



## The Living Reef

September 2006

Wednesday 27<sup>th</sup> 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.

Also making big news with MASWA is the committee have put together [Rules of the Marine Aquarists](#)

[Society of WA Incorporated](#) and have place them up on the Forum for comment: [MASWA Constitution for Incorporation](#). So please down load and have a read.

I would like to also welcome a few new members this month. Welcome to Veronica Vlodarski & Jason Still, Rod Youngman and Ryan Smith and Steve Eagland See you at the meetings guy's

Chris

## RTAW Reefpedia

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

## Inside this Issue....

[MASWA Meeting Calendar....](#)  
[MASWA Contact Information....](#)  
[MASWA Message Board](#)  
[Social Pages](#)  
[Last Months Meeting Rundown](#)

[This Months Meeting Information](#)  
[Fishy Links and News](#)  
[Feature Article](#)  
[For Sale, Swap or Wanted](#)  
[Commercial Sponsors](#)

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.

## MASWA Meeting Calendar....

September 27<sup>th</sup> – Heath Boucher  
284A Marmion St Melville  
Special Raffle

October 25<sup>th</sup> – Warren Taylor  
[MASWA Garage Sale](#)

December ????

November 29<sup>th</sup> – ??????  
Frag Fest XII

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

## MASWA Contact Information....

### COMMITTEE – 2006

**President – General Enquiries**  
Tony Fiorentino - 0413 153 518  
[fioren@iinet.net.au](mailto:fioren@iinet.net.au)

**Vice President – General Enquiries**  
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**Treasurer – Treasury/Payment Enquiries**  
Paul Tayler - 0419 908 264  
<mailto:paul@pmtco.com.au>

**Secretary**  
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[markus@iinet.net.au](mailto:markus@iinet.net.au)

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**Web Editor – Web Page Enquiries**  
Ronald Tan - 9304 7890  
[cyberon@westnet.com.au](mailto: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](mailto:n1venus@bigpond.com.au)

**Frag Fest Co-ordinator –**  
Brendan Chua  
[nani87@gmail.com](mailto: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...

### MASWA CONSTITUTION FOR INCORPORATION

The Committee is working on the constitution for the Marine Aquarium Societies of Western Australia to become an incorporated association.

The current draft of the rules you can find here in PDF format: [Rules of the Marine Aquarists Society of WA Incorporated](#)

These are based on a suggested set of rules from the Western Aus Government and various alterations to try and get MASWA into a workable organisation within that framework.

It would be great if we can get some comments from people on how it is being set up, whether it is appropriate, changing of wording and classifications etc. It is much easier to make such changes before it is voted on and activated. All comments need to be directed to the MASWA forum [MASWA Constitution for Incorporation](#)

Once it is settled on within the next 4 weeks, a final vote will be held, which will be the current MASWA Committee.

### 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 Swap Meet

Next month MASWA will trial having a marine aquarium related Garage Sale at our month meet which will be held at Warren's in Wattle Grove.

Sellers are welcome to set up at 7pm and it is open to all members. We are encouraging members to bring their unwanted equipment as well as equipment that isn't working as there maybe people wanting parts et. The only conditions that will be imposed is that the Garage Sale is to be related to the aquarium hobby, no livestock and that MASWA does not take any responsibility regarding buying/selling and it will be buyer beware.

We will be bringing this up at the next meeting so if you have any concerns you will be able to ask then

So better start digging in the shed for all that junk that maybe someone else's treasure

## Last Months Meeting Rundown...

Last month MASWA had a good turnout. We all ventured to Brendan's place for the frag fest and to check out his new tank.



Unfortunately Brendan has since closed it down and is trying to sell his tank/stand and equipment.

It did look good while it lasted though.

The meeting was also a Frag Fest and there was a lot of interest in the frags. Brendan demonstrated on how to propagate corals Thanks Brendan on an informative talk.



I usually congratulate everyone who won in the raffles but I left the MASWA file at Brendan's so I can't but I'm sure those of us who won know who we were and the rest of you are only envious anyhow. It was also great to see some new faces and I hope you were made feel welcome.

Thanks Brendan for an informative meeting and a great night

Chris

## Up & Coming Meet Information....

This month Heath will kindly let us all traipse through his house to check out his 4 foot x 18 x 36 high tank. The tank has been in this current configuration and position for nearly 21/2 years, which was an evolution of previous tanks owned for the past 5 years.

Last time we visited Heath was running a Berlin system, it mainly houses soft corals but he is looking at upgrading to some LPS and SPS, so it will be interesting on how he has progressed.

He boasts some great DIY projects like a Halide lighting system, wave maker, calcium reactor and modified downdraft skimmer. Maybe some good DIY tip for the members.

Heath lives at **284A Marmion St Melville (Rear House) Park on vacant block next door** The meeting starts at **7.30 sharp**

This months meeting is Special Raffle and there are some great prizes up for grabs so don't forget your raffle money.

**Formalities to the meeting will be:**

President address

Introduce new members

Door prize

Host's Talk on His Tank

Water Results

General Discussion

Raffle Drawn

Wind-up



[whereis.com.au](http://whereis.com.au)

Hope to see you all there

Chris

## Fishy Links And New

**Form a simple hobby to an over the top obsession**

**Pieter van Suijlekom's Reef Aquarium**

-I'm very honoured to be featured as Reef Central's tank of the month. It's a great pleasure for me to represent my tiny country, The Netherlands, and share my passion for reef keeping with aquarists all around the world.



