

North American Shorebird Literature – 2007

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POPULATIONS, ABUNDANCE & DISTRIBUTION

- Alvarado Quesada, G.M.** 2006. The importance of Costa Rica for resident and migratory waterbirds. Pages 161–165 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Andres, B.A.** 2007. Reservoir use by post-breeding shorebirds in the South Platte River Valley, northeastern Colorado. *Colorado Birds* 41: 29–35.
- Baker, A.J.** 2006. Population declines and the risk of extinction in waders: genetic and ecological consequences of small population size. Pages 668–671 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Bart, J.** 2006. The Program for Regional and International Shorebird Monitoring (PRISM) in North America. Pages 701–704 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Bart, J., S. Brown, B. Harrington & R.I.G. Morrison.** 2007. Survey trends of North American shorebirds: population declines or shifting distributions? *J. Avian Biol.* 38(1): 73–82.
- Brown, S., J. Bart, R.B. Lanctot, J.A. Johnson, S. Kendall, D. Payer & J. Johnson.** 2007. Shorebird abundance and distribution on the Coastal Plain of the Arctic National Wildlife Refuge. *Condor* 109(1): 1–14.
- Dreitz, V.J. & F.L. Knopf.** 2007. Mountain Plovers and the politics of research on private lands. *BioScience* 57(8): 681–687.
- Fernández, G. & D.B. Lank.** 2007. Variation in the wing morphology of Western Sandpipers (*Calidris mauri*) in relation to sex, age class, and annual cycle. *Auk* 124(3): 1037–1046.
- Funk, W.C., T.D. Mullins & S.M. Haig.** 2007. Conservation genetics of Snowy Plovers (*Charadrius alexandrinus*) in the Western Hemisphere: population genetic structure and delineation of subspecies. *J. Conserv. Genetics* 8(6): 1566–1621.
- Gaston, A.J., S.A. Smith, R. Saunders, G.I. Storm & J.A. Whitney.** 2007. Birds and marine mammals in southwestern Foxe Basin, Nunavut, Canada. *Polar Rec.* 43(1): 33–47.
- Hood, S.L. & S.J. Dinsmore.** 2007. Abundance of Snowy and Wilson's Plovers in the lower Laguna Madre region of Texas. *J. Field Ornithol.* 78(4): 362–368.
- Jehl, J.R.** 2007. Disappearance of breeding Semipalmated Sandpipers from Churchill, Manitoba: More than a local phenomenon. *Condor* 109(2): 351–360.
- Johnson, J.A., R.B. Lanctot, B.A. Andres, J.R. Bart, S. Brown, S. Kendall & D. Payer.** 2007. Distribution of breeding shorebirds on the Arctic Coastal Plain of Alaska. *Arctic* 60: 277–293.
- Lanctot, R.B. (on behalf of the Committee for Holarctic Shorebird Monitoring).** 2006. Monitoring Arctic-nesting shorebirds: an international vision for the future. Pages 127–130 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- McCaffery, B.J., C.M. Handel, R.E. Gill, Jr. & D.R. Ruthrauff.** 2006. The blind men and the elephant: concerns about the use of juvenile proportion data. *Stilt* 50: 194–204. [Bar-tailed Godwit]
- Meltofte, H., T. Piersma, H. Boyd, B. McCaffery, B. Ganter, V.V. Golovnyuk, K. Graham, C.L. Gratto-Trevor, R.I.G. Morrison, E. Nol, H.U. Rosner, D. Schamel, H. Schekkerman, M.Y. Soloviev, P.S. Tomkovich, D.M. Tracy, I. Tulp & L. Wennerberg.** 2007. Effects of climate variation on the breeding ecology of Arctic shorebirds. *Meddeleser om Gronland Bioscience* 59. Danish Polar Center, Copenhagen, Denmark.
- Miller, A.** 2006. *Manitoba Piping Plover Stewardship Program: a provincial strategy for the management of the endangered piping plover* (*Charadrius melodus circumcinctus*). M.Env. thesis, University of Manitoba, Winnipeg, MB, Canada.
- Morrison, R.I.G., B.J. McCaffery, R.E. Gill, S.K. Skagen, S.L. Jones, G.W. Page, C.L. Gratto-Trevor & B.A. Andres.** 2006. Population estimates of North American shorebirds, 2006. *Wader Study Group Bull.* 111: 67–85.
- Navarro-Sigüenza, A.G., A.T. Peterson, M.Á. Puig-Samper & G. Zamudio.** 2007. The ornithology of the Real Expedición Botánica a Nueva España (1787–1803): An analysis of the manuscripts of José Mariano Mociño. *Condor* 109(4): 808–823. [numerous species]
- Noel, B.L., C.R. Chandler & B. Winn.** 2007. Seasonal abundance of nonbreeding Piping Plovers on a Georgia barrier island. *J. Field Ornithol.* 78(4): 420–427.
- Norris, D.R., D.B. Lank., J. Pither, D. Chipley, R.C. Ydenberg & T.K. Kyer.** 2007. Trace element profiles as unique identifiers of Western Sandpiper (*Calidris mauri*) populations. *Canadian J. Zool.* 85: 579–583.
- Stanley, T.R. & S.K. Skagen.** 2007. Estimating the breeding population of Long-Billed Curlew in the United States. *J. Wildl. Manage.* 71(8): 255–256.
- Stroud, D.A., A. Baker, D.E. Blanco, N.C. Davidson, S. Delany, B. Ganter, R. Gill, P. González, L. Haanstra, R.I.G. Morrison, T. Piersma, D.A. Scott, O. Thorup, R. West, J. Wilson & C. Zöckler (on behalf of the International Wader Study Group).** 2006. The conservation and population status of the world's waders at the turn of the millennium. Pages 643–648 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Vega, X., M.A. González & A. Muñoz del Viejo.** 2006. Potential new Ramsar sites in northwest Mexico: strategic importance for migratory waterbirds and threats to conservation. Pages 158–160 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.



