

INDEX TO VOLUME 108, 1996

BY KATHLEEN G. BEAL

This index includes references to genera, species, authors, and key words or terms. In addition to avian species, references are made to the scientific names of all vertebrates mentioned within the volume and other taxa mentioned prominently in the text. Common names are as they appear in the volume unless otherwise specified. Reference is made to books reviewed, and announcements as they appear in the volume.

- abundance
 effects of field age on, 760–770
 in riparian zones in the Cascade Mountains, Oregon, 280–291
- Accipiter cooperii*, 236
- Acrobatornis fonsecai* gen. nov., sp. nov., 397–433
 (Frontispiece), 434–448
- Acrocephalus arundinaceus*, 513
 luscina, 246–267
- Actitis macularia*, 191, 535, 537
- addendum, 204
- Aegolius acadicus*, 123–128
 funereus, 127
- Aerodramus vanikorensis*, 247, 258
- Agelaius [assimilis]*, 372–374
 phoeniceus, 184, 372–374, 543, 573–583, 687, 689, 764, 766, 768
- Agosia chrysogaster*, 377
- Aimophila aestivalis*, 190, 474
- Aix sponsa*, 62, 69, 701
- Akekee, see *Loxops caeruleirostris*
- Akepa, see *Loxops coccineus*
- Akiapolaau, see *Hemignathus munroi*
- Akikiki, see *Oreomystis bairdi*
- Alauahio, Maui, see *Paroreomyza montana*
- Alces alces*, 171
- Alden, Peter, review by, 390–391, 391–393
- Allen, Paul E., Breeding biology and natural history of the Bahama Swallow, 480–495
- Alophoixus phaeocephalus*, 171
- Amakihi, Common, see *Hemignathus virens*
 Kauai, see *Hemignathus stejnegeri*
- Amazilia rutila*, 168
- Amazilia versicolor*, 9
 violiceps, 228–245
- Amazona vittata*, 159–163, 164–166
- Amblycercys holosericeus*, 225
- Anas acuta*, 69
 clypeata, 187
 crecca, 187
 cyanoptera, 187
 discors, 145
 fulvigula, 187–189
 platyrhynchos, 68, 69, 187, 557, 766
 rubripes, 187
 strepera, 145, 187
- Andrews, Brenda J., Marie Sullivan, and J. David Hoerath, Vermilion Flycatcher and Black Phoebe feeding on fish, 377–378
- Ani, Groove-billed, see *Crotophaga sulcirostris*
- Anianiau, see *Hemignathus parvus*
- Ankney, C. Davison, see Leafloor, James O., John E. Thompson, and —
announcement
- The atlas of southern African birds, publication information, 603
- Anolis* sp., 176
- Anthony, Robert G., Gregory A. Green, Eric D. Forsman, and S. Kim Nelson, Avian abundance in riparian zones of three forest types in the Cascade Mountains, Oregon, 280–291
- Anthracothorax nigricollis*, 9
- Antshrike, Barred, see *Thamnophilus doliatus*
- Anumbius annumbi*, 375, 447
 spp., 447
- Anous stolidus*, 317–334
 tenuirostris, 332
- Anser albifrons*, 154–159
 anser, 155, 369
- Apapane, see *Himatione sanguinea*
- Aphelocoma californica*, 712–727
 ultramarina, 236, 724

- Aplonis opaca, 246–267
Aptenodytes patagonicus, 78
Aquila adalberti, 354
Archilochus alexandri, 228–245, 542
 colubris, 168, 498
Ardea cocoi, 526
 herodias occidentalis, 342, 354, 355
Arenaria interpres, 330, 783–796
Arendt, Wayne J., see Meyers, J. Michael,
 _____, and Gerald D. Lindsey
Arnold, Keith A., see Dickinson, Vanessa
 M., and _____
Asio otus, 127
Asthenes anthoides, 420
 baeri, 397–433
 dorbignyi, 397–433
 luizae, 447
 patagonica, 397–433, 445
 spp., 397–433, 434–448
Atlapetes rufinucha, 223
Atwood, Jonathan L., Christopher C. Rimmer, Kent P. McFarland, Sophia H. Tsai, and Laura R. Nagy, Distribution of Bicknell's Thrush in New England and New York, 650–661
Atwood, Jonathan L., see Rimmer, Christopher C., _____, Kent P. McFarland, and Laura R. Nagy
awards and grants
 Biological Research Station of the Edmund Niles Huyck Preserve, 603
 North American Bluebird Society, 602
Aythya affinis, 380–381, 556–566
 ferina, 556, 563
 fuligula, 561, 563
 marila, 380–381, 563
Baker, Myron C., Female buntings from hybridizing populations prefer conspecific males, 771–775
Baltosser, William H., Nest attentiveness in hummingbirds, 228–245
Bananaquit, see Coereba flaveola
Barrow, Mark V., Jr., review by, 200–201
Barth, Robert H., Jr., see Whitney, Bret M., José Fernando Pacheco, Paulo Sérgio Moreira da Fonseca, and _____
Bartramia longicauda, 783–796
bear, black, see Ursus americanus
Becard, Black-capped, see Pachyramphus marginatus
Chestnut-crowned, see Pachyramphus castaneus
Rose-throated, see Pachyramphus aglaiae
Bedell, Paul A., Evidence of dual breeding ranges for the Sedge Wren in the central great plains, 115–122
behavior
 avoidance
 of cabbage fields by Chen caerulescens, 369–371
breeding
 cooperation in Wilsonia citrina, 382–384
 of Charadrius montanus in Colorado, 28–35
 of Dendroica cerulea, 673–684
caching
 in wintering Melanerpes erythrocephalus, 740–747
courtship
 of Dendroica chrysoparia, 591–592
drinking
 by Pinicola enucleator, 186–187
feeding
 of radio tagged Aythya affinis, 556–566
 on fish by Pyrocephalus rubinus and Sayornis nigricans, 377–378
foraging
 of sympatric Chen caerulescens, Anser albifrons, and Branta canadensis, 154–159
 use of coastal agricultural fields by shorebirds, 783–796
mate choice
 of female Passerina cyanea and Passerina amoena in hybridizing population, 771–775
nesting
 of Melamprosops phaeosoma, 620–638
singing
 effect of removal of mate on female Cardinalis cardinalis, 550–555
vocal
 of Catharus bicknelli, 639–649
Best, Louis B., see Gionfriddo, James P., and _____
Best, Louis B., see Mitchell, Mary Crowe, _____, and James P. Gionfriddo
Bevier, Louis R., (ed.), The atlas of breeding birds of Connecticut, 595–596

- Bildstein, Keith L., reviews by, 593–594, 594
- Bittern, Yellow, see *Ixobrychus sinensis*
- Blackbird, Brewer's, Red-winged, see *Agelaius phoeniceus*
- Bleier, William J., see Homan, H. Jeffrey, George M. Linz, —, and Robert B. Carlson
- Blem, C. R., reviews by, 197, 198, 393, 809
- Block, William M., Michael L. Morrison, and M. Hildegard Reiser, (eds.), *The Northern Goshawk: ecology and management*, reviewed, 593–594
- Bobolink, see *Dolichonyx oryzivorus*
- Bobwhite, Northern, see *Colinus virginianus*
- Bodsworth, Fred, *Last of the curlews*, reviewed, 393–394
- body mass
changes during nesting and brood rearing in female *Bucephala clangula*, 61–71
of fall migrant *Clangula hyemalis*, 567–572
- Bombus* sp., 236
- Bombycilla cedrorum*, 126, 186, 381–382, 687, 688, 691
- garrulus*, 125, 186
- spp.*, 125
- Bonasa umbellus*, 129–136, 733
- Bornschein, Marcos R., and Bianca L. Reiner, *The Andean Flamingo (Phoenicoparrus andinus) in Brazil*, 807–808
- Bos taurus*, 236
- Bradley, Patricia, *Birds of the Cayman Islands*, reviewed, 198
- Branta canadensis*, 154–159
leucopsis, 155
- Brauning, Daniel W., review by, 596–597
- breeding
biology
of *Anous stolidus* in Hawaii, 317–334
of *Jabiru mycteria* in Venezuela, 524–534
of *Parus montanus* in northeastern Siberia, 80–93
of *Polyborus [Caracara] plancus*, 516–523
of *Tachycineta cyaneoviridis*, 480–495
- cooperative
in *Wilsonia citrina*, 382–384
- range
evidence of dual distribution for *Cistothorus platensis*, 115–122
- Brodhead, Michael J., see Tomer, John S., and —
- Bronson, C. L., see Doherty, Paul F., Jr., Thomas C. Grubb, Jr., and —
- Brumfield, Robb T., and J. V. Remsen, Jr., *Geographic variation and species limits in Cinnycerthia wrens of the Andes*, 205–227
- Bubo virginianus*, 127
- Bubulcus ibis*, 171, 342
- Bucephala clangula*, 61–71
- Buckelew, Albert, Jr., and George A. Hall, *The West Virginia breeding bird atlas*, reviewed, 596–597
- Bulbul, Yellow-bellied, see *Alophoixus phaeocephalus*
- bumblebee, see *Bombus* sp.
- Bunting, Indigo, see *Passerina cyanea*
Lazuli, see *Passerina amoena*
Painted, see *Passerina ciris*
- Buphagus africanus*, 170
erythrorynchus, 170
- Burt, D. Brent, *Habitat-use patterns in cooperative and non-cooperative breeding birds: testing predictions with Western Scrub-Jays*, 712–727
- Buteo albicaudatus*, 521
jamaicensis, 357–368
lineatus, 357–368, 681
playpterus, 498
- Butler, Robert W., Francisco S. Delgado, Horacio de la Cueva, Victor Pulido, and Brett K. Sandercock, *Migration routes of the Western Sandpiper*, 662–672
- Cacholote, Brown, see *Pseudoseisura lophotes*
Rufous, see *Pseudoseisura cristata*
- Cacique, Yellow-billed, see *Amblycercus holosericeus*
- Calidris alba*, 191
alpina, 783–796
bairdii, 788
canutus, 788
fuscicollis, 634
mauri, 662–672, 788, 792
melanotos, 788, 790, 792

