

# North American Shorebird Literature – 2011

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## POPULATIONS, ABUNDANCE & DISTRIBUTION

- Carmona, R., N. Arce, V. Ayala-Perez & G.D. Danemann.** 2011. Seasonal abundance of shorebirds at the Guerrero Negro wetland complex, Baja California, Mexico. *Wader Study Group Bull.* 118: 40–48.
- Carmona, R., A. Hernández Alvarez & G. Danemann.** 2011. Estado actual de las investigaciones sobre aves playeras en México. *CICIMAR Oceanídes* 26: 47–57.
- Cline, B.B. & S.M. Haig.** 2011. Seasonal movement, residency, and migratory patterns of Wilson's Snipe (*Gallinago delicata*). *Auk* 128: 543–555.
- Cohen, J.B. & C. Gratto-Trevor.** 2011. Survival, site fidelity, and the population dynamics of Piping Plovers in Saskatchewan. *J. Field Ornith.* 82: 379–394.
- Conklin, J.R., P.F. Battley, M.A. Potter & D.R. Ruthrauff.** 2011. Geographic variation in morphology of Alaska-breeding Bar-Tailed Godwits (*Limosa lapponica*) is not maintained on their nonbreeding grounds in New Zealand. *Auk* 128: 363–373.
- Elliott, K.H., P.A. Smith & V.H. Johnston.** 2010. Aerial surveys do not reliably survey boreal-nesting shorebirds. *Canadian Field-Nat.* 124: 145–150.
- Gratto-Trevor, C.L.** 2011. Aging and sexing the Piping Plover *Charadrius melodus*. *Wader Study Group Bull.* 118: 118–122.
- Jukema, J., O.W. Johnson, J. Aldabe & P. Rocca.** 2011. Wing and tail moult of American Golden-Plovers *Pluvialis dominica* on wintering grounds in Uruguay, with confirmation that juveniles replace all primaries during their first non-breeding season. *Wader Study Group Bull.* 118: 129–131.
- Lesterhuis, A.J. & R.P. Clay.** 2011. Confirmation of the occurrence of Rufous-chested Dotterel and Semipalmated Plover in Paraguay. *Wader Study Group Bull.* 118: 127–128.
- McGowan, C.P., M.C. Runge & M.A. Larson.** 2011. Incorporating parametric uncertainty into population viability analysis models. *Biol. Conserv.* 144: 1400–1408. [Piping Plover]
- Ruiz-Guerra, C.** 2011. Occurrence of Red Knot and Marbled Godwit in Colombia. *Wader Study Group Bull.* 118: 194–195.

## CONTAMINANTS, DISEASE & PARASITES

- Diaz, J.I., G. Panisse, G. Escudero & J.M. Kinsella.** 2011. New host and geographical records and morphological details for *Echinuria skrjabiniensis* (Nematoda, Acuariidae) from shorebirds in Argentina. *Acta Parasitol.* 56: 315–319.
- Driskell, E.A.** 2011. *Wild aquatic bird avian influenza virus infections in mammals: A potential zoonotic threat?* Ph.D. thesis, University of Georgia, Athens, GA, USA.
- Hall, J.S., J.C. Franson, R.E. Gill, C.U. Meteyer, J.L. TeSlaa, S. Nashold, R.J. Dusek & H.S. Ip.** 2011. Experimental challenge and pathology of highly pathogenic avian influenza virus H5N1 in Dunlin (*Calidris alpina*), an intercontinental migrant shorebird species. *Influenza Other Respiratory Viruses* 5: 365–372.
- Hargreaves, A.L., D.P. Whiteside & G. Gilchrist.** 2011.

- Concentrations of 17 elements, including mercury, in the tissues, food and abiotic environment of Arctic shorebirds. *Sci. Total Environ.* 409: 3757–3770.
- Hiller, B.J.** 2011. *The occurrence and effects of cadmium uptake American woodcock*, *Scolopax minor*. Ph.D. thesis, University of Connecticut, Storrs, CT, USA.
- Hiller, B. & J. Barclay.** 2011. Concentrations of heavy metals in American Woodcock harvested in Connecticut. *Arch. Environ. Contam. Toxicol.* 60: 156–164.
- Lee, D-H., H-J. Lee, Y-N. Lee, J-K. Park, T-H. Lim, M-S. Kim, H-N. Youn, J-B. Lee, S-Y. Park, I-S. Choi & C-S. Song.** 2011. Evidence of intercontinental transfer of North American lineage avian influenza virus into Korea. *Infect. Genet. Evol.* 11: 232–236.

