



The Living Reef

JULY 2006

Wednesday 26th 7.30pm

Hi Guy's

It's official, MASWA has it's own [Coral Trading Forum](#). After it was bought up in the MASWA forum and the nitty gritty of how it would be run was sorted out, it was created. So now if you have those extra corals or frags that you would like to trade/sell or you are after coral yourself then go check who has what.

I would like to welcome our newest members to MASWA, so say hi to Andrew Pope, Mark Blower and Neil McKenzie at the next meeting.

Chris

[RTAW Reefpedia](#)

This [wiki](#) has been established as an encyclopaedia of reef keeping by the [Marine Aquarium Societies of Australia \(MASA\)](#).

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MASWA Meeting Calendar....

August 30th – Brendan Chua
Un21/1 Henery Lawson Walk
East Perth
7.30pm
Frag Fest XI

September 27th – Heath Boucher
Melville
Special Raffle

October 25th – Warren Taylor
Guess Speaker

November 29th – ??????
Frag Fest XII

We need a venue for November 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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Paul Tayler - 0419 908 264
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Secretary
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Membership Enquiries**
Chris Sutton – 0419 858 108
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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

Last Months Meeting Rundown...

This month we ventured back to see Ross and Sonya's in Forrest Field. They had recently upgraded there 4' to a 6' tank. It certainly looked more impressive with a bit more room for them to fill. Ross is still always complaining about having no room left but we all know this is an excuse, plenty of room Ross, you just have to sneak it in better.



It was interesting to see that Ross runs 2 different MH lights on his tank. 1 x 10000k and 1x 14000k and it was discussed the difference in growth compared to how the coral looked under different Kelvin globes. It was a great way to compare both globes on the same tank at the same time, with some people liking it and some people that didn't.

You can see more of Ross and Sonya's tank here [Kranky's Bigger Folly](#)



They also have delved into a seahorse tank lately. And I got the impression this tank was Sonya's. Looked great Sonya

All in all everyone had a good time with Chris Kolzan taking the door prize and Stuart, Charlie, Chris W., Graham and Alex taking procession of the raffle prizes.

Thank you Ross and Sonya for a great meeting

Chris

Up & Coming Meet Information....

Coming up this month is the Frag Fest which will be held at Brendan's home. After the success of the last Frag Fest it is sure to draw a crowd.

For those of you who are not sure what a Frag Fest is, The general idea is that the fraggers receive one coral back for each frag donated and any frags left over at the end go to new members. There is usually quite a few left over so for all those newbies this is a great month to get involved.

It is a good idea to cut any corals that you intend on bringing about a week or ten days early to allow them to settle down prior to being moved. Fragging a coral is an easy task on most occasions depending of course on the target species. For Acropora or Pocillopora Sp it is as simple as taking a pair of wire cutters and cutting off a branch and then using Selleys Aquakneadit or Superglue gel to mount it to a small piece of rock.

Fragfest is a great opportunity to help each other out as well as providing a safety net for your tank in the event of a crash (you can get all your corals back in the form of new frags) but it wont work without participation so find those old cutters and get to work!

Brendan lives at **Un21/1 Henery Lawson Walk, East Perth** and the meeting starts at **7.30 pm sharp**

See you all there

Chris

Fishy Links And New

New York man grows coral in his basement

DRYDEN, N.Y. - In upstate New York, famous for its snowy winters and far from any tropical ocean, Steve Lowes is growing coral reefs in his basement.

The 41-year-old English-born Lowes is raising dozens of coral species for his Web-based coral business, Reef Encounters, and is one of a growing breed of coral farmer who have found a niche supporting the booming hobby of keeping aquariums, which in 2005 was a \$6.9 billion market.

And in the process, they are also helping scientists learn more about coral and are raising public awareness about a threatened species.

"It brings the ecosystem to life for people in a very effective way that's much more persuasive than reading about it in a book or looking at photographs," Lowes said.

Scientists have identified about 2,000 species of reef-building coral. The coral reefs are typically found in the warm salt waters in region between the Tropic of Cancer and the Tropic of Capricorn and cover about 1 percent of the earth's surface. The reefs, some millions of years old, are among the planet's most diverse and productive ecosystems

More>

<http://www.bradenton.com/mld/bradenton/business/15071625.htm>

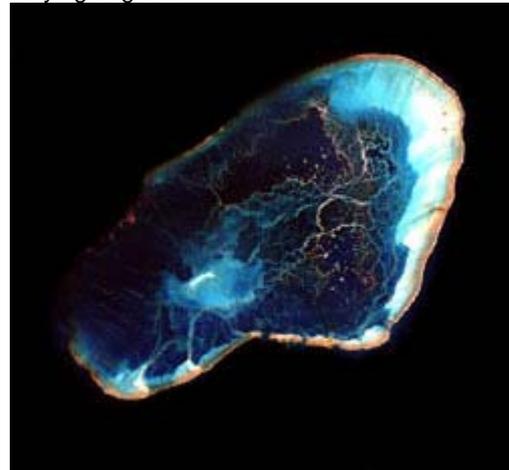
Global Coral Reef Assessment Built on NASA Images; 'A First Step'

Greenbelt, Maryland (Jul 26, 2006 23:11 EST) A first-of-its-kind survey of how well the world's coral reefs are being protected was made possible by a unique collection of NASA views from space.