CONTAMINANTS, DISEASE & PARASITES

- Ackerman, J.T., A.C. Eagles-Smith, J.Y. Takekawa, S.A. Demers, T.L. Adelsbach, J.D. Bluso, A.K. Miles, N. Warnock, T.H. Suchanek & S.E. Schwarzbach.** 2007. Mercury concentrations and space use of pre-breeding American Avocets and Black-necked Stilts in San Francisco Bay. *Sci. Total Environ.* 384(1–3): 452–466.
- Amirault-Langlais, D.L., P.W. Thomas & J. McKnight.** 2007. Oiled Piping Plovers (*Charadrius melodus melodus*) in eastern Canada. *Waterbirds* 30(2): 271–274.
- Canaris, A.G. & J.M. Kinsella.** 2007. Helminth communities of three sympatric species of shorebirds (Charadrii) from four summer seasons at Bristol Bay, Alaska. *J. Parasitol.* 93(3): 485–490.
- D'Amico, V.L., M. Bertelotti, A.J. Baker & L.A. Diaz.** 2007. Exposure of Red Knots (*Calidris canutus rufa*) to select avian pathogens; Patagonia, Argentina. *J. Wildl. Dis.* 43(4): 794–797.
- Didyk, A.S., A.G. Canaris & J.M. Kinsella.** 2007. Intestinal Helminths of the Spotted Sandpiper, *Actitis macularius* (L.), during fall migration in New Brunswick, Canada, with a checklist of Helminths reported from this host. *Comp. Parasitol.* 74(2): 359–363.
- Didyk, A.S., J.M. Kinsella & A.G. Canaris.** 2007. Intestinal Helminths of fall-migrating Ruddy Turnstones, *Arenaria interpres* (L.), from New Brunswick, Canada, with a checklist of Helminths reported from this host. *Comp. Parasitol.* 74(2): 364–371.
- Douglas, K.O., M.C. Lavoie, L.M. Kim, C.L. Afonso & D.L. Suarez.** 2007. Isolation and genetic characterization of Avian Influenza viruses and a Newcastle disease virus from wild birds in Barbados: 2003–2004. *Avian Dis.* 51(3): 781–787.
- Dronen, N.O.** 2007. *Wardianum catoptrophori* n. sp. (Digenea: Cyclocoelidae: Haematotrophinae) from the Willet, *Catoptrophorus semipalmatus* (Scolopacidae), from the Galveston, Texas area of the Gulf of Mexico, U.S.A. *Comp. Parasitol.* 74(1): 35–40.
- Jackwood, M.W. & D.E. Stallknecht.** 2007. Molecular epidemiologic studies on North American H9 Avian Influenza Virus (AIV) isolates from waterfowl and shorebirds. *Avian Dis. Dig.* 2(s1): e58.
- Kilpatrick A.M., S.L. LaDeau & P.P. Marra.** 2007. Ecology of West Nile Virus transmission and its impact on birds in the Western Hemisphere. *Auk* 124(4): 1121–1136.
- Kim, L.M., D.J. King, P.E. Curry, D.L. Suarez, D.E. Swayne, D.E. Stallknecht, R.D. Slemons, J.C. Pedersen, D.A. Senne, K. Winker & C.L. Afonso.** 2007. Phylogenetic diversity among low-virulence Newcastle disease viruses from waterfowl and shorebirds and comparison of genotype distributions to those of poultry-origin isolates. *J. Virol.* 81(22):12641–12653.
- Kinsella, J.M., A.S. Didyk & A.G. Canaris.** 2007. Helminths of Hudsonian Godwits, *Limosa haemastica*, from Alaska and Manitoba. *J. Parasitol.* 93(3): 716–717.
- Krauss S., C.A. Obert, J. Franks, D. Walker, K. Jones, P. Seiler, L. Niles, S.P. Pryor, J.C. Obenauer, C.W. Naeve, L. Widjaja, R.J. Webby & R.G. Webster.** 2007. Influenza in migratory birds and evidence of limited intercontinental virus exchange. *PLoS Pathogens* 3(11): e167.
- Smith, N.F.** 2007. Associations between shorebird abundance and parasites in the sand crab, *Emerita analoga*, along the California coast. *J. Parasitol.* 93(2): 265–273.
- Takekawa, J.Y., S.A. Iverson, M.A. Bishop, A. McShea, M.J. Lodes & J.P. Dudley.** 2007. Chapter 29: Use of Rapid Analysis Technologies for the Field Identification and On-Site Confirmation of Avian Influenza. Pages 519–529 in D. Mello (ed.). *Biodetection Technologies 4th Edition.* Detection Knowledge Press, Brookline, MA, USA.
- Tsuji, L.J.S., I.D. Martin, E.S. Martin, A. LeBlanc & Pierre Dumas.** 2007. Spring-harvested game birds from the western James Bay region of northern Ontario, Canada: Organochlorine concentrations in breast muscle. *Sci. Total Environ.* 385(1–3): 160–171. [Marbled Godwit]
- Winker, K., K.G. McCracken, D.D. Gibson, C.L. Pruett, R. Meier, F. Huettmann, M. Wege, I.V. Kulikova, Y.N. Zhuravlev, M. Perdue, E. Spackman, D.L. Suarez & D.E. Swayne.** 2007. Movements of birds and avian influenza from Asia into Alaska. *Emerg. Infect. Dis.* 13(4): 547–552.