- minutilla, 786, 788
pusilla, 190, 191, 783–796
- Calocitta spp., 724
- Calothorax lucifer, 228
- Calypte anna, 241
costae, 228, 241
- camel, see *Camelus dromedarius*
- Camelus dromedarius*, 171
- Campa, Henry, III, see Millenbah, Kelly F., Scott R. Winterstein, —, Ly T. Furrow, and Richard B. Minnis
- Campylopterus hemileucurus, 241
- Campylorhynchus rufinucha, 168
- Canastero, Austral, see *Asthenes anthoides*
Cipo, see *Asthenes luizae*
Creamy-breasted, see *Asthenes dorbignii*
Patagonian, see *Asthenes patagonica*
Short-billed, see *Asthenes baeri*
- Canis familiaris, 295
latrans, 156, 292, 299
- capybara, see *Hydrochaeris hydrochaeris*
- Caracara, Black, see *Daptrius ater*
Crested, see *Polyborus [Caracara] plancus*
Red-throated, see *Daptrius americanus*
Yellow-headed, see *Milvago chimachima*
- caracara, see *Milvago* spp.
- Cardinal, Northern, see *Cardinalis cardinalis*
- Cardinalis cardinalis*, 314, 550–555, 573–583, 689
- Carduelis pinus, 125, 186, 282, 283, 289
tristis, 125, 182–186
- Carib, Purple-throated, see *Eulampis jugularis*
- Carloss, Michael, see Johnson, William P., Frank C. Rohwer, and —
- Carlson, Robert B., see Homan, H. Jeffrey, George M. Linz, William J. Bleier, and —
- Carpodacus mexicanus, 125
- Carrie, N. Ross, Swainson's Warblers nesting in early seral pine forests in east Texas, 802–804
- Casmerodus albus, 526
- Cassie, Brian E., reviews by, 810–811, 811
- cat, civet, see *Civettictis civetta*
domestic, see *Felis domesticus*, *Felis catus*
- Catbird, Gray, see *Dumetella carolinensis*
- Catchpole, C. K., and P. J. B. Slater, Bird song: biological themes and variations, reviewed, 600–601
- Catharus bicknelli*, 639–649, 650–661
fuscescens, 190, 542
guttatus [*Hylocichla guttata*], 53, 313, 542, 688
minimus, 639
ustulatus, 168, 280–291, 542
- Catoptrophorus semipalmatus*, 783–796
- cattle, domestic, see *Bos taurus*
- cavity
use of artificial snags by woodpeckers, 449–456
- census methods
for *Catharus bicknelli*, 639–649
for populations of *Limnothlypis swainsonii* in Jamaica, 94–103
- Centeno, Marco V., see Siegel, Rodney B., and —
- Certhia americana*, 280–291
- Chaetura pelagica*, 542
- Chandler, Phil, and Gerald Driessens, Swifts, reviewed, 198
- Chapman, Brian R., see Kilgo, John C., Robert A. Sargent, —, and Karl V. Miller
- Chapman, Brian R., see Moorman, Christopher E., and —
- Charadrius alexandrinus*, 292–301
montanus, 28–35
semipalmatus, 191, 783–796
voiciferus, 191, 688, 783–796
- Chat, Yellow-breasted, see *Icteria virens*
- Chelydra serpentina*, 190–192
- chemoreception
in *Sturnus vulgaris*, 36–52
- Chen caerulescens*, 154–159, 369–371
canagica, 155
rossii, 154
- Chickadee, Black-capped, see *Parus atricapillus*
Carolina, see *Parus carolinensis*
Chestnut-backed, see *Parus rufescens*
Mountain, see *Parus gambeli*
- chicken, see *Gallus gallus*
- Chiffchaff, see *Phylloscopus collybita*
- chipmunk, eastern, see *Tamias striatus*
- Chlorostilbon alice*, 2
aureoventris, 2, 4
mellisugus, 1–27

- olivaresi sp. nov., 1–27 (Frontispiece)
- poortmanni, 2
- ricordii, 18
- stenura, 2
- Cholorcyclye amazona*, 168
- Chondestes grammacus*, 689
- Christie, David A., see Winkler, Hans,
—, and David Nursey
- Chrysemys picta*, 191
- Ciccaea virgata*, 780
- Ciconia maguari*, 526
- Cinnycerthia [fulva]*, 205–227
[olivascens], 205–227
- peruana, 205–227
- unirufa, 218
- Circus cyaneus*, 766
- Ciridops anna*, 616
- Cistothorus palustris*, 125
platensis, 115–122, 765, 766
- Civettictis civetta*, 369
- Clangula hyemalis*, 567–572
- Clark, Larry see Mason, J. Russell, and
—
- Clark, Larry, Trigeminal repellents do not promote conditioned odor avoidance in European Starlings, 36–52
- Cleptornis marchei*, 246–267
- coachwhip, western, see *Masticophis flagellum testaceus*
- coati, white-nosed, see *Nasua narica*
- Coccothraustes [Hesperiphona] vespertinus*, 125, 236, 280–291
- Coccyzus americanus*, 498, 688
- Coereba flaveola*, 412
- Colaptes auratus*, 125, 126, 542
- Colinus virginianus*, 129–136, 687, 688, 693, 733, 768
- colony-site
use by *Quiscalus quiscula*, 104–114
- Coluber constrictor flaviventris*, 314
- Columba leucocephala*, 354
livia, 688
- Columbina passerina*, 168, 573–583
talpacoti, 168
- community
breeding Neotropical migrants in riparian forests of varying widths, 496–506
seasonal populations in Micronesia, 246–267
- competition
effect of *Glaucomys volans* on nesting success in *Picoides borealis*, 697–711
- Conebill, Tamurugo, see *Conirostrum tamarugense*
- Conirostrum cinereum*, 268, 272
tamarugense, 268–279
- Conner, Richard N., and Daniel Saenz, Woodpecker excavation and use of cavities in polystyrene snags, 449–456
- Conner, Richard N., D. Craig Rudolph, Daniel Saenz, and Richard R. Schaefer, Red-cockaded Woodpecker nesting success, forest structure, and southern flying squirrels in Texas, 697–711
- Conner, Richard N., review by, 389
- conservation
effects of field age on abundance, diversity, productivity, 760–770
of *Conirostrum tamarugense* in northern Chile, 268–279
- Contopus borealis*, 282, 283, 287
sordidulus, 378–380
sp., 168
virens, 379, 498, 503, 542, 678, 749
- Cooper, Jerry A., Birdfinder: a birder's guide to planning North American trips, reviewed, 598
- Coot, Eurasian [European], see *Fulica atra*
- Coquette, White-crested, see *Lophornis adorabilis*
- Corvus albus*, 328
brachyrhynchos, 129–136, 462, 688
corax, 282, 283, 284
ossifragus, 573–583
- Coturnicops novoboracensis*, 119
- Coturnix coturnix*, 129–136, 294, 535–539
- Cowbird, Brown-headed, see *Molothrus ater*
Giant, see *Scaphidura oryzivora*
- coyote, see *Canis latrans*
- Craig, Robert J., Seasonal population surveys and natural history of a Micronesian bird community, 246–267
- Crane, Whooping, see *Grus americana*
- Cranioleuca albiceps*, 223–224, 397–433
curtata, 401, 418
gutturalis, 418
marcapatae, 223

- meulleri, 446
 pallida, 401, 412
pyrrhophia, 401, 402, 418, 445, 446
 spp., 397–433, 434–448
sulphurifera, 417
vulpina, 418
- Creeper, Brown, see *Certhia americana*
 Hawaii, see *Oreomystis mana*
- Crotophaga sulcirostris*, 168
- Crow, American [Common], see *Corvus brachyrhynchos*
- Fish, see *Corvus ossifragus*
 Pied, see *Corvus albus*
- Cuckoo, Striped, see *Tapera naevia*
 Yellow-billed, see *Coccyzus americanus*
- Curson, David R., Christopher B. Goguen,
 and Nancy E. Mathers, Nest-site re-use in the Western Wood-Pewee, 378–380
- Custer, Christine M., Thomas W. Custer, and
 Daniel W. Sparks, Radio telemetry documents 24-hour feeding activity of wintering Lesser Scaup, 556–566
- Custer, Thomas W., see Custer, Christine M.,
 _____, and Daniel W. Sparks
- Cutler, Norma G., see McIntyre, Judith W.,
 and _____
- Cyanocitta cristata*, 130, 133, 462, 681, 688, 724, 743
 stelleri, 282, 283, 284, 724
- Cyclarhis gujanensis*, 412
- Cynanthus latirostris*, 228–245
- Cyr, André, see Dunn, Erica H., Jacques Larivée, and _____
- da Fonseca, Paulo Sérgio Moreira, see Whitney, Bret M., José Fernando Pacheco, _____, and Robert H. Barth, Jr.
- dace, longfin, see *Agosia chrysogaster*
- Dacnis*, Blue, see *Dacnis cayana*
- Dacnis cayana*, 412
- Dallman, Matthew, see Smith, Robert, and _____
- Daptrius americanus*, 171
 ater, 171–175
- Davis, William E., Jr., and Jerome A. Jackson (eds.), Contributions to the history of North American Ornithology, reviewed, 198–200
- Davis, William E., Jr., reviews by, 193–194, 194, 196–197, 197, 197–198, 198,
- 385, 385–386, 393–394, 594–595, 595–596, 597–598, 598
- deer, brocket, see *Mazama americana*
 gray brocket, see *Mazama gouazoubira*
- DeGraaf, R. M., and T. J. Maier, Effect of egg size on predation by white-footed mice, 535–539
- Dekker, René W. R. J., see Jones, Darryl N.,
 _____, and Cees S. Roselaar
- de la Cueva, Horacio, see Butler, Robert W., Francisco S. Delgado, _____, Victor Pulido, and Brett K. Sandercock
- Delgado, Francisco S., see Butler, Robert W., _____, Horacio de la Cueva, Victor Pulido, and Brett K. Sandercock
- Dendrocygna autumnalis*, 145
 bicolor, 137–150
- Dendroica caeruleascens*, 57, 59, 98, 101, 178–180, 467–479, 542
 castanea, 542, 749
 cerulea, 673–684, 749
 coronata, 542, 687, 688, 692
 chrysoparia, 591–592
 discolor, 98, 313
 dominica, 498
 fusca, 542, 749
 magnolia, 168, 542
 occidentalis, 280–291
 palmarum, 101
 pensylvanica, 537, 542, 749
 petechia, 167, 167, 472, 475, 542, 749
 striata, 749
 tigrina, 542
 virens, 542, 588–591
- Dick, James A., and Ross D. James, Rufous crown feathers on adult male Tennessee Warblers, 181–182
- Dickcissel, see *Spiza americana*
- Dickinson, Vanessa M., and Keith A. Arnold, Breeding biology of the Crested Caracara in south Texas, 516–523
- Didelphis virginianus*, 130, 313, 462
- diet
 food availability and preferences of breeding *Dendrocygna bicolor*, 137–150
 grit-use patterns in North American birds, 685–696

