

Classifieds

Covering the Cygnet, Huonville, Franklin, Ranelagh & Channel areas

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Citizen science & climate change


REDMAP (Range Expansion Database and Mapping Project), is a new interactive website designed to collect data from the community about how climate change may be affecting the distribution of marine species in Tasmanian waters.

Many species are undergoing range expansions or shifts in their distributional range, with those more often associated with waters around Victoria, South Australia and even New South Wales being more frequently caught or seen by local fishers and divers in Tasmania. There are also species that are usually present in the north of our state moving much further south. In fact, there is evidence to suggest that several dozen species have altered their usual geographical

ranges over the last few decades. Shifts in range for many of these species are thought to be a consequence of warming due to global climate change. Waters off the east coast of Tasmania are warming at 3-4 times the global average as this area gets a 'double-whammy' - the underlying warming that the rest of the ocean gets and an increased extension and persistence of the East Australian Current.

Grey morwong photographed by Tim Alexander whilst diving on the east coast of Tasmania.



redmap 

SPOT. LOG. MAP.

How you can contribute

The database that forms the backbone of the REDMAP site allows the local community to act as 'citizen scientists' and record scientific data by logging sightings of species that are caught or observed outside their usual or known range.

redmap.org.au

To check out the REDMAP website, log on to redmap.org.au and sign up as a user.

On the Redmap website is a list with photos of all the species REDMAP are currently interested in logging. You never know, something you have seen recently may be on the list. You can also log sightings of species not on the REDMAP list, but that you know or suspect may be a species usually found further north. If in doubt send us your photo anyway!

There is a simple on-line form to fill out where all the data will be collected and sent to the database maintained by TAFI - the Tasmanian Aquaculture and Fisheries Institute.

Photos are welcome

Sightings are divided into two categories: those with photos and those without. If you attach a photo to your data form, REDMAP

can classify the data as 'verified'. The location is recorded in a 50 by 50 km radius - so we're not giving away your favourite fishing spots! If you don't have access to the internet you can still log your sighting - give us a call and we'll post a form out to you. While you are on the REDMAP website there is a lot to look at, particularly for school kids. There is a considerable amount of Tasmanian-specific information about the importance of fishing to our state, the impact of climate change on the Tasmanian marine environment and information by Tasmanian scientists about their climate change work.

Sign-up for newsletters & monthly prizes

By signing up you automatically go in the draw for monthly prizes, including \$50 Mures vouchers. You'll also receive our quarterly newsletter. Once you're a member, get a friend to sign up and you go in the draw to win \$400 worth of Anaconda outdoor gear!

Enquiries

For further information contact Fiona Brodribb, REDMAP Science Communication Officer on 6227 7267 (enquiries@redmap.org.au) or Dr Gretta Pecl on 6227 7243 (Gretta.Pecl@utas.edu.au).

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