



WELCOME

Welcome to our first edition of Redmap news for 2011. It's been a fairly wet summer, but hopefully you've managed to get out and enjoy some days in, on or beside the sea!

At the end of 2010 we were very happy to be awarded a grant from the Tasmanian Community Fund (TCF) to extend the success of Redmap by adding some additional web sections. We will be creating sections on marine megafauna (e.g. turtles and sharks) and marine invertebrates. If you've seen any invertebrate species around lately that you think might be new to a particular area, please let us know.

The TCF grant will also fund the production of a waterproof booklet containing information that will help you identify Redmap-listed species when you're out on the water. This great resource will be distributed FREE to Redmap members.

We'll be at the 'Active in Clarence Expo' to be held at the Kangaroo Sports ground this Sunday – drop by and enter our prize draw to win a fishing combo from Anaconda.

Don't forget to tell your family and friends about Redmap. New members who subscribe before 31 March 2011 go in the draw to win a fantastic \$400 voucher (see page 6 for details)! In addition to this prize, we are continuing with our monthly \$50 Mures voucher subscriber prizes, thanks to Mures Fishing.

Happy fishing, boating and diving.

The Redmap Team



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Redmap is a project of the Tasmanian Aquaculture and Fisheries Institute (www.tafi.org.au), and is part of the Institute of Marine and Antarctic Studies (IMAS) at the University of Tasmania. Redmap has input and support from a large number of institutes, companies and organisations.

REDMAP BOAT RAMP SIGNS THANKS TO FISHWISE



*Have you ever wondered where the money raised from the sale of recreational sea fishing licences goes? It goes into a special fund – the **Fishwise** fund – to cover management and administration of licences and to support recreational fishing activities. One of these programs to support recreational fishing is Fishwise Community Grants.*

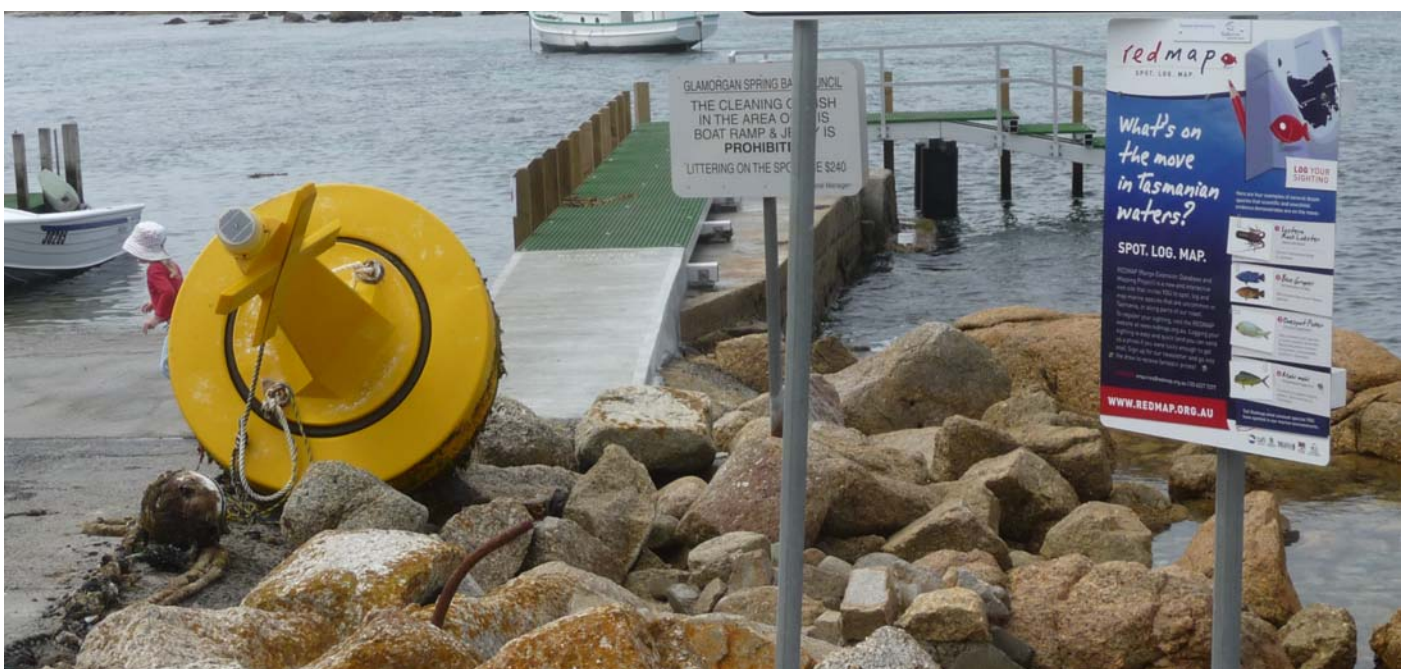
In 2010, Redmap was awarded a Fishwise Community Grant to allow us to produce signs for boat ramps at key recreational fishing locations around the state – to boost community awareness of Redmap.

