentzii*, 347, 350
- Neothraupis fasciata*, 62
 spp., 380
- Nephila* [*Nephilia*], *clavipes*, 347–350
inaurata, 350
maculata, 350–351
 spp. 347, 351
- Nephilengys cruentata*, 347, 349–350
- nest
 aromatic plants in *Cyanistes caeruleus* nests: the ‘Nest Protection Hypothesis’ revisited, 162–165
 description for *Certhia americana* in Central America, 177–179
 description for *Chlorochrysa calliparea* [*calliparaea*], 380–384
 description for *Cyanocorax chrysops*, 87–95
 description for *Myiotheretes fumigatus* from Ecuador, 169–173

- description for *Poospiza cinerea* in southeastern Brazil, 166–169
- description for *Sporophila melanogaster*, 173–176
- description for *Stymphalornis acutirostris*, 286–291
- description of *Anthus lutescens*, 119–126
- first description of the nest and eggs of the island-endemic *Vireo bairdi*, 743–749
- first description of the reproductive biology of *Accipiter poliogaster*, 767–774
- microclimate at *Cypseloides niger borealis* colonies, 797–802
- microhabitat nest cover effect on nest survival of *Paroaria coronata*, 506–512
- nesting biology of *Tolmomyias sulphureus* in Atlantic Forest fragments, 547–557
- nest-site characteristics affect probability of nest predation of *Lanius bucephalus*, 513–517
- nest-site characteristics of *Chordeiles minor* in a Pine Barrens grassland, 113–118
- nest-site habitat description for *Lanius collurio*, 51–56
- nest-site selection and breeding success of *Ciconia ciconia* in Western Turkey, 354–361
- site description for *Limnothlypis swainsonii* in a South Carolina bottomland forest, 728–736
- nesting
- biology of *Tolmomyias sulphureus* in Atlantic Forest fragments, 547–557
- density of *Catharus guttatus* in a remnant invasive earthworm-free portion of a Wisconsin hardwood forest, 375–379
- ecology of *Limnothlypis swainsonii* in a South Carolina bottomland forest, 728–736
- ecology of *Vireo atricapilla* in southwest Texas, 277–285
- of *Aphrastura spinicauda* in a pine plantation in southcentral Chile, 737–742
- nestling
- description and provisioning behavior of *Accipiter poliogaster*, 767–774
- description and provisioning for *Myiotheretes fumigatus* from Ecuador, 169–173
- description for *Hypopyrrhus pyrohypogaster* of the Colombian Andes, 538–546
- description for *Limnothlypis swainsonii* in a South Carolina bottomland forest, 728–736
- description of *Chlorochrysa calliparaea* [*calliparaea*], 380–384
- diet of *Sturnella magna* in east-central Illinois, 399–402
- fledgling *Pelecanus thagus* attack and consume younger unrelated conspecifics, 603–607
- growth rate and relocation movements of *Chordeiles minor* nestlings, 793–797
- multiple male feeders at nests of *Catharus fuscescens*, 396–399
- provisioning of *Harpia harpyja* in Belize, 292–297
- provisioning of *Spiza americana* in native warm-season grass field buffers, 298–309
- Nice, Margaret Morse, Medal, 1997–2012, 878
- Nighthawk, Common, see *Chordeiles minor*
- Nightingale, Common, see *Luscinia megarhynchos*
- Thrush, see *Luscinia luscinia*
- Nimitz, Wyatt F., see Vilella, Francisco J. and ———
- Ninox scutulata*, 148
- Noddy, Brown, see *Anous stolidus*
- Nol, Erica, see Lishman, Carmen and ———
- Nonnulla amaurocephala*, 15–23
- brunnea*, 22
- frontalis*, 17
- rubecula simulatrix*, 18
- ruficapilla*, 17
- ruficapilla rufipectus*, 22
- Norambuena, Heraldo V. and Andrés Muñoz-Pedrerros, Diurnal activity of the Austral Pygmy Owl (*Glaucidium nana*) in southern Chile, 633–635
- Norwood, Gregory J., review, How fast can a falcon dive? by Peter Capainolo [Capainola] and Carol A. Butler, 426–427
- Notharchus ordii*, 22
- Notiochelidon cyanoleuca*, 348
- Numenius phaeopus*, 42–44, 47
- Numida meleagris*, 759
- Nunlet, Chestnut-headed, see *Nonnulla amaurocephala*
- Nuthatch, Eurasian, see *Sitta europaea*
- Red-breasted, see *Sitta canadensis*
- White-breasted, see *Sitta carolinensis*
- Nycticorax nycticorax*, 606
- O**
- Oakleaf, Robert J., see Enderson, James H., ———, Ralph R. Rogers, and Jay S. Sumner
- Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño, Santiago David, Giovanni Valencia, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo, Breeding biology of the Red-bellied Grackle (*Hypopyrrhus pyrohypogaster*): a cooperative breeder of the Colombian Andes, 538–546
- Oceanites oceanicus*, 69
- Oceanodroma furcata*, 146
- leucorhoa*, 69, 245–252
- Ochthoeca cinnamomeiventris*, 572–580
- rufipectoralis*, 572–580
- Octodon degu*, 633
- Ocyalus latirostris*, 23
- Odocoileus* spp., 284
- Oenanthe oenanthe*, 702
- Ogden, Lesley J. Evans, Michaela Martin, and Kathy Martin, Mating and breeding success decline with elevation for the Pacific Wren (*Troglodytes pacificus*) in coastal mountain forests, 270–276
- Oligoryzomys flavescens*, 591–592, 594
- nigripes*, 592
- Oloma'ō, see *Myadestes lanaiensis*
- Olson, Storrs L., Award, 2008–2011, 877
- Olson, Storrs L., History, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
- ‘Ōma’ō, see *Myadestes obscurus*
- Onmuş, Ortaç, Yildirim Ağaoğlu, and Orhan Gül, Environmental factors affecting nest-site selection and breeding success of the White Stork (*Ciconia ciconia*) in Western Turkey, 354–361

