



1

NON-BREEDING SHOREBIRDS

9



2



3

LITERATURE CITED

- Biggs R, Schlüter M, Biggs D, Bohensky EL, BurnSilver S, Cundill G, Dakos V, Daw TM, Evans LS, Kotschy K, et al. 2012. Toward principles for enhancing the resilience of ecosystem services. *Annu Rev Environ Resour.* 37:421–448. doi: 10.1146/annurev-environ-051211-123836
- Burton NHK, Rehfish MM, Clark NA, Dodd SG. 2006. Impacts of sudden winter habitat loss on the body condition and survival of redshank *Tringa totanus*. *J Appl Ecol.* 43:464–473. doi: 10.1111/j.1365-2664.2006.01156.x
- Carver E. 2013. Birding in the United States: a demographic and economic analysis. Arlington, Virginia: U.S. Fish and Wildlife Service, Division of Economics. Available from: <http://digitalmedia.fws.gov/cdm/singleitem/collection/document/id/1874/rec/3>
- Carver E, Caudill J. 2013. Banking on nature: The economic benefits to local communities of National Wildlife Refuge visitation. Washington, D.C.: U.S. Fish and Wildlife Service, Division of Economics. Available from: <http://digitalmedia.fws.gov/cdm/singleitem/collection/document/id/1832/rec/1>
- [CVJV] Central Valley Joint Venture. 2006. Central Valley Joint Venture Implementation Plan: Conserving bird habitat. Sacramento, CA: U.S. Fish and Wildlife Service. Available from: <http://centralvalleyjointventure.org>
- Dybala KE, Reiter ME, Hickey CM, Shuford WD, Strum KM, Yarris GS. 2017. A bioenergetics approach to setting conservation objectives for non-breeding shorebirds in California's Central Valley. *San Franc Estuary Watershed Sci.* 15(1):2.
- Finlayson CM, Davidson NC, Spiers AG, Stevenson NJ. 1999. Global wetland inventory – current status and future priorities. *Mar Freshw Res.* 50:717–727. doi: 10.1071/MF99078
- Fleskes JP, Skalos DA, Farinha MA. 2012. Bird use of fields treated postharvest with two types of flooding in Tulare Basin, California. *J Fish Wildl Manag.* 3:164–174. doi: 10.3996/092011-JFWM-056
- Golet GH, Low C, Avery S, Andrews K, McColl CJ, Laney R, Reynolds MD. 2018. Using ricelands to provide temporary shorebird habitat during migration. *Ecol Appl.* 28(2):409–426. doi: 10.1002/eap.1658
- Fraye WE, Peters DD, Pywell HR. 1989. Wetlands of the California Central Valley: status and trends: 1939 to mid-1980's. Portland, OR: U.S. Fish and Wildlife Service. Available from: http://www.fwspubs.org/doi/suppl/10.3996/012014-JFWM-003/suppl_file/012014-jfwm-003.s10.pdf
- Hagy HM, Yaich SC, Simpson JW, Carrera E, Haukos DA, Johnson WC, Loesch CR, Rei FA, Stephens SE, Tiner RW, Werner BA, Yarris GS. 2014. Wetland issues affecting waterfowl conservation in North America. *Wildfowl Special Issue* 4:343–367. Available from: <http://wildfowl.wwt.org.uk/index.php/wildfowl/article/view/2612>
- Hatfield J, Takle G, Grotjahn R, Holden P, Izaurralde RC, Mader T, Marshall E, Liverman D. 2014. Chapter 6: Agriculture. In: Melillo JM, Richmond TC, Yohe GW, editors. *Climate Change Impacts in the United States: The Third National Climate Assessment*. U.S. Global Change Research Program. p. 150–174. Available from: http://nca2014.globalchange.gov/system/files_force/downloads/low_NCA3_Full_Report_06_Agriculture_LowRes.pdf
- Hickey CM, Page GW, Shuford WD, Warnock S. 2003. Southern Pacific Shorebird Conservation Plan: A strategy for supporting California's Central Valley and coastal shorebird populations. Stinson Beach, California: PRBO Conservation Science. Available from: http://www.prbo.org/cms/docs/wetlands/SPSCPlan_010904.pdf
- Isola CR. 1998. Habitat use by foraging waterbirds in the Grasslands of California's northern San Joaquin Valley. M.S. Thesis, Humboldt State University, Arcata, CA.
- Johnston WE, Carter HO. 2000. Structural adjustment, resources, global economy to challenge California agriculture. *Calif Agric.* 54:16–22. doi: 10.3733/ca.v054n04p16
- Liu X, Taylor LO, Hamilton TL, Grigelis PE. 2013. Amenity values of proximity to National Wildlife Refuges: An analysis of urban residential property values. *Ecol Econ.* 94:37–43. doi: 10.1016/j.ecolecon.2013.06.011