After a showroom reconstruction in March of this year, we decided to set up a new tank against the wall of the building. Tetterode Glas from Voorthuizen, Netherlands constructed the 6 m long bent front glass from safety glass, and it's the biggest size this company has ever bent. The radius of this sheet is 4,700 mm, with a depth of 900 mm. This was the largest size that could possibly be bent in this company's oven.

Submitted by Neil McKenzie

**More>** <http://www.reefkeeping.com/issues/2006-02/totm/index.php>

**Changing ocean chemistry threatens to harm marine life**

**By Bruce Lieberman**

UNION-TRIBUNE STAFF WRITER

September 14, 2006



Fifty-five million years ago, Earth endured a period of rapid global warming, a shift so dramatic it altered ocean and atmospheric circulation, driving plankton in the seas and mammals on land to extinction.

The event, called the Paleocene-Eocene Thermal Maximum, may have been caused by volcanic eruptions that flooded the atmosphere with billions of tons of carbon dioxide. Or, methane gas frozen beneath the sea on continental shelves could have destabilized, diffusing into the atmosphere where it was oxidized into CO<sub>2</sub>.

As the oceans absorbed much of the carbon dioxide, their pH fell and they grew increasingly acidified.

Thirty percent to 40 percent of a major class of plankton, called foraminifera, went extinct.

varying degrees.

**More>**

<http://www.signonsandiego.com/news/science/20060914-9999-lz1c14acid.html>

## REEFING THE AUSTRALIAN WAY FORUM

**Topic:** [The Energy Efficient Reef Thread](#)

**Posted:** Sat Sep 16, 2006 7:48 pm by **Reef\_Bug** in the [Advanced Discussion](#)

Energy costs associated with our tanks is an all to often cited reason for people dropping out of the hobby, particularly with larger tanks.

As energy is not likely to get any cheaper as we move forward into the future I thought it would be useful to start a thread for the purpose of compiling your ideas on energy saving techniques for running a reef tank. I would love to think that there are ideas out there that could be used or developed to enable the running of a large reef tank for a fraction of the energy inputs that most tank would typically use.

Anyway, all sorts of room for lateral thinking here. No right or wrong answers. Some of the obvious hurdles that require energy inputs are heating, cooling, lighting and circulation. I am sure there are others.

Already in recent times we are starting to see natural lighting used in the form of solar tubes. I am sure there are plenty of other innovative ideas out there.

Lets have some ideas. Perhaps one of the clubs might set up a low energy DIY concept tank if we end up with some good ideas.

Cheers  
Paul

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

### [ReefSlides - Algae Album - An Algae ID Slideshow](#)

*courtesy of Reef Central Members*

Macroalgae, also known as seaweeds, are divided into three main divisions: Chlorophyta (the greens), Rhodophyta (the reds) and Phaeophyta (the browns). They grow in a diverse array of forms and inhabit many different areas of the world, from the chilly kelp forests off California to the warm tropical reefs of the Caribbean.

Macroalgae can beautify your aquascape, enhance your system biologically as nutrient sinks and pod havens, or invade your reef. For this month's ReefSlides we take a look at some of the most common decorative and pest species.

As a general reference the following species appearing in the 'Slides are often considered pests: *Asparagopsis*, *Bryopsis*, *Caulerpa* sp., *Valonia* and the other bubble algae, diatoms, cyanobacteria and dinoflagellates. *Chaetomorpha* and *Ulva* are often used, along with some *Caulerpa*, for functional export of nutrients and to increase copepod cover in refugiums. And *Botryocladia*, *Scinaia*, *Sargassum*, *Lobophora*, *Padina*, *Halimeda*, *Udotea* and *Penicillus*

typically are used for a decorative effect, as they grow too slowly to be used functionally or to be considered pests.

I would like to mention that I am not a phycologist, *i.e.*, a person who studies algae. While I am reasonably sure of the identifications presented herein, the process of identifying algae to species level is tedious and at times relies on distinctions made at the microscopic level. It is particularly difficult for red macroalgae, as there are many more red species in the world than green and brown combined. For those aquarists interested in learning more about algae and algal diversity, the Journal of Phycology and [AlgaeBase.org](#) are invaluable resources. And for macroalgae husbandry, IDs, "dos and possible don'ts," you can always visit our [Marine Plants and Macroalgae](#) forum here on Reef Central.

Photos by Reef Central members. Text by Sarah Lardizabal.

## 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](mailto: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  
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**Email:** [pjwdrw@bigpond.com](mailto: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



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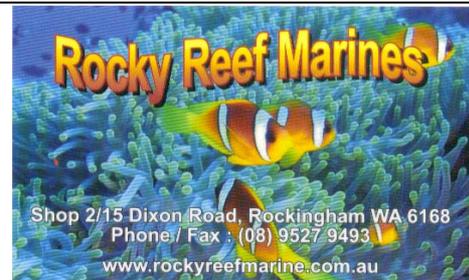
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Come and see Martin and Marc and mention you are a MASWA Member and they will give you 10% discount on your purchase.

**Rocky Reef Marine has generously donated gift vouchers and products for the MASWA raffles**



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**Veba's generously donates prizes for the MASWA raffles**



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

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