- nutritional value of winter foods for *Grus americana*, 728–739
- of *Glaucidium gnoma* and *Aegolius acadicus* in west-central Montana, 123–128
- Diglossa carbonaria*, 225
- dispersal
- of juvenile *Egretta thula* and *Nycticorax nycticorax*, 342–356
- distribution
- of *Catharus bicknelli* in New England and New York, 650–661
- diversity
- effects of field age on, 760–770
- dog, domestic, see *Canis familiaris*
- Doherty, Paul F., Jr., Thomas C. Grubb, Jr., and C. L. Brown, Territories and caching-related behavior of Red-headed Woodpeckers wintering in a beech grove, 740–747
- Dolichonyx oryzivorus*, 543, 765
- Dove, Collared, see Javanese Turtle, see *Streptopelia bitorquata*
- Mourning, see *Zenaida macroura*
 - Rock, see *Columba livia*
 - White-throated Ground, see *Gallicolumba xanthonura*
- Dowitcher, Short-billed, see *Limnodromus griseus*
- Driessens, Gerald, see Chantler, Phil, and ———
- drinking
- by *Pinicola enucleator*, 186–187
- Droege, Sam, see Price, Jeff, ———, and Amy Price
- Dryocopus pileatus*, 282, 283, 287, 453, 699, 701
- Duck, American Black, see *Anas rubripes*
- Mottled, see *Anas fulvigula*
 - Tufted, see *Aythya fuligula*
 - Wood, see *Aix sponsa*
- Dumetella carolinensis*, 535, 542
- Dunlin, see *Calidris alpina*
- Dunn, Erica H., Jacques Larivée, and André Cyr, Can checklist programs be used to monitor populations of birds recorded during the migration season?, 540–549
- Dunn, Jon L., see Graves, Gary R., Michael A. Patten, and ———
- Dunne, Pete, Before the echo: essays on nature, reviewed, 197–198
- Eagle, Bald, see *Haliaeetus leucocephalus*
- Spanish Imperial, see *Aquila adalberti*
- Eberhard, Jessica R., Nest adoption by Monk Parakeets, 374–377
- ecology
- nesting
 - of *Acrobatornis fonsecai*, 434–448
 - of *Tyrannus forficatus*, 302–316
- Ecton, A. Marie, see Engilis, Andrew, Jr., Thane K. Pratt, Cameron B. Kepler, ———, and Kimberly M. Fluetsch
- Ecton, A. Marie, see Kepler, Cameron B., Thane K. Pratt, ———, Andrew Engilis, Jr., and Kimberly M. Fluetsch
- egg
- effect of type on depredation of ground nests, 129–136
- Egret, Cattle, see *Bubulcus ibis*
- Great, see *Casmerodius albus*
 - Snowy, see *Egretta thula*
- Egretta caerulea*, 342
- thula*, 342–356
- Elaenia*, Gray, see *Myiopagis caniceps*
- Elanoides forficatus*, 498, 503
- Elaphe obsoleta*, 573, 575, 681, 698
- obsoleta lindheimeri*, 592
- Elgood, J. H., et al., The birds of Nigeria, reviewed, 203–204
- Emerald, Chiribiquete, see *Chlorostilbon olivaresi*, sp. nov. (Frontispiece)
- Cuban, see *Chlorostilbon ricordii*
- versicolor, see *Amazilia versicolor*
- Empidonax difficilis*, 282, 283, 284, 289, 379
- flaviventris*, 542
 - hammondii*, 280–291
 - minimus*, 168, 542
 - sp., 168
 - traillii*, 184
 - virescens*, 190, 302, 496–506, 749
- Engilis, Andrew, Jr., see Kepler, Cameron B., Thane K. Pratt, A. Marie Ecton, ———, and Kimberly M. Fluetsch
- Engilis, Andrew, Jr., Thane K. Pratt, Cameron B. Kepler, A. Marie Ecton, and Kimberly M. Fluetsch, Description of adults, eggshells, nestling, fledgling, and nest of the Poo-uli, 607–619

- Equus zebra*, 171
Eremophila alpestris, 688, 690
errata, 192, 394, 603
 Erwin, R. Michael, John G. Haig, Daniel B. Stotts, and Jeff S. Hatfield, Dispersal and habitat use by post-fledging juvenile Snowy Egrets and Black-crowned Night-Herons, 342–356
 Estades, Cristián F., Natural history and conservation status of the Tamarugo Conebill in northern Chile, 268–279
Estrilda astrild, 442
Eucumes faciatus, 702
 laticeps, 702
Eudyptes chrysocome, 72–79
 chrysolophus, 78
Eugenys fulgens, 229, 236
Eulampis jugularis, 238, 239, 240, 241
Euphonia, Chestnut-bellied, see *Euphonia pectoralis*
 Violaceous, see *Euphonia violacea*
Euphonia pectoralis, 412
 violacea, 412
 Fairy-Wren, see *Malurus splendens*
Falco mexicanus, 151–153
 sparverius, 236, 701
 Falcon, Prairie, see *Falco mexicanus*
 Fantail, Rufous, see *Rhipidura rufifrons*
Felis catus, 632
 domesticus, 450
 Ficken, Millicent S., see Thumser, Nina N., Jeffrey D. Darron, and ———
Finch, House, see *Carpodacus mexicanus*
 Laysan, see *Telespiza cantans*
 Zebra, see *Poephila guttata*
 Firewood-gatherer, see *Anumbius annumbi*
 Flamingo, Andean, see *Phoenicoparrus andinus*
 Greater, see *Phoenicopterus ruber*
 Flaspohler, David J., Nesting success of the Prothonotary Warbler in the upper Mississippi River bottomlands, 457–466
 Flicker, Northern, see *Colaptes auratus*
 Flowerpiercer, Carbonated, see *Diglossa carbonaria*
 Fluetsch, Kimberly M., see Engilis, Andrew, Jr., Thane K. Pratt, Cameron B. Kepler, A. Marie Ecton, and ———
 Fluetsch, Kimberly M., see Kepler, Cameron B., Thane K. Pratt, A. Marie Ecton, Andrew Engilis, Jr., and ———
 Flycatcher, Acadian, see *Empidonax virescens*
 Ash-throated, see *Myiarchus cinerascens*
 Brown-crested, see *Myiarchus tyrannulus*
 Dusky-capped, see *Myiarchus tuberculifer*
 Great Crested, see *Myiarchus crinitus*
 Hammond's, see *Empidonax hammondi*
 La Sagra's, see *Myiarchus sagrae*
 Least, see *Empidonax minimus*
 Olive-sided, see *Contopus borealis*
 Pacific Slope, see *Empidonax difficilis*
 Scissor-tailed, see *Tyrannus forficatus*
 Vermilion, see *Pyrocephalus rubinus*
 Western, see *Empidonax difficilis*
 Willow, see *Empidonax traillii*
 Yellow-bellied, see *Empidonax flaviventris*
 Yellow-olive, see *Tolmomyias sulphureus*
 flycatcher, see *Empidonax* sp.
 food availability
 for breeding *Dendrocygna bicolor* in Louisiana ricefields, 137–150
 Forsman, Eric D., see Anthony, Robert G., Gregory A. Green, ———, and S. Kim Nelson
 Foss, Carol R., (ed.), *Atlas of breeding birds of New Hampshire*, reviewed, 195–196
 Fournier, Michael A., and James E. Hines, Nest sharing by a Lesser Scaup and a Greater Scaup, 380–381
 fox, gray, see *Urocyon cinereoargenteus*
 red, see *Vulpes vulpes*
 swift, see *Vulpes velox*
Fregata aquila, 330
 magnificens, 332
 minor, 326, 330, 332, 333
 Frigatebird, Ascension, see *Fregata aquila*
 Great, see *Fregata minor*
 Magnificent, see *Fregata magnificens*
 frog, gray tree, see *Hyla versicolor*, *Hyla chrysoscelis*
 Fruit-Dove, Mariana, see *Ptilinopus roseicapilla*
 Fulbright, Timothy E., see Nolte, Kenneth R., and ———
Fulica atra, 577

- Furrow, Ly T., see Millenbah, Kelly F., Scott R. Winterstein, Henry Campa III, —, and Richard B. Minnis
- Fussell, John O., III, A birder's guide to coastal North Carolina, reviewed, 196–197
- Gadwall, see *Anas strepera*
- Gallicolumba xanthonura, 246–267
- Gallinago gallinago, 788
- Gallus gallus, 129–136
- Garrido, Orlando, and Arturo Kirkconnell, Taxonomic status of the Cuban form of the Red-winged Blackbird, 372–374
- Garrido, Orlando H., see Kirkconnell, Arturo, George E. Wallace, and —
- Gawlik, Dale E., and R. Douglas Slack, Comparative foraging behavior of sympatric Snow Geese, Greater White-fronted Geese, and Canada Geese during the non-breeding season, 154–159
- gecko, see *Sphaerodactylus* sp.
- Gee, George F., see Nelson, Jay T., R. Douglas Slack, and —
- Gehlbach, Frederick R., The Eastern Screech-Owl: life history, ecology and behavior in the suburbs and countryside, reviewed, 201–202
- genus nova
- Acrobatornis fonsecai* gen. nov., sp. nov., 397–433
- geographic variation
- of Cinnycerthia wrens of the Andes, 205–227
- Geothlypis trichas*, 97, 102, 167, 168, 687, 688, 692
- Gionfriddo, James P., and Louis B. Best, Grit-use patterns in North American birds: the influence of diet, body size, and sex, 685–696
- Gionfriddo, James P., see Mitchell, Mary Crowe, Louis B. Best, and —
- Glaucidium gnoma*, 123–128
- Glaucomys volans*, 449, 450, 452, 697–711
- Gnatcatcher, Blue-gray, see *Polioptila caerulea*
- Goguen, Christopher B., see Curson, David R., —, and Nancy E. Mathews
- Golden-Plover, American, see *Pluvialis dominica*
- Goldeneye, Common, see *Bucephala clangula*
- Goldfinch, American, see *Carduelis tristis*
- Gonzaga, Luiz P., see Pacheco, José Fernández, Bret M. Whitney, and —
- González, José A., Breeding biology of the Jabiru in the southern Llanos of Venezuela, 524–534
- Goodbred, Catherine O'Neill, and Richard T. Holmes, Factors affecting food provisioning of nestling Black-throated Blue Warblers, 467–479
- Goodwin, Clive E., A bird-finding guide to Ontario, reviewed, 597–598
- Goose, Barnacle, see *Branta leucopsis*
- Canada, see *Branta canadensis*
- domestic, see *Anser anser*
- Emperor, see *Chen canagica*
- Graylag, see *Anser anser*
- Greater White-fronted, see *Anser albifrons*
- Ross', see *Chen rossii*
- Snow, see *Chen caerulescens*
- gopher, northern pocket, see *Thymomys talpoides*
- Grackle, Common, see *Quiscalus quiscula*
- Great-tailed, see *Quiscalus mexicanus*
- grants
- see awards and grants
- Grassquit, Blue-black, See *Volatinia ujacarina*
- Graves, Gary R., Censusing wintering populations of Swainson's Warblers: surveys in the Blue Mountains of Jamaica, 94–103
- Graves, Gary R., Michael A. Patten, and Jon L. Dunn, Comments on a probable gynandromorphic Black-throated Blue Warbler, 178–180
- Graveteiro, Pink-legged, see *Acrobatornis fonsecai* gen. nov., sp. nov. (Frontispiece)
- Graytail, Double-banded, see *Xenerpestes minlosi*
- Equatorial, see *Xenerpestes singularis*
- Green, Gregory A., see Anthony, Robert G., —, Eric D. Forsman, and S. Kim Nelson