- Onychoprion anaethetus*, 68–71
fuscatus, 67–68
Onychorhynchus spp., 432
 opossum, see *Thylamys elegans*
 brush-tailed, see *Trichosurus vulpecula*
 common, see *Didelphis marsupialis*
 white-eared, see *Didelphis albiventris*
 orb-weaver, garden, see *Eriophora biapicata*
Oreortyx pictus, 186, 389
Oreothlypis peregrina, 366–370
 ruficapilla, 217–229
 virginiae, 349
 Oriole, Baltimore, see *Icterus galbula*
 Bullock's, see *Icterus bullockii*
 Oropendola, Montezuma, see *Psarocolius montezuma*
Ortalis vetula, 570
Orthonyx spp., 665
Orthorhynchus cristatus, 84
Oryctolagus cuniculus, 776–779
Oryzoborus funereus, 571
 Osprey, Western, see *Pandion haliaetus*
 Ostrand, Susan Linn and Eric K. Bollinger, Nestling diet of
 Eastern Meadowlarks in east-central Illinois, 399–
 402
Otus flammeolus, 204–205
 nudipes, 758
 Ovenbird, see *Seiurus aurocapilla*
Ovis spp., 279, 284
 Owl, Austral Pygmy, see *Glaucidium nana*
 Barn (Western Barn), see *Tyto alba*
 Barred, see *Strix varia*
 Boreal, see *Aegolius funereus*
 Burrowing, see *Athene cunicularia*
 Eurasian Pygmy-, see *Glaucidium passerinum*
 Ferruginous Pygmy-, see *Glaucidium brasilianum*
 Flammulated, see *Otus flammeolus*
 Great Horned, see *Bubo virginianus*
 Northern Saw-whet, see *Aegolius acadicus*
 Short-eared, see *Asio flammeus*
 Spotted, see *Strix occidentalis*
 Owlet-nightjar, Australian, see *Aegotheles cristatus*
Oxymycterus rufus, 592
Oxyruncus cristatus, 432
- P**
- Pachyramphus* spp., 432
 versicolor, 432, 572–580
 Palmcreeper, Point-tailed, see *Berlepschia rikeri*
Palmeria dolei, 656
 spp., 654–655, 659
Pandion haliaetus, 406–408, 636–640
 spp., 335
Panyptila cayennensis, 152–157
 Parakeet, Carolina, see *Conuropsis carolinensis*
 Monk, see *Myiopsitta monachus*
 Olive-throated, see *Aratinga nana*
 parasites
 Protocalliphora (Diptera: Calliphoridae) infestations of
 nestling *Buteo lineatus* in southern Ohio, 783–
 787
 parasitism
 effects of parasitism by *Molothrus ater* may persist into
 post-fledging, 179–183
 flange color of *Molothrus ater* from nests of two host
 species, 139–145
 intraspecific brood parasitism of *Turdus leucomelas*,
 611–614
 nesting ecology of *Limnothlypis swainsonii* in a South
 Carolina bottomland forest, 728–736
Parkesia noveboracensis, 217–229, 368, 571
Paroaria coronata, 506–512
 spp., 380, 383
 Parrot, Burrowing, see *Cyanoliseus patagonus*
 Eclectus, see *Eclectus roratus*
 Lilac-crowned, see *Amazona finschi*
 Puerto Rican, see *Amazona vittata*
 Parula, Northern, see *Setophaga americana*
Parus major, 265, 387, 401, 791
Passer domesticus, 140, 384–389, 413, 593, 610, 775, 777,
 779
 montanus, 413, 791
Passerculus sandwichensis, 217–229, 274–275
Passerina caerulea, 28
 cyanea, 180, 217–229, 299
Patagioenas flavirostris, 570
 squamosa, 762
 Paul, Ellen, review, The feathery tribe, by Daniel Lewis,
 829–832
Pauxi pauxi, 316–320
 pauxi gilliardi, 318
 Pease, Shannon M., Alejandro Salinas-Melgoza, Katherine
 Renton, Patricia Escalante, and Timothy F. Wright,
 Brood sex ratio of the Lilac-crowned Parrot
 (*Amazona finschi*), 393–396
Pelecanus conspicillatus, 603, 606
 erythrorhynchos, 597, 600
 occidentalis, 603
 spp., 603
 thagus, 603–607
 Pelican, American White, see *Pelecanus erythrorhynchos*
 Australian, see *Pelecanus conspicillatus*
 Brown, see *Pelecanus occidentalis*
 Peruvian, see *Pelecanus thagus*
 Peña-Álvarez, Beatriz, see van der Wal, Hans, ———,
 Stefan L. Arriaga-Weiss, and Salvador Hernández-
 Daumás
 Penguin, Chinstrap, see *Pygoscelis antarcticus*
 Humboldt, see *Spheniscus humboldti*
Percnostola caurensis, 18
 Perkins, Kelly A., see Wood, Petra Bohall and ———
Peromyscus maniculatus, 776, 779
 Peters, Kimberly A., see Allen, Michael C. and ———
 Peterson, Sean M., Henry M. Streby, and David E.
 Andersen, Effects of parasitism by Brown-headed
 Cowbirds may persist into post-fledging, 179–183
 Petrel, Bermuda, see *Pterodroma cahow*
 Black-capped, see *Pterodroma hasitata*
 European Storm, see *Hydrobates pelagicus*
 Hawaiian, see *Pterodroma sandwichensis*
Petrochelidon fulva, 613
 pyrrhonota, 27–28, 613
 Petry, Maria V., see Scherer, Angelo L. and ———

- Peucaea aestivalis*, 413
cassinii, 27–28, 413
Pewee, Smoke-colored, see *Contopus fumigatus*
Phacellodomus rufifrons, 61
Phaechroa cuvierii, 111
Phaethon aethereus, 67
lepturus, 67
Phaethornis longirostris, 347
longuemareus, 346–347
spp., 106
striigularis, 570
superciliosus, 106
Phalacrocorax auritus, 67, 251, 597, 600
brasilianus, 603
carbo, 247
Phalaenoptilus nuttallii, 796
Phalarope, Red, see *Phalaropus fulicarius*
Red-necked, see *Phalaropus lobatus*
Phalaropus fulicarius, 69
lobatus, 68–69
Phasianus colchicus, 186
Pheasant, Ring-necked, see *Phasianus colchicus*
Phegornis mitchellii, 487
Pheucticus ludovicianus, 217–229, 267, 571
Phillips, John B., see Deutschlander, Mark E., ———, and Ursula Munro
Philodryas spp., 507
Philornis porteri, 786
Phlogophilus hemileucurus, 22
Phoebe, Eastern, see *Sayornis phoebe*
Phylidonyris novaehollandiae, 347
Phyllomyias nigrocapillus, 572–580
Phylloscopus fuscatus, 348
trochilus, 12
Phylodrias chamissonis, 741
physiology
hematocrit does not indicate condition in nestling or adult *Sturnus vulgaris*, 788–792
of migrant songbirds on two islands in the Gulf of Maine, 217–229
Pica hudsonia, 610
Picoides borealis, 390, 392
villosus, 179
Piculet, Lafresnays's, see *Picumnus lafresnayi pusillus*
Picumnus aurifrons, 18
lafresnayi, 18
lafresnayi pusillus, 15–23
pumilus (*pumillus*, 22), 18
pusillus, 18
Pie, Marco R., see Reinert, Bianca L., Ricardo Belmonte-Lopes, Marcos R. Bornschein, Daiane D. Sobotka, Leandro Corrêa, ———, and Marco A. Pizo
pig, see *Sus scrofa*
Pigeon, Rock, see *Columba livia*
Scaly-naped, see *Patagioenas squamosa*
Pintail, White-cheeked, see *Anas bahamensis*
Piper, Walter H., see Mager III, John N., Charles Walcott, and ———
Pipilo erythrophthalmus, 208–216
maculatus, 779
Pipit, American (Buff-bellied), see *Anthus rubescens*
Meadow, see *Anthus pratensis*
Sprague's, see *Anthus spragueii*
Yellowish, see *Anthus lutescens*
Piranga olivacea, 500
rubra, 33, 571
Pires, Bárbara A., Anabela F. Belo, and João E. Rabaça, Aromatic plants in Eurasian Blue Tit nests: the 'Nest Protection Hypothesis' revisited, 162–165
Pitangus sulphuratus, 570, 593
Pithys castaneus, 23
Pitman, Robert L., Lisa T. Ballance, and Charles A. Bost, Incidence of wing deformities ('Angel Wing') among Masked Boobies at Clipperton Island: life history consequences and insight into etiology, 597–602
Pituophis melanoleucus melanoleucus, 115
Pizo, Marco A., see Reinert, Bianca L., Ricardo Belmonte-Lopes, Marcos R. Bornschein, Daiane D. Sobotka, Leandro Corrêa, Marco R. Pie, and ———
Pizo, Mario Aurélio, Lek behavior of the Plovercrest (*Stephanoxis lalandi*, Trochilidae), 106–112
Plasmodium relictum, 675
Plectrophenax nivalis, 148
Plegadis chihi, 570
Plover, Collared, see *Charadrius collaris*
Diademed, see *Phegornis mitchellii*
Grey, see *Pluvialis squatarola*
Madagascar, see *Charadrius thoracicus*
Magellanic, see *Pluvianellus socialis*
Mountain, see *Charadrius montanus*
Piping, see *Charadrius melodus*
Rufous-chested, see *Charadrius modestus*
Semipalmated, see *Charadrius semipalmatus*
Plovercrest, see *Stephanoxis lalandi*
plumage
flange color of brood parasitic *Molothrus ater* from nests of two host species, 139–145
history, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
juvenile plumages of *Laniocera hypopyrra* and *Laniisoma elegans*, 429–435
two modes of primary replacement during prebasic molt of *Rhipidura rufifrons*, 682–687
Pluvialis dominica, 42–44, 47
squatarola, 42–44, 47
Pluvianellus socialis, 487–496
Podiceps grisegena, 364
nigricollis, 714
nigricollis californicus, 158–161
nigricollis nigricollis, 160
occipitalis, 160
Podilymbus podiceps, 714
Poecile atricapillus, 267, 626, 750–757, 820–824
carolinensis, 33, 626–629, 809
hudsonicus, 820–824
montanus, 387
palustris, 387
rufescens, 779
Poecilatriccus calopecterus, 23
capitalis, 23

