

Additional published papers (Marine life, seabirds, pollutants, plastics, wreck, fulmar, quality)

Goretti García, Ainhoa Arévalo, Beatriz Beldarrain, Maite Cuesta, Javier Franco, Ruairí Gallagher, Isabel García-Barón, Irene Gómez, Mikel Lizarraga, Maite Louzao, Inmaculada Martín, Naiara Serrano, Izaskun Zorita 2018. Protocolo para evaluar y cuantificar la ingestión de plásticos por el arao común (*Uria aalge*). *Revista de Investigación Marina, AZTI*, 25(1): 1-31

Mallory, M.L., O'Driscoll, N.J., Klapstein, A., Valera, J.L., Ceapa, C. & Stokesbury, M.J.W. 2018. Methylmercury in tissues of Atlantic sturgeon (*Acipenser oxyrinchus*) from the Saint John River, New Brunswick, Canada. *Marine Pollution Bulletin* 126 (2018), pages 250-254.

Morley, T.I., Fayet, A.L., Jessop, H., et. al. 2016. The seabird wreck in the Bay of Biscay and Southwest Approaches in 2014: A review of reported mortality. *Seabird* 29: pages 22-38.

Provencher, J.F., Bond, A. & Mallory, M.L. 2015 (March). Marine birds and plastic debris in Canada: A national synthesis and a way forward. *Environmental Reviews* 23(1), pages 1-13.

Schwemmer, P., Covaci, A., Das, K., Lepoint, G., Adler, S. & Garthe, S. 2015 (January). Assessment of contaminant levels and trophic relations at a World Heritage Site by measurements in a characteristic shorebird species. *Environmental Research* 136 (2015), pages 163-172.

<http://dx.doi.org/10.1016/j.envres.2014.10.021>

van Franeker, J.A., Kühn, S., Pedersen, J. & Hansen, P.L. 2017 (November). Fulmar Litter EcoQO monitoring in Denmark 2002-2016. Report for the Danish Environmental Protection Agency. Wageningen Marine Research Den Helder, The Netherlands. 24pp.

Wesch, C., Elert, A.M., Wörner, M., Braun, U., Klein, R., & Paulus, M. 2017 (July). Assuring quality in microplastic monitoring: About the value of clean-air devices as essentials for verified data. *Scientific Reports* 7: 5424 (8pp + suppl). <https://doi.org/10.1038/s41598-017-05838-4>

Further web links of interest – Why not join a campaign or sign a petition? (See below)

Teabags sealed with plastic.

The **Co-op** has announced they are planning to make their tea bags plastic-free.

<https://www.theguardian.com/environment/2018/jan/28/teabags-plastic-free-co-op-eco-friendly>

There is a petition on the 38 Degrees website (<https://you.38degrees.org.uk/>) to encourage **PG Tips** to also go plastic-free with their tea bags ... Why not sign it?

Ask **McDonald's** to stop using plastic straws ...

<https://actions.sumofus.org/a/mcdonald-s-put-an-end-to-plastic-disposable-straws-today/?akid=38991.3985111.jPbBuv&rd=1&source=fwd&t=1>

Surfers Against Sewage - Join the campaign to seek a **Plastic Free Parliament** ...

<https://www.sas.org.uk/plastic-free-parliament/>

Why not sign the campaign for plastic-free **supermarkets** ...

https://secure.avaaz.org/campaign/en/uk_plasticfree_supermarkets_loc/?cgnQAeb

<https://www.theguardian.com/environment/2018/jan/19/hundreds-of-mps-call-on-supermarkets-to-scrap-plastic-packaging>

World Wide Fund for Nature and plastics ...

To find out what the **WWF** is doing, then go to their website and make a search for 'plastics' ... <https://www.wwf.org.uk/wildlife>

NEBBS Group surveyor Steve Holliday: skull collection

Steve is a long term member of our Group and has preserved bird and mammal skulls, in his spare time, since he was a youngster. He has prepared several for our Group use over some years. His collection has been photographed recently and some of these pictures are starting to appear on the White Wings Publishing website with accompanying text

<https://www.whitewingspublishing.co.uk/the-steve-holliday-skull-collection/>

Here are three pictures (by D M Turner; scale in mm) showing specimens from Steve's collection:



Curlew *Numenius arquata* (upper two specimens) and bar-tailed godwit *Limosa lapponica*.

Two red-breasted merganser *Mergus serrator* skulls.

Both species are regular waders of our coast.

Mainly a bird of passage and winter in northeast England, but also an extremely rare breeder.

Steve has featured in earlier NEBBS Group Regional Newsletters, for example:

- Newsletter No. 20, (2011), page 17, in article 'NEBBS surveyor Steve Holliday and bird skulls'
- Newsletter No. 21, (2014), page 13, in article 'Interesting bird findings – a request'
- Newsletter No. 22, (2015), page 9, in article 'Steve Holliday'
- Newsletter No. 23, (2016), page 8, in article 'Donation of skull and bone collection'



Northern gannet *Morus bassanus*, specimen found 12 May 2011 at North Berwick, East Lothian, Scotland.

Largest seabird in the northern hemisphere, with estimated population in Britain and Ireland of 259,311 AON/AOS in 1998-2000 (Mitchell, Newton, Ratcliffe & Dunn, 2004).