- Gregory, Mark, see Koenen, Marcus, T., David M. Leslie, Jr., and —
- Griffin, Curtice R., see Megyesi, Jennifer L., and —
- Grosbeak, Black-headed, see *Pheucticus melanocephalus*
- Evening, see *Coccothraustes vespertinus*
- Pine, see *Pinicola enucleator*
- Rose-breasted, see *Pheucticus ludovicianus*
- Ground-Dove, Common, see *Columbina passerina*
- Ruddy, see *Columbina talpacoti*
- Grouse, Ruffed, see *Bonasa umbellus*
- Grubb, Thomas C., Jr., Doherty, Paul F., Jr., —, and C. L. Brown
- Grus americana*, 728–739
- Gull, Herring, see *Larus argentatus*
- Laughing, see *Larus atricilla*
- Ring-billed, see *Larus delawarensis*
- Gygis alba*, 332
- habitat
- change and nesting success in *Sterna antillarum* and *Charadrius alexandrinus*, 292–301
 - large tract and fragmented forest use by *Otus nudipes*, 776–782
 - use by juvenile *Egretta thula* and *Nycticorax nycticorax*, 342–356
 - use in cooperative and non-cooperative breeding birds, 712–727
 - use of coastal agricultural fields by shorebirds, 783–796
 - use of forest gaps by breeding *Dendroica virens*, 588–591
- Haig, John G., see Erwin, R. Michael, —, Daniel B. Stotts, and Jeff S. Hatfield
- Halcyon chloris*, 246–267
- Haliaeetus leucocephalus*, 156
- Hall, George A., review by, 195–196
- Hall, George A., see Bucklew, Albert, Jr., and —
- Hamerstrom, Frances, *My double life: memoirs of a naturalist*, 194–195
- Harper, Lee H., see Karwowski, Kenneth, J. Edward Gates, and —
- Harrier, Northern, see *Circus cyaneus*
- Hatfield, Jeff S., see Erwin, R. Michael, —
- John G. Haig, Daniel B. Stotts, and —
- Hawk, Broad-winged, see *Buteo platypterus*
- Cooper's, see *Accipiter cooperii*
- Red-shouldered, see *Buteo lineatus*
- Red-tailed, see *Buteo jamaicensis*
- White-tailed, see *Buteo albicaudatus*
- Helmitheros vermivorus*, 98, 101, 168, 176, 749
- Hemignathus munroi*, 614
- parvus*, 616
 - stejnegeri*, 616
 - virens*, 265, 616, 617, 631, 634, 635
- Hemithraupis ruficapilla*, 412
- Hermit, Little, see *Phaethornis longuemareus*
- Heron, Great White, see *Ardea herodias occidentalis*
- Little Blue, see *Egretta caerulea*
 - White-necked, see *Ardea cocoi*
- Herpestes auropunctatus*, 632
- Himatione sanguinea*, 265, 615, 616, 630, 631
- Hines, James E., see Fournier, Michael A., and —
- Hirundo rustica*, 168, 557, 687, 688, 691
- Hodges, Malcolm F., Jr., and David G. Krentz, Neotropical migratory breeding bird communities in riparian forests of different widths along the Altamaha River, Georgia, 496–506
- Hoerath, J. David, see Andrews, Brenda J., Marie Sullivan, and —
- Holmes, Richard T., see Goodbred, Catherine O'Neill, and —
- Holt, Denver W., and Leslie A. Leroux, Diets of Northern Pygmy-Owls and Northern Saw-whet Owls in west-central Montana, 123–128
- Holt, Denver W., review by, 201–202
- Hohman, William L., Timothy M. Stark, and Joseph L. Moore, Food availability and feeding preferences of breeding Fulvous Whistling-Ducks in Louisiana ricefields, 137–150
- Homan, H. Jeffrey, George M. Linz, William J. Bleier, and Robert B. Carlson, Colony-site and nest-site use by Common Grackles in North Dakota, 104–114

- Honeycreeper, Crested, see *Palmeria dolei*
 Honeyeater, Micronesian, see *Mysomela rubrata*
 Howell, Steve N. G., and Sophie Webb, A guide to the birds of Mexico and northern Central America, reviewed, 391-393
 Hummingbird, Allen's, see *Selasphorus sasin*
 Anna's, see *Calypte anna*
 Black-chinned, see *Archilochus alexandri*
 Broad-billed, see *Cynanthus latirostris*
 Broad-tailed, see *Selasphorus platycercus*
 Calliope, see *Stellula calliope*
 Cinnamon, see *Amazilia rutila*
 Costa's, see *Calypte costae*
 Lucifer, see *Calothorax lucifer*
 Magnificent, see *Eugenes fulgens*
 Ruby-throated, see *Archilochus colubris*
 Rufous, see *Selasphorus rufus*
 Scaly-breasted, see *Phaeochroa cuvierii*
 Violet-crowned, see *Amazilia violiceps*
 Violet-headed, see *Klais guimete*
 White-eared, see *Hylocharis leucotis*
 hybrid
 male preference in female *Passerina cyanea* and *Passerina amoena*, 771-775
Hydrochaeris hydrochaeris, 173
Hyla fasciatus, 702
 versicolor, 702
Hylocharis leucotis, 241
Hylocichla mustelina, 498, 536, 542
Icteria virens, 167, 168
Icterus cucullatus, 236
 galbula, 168, 543, 687, 689, 692, 749
Ictinia mississippiensis, 498
Iwi, see *Vestiaria coccinea*
 information for authors, 395-396, 604-605
Ixobrychus sinensis, 246-267
Ixoreus naevius, 280-291
Jabiru mycteria, 524-534
Jabiru, see *Jabiru mycteria*
 Jackson, Jerome A., review by, 386-387, 387-388
 Jackson, Jerome A., see Davis, William E., Jr., and ———
 James, Ross D., see Dick, James A., and ———
 Jay, Blue, see *Cyanocitta cristata*
 Gray, see *Perisoreus canadensis*
 Gray-breasted, see *Aphelocoma ultramarina*
 Stellar's, see *Cyanocitta stelleri*
 Western Scrub, see *Aphelocoma californica*
 Johnsgard, Paul A., Arena birds: sexual selection and behavior, reviewed, 193-194
 Johnsgard, Paul A., This fragile land. A natural history of the Nebraska sandhills, reviewed, 389-390
 Johnson, William P., Frank C. Rohwer, and Michael Carloss, Evidence of nest parasitism in Mottled Ducks, 187-189
 Jones, Darryl N., René W. R. J. Dekker, and Cees S. Roselaar, The megapodes Megapodiidae, reviewed, 811-812
Junco, Dark-eyed, see *Junco hyemalis*
Junco hyemalis, 125, 280-291, 543
Kakawahie, see *Paroreomyza flammea*
 Karron, Jeffrey D., see Thumser, Nina N., ———, and Millicent S. Ficken
 Kemp, Alan, The hornbills, reviewed, 386-387
 Kepler, Cameron B., see Engilis, Andrew, Jr., Thane K. Pratt, ———, A. Marie Ecton, and Kimberly M. Fluetsch
 Kepler, Cameron B., Thane K. Pratt, A. Marie Ecton, Andrew Engilis, Jr., and Kimberly M. Fluetsch, Nesting behavior of the Poo-uli, 620-638
 Kerlinger, Paul, How birds migrate, reviewed, 594
Kestrel, American, see *Falco sparverius*
 Kilgo, John C., Robert A. Sargent, Brian R. Chapman, and Karl V. Miller, Nest-site selection by Hooded Warblers in bottomland hardwoods of South Carolina
Killdeer, see *Charadrius vociferus*
 King, David I., Carnivory observed in the Cedar Waxwing, 381-382
Kingbird, Cassin's, see *Tyrannus vociferans*
 Eastern, see *Tyrannus tyrannus*
 Thick-billed, see *Tyrannus crassirostris*
Kingfisher, Amazon, see *Cholorceryle amazona*
 Collared, see *Halcyon chloris*

