

Index to Volume 127.

Author: Underwood, Todd J.

Source: The Auk, 127(4) : 1002-1022

Published By: American Ornithological Society

URL: <https://doi.org/10.1525/auk.2010.127.4.1002>

The BioOne Digital Library (<https://bioone.org/>) provides worldwide distribution for more than 580 journals and eBooks from BioOne's community of over 150 nonprofit societies, research institutions, and university presses in the biological, ecological, and environmental sciences. The BioOne Digital Library encompasses the flagship aggregation BioOne Complete (<https://bioone.org/subscribe>), the BioOne Complete Archive (<https://bioone.org/archive>), and the BioOne eBooks program offerings ESA eBook Collection (<https://bioone.org/esa-ebooks>) and CSIRO Publishing BioSelect Collection (<https://bioone.org/csiro-ebooks>).

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

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

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

Index to Volume 127



The Auk 127(4):1002–1022, 2010
© The American Ornithologists' Union, 2010.
Printed in USA.

COMPILED BY TODD J. UNDERWOOD

This index is confined primarily to new information. New specific names are printed in **boldface** type.

- abnormality, 746–751, 882–898
abundance, 94–99, 317–327, 841–849
Acanthidops bairdi, 726–744
A. bairdii, 726–744
Acanthis flammea, 882–888
Accipiter cirrhocephalus, 411–420
A. cooperii, 421–429, 863–870
A. nisus, 411–420
A. striatus, 23–34, 411–420, 863–870
Accipitres, 726–744
Accipitridae, 726–744, 820–831
Accipitriformes, 726–744
Accipitrinae, 726–744
Aceros, 850–862
A. undulatus, 590–604
Acrocephalidae, 726–744
Acrocephalus, 300–307, 726–744
A. arundinaceus, 274–282, 759–764
A. paludicola, 300–307
A. schoenobaenus, 232–234, 726–744
A. scirpaceus, 773–780
Actitis macularius, 671–677
Adams, Dean C., see Berns, Chelsea M., and -
Adams, Josh, et al., 503–513
Addison, BriAnne, see Hipfner, J. Mark, et al.
Adelomyia melanogenys, 44–56
adrenocortical response, 540–548
Aegolius acadicus, 23–34
A. funereus, 917–925
aerodynamics, 44–56
Aethia cristatella, 590–604
Africa, 678–689
Afrotropical forest, 79–85
Agelaioides badius, 222–231
Agelaius, 590–604, 726–744
A. phoeniceus, 35–43, 263–273, 328–334, 453–459
Aglaeactis castelnaudii, 44–56
A. cupripennis, 44–56
Aglaiocercus coelestis, 44–56
A. kingi, 44–56
Agricultural, - habitat, 909–916; - landscape, 328–334
Aimophila, 726–744
A. aestivalis, 726–744
A. botterii, 726–744
A. carpalis, 726–744
A. cassinii, 726–744
A. humeralis, 726–744
A. mystacalis, 726–744
A. notosticta, 726–744
A. quinquestriata, 726–744
A. rufescens, 726–744
A. ruficauda, 726–744
A. ruficeps, 726–744
A. sumichrasti, 726–744
Ajaja ajaja, 726–744
Alaska, 746–751, 882–898
Alauda arvensis, 274–282
Albano, Ciro, see Règo, Péricles S., et al.
Albatross, Antipodean, 590–604; Black-browed, 590–604; Laysan,
590–604; Wandering, 100–107; Waved, 590–604
Albertine Rift, 678–689
Alca torda, 590–604
Alcedinidae, 820–831
Alcidae, 195–203, 503–513, 590–604
Aldridge, Cameron L., see Bush, Krista L., et al.
Aleixo, Alexandre, see Claramunt, Santiago, et al.
Alexander Archipelago, 617–625
Alley, Maurice R., see Cunningham, Susan J., et al.
allometry, 44–56
Amaui, 690–695
Amaurornis, 440–452
Amazilia decora, 44–56
A. franciae, 44–56
A. rutila, 44–56
A. tobaci, 626–635
A. txacati, 44–56
A. versicolor, 44–56
Amazon, 850–862; Blue-fronted, 558–570; Yellow-headed, 948–951
Amazona, 850–862
A. aestiva, 558–570
A. leucocephala, 932–939
A. oratrix, 948–951
Ammodramus caudacutus, 300–307, 485–494
A. henslowii, 86–93, 263–273, 387–393
A. maritimus, 300–307
A. savannarum, 86–93, 263–273, 387–393
Amphispiza, 726–744
A. bilineata, 726–744, 966
A. quinquestriata, 966
Amundson, Courtney L., and Todd W. Arnold, 653–659
anadromous fishes, 696–703
Anas, 704–708
A. americana, 387–393
A. clypeata, 590–604
A. discors, 379–386
A. platyrhynchos, 72–78, 212–221, 379–386
A. p. domestica, 704–708
A. stepera, 379–386
Anastomus lamelligerus, 590–604
Anatidae, 162–172, 590–604, 704–708, 820–831
Anatoidea, 590–604
anatomy, 590–604

- Anderson, Frank E., see Krajewski, Carey, et al.
Andigena laminirostris, 590–604
Androdon aequatorialis, 44–56
Andropadus masukuensis, 79–85
A. virens, 79–85
Anhima cornuta, 590–604
Anhinga, 590–604
A. melanogaster, 590–604
Anhinga, 820–831
Anhingidae, 590–604, 726–744, 820–831
Annumbicus annumbi, 222–231
Anser, 820–831
A. albifrons albifrons, 162–172
A. indicus, 232–234
Anseranas semipalmata, 590–604
Anseriformes, 590–604
Antbird, 283–292; Bicolored, 283–292; Chestnut-tailed, 283–292; Ocellated, 283–292; Peruvian Warbling, 283–292; Spotted, 253–262; Stripe-backed, 283–292; White-plumed, 283–292
anthelmintics, 653–659
Anthochaera carunculata, 151–155
Anthracoceros malabaricus, 590–604
Anthracothorax mango, 44–56
anthropogenic effects, 581–589
Anthropoides, 440–452
A. paradisea, 440–452
A. virgo, 440–452
Anthus, 274–282
A. campestris, 274–282
A. petrosus, 274–282
A. pratensis, 274–282
A. richardi, 317–327
A. trivialis, 274–282
Antilophia, 335–342
A. bokermanni, 335–342
A. galeata, 335–342
Antshrike, Amazonian, 283–292; Russet, 283–292
Antwren, Checker-throated, 283–292
Aphelocoma, 726–744
A. californica, 35–43, 726–744
A. coerulescens, 421–429, 581–589
A. ultramarina, 35–43, 453–459
Apodiformes, 820–831
Aptenodytes forsteri, 590–604
Apterygidae, 308–316
Apterygiformes, 308–316
Apteryx, 590–604
A. australis, 308–316, 590–604, 820–831
A. haasti, 308–316
A. mantelli, 308–316
A. owenii, 308–316, 590–604
Apus apus, 917–925
Aquila chrysaetos, 969–1001
A. fasciata, 173–184
Aracari, 820–831; Black-necked, 590–604
Aramidae, 440–452
Aramus guarauna, 590–604
Araripe, Juliana, see Rêgo, Péricles S., et al.
Aratinga holochlora, 948–951
Archilocus, 787–796
A. alexandri, 44–56, 626–635, 787–796
A. colubris, 44–56, 626–635, 787–796
Arctic, 162–172
Ardea, 696–703
A. alba, 660–670
A. cinerea, 590–604
A. cocoi, 726–744
A. minuta, 726–744
A. purpurea, 726–744
Ardeae, 726–744
Ardeidae, 726–744, 820–831
Ardeotis kori, 590–604
area sensitivity, 364–371
Arenaria interpres, 72–78
Argus, Great, 590–604
Argusianus argus, 590–604
Arnold, Todd W., et al., 212–221
Arnold, Todd W., see Amundson, Courtney L., and -
Arnold, Todd W., see Roche, Erin A., et al.
Arremonops conirostris, 726–744
arthropod, 317–327
Ash, John, and John Atkins, Birds of Ethiopia and Eritrea: An Atlas of Distribution (rev.), 467–468
Askins, Robert A., see Winker, Kevin, et al.
Atamian, Michael T., and James S. Sedinger, 16–22
Atlapetes, 726–744
A. albinucha, 726–744
A. pileatus, 726–744
at-sea, - activity, 100–107; - distribution, 871–881; - habitat, 503–513
Augastes geoffroyi, 44–56
Auk, 820–831; Great, 590–604
Auklet, Cassin's, 195–203, 503–513; Crested, 590–604; Rhinoceros, 195–203, 590–604
Auriparus flaviceps, 387–393
Austin, Suzanne H., see Robinson, W. Douglas, et al.
avian keratin disorder, 746–751, 882–898
avocet, 820–831
Aythya americana, 72–78
babbler, 726–744
Badyaev, Alexander V., review by, 961–963
Baeolophus bicolor, 841–849
Baird, Patricia, see Draheim, Hope M., et al.
Baker, Sam W., see Bell, Christopher P., et al.
Balaeniceps rex, 590–604, 820–831
Balaenicipitidae, 726–744, 820–831
Balearica, 440–452
B. exigua, 440–452
B. pavonina, 440–452
B. regulorum, 440–452
B. rummeli, 440–452
Balearicinae, 440–452
Banks, Richard C., see Chesser, R. Terry, et al.
Barber, David R., see Farmer, Christopher J., et al.
barbet, 726–744, 781–786, 820–831
Bare-eye, Black-spotted, 283–292
Barker, F. Keith, see Chesser, R. Terry, et al.
barn-owl, 820–831
Barry, Patrick D., and David A. Tallmon, 617–625
Bartramia longicauda, 86–93
Bates, John M., see Voelker, Gary, et al.
Bates, John, see Winker, Kevin, et al.
Batis mixta, 79–85
Batis, Forest, 79–85
Bayard, Trina S., and Chris S. Elphick, 485–494
Bayesian, - hierarchical model, 379–386; - modeling, 379–386
beak deformities, 746–751, 882–898
bee-eater, 820–831

- Beerens, James M., see Herring, Garth, et al.
 behavior, 156–161, 293–299, 532–539, 752–758, 787–796, 871–881
 behavioral development, 752–758
 Beissinger, Steven R., see Pacheco, M. Andreína, et al.
 Bélisle, Marc, see Gagnon, François, et al.
 Bell, Christopher P., et al., 411–420
 Belton, Lorient R., 465
 Belton, William Henry, 1914–2009, In Memoriam, 465
 Benson, Thomas J., see Walk, Jeffery W., et al.
 Berg, Elena C., see McCormack, John E., and -
 Berns, Chelsea M., and Dean C. Adams, 626–635
 Beyeler, Suzanne C., see Martin, Jason M., et al.
 Bildstein Keith L., see Farmer, Christopher J., et al.
 bile, - acids, 820–831; - salts, 820–831
 bill morphology, 308–316
 bioinformatics, 4–15
 biological effects, 690–695
 birds of paradise, 44–56
 Birkhead, Tim R., see Durrant, Kate L., et al.
 Birt, Tim P., see Bull, Roger D., et al.
 Bittern, 726–744; Little, 726–744
 Blackbird, Brewer's, 293–299; Eurasian, 532–539, 558–570, 590–604;
 European, 421–429; Red-winged, 35–43, 263–273, 328–334;
 Rusty, 293–299; Yellow-hooded, 726–744
 Blackcap, 232–234, 647–652, 773–780; Eurasian, 23–34
 blackmail hypothesis, 453–459
 Blitzkrieg hypothesis, 411–420
 Blondel, Jacques, see Thomas, Donald W., et al.
 blood sampling, 704–708
 Bluebird, Eastern, 35–43, 94–99, 263–273, 558–570, 841–849
 Bluethroat, 317–327, 471–484
 Bobolink, 86–93, 263–273
 Bobwhite, Northern, 94–99, 387–393, 558–570
 body, - condition, 523–531; - mass, 781–786; - stores, 162–172
Boissonneaua flavescens, 44–56
B. mathewsii, 44–56
Bombycilla cedrorum, 293–299, 850–862
Bonasa sewerzowi, 926–931
 Booby, 726–744, 820–831; Masked, 590–604
 boreal forest, 354–363, 471–484
 Bosca, Fabrice, see Hernández-Matías, Antonio, et al.
 Bosque, Carlos, see Pacheco, M. Andreína, et al.
Bostrychia, 308–316
B. carunculata, 308–316
 bottleneck, 57–71, 832–840
 Boubou, 678–689; Fülleborn's Black, 678–689; Lowland Sooty, 678–689;
 Mountain Sooty, 678–689; Slate-colored, 678–689; **Willard's**
 Sooty, 678–689
 Boughton, Raoul K., see Morgan, Gina M., et al.
 Bourgault, Patrice, see Thomas, Donald W., et al.
 bowerbird, 820–831
 Boyce, Mark S., see Bush, Krista L., et al.
 Bradley, Patricia E., and Robert L. Norton, An Inventory of Breeding
 Seabirds of the Caribbean (rev.), 720–721
 Branch, Lyn C., see Martin, Jason M., et al.
 Brant, Black, 162–172; Dark-bellied, 162–172; Light-bellied, 162–172
Branta, 820–831
B. bernicla bernicla, 162–172
B. b. hrota, 162–172
B. b. nigricans, 162–172
B. canadensis, 841–849
B. c. minima, 162–172
B. c. moffitti, 162–172
B. c. occidentalis, 162–172
B. leucopsis, 162–172, 232–234
B. sandvicensis, 832–840
 Brawn, Jeffrey D., see Robinson, W. Douglas, et al.
 Brazil, 335–342
 breeding, colonial -, 571–580; - grounds, 471–484; - habitats, 899–908;
 - phenology, 421–429; - success, 173–184, 195–203; timing of -,
 195–203, 212–221
 Brewster Memorial Award, 2009: Joanna Burger, 243–244
 British Columbia, 746–751
 Broadbill, African, 79–85
 Brolga, Australian, 440–452
 brood parasitism, 263–273, 293–299, 453–459, 759–764; conspecific -,
 765–772
 Brooke, M. de L., see Bell, Christopher P., et al.
Brotogeris, 948–951
B. tirica, 948–951
B. versicolurus, 948–951
 Brown, Mark, et al., 151–155
 Brown, Mark, et al., 781–786
 Brown, Richard George Bolney, 1935–2010, In Memoriam,
 712–713
 Brownian-bridge analysis, 863–870
 Brumfield, Robb T., see Claramunt, Santiago, et al.
Bubo scandiaca, 820–831
Bucephala, 820–831
B. clangula, 379–386
B. islandica, 72–78
Buceros, 590–604
B. bicornis, 590–604
B. bucinator, 590–604
B. hydrocorax, 590–604
B. vigil, 590–604
 Bucerotidae, 590–604
Bucorvus, 590–604, 850–862
B. abyssinicus, 590–604
B. leadbetteri, 590–604
 Budgerigar, 232–234, 283–292, 558–570, 850–862
 Budney, Gregory F., see Snyder, Noel F. R., et al.
 Buehler, David A., see Stodola, Kirk W., et al.
 Buehler, Deborah M., et al., 394–401
Bugeranus, 440–452
B. carunculatus, 440–452
 Bulbul, 151–155, 781–786; Yellow-vented, 850–862
 Bull, Roger D., et al., 23–34
 Bullfinch, 832–840; Beavan's, 832–840; Brown, 832–840; Eurasian,
 832–840; Orange, 832–840; Red-headed, 832–840; White-cheeked,
 832–840
 Bunting, 726–744; Black-faced, 317–327; Indigo, 94–99, 263–273, 471–
 484, 841–849; Lark, 364–371; Ochre-rumped, 317–327; Ortolan,
 274–282; Painted, 94–99; Pallas's, 317–327; Reed, 317–327; Snow,
 726–744
Burhinus, 590–604
 Burke, Dawn M., see Moore, Levi C., et al.
 Burke, Terry, see Durrant, Kate L., et al.
 bush warbler, 726–744
 Bush, Krista L., et al., 343–353
 Bush-shrike, Crimson-breasted, 678–689
 Bustard, 820–831; Kori, 590–604
Buteo jamaicensis, 590–604, 882–888
B. lineatus, 387–393
B. platypterus, 387–393
Butorides striata, 590–604
 Buzzard, European Honey, 863–870
Bycanistes brevis, 590–604