HABITAT ASSESSMENT & MANAGEMENT

- Armitage, A.R., S.M. Jensen, J.E. Yoon & R.F. Ambrose.** 2007. Wintering shorebird assemblages and behavior in restored tidal wetlands in southern California. *Restoration Ecol.* 15(1): 139–148.
- Arquilla, B.J.** 2007. *Effects of predator activity on the nesting of American Black Ducks and other birds on barrier islands in the mid-Atlantic coast.* M.S. thesis, Louisiana State University, Baton Rouge, LA, USA. [Willet]
- Burger J., S.A. Carlucci, C.W. Jeitner & L. Niles.** 2007. Habitat choice, disturbance, and management of foraging shorebirds and gulls at a migratory stopover. *J. Coastal Res.* 23(5): 1159–1166.
- Carmona, R., V. Ayala-Pérez, N. Arce & L. Morales-Gopar.** 2006. Use of saltworks by Red Knots at Guerrero Negro, Mexico. *Wader Study Group Bull.* 111: 46–49.
- D'Errico, M.A.** 2006. *Hydrology, vegetation and waterbird response to land management strategies in the San Luis Valley.* M.S. thesis, University of Missouri, Columbia, MO.
- Estelle, V.B.** 2006. *Impacts of an introduced marine invertebrate on wintering shorebirds.* Ph.D. dissertation, Colorado State University, Fort Collins, CO, USA.
- Fink, D.F.** 2006. *Effects of a pulsing hydroperiod on a created riparian river diversion wetland.* Ph.D dissertation, Ohio State University, Columbus, OH, USA. [migrant shorebirds]
- Grippio, A.M., A. Cooper & G.A. Massey.** 2007. Effect of beach replenishment projects on waterbird and shorebird communities. *J. Coastal Res.* 23(5): 1088–1096. [Willet, Black-bellied Plover, Ruddy Turnstone, Sanderling]
- Hierl, L.A., C.S. Loftin, J.R. Longcore, D.G. McAuley & D.L. Urban.** 2007. A multivariate assessment of changes in wetland habitat for waterbirds at Moosehorn National Wildlife Refuge, Maine, USA. *Wetlands* 27(1): 141–152. [Wilson's Snipe]
- Hood, S.L. & S.J. Dinsmore.** 2007. The influence of habitat on nest survival of Snowy and Wilson's plovers in the lower Laguna Madre region of Texas. *Stud. Avian Biol.* 34: 124–135.
- Marcus, J.F., J.J. Dinan, R.J. Johnson, E.E. Blankenship & J.L. Lackey.** 2007. Directing nest site selection of Least Terns and Piping Plovers. *Waterbirds* 30(2): 251–25.
- McGowan, C.P. & T.R. Simons.** 2006. Effects of human recreation on the incubation behavior of American Oystercatchers. *Wilson J. Ornithol.* 118(4): 485–493.