- Polioptila caerulea*, 33, 571
californica, 180
plumbea, 571
Polioxolmis rufipennis, 172
Polystictus superciliaris, 60, 62
 Poorwill, Common, see *Phalaenoptilus nuttallii*
Poospiza alticola, 166
cinerea, 166–169
erythrophrys, 166
melanoleuca, 166, 168
torquata, 166, 168
 Poo-uli, see *Melamprosops phaeosoma*
 Pop, Liberato, see Rotenberg, James A., Jacob A. Marlin,
 ———, and William Garcia
 population
 density of *Pauxi pauxi* in Tamá National Park,
 Colombia, 316–320
 survey of *Oceanodroma leucorhoa* breeding at Grand
 Colombier Island, Saint-Pierre and Miquelon
 Archipelago, 245–252
Porzana carolina, 188–190
 Post, William, see Greenlaw, Jon S. and ———
Potos flavus, 294
 Potter, Kim M., see Beason, Jason P., Carolyn Gunn,
 ———, Robert A. Sparks, and James W. Fox
 Potter, Kim M., see Gunn, Carolyn, ———, and Jason P.
 Beason
 Prairie-Chicken, Greater, see *Tympanuchus cupido*
 Lesser, see *Tympanuchus pallidicinctus*
 Pratt, Douglas H., review, Birds of Hawaii, New Zealand,
 and the Central and West Pacific, by Ber van Perlo,
 191–193
 predation
 fledgling *Pelecanus thagus* attack and consume younger
 unrelated conspecifics, 603–607
 of *Vireo atricapilla* nests in southwest Texas, 277–285
 protection of *Agelaius phoeniceus* by *Porzana carolina*
 nests, 188–190
Priacanthus sp., 70
 Primack, Richard B., see Bauböck, Lisa, Abraham J.
 Miller-Rushing, ———, Trevor L. Lloyd Evans,
 and Fred E. Wasserman
 proceedings of the ninety-third annual meeting, 835–846
Procyon lotor, 190, 283, 385
Progne subis, 13, 702
Protocalliphora asiovora, 783
avium, 783–787
azurea, 786
sialia, 786
 spp., 783
Protonotaria citrea, 728
 protozoan, see *Trichomonas gallinae*
 Prum, Richard O., review, The optics of life: a biologist's
 guide to light in nature, by Sönke Johnsen, 645–646
Psaltriparus minimus, 348, 351, 413
Psarocolius montezuma, 566, 571
Psenes sp., 70
Pseudocolaptes boissonneautii, 572–580
Pseudotriccus ruficeps, 572–580
Psidoprocne pristoptera, 153
Psilorhinus morio, 562, 571
Psophia crepitans napensis, 17
crepitans ochroptera, 15–23
leucoptera, 17
Pterodroma cahow, 71
hasitata, 69
sandwichensis, 678
Pteroglossus azara azara, 15–23
azara flavirostris, 18, 22
azara mariae, 18
pluricinctus, 18, 22
torquatus, 570
Ptychoramphus aleuticus, 248
 Puaiohi, see *Myadestes palmeri*
 puffer, see *Sphoeroides* sp.
 northern, see *Sphoeroides maculatus*
 Puffin, Atlantic, see *Fratercula arctica*
Puffinus gravis, 69
griseus, 69
lherminieri, 68–71
puffinus, 69
 Purpletuft, Buff-throated, see *Iodopleura pipra*
 Dusky, see *Iodopleura fusca*
 White-browed, see *Iodopleura isabellae*
 Pygmy-Owl, Ferruginous, see *Glaucidium brasilianum*
 Northern, see *Glaucidium gnoma*
Pygoscelis antarcticus, 791
 Pyle, Peter, see Junda, James H., Andrea L. Crary, and
 ———
Pyrocephalus rubinus, 554, 570, 613
Pyrrhomyias cinnamomeus, 172, 552, 554
Pyrrhura albipectus, 22
- Q**
- Qian, Fa-Wen, see Liu, Qiang, Feng-Shan Li, Paul Buzzard,
 ———, Fan Zhang, Jian-Lin Zhao, Jun-Xing Yang,
 and Xiao-Jun Yang
 Quail, Japanese, see *Coturnix japonica*
 King, see *Excalfactoria chinensis*
 Mountain, see *Oreortyx pictus*
 Scaled, see *Callipepla squamata*
 Quail-Dove, Buff-fronted, see *Geotrygon costaricensis*
 Quilodrán, Claudio, S., Rodrigo A. Vásquez, and Cristián F.
 Estades, Nesting of the Thorn-tailed Rayadito
 (*Aphrastura spinicauda*) in a pine plantation in
 southcentral Chile, 737–742
Quiscalus mexicanus, 562, 564, 571
quiscula, 27
- R**
- Rabaça, João E., see Pires, Bárbara A., Anabela F. Belo,
 and ———
 rabbit, European, see *Oryctolagus cuniculus*
 raccoon, common, see *Procyon lotor*
Ramphastos sulfuratus, 566, 570
Ramphocelus sanguinolentus, 571
Ramphotrigon fuscicauda, 23
 rat, see *Rattus* spp.
 black, see *Rattus rattus*
 degu, see *Octodon degu*
 Norway, see *Rattus norvegicus*
Rattus exulans, 670
norvegicus, 147–148, 521, 776, 779