- Calamospiza melanocorys*, 364–371
 Calcariidae, 726–744
Calcarius, 726–744
C. lapponicus, 726–744
C. mccownii, 726–744
C. ornatus, 387–393, 726–744
C. pictus, 726–744
 calcium, 549–557
Calidris, 308–316
C. canutus, 232–234, 394–401
C. c. rufa, 394–401
C. maritima, 453–459
C. pusilla, 671–677
 California Bight, 503–513
Calliphlox amethystina, 787–796
C. bryantae, 44–56
C. mitchellii, 44–56
Calocitta, 726–744
C. formosa, 726–744
Caloenas nicobarica, 590–604
Calonectris, 100–107
C. diomedea, 100–107, 140–150, 590–604, 871–881
C. leucomelas, 871–881
Calothorax lucifer, 44–56
Calypte, 787–796
C. anna, 44–56, 787–796
C. costae, 44–56, 787–796
Campephilus principalis, 882–888
 Campos, Alberto, see Rêgo, Péricles S., et al.
Campylopterus cirrochloris, 44–56
C. hemileucurus, 44–56
C. hyperythrus, 44–56
C. largipennis, 44–56
C. villaviscensio, 44–56
Campylorhampus, 430–439
C. falcularius, 430–439
C. longirostris, 430–439
C. procurvoides, 430–439
C. pucherani, 430–439
C. pusillus, 430–439
C. trochilirostris, 430–439
Campylorhynchus, 372–378
C. brunneicapillus, 387–393, 453–459
Camusia quintanai, 440–452
 Canada, 119–128
 Canary, 274–282; Common, 882–888
Capellirallus, 308–316
C. karamu, 308–316
 Capercaillie, 343–353, 926–931; Western, 617–625
 Capitonidae, 726–744
 Capitoninae, 726–744
 Caprimulgiformes, 453–459, 726–744
Caprimulgus arizonae, 726–744
C. vociferus, 387–393, 726–744
C. v. arizonae, 726–744
Caracara plancus, 222–231
 Caracara, 726–744, 820–831; Chimango, 222–231; Southern Crested, 222–231
 Cardinal, 726–744; Northern, 94–99, 263–273, 421–429, 471–484, 841–849
 Cardinalidae, 726–744
Cardinalis cardinalis, 94–99, 263–273, 421–429, 471–484, 841–849
Carduelis chloris, 832–840
Cariama cristata, 820–831
 Carib, Purple-throated, 626–635
Carina moschata, 495–502
 Carinatae, 590–604
 Carlile, Nicholas, see Thalmann, Sam J., et al.
 Carnivore, 820–831
 Carolina Parakeet film, 948–951
 Carpenter, Jennifer E., see Bush, Krista L., et al.
Carpodacus mexicanus, 263–273, 274–282
Carpodectes, 726–744
 Carrizo, Martín, see Delhey, Kaspar, et al.
 Carter, Harry R., see Adams, Josh, et al.
 Cassey, Phillip, see Maurer, Golo, et al.
 Cassowary, 820–831; Northern, 590–604; Southern, 590–604, 820–831
 Castro, Isabel, see Cunningham, Susan J., et al.
Casuaris, 590–604
C. casuaris, 590–604, 820–831
C. unappendiculatus, 590–604
 Catbird, Gray, 35–43, 108–118, 263–273, 293–299, 364–371, 773–780
Catharacta skua, 590–604
Cathartes aura, 453–459, 969–1001
 Cathartidae, 4–15, 726–744, 820–831
Catharus, 119–128
C. bicknelli, 514–522
C. fuscescens, 387–393
C. guttatus, 23–34, 108–118, 514–522, 636–646, 850–862
C. ustulatus, 23–34, 364–371, 471–484
Catherpes mexicanus, 387–393
Centrocercus urophasianus, 16–22, 343–353
Cephalopterus, 726–744
Cephus grylle, 590–604
 Cerasale, David J., and Christopher G. Guglielmo, 636–646
Ceratogymna fistulator, 590–604
Cercibis oxycerca, 308–316
Cerorhinca monocerata, 195–203, 590–604
Certhia americana, 23–34
C. pinus, 726–744
 Cerylidae, 820–831
Cettia, 726–744
C. diphone, 726–744
 Cettiidae, 726–744
Chaetocercus, 44–56
C. mulsant, 44–56
Chaetura pelagica, 841–849
 Chaffinch, Common, 471–484, 832–840
Chalcostigma herrani, 44–56
C. ruficeps, 44–56
Chalybura buffonii, 44–56
C. urochrysa, 44–56
Chamaea, 726–744
C. fasciata, 387–393, 726–744
 Chamaeidae, 726–744
 Chamberlain, Dan E., see Bell, Christopher P., et al.
 Charadriidae, 671–677, 820–831
 Charadriiformes, 308–316, 590–604, 671–677
Charadrius alexandrinus, 57–71, 402–410, 671–677
C. melodus, 57–71, 402–410
C. m. circumcinctus, 57–71
C. m. melodus, 57–71
C. montanus, 671–677
C. semipalmatus, 671–677
Chasiempis gayi, 726–744
C. ibidis, 726–744
C. sandwichensis, 726–744
C. sclateri, 726–744

- Chat, Yellow-breasted, 364–371
Chauna torquata, 590–604, 820–831
 CHD-gene, 16–22
Chen caerulescens atlantica, 72–78, 926–931
C. c. atlanticus, 162–172
C. c. caerulescens, 162–172
C. canagica, 162–172
C. rossi, 72–78, 653–659
 Chen, Jiakuan, see Gan, Xiaojing, et al.
 Chernetsov, Nikita, 232–234
 Chernetsov, Nikita, see Kishkinev, Dmitry, et al.
Chersophilus duponti, 274–282
 Chesser, R. Terry, see Claramunt, Santiago, et al.
 Chesser, R. Terry, et al., 726–744, 966
 Cheylan, Gilles, see Hernández-Matías, Antonio, et al.
 chick provisioning, 140–150
 Chickadee, Black-capped, 23–34, 274–282, 746–751, 882–888; Boreal, 882–888; Carolina, 841–849; Chestnut-backed, 23–34, 882–888
 chicken, 4–15, 35–43, 44–56, 343–353, 440–452, 495–502, 605–616, 704–708, 781–786
Chionis alba, 590–604
Chlamydera, 820–831
Chlidonias, 590–604
C. niger, 72–78
Chlorophoneus bocagei, 678–689
Chlorostilbon melanorhynchus, 44–56
C. mellisugus, 44–56
C. notatus, 44–56
 Choi, Chiyeung, see Gan, Xiaojing, et al.
 cholesterol, 820–831
Chondestes grammacus, 263–273
Chroicocephalus philadelphia, 72–78
Chrysolampis mosquitus, 44–56
Chrysomus, 726–744
C. icterocephalus, 726–744
Chrysuronia oenone, 44–56
 Cicero, Carla, see Chesser, R. Terry, et al.
 Cicero, Carla, see Winker, Kevin, et al.
Ciconia ciconia, 917–925
 Ciconiae, 726–744
 Ciconiidae, 726–744
 Ciconiiformes, 308–316, 453–459, 590–604, 660–670, 726–744, 820–831
Cincloramphus cruralis, 16–22
Cinnyris talatala, 151–155
Cisticola juncidis, 317–327
 Cisticola, Zitting, 317–327
Cistothorus palustris, 274–282
C. platensis, 274–282
Clamator, 759–764
C. glandarius, 759–764
C. hyemalis, 72–78
 Claramunt, Santiago, et al., 430–439
 Clark, Christopher J., 44–56
 Clark, Christopher J., see Feo, Teresa J., and -
 clearcut land, 354–363
 clutch, - initiation, 421–429; - size, 212–221, 222–231, 660–670, 917–925
Coccyzus americana, 387–393
Cochlearius cochlearius, 726–744
 Cockatiel, 232–234, 558–570
Coeligena coeligena, 44–56
C. lutetiae, 44–56
C. torquata, 44–56
C. violifer, 44–56
C. wilsoni, 44–56
Colaptes, 590–604
C. auratus, 590–604, 917–925
Colibri coruscans, 44–56, 232–234
C. delphinae, 44–56
C. thalassinus, 232–234
Colinus virginianus, 94–99, 387–393, 558–570
Colius striatus, 781–786
 collecting, 690–695
 color, 283–292; - blindness, 460–462
 Coltman, David W., see Bush, Krista L., et al.
Columba, 590–604
C. livia, 44–56, 704–708, 773–780
C. palumbus, 421–429
 Columbidae, 590–604, 787–796, 820–831
 Columbiformes, 453–459, 590–604
Columbina inca, 387–393
 communication, 156–161, 274–282
 community, 263–273, 626–635
 competition, 636–646
 complete mitochondrial genomes, 440–452
Compsothlypis gutturalis, 726–744
 condition dependence, 549–557
 condor recovery program, 969–1001
 Condor, Andean, 820–831, 969–1001; California, 4–15, 820–831, 969–1001
 conservation, 328–334, 335–342, 471–484, 807–819
 conspecific attraction, 485–494
 conspicuous eggs, 453–459
Conuropsis carolinensis, 948–951
 Cook, Mark I., see Herring, Garth, et al.
 Coot, American, 653–659
Coracias, 820–831
 Coraciidae, 820–831
 Coraciiformes, 558–570, 590–604, 820–831
Coracopsis vasa, 300–307
Coragyps atratus, 820–831
 Cormorant, 590–604, 696–703, 726–744, 820–831; Double-crested, 72–78, 590–604, 690–695, 696–703, 882–888; Great, 590–604
 Cornell, Kerri L., and Therese M. Donovan, 899–908
 Coronaves, 590–604
 Corsica, 129–139
 corticosterone, 540–548
 Corvidae, 300–307, 726–744, 820–831, 882–888
Corvus brachyrhynchos, 453–459, 590–604, 746–751, 841–849, 882–888
C. caurinus, 746–751, 882–888
C. corax, 765–772, 882–888, 969–1001
C. ossifragus, 232–234, 746–751
Cotinga, 726–744
 cotinga, 726–744
 Cotingidae, 726–744, 820–831
Coturnix coturnix japonica, 558–570, 781–786
C. japonica, 72–78, 704–708
 Coues Award, 2009: Charles R. Brown and Mary Bomberger Brown, 244–245
 Cowbird, Bay-winged, 222–231; Bronzed, 453–459; Brown-headed, 86–93, 263–273, 293–299, 328–334, 453–459, 759–764, 841–849, 889–908; Shiny, 222–231, 453–459
 Cracidae, 590–604, 820–831
 Crane, 440–452, 820–831; Black Crowned, 440–452; Black-necked, 440–452; Blue, 440–452; Brolga, 440–452; Demoiselle, 440–452; Eurasian, 440–452; Grey Crowned, 440–452; Hooded, 440–452; Red-crowned, 440–452; Sandhill, 440–452, 882–888; Sarus, 440–452; Siberian, 440–452; Wattled, 440–452; White-naped, 440–452; Whooping, 440–452, 969–1001

- Crataegus monogyna*, 532–539
 Crawford, Robert L., review by, 960–961
Crax, 820–831
C. alector, 590–604
C. daubentoni, 820–831
C. rubra, 590–604
 Creeper, Brown, 23–34
 Cristol, Daniel A., see Hallinger, Kelly K., et al.
 Crossbill, Red, 726–744, 832–840; South Hills, 726–744; White-winged, 882–888
 Crow, 726–744; American, 590–604, 746–751, 841–849, 882–888; Fish, 232–234, 746–751; Northwestern, 746–751, 820–831
Crypturellus soui, 453–459
 Cuckoo, 759–764; Common, 293–299, 759–764; Great Spotted, 759–764; Guira, 222–231; Yellow-billed, 387–393
Cuculus, 759–764
C. canorus, 293–299, 759–764
C. solitarius, 453–459
 Cunningham, Malcolm, see Cunningham, Susan J., et al.
 Cunningham, Susan J., et al., 308–316
 Curassow, 820–831; Alagoas, 590–604; Black, 590–604; Great, 590–604; Yellow-knobbed, 820–831
 curlew, 671–677
 Curnutt, John, review by, 241–242
 Cushing, J. M., see Henson, Shandelle M., et al.
 Cuthbert, Francesca J., see Roche, Erin A., et al.
Cyanistes caeruleus, 129–139, 882–888, 917–925
Cyanochem, 820–831
Cyanocitta, 726–744
C. cristata, 293–299, 841–849
C. stelleri, 23–34, 35–43, 882–888
Cyanocorax, 726–744
C. morio, 726–744
C. yucatanicus, 453–459
Cyanoliseus patagonus, 222–231
Cyanolyca, 726–744, 966
C. argentigula, 726–744, 966
C. cucullata, 726–744, 966
C. mirabilis, 726–744, 966
C. nana, 726–744, 966
C. pumilo, 726–744, 966
Cyanthus latirostris, 453–459
Cygnus, 820–831
C. buccinator, 590–604
C. olor, 590–604
Cynanthus sordidus, 44–56
Cyphorhinus phaeocephalus, 372–378, 726–744

