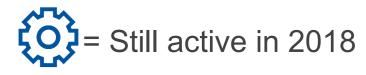


A Century of Marine Citizen Science

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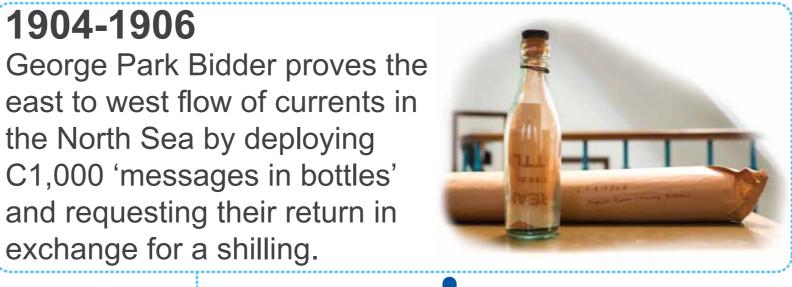
Since the inception of the Marine Biological Association (MBA) in 1884, studying marine life and sharing the knowledge gained with the public has been at its heart. Engaging those without any formal scientific training in the scientific process - now commonly called citizen science - furthers scientific knowledge and is a powerful tool for engagement and education. The following are a few highlights from more than a century of these activities by the MBA and associates.



= Approximately 10 year interval

1884

The MBA is established to help answer fundamental questions about marine fish and invertebrate populations. Studies are supported by data and observations provided by the fishing industry and still are. The Plymouth Laboratory was opened in 1888.



1931 😂

Sir Alister Hardy begins regular use of the Continuous Plankton Recorder (CPR), towed by merchant vessels, deployed and retrieved by volunteers. The design is being used to this day with few modifications and is still deployed by volunteers from a range of vessels. The CPR Survey is now operated by the MBA in Plymouth.



2010 - 2014

MBA Researchers 2009 😂 Wembury work with Cornwall The MBA, Natural BioBlitz wildlife trust to History Museum, 2009 engage yacht owners London (NHM), and in monitoring OPAL run the first public marine BioBlitz non-native species in the UK. Now an annual event on marinas and hulls. generating important species distribution

One of G.P. Bidder's bottles was recovered in Germany in 2015, setting the official world record for the oldest message in a bottle ever found.

2011

The Mitten Crab Recording scheme is run in partnership with the NHM to investigate distribution and spread of an invasive species. Mittencrabs.org

2017 🕸

Crab Watch aims to increase our knowledge of European crab distribution especially invasive species. Developed as part of the H2020 funded SeaChange & ENVRI+ Projects.

www.mba.ac.uk/crabwatch

OUR COAST

www.mba.ac.uk/bioblitz 2005

The Shore Thing is launched One of the UK's first marine citizen science initiatives for school groups and volunteers.

data. Including species new to science.

www.mba.ac.uk/shorething

2016 🕸

The MBA is a partner in the Newcastle University led, **Capturing Our Coast** Project. Engaging volunteers in a range of intertidal scientific investigations and providing training and

social events to

increase participation. www.capturingourcoast.co.uk

2000 😂

Sealife

Sealife Survey developed for WWF by the MBA's MarLIN program, to collect and disseminate marine life records from the public. The Sealife Survey continues today and is run by the MBA. Data is archived in in DASSH (The Archive for Marine Species and Habitats Data) and made available through UK and International portals. www.sealifesurvey.org



'Alien Invaders' with Holbeton **Primary School** Contributing data to at least two published scientific papers.

2014 💮

The public are asked to contribute records of an invasive seaweed through the MBA led Wakame Watch. www.wakamewatch.org



Nakama

1967

Accounts and data collected by local residents is used by the MBA in the study of impacts of oil and dispersents on the shore following the **Torrey** Canyon oil spill.

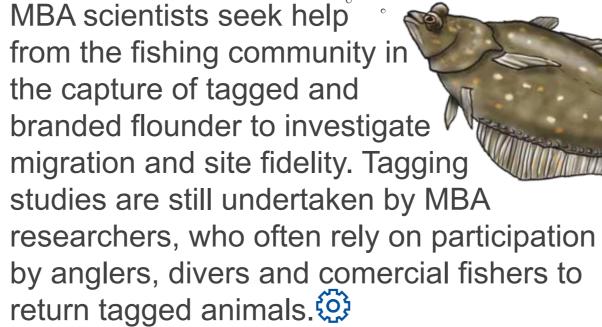


Term 'Citizen Science' First used by R. Kerson to describe public participation in scientific research.



The Marine Biological Association is a member of the European Citizen Science Association.













Torrey Canyon'

Pollution and

Marine Life