- rattus*, 521, 743, 776, 779
 spp., 478, 514, 518–524, 591–592, 675, 679, 764
- Rayadito, Thorn-tailed, see *Aphrastura spinicauda*
- Razorbill, see *Alca torda*
- Redstart, American, see *Setophaga ruticilla*
- Regulus calendula*, 217–229
regulus, 348, 351
satrapa, 217–229, 348, 351
- Reichard, Dustin G. and Ellen D. Ketterson, Estimation of female home-range size during the nestling period of Dark-eyed Juncos, 614–620
- Reinert, Bianca L., Ricardo Belmonte-Lopes, Marcos R. Bornschein, Daiane D. Sobotka, Leandro Corrêa, Marco R. Pie, and Marco A. Pizo, Nest and eggs of the Marsh Antwren (*Stymphalornis acutirostris*): the only marsh-dwelling thamnophilid, 286–291
- Renne, Ian J., see Saborse, Jacob A. and ———
- Renton, Katherine, see Pease, Shannon M., Alejandro Salinas-Melgoza, ———, Patricia Escalante, and Timothy F. Wright
- reviewers for volume 124, 847–848
- Rhea, see *Rhea* spp.
- Rhea* spp., 538
- Rhegmatorhina cristata*, 23
melanosticta melanosticta, 23
- Rhinella fernandezae*, 593
- Rhipidura rufifrons*, 682–687
- Rhodacanthis flaviceps*, 680
palmeri, 680
 spp., 667
- Rideout-Hanzak, Sandra, see Roberts, Anthony J., Clint W. Boal, David B. Wester, ———, and Heather A. Whitlaw
- Riffell, Samuel K., see Mitchell, Kristina L., ———, L. Wes Burger Jr., and Francisco J. Vilella
- ringtail, see *Bassariscus astutus*
- Rissa tridactyla*, 69, 247
- Ritchison, Gary, see Courter, Jason R. and ———
- Roadrunner, Greater, see *Geococcyx californianus*
- Robbins, Mark B., see Thompson III, Frank R., ———, and Jane A. Fitzgerald
- Roberts, Anthony J., Clint W. Boal, David B. Wester, Sandra Rideout-Hanzak, and Heather A. Whitlaw, Grassland bird community response to large wildfires, 24–30
- Robin, American, see *Turdus migratorius*
 Clay-colored, see *Turdus grayi*
 European, see *Erithacus rubecula*
- Rockwell, Sarah M., see Ewert, David N., Kimberly R. Hall, Joseph M. Wunderle Jr., Dave Currie, ———, Scott B. Johnson, and Jennifer D. White
- Rodewald, Amanda D., see Slager, David L., Molly E. McDermott, and ———
- Rodrigues, Marcos, see Freitas, Guilherme H. S. and ———
- Rodrigues, Marcos, see Wischhoff, Uschi, Fernando Marques-Santos, and ———
- Rodríguez, Gustavo A., Jon Paul Rodríguez, José Rafael Ferrer-Paris, and Ada Sánchez-Mercado, A nation-wide standardized bird survey scheme for Venezuela, 230–244
- Rodríguez, Jon Paul, see Rodríguez, Gustavo A., ———, José Rafael Ferrer-Paris, and Ada Sánchez-Mercado
- Rogers, Ralph R., see Enderson, James H., Robert J. Oakleaf, ———, and Jay S. Sumner
- Rosenfield, Robert N., see Cava, Jenna A., Andrew C. Stewart, and ———
- Rostrhamus sociabilis*, 636–640
- Rosy-Finch, Gray-crowned, see *Leucosticte tephrocotis*
- Rotenberg, James A., Jacob A. Marlin, Liberato Pop, and William Garcia, First record of a Harpy Eagle (*Harpia harpyja*) nest in Belize, 292–297
- Rovedder, Cristiano Eid and Carla Suertegaray Fontana, Nest, eggs, and nest placement of the Brazilian endemic Black-bellied Seed eater (*Sporophila melanogaster*), 173–176
- Rush, Scott A., see Vogt, David F., Mark E. Hopey, G. Rad Mayfield III, Eric C. Soehren, Laura M. Lewis, John A. Trent, and ———

S

- Saborse, Jacob A. and Ian J. Renne, Historic presence and absence of predator affects call structure of Black-capped Chickadees, 750–757
- Sabrewing, Rufous, see *Campylopterus rufus*
- Sage-Grouse, Greater, see *Centrocercus urophasianus*
- Salinas-Melgoza, Alejandro, see Pease, Shannon M., ———, Katherine Renton, Patricia Escalante, and Timothy F. Wright
- Saltator atriceps*, 571
coeruleus, 571
- Sánchez, Natalie V., see Vargas-Castro, Luis E., ———, and Gilbert Barrantes
- Sánchez-Mercado, Ada, see Rodríguez, Gustavo A., Jon Paul Rodríguez, José Rafael Ferrer-Paris, and ———
- Sanderling, see *Calidris alba*
- Sandpiper, Buff-breasted, see *Tryngites subruficollis*
 Semipalmated, see *Calidris pusilla*
 Solitary, see *Tringa solitaria*
 White-rumped, see *Calidris fuscicollis*
- Sapphire, White-chinned, see *Hylocharis cyanus*
- Sarcoramphus papa*, 636–640
- Sargassum*, 66–72
- Saw-wing, Black, see *Psidoprocne pristoptera*
- Sayornis phoebe*, 217–229
- Sazima, Ivan and Giulia B. D'Angelo, Agonistic interactions between two foraging Anhinga females in southeastern Brazil, 403–405
- scad, see *Decapterus* sp.
 rough, see *Trachurus lathami*
- Scapteromys aquaticus*, 592
- Scherer, Angelo L. and Maria V. Petry, Seasonal variation in shorebird abundance in the State of Rio Grande do Sul, southern Brazil, 40–50
- Schiffornis, Thrush-like, see *Schiffornis turdina*
 Varzea, see *Schiffornis major*
- Schiffornis major*, 434
 spp., 429–435
turdina, 430
- Schistochlamys ruficapillus*, 61
 [*Schistochlamys*] spp., 380
- Schistocichla caurensis*, 23

- Schmidt, Kenneth A., see Belinsky, Kara Loeb, Joel Lahman Hogle, and ———
- Sciurus carolinensis*, 776, 779, 818–820 spp., 518
- Sclerurus rufigularis brunnescens*, 18
- Screech-Owl, Eastern, see *Megascops asio*
- Puerto Rican, see *Otus nudipes*
- Scrub-Jay, Western, see *Aphelocoma californica*
- seahorse, see *Hippocampus* sp.
- Seedeater, Black-and-tawny, see *Sporophila nigrorufa*
- Black-bellied, see *Sporophila melanogaster*
- Chestnut, see *Sporophila cinnamomea*
- Chestnut-bellied, see *Sporophila castaneiventris*
- Copper, see *Sporophila bouvreuil*
- Dark-throated, see *Sporophila ruficollis*
- Lined, see *Sporophila lineola*
- Marsh, see *Sporophila palustris*
- Pearly-bellied, see *Sporophila pileata*
- Ruddy-breasted, see *Sporophila minuta*
- Rufous-rumped, see *Sporophila hypochroma*
- Tawny-bellied, see *Sporophila hypoxantha*
- Yellow-bellied, see *Sporophila nigricollis*
- Segura, Luciano N., Diego A. Masson, and Mariela G. Gantchoff, Microhabitat nest cover effect on nest survival of the Red-crested Cardinal, 506–512
- Seiurus aurocapilla*, 179–183, 217–229, 266–268, 369, 375, 378, 620–625
- Selasphorus platycercus*, 106, 111, 641
- rufus*, 640–643
- sasin*, 641
- Selenidera nattereri*, 22
- reinwardtii reinwardtii*, 22
- Setina, Víctor, Diego J. Lizcano, Daniel M. Brooks, and Luís Fábio Silveira, Population density of the Helmeted Curassow (*Pauxi pauxi*) in Tamá National Park, Colombia, 316–320
- Setophaga americana*, 33, 217–229, 722
- caerulescens*, 33, 217–229, 369
- cerulea*, 497–505, 721–727
- citrina*, 33, 571
- coronata*, 217–229, 624
- discolor*, 33
- dominica*, 349 [*Setophaga*]
- fusca*, 217–229, 571–580
- kirtlandii*, 9–14
- magnolia*, 33, 217–229, 368, 571
- pensylvanica*, 33, 217–229
- petechia*, 139–145, 180, 368, 571, [*Setophaga*, 349]
- pinus*, 33
- ruticilla*, 33, 180, 208–229, 349, 562, 571
- striata*, 217–229, 368, 624
- tigrina*, 369
- virens*, 217–229, 571
- Sharpbill, see *Oxyruncus cristatus*
- Shearwater, Audubon's, see *Puffinus lherminieri*
- Cory's, see *Calonectris diomedea*
- Great, see *Puffinus gravis*
- Manx, see *Puffinus puffinus*
- Sooty, see *Puffinus griseus*
- sheep, see *Ovis* spp.
- Shrike, Brown, see *Lanius cristatus*
- Bull-headed, see *Lanius bucephalus*
- Loggerhead, see *Lanius ludovicianus*
- Red-backed, see *Lanius collurio*
- shrimp, Sargassum, see *Latreutes fucorum*
- Sialia mexicana*, 387
- sialis*, 387, 401, 457
- Silveira, Luís Fábio, see Setina, Víctor, Diego J. Lizcano, Daniel M. Brooks, and ———
- Silveira, Luís Fábio, see Srbek-Araujo, Ana Carolina, ———, and A. G. Chiarello
- Silveryeye, Australian, see *Zosterops lateralis lateralis*
- Capricorn, see *Zosterops lateralis chlorocephalus*
- Simbaña, Jose T., see Stawarczyk, Tadeusz, Marta Borowiec, Harold F. Greeney, and ———
- Simeone, Alejandro, see Daigre, Maximiliano, Paulina Arce, and ———
- Simon, Melinda M., see Dykstra, Cheryl R., Jeffrey L. Hays, ———, and Ann R. Wegman
- Siskin, Pine, see *Spinus pinus*
- Sitta canadensis*, 217–229
- carolinensis*, 628
- europaea*, 387
- Skua, Great, see *Stercorarius skua*
- Slager, David L., Molly E. McDermott, and Amanda D. Rodewald, Kleptoparasitism of nesting material from a Red-faced Spinetail (*Cranioleuca erythropis*) nest site, 812–815
- sloth, see *Bradypus* spp., *Choloepus* spp.
- Smith, Kathryn N., James W. Cain III, Michael L. Morrison, and R. Neal Wilkins, Nesting ecology of the Black-capped Vireo in southwest Texas, 277–285
- Smith, Kayley D. and Colleen A. Barber, Hematocrit does not indicate condition in nestling or adult European Starlings, 788–792
- snake, Baird's rat, see *Elaphe bairdi*
- black rat, see *Elaphe obsoleta*
- Japanese rat, see *Elaphe climacophora*
- long-tailed, see *Phylodrias chamissonis*
- northern pine, see *Pituophis melanoleucus melanoleucus*
- Trans-Pecos rat, see *Bogertohis subocularis*
- Sobotka, Daiane D., see Reinert, Bianca L., Ricardo Belmonte-Lopes, Marcos R. Bornschein, ———, Leandro Corrêa, Marco R. Pie, and Marco A. Pizo
- Soehren, Eric C., see Vogt, David F., Mark E. Hopey, G. Rad Mayfield III, ———, Laura M. Lewis, John A. Trent, and Scott A. Rush
- Solenopsis invicta*, 279, 283
- Sora, see *Porzana carolina*
- Souza, Lívia M. S., see Davação, Paulo V., ———, Leonardo S. de Oliveira, and Mercival R. Francisco
- Sparks, Robert A., see Beason, Jason P., Carolyn Gunn, Kim M. Potter, ———, and James W. Fox
- Sparrow, American Tree, see *Spizella arborea*
- Bachman's, see *Peucaea aestivalis*
- Black-chinned, see *Spizella atrogularis atrogularis*
- Cassin's, see *Peucaea cassinii*
- Eurasian Tree, see *Passer montanus*
- Field, see *Spizella pusilla*
- Golden-crowned, see *Zonotrichia atricapilla*
- Grasshopper, see *Annodramus savannarum*