 Dalton, Christopher M., see Jones, Andrew W., et al.
Damophilia julie, 44–56
Daption capense, 590–604
 Darter, 590–604, 726–744, 820–831; Indian, 590–604
 Darwin's finches, 4–15
 Dawson, Deborah A., see Durrant, Kate L., et al.
 de la Hera, Iván, et al., 647–652
 Dearborn, Donald C., see Hanley, Daniel, et al.
 del Hoyo, Josep, et al., Handbook of the Birds of the World, vol. 14: Bush-shrikes to Old World Sparrows (rev.), 714–717
 Delaware Bay, 394–401
 Delhey, Kaspar, et al., 222–231
Delichon urbica, 44–56
 den Boer-Visser, Ardie M., see den Hartog, Paula M., et al.
 den Hartog, Paula M., et al., 605–616

Dendragapus obscurus, 617–625
Dendrexetastes, 430–439
D. rufigula, 430–439
Dendrocincla, 430–439
D. fuliginosa, 430–439
Dendrocolaptes, 430–439
D. sanctithomae, 430–439
 Dendrocolaptinae, 430–439
Dendrocopos minor, 402–410
Dendrocoryna, 820–831
Dendroica caerulescens, 23–34, 471–484, 841–849, 889–908
D. cerulea, 23–34, 387–393, 471–484
D. chrysoparia, 797–806
D. coronata, 108–118, 354–363, 471–484, 882–888, 932–939
D. c. auduboni, 932–939
D. c. coronata, 354–363, 932–939
D. c. nigrifrons, 932–939
D. discolor, 387–393
D. dominica, 932–939
D. d. albilora, 932–939
D. d. dominica, 932–939
D. d. flavescens, 932–939
D. d. stoddardi, 932–939
D. flavescens, 932–939
D. kirtlandii, 932–939
D. magnolia, 636–646
D. pensylvanica, 387–393
D. petechia, 23–34, 263–273, 387–393, 453–459, 636–646
D. pinus, 726–744, 841–849
D. pityophila, 932–939
D. striata, 354–363, 471–484
D. townsendi, 387–393
D. virens, 387–393, 841–849, 889–908
 Derrickson, Scott R., see Walters, Jeffrey R., et al.
 Derryberry, Elizabeth P., see Claramunt, Santiago, et al.
 detectability, 119–128
 detection probability, 94–99, 841–849
 development, 253–262
 developmental, - constraints, 752–758; - stress, 156–161
 Devries, James H., see Arnold, Todd W., et al.
 DeWolfe, Barbara Blanchard, 1912–2008, In Memoriam, 235–237
 Dickcissel, 86–93, 263–273, 328–334, 364–371
Didunculus strigirostris, 590–604
 diet, 72–78, 108–118, 549–557, 850–862
Diglossa baritula, 151–155
 dimorphism, 44–56; sexual -, 626–635
 Dinsmore, Stephen J., see Skrade, Paul D. B., and -
Diomedea antipodensis, 590–604
D. exulans, 100–107
D. melanophris, 590–604
Discosura conversii, 44–56
D. letitiae, 44–56
D. popelairii, 44–56
 dispersal, 364–371, 372–378, 671–677; delayed -, 372–378; natal -, 173–184
 display, 787–796
 divergence times, 440–452
 divergent selection, 35–43
 diving, 523–531
 Diving-Petrel, Common, 590–604
 DNA, ancient -, 4–15; microsatellite -, 23–34, 57–71, 485–494, 617–625, 797–806, 807–819, 832–840; mitochondrial -, 23–34, 57–71, 335–342, 440–452, 605–616, 617–625, 797–806, 807–819, 932–939; - sequencing, 4–15, 335–342, 430–439, 440–452

- Dodo, 690–695
Dolichonyx oryzivorus, 86–93, 263–273
 Dominican Republic, 514–522
 Donacobiidae, 726–744
Donacobius, 726–744
D. atricapilla, 726–744
 Donovan, Therese M., see Cornell, Kerri L., and -
Doryfera johanna, 44–56
D. ludovicae, 44–56
 double-clock hypothesis, 773–780
 double-observer method, 841–849
 Doucet, Stéphanie M., see Hanley, Daniel, et al.
 Dove, 253–262, 453–459, 605–616, 787–796, 820–831; Inca, 387–393; Mourning, 453–459, 841–849; Ring, 571–580; Ring-necked, 605–616; Vinaceous, 605–616
 Downs, Colleen T., see Brown, Mark, et al.
 Downs, Colleen T., see Brown, Mark, et al.
 Draheim, Hope M., et al., 807–819
 Drent, Rudolf H., see Eichhorn, Götz, et al.
 Drent, Rudolf Herman, 1937–2008, In Memoriam, 463–464
Dromaius novaehollandiae, 590–604, 820–831
 drongo, 781–786
Drymornis, 430–439
D. bridgesii, 430–439
Drymotoxeres, 430–439
D. pucherani, 430–439
Dryocopus pileatus, 387–393, 590–604
 Duck, 72–78, 119–128, 212–221, 590–604, 704–708, 820–831; Comb, 590–604; Long-tailed, 72–78; Muscovy, 495–502; Pink-eared, 590–604
 Duckworth, Renée A., 752–758
Ducula, 820–831
Dumetella carolinensis, 35–43, 108–118, 263–273, 293–299, 364–371, 773–780
 Dunn, Jon L., see Chesser, R. Terry, et al.
 Durrant, Kate L., et al., 832–840
- Eagle, 726–744, 820–831; Bald, 696–703, 882–888, 969–1001; Bonelli's, 173–184; Golden, 969–1001; Stellar's Sea, 969–1001; White-tailed, 549–557, 969–1001
 east-west position, 773–780
 Eaton, Muir, see Seddon, Nathalie, et al.
 ecological trap, 909–916
Ectopistes migratorius, 690–695
 egg, - albumin, 765–772; - appearance, 293–299, 759–764; - color, 35–43; - coloration, 453–459; - dimensions, 940–947; - discrimination, 759–764; - equations, 940–947; - laying, 129–139, 195–203, 571–580; - polymorphism, 35–43; - recognition, 293–299; - rejection threshold, 759–764; - variation, 759–764; - volume, 222–231; - yolk, 72–78
 eggshells, 940–947
 Egret, 696–703, 820–831; Great, 660–670; Little, 590–604
Egretta, 696–703
E. garzetta, 590–604
 Eichhorn, Götz, et al., 162–172
 Eider, Common, 590–604, 653–659, 765–772; King, 72–78, 590–604; Spectacled, 72–78
Elaenia albiceps, 726–744
E. flavogaster, 726–744
E. f. albiceps, 726–744
E. f. chilensis, 726–744
E. f. modesta, 726–744
 Elaenia, White-crested, 726–744
 Elepaio, Hawaii, 726–744; Kauai, 726–744; Oahu, 726–744
 elevation gradient, 35–43
 Elliott, Ken A., see Moore, Levi C., et al.
 Elphick, Chris S., see Bayard, Trina S., and -
 Elphick, Chris S., see Hill, Christopher E., et al.
Elvira chionura, 44–56
E. cupriceps, 44–56
Emberiza, 726–744
E. hortulana, 274–282
E. pallasi, 317–327
E. schoeniclus, 317–327
E. spodocephala, 317–327
E. yessoensis, 317–327
 Emberizidae, 726–744
 emerging disease, 882–898
Empidonax traillii, 514–522
E. t. extimus, 471–484
E. virescens, 421–429, 471–484, 841–849
Empidonomus aurantioatrocristatus, 726–744
 Emu, 590–604, 820–831
 endangered species, 402–410, 807–819, 969–1001
 endemism, 617–625
 energetics, 558–570
 energy, - costs, 232–234; - demands, 781–786; - intake, 581–589; - metabolism, 253–262
Ensifera ensifera, 44–56, 626–635
 environmental, - cues, 129–139; - response, 35–43
 enzymes, 820–831
Eobaelearica, 440–452
E. turgarinovi, 440–452
Eos bornea, 781–786
Epinecrophylla fulviventris, 283–292
Eriocnemis alinae, 44–56
E. luciani, 44–56
E. mosquera, 44–56
E. vestita, 44–56
 Escalante, Patricia, see Winker, Kevin, et al.
 Espinosa de los Monteros, Alejandro, review by, 240–241
 Estrildidae, 726–744
 Estrildinae, 726–744
 ethics, 690–695
Eudocimus, 308–316
E. albus, 308–316, 660–670
E. ruber, 308–316
Eudromia elegans, 453–459, 820–831
Eudryptes chrysolophus, 590–604
Eudryptula minor, 590–604
Eugenes fulgens, 44–56, 151–155
Eulampis holosericeus, 44–56
E. jugularis, 44–56, 626–635
Euphagus carolinus, 293–299
E. cyanocephalus, 293–299
Eupherusa eximia, 44–56
E. nigriventris, 44–56
 Eurylaimidae, 820–831
Eurypyga helias, 590–604
 Eurypygidae, 726–744
 Eurypygiformes, 726–744
Eutoxeres aquila, 44–56
E. condamini, 44–56
 evolution, 23–34, 44–56, 590–604, 752–758; molecular -, 820–831
 experience, 532–539
- Fairy-wren, Superb, 300–307
Falcipectnis canadensis, 617–625

- F. c. canadensis*, 617–625
F. c. franklinii, 617–625
F. c. isleibi, 617–625
Falco columbarius, 402–410, 411–420
F. mexicanus, 72–78, 726–744
F. peregrinus, 23–34, 72–78, 882–888
F. rusticolus, 72–78, 590–604
F. sparverius, 16–22, 820–831, 882–888
Falcon, 726–744, 820–831; Peregrine, 23–34, 72–78, 882–888; Prairie, 72–78
Falconidae, 726–744, 820–831
Falconiformes, 590–604, 726–744, 820–831
family living, 372–378
Farmer, Christopher J., et al., 863–870
Farquhar, C. Craig, see Zink, Robert M., et al.
fat, - metabolism, 108–118; - storage, 394–401
feathers, 647–652
fecundity, 204–211; female -, 185–194
Federer, Rebekka N., see Oppel, Steffen, et al.
female, - age, 212–221; - body condition, 917–925; - condition, 16–22, 35–43, 212–221
fenbendazole, 653–659
Feo, Teresa J., and Christopher J. Clark, 787–796
Ficedula albicollis, 495–502
F. hypoleuca, 35–43, 917–925
Fieldfare, 532–539
Finch, 726–744; House, 263–273, 274–282; Zebra, 4–15, 156–161, 283–292, 495–502, 549–557, 832–840, 850–862
Firewood-gatherer, 222–231
fishery interactions, 140–150
flamingo, 590–604, 820–831
fledging success, 917–925
fledgling, - success, 653–659; - survival, 185–194
Fleischer, Robert C., see Lerner, Heather R. L., and -
flexibility, 752–758
Flicker, Northern, 590–604, 917–925
flight calls, 119–128, 232–234
Florida Everglades, 660–670
Florisuga mellivora, 44–56, 626–635
Flowerpiercer, Cinnamon-bellied, 151–155
Flycatcher, Acadian, 421–429, 471–484, 841–849; African Paradise, 79–85; Brown-crested, 283–292; Collared, 495–502; Crowned Slaty, 726–744; Pied, 35–43, 917–925; Sandwich, 726–744; Scissor-tailed, 263–273; Social, 222–231; Southwestern Willow, 471–484; White-tailed Crested, 79–85; Willow, 514–522
food, - availability, 195–203, 204–211, 581–589, 696–703; - consumption, 140–150; - resources, 317–327
foraging, 100–107, 503–513, 532–539, 581–589, 871–881; - behavior, 140–150, 523–531
forest, - fragmentation, 185–194; - management, 185–194
Forpus passerinus, 558–570
Forshaw, Joseph M., Trogons: A Natural History of the Trogonidae (rev.), 240–241
Franzreb, Kathleen E., see Stodola, Kirk W., et al.
Fratercula, 590–604
F. arctica, 590–604
F. cirrhata, 590–604
F. corniculata, 590–604
Fregata, 590–604
F. ariel, 726–744
F. minor, 590–604, 871–881
Fregatae, 726–744
Fregatidae, 590–604, 726–744, 820–831
Friesen, Vicki L., see Bull, Roger D., et al.
Frigatebird, 726–744, 820–831; Great, 590–604, 871–881
Fringilla aestivalis, 726–744
F. coelebs, 471–484, 832–840
frugivory, 108–118, 532–539; seasonal -, 850–862
fruit dove, 820–831
fruit, 850–862
fruit-size preferences, 532–539
Fry, D. Michael, see Walters, Jeffrey R., et al.
fuel load, 232–234
Fulica americana, 653–659
Fulmar, Northern, 590–604
Fulmarus glacialis, 590–604
Furnariidae, 222–231, 430–439
Furnariinae, 430–439
Furnarius, 430–439
F. rufus, 430–439
Gadwall, 379–386
Gagnon, François, et al., 119–128
Galbula, 940–947
Galliformes, 590–604, 820–831, 926–931
Gallinula, 590–604
G. chloropus, 590–604
Galloanserae, 590–604
Gallus, 590–604
G. gallus, 4–15, 35–43, 44–56, 343–353, 781–786
G. g. domesticus, 440–452, 605–616, 704–708
Galusha, Joseph G., see Henson, Shandelle M., et al.
Gan, Xiaojing, et al., 317–327
Gannet, 72–78, 590–604, 726–744, 820–831; Northern, 590–604
Gaston, Anthony J., see Bull, Roger D., et al.
Gavia, 590–604
G. immer, 156–161, 453–459, 590–604
G. pacifica, 882–888
Gaviiformes, 590–604
Gawlik, Dale E., see Herring, Garth, et al.
gene expression, 4–15; - flow, 23–34
genetic, - diversity, 343–353, 832–840; - reduction, 832–840; - sexing, 16–22; - structure, 57–71
genetics, 605–616; conservation -, 797–806; population -, 617–625, 807–819
genomes, 4–15
geolocators, 100–107
Geothlypis trichas, 94–99, 263–273, 471–484
Geranopsis, 440–452
G. hastingsiae, 440–452
Geronticus, 308–316
G. eremita, 308–316
Gerstmar, Heather, see Wiebe, Karen L., and -
Gill, Sharon A., and Bridget J. M. Stutchbury, 372–378
Giudici, Alessandro, see Passos, Carlos, et al.
Gjerdrum, Carina, see Hill, Christopher E., et al.
glacial refugia, 23–34
Glareola maldivarum, 726–744
G. pratincola, 726–744
Glaucis aeneus, 44–56
G. hirsutus, 44–56
global location sensors, 871–881
Gloutney, Mark L., see Lusignan, Alain P., et al.
Gnatcatcher, 726–744; Blue-gray, 263–273, 387–393, 841–849
gnatwren, 726–744
Gnoske, Thomas P., see Voelker, Gary, et al.
godwit, 671–677
Goldeneye, Barrow's, 72–78; Common, 379–386