A team of international researchers using NASA [satellite images](#) compiled an updated inventory of all "marine protected areas" containing coral reefs and compared it with the most detailed and comprehensive

satellite inventory of coral reefs. The global satellite mapping effort is called the Millennium Coral Reef Mapping Project and was funded by NASA. The study was reported on recently in the [journal Science](#).

The assessment found that less than two percent of coral reefs are within areas designated to limit human activities that can harm the reefs and the sea life living in and around them. Countries around the world have created these protected ocean and coastal zones where human activities such as shipping, fishing, recreation and scientific research are restricted to varying degrees.



More>

http://www.underwatertimes.com/news.php?article_id=10051398472

REEFING THE AUSTRALIAN WAY FORUM

Topic: [Quarantine Methods](#)

Posted: Mon Jul 24, 2006 7:41 pm by Vic in the [Fish Discussion](#)

I recently set up a quarantine tank (3 foot) and put a long nose butterfly fish in. After just over a week, the fish died due to white spots. Even after I started the hyposalinity treatment. As you can imagine, im quite frustrated at the moment!

Water para were fine - Amonia, Nitrite, Nitrate were 0. PH - 7.9(a little low) and salinty - 1.025

Anyway, I want to know if people use copper in their quarantine tanks? Or if they observe the fish and if any issues occur, treat accordingly?

Any help would be greatly appreciated as I want to avoid the death of another fish!

Vic

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

Marine Ich/ *Cryptocaryon irritans* - A Discussion of this Parasite and the Treatment Options Available, Part I

Marine Ich, an infestation of *Cryptocaryon irritans*, is one of the two most common afflictions of saltwater fish; the other being Marine Velvet caused by *Amyloodinium* sp. (Michael, 2002 and Joshi, 2003). In this two-part series, I will explain some of the biology of this ciliated parasite and discuss the multitude of treatments, remedies, cures, and elixirs that have been put forth to save your fish and sometimes empty your wallet. My hope is to help you wade through the copious and often erroneous anecdote to find an effective treatment that best suits your particular needs and that of your fishes. Before you can decide on a treatment, you need to be fairly certain what is the infectious agent of the fish. Some of the signs of infection with *Cryptocaryon irritans* are rubbing or scratching against decorations or substrate (this behavior is also known as glancing or flashing), breathing problems, an increased mucous layer, loss of appetite, abnormal swimming behavior, frayed fins, cloudy eyes, and, of course, the telltale white spots. These characteristic spots are usually described as appearing like small grains of salt stuck to the body of the fish. Even in the presence of all of these external signs, the best diagnostic tool is microscopic examination of fresh fin or gill clippings or skin scrapings. But, realistically, an extremely small number of us are ever going to perform this kind of differential diagnosis, myself included.

This disease is usually associated with several environmental triggers. Changes in water temperature, exposure to high levels of ammonia, nitrite, or nitrate, low pH levels, low dissolved oxygen, and overcrowding are all factors contributing to the onset of the disease. You could lump all of these in a general category of

stress, but I find it more appropriate to think of all of these as wholly unnatural conditions. In fact, *Cryptocaryon irritans* is rare in the wild, and even more unlikely to be lethal (Bunkley-Williams & Williams, 1994). Ich is truly a disease that exploits the conditions of captivity to reproduce and easily find suitable hosts.

Host Susceptibility:

Cryptocaryon irritans has demonstrated a very low level of host specificity, meaning it will infect just about any teleost fish in a tropical marine environment. Cartilaginous fishes (sharks and rays) appear resistant, but everything else is susceptible to infection (Colorni & Burgess, 1997). It has even been proven to infect various species of freshwater fish that were acclimated to saltwater, as well as temperate marine fish that were kept at the upper limit of their thermal range (Yoshinaga & Dickerson, 1994; Burgess & Matthews, 1995). Even though they are all possible hosts, experience has shown that there are definitely certain fish groups with higher and lower degrees of susceptibility. At one end of the spectrum are the eels that have shown a general resistance to *Cryptocaryon irritans*. On the opposite side are the surgeonfishes, with the Blue Regal/Hippo Tang (*Paracanthurus hepatus*) the "crowned king of Ich." I have dealt with literally hundreds of these fish, and I could probably count on one hand the number of Blue Regal Tangs that appeared to be completely free of infection. I would also place the cowfish, boxfish, and pufferfish fairly high on the susceptibility list. Generally, everything else falls somewhere in the middle.

More> <http://reefkeeping.com/issues/2003-08/sp/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.

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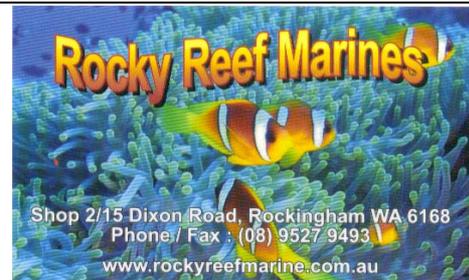
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email: vebas@vebas.com.au

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



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Cannington WA 6107

Tel +61 8 9351 8362

Fax +61 8 9356 5833

<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.