- McParland, C.E. & C.A. Paszkowski.** 2007. Waterbird assemblages in the Aspen Parkland of western Canada: the influence of fishes, invertebrates, and the environment on species composition. *Ornithol. Sci.* 6(2): 53–65.
- Myatt, N.A. & D.G. Krementz.** 2007. Fall migration and habitat use of American Woodcock in the central United States. *J. Wildl. Manage.* 71(4): 1197–1205.
- Obernuefemann, K.P.** 2007. *Assessing the effects of scale and habitat management on the residency and movement rates of migratory shorebirds at the Tom Yawkey Wildlife Center, South Carolina.* M.S. thesis, North Carolina State University, Raleigh, NC, USA.
- O'Connell, J.L.** 2007. *Coastal marsh restoration using terraces: Effects on waterbird habitat in Louisiana's Chenier Plain.* M.S. thesis, Louisiana State University, Baton Rouge, LA, USA. [breeding Willet, Black-necked Stilt, Killdeer]
- Patten, K. & C. O'Casey.** 2007. Use of Willapa Bay, Washington, by shorebirds and waterfowl after *Spartina* control efforts. *J. Field Ornithol.* 78(4): 395–400.
- Peters, K.A. & D. L. Otis.** 2007. Shorebird roost-site selection at two temporal scales: is human disturbance a factor? *J. Applied Ecol.* 44(1): 196–209.
- Robar, N.D.P. & D.J. Hamilton.** 2007. A method for estimating habitat use by shorebirds using footprints. *Waterbirds* 30(1): 116–123.
- Thogmartin, W.E., J.R. Sauer & M.G. Knutson.** 2007. Modeling and mapping abundance of American Woodcock across the midwestern and northeastern United States. *J. Field Ornithol.* 71(2): 376–38.
- Tsai, J.** 2007. *Local and landscape factor influences on avian community composition in playas of the Southern High Plains.* Ph.D. dissertation, Texas Tech University, Lubbock, TX, USA. [migrant and breeding shorebirds]
- Johnson, J.M.** 2006. *Demography and behavior of Western Sandpipers (Calidris mauri) breeding on the Yukon-Kuskokwim River Delta, Alaska.* Ph.D. dissertation, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA.
- Le Fer, D.** 2006. *Piping plover (Charadrius melodus) foraging ecology in the Great Plains.* Ph.D. dissertation, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA.
- Liebezeit, J.R., P.A. Smith, R.B. Lanctot, H. Schekkerman, I. Tulp, S.J. Kendall, D.M. Tracy, R.J. Rodrigues, H. Melfoite, J.A. Robinson, Cheri Gratto-Trevor, B.J. McCaffery, J. Morse & S.W. Zack.** 2007. Assessing the development of shorebird eggs using the flotation method: species-specific and generalized regression models. *Condor* 109(1): 32–47.
- McGowan, C.P., D.H. Catlan, G.D. Jons & G.A. Pavelka.** 2007. Piping Plovers nesting amongst cottonwood saplings. *Waterbirds* 30(2): 275–277.
- Mong, T.W. & B.K. Sandercock.** 2007. Optimizing radio retention and minimizing radio impacts in a field study of Upland Sandpipers. *J. Wildl. Manage.* 71(3): 971–980.
- Nguyen, L.P., E. Nol & K.F. Abraham.** 2007. Using digital photographs to evaluate the effectiveness of plover egg crypsis. *J. Wildl. Manage.* 71(6): 2084–2089.
- Perkins, D.E. & R.L. Holberton.** 2006. Indicators of body condition, energy demand and breeding success in the Ruddy Turnstone *Arenaria interpres*, a species of concern. Pages 551–552 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world.* TSO Scotland Ltd., Edinburgh, UK.
- Perkins, D.E., P.A. Smith & H.G. Gilchrist.** 2007. The breeding ecology of Ruddy Turnstones (*Arenaria interpres*) in the eastern Canadian Arctic. *Polar Rec.* 43(2): 135–142.
- Reneerkens, J., J.A. Almeida, D.B. Lank, J. Jukema, R.B. Lanctot, R.I. G. Morrison, W.I.C. Rijpstra, D. Schamel, H. Schekkerman, J.S. Sinninghe Damsté, P.S. Tomkovich, D.M. Tracy, I. Tulp & T. Piersma.** 2007. Parental role division predicts avian preen wax cycles. *Ibis* 149: 721–729.
- Schneider E.G. & S.R. McWilliams.** 2007. Using nest temperature to estimate nest attendance of Piping Plovers. *J. Wildl. Manage.* 71(6): 1998–2006.
- Smith, P.A., G.H. Gilchrist & J.N. Smith.** 2007. Effects of nest habitat, food, and parental behavior on shorebird nest success. *Condor* 109(1): 15–31.
- Smith, P.A., H.G. Gilchrist, J.N.M. Smith & E. Nol.** 2007. Annual variation in the benefits of a nesting association between Red Phalaropes (*Phalaropus fulicarius*) and Sabine's Gulls (*Xema sabini*). *Auk* 124(1): 276–290.
- Stenzel, L.E., G.W. Page, J.C. Warriner, J.S. Warriner, D.E. George, C.R. Eyster, B.A. Ramer & K.K. Neuman.** 2007. Survival and natal dispersal of juvenile Snowy Plovers (*Charadrius alexandrinus*) in central coastal California. *Auk* 124(3): 1023–1036.
- Sung, H.C. & E.H. Miller.** 2007. Variation and individuality in display-flight calls of male Piping Plovers. *Condor* 109(2): 468–475.
- Wehtje, W.** 2007. Trapdoor spider (Cyrtauchenidae: *Aptostichus*) predated western Snowy Plover chick (*Charadrius alexandrinus*). *Southwestern Nat.* 52(3): 435–436.
- Wiens, D.K.** 2007. *Nest success and nest site selection of shorebirds in North Dakota.* M.S. thesis, Louisiana State