- Gonzalez Rojas, Jose I., see Zink, Robert M., et al.
 González-Solís, Jacob, see Passos, Carlos, et al.
 Goodwin, Derek, 1920–2008, In Memoriam, 955
 Goose, 119–128, 162–172, 820–831; Barnacle, 162–172, 232–234; Bar-headed, 232–234; Canada, 841–849; Cackling Canada, 162–172; Dusky Canada, 162–172; Emperor, 162–172; Greater Snow, 72–78, 162–172, 926–931; Greater White-fronted, 162–172; Hawaiian, 832–840; Lesser Snow, 162–172; Magpie, 590–604, 820–831; Ross's, 72–78, 653–659; Western Canada, 162–172
Goura cristata, 820–831
 Grackle, Boat-tailed, 759–764; Common, 263–273, 293–299, 759–764, 841–849; Great-tailed, 263–273, 293–299, 759–764; Tristram's, 850–862
 Grassbird, 726–744; Marsh, 317–327
 grassland, 328–334; - breeding birds, 86–93
 Gratto-Trevor, Cheri L., see Miller, Mark P., et al.
 Grebe, Great Crested, 590–604
 Greenbul, Cabanis's, 79–85; Little, 79–85; Shelley's, 79–85
 Greenfinch, European, 832–840
 Griffith, Emily H., et al., 387–393
 Grosbeak, Blue, 263–273; Pine, 23–34, 832–840, 882–888; Rose-breasted, 185–194
 Grouse, 617–625, 820–831; Black, 343–353, 617–625; Chinese, 926–931; Dusky, 617–625; Red, 343–353, 653–659; Spruce, 617–625
 growth, 253–262; - efficiency, 558–570; - rates, 140–150
 Gruidae, 440–452, 820–831
 Gruiformes, 440–452, 726–744, 820–831
 Gruinae, 440–452
Grus, 440–452
G. afghana, 440–452
G. americana, 440–452, 969–1001
G. antigone, 440–452
G. bohatshevi, 440–452
G. canadensis, 440–452, 882–888
G. conferta, 440–452
G. cubensis, 440–452
G. grus, 440–452
G. japonensis, 440–452
G. latipes, 440–452
G. leucogeranus, 440–452
G. melitensis, 440–452
G. miocenicus, 440–452
G. monachus, 440–452
G. nannodes, 440–452
G. nigricollis, 440–452
G. primigenia, 440–452
G. rubicunda, 440–452
G. vipio, 440–452
 Guan, Horned, 590–604
 Guglielmo, Christopher G., see Cerasale, David J., and -
 Guillemot, 940–947; Black, 590–604
 guineafowl, 820–831
Gaira guira, 222–231
 Guitián, José, see Sobral, Mar, et al.
 Gull, 72–78, 119–128, 283–292, 671–677, 820–831; Bonaparte's, 72–78; California, 72–78; Glaucous-winged, 571–580; Glaucous-winged × Herring, 882–888; Greater Black-backed, 765–772; Herring, 72–78, 590–604, 765–772; Laughing, 232–234; Mew, 72–78, 917–925; Ring-billed, 72–78, 590–604; Sabine's, 590–604
Gygis alba, 453–459
Gymnogyps californianus, 4–15, 820–831, 969–1001
Gymnophis leucaspis, 283–292
Gymnorhina tibicen, 421–429
Gymnorhinus, 726–744
Gyps coprotheres, 969–1001
G. fulvus, 969–1001
 Gyrfalcon, 590–604, 72–78
 habitat, - quality, 636–646, 909–916; - selection, 354–363, 485–494; - structure, 317–327; - use, 308–316
 Hackett, Shannon J., see Voelker, Gary, et al.
Haematopus, 590–604
H. ostralegus, 653–659
 Hagey, Lee R., et al., 820–831
 Haida Gwaii, 23–34
 Haig, Susan M., see Draheim, Hope M., et al.
 Haig, Susan M., see Miller, Mark P., et al.
 Haig, Susan M., see Walters, Jeffrey R., et al.
 Halcyonidae, 820–831
Haliaeetus albicilla, 549–557, 969–1001
H. leucocephalus, 696–703, 882–888, 969–1001
H. pelagicus, 969–1001
 Hallinger, Kelly K., et al., 156–161
Halobaena caerulea, 590–604
 Hamerkop, 820–831
Handbook der Oologie, 940–947
 Handel, Colleen M., et al., 882–898
 Handel, Colleen M., see Van Hemert, Caroline, and -
 Hanley, Daniel, et al., 453–459
Haplophaedia aureliae, 44–56
H. lugens, 44–56
 Hau, Michaela, see Robinson, W. Douglas, et al.
 Hawaiian honeycreeper, 690–695
 hawfinch, 590–604
 Hawk, 726–744, 820–831; Broad-winged, 387–393; Cooper's, 421–429, 863–870; Red-shouldered, 387–393; Red-tailed, 590–604, 882–888; Sharp-shinned, 23–34, 411–420, 863–870
 Hayes, William K., see McKay, Bailey D., et al.
 Hayward, James L., see Henson, Shandelle M., et al.
 Haywood, Sacha, *The Laws of Evolution and Derived Lawlike Principles* (rev.), 961–963
 heavy metal, 156–161
Heliactin bilophus, 44–56
Heliangelus amethysticollis, 44–56
H. exortis, 44–56
H. zusii, 44–56
Heliodoxa aurescens, 44–56
H. branickii, 44–56
H. imperatrix, 44–56
H. jacula, 44–56
H. leadbeateri, 44–56
H. rubinoides, 44–56
H. schreibersii, 44–56
H. xanthogonys, 44–56
Heliomaster longirostris, 44–56
 Heliornithidae, 440–452
Heliophryx, 44–56
H. barroti, 44–56
 helminths, 653–659
Helmitheros vermivorum, 364–371, 387–393, 471–484
 Henson, Shandelle M., et al., 571–580
 herbivore, 820–831
 Herbst corpuscles, 308–316
 Hermit, Pale-bellied, 44–56
 Hernández-Matías, Antonio, et al., 173–184
 Heron, 696–703, 726–744, 820–831; Gray, 590–604; Purple, 726–744; Striated, 590–604
 Herring, Garth, et al., 660–670

- Hesperornis*, 590–604
 hesperornithiforms, 590–604
Heteralocha acutirostris, 626–635
 hierarchical models, 387–393
 Hieronymus, Tobin I., and Lawrence M. Witmer, 590–604
 Hill, Christopher E., et al., 300–307
 Hindell, Mark, see Thalmann, Sam J., et al.
 Hipfner, J. Mark, et al., 195–203
 Hirundinidae, 44–56
Hirundo pratincola, 726–744
H. rustica, 44–56, 232–234, 841–849
 Hoatzin, 558–570
 Hochachka, Wesley M., review by, 468
 Hofmann, Alan F., see Hagey, Lee R., et al.
 Holberton, Rebecca L., see Horton, Brent M., and -
 Hollmén, Tuula E., see Oppel, Steffen, et al.
 homology, 590–604
 homoplasy, 590–604
 Honeyeater, 151–155; New Holland, 151–155
 hoopoe, 820–831
 hormones, 253–262
 Hornbill, 820–831, 850–862; Eastern Yellow-billed, 590–604; Great,
 590–604; Helmeted, 590–604; Indian Pied, 590–604; Northern
 Ground, 590–604; Piping, 590–604; Red-billed, 590–604; Rufous,
 590–604; Silvery-cheeked, 590–604; Southern Ground, 590–604;
 Trumpeter, 590–604; Visayan Tarctic, 590–604; Wreathed,
 590–604
 Horton, Brent M., and Rebecca L. Holberton, 540–548
 host use, 263–273
 Hough, Gerald E., see Winker, Kevin, et al.
 Howerter, David W., see Arnold, Todd W., et al.
 Huia, 626–635
 human vision, 283–292
 Hummingbird, 44–56, 151–155, 253–262, 626–635, 704–708, 787–796,
 820–831; Anna's, 44–56, 787–796; Black-chinned, 626–635, 787–
 796; Broad-tailed, 787–796; Copper-rumped, 626–635; Costa's,
 787–796; Dusky, 44–56; Giant, 44–56; Lucifer, 44–56; Magnificent,
 151–155; Ruby-throated, 626–635, 787–796; Sparkling-tailed,
 44–56; Sward-billed, 626–635; Vervain, 44–56
 hybrid zone, 605–616
 Hydrobatidae, 820–831
 hydrology, 660–670
Hydroprogne caspia, 72–78
Hylexastates, 430–439
H. perrotii, 430–439
Hylocharis cyanus, 44–56
H. eliciae, 44–56
H. greyi, 44–56
H. sapphirina, 44–56
Hylocichla mustelina, 185–194, 364–371, 471–484, 514–522, 850–862,
 889–908
Hylophylax naevioides, 253–262
Hypocnemis peruviana, 283–292
 Ibarzabal, Jacques, see Gagnon, François, et al.
 Ibis, 308–316, 453–459, 590–604, 726–744, 820–831; Australian White,
 308–316; Bare-faced, 308–316; Black-faced, 308–316; Buff-necked,
 308–316; Glossy, 308–316; Green, 308–316; Madagascar Crested,
 308–316; Northern Bald, 308–316; Scarlet, 308–316; Sharp-tailed,
 308–316; Wattled, 308–316; White, 308–316, 660–670; White-
 faced, 308–316, 590–604
Icteria virens, 364–371
 icterine, 293–299
Icterus bullockii, 293–299, 471–484
I. dominicensis, 726–744, 932–939
I. d. portoricensis, 726–744
I. melanopsis, 726–744
I. northropi, 726–744
I. portoricensis, 726–744
I. spurius, 263–273
I. virescens, 726–744
Ichthyornis, 590–604
 immune, - function, 394–401; - system, 253–262
 inbreeding, 832–840
 incubation, 162–172; - stage, 79–85
 individual, - quality, 421–429; - recognition, 274–282
 Iñigo-Elias, Eduardo E., see Snyder, Noel F. R., et al.
 introgression, 605–616
 isolation by distance, 797–806, 807–819
Ithaginis cruentus, 926–931
Ixobrychus exilis, 726–744
I. minutus, 726–744
I. m. dubius, 726–744
I. m. novaezelandiae, 726–744
Ixoreus naevius, 23–34, 387–393, 882–888
 jacana, 820–831
 Jackson, Jerome A., 955
 jacamar, 940–947
 Jacobin, White-necked, 626–635
 Jaeger, Parasitic, 72–78
 Jakić, Fabian M., see Marks, Jeffrey S., and -
 Jay, 726–744, Blue, 293–299, 841–849; Mexican, 35–43; Steller's, 23–34,
 35–43, 882–888
 Jenkinson AOU Service Award, 2009: M. Ross Lein, 248–249
 Jensen, William E., see Rivers, James W., et al.
 jetlag mechanism, 773–780
 Jia, Chen-Xi, et al., 926–931
 Johnson Young Investigator Award, 2009: Renée Duckworth, 245–246
 Johnson, Devin S., see Schmidt, Joshua H., et al.
 Johnson, Steven D., see Brown, Mark, et al.
 Johnston, David W., review by, 239
 Jones, Andrew W., see Zink, Robert M., et al.
 Jones, Andrew W., et al., 696–703
 Jones, Ian L., see Lusignan, Alain P., et al.
 Jonsson, Lars, Lars Jonsson's Birds: Paintings from a Near Horizon (rev.),
 721–724
 Junco, Dark-eyed, 108–118, 253–262, 471–484, 882–888
Junco hyemalis, 108–118, 253–262, 471–484, 882–888
 Jungle Fowl, Red, 4–15
 Kagu, 726–744, 820–831
 Kahindo, Charles, see Voelker, Gary, et al.
 Katsumata, Nobuhiro, see Yamamoto, Takashi, et al.
 Kazmer, Katherine A., see Hallinger, Kelly K., et al.
 Keast, James Allen, 1922–2009, In Memoriam, 952–954
 Kershner, Eric L., see Walk, Jeffery W., et al.
 Kestrel, American, 16–22, 820–831, 882–888
 Kim, Daniel H., see Stodola, Kirk W., et al.
 Kingbird, Eastern, 263–273, 293–299, 421–429, 471–484
 kingfisher, 820–831
 Kinglet, Ruby-crowned, 882–888
 Kishkinev, Dmitry, et al., 773–780
 kite, 726–744
 Kittiwake, Black-legged, 523–531, 882–888
 Kiwi, 308–316; Brown, 590–604; Great Spotted, 308–316; Little Spotted,
 308–316, 590–604; North Island Brown, 308–316; Southern Brown,
 820–831

- Klais guimeti*, 44–56
 Klasing, Kirk C., see Robinson, W. Douglas, et al.
 Knot, Red, 232–234, 394–401
 Koa-finch, Lesser, 690–695
 Kosciuch, Karl L., see Rivers, James W., et al.
 Krajewski, Carey, et al., 440–452
 Krasowski, Matthew D., see Hagey, Lee R., et al.
 Kratter, Andrew W., see Chesser, R. Terry, et al.
 Krech, Shepard, III, *Spirits of the Air: Birds and American Indians in the South* (rev.), 239

Lafresnaya lafresnaya, 44–56
Lagopus lagopus scoticus, 343–353, 653–659
L. leucura, 917–925
L. muta, 343–353
 Lammertink, Martjan, review by, 466
Lampornis calolaemus, 44–56
L. castaneiventris, 44–56
L. hemileucus, 44–56
 landbird, 514–522
 landscape fragmentation, 899–908
 Langlois, Lillie A., and Scott R. McWilliams, 850–862
Laniarius, 678–689
L. aethiopicus erlangeri, 678–689
L. ambiguus, 678–689
L. atrococcineus, 678–689
L. atroflavus, 678–689
L. barbarus, 678–689
L. bicolor, 678–689
L. erythrogaster, 678–689
L. ferrugineus, 678–689
L. fuelleborni fuelleborni, 678–689
L. f. ulugurensis, 678–689
L. f. usambaricus, 678–689
L. funebris, 678–689
L. leucorhynchus, 678–689
L. liberatus, 678–689
L. luehderi, 678–689
L. major, 678–689
L. mufumbiri, 678–689
L. poensis, 678–689
L. p. camerunensis, 678–689
L. p. holomelas, 678–689
L. p. poensis, 678–689
L. ruficeps, 678–689
L. turati, 678–689
L. willardi, 678–689
Lanius excubitor, 590–604
L. schach, 317–327
 Laridae, 283–292
 Lark, Dupont's, 274–282; Flappet, 787–796; Sky, 274–282
 Larrinaga, Asier R., see Sobral, Mar, et al.
Larus, 590–604
L. argentatus, 590–604, 765–772
L. californicus, 72–78
L. canus, 72–78, 917–925
L. delawarensis, 72–78, 590–604
L. glaucescens, 571–580
L. g. × argentatus, 882–888
L. marinus, 765–772
Larvivor sibilans, 726–744
 laying date, 222–231, 917–925
 Lea, Mary-Anne, see Thalmann, Sam J., et al.
 lead poisoning, 969–1001

 leaf warbler, 726–744
 Lee, David S., see McKay, Bailey D., et al.
Leiothlypis, 726–744
Leiothrix lutea, 726–744
 leks, 343–353
Lepidocolaptes, 430–439
L. lacrymiger, 430–439
Lepidopyga coeruleogularis, 44–56
 Lerner, Heather R. L., and Robert C. Fleischer, 4–15
Lesbia nuna, 44–56
L. victoriae, 44–56
Leucippus chionogaster, 44–56
L. hypostictus, 44–56
Leucogeranus, 440–452
L. leucogeranus, 440–452
Leucophaeus atricilla, 232–234
 Li, Bo, see Gan, Xiaojing, et al.
 life history, 253–262, 372–378, 647–652, 660–670
Limnothlypis swainsonii, 23–34, 471–484
 Limpkin, 440–452, 590–604
 Lindberg, Mark S., see Schmidt, Joshua H., et al.
 Linder, Eric T., see Stodola, Kirk W., et al.
Lipaugus, 726–744
 lipid correction, 72–78; - extraction, 72–78
 local dialects, 274–282
Locustella, 726–744
Loddigesia mirabilis, 44–56
 long-distance migrant, 773–780
 Longspur, 726–744; Chestnut-collared, 387–393
 Loon, Common, 156–161, 590–604, 820–831; Pacific, 882–888;
 Red-throated, 590–604
Lophodytes cucullatus, 590–604
Lophophorus impejanus, 820–831
L. lhuysii, 820–831
Lophornis delattrei, 44–56
L. pavoninus, 44–56
Lophotibis, 308–316
L. cristata, 308–316
 Lorikeet, 781–786; Rainbow, 151–155, 781–786
 Lory, Red, 781–786
 Lovette, Irby J., see Chesser, R. Terry, et al.
Loxia curvirostra, 832–840
L. leucoptera, 882–888
L. sinesciurus, 726–744
Luscinia calliope, 726–744
L. luscinia, 274–282
L. megarhynchos, 471–484
L. sibilans, 726–744
L. svecica, 317–327, 471–484
 Lusignan, Alain P., et al., 765–772
 luteinizing hormone, 571–580
 Lyrebird, Superb, 926–931