- Kinglet, Golden-crowned, see *Regulus satrapa*
kingsnake, see *Lampropeltis* spp.
Kirkconnell, Arturo, George W. Wallace, and Orlando H. Garrido, Notes on the status and behavior of the Swainson's Warbler in Cuba, 175–178
Kirkconnell, Arturo, see Garrido, Orlando, and —
Kite, American Swallow-tailed, see *Elanoides forficatus*
Mississippi, see *Ictinia mississippiensis*
Snail, see *Rostrhamus sociabilis*
Kiviat, Erik, American Goldfinch nests in purple loosestrife, 182–186
Klais guimeti, 241
klipspringer, see *Oreotragus oreotragus*, 171
Knopf, Fritz L., and Jeffery R. Rupert, Reproduction and movements of Mountain Plovers breeding in Colorado, 28–35
Knot, Red, see *Calidris canutus*
Koa-Finch, see *Rhodacanthis palmeri*
Koenen, Marcus, T., David M. Leslie, Jr., and Mark Gregory, Habitat changes and success of artificial nests on a alkaline flat, 292–301
Krementz, David G., see Hodges, Malcolm E., Jr., and —
Kricher, John C., review by, 193–194
Lagothris lagotricha cana, 172
Lampropeltis spp., 313
Larivée, Jacques, see Dunn, Erica H., —, and André Cyr
Lark, Horned, see *Eremophila alpestris*
LaRoe, Edward T., III, see Noss, Reed F., —, and J. Michael Scott
Larus argentatus, 557
 atricilla, 190
 delawarensis, 296
Leafloor, James O., John E. Thompson, and C. Davison Ankney, Body mass and carcass composition of fall migrant Oldsquaws, 567–572
Lefebvre, Gaëtan, and Brigitte Poulin, Abundance of migrant birds in relation to food resources in Caribbean and Pacific mangroves of Panama, 748–759
Leontopithecus chrysomelas, 430
Leroux, Lislie A., see Holt, Denver W., and —
Leslie, David M., Jr., see Koenen, Marcus, T., —, and Mark Gregory
Levi, Peter, Edward Lear: a biography, reviewed, 598–600
Limnodromus griseus, 788, 790, 792
Limnothlypis swainsonii, 94–103, 175–178, 498, 802–804
Lindsey, Gerald D., see Meyers, J. Michael, Wayne J. Arendt, and —
Linz, George M., see Homan, H. Jeffrey, —, William J. Bleier, and Robert B. Carlson
lizard, see *Anolis* sp.
Lockwood, Mark W., Courtship behavior of Golden-cheeked Warblers, 591–592
Lophornis adorabilis, 241
Loxoides bailleui, 614, 616, 631, 634, 635
Loxops caeruleirostris, 614
 coccineus, 615, 632
MacDougall-Shackleton, Scott, review by, 600–601
Magpie, Black-billed, see *Pica pica*
magpie-jay, see *Calocitta* spp.
Mahan, Carolyn G., see Yahner, Richard H., and —
Maier, T. J., see DeGraaf, R. M., and —
Mallard, see *Anas platyrhynchos*
Malurus splendens, 775
Mango, Black-throated, see *Anthracothorax nigricollis*
Margarornis bellus, 426
 spp., 397–433, 446
 squamiger, 397–433, 446
Martin, Purple, see *Progne subis*
Marzluff, John M., and Mary McFadzen, Do standardized brood counts accurately measure productivity?, 151–153
Mason, J. Russell, and Larry Clark, Avoidance of cabbage fields by Snow Geese, 369–371
Masticophis flagellum testaceus, 314
Mathews, Nancy E., see Curson, David R., Christopher B. Goguen, and —
Mazama americana, 173
 gouazoubira, 171–175
McClure, H. Elliot, Stories I like to tell: an autobiography, reviewed, 385–386

- McElroy, David B., and Gary Ritchison, Effect of mate removal on singing behavior and movement patterns of female Northern Cardinals, 550–555
- McFadden, Mary, see Marzluff, John M., and ———
- McFarland, Kent P., see Atwood, Jonathan L., Christopher C. Rimmer, ———, Sophia H. Tsai, and Laura R. Nagy
- McFarland, Kent P., see Rimmer, Christopher C., Jonathan L. Atwood, ———, and Laura R. Nagy
- McIntyre, Judith W., and Norma G. Cutler, Annotated bibliography of the loons, Gaviidae, reviewed, 194
- Meadowlark, Eastern, see *Sturnella magna*
Western, see *Sturnella neglecta*
- Megapode, Micronesian, see *Megapodius laperouse*
- Megapodius laperouse*, 246–267
- Megyesi, Jennifer L., and Curtice R. Griffin, Breeding biology of the Brown Noddy on Tern Island, Hawaii, 317–334
- Melamprosops phaeosoma*, 607–619, 620–638
- Melanerpes carolinus*, 450, 454, 699, 702, 743
erythrocephalus, 687, 688, 740–747, 743
formicivorus, 236, 722
hoffmanni, 25
ruberacillus, 25
uropygialis, 236
- Meleagris gallopavo*, 129–136
- Melospiza georgiana*, 184, 543
lincolni, 543
melodia, 125, 184, 340, 543, 688, 765
- Mephitis mephitis*, 130, 462
- methods
survival of radio-collared nestling Amazona vittata, 159–163
- Metopothrix aurantiacus*, 397–433, 446, 447
spp., 397–433, 434, 435, 446
- Meyers, J. Michael, New nesting area of Puerto Rican Parrots, 164–166
- Meyers, J. Michael, see Pardieck, Keith L., ———, and Michelle Pagán
- Meyers, J. Michael, Wayne J. Arendt, and Gerald D. Lindsey, Survival of radio-collared nestling Puerto Rican Parrots, 159–163
- Micromys montanus*, 125, 126
pennsylvanicus, 125, 126
spp., 123–128
- migration
routes of *Calidris mauri*, 662–672
- Millenbah, Kelly F., Scott R. Winterstein, Henry Campa III, Ly T. Furrow, and Richard B. Minnis, Effects of Conservation Reserve Program field age on avian relative abundance, diversity, and productivity, 760–770
- Miller, Karl V., see Kilgo, John C., Robert A. Sargent, Brian R. Chapman, and ———
- Milvago chimachima*, 173, 174
spp., 173
- Mimus polyglottos*, 236, 314, 573–583
- mink, see *Mustela vison*
- Minnis, Richard B., see Millenbah, Kelly F., Scott R. Winterstein, Henry Campa III, Ly T. Furrow, and ———
- Mitchell, Jeremy S., and Raleigh J. Robertson, Extra nest site occupancy by Tree Swallows: do floaters avoid nest sites near settled pairs?, 797–802
- Mitchell, Mary Crowe, Louis B. Best, and James P. Gionfriddo, Avian nest-site selection and nesting success in two Florida citrus groves, 573–583
- Mniotilla varia*, 98, 101, 168, 190, 536, 542, 749
- Mockingbird, Northern, see *Mimus polyglottos*
- Moldenhauer, Ralph R., see Regelski, Daniel J., and ———
- Molothrus ater*, 184, 381, 457, 543, 592, 676, 677, 687, 689
- mongoose, see *Herpestes auropunctatus*
- monkey, wooly, see *Lagothrix logotricha cana*
- Monroe, Burt L., Jr., The birds of Kentucky, reviewed, 197
- Moore, Joseph L., see Hohman, William L., Timothy M. Stark, and ———
- Moorman, Christopher E., and Brian R. Chapman, Nest-site selection of Red-shouldered and Red-tailed hawks in a managed forest, 357–368
- moose, see *Alces alces*
- Morrison, Michael L., see Block, William M., ———, and M. Hildegard Reiser

- mouse, see *Peromyscus* spp.
deer, see *Peromyscus maniculatus*
white-footed, see *Peromyscus leucopus*
- Mus musculus*, 632
- Mustela* spp., 130
vison, 462
- Myiarchus cineracens*, 236
crinitus, 498, 542
sagrae, 490
tuberculifer, 168
tyrannulus, 236
- Myiopagis caniceps*, 412
- Myiopsitta monachus*, 374–377, 584–588
- Myzomela rubratra*, 246–267
- Nagy, Laura R., see Atwood, Jonathan L., Christopher C. Rimmer, Kent P. McFarland, Sophia H. Tsai, and —
- Nagy, Laura R., see Rimmer, Christopher C., Jonathan L. Atwood, Kent P. McFarland, and —
- Nasua narica*, 173
- natural history
of *Conirostrum tamarugense* in northern Chile, 268–279
of Micronesian community, 246–267
of *Tachycineta cyanoviridis*, 480–495
- Nelson, Jay T., R. Douglas Slack, and George F. Gee, Nutritional value of winter foods for Whooping Cranes, 728–739
- Nelson, S. Kim, see Anthony, Robert G., Gregory A. Green, Eric D. Forsman, and —
- Neotropical migrants
breeding communities in riparian forests of different widths, 496–506
- Nerodia sipedon*, 191
- nest
adoption
by *Myiositta monachus*, 374–377
artificial
success for *Sterna antillarum* and *Chlidonias alexandrinus*, 292–301
use of polystyrene snags by woodpeckers, 449–456
- attentiveness
in hummingbirds, 228–245
- description
of *Melamprosops phaeosoma*, 607–619
- parasitism
in *Anas fulvigula*, 187–189
- reuse
by *Contopus sordidulus*, 378–380
- sharing
by *Aythya affinis* and *Aythya marila*, 380–381
- site
extra occupancy by *Tachycineta bicolor*, 797–802
new area for endangered *Amazona vittata*, 164–166
selection by *Wilsonia citrina* in a bottomland hardwoods, 53–60
selection in *Buteo lineatus* and *Buteo jamaicensis*, 357–368
selection in *Limnothlypis swainsonii*, 802–804
selection in two Florida citrus groves, 573–583
selection in *Tyrannus forficatus*, 302–316
use by *Quiscalus quiscula* in North Dakota, 104–114
use of purple loosestrife by *Carduelis tristis*, 182–186
- structure
of *Acrobatornis fonsecai*, 434–448
- nesting
behavior of *Melamprosops phaeosoma*, 620–638
changes in body mass of female *Bucephala clangula*, 61–71
of *Limnothlypis swainsonii* in east Texas, 802–804
success in two Florida citrus groves, 573–583
success of *Picoides borealis* in south Texas, 697–711
success of *Protonotaria citra* in Mississippi River bottomland, 457–466
- nestling
description of *Melamprosops phaeosoma*, 607–619
eaten by *Bombycilla cedrorum*, 381–382
food provisioning in *Dendroica caerulea*, 467–479
- Night-Heron, Black-crowned, see *Nycticorax nycticorax*