- [MBCP] Migratory Bird Conservation Partnership. 2014. Waterbird Habitat Enhancement Program: Bird-friendly Farming in California Rice Fields. Report to the California Rice Commission. Available from: http://calrice.org/pdf/waterbird-habitatbro_web.pdf
- [NASS] National Agricultural Statistics Service. 2016. Quick Stats 2.0. [cited 2016 Feb 2]. U.S. Department of Agriculture. Available from: <https://quickstats.nass.usda.gov/>
- Page GW, Gill RE. 1994. Shorebirds in western North America: Late 1800s to late 1900s. *Stud. Avian Biol.* 15:147–160. Available from: https://sora.unm.edu/sites/default/files/journals/sab/sab_015.pdf
- Petrik K, Fehringer D, Weverko A. 2014. Mapping seasonal managed and semi-permanent wetlands in the Central Valley of California. Ducks Unlimited, Inc. Rancho Cordova, CA
- Redford KH, Amato G, Baillie JEM, Beldomenico P, Bennett EL, Clum N, Cook R, Fonseca G, Hedges S, Launay F, et al. 2011. What does it mean to successfully conserve a (vertebrate) species? *Bioscience* 61:39–48. Doi: 10.1525/bio.2011.61.1.9
- Reiter ME, Wolder MA, Isola JE, Jongsomjit D, Hickey CM, Carpenter M, Silveira JG. 2015. Local and landscape habitat associations of shorebirds in wetlands of the Sacramento Valley of California. *J Fish Wildl Manag.* 6:29–43. doi: 10.3996/012014-JFWM-003
- Senner SE, Andres BA, Gates HR, editors. 2016. Pacific Americas shorebird conservation strategy. National Audubon Society, New York, New York, USA
- Sesser KA, Reiter ME, Skalos DA, Strum KM, Hickey CM. 2016. Waterbird response to management practices in rice fields intended to reduce greenhouse gas emissions. *Biol Conserv.* 197:69–79. doi: 10.1016/j.biocon.2016.02.021
- Sesser KA, Iglecia M, Reiter ME, Strum KM, Hickey CM, Kelsey R, et al. 2018. Waterbird response to variable-timing of drawdown in rice fields after winter-flooding. *PLoS ONE* 13(10): e0204800. <https://doi.org/10.1371/journal.pone.0204800>
- Shuford WD, Page GW, Kjølmyr JE. 1998. Patterns and dynamics of shorebird use of California's Central Valley. *Condor* 100:227–244. doi: 10.2307/1370264
- Strum KM, Reiter ME, Hartman CA, Iglecia MN, Kelsey TR, Hickey CM. 2013. Winter management of California's rice fields to maximize waterbird habitat and minimize water use. *Agric Ecosyst Environ.* 179:116–124. doi: 10.1016/j.agee.2013.08.003
- [USSCPP] US Shorebird Conservation Plan Partnership. 2015. US Shorebirds of Conservation Concern – 2015. U.S. Fish and Wildlife Service, Division of Migratory Bird Management, Falls Church, Virginia. Available from <https://www.shorebirdplan.org/wp-content/uploads/2015/01/ShorebirdsConservationConcernJan2015.pdf>. 2016 update available from: <http://www.shorebirdplan.org/science/assessment-conservation-status-shorebirds>
- [WHSRN] Western Hemisphere Shorebird Reserve Network. 2009. Sites in the Western Hemisphere Shorebird Reserve Network. Available from: <https://www.whsrn.org/sites-1>
- Zedler JB, Kercher S. 2005. Wetland resources: Status, trends, ecosystem services, and restorability. *Annu. Rev Environ Resour.* 30:39–74. doi: 10.1146/annurev.energy.30.050504.144248

NOTES

- Arthur S. 2018. Audubon California, email communication to K. Dybala regarding wetland enhancement in the Grasslands Ecological Area.
- Fehringer D. 2016. Ducks Unlimited, email communication to K. Dybala regarding estimates of wetland acres restored between 2009 and 2015 in the Central Valley.
- Isola C. 2015. U.S. Fish and Wildlife Service, email communication to K. Dybala regarding estimates of the proportion of flooded seasonal and semi-permanent/permanent wetlands that are less than 10 cm deep.
- The Nature Conservancy. 2015. Suitable agriculture GIS layer, developed from the remotely-sensed CropScape Cropland Data Layer provided by the U.S.D.A. National Agricultural Statistics Service and processed to include only pixels that were consistently classified into one of several major crop classes in the majority of the years 2007–2014. Available from: Roddy.Kelsey@tnc.org