We wish to extend a big thank you to Fishwise for providing the funds for this project.

See www.dpiw.tas.gov.au for more information on Fishwise Community Grants.



Redmap sign at Pirates Bay boat ramp. (Thanks to the Tuna Club of Tasmania for permission to put this sign up on the wall of their clubhouse.)



Boat ramp at Bicheno.

ANOTHER GREAT REASON TO SIGN UP TO REDMAP ...

New subscribers to Redmap automatically go in the monthly prize draw to win one of two \$50 Mures vouchers. The vouchers can be used to purchase fresh or cooked seafood from Mures Lowerdeck, and icecream or coffee from the Polar Parlour at Mures Lowerdeck.

Congratulations to Wes Gallichan and Ron McCauley who are our November and December subscriber winners, and Kevin Williams and Peter Reid who have won vouchers for subscribing in January.

Opposite is a photo of Peter and his daughter taken at Fortescue Bay. Peter moved to Tassie in 2003. He says he is a mad keen fisher and has always had a love of the sea. He used to dive when he was younger but now prefers to fish with his kids and teach them about their catch.

Peter is currently helping UTas with the Research Angler Program where he keeps a log book of his trips and details of his catch.

A big thank you to Mures Fishing for continuing to sponsor Redmap in 2011.



FILM ABOUT TASMANIA'S MARINE ENVIRONMENT

As a first step to engaging the community in supporting healthy oceans in Tasmania, Environment Tasmania and Ocean Planet have launched a **new short film** – Tasmania's Unique Marine Environment – a three-minute film to highlight the incredible diversity and uniqueness that characterises our marine life. Over a thousand copies of the film will be distributed to schools, councils, community groups and at events across Tasmania. Contact marine@et.org.au if you would like a copy to show at your school or group event. To view the film online, go to www.oceanplanet.org.au

Ocean Planet also has funky new **handfish t-shirts** and **hoodies** for marine lovers. See www.oceanplanet.org.au for details on colours, sizes and prices.

WIN A MOKEN KAYAK



Tasfish (www.tasfish.com) is giving you the chance to win a Moken 10 Angler Kayak.

Entry is simple. All you have to do is subscribe to the website – just fill out your details on the form on the Tasfish website and you could be a winner!

Hurry – Prize drawn 28 February!

Details of the kayak are available at

www.tasfish.com



PHOTOGRAPHING MARINE LIFE



Adriaan van Huissteden has lived in Tasmania for the past 21 years and has been free diving and scuba diving for the past 11 years. In his underwater photography, Adriaan tries to capture what some people will never see. He says that it can be challenging at times, but it is always very rewarding. We asked Adriaan to give our readers a few tips on underwater photography.

Underwater photography is very rewarding, and with a camera, an underwater housing, a few tips and lots of practice, you can soon be sharing what you see with friends, family and of course, Redmap.

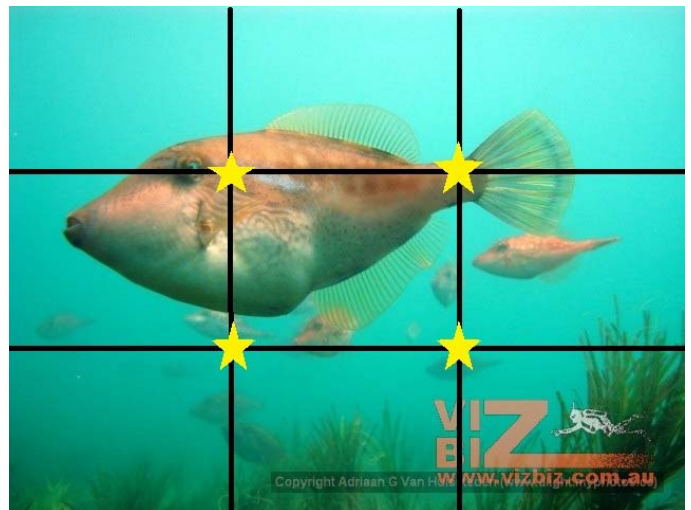
Many cameras have underwater housings available, whether you have a simple point and shoot or a professional digital SLR camera. Often the camera is not the limiting factor to great shots, but rather the lighting system. Large amounts of light are required to show the true colour of your subject or scene.

Practise at home in a dimly lit room with the camera in the housing; get to know where all the buttons are, how to turn the flash on and off, and how to turn macro mode on and off. Test the macro range with small objects and see how the pictures turn out. You might need to use a small torch to help your camera focus in low light or night-time conditions. Practise this too.

Make sure you are comfortable with your diving skills and buoyancy. Using a camera can be very distracting, and it can be easy to crash into the reef or another diver, or worse, float to the surface without knowing it.

Always ensure you follow the instructions on how to clean, seal and open your housing. It could save you from flooding your housing and wrecking your camera. If you ever experience a leak while under water, hold your camera with the lens pointing down and do a normal safe ascent.