- House, see *Passer domesticus*
 Lark, see *Chondestes grammacus*
 Lincoln's, see *Melospiza lincolni*
 Nelson's, see *Ammodramus nelsoni*
 Saltmarsh, see *Ammodramus caudacutus*
 Savannah, see *Passerculus sandwichensis*
 Seaside, see *Ammodramus maritimus*
 Song, see *Melospiza melodia*
 Swamp, see *Melospiza georgiana*
 White-throated, see *Zonotrichia albicollis*
Spheniscus humboldti, 603
Sphoeroides maculatus, 70
 sp., 70
 spider, African black widow, see *Latrodectus* sp.
 golden orb, see *Nephilengys cruentata*
 wolf, see *Hogna* spp.
 Spinetail, Mottled, see *Telecanthura ussheri*
 Red-faced, see *Cranioleuca erythroptus*
 Ruddy, see *Synallaxis rutilans confinis*
Spinus pinus, 779
psaltria, 349
tristis, 208–216, 349
Spiza americana, 27–28, 298–309
Spizaetus ornatus, 771
Spizella arborea, 265
atroglularis atrogularis, 418
pusilla, 299, 418
Sporophila americana, 571
bouvreuil, 688, 694, 697
caerulescens, 173
caraguata, 697
castaneiventris, 688, 696
cinnamomea, 688, 694, 697
collaris, 173
hypochroma, 688–697
hypoxantha, 173, 175, 688–697
leucoptera, 173, 175
lineola, 173, 175, 689
melanogaster, 173–176, 688, 694, 696
minuta, 688, 696
nigricollis, 349
nigrorufa, 688, 694, 697
palustris, 173, 688, 694, 697
pileata, 688, 694, 697
ruficollis, 688–697
torqueola, 571
uruguayana, 697
xumanxu, 696
zelichi, 697
 squirrel, see *Sciurus* spp.
 gray (Eastern gray), see *Sciurus carolinensis*
 Srbek-Araujo, Ana Carolina, Luís Fábio Silveira, and A. G. Chiarello, The Red-billed Curassow (*Crax blumenbachii*): social organization, and daily activity patterns, 321–327
 Stanback, Mark T., see Millican, David M., Patrick G. McGovern, and ———
 Starling, European, see *Sturnus vulgaris*
 Spotless, see *Sturnus unicolor*
 Stawarczyk, Tadeusz, Marta Borowiec, Harold F. Greeney, and Jose T. Simbaña, Description of eggs, nest, and parental care of the Smoky Bush Tyrant (*Myiotheretes fumigatus*) from Ecuador, 169–173
Stelgidopteryx serripennis, 571
Stellula calliope, 640–643
Stephanolepis hispidus, 70
Stephanophorus spp., 380, 383
Stephanoxis lalandi, 106–112
lalandi loddigesii, 106–112
Stercorarius longicaudus, 69
parasiticus, 67, 407
pomarinus, 69
skua, 67
Sterna dougallii, 71
forsteri, 68
hirundo, 69, 71, 391
paradisaea, 67
Sternula antillarum, 68
 Stevens, Thomas K., A new location for the Tody Motmot (*Hylomanes momotula*) in Costa Rica, 815–817
 Stewart, Andrew C., see Cava, Jenna A., ———, and Robert N. Rosenfield
 Stork, Maguari, see *Ciconia maguari*
 Marabou, see *Leptoptilos crumenifer*
 White, see *Ciconia ciconia*
 Storm-Petrel, Fork-tailed, see *Oceanodroma furcata*
 Leach's, see *Oceanodroma leucorhoa*
 Wilson's, see *Oceanites oceanicus*
 Streby, Henry M. and David E. Andersen, Movement and cover-type selection by fledgling Ovenbirds (*Seiurus aurocapilla*) after independence from adult care, 620–625
 Streby, Henry M., see Peterson, Sean M., ———, and David E. Andersen
Streptopelia senegalensis, 346–347
Streptoprocne zonaris, 6
Strigops habroptila, 393
Strix occidentalis, 204
varia, 267, 631
Sturnella magna, 28, 268, 399–402, 413
neglecta, 24–30, 400, 413
Sturnus unicolor, 790
vulgaris, 162, 387, 413, 775, 777, 779, 788–792
Stymphalornis acutirostris, 286–291
Suiriri affinis, 554
islerorum, 61
suiriri, 61
Sula dactylatra, 68, 597–602
granti, 601, 607
leucogaster, 600–601
nebouxii, 601
 spp., 603
sula, 601
 Sumner, Jay S., see Enderson, James H., Robert J. Oakleaf, Ralph R. Rogers, and ———
 Sun, Yue Hua, see Zhang, Zihui, James C. Vanden Berge, and ———
 Sunbird, Amethyst, see *Chalcomitra amethystina*
 Olive, see *Cyanomitra olivacea*
 Seychelles, see *Cinnyris dussumieri*
 Suomala, Rebecca W., Sara R. Morris, and Kimberly J. Babbitt, Comparison of migrant songbird stopover

