



The Living Reef

JUNE 2006 – QUIZ NIGHT

Wednesday 28th 7.30pm

Hi everyone,

Well I discovered something this past month that you all probably already know but I'll tell you anyhow.

I was having problems with my pumps slowing down and even stopping. The shafts and impellers were junking up and calcifying. Probably more lack of maintenance more than anything. After trying to free them and using Vaseline as a lubricant and finding that it all stopped working within a week. I was stumped.

Then I remembered what someone had said to me about using vinegar to clean your pump. Well

it was just like when my Dad discovered if you wet your finger when using silicone doesn't stick to it. Bingo!!! Worked a treat so I did all my pumps in my tank and now it's like a raging torrent again.

So I recon from now on June should be "Clean Your Pump Month"

Yeh Yeh I know, small minds

Enjoy the news letter

Chris

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MASWA Meeting Calendar....

June 28th – Quiz Night
Shenton Park Community Hall
240 Onslow Rd
Shenton Park
Tickets \$10 P/P

July 26th – Ross Coghill
Special Guest

September 27th - ??????
Special Raffle

August 30th – Brendan Chua
Frag Fest XI

October 25th – Warren Taylor
Guess Speaker

November 29th – ???????
Frag Fest XII

We need a venue for September so please don't be shy

MASWA Contact Information....

COMMITTEE – 2006

President – General Enquiries

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fioren@iinet.net.au

Vice President – General Enquiries

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stuartnruth@optusnet.com.au

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<mailto:paul@pmtco.com.au>

Secretary

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markus@iinet.net.au

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Membership Enquiries**

Chris Sutton – 0419 858 108
csut2134@bigpond.net.au

Web Editor – Web Page Enquiries

Ronald Tan - 9304 7890
cyberon@westnet.com.au

Social Coordinator – Meeting Venues

Advertising Enquiries, raffle donations,
Even "just to be sociable"
Maria White – 0416 206 647
n1venus@bigpond.com.au

Frag Fest Co-ordinator –

Brendan Chua
nani87@gmail.com

WEB ADDRESS

<http://www.masa.asn.au/maswa.php>

MEMBERSHIP PAYMENTS

Cheque: Make all cheques payable to Paul M. Tayler.

EFT: Make all EFT transfers to BSB 086 217 A/C # 69355 1664 (please include your name on all EFT transfers!).

Cash: Make payment in person only.

Postal Address:

Paul Tayler (MASWA Treasurer)
PO Box 7185
Shenton Park WA 6008



Join us online

MASWA Message Board...

NEWSLETTER CONTRIBUTIONS

If you would like to make a contribution to the newsletter please don't hesitate to contact the new Newsletter Editor, Chris Sutton on the phone number or email address listed above.

Contributions to the newsletter need to be received no later than 7 days prior to the next meeting date.

MASWA DOOR PRIZE!

From now on, we will be having door prizes at every meeting. In order to be in the draw to win the prize, all you have to do is make sure you **write down your name** (and the name of any partner/guest you have brought with you) **on the meeting registration sheet** and then **put on your name badge** (ensure that partners/guests have one too). Once you've done that, see Maria White (Social Coordinator) for your free door prize ticket.

MASWA Social Pages

Hi Guys,

Firstly my apologies for not attending last months meeting but I hurt my back. I'll definitely be there this month because its the Social quiz night, Don't be shy, \$10 guarantee's you a seat and supper.

There are great prizes to be won. **Don't forget the Quiz night is this months Meeting!**

Your last chance to buy your quiz night tickets will be via eft pos till Monday only or pre-organized pick up with collection of ticket on the night.

Don't miss out the last one was a great night, all who attended enjoyed the night. Bring a partner or a friend if you want.

Look for me at the Meeting for the ticket.

See ya all next week,
Maria

Last Months Meeting Rundown...

Last month was Frag Fest and MASWA had a massive turnout. Fill-in Frag Fest Co-ordinator, Warren sliced and diced a heap of corals donated by Pete at Oceanarium and also from members, thanks to for you all, it was a great selection.

And what a show, we had the full treatment with a fully set up Drammel and stand and Warren having all the corals lined up on the bench and in the Frag Tank. I bet Warren thought he was at work and everyone knew he was in his element.



With 29 members attending and a few coral frags up for grabs he was under the pump. I think everyone walked away with something, even if it was someone else's to die for blue Acropora stag. We are not mentioning anything more about it! Are we Ron?

Grant's tank, which was upgraded recently, looked the part too. Turing his old tank into a cube, Grant has done some nice aquascaping and the tank looked a million bucks.