NUPTIAL BEHAVIOUR & ECOLOGY

- Booms, T.L. & B.J. McCaffery.** 2007. A novel use of passive integrated transponder (PIT) tags as nest markers. *J. Field Ornithol.* 78(1): 83–86.
- Clark, J.N.** 2006. *Reproductive ecology of Long-billed Curlews breeding in grazed landscapes of western South Dakota.* M.S. thesis, South Dakota State University, Brookings, SD.
- Colwell, M.A.** 2007. Egg-laying intervals in shorebirds. *Wader Study Group Bull.* 111: 50–59.
- Colwell, M.A., S.J. Hurley, J.N. Hall & S.J. Dinsmore.** 2007. Age-related survival and behavior of Snowy Plover chicks. *Condor* 109(3): 638–647.
- Colwell, M.A., S.E. McAllister, C.B. Millett, A.N. Transou, S.M. Mullin, Z. J. Nelson, C.A. Wilson & R.R. LeValley.** 2007. Philopatry and natal dispersal of the western Snowy Plover. *Wilson J. Ornithol.* 119(3): 378–385.
- Dinsmore, S.J. & F.L. Knopf.** 2005. Differential parental care by adult Mountain Plovers, *Charadrius montanus*. *Canadian Field-Naturalist* 119(4): 532–5536.
- Downes, S. & C. Wright.** 2006. New elevation record for Spotted Sandpiper breeding in Washington. *Washington Birds* 9:67–68.
- Hickey, C., N. Warnock, J.Y. Takekawa & N. Ahearn.** 2007. Space use by Black-necked Stilts in the San Francisco Bay Estuary. *Ardea* 95(2): 275–288.
- Jehl, J.** 2006. Coloniality, mate retention, and nest-site characteristics in the Semipalmated Sandpiper. *Wilson J. Ornithol.* 118(4): 478–484.