## HABITAT ASSESSMENT, CONSERVATION & MANAGEMENT

- Augustine, D.J.** 2011. Habitat selection by Mountain Plovers in shortgrass steppe. *J. Wildl. Manage.* 75: 297–304.
- Brown, M.B., M.E. Burbach, J. Dinan, R.J. Held, R.J. Johnson, J.G. Jorgensen, J. Lackey, J.F. Marcus, G.S. Matkin & C.M. Thody.** 2011. Nebraska's Tern and Plover Conservation Partnership – a model for sustainable conservation of threatened and endangered species. *Wader Study Group Bull.* 118: 22–25.
- Burger, J., C. Gordon, J. Lawrence, J. Newman, G. Forcey & L. Vlietstra.** 2010. Risk evaluation for federally listed (Roseate Tern, Piping Plover) or candidate (Red Knot) bird species in offshore waters: A first step for managing the potential impacts of wind facility development on the Atlantic Outer Continental Shelf. *Renewable Energy* 36: 338–351.
- Calvert, A.M. & P.D. Taylor.** 2011. Measuring conservation trade-offs: Demographic models provide critical context to empirical studies. *Avian Conserv. Ecol.* 6: 2 [online] <http://dx.doi.org/10.5751/ACE-00470-060202>. [Piping Plover]
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- Catlin, D.H., J.D. Fraser, J.H. Felio & J.B. Cohen.** 2011. Piping Plover habitat selection and nest success on natural, managed, and engineered sandbars. *J. Wildl. Manage.* 75: 305–310.
- Doxon, E.D., C.A. Davis & S.D. Fuhlendorf.** 2011. Comparison of two methods for sampling invertebrates: Vacuum and sweep-net sampling. *J. Field Ornith.* 82: 60–67.
- Duffy, W.G. & S.N. Kahara.** 2011. Wetland ecosystem services in California's Central Valley and implications for the Wetland Reserve Program. *Ecol. Appl.* 21: 18–30.
- Edwards, E.T., G.R. Parsons & K.H. Myers.** 2011. The economic value of viewing migratory shorebirds on the Delaware Bay: An application of the single site travel cost model using on-site data. *Human Dimensions Wildl.* 16: 435–444.
- Goossen, J.P., R.V. Lee, C. Kruse, C.L. Gratto-Trevor & S.M. Westworth.** 2011. Resightings of captive-reared and wild