 Ma, Zhijun, see Gan, Xiaojing, et al.
Macronectes, 590–604
M. giganteus, 590–604
 macronutrients, 72–78
 Magpie, Australian, 421–429; Black-billed, 44–56, 232–234, 882–888;
 Common, 421–429
 Mahler, Bettina, see Delhey, Kaspar, et al.
 Malaconotidae, 678–689
Malacorhynchus, 820–831
M. membranaceus, 590–604
 Mallard, 72–78, 212–221, 379–386, 704–708

- Malurus cyaneus*, 300–307
Manacus, 787–796
M. manacus, 283–292
 Manakin, Araripe, 335–342; Helmeted, 335–342; White-bearded, 283–292
 Mango, Jamaican, 44–56
 Manitoba, 653–659
 Mann, Clive F., *The Birds of Borneo* (rev.), 466
 maps, 460–462
 MARK, 94–99, 402–410
 Marks, Ben D., see Voelker, Gary, et al.
 Marks, Jeffrey S., and Fabian M. Jaksic, 709–710
 Martell, Mark, see Farmer, Christopher J., et al.
 Marti, Carl D., 1944–2010, In Memoriam, 709–710
 Martin, House, 44–56
 Martin, Jason M., et al., 909–916
 Marzluff, John M., see Walters, Jeffrey R., et al.
 mass, 100–107; body -, 162–172
 match-mismatch, 195–203
 mating, 485–494; multiple -, 300–307; - system, 300–307
 Matsuoka, Steven M., see Handel, Colleen M., et al.
 Maurer, Golo, et al., 940–947
 McCleery, Robert A., see Peer, Brian D., et al.
 McCormack, John E., and Elena C. Berg, 35–43
 McCracken, Andr e, see Bull, Roger D., et al.
 McFarland, Kent P., see Townsend, Jason M., et al.
 McFarlane-Tranquilla, Laura A., see Hipfner, J. Mark, et al.
 McKay, Bailey D., et al., 932–939
 McWilliams, Scott R., see Langlois, Lillie A., and -
 McWilliams, Scott R., see Smith, Susan B., and -
 Meadowlark, Eastern, 86–93, 263–273, 328–334, 364–371
 mechanical sound, 787–796
 Megaluridae, 726–744
Megalurus pryeri, 317–327
Megascops asio, 590–604
 Mehl, Katherine R., see Lusignan, Alain P., et al.
 Meijer, Harro A. J., see Eichhorn, G tz, et al.
Melanerpes carolinus, 841–849
 melanin, 549–557
Melanitta americana, 726–744, 966
M. nigra, 726–744, 966
Meleagris gallopavo, 4–15, 495–502
Mellisuga minima, 44–56
Melospiza undulatus, 232–234, 283–292, 558–570, 850–862
Melospiza lincolni, 882–888
M. melodia, 23–34, 156–161
Melozona, 726–744, 966
M. aberti, 726–744, 966
M. albicollis, 726–744, 966
M. biarcuata, 726–744, 966
M. crissalis, 726–744, 966
M. fusca, 726–744, 966
M. kierni, 726–744, 966
M. leucotis, 726–744, 966
Menura superb, 926–931
 mercury, 156–161
 Merganser, 590–604; Common, 590–604, 820–831; Hooded, 590–604; Red-breasted, 696–703
Mergus merganser, 590–604, 820–831
M. serrator, 696–703
 Merlin, 402–410, 411–420
 Meropidae, 820–831
Mesembrinibus cayennensis, 308–316
Metallura aeneocauda, 44–56
M. phoebe, 44–56
M. williamsi, 44–56
 Metaves, 590–604
 Meteyer, Carol U., see Handel, Colleen M., et al.
 methodology, 72–78, 79–85, 86–93, 94–99, 100–107, 119–128, 283–292, 379–386, 387–393, 704–708, 841–849, 863–870
Microchera albocoronata, 44–56
 microtrash ingestion, 969–1001
 migration, 108–118, 394–401, 636–646, 647–652, 773–780, 850–862, 863–870, 871–881, 917–925; - counts, 863–870; nocturnal -, 119–128
 Miller, Mark P., et al., 57–71
 Miller, Mark P., see Draheim, Hope M., et al.
Milvago chimango, 222–231
Milvus, 590–604
 Mimidae, 726–744
Mimus polyglottos, 94–99, 293–299, 841–849
Mirafra rufocinnamomea, 787–796
 Mitchell, Greg W., et al., 354–363
 mitochondrial genes, 430–439
Mitu mitu, 590–604
Mniotilta varia, 841–849
 moa, 4–15
 Mockingbird, Northern, 94–99, 293–299, 841–849
Molothrus, 765–772
M. ater, 86–93, 263–273, 293–299, 328–334, 453–459, 759–764, 841–849, 889–908
M. bonariensis, 222–231, 453–459
 molt, 549–557
 molt-migration tradeoff, 647–652
 Momotidae, 820–831
 Monal, Chinese, 820–831; Himalayan, 820–831
 Moore, Levi C., et al., 185–194
 Moorhen, Common, 590–604
 Mordecai, Rua S., see Riddle, Jason D., et al.
 Morgan, Gina M., et al., 581–589
 Morgan, Michael R., et al., 86–93
 morphology, 430–439, 605–616, 626–635, 678–689, 932–939; bill -, 626–635; functional -, 590–604
 morphometric heterogeneity, 430–439
 morphometrics, geometric -, 626–635
 Morrison, Michael L., *Wildlife-Habitat Relationships: Concepts and Applications*, 3rd ed. (rev.), 239–240
 mortality, 704–708; adult -, 402–410
Morus bassanus, 590–604
Motacilla flava, 317–327
M. noveboracensis, 726–744
 Motacillidae, 274–282
 motmot, 820–831
 Mountain-gem, Purple-throated, 44–56; White-bellied, 44–56
 Mountain-Toucan, Plate-billed, 590–604
 Mouritsen, Henrik, see Kishkinev, Dmitry, et al.
 Mousebird, 253–262, 781–786, 820–831; Speckled, 781–786
 movements, 364–371
 Mulcahy, Daniel M., see Handel, Colleen M., et al.
 Mullin, Thomas D., see Miller, Mark P., et al.
 multiple parasitism, 263–273
 multiplexing, 4–15
 multiseason occupancy models, 899–908
 Murphy, Michael T., 1–3, 963
 Murre, Thick-billed, 195–203, 590–604
Muscicapa albiceps, 726–744
M. sandwichensis, 726–744
 Muscicapidae, 820–831, 940–947

- museum specimens, 678–689, 690–695
Myadestes woahensis, 690–695
Mycteria americana, 726–744
Myiarchus tyrannulus, 283–292, 453–459
Myiobius atricaudus, 453–459
Myiopsitta monachus, 222–231
Myiozetetes similis, 222–231
Myrmeciza hemimelaena, 283–292
Myrmorchilus strigilatus, 283–292
Myrtis fanny, 44–56
- Nasica*, 430–439
N. longirostris, 430–439
 natal home range, 364–371
 Navarro, Joan, see Passos, Carlos, et al.
 navigation, 773–780
 nectar, 151–155; - composition, 151–155
Nectarina famosa, 151–155
N. olivacea, 79–85
 nectarivore, 151–155; occasional -, 781–786
 Neoaves, 590–604
Neochen, 820–831
 Neognathae, 308–316, 590–604, 820–831
 Neornithes, 590–604
Nesopsar nigerrimus, 726–744
 nest, - abandonment, 402–410; - aggregation, 485–494; - fate, 671–677;
 - monitoring, 402–410; - predation, 222–231, 453–459, 765–772;
 - records, 79–85; - success, 86–93, 204–211, 222–231, 328–334; -
 survival, 79–85, 660–670, 765–772
 nesting, 79–85; - ecology, 660–670; - success, 909–916; - synchrony,
 300–307
 nestling, - stage, 79–85; - period, 204–211
 Nettleship, David N., 712–713
 Newmark, William D., see Stanley, Thomas R., and -
 Newton, Ian, see Farmer, Christopher J., et al.
 next-generation sequencing methods, 4–15
 Niemi, Gerald J., review by, 239–240
 Nightingale, 471–484; Thrush, 274–282
 nightjar, 253–262
 nitrogen balance, 850–862
 nonbreeding, - diet, 514–522; - period, 871–881
 nonpasserine, 119–128, 283–292, 328–334, 781–786, 940–947
 Norment, Christopher, see Morgan, Michael R., et al.
 North American Breeding Bird Survey, 387–393
Nucifraga caryocatactes, 820–831
 nuclear intron, 430–439
 Nutcracker, 590–604; Spotted, 820–831
 Nuthatch, 882–888; Brown-headed, 932–939; Eurasian, 882–888;
 Red-breasted, 882–888; White-breasted, 387–393
 nutrient accretion, 558–570
Nyctibius grandis, 590–604
Nymphicus hollandicus, 232–234, 558–570
- O'Brien, Diane M., see Oppel, Steffen, et al.
 occupancy, 94–99
Oceanites oceanicus, 590–604
Oceanodroma castro, 726–744
O. furcata, 140–150
O. leucorhoa, 726–744
O. microsoma, 726–744
O. monorhis, 726–744
 oceanographic features, 503–513
 Ödeen, Anders, see Seddon, Nathalie, et al.
 Odontoholomorphae, 590–604
Oenanthe oenanthe, 471–484
Oidemia americana, 726–744
 omnivore, 820–831
Onychognathus tristrami, 850–862
Onychoprion fuscatus, 807–819
 Openbill, African, 590–604
Opisthocomus hoazin, 558–570
Opisthoprora euryptera, 44–56
 Oppel, Steffen, et al., 72–78
 optimal migration theory, 232–234
Orcreatus underwoodii, 44–56
Oreonympha nobilis, 44–56
Oreophasis derbianus, 590–604
Oreothlypis, 726–744
O. celata, 726–744, 882–888
O. crissalis, 726–744
O. gutturalis, 726–744
O. luciae, 726–744
O. peregrina, 726–744
O. ruficapilla, 726–744
O. superciliosa, 726–744
O. virginiae, 726–744
Oreotrochilus, 44–56
O. chimborazo, 44–56
O. estella, 44–56
 organochlorine contaminants, 969–1001
 Oriole, 781–786; Bahama, 726–744; Bullock's, 293–299, 471–484; Cuban,
 726–744; Greater Antillean, 932–939; Hispaniolan, 726–744;
 Orchard, 263–273; Puerto Rican, 726–744
Oriolus chinensis, 453–459
O. dominicensis, 726–744
O. icterocephalus, 726–744
 ornament, 44–56, 549–557
 Ornithurae, 590–604
 ornithurine, 590–604
Orthorhynchus cristatus, 44–56
 oscine, 156–161, 726–744
 Osiejuk, Tomasz S., see Petrusková, Tereza, et al.
 Osprey, 696–703, 726–744, 820–831, 863–870
 Ostrich, 590–604, 820–831
 Otitidae, 4–15
 Outlaw, Robert K., see Voelker, Gary, et al.
 Ovenbird, 185–194, 204–211, 364–371, 471–484, 514–522, 889–908
 ovulation, 571–580
 Owl, 820–831; Barn, 549–557, 909–916; Boreal, 917–925; Northern
 Saw-whet, 23–34; Northern Spotted, 94–99, 969–1001; Snowy,
 820–831; Spotted, 797–806
Oxyopogon guerinii, 44–56
 Oystercatcher, Eurasian, 653–659
- Pacheco, M. Andreina, et al., 558–570
Pachyornis elephantopus, 4–15
Pachyptila desolata, 590–604
P. turtur, 590–604
P. vittata, 590–604
 painted-snipe, 820–831
 Pajot, Lisa M., see Handel, Colleen M., et al.
Palaeogrus, 440–452
P. excelsa, 440–452
P. hordwelliensis, 440–452
P. mainburgensis, 440–452
P. princeps, 440–452
 Paleognathae, 590–604, 820–831
Pandion haliaetus, 696–703, 820–831, 863–870