- ecology on two islands in the Gulf of Maine, 217–229
- survival
 effect of habitat edges on nest survival of *Anthus spragueii*, 310–315
 infanticide by a female *Hirundo rustica*, 608–611
 microhabitat nest cover effect on nest survival of *Paroaria coronata*, 506–512
 nest success of *Falco peregrinus*, 127–132
 nesting ecology of *Vireo atricapilla* in southwest Texas, 277–285
 nesting success for *Chordeiles minor* in a Pine Barrens grassland, 113–118
 nest-site characteristics affect probability of nest predation of *Lanius bucephalus*, 513–517
 of nestling *Hypopyrrhus pyrohypogaster* of the Colombian Andes, 538–546
 reproductive success of *Turdus amaurochalinus* in a southern temperate zone, 133–138
- Sus scrofa*, 478
- Swallow, Barn, see *Hirundo rustica*
 Blue-and-white, see *Notiochelidon cyanoleuca*
 Cave, see *Petrochelidon fulva*
 Cliff (American Cliff), see *Petrochelidon pyrrhonota*
 Tree, see *Tachycineta bicolor*
 Welcome, see *Hirundo neoxena*
- Swift, African Palm, see *Cypsiurus parvus*
 Chimney, see *Chaetura pelagica*
 Common, see *Apus apus*
 Grey-rumped, see *Chaetura cinereiventris*
 Lesser Swallow-tailed, see *Panyptila cayennensis*
 Neotropical Palm, see *Tachornis squamata*
 Northern Black, see *Cypseloides niger borealis*
 Short-tailed, see *Chaetura brachyura*
 Sick's, see *Chaetura meridionalis*
 Vaux's, see *Chaetura vauxi*
 White-collared, see *Streptoprocne zonaris*
- Swiftlet, Glossy, see *Collocalia esculenta*
 White-rumped, see *Aerodramus spodiopygius*
- Sylvia curruca*, 468
 spp., 12
- Sylvietta whytii*, 348
- Sylvilagus floridanus*, 776, 779
- Synallaxis moesta*, 22
rutilans amazonica, 18
rutilans caquetensis, 18
rutilans confinis, 15–23
rutilans dissors, 18
unirufa, 572–580
- T**
- Tachornis squamata*, 152–157
- Tachuri, Gray-backed, see *Polystictus superciliaris*
- Tachycineta bicolor*, 387, 571
- Tadarida brasiliensis*, 592
- Taeniopygia guttata*, 265, 450
- Taff, Conor C., Katherine A. Littrell, and Corey R. Freeman-Gallant, Female song in the Common Yellowthroat, 370–374
- tamandua, northern, see *Tamandua mexicana*
- Tamandua mexicana*, 294
- Tamias striatus*, 778
- Tanager, Black-backed Bush, see *Urothraupis stolzmanni*
 Cinnamon, see *Schistochlamys ruficapillus*
 Glistening-green, see *Chlorochrysa phoenicotis*
 Golden-crowned, see *Iridisornis rufivertex*
 Masked Mountain, see *Buthraupis wetmorei*
 Orange-eared, see *Chlorochrysa calliparaea* [*calliparaea*]
 Scarlet, see *Piranga olivacea*
 Shrike-like, see *Neothraupis fasciata*
 Summer, see *Piranga rubra*
- Tangara vassorii*, 572–580
- taxonomy
 history, structure, evolution, behavior, distribution, and ecology of the extinct Hawaiian genus *Ciridops* (Fringillidae, Carduelini, Drepanidini), 651–674
- Telecanthura ussheri*, 807
- Telespiza* spp., 661
- Temeles, Ethan J., see Gowda, Vinita, ———, and W. John Kress
- Terentotriccus* spp., 432
- Tern, Arctic, see *Sterna paradisaea*
 Black, see *Chlidonias niger*
 Bridled, see *Onychoprion anaethetus*
 Caspian, see *Hydroprogne caspia*
 Common, see *Sterna hirundo*
 Forster's, see *Sterna forsteri*
 Gull-billed, see *Gelochelidon nilotica*
 Least, see *Sternula antillarum*
 Roseate, see *Sterna dougallii*
 Royal, see *Thalasseus maximus*
 Sandwich, see *Thalasseus sandvicensis*
 Sooty, see *Onychoprion fuscatus*
- Tessler, David F., see Johnson, James A., Steven M. Matsuoka, ———, Russell Greenberg, and James W. Fox
- Teta, Pablo, Carina Herculini, and Gerardo Cueto, Variation in the diet of Western Barn Owls (*Tyto alba*) along an urban-rural gradient, 589–596
- Tetrastes sewerzowi*, 328–337
 spp., 335
- Thalasseus maximus*, 68–71
sandvicensis, 68
- Thalurania glaucopsis*, 110
 spp., 106
- Thamnophilus praecox*, 23
- Theraphosa* spp., 351
- Thomas, Betsy Trent, see Collins, Charles T. and ———
- Thompson III, Frank R., Mark B. Robbins, and Jane A. Fitzgerald, Landscape-level forest cover is a predictor of Cerulean Warbler abundance, 721–727
- Thompson, Jonathan E., see James, J. Dale, ———, and Bart M. Ballard
- Thornbill, Inland, see *Acanthiza apicalis*
- Thornbird, Rufous-fronted, see *Phacellodomus rufifrons*
- Thrasher, Curve-billed, see *Toxostoma curvirostre*
- Thraupis abbas*, 571
episcopus, 571
- Threskiornis moluccus*, 606
- Thripophaga cherriei*, 18, 22
- Thrush, Bicknell's, see *Catharus bicknelli*