- Piping Plovers from Saskatchewan, Canada. *Wader Study Group Bull.* 118: 1–9.
- Gratto-Trevor, C.L. & S. Abbott.** 2011. Conservation of Piping Plover (*Charadrius melodus*) in North America: Science, successes, and challenges. *Canadian J. Zool.* 89: 401–418.
- Huizing, M.G.** 2011. *Seasonal abundance, distribution, and habitat attributes of nonbreeding Long-billed Curlews (Numenius americanus) in the San Joaquin Valley of Central California.* M.Sc. thesis, California State University Stanislaus, Turlock, CA, USA.
- Isacch, J.P. & D.A. Cardoni.** 2011. Different grazing strategies are necessary to conserve endangered grassland birds in short and tall salty grasslands of the flooding pampas. *Condor* 113: 724–734. [boreal wintering and resident shorebirds]
- McIntyre, A. & J. Heath.** 2011. Evaluating the effects of foraging habitat restoration on shorebird reproduction: The importance of performance criteria and comparative design. *J. Coastal Conserv.* 15: 151–157.
- Mulcahy, D.M., B. Gartrell, R.E. Gill, Jr., T. L. Tibbitts & D.R. Ruthrauff.** 2011. Coelomic implantation of satellite transmitters in the Bar-tailed Godwit (*Limosa lapponica*) and the Bristle-thighed Curlew (*Numenius tahitiensis*) using Propofol, Bupivacaine, and Lidocaine. *J. Zoo Wildl. Med.* 42: 54–64.
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- O’Connell, J. & J. Nyman.** 2011. Effects of marsh pond terracing on coastal wintering waterbirds before and after Hurricane Rita. *Environ. Manage.* 48: 975–984.
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- Brown, A.C. & K. Brindock.** 2011. Breeding success and nest site selection by a Caribbean population of Wilson’s Plovers. *Wilson J. Ornithol.* 123: 814–819.
- Casey, A.E., B.K. Sandercock & S.M. Wisely.** 2011. Genetic parentage and local population structure in the socially monogamous Upland Sandpiper. *Condor* 113: 119–128.
- Colwell, M.A. & W.J. Pearson.** 2011. Four cases of inbreeding in a small population of the Snowy Plover. *Wader Study Group Bull.* 118: 181–183.
- Colwell, Mark A., J.J. Meyer, M.A. Hardy, S.E. McAllister, A.N. Transou, R.R. Levalley & S.J. Dinsmore.** 2011. Western Snowy Plovers *Charadrius alexandrinus nivosus* select nesting substrates that enhance egg crypsis and improve nest survival. *Ibis* 153: 303–311.
- Convertino M, J.B. Elsner, R. Muñoz-Carpena, G.A. Kiker, C.J. Martinez, R.A. Fischer & I. Linkov.** 2011. Do tropical cyclones shape shorebird habitat patterns? Biogeoclimatology of Snowy Plovers in Florida. *PLoS ONE* 6(1): e15683.
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- Garvey, M.E.** 2011. *A spatial analysis of factors affecting the nesting ecology of shorebirds in the Canadian prairie-parklands.* M.Sc. thesis, Trent University, Peterborough, ON, Canada.
- Gates, H.R.** 2011. *Reproductive ecology and morphometric subspecies comparisons of Dunlin (Calidris alpina), an arctic shorebird.* M.Sc. thesis, University of Alaska Fairbanks, AK, USA.
- Gregory, C.J.** 2011. *Reproductive ecology of the Long-billed Curlew (Numenius americanus) in western Nebraska.* M.Sc. thesis, Iowa State University, Ames, IA, USA.
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- Ray, K.L.** 2011. *Factors affecting Wilson’s Plover (Charadrius wilsonia) demography and habitat use at Onslow Beach, Marine Corps Base Camp Lejeune, North Carolina.* M.Sc. thesis, Virginia Polytechnic Institute and State University, Blacksburg, VA, USA.
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- Stenzel, L.E., G.W. Page, J.C. Warriner, J.S. Warriner, K.K. Neuman, D.E. George, C.R. Eyster & F.C. Bidstrup.** 2011. Male-skewed adult sex ratio, survival, mating opportunity and annual productivity in the Snowy Plover *Charadrius alexandrinus*. *Ibis* 153: 312–322.
- Williamson, T.M.** 2011. *Ecological energetics of the Semipalmated Plover, Charadrius semipalmatus.* Ph.D. thesis, Trent University, Peterborough, ON, Canada.