University, Baton Rouge, LA, USA.

Williams, J.B., B.I. Tieleman, G.H. Visser & R.E. Ricklefs. 2007. Does growth rate determine the rate of metabolism in shorebird chicks living in the Arctic? *Physiol. Biochem. Zool.* 80(5): 500–513.

MIGRATION BEHAVIOUR & ECOLOGY

- Andrei, A.E., L.M. Smith, D.A. Haukos & J.G. Surles.** 2006. Community composition and migration chronology of shorebirds using saline lakes of the southern Great Plains. *J. Field Ornithol.* 77(4): 372–383.
- Andrei, A.E., L.M. Smith, D.A. Haukos & W.P. Johnson.** 2007. Behavior of migrant shorebirds in saline lakes of the southern Great Plains. *Waterbirds* 30(3): 326–334.
- Atkinson, P.W., A. J. Baker, K.A. Bennett, N.A. Clark, J.A. Clark, K.B. Cole, A. Dekinga, A. Dey, S. Gillings, P.M. González, K. Kalasz, C.D.T. Minton, J. Newton, L.J. Niles, T. Piersma, R.A. Robinson & H.P. Sitters.** 2007. Rates of mass gain and energy deposition in red knot on their final spring staging site is both time- and condition-dependent. *J. Applied Ecol.* 44(4): 885–895.
- Atkinson, P.W., A.J. Baker, K.A. Bennett, N.A. Clark, J.A. Clark, K.B. Cole, A. Dey, A.G. Duiven, S. Gillings, P.M. González, B.A. Harrington, K. Kalasz, C.D.T. Minton, J. Newton, L.J. Niles, R.A. Robinson, I. de Lima Serrano & H.P. Sitters.** 2006. Using stable isotope ratios to unravel shorebird migration and population mixing: a case study with Red Knot *Calidris canutus*. Pages 535–540 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Beauchamp, G.** 2007. Competition in foraging flocks of migrating Semipalmated Sandpipers. *Oecologia* 154(2): 403–409.
- Bishop, M.A., N. Warnock & J.Y. Takekawa.** 2006. Spring migration patterns in Western Sandpiper *Calidris mauri*. Pages 545–550 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Buchanan, J.** 2006. A census of spring migrant Red Knots *Calidris canutus* in coastal Washington, USA: results from 2006. *Wader Study Group Bull.* 111: 64–66.
- Buchanan, J.B.** 2006. Black-bellied Plovers at Totten Inlet, Washington: phenology of spring migration, and changes in winter, spring and autumn migration. *Washington Birds* 9: 24–34.
- Buchanan, J.B.** 2006. Vocalizations of the Greater Yellowlegs in Washington. *Washington Birds* 9: 55–62.
- Estrella, S.M., J.A. Masero & A. Pérez-Hurtado.** 2007. Small-prey profitability: Field analysis of shorebirds' use of surface tension of water to transport prey. *Auk* 124(4): 1244–1253.
- Gill, R.E., Jr., T. Piersma, G. Hufford, R. Servranckx & A. Riegen.** 2006. Crossing the ultimate ecological barrier: evidence for an 11 000 km long non-stop flight from Alaska to New Zealand and eastern Australia by Bar-tailed Godwits *Limosa lapponica*. Pages 524–534 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Gillings, S., P.W. Atkinson, S.L. Bardsley, N.A. Clark, S.E. Love, R.A. Robinson, R.A. Stillman & R.G. Weber.** 2007. Shorebird predation of horseshoe crab eggs in Delaware Bay: species contrasts and availability constraints. *J. Animal Ecol.* 76(3): 503–514.
