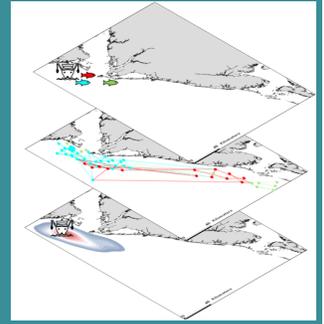


iTAG newsletter

Integrated tracking of aquatic animals in the Gulf of Mexico

November 2018



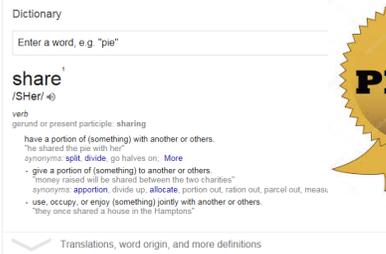
2018

With Thanksgiving and the five-year anniversary of iTAG around the corner, we wanted to write to thank each of you for helping to make iTAG successful and to update you on recent developments.

A special **THANK YOU** to data uploaders: Angela Collins, Andrea Kroetz, Ashley Baer, Chip Cotton, Danielle Morley, David Behringer, Erin Bohaboy (and Will Patterson), Jake Brownscombe, Jessica Carroll, Jane Gardiner, Krystan Wilkinson, Jim Locascio, Luke Griffin, Melissa Price, Nathaniel Hancock, Neil Hammerschlag, Natasha Viadero, Patrick O'Donnell, Rachel Scharer (and Greg Poulakis), Ross Boucek, Hayden Staley (and Sue Lowerre-Barbieri), and T. Reid Nelson.

Your efforts resulted in ~11 million detections available for taggers to adopt

Our first annual detection **SHARING AWARD** goes to: Hayden Staley (~5.7 million detections) and Jake Brownscombe (~1.8 million detections). Jake send us your mailing address & you'll receive your prize.



UPDATES

(1) The next iTAG meeting: We'd like to use this to work on a synthesis article or series of articles for a theme session addressing how the data exchange, interactive map, and increased infrastructure has improved our ability to link movement and management. Tentatively set for June 2019 in St. Petersburg. Please send us an email if you are interested in participating and what you would want to contribute: iTAG@myfwc.com.

(2) If you have not yet uploaded data in 2018, please remember do so by **mid-December** Holidays are a time of giving!



"Christmas is a time for giving. It's giving me a headache."



Membership Responsibilities: The following standards of agreement shall be expected of all members of the iTAG community

- i. Members will update orphan tag numbers and current receiver locations at least once a year.

(3) iTAG discount for Vemco purchases. We all use this & I am hoping we can all contribute to it being a good one this next year. Based on letters of support for RESTORE proposals, expected purchases look high. The form to fill out is here <https://www.dropbox.com/home/iTAG>. Note that there are tabs at the bottom for different equipment types. Please complete this by **mid-December**. We will send out a reminder a week before the due date. But no nagging this year, not fun for us and not fun for you!



(4) iTAG receiver coverage is growing! and to keep our interactive map up-to-date we need updated receiver information at least annually. So please send by **12/7/2018**: changes or additions to your receiver information. Also, Jayne Gardiner had a great idea of adding a field for first deployed so we know how long an area has been monitored.

(5) exciting news: we are working with UF to develop a new iTAG webpage... drawing on the excellent example of GLATOS <https://glatos.glos.us/>. Look for it in early 2019.



The Pub Report

Check out pubs from the Fisheries Research theme session edited by Ross Boucek and Dani Morley. Congrats!

Griffin, L.P., Brownscombe, J.W., Adams, A.J., Boucek, R.E., Finn, J.T., Heithaus, M.R., Rehage, J.S., Cooke, S.J., Danylchuk, A.J. 2018. Keeping up with the Silver King: Using cooperative acoustic telemetry networks to quantify the movements of Atlantic tarpon (*Megalops atlanticus*) in the coastal waters of the southeastern United States. *Fisheries Research*, 205: 65-76.

Ellis R.D., Flaherty-Walia, K.E., Collins, A.B., Bickford, J.W., Boucek, R., Walters Burnsed, S.L., Lowerre-Barbieri, S.K. 2019. Acoustic telemetry array evolution: From species- and project-specific designs to large-scale, multispecies, cooperative networks. *Fisheries Research*, 209: 186-195.

Jackson, L. S., Drymon, J. M., Nelson, T. R., and Powers, S. P. 2018. Biotelemetry based estimates of greater amberjack (*Seriola dumerili*) post-release mortality in the northern Gulf of Mexico. *Fisheries Research*, 208: 239-246.

ALSO A FEW PUBS in press (let us know of others so we can get them on the website):

Lembke, C., Lowerre-Barbieri, S., Mann, D., and Taylor, C. *In press*. Using three Acoustic Technologies on Underwater Gliders to Survey Fish. *Marine Technology Society Journal*.

Lowerre-Barbieri, S.K., Tringali, M.D., Murphy, M., Walters Burnsed, S., Bickford, J. and Porch, C. *in press*. Assessing red drum spawning aggregations and abundance in the Eastern Gulf of Mexico: a multidisciplinary approach. *ICES Journal of Marine Science*.

& in early 2019 in ICES JMS: Plugging spatial ecology into sustainable fisheries and EBM