- Noddy, Black, see *Anous tenuirostris*
 Brown, see *Anous stolidus*
- Nolte, Kenneth R., and Timothy E. Furbright, Nesting ecology of Scissortailed Flycatchers in south Texas, 302–316
- Noss, Reed F., Edward T. LaRoe III, and J. Michael Scott, Endangered ecosystems of the United States: a preliminary assessment of loss and degradation, reviewed, 389
- Numenius phaeopus*, 786, 788
- Nunrey, David, see Winkler, Hans, David A. Christie, and —
- Nuthatch, Red-breasted, see *Sitta canadensis*
 White-breasted, see *Sitta carolinensis*
- Nycticorax nycticorax*, 332, 342–356, 557
- Oldsquaw, see *Clangula hyemalis*
- Oliarnyk, Catherine J., and Raleigh J. Robertson, Breeding behavior and reproductive success of Cerulean Warblers in southeastern Ontario, 673–684
- Onychognathus nabouroup*, 171
- Opornis formosus*, 101, 168, 176, 190, 498
 philadelphicus, 335, 542
 tolmiei, 168, 190, 282, 283, 284
- opossum, Virginia, see *Didelphis virginianus*
- Oreomystis bairdi*, 616
 mana, 614, 632
- Oriole, Hooded, see *Icterus cucullatus*
 Northern, see *Icterus galbula*
- Otus asio*, 127, 553, 701, 776, 778, 780
 kennicottii, 127
 nudipes, 776–782
- Ovenbird, see *Seiurus aurocapillus*
- Owl, Barn, see *Tyto alba*
 Barred, see *Strix varia*
 Boreal, see *Aegolius funereus*
 Great Horned, see *Bubo virginianus*
 Long-eared, see *Asio otus*
 Mottled, see *Ciccaba virgata*
 Northern Spotted, see *Strix occidentalis caurina*
 Saw-whet, see *Aegolius acadicus*
- Oxpecker, Red-billed, see *Buphagus africanus*
- Yellow-billed, see *Buphagus erythrorhynchus*
- Pacheco, José Fernando, Bret M. Whitney, and Luiz P. Gonzaga, A new genus and species of Furnariid (Aves: Furnariidae) from the cocoa-growing region of southeastern Bahia, Brazil, 397–433
- Pacheco, José Fernando, see Whitney, Bret M., —, Paulo Sérgio Moreira da Fonseca, and Robert H. Barth, Jr.
- Pachyramphus aglaiae*, 168
 castaneus, 412
 marginatus, 412
- Pagán, Michelle, see Pardieck, Keith L., J. Michael Meyers, and —
- Palmeria dolei*, 616, 617
- Parakeet, Monk, see *Myiopsitta monachus*
 parasitism
 new host species for *Protocalliphora* (Diptera: Calliphoridae), 189–190
- Pardieck, Keith L., J. Michael Meyers, and Michelle Pagán, Surveys of Puerto Rican Screech-Owl populations in large-tract and fragmented forest habitat, 776–782
- Paroreomyza flammea*, 616
 montana, 614, 616, 617, 631, 636
- Parrott, Puerto Rican, see *Amazona vittata*
- Parrotbill, Maui, see *Pseudonestor xanthophrys*
- Parula americana*, 335–341, 496–506, 542
 pitiayumi, 412
- Parula, Northern, see *Parula americana*
 Tropical, see *Parula pitiayumi*
- Parus atricapillus*, 125, 282, 283, 287
 bicolor, 743
 carolinensis, 449, 450, 454, 743
 gambeli 90, 91, 125
 major, 474, 507, 513, 514
 montanus, 80–93, 507
 Rufescens, 280–291
- Passer domesticus*, 124, 125, 481, 490, 687, 688, 691, 692
- montanus, 247
- Passerculus sandwichensis*, 472, 543, 688, 689
- Passerella iliaca*, 688
- Passerina amoena*, 771–775
 ciris, 167, 168
 cyanea, 168, 689, 771–775

- Patten, Michael A., see Graves, Gary R.,
_____, and Jon L. Dunn
- peccary, see *Tayassu tajacu* and *Tayassu pecari*.
- Peck, Robert McCracken, review by, 598–600
- Penguin, Humboldt, see *Spheniscus humboldti*
- Jackass, see *Spheniscus demersus*
- Macaroni, see *Eudyptes chrysolophus*
- Magellanic, see *Spheniscus magellanicus*
- Rockhopper, see *Eudyptes chrysocome*
- Peppershrike, Rufous-browed, see *Cuculus gujanensis*
- Peres, Carlos A., Ungulate ectoparasite removal by Black Caracaras and Pale-winged Trumpeters in Amazonian forests, 170–175
- Perisoreus canadensis, 282, 283, 289
- Peromyscus leucopus, 535–539.
- maniculatus, 125, 126
 - spp., 462
- pewee, see *Contopus* sp.
- Phacelodomus dorsalis, 421
- rufifrons, 401, 424, 434–448
 - sibilatrix, 397–433
 - spp., 415, 421, 423, 441, 446
- Phaeochroa cuvierii, 241
- Phaethon rubricauda, 332
- Phaethornis longuemareus, 241
- Phainopepla nitens, 119
- Phainopepla, see *Phainopepla nitens*
- Phasianus colchicus, 685–696, 766
- Pheasant, Ring-necked, see *Phasianus colchicus*
- Pheucticus ludovicianus, 543
- melenocephalus, 236
- Phoebe, Black, see *Sayornis nigricans*
- Eastern, see *Sayornis phoebe*
- Phoenicoparrus andinus, 807–808
- chilensis, 807
- Phoenicopterus ruber, 485, 807
- Phoeniculus purpureus, 722
- Phylloscopus collybita, 340
- Pica pica, 171
- Picoides borealis, 697–711
- pubescens, 449–456, 743
 - villus, 280–291, 450, 454, 490
- pig, feral, see *Sus scrofa*
- Pigeon, White-crowned, see *Columba leucocephala*
- Pinicola enucleator, 186–187
- Pintail, Northern, see *Anas acuta*
- Pipilo fuscus, 236
- Piranga ludoviciana, 282, 283, 284
- olivacea, 543
 - rubra, 236, 498, 749
- Platyrinchus mystaceus, 168, 224, 225
- Plover, Black-bellied, see *Pluvialis squatarola*
- Mountain, see *Charadrius montanus*
- Semipalmated, see *Charadrius semipalmatus*
- Snowy, see *Charadrius alexandrinus*
- plumage
- of *Melamprosops phaeosoma*, 607–619
 - probable gynandromorphic *Dendroica caerulescens*, 178–180
 - rufous crown feathers on adult male *Vermivora peregrina*, 181–182
- Plushcrown, Orange-fronted, see *Metopothrix aurantiacus*
- Pluvialis dominica, 783–796
- squatarola, 191, 783–796
- Pochard, European, see *Aythya ferina*
- Poephila guttata, 535–539
- Polioptila caerulea, 496–506
- Polyborus [Caracara] plancus, 516–523, 530, 532
- Poo-uli, see *Melamprosops phaeosoma*
- Pooecetes gramineus, 58, 543, 687, 689
- population
- density of *Cathartes bicknelli*, 639–649
 - growth of *Myiopsitta monachus* in the United States, 584–588
 - of Micronesian community, 246–267
 - use of checklist to monitor trends during migratory season, 540–549
- Poulin, Brigitte, Lefebvre, Gaëtan, and _____
- Power, Dennis M., (ed.), Current ornithology, Vol. 12, reviewed, 393
- Pravosudov, Vladimir V., and Elena V. Pravosudova, The breeding biology of the Willow Tit in northeastern Siberia, 80–93
- Pravosudova, Elena V., see Pravosudov, Vladimir V., and _____
- Pratt, Thane K., see Engilis, Andrew, Jr.,

- , Cameron B. Kepler, A. Marie Ecton, and Kimberly M. Fluetsch
 Pratt, Thane K., see Kepler, Cameron B., —, A. Marie Ecton, Andrew En-gilis, Jr., and Kimberly M. Fluetsch
 predation
 effects of egg type on depredation of ground nests, 129–136
 of eggs by *Peromyscus leucopus*, 535–539
 of shorebirds by *Chelydra serpentina*, 190–192
 Price, Amy, see Price, Jeff, Sam Droege, and —
 Price, Jeff, Sam Droege, and Amy Price,
 The summer atlas of North American birds, reviewed, 594–595
 proceedings
 seventy-seventh annual meeting, 813–824
 Procyon lotor, 130, 133, 313, 451, 462, 538
 productivity
 accuracy of standardized counts, 151–153
 effects of field age on, 760–770
 Progne subis, 482
 Protonotaria citrea, 449, 450, 454, 457–466, 496–506, 535, 748–759
 Pruett-Jones, Stephen, see Van Bael, Sun-shine, and —
 Pryor, Gregory S., Observations of shorebird predation by snapping turtles in eastern Lake Ontario, 190–192
 Pseudonestor xanthophrys, 617, 636
 Pseudoseisura cristata, 447
 lophotes, 375, 376, 443, 444
 spp., 441
 Psophia crepitans, 172
 leucoptera, 171–175
 spp., 173
 viridis, 172
 Ptilinopus roseicapilla, 246–267
 Pulido, Victor, see Butler, Robert W., Fran-cisco S. Delgado, Horacio de la Cue-va, —, and Brett K. Sandercock
 Pygmy-Owl, Northern, see *Glaucidium gno-ma*
 Pyrocephalus rubinus, 302, 377–378
 Quail, Common, see *Coturnix coturnix*
 Japanese, see *Coturnix coturnix*
 Quiscalus mexicanus, 313
 quiscula, 104–114, 462, 543, 689
 racer, yellow-bellied, see *Coluber constrictor flaviventris*
 raccoon, see *Procyon lotor*
 Rail, Yellow, see *Coturnicops novoboracen-sis*
 Rattus exulans, 632
 norvegicus, 632
 rattus, 632, 636
 Raven, Common, see *Corvus corax*
 Fan-tailed, see *Corvus rhipidurus*
 Redstart, American, see *Setophaga ruticilla*
 Reed-Warbler, Great, see *Acrocephalus arundinaceus*
 Nightingale, see *Acrocephalus luscina*
 Regelski, Daniel J., and Ralph R. Molden-hauer, Discrimination between re-gional song forms in the Northern Pa-rala, 335–341
 Regulus satrapa, 280–291, 542
 Reinert, Bianca L., see Bornschein, Marcos R., and —
 Reiser, M. Hildegard, see Block, William M., Michael L. Morrison, and —
 Remsen, J. V., Jr., see Brumfield, Robb T., and —
 reproduction
 of *Charadrius montanus* in Colorado, 28–35
 success of *Dendroica cerulea*, 673–684
 Revels, Mia, Eight new host species for the parasitic blow fly genus *Protocalliphora* (Diptera: Calliphoridae), 189–190
 Rhipidura rufifrons, 246–267
 Rhodacanthis palmeri, 616
 Riggs, Michael R., see Zicus, Michael C., and —
 Rimmer, Christopher C., Jonathan L. At-wood, Kent P. McFarland, and Laura R. Nagy, Population density, vocal behavior, and recommended survey methods for Bicknell's Thrush, 639–649
 Rimmer, Christopher C., see Atwood, Jona-than L., —, Kent P. McFarland, Sophia H. Tsai, and Laura R. Nagy
 Ritchison, Gary, see McElroy, David B., and —

