



Audubon

Hog Island
Audubon Camp

Terns: Masters of Migration

Dr. Don Lyons

Arctic Terns

The Arctic Tern Migration Project website, covering tracking work conducted on birds nesting in Greenland: <http://www.arctictern.info/> [PDF]

Geolocators Reveal Migratory Patterns of Arctic Terns Nesting in Maine. Linda Welch et al. USFWS. Report on the findings of the Maine Arctic Tern migration study. [WEB] [PDF]

Migration of Arctic Terns nesting in Alaska: https://www.int-res.com/articles/meps_oa/m491p253.pdf
Citation: McKnight, A., Allyn, A.J., Duffy, D.C. and Irons, D.B., 2013. 'Stepping stone pattern in Pacific Arctic tern migration reveals the importance of upwelling areas. Marine Ecology Progress Series, 491, pp.253-264. [PDF]

Caspian Terns

The importance of the Salton Sea as a migratory stopover for Pacific Flyway Caspian Terns: <https://doi.org/10.1675/063.041.0206>

Citation: Lyons, D.E., Patterson, A.G., Tennyson, J., Lawes, T.J. and Roby, D.D., 2018. The Salton Sea: critical migratory stopover habitat for Caspian Terns (*Hydroprogne caspia*) in the North American Pacific Flyway. *Waterbirds*, 41(2), pp.154-165. [PDF]

Birds of the Salton Sea, California Audubon: <https://ca.audubon.org/conservation/birds-salton-sea> [PDF]

The state of California's Salton Sea Management Program website: <https://saltonsea.ca.gov/> [PDF]

Population expansion into Alaska and long distance breeding dispersal documented from observations of banded birds: <https://doi.org/10.1675/063.042.0101>

Citation: Suzuki, Y., Bishop, M.A., Roby, D.D. and Bixler, K.S., 2019. Colony connectivity and the rapid growth of a Caspian Tern (*Hydroprogne caspia*) colony on Alaska's Copper River Delta, USA. *Waterbirds*, 42(1), pp.1-7. [PDF]

Expansion of Caspian Terns into the Arctic, most likely due to climate change: http://www.marineornithology.org/PDF/45_2/45_2_143-148.pdf

Citation: Haynes, T.B., Tibbles, M., Rodriguez, K., Perrault, B.H. and D ROBARDS, M.A.R.T.I.N., 2017. Successful breeding of Caspian Terns *Hydroprogne caspia* in the Arctic-part of the new normal?. *Marine Ornithology*, 45, pp.143-148. [PDF](#)

Tracking breeding Caspian Terns to understand foraging ecology at a newly restored colony site:
[https://doi.org/10.1675/1524-4695\(2005\)028\[0280:FEOCTI\]2.0.CO;2](https://doi.org/10.1675/1524-4695(2005)028[0280:FEOCTI]2.0.CO;2) (open access)

Citation: Lyons, D.E., Roby, D.D. and Collis, K., 2005. Foraging ecology of Caspian terns in the Columbia River estuary, USA. *Waterbirds*, 28(3), pp.280-291. [PDF](#)

Note: Click on the PDF to view the full paper