There are two basic types of underwater photography – macro and wide angle. Macro is used for subjects generally within a metre and it is a good idea to have the flash set to ON so that it will fire with every shot you take. Water reduces colour, contrast, and sharpness. If the subject has eyes, make sure the eyes are in focus. Take your time if you can. Try not to centre your subject, rather fill the frame or position a point of interest along a line of thirds.



Position a point of interest along a line of thirds.

Try not to use any zoom, as it affects how closely you can focus; rather, move the camera closer if you can without scaring your subject. Try to get low, at eye level. Focus at the eyes. Try to get a photo of the subject facing you.

Take several photos.



Try to get the subject facing you.

Wide angle photos can be a bit more of a challenge. Unless you have a large underwater strobe or two, turn your flash off and use ambient light. Using the flash will result in what is called backscatter, where the light from your flash will light up all the particles in the water.



Backscatter resulting from flash.

An external flash (known as a strobe) reduces this by changing the angle of the reflection off the particles as it is extended away from the lens of the camera by a long arm. Your pictures may turn out with a blue tinge, but you can add some colour back at the computer. Alternatively, if your camera has a white balance setting, learn how to use it to get some colour back into your images. Use auto, aperture priority, or full manual mode, depending on your comfort level with camera settings.

A few general tips:

- Night diving can be a great way to get close to subjects that would normally swim away from you.
- Join an underwater photography forum such as wetpixel.com and share your pictures with others to get tips and tricks.



Night diving can be a great way to get close to subjects that would normally swim away from you.

- Dive with other underwater photographers.
- Having another diver in a scene can add to the depth of your image.
- Find a spot close to home with easy access to shore dive and practise.



Having another diver in the scene can add to the depth of your image.

For more information

If you would like to contact me for a dive, or some more information, please email me at adriaanvh@gmail.com or give me a call on 0438 524 782. I have a website with gallery online at www.VizBiz.com.au or look for VizBiz on Facebook too.

Watch this space in future editions of *Redmap News* for some more great photography tips from Adriaan.



FUNNY FISH NAMES

- The 'unusual' common name for *Enoplosus armatus* is 'old wife', which refers to the sound made when this fish is caught on hook and line. The fish grinds its teeth together, supposedly producing the sound of an 'old wife'. Hmm ...
- A group of sharks is called a **frenzy**, and a group of jelly fish is called a **smack**.
- The **blobfish** (*Psychrolutes microporosus*) is a deep sea fish that inhabits deep waters off the coast of Tasmania and mainland Australia. This fish is rarely seen by humans, but has its own Facebook page: www.facebook.com/mrblobby.blobfish
- The reef, rectangular, or wedge-tail triggerfish (*Rhinecanthus rectangulus*), is also known by its Hawaiian name: **humu-humu-nuku-nuku-āpua'a** (or just **humuhumu** for short).
- **Handfish** are small bottom-dwelling marine fish found in coastal waters of southern Australia and Tasmania. Their skin is covered with tooth-like scales, giving them the name **warty anglers**.

Fish names and species information were sourced from www.wikipedia.org



Redmap is on **Facebook**.

Become a fan of our page at

www.facebook.com/pages/Redmap-range-extension-database-mapping-project/121764204502516

From time to time we'll post videos and photos that aren't on the Redmap site.

Thanks to our sponsors:



Disclaimer: This newsletter was produced by the Tasmanian Aquaculture and Fisheries Institute (TAFI). Editorial content is sourced from diverse interest groups who have provided material for contribution. TAFI accepts no responsibility for the accuracy of contributed material.

WIN A \$400 VOUCHER

Join up to Redmap between now and 31 March 2011 and you'll go in the draw to win a \$400 voucher to spend on fishing gear from Spot On Fishing, dive and snorkelling equipment from AquaScuba OR marine gear from Kettering Marine or Marine Gear Tasmania. All you need to do is click on the 'register' link at the top of the Redmap home page (www.redmap.org.au), enter your details, and confirm your registration when you receive the automatic email confirmation request.

WWW.REDMAP.ORG.AU

CLARENCE CELEBRATION EXPO

Come and visit us at the Kangaroo Bay Sports Ground this Sunday 27 February and enter our prize draw to win a fishing rod and reel, kindly donated by Anaconda.

The Clarence Celebration Expo, which was cancelled due to rain in late October, has been rescheduled to coincide with the finale of the Clarence Jazz Festival. Activities will stretch around Kangaroo Bay and include:

- On the **Kangaroo Bay Sportsground** – Explore or experience a mix of sport and recreation from 10am to 3pm.
- At the Kangaroo Bay Park – Market stalls galore, also trade stalls and community information stalls from 10am to 3pm.
- On the Bellerive Boardwalk – A full day of jazz, food, wine and children's activities from 11am to 4pm.
- At the Bellerive Yacht Club – Crown Series Bellerive Regatta.

See the Clarence City Council website www.ccc.tas.gov.au for more details on the expo.

ANACONDA
the adventure starts here

If you have any comments, suggestions or questions about Redmap, please email us: enquiries@redmap.org.au