With well set up equipment and a nice and bright 400 watt MH hanging over the top Grant had a few questions on his setup. Creating interest was his 2x SEIO M1100, SCWD (Switching Current Water Director).

With Maria not there on the night, Paul was in charge of raffles (trying to beat Maria's record I suspect) and Tony seemed lost but we all got there in the end. We even had Denis selling Quiz night Tickets. Thanks to everyone who helped out with the meeting and frag Fest, which made the night and thanks to the host, Grant for letting use his kitchen as a dice and slice shop Chris

Up & Coming Meet Information.....

This Month is Quiz Night

Wednesday 28th June,
the venue is:
Shenton Park Community Hall, 240 Onslow Rd,
Shenton Park.

At this Quiz Night we have ticket sales \$10.00 per person **no more to pay**, this includes a great night with something to tickle everyone's fancy!
Supper, Prizes (over \$300 worth I might say) and your entertainment for the evening will be supplied with no extra costs to you. Now that is a bargain for a good night full of fun or what!!!!

This will be a great event and we would **like to get as many people involved as possible to make this a success** and going on last years Quiz Night everyone had a blast and only 2 people out of 22 walked away empty handed. So come on and get behind this event!!!!!!!

IMPORTANT

Tickets can only be purchased until Monday 26th June
This allows for exact numbers for tables, catering, prizes etc.

Potential members, Partners and friends welcome

Tickets can be obtained by

EFT:

Make all EFT transfers to BSB 086 217 A/C # 69355 1664

please include your name and Quiz on all EFT transfers in the Message/Reference section!

Appears on the payee's statement as. 'Sutton quiz'
Or

Email [Maria](mailto:maria@maria.com) to organize tickets and payment on the night

So keep that date free and we will see you there.

Fishy Links And New

State-federal row erupts over reef heritage listing

The Western Australian Environment Minister says his federal counterpart is holding the State back by refusing to support a nomination for the Ningaloo Reef, in the state's north-west, to be added to the World Heritage List.

Mark McGowan says Senator Ian Campbell has told him he will not take the listing to the United Nations as long as there is opposition from even one pastoralist in the area.

But Mr McGowan says the proposal has the support of the Pastoralists and Graziers Association (PGA). He says heritage listing would mean greater protection for the environment.

"World heritage listing means that the values that are in such an area are protected forever," he said.

"It's what's put additional protection on the Great Barrier Reef and wet tropics in Queensland, that sort of protection really does mean that people can be confident that the area will be saved and preserved for the future."

Mr McGowan says the Minister should take the lead of the PGA.

"Obviously he's acting on the concerns of perhaps one pastoralist, but the Pastoralists and Graziers Association thinks that our proposal was sensible, we would urge him to listen to the peak body and take forward environmental initiatives, not oppose them," he said.

More>

<http://www.abc.net.au/news/newsitems/200606/s1662448.htm>

Ocean vortex 'death trap' discovered

A MASSIVE ocean vortex discovered off the West Australian coast is acting as a "death trap" by sucking in huge amounts of fish larvae and could affect the surrounding climate. A team of scientists from The University of Western Australia Murdoch University, CSIRO and three American, French and Spanish research institutions announced the discovery of the vortex after a month-long research voyage in the ocean just west of Rottnest Island.

Led by Dr Anya Waite, a biological oceanographer from UWA, the 10-member team found the vortex – 200km in diameter and 1000m deep – spinning at speeds up to 5kph just off the Rottnest Canyon.

Dr Waite said the vortex, shaped like a giant child's spinning top, was created by current movement down the coast and is one of the largest ever found off of WA. Visible from space, the vortex is acting as a "death trap" by sucking in fish larvae from closer to the shore, she said.

"It's actually acting as a predator, it's actually taking the fish larvae which need to stick around their natural habitat on the coast, and dragging them off to sea," Dr Waite said.

More>

<http://www.news.com.au/story/0,10117,19340338-29277,00.html>

REEFING THE AUSTRALIAN WAY FORUM

Topic: [Marine "Ich"](#)

<http://www.masa.asn.au/phpBB2/viewtopic.php?t=158544>

Posted: Tue Sep 27, 2005 5:56 am by **ATJ** in the Advanced Discussion Forum

Whenever someone posts that they are having a problem with "Ich" in their tank, there is always quite a lot of discussion and argument about why the fish are sick and how to make them right. I thought there would be some value in discussing the various aspects of the parasite here where we can go into much more detail rather than clouding threads where people have an urgent problem.