- Clay-colored, see *Turdus grayi*
 Creamy-bellied, see *Turdus amaurochalinus*
 Hermit, see *Catharus guttatus*
 Japanese, see *Turdus cardis*
 Pale-breasted, see *Turdus leucomelas*
 Rufous-backed, see *Turdus rufopalliatus*
 Rufous-bellied, see *Turdus rufiventris*
 Swainson's, see *Catharus ustulatus*
 Varied, see *Ixoreus naevius*
 Wood, see *Hylocichla mustelina*
Thryomanes bewickii, 348
Thunnus albacares, 601
Thylamys elegans, 741
 Tillman, Eric A., see Michael L. Avery, ———, Kandy L. Keacher, John E. Arnett, and Kelli J. Lundy
 Tit, Eurasian Blue, see *Cyanistes caeruleus*
 Great, see *Parus major*
 Marsh, see *Poecile palustris*
 Willow, see *Poecile montanus*
 Titmouse, Bridled, see *Baeolophus wollweberi*
 Oak, see *Baeolophus inornatus*
 Tufted, see *Baeolophus bicolor*
 Tit-Spinetail, Plain-mantled, see *Leptasthenura aegithaloides*
 Tit-Tyrant, Tufted, see *Anairetes parulus*
Tityra inquisitor, 571
 semifasciata, 571
 spp., 432
 Tobin, Audrey L., see Hubbard, Joanna K. and ———
Todirostrum cinereum, 347
 Tody-Flycatcher, Common, see *Todirostrum cinereum*
Tolmomyias sulphurescens, 547–557
 Tonra, Christopher M., see Croston, Rebecca, ———, Sacha K. Heath, and Mark E. Hauber
Topaza pella, 111
 pyra pyra, 22
 Toucan, Keel-billed, see *Ramphastos sulfuratus*
 Towhee, Eastern, see *Pipilo erythrophthalmus*
 Spotted, see *Pipilo maculatus*
Toxostoma curvirostre, 518
Trachurus lathami, 70
 Treerunner, Pearled, see *Margarornis squamiger*
 Trent, John A., see Vogt, David F., Mark E. Hopey, G. Rad Mayfield III, Eric C. Soehren, Laura M. Lewis, ———, and Scott A. Rush
Trichosurus vulpecula, 518
Tringa flavipes, 42–43, 45–46, 48
 melanoleuca, 42–46, 48
 solitaria, 42–45, 48
Troglodytes aedon, 348, 387, 593
 aedon chilensis, 531–537, 740
 hiemalis, 270, 274, 348
 pacificus, 148, 270–276
 solstitialis, 572–580
 troglodytes, 270, 364
Trogon personatus, 572–580
 sp., 815
 Tropicbird, Red-billed, see *Phaethon aethereus*
 White-tailed, see *Phaethon lepturus*
 Trumpeter, Grey-winged, see *Psophia crepitans ochroptera*
 trunkfish, see *Lactophrys* sp.
Tryngites subruficollis, 42–43, 47
 Tumblison, Renn, Unusual foraging tactics by a Red-tailed Hawk in an urban environment, 818–820
 tuna, yellowfin, see *Thunnus albacares*
Tupinambis spp., 93
Turdus amaurochalinus, 133–138
 cardis, 451
 grayi, 446–453, 564, 571, 613
 leucomelas, 611–614
 merula, 451, 521
 migratorius, 266–267, 451, 516, 775, 777, 779, 791
 rufiventris, 139, 593
 rufopalliatus, 451
 spp., 519
 Turkey, Wild, see *Meleagris gallapavo*
 Turnstone, Ruddy, see *Arenaria interpres*
 Tye, Alan, see Carrión-Tacuri, Jorge, Regina Berjano, Giovanni Guerrero, Enrique Figueroa, ———, and Jesús M. Castillo
Tympanuchus cupido, 96, 98, 101, 185–187
 pallidicinctus, 27–28, 96–105
 phasianellus, 96
 Tyrannulet, Golden-faced, see *Zimmerius chrysops*
 White-banded, see *Mecocerculus stictopterus*
 White-throated, see *Mecocerculus leucophrys*
Tyrannus forficatus, 27–28, 571
 melancholicus, 171, 570
 savana, 571
 tyrannus, 27–28
 Tyrant, Crested Black, see *Knipolegus lophotes*
 Rufous-webbed Bush, see *Polioxolmis rufipennis*
 Smoky Bush, see *Myiotheretes fumigatus*
 Streak-throated Bush, see *Myiarchus striaticollis*
Tyto alba, 415, 589–596
- ## U
- Uejima, Angelica Maria Kazue, Andrea Larissa Boesing, and Luiz dos Anjos, Breeding and foraging variation of the Plush-crested Jay (*Cyanocorax chrysops*) in the Brazilian Atlantic Forest, 87–95
 Ula-ai-hawane (Ulaaihawane, Ula-ai-hāwane, Ulu-ai-hawane), see *Ciridops anna*
 Ulyshen, Michael D., see Moorman, Christopher E., Liessa T. Bowen, John C. Kilgo, James L. Hanula, Scott Horn, and ———
Upupa epops, 12
 spp., 336
Uraeginthus angolensis, 349
Uria aalge, 247
Urocyon cinereoargenteus, 283
Urothraupis stolzmanni, 572–580
- ## V
- Valencia, Giovanni, see Ocampo, David, M. Camila Estrada-F, Jenny M. Muñoz, Laura V. Londoño, Santiago David, ———, Paula A. Morales, Jaime A. Garizábal, and Andrés M. Cuervo
 van der Wal, Hans, Beatriz Peña-Álvarez, Stefan L. Arriaga-Weiss, and Salvador Hernández-Daumás, Species, functional groups, and habitat preferences

- of birds in five agroforestry classes in Tabasco, Mexico, 558–571
- Vanden Berge, James C., see Zhang, Zihui, ———, and Yue Hua Sun
- Vanellus chilensis*, 42–43, 47
- Vargas-Castro, Luis E., Natalie V. Sánchez, and Gilbert Barrantes, Repertoire size and syllable sharing in the song of the Clay-colored Thrush (*Turdus grayi*), 446–453
- Vásquez, Rodrigo A., see Ippi, Silvina, ———, Juan Moreno, Santiago Merino, and Camila P. Villavicencio
- Vásquez, Rodrigo A., see Quilodrán, Claudio, S., ———, and Cristián F. Estades
- Veery, see *Catharus fuscescens*
- Veniliornis lignarius*, 634
- Vermivora bachmanii*, 728
- chrysoptera*, 33
- cyanoptera*, 33
- Vestiaria coccinea*, 483, 651–674
- spp., 654–655, 660, 665
- Vilella, Francisco J. and Wyatt F. Nimitz, Spatial dynamics of the Red-tailed Hawk in the Luquillo Mountains of Puerto Rico, 758–766
- Vilella, Francisco J., see Mitchell, Kristina L., Samuel K. Riffell, L. Wes Burger Jr., and ———
- Villavicencio, Camila P., see Ippi, Silvina, Rodrigo A. Vásquez, Juan Moreno, Santiago Merino, and ———
- Vireo atricapilla*, 277–285, 748
- bairdi*, 743–749
- caribaeus*, 746–748
- crassirostris*, 746–747
- flavifrons*, 571
- griseus*, 33, 348, 571, 747–748
- latimeri*, 747–748
- magister*, 748
- magister magister*, 748
- olivaceus*, 33, 217–229, 268
- pallens*, 746–747
- philadelphicus*, 217–229
- solitarius*, 33, 217–229, 267
- Vireo, Black-capped, see *Vireo atricapilla*
- Blue-headed, see *Vireo solitarius*
- Cozumel, see *Vireo bairdi*
- Mangrove, see *Vireo pallens*
- Philadelphia, see *Vireo philadelphicus*
- Puerto Rican, see *Vireo latimeri*
- Red-eyed, see *Vireo olivaceus*
- San Andres, see *Vireo caribaeus*
- Thick-billed, see *Vireo crassirostris*
- White-eyed, see *Vireo griseus*
- Yucatan, see *Vireo magister*
- Vireosylva* spp., 743
- Viridonia* spp., 667
- vocalization
- acoustic competition at dawn and dusk for *Catharus fuscescens*, 265–269
- female song in *Geothlypis trichas*, 370–374
- for *Hylomanes momotula* in Costa Rica, 815–817
- Gavia immer* territorial yodels, 73–80
- historic presence and absence of predator affects call structure of *Poecile atricapillus*, 750–757
- of *Accipiter poliogaster*, 767–774
- repertoire size and syllable sharing in the song of *Turdus grayi*, 446–453
- winter songs reveal geographic origin of migratory seedeaters (*Sporophila* spp.) in southern neotropical grasslands, 688–697
- Zosterops lateralis* song differentiation in an island-mainland comparison, 454–466
- Vogt, David F., Mark E. Hopey, G. Rad Mayfield III, Eric C. Soehren, Laura M. Lewis, John A. Trent, and Scott A. Rush, Stopover site fidelity by Tennessee Warblers at a southern Appalachian high-elevation site, 366–370
- Volatinia jacarina*, 571, 613
- vole, common, see *Microtus arvalis*
- southern red-backed, see *Clethrionomys gapperi*
- Voss, Margaret A., review, Avian architecture. How birds design, engineer, and build, by Peter Goodfellow, 644–645
- Vulture, Black, see *Coragyps atratus*
- King, see *Sarcoramphus papa*
- Turkey, see *Cathartes aura*

W

- Walcott, Charles, see Mager III, John N., ———, and Walter H. Piper
- Warbler, Aquatic, see *Acrocephalus paludicola*
- Bachman's, see *Vermivora bachmanii*
- Black-and-white, see *Mniotilta varia*
- Blackburnian, see *Setophaga fusca*
- Blackpoll, see *Setophaga striata*
- Black-throated Blue, see *Setophaga caerulescens*
- Black-throated Green, see *Setophaga virens*
- Blue-winged, see *Vermivora cyanoptera*
- Canada, see *Cardellina canadensis*
- Cape May, see *Setophaga tigrina*
- Cerulean, see *Setophaga cerulea*
- Chestnut-sided, see *Setophaga pensylvanica*
- Dusky, see *Phylloscopus fuscatus*
- Golden-winged, see *Vermivora chrysoptera*
- Hooded, see *Setophaga citrina*
- Kentucky, see *Geothlypis formosa*
- Kirtland's, see *Setophaga kirtlandii*
- Magnolia, see *Setophaga magnolia*
- Mourning, see *Geothlypis philadelphia*
- Nashville, see *Oreothlypis ruficapilla*
- Pine, see *Setophaga pinus*
- Prairie, see *Setophaga discolor*
- Prothonotary, see *Protonotaria citrea*
- Savi's, see *Locustella lusciniodes*
- Swainson's, see *Limothlypis swainsonii*
- Tennessee, see *Oreothlypis peregrina*
- Virginia's, see *Oreothlypis virginiae*
- Willow, see *Phylloscopus trochilus*
- Wilson's, see *Cardellina pusilla*
- Worm-eating, see *Helminthos vermivorum*
- Yellow, see *Setophaga* [*Setophaga*] *petechia*
- Yellow-rumped, see *Setophaga coronata*
- Yellow-throated, see *Setophaga* [*Setophaga*] *dominica*