- Pandionidae, 726–744
 Pandioninae, 726–744
Panterpe insignis, 44–56
Panurus biarmicus, 495–502
 Paradisaeidae, 44–56
Paradoxornis heudei, 317–327
P. webbianus, 317–327
Parahesperornis, 590–604
 Parakeet, 948–951; Burrowing, 222–231; Canary-winged, 948–951; Carolina, 948–951; Green, 948–951; Monk, 222–231; Plain, 948–951
 parasites, 653–659
 parental, - behavior, 204–211; - care, 253–262, 540–548; - investment, 16–22; - quality, 195–203
 Parkes, Nigel G., see Bell, Christopher P., et al.
Parkesia, 726–744
P. motacilla, 726–744
P. noveboracensis, 726–744
 Parrot, 283–292, 558–570, 820–831, 948–951; African Gray, 850–862; Cuban, 932–939; Greater Vasa, 300–307; Presquet's, 850–862; Thick-billed, 948–951
 Parrotbill, Reed, 317–327; Vinous-throated, 317–327
 Parrotlet, 558–570; Green-rumped, 558–570
Parula, 726–744
P. americana, 726–744
P. gutturalis, 726–744
P. pitiaiyumi, 726–744
 parulid, 932–939
 paruline, 514–522
Parus, 354–363, 571–580
P. caeruleus, 283–292
P. major, 156–161, 549–557, 653–659, 882–888, 917–925
P. montanus, 571–580
Passer domesticus, 253–262, 411–420, 549–557, 690–695, 850–862
Passerculus sandwichensis, 86–93, 387–393, 773–780, 882–888
Passerella iliaca, 23–34
 Passeridae, 820–831
 Passeriformes, 453–459, 590–604
Passerina caerulea, 263–273
P. ciris, 94–99
P. cyanea, 94–99, 263–273, 471–484, 841–849
 passerine, 108–118, 119–128, 129–139, 222–231, 253–262, 263–273, 274–282, 283–292, 317–327, 328–334, 335–342, 471–484, 540–548, 549–557, 558–570, 636–646, 647–652, 781–786, 820–831, 832–840, 850–862, 882–888, 889–908, 917–925, 926–931, 940–947
 passive sperm loss, 485–494
 Passos, Carlos, et al., 100–107
 Paszkowski, Cynthia A., see Bush, Krista L., et al.
Patagona gigas, 44–56
 patch size, 328–334
 paternity, 300–307, 485–494
Pavo cristatus, 283–292
 Payevsky, Vladimir, Songbird Demography: Demographic Structure, Survival Rates, and Population Dynamics of Songbirds with Particular Reference to the Birds of the Eastern Baltic (rev.), 468
 Peafowl, Common, 283–292
 Peer, Brian D., and Stephen I. Rothstein, 293–299
 Peer, Brian D., et al., 759–764
 pelagic behavior, 100–107
 Pelecani, 726–744
 Pelecanidae, 590–604, 726–744, 820–831
 Pelecaniformes, 726–744, 820–831
Pelecanoides urinatrix, 590–604
 Pelecanoididae, 820–831
Pelecanus erythrorhynchos, 590–604
P. occidentalis, 726–744
P. onocrotalus, 590–604
 Pelican, 72–78, 726–744, 820–831; American White, 590–604; Great White, 590–604
Penelopides panini, 590–604
 Penguin, 820–831; Adélie, 523–531, 590–604; Emperor, 590–604; Humboldt, 590–604; Little, 590–604; Macaroni, 590–604
 Pérez-Tris, Javier, see de la Hera, Iván, et al.
Pernis apivorus, 863–870
 Perret, Philippe, see Thomas, Donald W., et al.
 personality, 752–758
 Peterhans, Julian C. Kerbis, see Voelker, Gary, et al.
 Peters, Anne, see Delhey, Kaspar, et al.
 Petrel, 100–107, 820–831; Atlantic, 590–604; Blue, 590–604; Bonin, 590–604; Cape, 590–604; Hawaiian, 140–150; Providence, 140–150; Southern Giant, 590–604; White-chinned, 871–881
Petrochelidon pyrrhonota, 704–708
 Petrussek, Adam, see Petrusková, Tereza, et al.
 Petrusková, Tereza, et al., 274–282
Peucaea, 726–744
P. aestivalis, 726–744
P. bachmanii, 726–744
P. botterii, 726–744
P. carpalis, 726–744
P. cassinii, 726–744
P. humeralis, 726–744
P. mystacalis, 726–744
P. ruficauda, 726–744
P. sumichrasti, 726–744
Peucedramus taeniatus, 726–744
 pseudo-control region, 335–342
Phaenostictus mcleannani, 283–292
Phaethon lepturus, 590–604
 Phaethontes, 726–744
 Phaethontidae, 44–56, 726–744
 Phaethontiformes, 726–744
Phaethornis, 44–56
P. anthophilus, 44–56
P. atrimentalis, 44–56
P. augusti, 44–56
P. bourcierii, 44–56
P. griseogularis, 44–56
P. guy, 44–56
P. hispidus, 44–56
P. koepckeae, 44–56
P. malaris, 44–56
P. philippii, 44–56
P. ruber, 44–56
P. striigularis, 44–56
P. superciliosus, 44–56
P. syrmatophorus, 44–56
P. yaruqui, 44–56
 Phalacrocoracidae, 590–604, 726–744, 820–831
Phalacrocorax, 590–604, 696–703
P. aristotelis, 590–604, 653–659
P. auritus, 72–78, 590–604, 690–695, 696–703, 882–888
P. carbo, 590–604
 Phalarope, Red-necked, 671–677
Phalaropus lobatus, 671–677
 Phasianidae, 44–56, 781–786, 820–831
Phasianus colchicus, 653–659, 926–931
 Pheasant, 44–56, 820–831; Blood, 926–931; Ring-necked, 653–659, 926–931

- phenotypic plasticity, 293–299
Pheucticus ludovicianus, 185–194
 philopatry, 343–353
Phimosus, 308–316
P. infuscatus, 308–316
Phlegopsis nigromaculatus, 283–292
Phlogophilus hemileucurus, 44–56
Phoebastria, 590–604
P. immutabilis, 590–604
P. irrorata, 590–604
 Phoebe, Black, 387–393; Eastern, 156–161, 263–273; Say's, 387–393
Phoeniculus purpureus, 626–635
Phoenicurus aureus, 317–327
Phragmites australis, 317–327
Phylidonyris novaehollandiae, 151–155
Phyllastrephus cabanisi, 79–85
 Phylloscopidae, 726–744
Phylloscopus, 726–744
P. borealis, 726–744
 phylogeny, 430–439, 440–452
 physiology, 704–708
Pica hudsonia, 44–56, 882–888
P. pica, 232–234, 421–429
 Picidae, 44–56
 Piciformes, 590–604
Picoides borealis, 917–925
P. leucotos, 917–925
P. pubescens, 882–888
P. scalaris, 387–393
P. tridactylus, 917–925
P. villosus, 23–34, 387–393, 882–888
 Piersma, Theunis, see Buehler, Deborah M., et al.
 Piersma, Theunis, see Tinbergen, Joost M., and -
 Pigeon, 253–262, 704–708, 773–780, 820–831; Nicobar, 590–604;
 Passenger, 690–695; Rock, 44–56; Tooth-billed, 590–604; Western
 Crowned, 820–831; Wood, 421–429
Pinguinus impennis, 590–604
Pinicola enucleator, 23–34, 832–840, 882–888
 Pinto, Thieres, see Rêgo, Péricles S., et al.
Pipilo, 726–744, 966
P. aberti, 726–744
P. albicollis, 726–744
P. chlorurus, 726–744
P. crissalis, 726–744
P. erythrophthalmus, 94–99, 263–273, 274–282, 726–744, 841–849
P. fuscus, 726–744
P. maculatus, 726–744
P. ocai, 726–744
 Pipit, Meadow, 274–282; Richard's, 317–327; Rock, 274–282; Tawny,
 274–282; Tree, 274–282
 Pipridae, 335–342, 820–831
Piranga ludoviciana, 387–393
P. olivacea, 471–484, 841–849
 piscivore, 696–703
Pithys albifrons, 283–292
 plant invasion, 317–327
 plasma metabolism, 108–118; - metabolites, 636–646
Platalea ajaja, 726–744
P. leucorodia, 726–744
P. minor, 308–316
 Plataleinae, 308–316, 726–744
Platycercus elegans, 558–570
Plectrophanes maccowni, 726–744
Plectrophenax, 726–744
P. hyperboreus, 726–744
P. nivalis, 726–744
Plectropterus, 820–831
Plegadis, 308–316
P. chihi, 308–316, 590–604
P. falcinellus, 308–316
P. pentelici, 440–452
Pliogrus, 440–452
Ploceus castaneiceps, 820–831
P. cucullatus, 35–43, 453–459
 Plover, 820–831; Mountain, 671–677; Piping, 57–71, 402–410;
 Semipalmated, 671–677; Snowy, 57–71, 402–410, 671–677
 plumage, 549–557; - quality, 647–652; - reflectance, 283–292
Podiceps cristatus, 590–604
Poecile atricapillus, 23–34, 274–282, 746–751, 882–888
P. carolinensis, 841–849
P. hudsonicus, 882–888
P. montanus, 882–888
P. rufescens, 23–34, 882–888
 point counts, 94–99
Polioptila caerulea, 263–273, 387–393, 841–849
 Polioptilidae, 726–744
 Polioptilinae, 726–744
 pollination, 151–155
 Pollock, Kenneth H., see
 Pollock, Kenneth H., see Riddle, Jason D., et al.
 polyandry, 300–307
Polyerata amabilis, 44–56
P. fimbriata, 44–56
Polytmus guainumbi, 44–56
P. theresiae, 44–56
 poorwill, 453–459
 population, - declines, 411–420, 696–703; - density, 300–307;
 - differentiation, 23–34; - expansion, 57–71; - genetics, 4–15,
 335–342, 343–353; - limitation, 411–420; - sink, 185–194;
 - status, 969–1001; - trends, 863–870
 Post, David M., see Jones, Andrew W., et al.
 postfledging, 364–371; - period, 354–363
 postnatal growth, 558–570
 Potoo, Great, 590–604
 Potter, Murray A., see Cunningham, Susan J., et al.
 Powell, Abby N., see Oppel, Steffen, et al.
 Powell, Alvin, The Race to Save the World's Rarest Bird: The Discovery
 and Death of the Po'ouli (rev.), 958–959
 Pradel, Roger, see Hernández-Matías, Antonio, et al.
 prairie dog colonies, 671–677
 Prairie-Chicken, Greater, 328–334, 343–353, 617–625; Lesser, 343–353,
 797–806
 Pratincole, 820–831; Collared, 726–744
 Pratt, H. Douglas, review by, 721–724
 Pratt, Thane K., et al., Conservation Biology of Hawaiian Forest Birds:
 Implications for Island Avifauna (rev.), 956–958
 predation, 411–420
 predator-prey interactions, 411–420
 PRESENCE, 94–99, 841–849
 prey, - availability, 523–531, 660–670; - detection, 308–316
 Priddel, David, see Thalmann, Sam J., et al.
 Prion, 820–831; Antarctic, 590–604; Broad-billed, 590–604; Fairy,
 590–604
 prior detections, 94–99
Proboscidea, 440–452
P. cratagensis, 440–452
P. moldavica, 440–452
P. mongolica, 440–452

- Procellaria aequinoctialis*, 871–881
 Procellariidae, 820–831, 871–881
 Procellariiformes, 140–150, 590–604, 820–831, 926–931
Procnias, 726–744
 promiscuity, 300–307
 protein, - fingerprinting, 765–772; - metabolism, 108–118; - recovery, 394–401; - requirements, 850–862
Protonotaria citrea, 387–393
 provisioning, 523–531, 540–548
 Pruett-Jones, Stephen, 238
 Pseudorobin, Swinhoe's, 726–744
Psilorhinus, 726–744
P. mexicanus, 726–744
P. morio, 726–744
 Psittacidae, 283–292, 820–831
 Psittaciformes, 558–570
 psittacine, 820–831, 948–951
Psittacus erithacus erithacus, 850–862
Psittrichas fulgidus, 850–862
Psophia leucoptera, 590–604
 Psophiidae, 440–452, 820–831
 Ptarmigan, Rock, 343–353; White-tailed, 917–925
Pterodroma hypoleuca, 590–604
P. incerta, 590–604
P. sandwichensis, 140–150
P. solandri, 140–150
Pteroglossus, 820–831
P. aracari, 590–604
Pterophanes cyanopterus, 44–56
Ptilinopus, 820–831
 Ptilonorhynchidae, 820–831
Ptychoramphus aleuticus, 195–203, 503–513
 Puffin, 195–203; Atlantic, 590–604; Horned, 590–604; Tufted, 590–604
Puffinus assimilis, 140–150
P. carneipes, 140–150
P. gravis, 726–744
P. griseus, 140–150, 503–513, 871–881
P. opisthomelas, 140–150
P. pacificus, 140–150, 871–881
P. puffinus, 140–150, 871–881
P. tenuirostris, 140–150, 871–881
Pycnonotus xanthopygos, 850–862
Pygoscelis adeliae, 523–531, 590–604
 Pyne, Michael J., see Cunningham, Susan J., et al.
Pyrgisoma, 726–744
 pyrosequencing, 4–15
Pyrrhula, 832–840
P. aurantiacca, 832–840
P. erythaca, 832–840
P. erythrocephala, 832–840
P. leucogenis, 832–840
P. nipalensis, 832–840
P. pyrrhula, 832–840

 Quail, Japanese, 72–78, 558–570, 704–708, 781–786
 Queen Charlotte Islands, 23–34
Querula, 726–744
Quiscalus major, 453–459, 759–764
Q. mexicanus, 263–273, 293–299, 759–764
Q. quiscula, 263–273, 293–299, 759–764, 841–849

 radar, 119–128
 radiotelemetry, 185–194, 354–363, 364–371, 503–513, 514–522
 Raid, Richard N., see Martin, Jason M., et al.
 Rail, 440–452, 820–831; Blue-breasted Banded, 317–327
 Rallidae, 440–452, 820–831
Rallus striatus, 317–327
 Ramphastidae, 726–744, 820–831
 Ramphastinae, 726–744
Ramphomicron microrhynchum, 44–56
 random effects, 379–386
 range expansion, 162–172
Raphus cucullatus, 690–695
 rapid multiclutch, 671–677
 raptor, 173–184, 185–194, 863–870
 Rasmussen, Pamela C., see Chesser, R. Terry, et al.
 ratite, 590–604
 Ravayrol, Alain, see Hernández-Matías, Antonio, et al.
 Raven, Common, 765–772, 882–888, 969–1001
 Razorbill, 590–604
 Real, Joan, see Hernández-Matías, Antonio, et al.
 reciprocal monophyly, 797–806
 recolonization, 411–420
 recovery, 969–1001
 recruitment, 173–184; local -, 372–378
 Reddy, Sushma, see Voelker, Gary, et al.
 Redhead, 72–78
 Redman, Nigel, et al., Birds of the Horn of Africa: Ethiopia, Eritrea, Djibouti, Somalia, and Socotra (rev.), 466–467
 Redpoll, Common, 882–888
 Redstart, American, 471–484; Daurian, 317–327
 Redwing, 532–539
 Reed, J. Michael, see Winker, Kevin, et al.
 reed warbler, 726–744
 Rêgo, Péricles S., et al., 335–342
Regulus calendula, 726–744, 882–888
 relatedness, 343–353
Remiz consobrinus, 317–327
 remote touch, 308–316
 Remsen, J. V., Jr., see Chesser, R. Terry, et al.
 reneesting, 212–221
 Rensel, Michelle A., see Morgan, Gina M., et al.
 repeated counts, 841–849
 repertoire composition, 274–282
 reproduction, 16–22, 79–85, 86–93, 173–184, 195–203, 204–211, 212–221, 222–231, 263–273, 300–307, 328–334, 402–410, 421–429, 471–484, 485–494, 540–548, 558–570, 571–580, 581–589, 653–659, 660–670, 671–677, 696–703, 765–772, 832–840, 899–908, 909–916, 917–925; cost of -, 162–172
 reproductive, - index, 86–93; - timing, 421–429
 resource allocation, 140–150, 647–652
 Reynolds, M. Bryant J., see McKay, Bailey D., et al.
 rhamphotheca, 590–604, 882–898
Rhea americana, 820–831
 Rhea, 283–292, 820–831; Greater, 820–831
 Rheidae, 283–292
Rhodacathis flaviceps, 690–695
Rhodopis vesper, 44–56
Rhychops niger, 590–604
Rhynchophanes, 726–744
R. mccownii, 726–744
Rhynchops flavirostris, 590–604
Rhynchopsitta pachyrhyncha, 948–951
Rhynchotus rufescens, 590–604, 820–831
 Ricklefs, Robert E., see Robinson, W. Douglas, et al.
 Riddle, Jason D., et al., 94–99, 841–849
 Ridgely, Robert S., and Guy Tudor, Field Guide to the Songbirds of South America (rev.), 717–718