It is worth mentioning some of the names that the condition go by, especially as this will help Searches find this thread. The two most common names are "white spot" and (marine) "Ich". The former comes from the major sign of the condition which is white spots over the body and fins. The latter name actually comes from the freshwater hobby where the equivalent condition is caused by a parasite called *Ichthyophthirius multifiliis* or "Ich" for short. The marine parasite is called *Cryptocaryon irritans*. I have also seen the names "ick" and "itch" which appear to just be incorrect spellings of "Ich".

Marine "Ich" is a major problem in aquaculture and so there has been a lot of research into the parasite that causes marine "Ich" and research is continuing. I know of at least 27 papers that have been written on various aspects of the parasite and so while there are still some holes in the scientific knowledge, the parasite is fairly well known. Despite huge amount of knowledge, the marine aquarium hobby appears to be fairly oblivious to the information and all sorts of myths and strange theories are commonplace and these seem to get dragged out with some regularity. Before discussing what is known about the parasite, I thought there may be some value in proposing ideas on why there is so much unreliable information in the hobby,

People make observations of what happens in their tanks (which is a good thing) and then make conclusions based on those observations (which in many cases is a dangerous thing). In my opinion, there are three main reasons why the conclusions are often off base and being unaware of the current knowledge of the parasite just makes matters worse.

- 1) Are/were the fish actually infected with *Cryptocaryon*?
- 2) Did the *Cryptocaryon* really go away/die?
- 3) If the *Cryptocaryon* went away, why did it die?

I'll create separate posts to discuss each one of these.

The link to this thread is on the [MASA Forums](#). To view this post and any others you will have to be logged on to RTAW so it may ask you to register. This is free and only a safe guard for MASA and MASWA. If you register please join [MASWA online](#) and so you can access the MASWA forms as well.

Feature Article

A guide to using a Calcium Reactor

By Simon Huntington

Calcium carbonate reactors have become a popular way of replacing the calcium and carbonate taken up by corals in the process of calcification.

In its most basic form, a calcium reactor is simply a container filled with calcium carbonate (CaCO₃) media over which aquarium water is passed with the addition of carbon dioxide. Adding carbon dioxide lowers the pH of the water, making it acidic, and dissolving the calcium carbonate to provide the aquarium with calcium and alkalinity.

Many different designs of calcium reactor are now available, but it is not the purpose of this article to suggest or review any particular model. Instead, I would like to concentrate on the subject of setting-up and using a calcium reactor. For simplicity, I have avoided using chemical equations, and suggest interested readers refer to the "further reading" section at the end of the article.

MORE> <http://reefkeeping.com/issues/2002-05/sh/feature/index.php>

MASWA Sponsors....

It's official; MASWA now has Six commercial sponsors! MASWA sponsors get an advertisement and a banner in the newsletter each month. The advertisement can be used to advertise monthly specials etc. Depending upon what has been agreed with the sponsor they may offer MASWA such things as member discounts, donations of goods, gift vouchers or special offers.

Advertisements in The Living Reef do not necessarily reflect MASWA endorsement of any product, service or advice offered by the advertised business. If you would like to advertise in The Living Reef, please contact Maria White (Social Coordinator) on 0416 206 647 or email: n1venus@bigpond.com.au.



Marine West has generously donated \$30 worth of gift vouchers each month to MASWA.

Address:

Unit 1, 29 McIntyre Way, Kenwick, WA 6107
Tue-Sun 10:00am- 5:00pm
Tel/Fax: (08) 9493-0966

Email: pjwdrw@bigpond.com

Web: <http://www.marinewest.com.au>



Fremantle Ocean Farm will generously donated the next water change to all new members who join MASWA
and 2 free water changes vouchers for the raffles



P.O. Box 283, Quinn's Rocks, Western Australia, 6030.

Phone 0427 941 126 Fax (08) 9305 9891

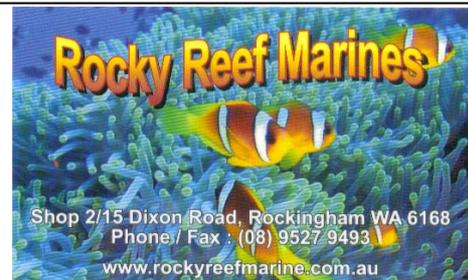
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Open 7 Days 8:00 AM - 5:30 PM (Thursdays 8:00 AM - 8:30 PM)

Veba's generously donates prizes for the MASWA raffles



<http://www.perthaquarium.com.au/>

Perth Aquarium and Display Centre has generously donated gift vouchers for the MASWA raffles

The Marine Aquarists Society of WA is a name that we, as a group of friends with like interests have applied to ourselves for the purpose of information exchange. No one person, nor the group as a whole, can be held responsible for liabilities, injuries or other that may result either directly or indirectly as a result of our gatherings or the information exchange therein. The same applies to the information contained in this newsletter.