- Washburn, Brian E., Martin S. Lowney, and Allen L. Gosser, Historical and current status of Laughing Gulls breeding in New York State, 525–530
- Wasserman, Fred E., see Bauböck, Lisa, Abraham J. Miller-Rushing, Richard B. Primack, Trevor L. Lloyd Evans, and ———
- Waterthrush, Northern, see *Parkesia noveboracensis*
- Waxbill, Blue, see *Uraeginthus angolensis*
- Waxwing, Cedar, see *Bombycilla cedrorum*
- weasel, Japanese, see *Mustela itatsi*
- weaver, orb, see *Mastophora* sp.
- Weaver, Red-headed, see *Anaplectes rubriceps*
- Wegman, Ann R., see Dykstra, Cheryl R., Jeffrey L. Hays, Melinda M. Simon, and ———
- Werner, Jacob R., review, Emerging avian disease, edited by Ellen Paul, 833–834
- Wester, David B., see Roberts, Anthony J., Clint W. Boal, ———, Sandra Rideout-Hanzak, and Heather A. Whitlaw
- whale, humpback, see *Megaptera novaeangliae*
- Wheatear, Northern, see *Oenanthe oenanthe*
- Wheeler, Hazel E., A new method for trapping Chimney Swifts and other birds that nest in vertical hollows, 802–807
- Whimbrel, see *Numenius phaeopus*
- Whistling-Duck, Black-bellied, see *Dendrocygna autumnalis*
- White, Gary C., see Jones, Stephanie L. and ———
- White, Jennifer D., see Ewert, David N., Kimberly R. Hall, Joseph M. Wunderle Jr., Dave Currie, Sarah M. Rockwell, Scott B. Johnson, and ———
- White, William J., see McNew, Lance B. and ———
- Whitehead, see *Mohoua albicilla*
- Whitestart, Golden-fronted, see *Myioborus ornatus*
- Whitethroat, Lesser, see *Sylvia curruca*
- Whitlaw, Heather A., see Behney, Adam C., Blake A. Grisham, Clint W. Boal, ———, and David A. Haukos
- Whitlaw, Heather A., see Roberts, Anthony J., Clint W. Boal, David B. Wester, Sandra Rideout-Hanzak, and ———
- Wiebe, Karen L., see Gow, Elizabeth A. and ———
- Wilkins, R. Neal, see Smith, Kathryn N., James W. Cain III, Michael L. Morrison, and ———
- Wischoff, Uschi, Fernando Marques-Santos, and Marcos Rodrigues, Nesting of the Cinereous Warbling Finch (*Poospiza cinerea*) in southeastern Brazil, 166–169
- Wood, Petra Bohall and Kelly A. Perkins, Behavioral activities of male Cerulean Warblers in relation to habitat characteristics, 497–505
- Woodcreeper, Ivory-billed, see *Xiphorhynchus flavigaster*
- Narrow-billed, see *Lepidocolaptes angustirostris*
- Spot-crowned, see *Lepidocolaptes affinis*
- Streak-headed, see *Lepidocolaptes souleyetii*
- Wedge-billed, see *Glyphorhynchus spirurus*
- Wood-nymph, Violet-capped, see *Thalurania glaucopsis*
- Woodpecker, Gila, see *Melanerpes uropygialis*
- Golden-fronted, see *Melanerpes aurifrons*
- Hairy, see *Picoides villosus*
- Ivory-billed, see *Campophilus principalis*
- Lineated, see *Dryocopus lineatus*
- Red-bellied, see *Melanerpes carolinus*
- Red-cockaded, see *Picoides borealis*
- Red-headed, see *Melanerpes erythrocephalus*
- Striped, see *Veniliornis lignarius*
- Wood-Pewee, Eastern, see *Contopus virens*
- Wren, Bewick's, see *Thryomanes bewickii*
- Eurasian, see *Troglodytes troglodytes*
- House, see *Troglodytes aedon*
- Marsh, see *Cistothorus palustris*
- Pacific, see *Troglodytes pacificus*
- Southern House, see *Troglodytes aedon chilensis*
- Winter, see *Troglodytes hiemalis*
- Wright, Timothy F., see Pease, Shannon M., Alejandro Salinas-Melgoza, Katherine Renton, Patricia Escalante, and ———
- Wuczynski, Andrzej, Prolonged incubation and early clutch reduction of White Storks (*Ciconia ciconia*), 362–366
- Wunderle Jr., Joseph M., review, Aves de Cuba, by Orlando H. Garrido and Arturo Kirkconnell, 420–421
- Wunderle Jr., Joseph M., see Ewert, David N., Kimberly R. Hall, ———, Dave Currie, Sarah M. Rockwell, Scott B. Johnson, and Jennifer D. White

X

- Xema sabini*, 68–69, 71
- Xenopsaris, White-naped, see *Xenopsaris albinucha*
- Xenopsaris albinucha*, 432
- Xiphorhynchus flavigaster*, 177

Y

- Yang, Jun-Xing, see Liu, Qiang, Feng-Shan Li, Paul Buzzard, Fa-Wen Qian, Fan Zhang, Jian-Lin Zhao, ———, and Xiao-Jun Yang
- Yang, Xiao-Jun, see Liu, Qiang, Feng-Shan Li, Paul Buzzard, Fa-Wen Qian, Fan Zhang, Jian-Lin Zhao, Jun-Xing Yang, and ———
- Yellowhead, see *Mohoua ochrocephala*
- Yellowlegs, Greater, see *Tringa melanoleuca*
- Lesser, see *Tringa flavipes*
- Yellowthroat, Common, see *Geothlypis trichas*
- Yosef, Reuven, Assaf Zvuloni, and Nufar Yosef-Sukenik, House Crow (*Corvus splendens*) attempt to cooperatively kleptoparasitize Western Osprey (*Pandion haliaetus*), 406–408
- Yosef-Sukenik, Nufar, see Yosef, Reuven, Assaf Zvuloni, and ———

Z

- Zenaida asiatica*, 570, 632
- auriculata*, 593
- macroura*, 27–28
- Zhang, Fan, see Liu, Qiang, Feng-Shan Li, Paul Buzzard, Fa-Wen Qian, ———, Jian-Lin Zhao, Jun-Xing Yang, and Xiao-Jun Yang
- Zhang, Zihui, James C. Vanden Berge, and Yue Hua Sun, Descriptive anatomy of the pelvic appendage myology of the endemic Chinese Grouse (*Tetrastes sewerzowi*), 328–337
- Zhao, Jian-Lin, see Liu, Qiang, Feng-Shan Li, Paul Buzzard, Fa-Wen Qian, Fan Zhang, ———, Jun-Xing Yang, and Xiao-Jun Yang

Zimmerius chrysops, 812–815

Zonotrichia albicollis, 217–229

atricapilla, 702

capensis, 554

Zosterops lateralis chlorocephalus, 456, 463

lateralis chloronotus, 455

lateralis gouldi, 454–466

lateralis lateralis, 467–477

Zvuloni, Assaf, see Yosef, Reuven, ———, and Nufar
 Yosef-Sukenik