- Robertson, Raleigh J., see Mitchell, Jeremy S., and ———
- Robertson, Raleigh J., see Oliarnyk, Catherine J., and ———
- Robin, American, see *Turdus migratorius*
- Clay-colored, see *Turdus grayii*
- Rodgers, James A., Jr., Measurements of Snail Kite eggs from central Florida, 804–807
- Rohwer, Frank C., see Johnson, William P., ———, and Michael Carloss
- Roselaar, Cees S., see Jones, Darryl N., René W. R. J. Dekker, and ———
- Rostrhamus sociabilis, 804–807
- Rottenborn, Stephen C., The use of coastal agricultural fields in Virginia as foraging habitat by shorebirds, 783–796
- Rowley, Peter, The chronicles of the Rowleys, reviewed, 197
- Rudolph, D. Craig, see Conner, Richard N., ———, Daniel Saenz, and Richard R. Schaefer
- Rupert, Jeffrey R., see Knopf, Fritz L., and ———
- Sabrewing, Violet, see *Campylopterus hemileucurus*
- Saenz, Daniel, see Conner, Richard N., and ———
- Saenz, Daniel, see Conner, Richard N., D. Craig Rudolph, ———, and Richard R. Schaefer
- Saltator coerulescens, 168
- Saltator, Grayish, see Saltator coerulescens
- Sandercock, Brett K., see Butler, Robert W., Francisco S. Delgado, Horacio de la Cueva, Victor Pulido, and ———
- Sanderling, see *Calidris alba*
- Sandpiper, Baird's, see *Calidris bairdii*
- Buff-breasted, see *Tryngites subruficollis*
- Least, see *Calidris minutilla*
- Pectoral, see *Calidris melanotos pusilla*
- Semipalmated, see *Calidris*
- Solitary, see *Tringa solitaria*
- Spotted, see *Actitis macularia*
- Upland, see *Bartramia longicauda*
- Western, see *Calidris mauri*
- White-rumped, see *Calidris fuscicollis*
- Sapsucker, Yellow-bellied, see *Sphyrapicus varius*
- Sargent, Robert A., see Kilgo, John C., ———, Brian R. Chapman, and Karl V. Miller
- Sayornis nigricans, 377–378
- phoebe, 542
- spp., 302
- Scaphidura oryzivora, 173
- Scap, Greater, see *Aythya marila*
- Lesser, see *Aythya affinis*
- Schaefer, Richard R., see Conner, Richard N., D. Craig Rudolph, Daniel Saenz, and ———
- Schoeniophylax phryganophila, 447
- Sciurus carolinensis, 130, 462, 681
- niger, 462, 700, 701, 743
- spp., 462
- Scott, J. Michael, see Noss, Reed F., Edward T. LaRoe III, and ———
- Screech-Owl, Eastern, see *Otus asio*
- Puerto Rican, see *Otus nudipes*
- Western, see *Otus kennicottii*
- Scytalopus spp., 412
- Searcy, William A., and Ken Yasukawa, Polygyny and sexual selection in Red-winged Blackbirds, reviewed, 600
- Seedeater, White-collared, see *Sporophila torqueola*
- Seiurus aurocapillus, 97, 102, 168, 176, 177, 265, 537, 542
- motacilla, 97–98, 102
- noveboracensis, 167, 168, 542, 748–759
- Selasphorus platycercus, 239, 241
- rufus, 239, 280–291
- sasin, 241
- Setophaga ruticilla, 98, 101, 168, 176, 474, 542, 748–759
- Shoveler, Northern, see *Anas clypeata*
- shrew, see *Sorex* spp.
- masked, see *Sorex cinereus*
- vagrant, see *Sorex vagrans*
- Siegel, Rodney B., and Marco V. Centeno, Neotropical migrants in marginal habitats on a Guatemalan cattle ranch, 166–170
- Siptornis spp., 415
- striaticollis, 401
- Siskin, Pine, see *Carduelis pinus*
- Sitta canadensis, 282, 283, 289, 290
- carolinensis, 743

- skink, broad-headed, see *Eumeces laticeps*
 five-lined, see *Eumeces fasciatus*
- skunk, striped, see *Mephitis mephitis*
- Skutch, Alexander F., Orioles, blackbirds,
 and their kin: a natural history, re-
 viewed, 809
- Slack, R. Douglas, see Gawlik, Dale E., and
 —
- Slack, R. Douglas, see Nelson, Jay T.,
 —, and George F. Gee
- Slagsvold, Tore, Dawn and dusk singing of
 male American Robins in relation to
 female behavior, 507–515
- Slater, P. J. B., see Catchpole, C. K., and
 —
- Smith, P. William, review by, 203–204
- Smith, Robert, and Matthew Dallman, For-
 est gap use by breeding Black-throat-
 ed Green Warblers, 588–591
- snake, black rat, see *Elaphe obsoleta*
 northern water, see *Nerodia sipedon*
 rat, see *Elaphe obsoleta*
- Texas rat, see *Elaphe obsoleta lindheimeri*
- Snipe, Common, see *Gallinago gallinago*
- Softtail, Plain, see *Thripophaga fusciceps*
 Russet-mantled, see *Thripophaga berle-
 schi*
- Striated, see *Thripophaga macroura*
- Sorex cinereum, 126
 spp., 126
 vagrans, 125, 126
- Spadebill, White-throated, see *Platyrinchus
 mystaceus*
- Sphaerodactylus sp., 176
- Sparks, Daniel W., see Custer, Christine M.,
 Thomas W. Custer, and —
- Sparrow, American Tree, see *Spizella arbo-
 rea*
 Bachman's, see *Aimophila aestivalis*
 Chipping, see *Spizella passerina*
 Eurasian Tree, see *Passer montanus*
 Fox, see *Passerella iliaca*
 House, see *Passer domesticus*
 Lark, see *Chondestes grammacus*
 Lincoln's, see *Melospiza lincolni*
 Savannah, see *Passerculus sandwichensis*
 Song, see *Melospiza melodia*
 Swamp, see *Melospiza georgiana*
 Vesper, see *Pooecetes gramineus*
- White-throated, see *Zonotrichia albicollis*
- species nova
- Acrobatornis fonsecai* gen. nov. sp. nov.,
 397–433
- Chlorostilbon olivaresi* sp. nov., 1–27
- Spheniscus demersus*, 72–79
humboldti, 72–79
magellanicus, 72–79
- Sphyrapicus varius*, 542
- Spinetail, Chotoy, see *Schoeniophylax phry-
 ganophila*
- Light-crowned, see *Cranioleuca albiceps*
- Marcapata*, see *Cranioleuca marcapatae*
- Rufous-breasted, see *Synallaxis erythro-
 thorax*
- Rusty-backed, see *Cranioleuca vulpina*
- Scaled, see *Cranioleuca meulleri*
- Speckled, see *Cranioleuca gutturalis*
- Sulphur-bearded, see *Cranioleuca sulphur-
 ifera*
- Spiza americana*, 314, 689, 692
- Spizella arborea*, 687, 689, 691
passerina, 543, 689
- Sporophila torqueola*, 168
- squirrel, see *Sciurus* spp.
 fox, see *Sciurus niger*
 gray, see *Sciurus carolinensis*
 red, see *Tamiasciurus grahamensis*
 southern flying, see *Glaucomys volans*
- Stark, Timothy M., see Hohman, William L.,
 —, and Joseph L. Moore
- Starling, European, see *Sturnus vulgaris*
 Micronesian, see *Aplonis opaca*
- Pale-winged, see *Onychognathus nabour-
 oup*
- status
- of *Limnothlypis swainsonii* in Cuba, 175–
 178
- of *Phoenicoparrus andinus* in Brazil, 807–
 808
- Stelgidopteryx serripennis*, 168
- Stellula calliope*, 239, 241
- Sterna antillarum*, 292–301
forsteri, 190
fuscata, 332
- Stevens, Lewis, Avian biochemistry and
 molecular biology, reviewed, 809
- Stiles, F. Gary, A new species of Emerald
 hummingbird (*Trochilidae*, *Chloro-
 stilbon*) from the Sierra de Chiribiquete,

- southeastern Colombia, with a review of the *C. mellisugus* complex, 1–27
- Stork, Maguari, see *Ciconia maguari*
- Stotts, Daniel B., see Erwin, R. Michael, John G. Haig, —, and Jeff S. Hatfield
- Streptopelia bitorquata, 247
- Strix occidentalis caurina, 280 varia, 127
- Sturnella magna, 543 neglecta, 689
- Sturnus vulgaris, 36–52, 481, 490, 513, 688
- Stutchbury, Bridget J., see Taroff, Scott A., and —
- Sullivan, Marie, see Andrews, Brenda J., —, and J. David Hoerath
- survival of radio-collared nestling *Amazona vittata*, 159–163
- Sus scrofa, 621, 636
- Swallow, Bahama, see *Tachycineta cyaneoviridis*
- Barn, see *Hirundo rustica*
- Golden, see *Tachycineta euchrysea*
- Mangrove, see *Tachycineta albilinea*
- Northern Rough-winged, see *Stelgidopteryx serripennis*
- Tree, see *Tachycineta bicolor*
- Swift, Vaux's, see *Chaetura vauxi*, 282, 283, 287, 289
- Swiftlet, Island, see *Aerodramus vanikorensis*
- Synallaxis erythrothorax, 168
- Tachycineta albilinea, 168, 481 bicolor, 480–495, 797–802 cyaneoviridis, 480–495 euchrysea, 485 spp., 480
- Tachyphonus cristatus, 412
- tamarin, golden-headed lion, see *Leontopithecus chrysomelas*
- Tamias striatus, 130, 537
- Tamiasciurus hudsonicus, 130
- Tanager, Blue-gray, see *Thraupis episcopus*
- Flame-crested, see *Tachyphonus cristatus*
- Green-headed, see *Tangara seledon*
- Palm, see *Thraupis palmarum*
- Red-necked, see *Tangara cyanocephala*
- Rufous-headed, see *Hemithraupis ruficapilla*
- Sayaca, see *Thraupis sayaca*
- Scarlet, see *Piranga olivacea*
- Summer, see *Piranga rubra*
- Western, see *Piranga ludoviciana*
- Tangara cyanocephala, 412 seledon, 412
- tapaculo, see *Scytalopus* spp.
- Tapera naevia, 442
- tapir, Baird's, see *Tapirus bairdii*
- Brazilian, see *Tapirus terrestris*
- Tapirus bairdii, 173
- terrestris, 171
- Taroff, Scott A., and Bridget J. Stutchbury, A case of cooperative breeding in the Hooded Warbler, 382–384
- taxonomy of *Acrobatornis fonsecai* gen. nov., sp. nov., 397–433
- of *Chlorostilbon mellisugus* complex, 1–27
- of *Cinnycerthia* wrens of the Andes, 205–227
- of Cuban form of *Agelaius phoeniceus*, 372–374
- Tayassu pecari, 173 tajacu, 173
- Taylor, Iain, Barn Owls: predator-prey relationships and conservation, 811
- Taylor, Richard Cachor, A birder's guide to southeastern Arizona, reviewed, 810–811
- Teal, Blue-winged, see *Anas discors*
- Cinnamon, see *Anas cyanoptera*
- Green-winged see *Anas crecca*
- technique use of checklists to monitor population trends during migration, 540–549
- Telespiza cantans, 633, 634, 635
- Temby, I. D., see Emison, W. B., C. M. Beardsell, and —
- Tern, Common, Forster's, see *Sterna forsteri*
- Least, see *Sterna antillarum*
- Sooty, see *Sterna fuscata*
- White, see *Gygis alba*
- territory of wintering *Melanerpes erythrocephalus*, 740–747
- Thamnophilus doliatus, 168
- Thompson, John E., see Leafloor, James O., —, and C. Davison Ankney