- Rimmer, Christopher C., see Townsend, Jason M., et al.
 Ripley's *K* function, 485–494
 Rising, James D., see Chesser, R. Terry, et al.
Rissa tridactyla, 523–531, 882–888
 Rivers, James W., et al., 263–273
 roads, 581–589
 roadside surveys, 387–393
 Robin, American, 94–99, 293–299, 532–539, 759–764, 841–849, 850–862, 882–888; Rufous-tailed, 726–744; Swinhoe's, 726–744
 Robinson, W. Douglas, et al., 253–262
 Roche, Erin A., et al., 402–410
 Rodewald, Amanda D., see Shustack, Daniel P., and -
 Rodewald, Amanda D., see Vitz, Andrew C., and -
 roller, 820–831
 Rosella, Crimson, 558–570
 Rosenberg, Gary H., review by, 717–718
 Rothstein, Stephen I., 235–237
 Rothstein, Stephen I., see Peer, Brian D., and -
 Rothstein, Stephen I., see Peer, Brian D., et al.
 Rothstein, Stephen I., see Rivers, James W., et al.
 Rowley, Ian Cecil Robert, 1926–2009, In Memoriam, 238
 Royle, J. Andrew, see Griffith, Emily H., et al.
 Runge, Michael C., see Morgan, Michael R., et al.
 Russell, Douglas G. D., see Maurer, Golo, et al.
- Safi, Kamran, see Farmer, Christopher J., et al.
 Sage-Grouse, Greater, 16–22, 343–353
 Sagittaridae, 820–831
Sagittarius serpentarius, 820–831
 saltator, 726–744
Saltator, 726–744
 Sampaio, Iracilda, see Rêgo, Péricles S., et al.
 sampling techniques, 86–93, 863–870
 sandgrouse, 820–831
 Sandpiper, 300–307, 308–316, 590–604, 671–677; Semipalmated, 671–677; Spotted, 671–677; Upland, 86–93
Sarcoramphus papa, 726–744, 820–831
Sarkidiornis, 820–831
S. melanotos, 590–604
 Sarus, Australasian, 440–452
 satellite, - remote-sensing, 503–513; - telemetry, 863–870
 Sato, Katsufumi, see Watanuki, Yutaka, et al.
 Sato, Katsufumi, see Yamamoto, Takashi, et al.
Saucerotia saucerottia, 44–56
S. viridigaster, 44–56
 Sauer, John R., see Griffith, Emily H., et al.
 Savard, Jean-Pierre L., see Gagnon, François, et al.
Sayornis nigricans, 387–393
S. phoebe, 156–161, 263–273
S. saya, 387–393
 Scelerurinae, 430–439
Scelorchilus rubecula, 222–231
 Schaffner, Fred C., review by, 720–721
 Schmidt, Joshua H., et al., 379–386
 Schmidt-Koenig, Klaus, 1930–2009, In Memoriam, 711
 Schneider, Horacio, see Rêgo, Péricles S., et al.
 Schneider, Todd M., et al., The Breeding Bird Atlas of Georgia (rev.), 960–961
 Schodde, Richard, review by, 714–717
 Schoech, Stephan J., see Morgan, Gina M., et al.
 Schönwetter, 940–947
 Schreiber Conservation Award, 2009: Scott R. Derrickson, 246–248
 Schwab, Larry, review by, 466–467
 Schwab, Larry, review by, 467–468
 scientific collections, 690–695
Sclerurus mexicanus, 430–439
 Scolopacidae, 308–316
 Scopidae, 726–744
Scopus umbretta, 820–831
 Scoter, American, 726–744, 966; Black, 726–744, 966; Common, 966
 Screamer, 820–831; Horned, 590–604; Southern, 590–604, 820–831
 Screech-Owl, Eastern, 590–604
 Scrub-Jay, Florida, 421–429, 581–589; Western, 35–43, 726–744
 sea ice, 523–531
 seabird, 100–107, 140–150, 195–203, 523–531, 558–570, 571–580, 590–604, 871–881
 Searcy, William A., see Stai, Sarah M., and -
 seasonal, - timing, 212–221; - variation, 222–231
 Secretarybird, 726–744, 820–831
 Seddon, Nathalie, et al., 283–292
 Sедinger, James S., see Atamian, Michael T., and -
Seiurus montis, 932–939
Seiurus, 726–744
S. aurocapilla, 185–194, 204–211, 364–371, 471–484, 514–522, 726–744, 889–908
S. motacilla, 263–273, 726–744
S. noveboracensis, 354–363, 471–484, 726–744
Selasphorus flammula, 44–56
S. platycercus, 44–56, 787–796
S. rufus, 44–56
 selection, habitat -, 765–772, 899–908; host -, 765–772; kin -, 343–353; sexual -, 44–56
 self-maintenance, 540–548
Semnornis, 726–744
 Semnornithidae, 726–744
 Semnornithinae, 726–744
 seniority probability, 173–184
 sensory pits, 308–316
Sephanoides fernandensis, 44–56
S. sephanoides, 44–56
 Seriema, Red-legged, 820–831
 Serin, 274–282
Serinus canaria, 274–282, 882–888
S. serinus, 274–282
Setophaga ruticilla, 471–484
 sex, - differences, 671–677; - differentiation, 372–378; - ratio, 16–22
 sexual dichromatism, 283–292
 Shag, European, 590–604, 653–659
 Sheartail, Peruvian, 44–56
 Shearwater, 100–107; Black-vented, 140–150; Cory's, 100–107, 140–150, 590–604, 871–881; Flesh-footed, 140–150; Little, 140–150; Manx, 140–150, 871–881; Short-tailed, 140–150, 871–881; Sooty, 140–150, 503–513, 871–881; Streaked, 871–881; Wedge-tailed, 140–150, 871–881
 Sheathbill, Snowy, 590–604
 Shipley, Bill, see Thomas, Donald W., et al.
 Shoebill, 590–604, 820–831
 shorebird, 57–71, 119–128, 300–307, 308–316, 317–327, 394–401, 917–925
 Shoveler, Northern, 590–604
 Shrike, Long-tailed, 317–327; Northern, 590–604
 Shustack, Daniel P., and Amanda D. Rodewald, 421–429
 Shutler, Dave, see Voss, Margaret, et al.
Sialia sialis, 35–43, 94–99, 263–273, 558–570, 841–849
 Silva, Weber A. G., see Rêgo, Péricles S., et al.
 Simons, Theodore R., see Riddle, Jason D., et al.
 Sipiorski, Justin T., see Krajewski, Carey, et al.
 Siskin, Pine, 882–888

- Sitta canadensis*, 882–888
S. carolinensis, 387–393
S. europaea, 882–888
S. pusilla, 932–939
 Skimmer, African, 590–604; Black, 590–604
 Skrade, Paul D. B., and Stephen J. Dinsmore, 671–677
 Skua, Great, 590–604
 Smith, Kimberly G., 100 Years Ago in the American Ornithologists' Union, 250–251, 469–470, 725, 964–965
 Smith, Susan B., and Scott R. McWilliams, 108–118
Smithornis capensis, 79–85
 Snyder, Noel F. R., et al., 948–951
 Sobral, Mar, et al., 532–539
 social effects, 690–695
Somateria, 590–604
S. fischeri, 72–78
S. mollissima, 590–604, 653–659
S. m. dresseri, 765–772
S. spectabilis, 72–78, 590–604
 sonation, 787–796
 song, 156–161, 274–282, 932–939
 songbird, 108–118, 156–161, 185–194, 204–211, 263–273, 274–282, 354–363, 364–371, 411–420, 514–522, 752–758, 820–831, 850–862, 889–908, 926–931
 Songlark, Brown, 16–22
 space use, 471–484
 Sparrow, 119–128; American Tree, 850–862, 882–888; Chipping, 787–796, 841–849; Field, 263–273, 387–393; Fox, 23–34; Grasshopper, 86–93, 263–273, 387–393; Henslow's, 86–93, 263–273, 387–393; House, 253–262, 411–420, 549–557, 690–695, 850–862; Lark, 263–273; Lincoln's, 882–888; Saltmarsh, 300–307, 485–494; Savannah, 86–93, 387–393, 773–780, 882–888; Seaside, 300–307; Song, 23–34, 156–161; White-crowned, 108–118, 274–282, 549–557, 571–580, 773–780, 850–862; White-throated, 4–15, 108–118, 253–262, 387–393, 471–484, 540–548, 773–780, 850–862
 Sparrowhawk, Collared, 411–420; Eurasian, 411–420
Spartina alterniflora, 317–327
 spatial, - autocorrelation, 485–494; - behavior, 514–522; - ecology, 471–484; - scale, 354–363; - structure, 485–494
 Spatuletail, Marvelous, 44–56
 species, extinct -, 948–951; - limits, 932–939; - richness, 317–327; - status, 932–939
 spectral sensitivity, 283–292
 spectrometry, 35–43
 sperm, - abnormalities, 832–840; - competition, 485–494; - morphology, 832–840; - precedence, 485–494
 Spheniscidae, 820–831
 Sphenisciformes, 590–604, 820–831
Spheniscus humboldti, 590–604
Spinus pinus, 882–888
Spiza americana, 86–93, 119–128, 263–273, 328–334, 364–371
Spizella arborea arborea, 850–862
S. arborea, 453–459, 882–888
S. passerina, 787–796, 841–849
S. pusilla, 263–273, 387–393
 Spoonbill, 308–316, 726–744; Black-faced, 308–316; Eurasian, 726–744
 stable isotopes, 72–78, 514–522, 696–703
 Stai, Sarah M., and William A. Searcy, 495–502
 Stanley, Thomas R., and William D. Newmark, 79–85
 Starling, 151–155, 781–786; European, 232–234, 558–570, 841–849, 850–862, 882–888, 917–925; Rosy, 232–234; Spotless, 35–43
 status signal, 549–557
 Steganopodes, 590–604
Stellula calliope, 44–56
 Stephens, Scott E., see Schmidt, Joshua H., et al.
Stercorarius parasiticus, 72–78
Sterna caspia, 590–604
S. fuscata, 807–819
S. hirundo, 72–78, 807–819
S. paradisaea, 72–78, 558–570
Sternula antillarum, 807–819
S. a. antillarum, 807–819
S. a. athalassos, 807–819
S. a. browni, 807–819
S. a. mexicana, 807–819
S. a. staebleri, 807–819
 steroids, 820–831
 Stewart, Ian R. K., and David F. Westneat, 549–557
 stilt, 820–831
 Stodola, Kirk W., et al., 204–211
 stopover, 108–118, 394–401; - ecology, 636–646
 Stork, 726–744, 820–831; White, 917–925
 Storm-Petrel, 820–831; Fork-tailed, 140–150; Swinhoe's, 726–744; Wilson's, 590–604
 Stotz, Douglas F., see Chesser, R. Terry, et al.
 Stowe, Edward S., see Jones, Andrew W., et al.
 Streamertail, 787–796; Red-billed, 44–56
Streptopelia capicola, 605–616
S. risoria, 232–234, 571–580
S. vinacea, 605–616
 stress, 540–548
 Strigidae, 820–831
 Strigiformes, 820–831
Strix occidentalis, 797–806
S. o. caurina, 94–99
S. o. occidentalis, 969–1001
Struthio camelus, 590–604, 820–831
Sturnella magna, 86–93, 263–273, 328–334, 364–371
Sturnus roseus, 232–234
S. unicolor, 35–43
S. vulgaris, 232–234, 558–570, 841–849, 850–862, 882–888, 917–925
 Stutchbury, Bridget J. M., see Gill, Sharon A., and - Stutchbury, Bridget J. M., see Moore, Levi C., et al.
 suboscine, 156–161, 222–231, 283–292
 subspecies, 57–71, 617–625, 807–819, 932–939
 subsurface predators, 871–881
 sucrose, 781–786
 sugar, - composition, 151–155; - concentration, 781–786; - preferences, 151–155, 781–786
Sula, 590–604
S. dactylatra, 590–604
 Sulae, 726–744
 Sulidae, 590–604, 726–744, 820–831
 Suliformes, 726–744
 Sun, Yue-Hua, see Jia, Chen-Xi, et al.
 Sunangel, Bogotá, 44–56
 Sunbird, 151–155; Malachite, 151–155; Olive, 79–85; White-bellied, 151–155
 Sunbittern, 590–604, 726–744, 820–831
 sungrebe, 440–452
 supplemental feeding, 969–1001
 survival, 653–659, 704–708; adult -, 253–262; duckling -, 379–386; nest -, 379–386
 Swallow, 44–56, 704–708; Barn, 44–56, 232–234, 841–849; Cliff, 704–708; Tree, 156–161, 704–708; White-rumped, 222–231
 Swan, 820–831; Mute, 590–604; Trumpeter, 590–604
 Swenson, Jon E., see Jia, Chen-Xi, et al.