## NUPTIAL BEHAVIOUR & ECOLOGY

## MIGRATION BEHAVIOUR &amp; ECOLOGY

- Beninger P.G., R.W. Elner, M. Moranças & P. Decottignies.** 2011. Downward trophic shift during breeding migration in the shorebird *Calidris mauri* (Western Sandpiper). *Mar. Ecol. Prog. Ser.* 428: 259–269.
- Buchanan, J.B.** 2011. Behavior of spring migrant Black-bellied Plovers at Totten Inlet, Washington: Agonistic or courtship function? *Washington Birds* 11: 8–17.
- Buchanan, J.B.** 2011. Reaction of Dunlins *Calidris alpina* to Turkey Vultures *Cathartes aura* in western Washington, USA. *Wader Study Group Bull.* 118: 189–190.
- Buchanan, J.B., L.J. Salzer, G.J. Wiles, K. Brady, S.M. Desimone & W. Michaelis.** 2011. An investigation of Red Knot *Calidris canutus* spring migration at Grays Harbor and Willapa Bay, Washington. *Wader Study Group Bull.* 118: 97–104.
- Cohen, J.B., B.D. Gerber, S.M. Karpanty, J.D. Fraser & B.R. Truitt.** 2011. Day and night foraging of Red Knots (*Calidris canutus*) during spring stopover in Virginia, USA. *Waterbirds* 34: 352–356.
- Conklin, J.R. & P.F. Battley.** 2011. Contour-feather moult of Bar-tailed Godwits (*Limosa lapponica baueri*) in New Zealand and the northern hemisphere reveals multiple strategies by sex and breeding region. *Emu* 111: 330–340.
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- Dekker, D., I. Dekker, D. Christie & R. Ydenberg.** 2011. Do staging Semipalmated Sandpipers spend the high-tide period in flight over the ocean to avoid falcon attacks along shore? *Waterbirds* 34: 195–201.
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- Given, A.M.** 2011. Leucistic Red Knot *Calidris canutus* at Kiawah Island, South Carolina. *Wader Study Group Bull.* 118: 65.
- Gratto-Trevor, C.L.** 2011. Connectivity in Willets and Marbled Godwits breeding in western Canada. *Wader Study Group Bull.* 118: 55–57.
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- Johnson, O.W., L. Fielding, J.W. Fox, R.S. Gold, R.H. Goodwill & P.M. Johnson.** 2011. Tracking the migrations of Pacific Golden-Plovers (*Pluvialis fulva*) between Hawaii and Alaska: New insight on flight performance, breeding ground destinations, and nesting from birds carrying light level geolocators. *Wader Study Group Bull.* 118: 26–31.
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- Olson, B.E.** 2011. *The biogeography of Marbled Godwit (Limosa fedoa) populations in North America.* M.Sc. thesis, Utah State University, Logan, UT, USA.
- Pollock, L.A.** 2011. *The importance of Akimiski Island, Nunavut, as a stopover site for migrant shorebirds.* M.Sc. thesis, Trent University, Peterborough, ON, Canada.
- Ranalli, N.A.** 2010. *Shorebird migration in western Kentucky: Phenology, habitat use, and possible effects of prey availability.* M.Sc. thesis, Eastern Kentucky University, Richmond, KY, USA.
- Taylor, A.R., R.B. Lanctot, A.N. Powell, S.J. Kendall & D.A. Nigro.** 2011. Residence time and movements of postbreeding shorebirds on the northern coast of Alaska. *Condor* 113: 779–794.
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## CONTRA-NUPTIAL (NON-BREEDING) BEHAVIOUR &amp; ECOLOGY

- Below, T.H.** 2011. Shorebirds swimming in groups in SW Florida. *Wader Study Group Bull.* 118: 188–189.
- Brindock, K.M. & M.A. Colwell.** 2011. Habitat selection by western Snowy Plovers during the nonbreeding season. *J. Wildl. Manage.* 75: 786–793.
- Cardoso, T.A.L. & D. Zeppelini.** 2011. Migratory shorebirds during boreal summer and southward migration on the coast of Paraíba, Brazil. *Waterbirds* 34: 369–375.
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- González, P.M.** 2011. Observation of a leucistic Red Knot *Calidris canutus rufa* in San Antonio Oeste, Río Negro, Argentina. *Wader Study Group Bull.* 118: 125–126.
- Senner, N.R. & K.S. Coddington.** 2011. Habitat use and foraging ecology of Hudsonian Godwits *Limosa haemastica* in southern South America. *Wader Study Group Bull.* 118: 105–108.
- Schwarzer, A.C.** 2011. *Demographic rates and energetics of red knots wintering in Florida.* M.Sc. thesis, University of Florida, Gainesville, FL, USA.

## WESTERN HEMISPHERE SHOREBIRD GROUP MEETING

- Ydenberg, R.C. & D.B. Lank (co-chairs).** 2011. Western Hemisphere Shorebird Group: Fourth Meeting, 11–15 August 2011, Simon Fraser University, British Columbia, Canada. *Wader Study Group Bull.* 118: 196–200.