- Thornbird, Chestnut-backed, see *Phacellodomus dorsalis*
 Little, see *Phacellodomus sibilatrix*
- Thrasher, Brown, see *Toxostoma rufum*
 Long-billed, see *Toxostoma longirostre*
- Thraupis episcopus*, 168
palmarus, 412
sayaca, 412
- Thripophaea berlepschi*, 421
fusciceps, 397–433, 445
macroura, 421, 445
spp., 415, 417, 421, 445
- Thrush, Bicknell's, see *Catharus bicknelli*
 Gray-cheeked, see *Catharus minimus*
 Hermit, see *Catharus guttatus*
 Swainson's, see *Catharus ustulatus*
 Varied, see *Ixoreus naevius*
 Wood, see *Hylocichla mustelina*
- Thumper, Nina N., Jeffrey D. Karron, and
 Millicent S. Ficken, Interspecific
 variation in the calls of *Spheniscus*
 penguins, 72–79
- Thymomelas talpoidea*, 126
- Tit, Great, see *Parus major*
 Willow, see *Parus montanus*
- Titmouse, Tufted, see *Parus bicolor*
- Todirostrum cinereum*, 168
- Tody-Flycatcher, Common, see *Todirostrum cinereum*
- Tolmomyias sulphurescens*, 168
- Tomer, John S., and Michael J. Brodhead,
 (eds.), A naturalist in Indian territory:
 the journals of S. W. Woodhouse,
 1849–1850, reviewed, 200–201
- Towhee, Canyon, see *Pipilo fuscus*
- Toxostoma longirostre*, 579
rufum, 542, 573–583
- Treerunner, Beautiful, see *Margarornis bellicosus*
 Pearled, see *Margarornis squamiger*
- Tringa flavipes*, 190, 191, 788, 790
melanoleuca, 788, 790
solitaria, 788, 791
- Troglodytes aedon*, 449, 457–466, 542, 553,
 688, 797
solstitialis, 222
troglodytes, 280–291, 542
- Tropic-bird, Red-tailed, see *Phaethon rubricauda*
- Trumpeter, Gray-winged, see *Psophia crepitans*
 Green-winged, see *Psophia viridis*
 Pale-winged, see *Psophia leucoptera*
 White-winged, see *Psophia leucoptera*
- Tryngites subruficollis*, 783–796
- Tsai, Sophia H., see Atwood, Jonathan L.,
 Christopher C. Rimmer, Kent P.
 McFarland, —, and Laura R.
 Nagy
- Tucson Audubon Society, Finding birds in
 southeast Arizona, reviewed, 810–811
- Turdus grayi*, 168
migratorius, 125, 507–515, 542, 688
- Turkey, Wild, see *Meleagris gallopavo*
- Turnstone, Ruddy, see *Arenaria interpres*
- turtle, painted, see *Chrysemys picta*
 snapping, see *Chelydra serpentina*
- Tyrannus crassirostris*, 236
forficatus, 302–316
spp., 302
tyrannus, 312, 313, 378, 474, 687, 688,
 691
vociferans, 236
- Tyto alba*, 127
- Ula-ai-hawane, see *Ciridops anna*
- Urocyon cinereoargenteus*, 130
- Ursus americanus*, 130
- Van Bael, Sunshine, and Stephen Pruett-Jones, Exponential population growth
 of Monk Parakeets in the United States, 584–588
- Veery, see *Catharus fuscescens*
- Venilornis fumigatus*, 168
- Vermivora bachmani*, 804
celata, 181
chrysoptera, 749
peregrina, 168, 181–182, 542, 749
ruficapilla, 181, 471, 474, 542
- Vestiaria coccinea*, 616, 617, 631
- Vireo bellii, 168
flavifrons, 190, 498
gilvus, 282, 283, 284, 542
griseus, 496–506
olivaceus, 412, 496–506, 542, 749
philadelphicus, 542
- Vireo, Bell's, see *Vireo bellii*
- Philadelphia, see *Vireo philadelphicus*
- Red-eyed, see *Vireo olivaceus*

- Warbling, see *Vireo gilvus*
 White-eyed, see *Vireo griseus*
 Yellow-throated, see *Vireo flavifrons*
 vocalization
 comparison of vocal repertoires of *Spheniscus* spp., 72–79
 dawn and dusk singing in male *Turdus migratorius*, 507–515
 discrimination between song types in *Parula americana*, 335–341
 effect of mate removal on singing behavior of *Cardinalis cardinalis*, 550–555
Volatinia jacarina, 168
 vole, see *Microtus* spp.
 meadow, see *Microtus pennsylvanicus*
 montane, see *Microtus montanus*
Vulpes velox, 28, 31, 33
 vulpes, 130
 Wallace, George E., see Kirkconnell, Arturo,
 _____, and Orlando H. Garrido
 Warbler, Bachman's, see *Vermivora bachmani*
 Bay-breasted, see *Dendroica castanea*
 Black-and-white, see *Mniotilla varia*
 Black-throated Blue, see *Dendroica caerulea*
 leucophrys
 Black-throated Green, see *Dendroica virescens*
 Blackburnian, see *Dendroica fusca*
 Blackpoll, see *Dendroica striata*
 Canada, see *Wilsonia canadensis*
 Cape May, see *Dendroica tigrina*
 Cerulean, see *Dendroica cerulea*
 Chestnut-sided, see *Dendroica pensylvanica*
 Golden-cheeked, see *Dendroica chrysoparia*
 Golden-winged, see *Vermivora chrysopatra*
 Hermit, see *Dendroica occidentalis*
 Hooded, see *Wilsonia citrina*
 Kentucky, see *Oporornis formosus*
 MacGillivray's, see *Oporornis tolmiei*
 Magnolia, see *Dendroica magnolia*
 Mourning, see *Oporornis philadelphica*
 Nashville, see *Vermivora ruficapilla*
 Orange-crowned, see *Vermivora celata*
 Palm, see *Dendroica palmarum*
 Prairie, see *Dendroica discolor*
 Prothonotary, see *Protonotaria citrea*
 Swainson's, see *Limnothlypis swainsonii*
 Tennessee, see *Vermivora peregrina*
 Virginia's, see *Vermivora virginiae*
 Wilson's, see *Wilsonia pusilla*
 Worm-eating, see *Helmitheros vermivorus*
 Yellow, see *Dendroica petechia*
 Yellow-rumped, see *Dendroica coronata*
 Yellow-throated, see *Dendroica dominica*
 Waterthrush, Louisiana, see *Seiurus motacilla*
 Northern, see *Seiurus noveboracensis*
 Waxbill, Barbed, see *Estrilda astrild*
 Waxwing, see *Bombycilla* spp.
 Bohemian, see *Bombycilla garrulus*
 Cedar, see *Bombycilla cedrorum*
 weasel, see *Mustela* spp.
 Webb, Sophie, see Howell, Steve N. G., and
-
- Wheatley, Nigel, Where to watch birds in South America, reviewed, 390–391
 Whimbrel, see *Numenius phaeopus*
 Whistling-Duck, Black-bellied, see *Dendrocygna autumnalis*
 Fulvous, see *Dendrocygna bicolor*
 White, Mel, A birder's guide to Arkansas, reviewed, 385
 White-Eye, Bridled, see *Zosterops conspicillatus*
 Golden, see *Cleptornis marchei*
 Whitney, Bret M., José Fernando Pacheco, Paulo Sérgio Moreira da Fonseca, and Robert H. Barth, Jr. The nest and nesting ecology of *Acrobatornis fonsecai* (Furnariidae), with implication for intrafamilial relationships, 434–448
 Whitney, Bret M., see Pacheco, José Fernando, _____, and Luiz P. Gonzaga
 Willet, see *Catoptrophorus semipalmatus*
Wilsonia canadensis, 542, 749
 citrina, 53–60, 101, 168, 176, 190, 383–384, 498
 pusilla, 282, 283, 284
 Winkler, Hans, David A. Christie, and David Nursey, Woodpeckers, reviewed, 387–388
 Winterstein, Scott R., see Millenbah, Kelly F., _____, Henry Campa III, Ly T. Furrow, and Richard B. Minnis
 Wolfe, David F. G., Opportunistic winter

- water acquisition by Pine Grosbeaks, 186–187
- Wood-Pewee, Eastern, see *Contopus virens*
Western, see *Contopus sordidulus*
- Woodhoopoe, Green, see *Phoeniculus purpureus*
- Woodpecker, Acorn, see *Melanerpes formicivorus*
Downy, see *Picoides pubescens*
Gila, see *Melanerpes uropygialis*
Hairy, see *Picoides villosus*
Hoffmann's, see *Melanerpes hoffmanni*
Ivory-billed, see *Xiphorhynchus flavigaster*
Pileated, see *Dryocopus pileatus*
Red-bellied, see *Melanerpes carolinus*
Red-cockaded, see *Picoides borealis*
Red-crowned, see *Melanerpes rubrocapi-*
lus
Red-headed, see *Melanerpes erythroce-*
phalus
Smoky-brown, see *Venilornis fumigatus*
- Wren, House, see *Troglodytes aedon*
Long-billed, see *Cistothorus palustris*
Mountain, see *Troglodytes solstitialis*
Rufous-naped, see *Campylorhynchus ru-*
finucha
- Sedge, see *Cistothorus platensis*
- Sepia-brown, see *Cinnycerthia peruviana*
Winter, see *Troglodytes troglodytes*
- Xenerpestes minlosi, 397–433, 446
singularis, 397–433
spp., 397–433, 434, 435, 446
- Xenops rutilans, 412
- Xenops, Streaked, see *Xenops rutilans*
- Xiphorhynchus flavigaster, 168
- Yahner, Richard H., and Carolyn G. Mahan,
Effects of egg type on depredation of
artificial ground nests, 129–136
- Yasukawa, Ken, see Searcy, William A., and
-
- Yellowlegs, Greater, see *Tringa melanoleuca*
Lesser, see *Tringa flavipes*
- Yellowthroat, Common, see *Geothlypis tri-*
chas
- zebra, mountain, see *Equus zebra*
- Zenaida macroura, 313, 314, 581, 582, 688
- Zicus, Michael C., and Michael R. Riggs,
Change in body mass of female Com-
mon Goldeneyes during nesting and
brood rearing, 61–71
- Zimmerman, John L., review by, 389–390
- Zonotrichia albicollis, 543
leucophrys, 553
- Zosterops conspicillatus, 246–267

This issue of *The Wilson Bulletin* was published on 31 December 1996.