- Haramis, G.M., W.A. Link, P.C. Osenton, D.B. Carter, R.G. Weber, N.A. Clark, M.A. Teece & D.S. Mizrahi.** 2007. Stable isotope and pen feeding trial studies confirm the value of horseshoe crab *Limulus polyphemus* eggs to spring migrant shorebirds in Delaware Bay. *J. Avian Biol.* 38(3): 367–376.
- Jorgensen, J.G.** 2007. *Buff-breasted Sandpiper (Tryngites subruficollis) abundance, habitat use, and distribution during migratory stopover in the Rainwater Basin, Nebraska*. M.S. thesis, University of Nebraska, Omaha, NE, USA.
- Jorgensen, J.G., J.P. McCarty & L.L. Wolfenbarger.** 2007. Landscape and habitat variables affecting Buff-breasted Sandpiper *Tryngites subruficollis* distribution during migratory stopover in the Rainwater Basin, Nebraska, USA. *Wader Study Group Bull.* 112: 45–51.
- Karpanty, S.M., J.D. Fraser, J. Berkson, L.J. Niles & A. Dey.** 2006. Horseshoe crab eggs determine Red Knot distribution in Delaware Bay. *J. Wildl. Manage.* 70(6): 1704–1710.
- Lank, D.B. & S. Nebel.** 2006. Cross-cutting research on a flyway scale – beyond monitoring. Pages 107–112 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Lee, J.F.** 2007. *Community composition and microhabitats of macroinvertebrates on sandbars within the lower Missouri River as a food source for foraging migratory shorebirds*. M.S. thesis, South Dakota State University, Brookings, SD.
- Lehnen, S.E. & D.G. Krentz.** 2007. The influence of body condition on the stopover ecology of Least Sandpipers in the Lower Mississippi Alluvial Valley during fall migration. *Avian Conserv. Ecol. - Écologie et conservation des oiseaux* 2(2): 9 [online] URL: <http://www.ace-eco.org/vol2/iss2/art9/>.
- Maillet, D. & J. Weber.** 2007. Relationship between n-3 PUFA content and energy metabolism in the flight muscles of a migrating shorebird: evidence for natural doping. *J. Exp. Biol.* 210(3): 413–420.
- Mathot, K.J., B.D. Smith & R.W. Elner.** 2007. Latitudinal clines in food distribution correlate with differential migration in the Western Sandpiper. *Ecology* 88(3): 781–791.
- Morrison, R.I.G., N.C. Davidson & J.R. Wilson.** 2007. Survival of the fittest: body stores on migration and survival in red knots *Calidris canutus islandica*. *J. Avian Biol.* 38(4): 479–487.
- Myatt, N.A. & D.G. Krentz.** 2007. American Woodcock fall migration using central region band-recovery and wing-collection survey data. *J. Wildl. Manage.* 71(2): 336–344.
- Pomeroy, A.C., R.W. Butler & R.C. Ydenberg.** 2006. Experimental evidence that migrants adjust usage at a stopover site to trade off food and danger. *Behav. Ecol.* 17(6):1041–1045.
- Ranallo, K.A.** 2006. *The effects of weather on wetland habitat conditions and shorebirds during spring and fall migration in northwest Minnesota*. M.S. thesis, South Dakota State University, Brookings, SD, USA.
- Sweka, J.A., D.R. Smith & M.J. Millard.** 2007. An age-structured population model for horseshoe crabs in the Delaware Bay area to assess harvest and egg availability for shorebirds. *J. Estuaries Coasts* 30(2): 277–286.
- Williams, T.D., N. Warnock, J.Y. Takekawa & M.A. Bishop.** 2007. Flyway scale variation in plasma triglyceride levels as an index of refueling rate in spring-migrating West-