- Swift, 558–570; Chimney, 841–849; European Common, 917–925
Sylvia, 726–744
S. atricapilla, 23–34, 232–234, 647–652, 773–780
S. borin, 773–780, 850–862
S. curruca, 726–744
S. solitaria, 726–744
Sylviidae, 726–744
synchrony, 571–580
systematics, 4–15, 440–452, 678–689, 932–939, 966
- Tachycineta bicolor*, 156–161, 704–708
T. leucorrhoa, 222–231
Tadorna, 820–831
Taeniopygia guttata, 4–15, 156–161, 283–292, 495–502, 549–557, 832–840, 850–862
tail, - feather, 787–796; - length, 44–56; - shape, 44–56
Takahashi, Akinori, see Watanuki, Yutaka, et al.
Takahashi, Akinori, see Yamamoto, Takashi, et al.
Takekawa, John Y., see Adams, Josh, et al.
Talbot, Sandra L., see Handel, Colleen M., et al.
tallgrass prairie, 263–273
Tallmon, David A., see Barry, Patrick D., and - tamarisk, 636–646
Tanager, Scarlet, 471–484, 841–849; Western, 387–393
Tangavius aeneus, 453–459
Tapaculo, Chucao, 222–231
Tarwater, Corey E., see Robinson, W. Douglas, et al.
taxonomy, 430–439, 678–689, 932–939, 966
Taylor Philip D., see Mitchell, Greg W., et al.
Teal, Blue-winged, 379–386
Tellería, José Luis, see de la Hera, Iván, et al.
temperate forest, 471–484
temperature, 129–139; spring -, 917–925
temporal instability, 909–916
ten Cate, Carel, see den Hartog, Paula M., et al.
Terenzi, John, see Handel, Colleen M., et al.
Tern, 820–831; Arctic, 72–78, 558–570; Black, 72–78; California Least, 807–819; Caspian, 72–78, 590–604; Common, 72–78, 807–819; Eastern Least, 807–819; Interior Least, 807–819; Least, 807–819; Sooty, 807–819; White, 453–459
Terpsiphone viridis, 79–85
territoriality, winter -, 514–522
territory, - acquisition, 372–378; - selection, 173–184
Tetrao tetrax, 343–353, 617–625
T. urogallus, 343–353, 617–625, 926–931
Tetraonidae, 617–625
Thalassidroma monorhis, 726–744
Thalman, Sam J., et al., 140–150
Thalurania colombica, 44–56
T. furcata, 44–56
Thamnistes anabatinus, 283–292
Thamnophilidae, 283–292
Thamnophilus amazonicus, 283–292
Thaumastura cora, 44–56
Theristicus, 308–316
T. caudatus, 308–316
T. melanopsis, 308–316
thermoregulation, 558–570
Theunis Piersma, 463–464
thick-knee, 820–831
Thogmartin, Wayne E., 460–462
Thomas, Donald W., et al., 129–139
Thorntail, Coppery, 44–56
Thrasher, Brown, 263–273, 293–299, Curve-billed, 726–744
Threnetes niger, 44–56
T. ruckeri, 44–56
Threskiornis, 308–316
T. molucca, 308–316
Threskiornithes, 726–744
Threskiornithidae, 308–316, 726–744
Threskiornithinae, 308–316, 726–744
Thrush, 119–128, 453–459; Bicknell's, 514–522; Dusky, 317–327; Hermit, 23–34, 108–118, 514–522, 636–646, 850–862; Pale, 317–327; Sandwich, 726–744; Song, 532–539; Swainson's, 23–34, 364–371, 471–484; Varied, 23–34, 387–393, 882–888; White-throated, 364–371; Wood, 185–194, 364–371, 471–484, 514–522, 850–862, 889–908
Thryothorus, 372–378
T. leucotis, 372–378
T. ludovicianus, 94–99, 156–161, 841–849
T. pleurostictus, 274–282
T. sinaloa, 726–744
Tieleman, B. Irene, see Buehler, Deborah M., et al.
Tilmatura dupontii, 44–56
Timaliidae, 726–744
timing of breeding, 129–139
Tinamiformes, 453–459
Tinamou, 453–459, 820–831; Elegant Crested, 820–831; Great, 590–604; Red-winged, 590–604, 820–831
Tinamus major, 453–459, 590–604
Tingay, Ruth E., and Todd E. Katzner, The Eagle Watchers: Observing and Conserving Raptors around the World (rev.), 963
Tit, 354–363, 571–580; Bearded, 495–502; Blue, 129–139, 283–292, 882–888, 917–925; Chinese Penduline, 317–327; Great, 156–161, 549–557, 653–659, 882–888, 917–925; Willow, 571–580, 882–888
Titmouse, Tufted, 841–849
Tobias, Joseph A., see Seddon, Nathalie, et al.
Tobler, Michael, see Voelker, Gary, et al.
Tockus erythrorhynchus, 590–604
T. flavirostris, 590–604
Todus mexicanus, 253–262
Tody, Puerto Rican, 253–262
Tokoeke, 308–316
Topaz, Crimson, 44–56
Topaza, 44–56
T. pella, 44–56
toucan, 726–744, 820–831
toucan-barbet, 726–744
Towhee, Eastern, 94–99, 263–273, 274–282, 841–849
Townsend, Jason M., et al., 514–522
Toxostoma curvirostre, 726–744
T. rufum, 263–273, 293–299
traffic effect, 387–393
Tragopan temminckii, 820–831
Tragopan, Temminck's, 820–831
Trathan, Philip N., see Yamamoto, Takashi, et al.
Trichoglossus haematotus, 151–155, 781–786
trip duration, 523–531
Trochilidae, 44–56, 626–635
Trochilus, 44–56
T. polytmus, 44–56, 787–796
Trochocercus albonotatus, 79–85
Troglodytes aedon, 156–161, 253–262
T. hiemalis, 726–744
T. hiemalis pacificus, 726–744
T. pacificus, 726–744
T. troglodytes, 274–282, 726–744
Troglodytidae, 372–378

- Trogon bairdii*, 726–744
T. caligatus, 726–744
T. chionurus, 726–744
T. melanurus, 726–744
T. mesurus, 726–744
T. violaceus, 726–744
T. viridis, 726–744
Trogon, 820–831; Ecuadorian, 726–744; Gartered, 726–744; Green-backed, 726–744; White-tailed, 726–744
Tropicbird, 44–56, 726–744; White-tailed, 590–604
Trumpeter, 440–452, 820–831; Pale-winged, 590–604
Trust, Kimberly A., see Handel, Colleen M., et al.
tubenose, 590–604
turacos, 820–831
Turdidae, 820–831
Turdus, 532–539, 590–604
T. assimilis, 364–371
T. iliacus, 532–539
T. merula, 421–429, 532–539, 558–570, 590–604
T. migratorius, 94–99, 293–299, 532–539, 759–764, 841–849, 850–862, 882–888
T. naumanni, 317–327
T. pallidus, 317–327
T. philomelos, 532–539
T. pilaris, 532–539
T. sandwichensis, 726–744
Turkey, Wild, 4–15, 495–502
Turnstone, Ruddy, 72–78
Turtle-Dove, Ringed, 232–234
Tympanuchus cupido, 328–334, 343–353
T. c. pinnatus, 617–625
T. pallidicinctus, 343–353, 797–806
Tyrannus forficatus, 263–273
T. tyrannus, 263–273, 293–299, 421–429, 471–484
Tyrberg, Tommy, review by, 724
Tyto alba, 549–557, 909–916

urban ecology, 411–420
urbanization, 421–429
urban-to-rural gradient, 421–429
Uria, 940–947
U. lomvia, 195–203, 453–459, 590–604
Urochroa bougueri, 44–56
Urosticte benjamini, 44–56

Vaillancourt, Pierre, see Gagnon, François, et al.
Vallinoto, Marcelo, see Rêgo, Péricles S., et al.
van der Jeugd, Henk P., see Eichhorn, Götz, et al.
Van Hemert, Caroline, and Colleen M. Handel, 746–751
Van Hemert, Caroline, see Handel, Colleen M., et al.
van Perlo, Ber, A Field Guide to the Birds of Brazil (rev.), 718–720
Van Riper, Charles, III, review by, 956–958
VanderWerf, Eric, review by, 958–959
Vanellus, 820–831
variation, geographic -, 274–282; intraclutch -, 293–299, 759–764
Veery, 387–393
vegetation, - characteristics, 485–494; - phenology, 129–139; - structure, 899–908
Verdin, 387–393
Vermivora, 726–744
V. bachmani, 726–744
V. celata, 23–34, 726–744
V. c. celata, 23–34
V. c. lutescens, 23–34

V. c. orestera, 23–34
V. c. sordida, 23–34
V. chrysoptera, 23–34, 726–744
V. crissalis, 726–744
V. cyanoptera, 726–744
V. luciae, 726–744
V. peregrina, 726–744
V. pinus, 387–393, 726–744
V. ruficapilla, 387–393, 726–744
V. superciliosa, 726–744
V. virginiae, 726–744
Verniere, Lucas C., see Delhey, Kaspar, et al.
Vidal, Nicolas, see Hagey, Lee R., et al.
Viduidae, 726–744
Viduinae, 726–744
Vincent-Martin, Nicolas, see Hernández-Matías, Antonio, et al.
Violetear, Green, 232–234; Sparkling, 232–234
Vireo atricapilla, 797–806, 889–908
V. bellii, 263–273
V. brevipennis, 797–806
V. gilvus, 293–299, 726–744, 797–806
V. g. swainsoni, 726–744
V. g. swainsonii, 726–744
V. latimeri, 797–806
V. leucophrys, 797–806
V. nelsoni, 797–806
V. olivaceus, 94–99, 108–118, 797–806, 841–849, 889–908
V. plumbeus, 797–806
V. solitarius, 108–118, 797–806
Vireo, 119–128; Bell's, 263–273; Black-capped, 797–806, 889–908; Blue-headed, 108–118; Dwarf, 797–806; Red-eyed, 94–99, 108–118, 841–849, 889–908; Warbling, 293–299
vision, human -, 460–462; ultraviolet -, 283–292
Vitz, Andrew C., and Amanda D. Rodewald, 364–371
vocalization, 605–616
Voelker, Gary, et al., 678–689
Voss, Margaret, et al., 704–708
Vuilleumier, François, 952–954
Vultur gryphus, 820–831, 969–1001
Vulture, 726–744, 820–831; Black, 820–831; Cape, 969–1001; Eurasian Griffon, 969–1001; King, 820–831; Turkey, 969–1001

Wagtail, Yellow, 317–327
Walcott, Charles, 711
Walk, Jeffery W., et al., 328–334
Walker, Johann A., see Schmidt, Joshua H., et al.
Walters, Jeffrey R., et al., 969–1001
Wang, Yong, see Gan, Xiaojing, et al.
Warbler, 23–34, 119–128, 300–307, 514–522, 726–744, 932–939;
Aquatic, 300–307; Bahama, 932–939; Blackpoll, 354–363, 471–484;
Black-and-white, 841–849; Black-throated Blue, 23–34, 471–484,
841–849, 889–908; Black-throated Green, 387–393, 841–849,
889–908; Blue-winged, 387–393; Cerulean, 23–34, 387–393, 471–
484; Chestnut-sided, 387–393; Eurasian Reed, 773–780; Garden,
773–780, 850–862; Golden-cheeked, 797–806; Golden-winged,
23–34; Great Reed, 274–282, 759–764; Hooded, 471–484, 841–849;
Kirtland's, 932–939; Magnolia, 636–646; Nashville, 387–393;
Olive-capped, 932–939; Orange-crowned, 23–34, 882–888; Pine,
841–849; Prairie, 387–393; Prothonotary, 387–393; Sedge, 232–
234; Swainson's, 23–34, 471–484; Townsend's, 387–393; Wilson's,
23–34, 636–646; Worm-eating, 364–371, 387–393, 471–484;
Yellow, 23–34, 263–273, 387–393, 453–459, 636–646; Yellow-
breasted, 932–939; Yellow-rumped, 108–118, 354–363, 471–484,
882–888, 932–939; Yellow-throated, 932–939

- Warkentin, Ian G., see Mitchell, Greg W., et al.
 Warkentin, Ian G., see Whitaker, Darroch M., and -
 Warner, Richard E., see Walk, Jeffery W., et al.
 Washington, 746–751
 Watanuki, Yutaka, et al., 523–531
 waterbird, 156–161, 696–703
 waterfowl, 119–128, 162–172, 495–502, 590–604, 820–831, 917–925, 926–931, 969–1001
 Waterthrush, Louisiana, 263–273; Northern, 354–363, 471–484
 Wattlebirds, Red, 151–155
 Waxwing, Cedar, 293–299, 850–862
 Weaver, 781–786; Taveta Golden, 820–831; Village, 35–43
 Wells, Jeffrey V., Birder's Conservation Handbook: 100 North American Birds at Risk (rev.), 241–242
 Werner, Jacob, see Voss, Margaret, et al.
 Westberg, Michael C., see Zink, Robert M., et al.
 Westneat, David F., see Stewart, Ian R. K., and -
 Wheatear, Northern, 471–484
 Whip-poor-will, 387–393
 whistling duck, 820–831
 Whitaker, Darroch M., and Ian G. Warkentin, 471–484
 white-eye, 726–744, 781–786
 Whitney, Bret M., review by, 718–720
 whydah, 726–744
 Wiebe, Karen L., and Heather Gerstmar, 917–925
 Wigeon, American, 387–393
 Wikelski, Martin, see Robinson, W. Douglas, et al.
Wilsonia citrina, 471–484, 841–849
W. pusilla, 23–34, 636–646
 Wing trail, 787–796
 Winker, Kevin, see Chesser, R. Terry, et al.
 Winker, Kevin, et al., 690–695
 Witmer, Lawrence M., see Hieronymus, Tobin I., and -
 woodcreeper, 430–439
 Woodhoopoe, African Green, 626–635
 Woodpecker, 44–56, 820–831, 882–888, 917–925; Downy, 882–888; Hairy, 23–34, 387–393, 882–888; Ivory-billed, 882–888; Ladder-backed, 387–393; Lesser Spotted, 402–410; Pileated, 387–393, 590–604; Red-bellied, 841–849; Red-cockaded, 917–925; Three-toed, 917–925; White-backed, 917–925
 Woodstar, Amethyst, 787–796; White-bellied, 44–56
 Wren, 372–378; Banded, 274–282; Buff-breasted, 372–378; Cactus, 387–393; Canyon, 387–393; Carolina, 94–99, 156–161, 841–849; House, 156–161, 253–262; Marsh, 274–282; Pacific, 726–744; Sedge, 274–282; Sinaloa, 726–744; Song, 372–378; Winter, 274–282, 726–744
 Wrentit, 387–393
 Wunderle, Joseph M., Jr., see Walters, Jeffrey R., et al.
- Xanthocephalus xanthocephalus*, 726–744
Xema sabini, 590–604
Xiphocolaptes, 430–439
X. major, 430–439
Xiphorhynchus, 430–439
X. fuscus, 430–439
X. pucherani, 430–439
- Yalden, Derek W., and Umberto Albarella, The History of British Birds (rev.), 724
 Yamamoto, Takashi, et al., 871–881
 Yee, Julie, see Adams, Josh, et al.
 Yellowthroat, Common, 94–99, 263–273, 471–484
- Zabransky, Daniel J., see Hallinger, Kelly K., et al.
Zenaida macroura, 453–459, 841–849
 Zink, Robert M., et al., 797–806
Zonotrichia, 108–118
Z. albicollis, 4–15, 108–118, 253–262, 387–393, 471–484, 540–548, 773–780, 850–862
Z. leucophrys, 108–118, 274–282, 571–580, 850–862
Z. l. gambelii, 549–557, 773–780
 Zosteropidae, 726–744
Zosterops japonicus, 726–744