- ern Sandpipers (*Calidris mauri*). *Auk* 124(3): 886–897.
- Wohl, K.D.** 2006. The Arctic origin of flyways. Pages 120–123 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Zwiebel, B.** 2006. Length of migration stopover of the Buff-breasted Sandpiper in Ohio. *Ohio Cardinal* 29(1): 35–37.
- ### CONTRA-NUPTIAL (NON-BREEDING) BEHAVIOUR & ECOLOGY
- Andres, B.A., J.A. Johnson & J. Valenzuela.** 2007. Whimbrels use novel high tide roosts during the contranuptial season in southern Chile. *Wader Study Group Bull.* 112: 3–4.
- Aparico, A.** 2006. Abundance and phenology of migratory non-breeding shorebirds on exposed sandy beaches of south central Chile. *Wader Study Group Bull.* 111: 60–63.
- Azpiroz, A.B. & F. Rilla.** 2006. Biodiversity and conservation in the Bañados del Este, southeastern Uruguay. Pages 186–187 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Barbieri, E.** 2007. Seasonal abundance of shorebirds at Aracaju, Sergipe, Brazil. *Wader Study Group Bull.* 113: 47–52.
- Conklin J.R. & M.A. Colwell.** 2007. Diurnal and nocturnal roost site fidelity of Dunlin (*Calidris alpina pacifica*) at Humboldt Bay, California. *Auk* 124(2): 677–689.
- Conklin J.R. & M.A. Colwell.** 2007. Interaction of predators and manmade object causes potentially significant mortality in a wintering shorebird population. *Wader Study Group Bull.* 112: 57–59.
- Canepuccia, A.D., J.P. Isacch, D.A. Gagliardini, A.H. Escalante & O.O. Iribarne.** 2007. Waterbird response to changes in habitat area and diversity generated by rainfall in a SW Atlantic coastal lagoon. *Waterbirds* 30(4): 541–553. [Boreal-wintering shorebirds]
- Davis, W.E. & J.A. Jackson.** 2007. Willets kleptoparasitize and use White Ibis as “beaters”. *Wilson J. Ornithol.* 119(4): 758–760.
- Goldfeder, S.D. & D.E. Blanco.** 2006. The conservation status of migratory waterbirds in Argentina: towards a national strategy. Pages 189–194 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Harrington, B.A., B. Winn & S.C. Brown.** 2007. Molt and body mass of Red Knots in the Southeastern United States. *Wilson J. Ornithol.* 119(1): 35–42.
- Johnson, J.A., B.A. Andres, H. P. Sitters, J. Valenzuela, L.J. Niles, A.D. Dey, M.K. Peck & L.A. Espinosa.** 2007. Counts and captures of Hudsonian Godwits and Whimbrels on Chiloé Island, Chile, January–February 2007. *Wader Study Group Bull.* 113: 47–52.
- Kober, K.** 2006. Opportunism required – migratory shorebirds at variable tidal flats in the northeast of Brazil. Page 185 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Morales-Gopar, L. & R. Carmona.** 2006. “Flutter-feeding” by Western Sandpipers: a novel over-water foraging technique. *Wader Study Group Bull.* 111: 103–104.
- Mugica, L., M. Acosta, D. Denis, A. Jiménez, A. Rodríguez & X. Ruiz.** 2006. Rice culture in Cuba as an important wintering site for migrant waterbirds from North America. Pages 172–176 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Naranjo, L.G., A. Aparicio & P. Falk.** 2006. Important areas for waterbirds on the Pacific coast of Colombia. Pages 181–182 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Naranjo, L.G., L.F. Castillo, R. Johnston-González, C. Hernández, C. Ruiz & F. Estela.** 2006. Waterbird monitoring and conservation in protected areas of the Colombian Pacific. Pages 177–180 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Niles, L.J., A.D. Dey, N.J. Douglass, J.A. Clark, N.A. Clark, A.S. Gates, B.A. Harrington, M.K. Peck & H.P. Sitters.** 2006. Red Knots wintering in Florida: 2005/6 expedition. *Wader Study Group Bull.* 111: 86–99.
- O’Hara, P.D., B.J.M. Haas, R.W. Elner, B.D. Smith & J.K. Kenyon.** 2007. Are population dynamics of shorebirds affected by El Niño/Southern Oscillation (ENSO) while on their non-breeding grounds in Ecuador? *Estuar. Coastal Shelf Sci.* 74(1–2): 96–108.
- Patterson, J.M.** 2007. An analysis of Snowy Owl (*Bubo scandiacus*) diet during the 2005 to 2006 irruption along the Oregon and Washington coasts. *Northwestern Nat.* 88(1): 12–14. [Red Phalarope]
- Rice, S.M., J.A. Collazo, M.W. Alldredge, B.A. Harrington & A.R. Lewis.** 2007. Local annual survival and seasonal residency rates of Semipalmated Sandpipers (*Calidris pusilla*) in Puerto Rico. *Auk* 124(4): 1397–1406.
- Sánchez, L.E., D.M. Buehler & A.I. Castillo.** 2006. Shorebird monitoring in the Upper Bay of Panama. Pages 166–171 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.
- Schaeffer-Novelli, Y., G. Cintrón-Molero & C. Coelho, Jr.** 2006. Managing shorebird flyways: shrimp aquaculture, shorebird populations and flyway integrity. Pages 812–816 in G.C. Boere, C.A. Galbraith & D.A. Stroud (eds.). *Waterbirds around the world*. TSO Scotland Ltd., Edinburgh, UK.

