



The Living Reef

October 2006
Sunday 22nd 1pm

Hi Guy's

Let me just point out that the meeting will be held **on Sunday at 1pm @ 20 Regency Ramble, Wattle Grove**. Yeh yeh I know it was on a Wednesday night in last months newsletter but hey lets face it, viewing Warrens tank during the daylight hours will be awesome.

I would like to also welcome a few new members this month. Welcome to Rhys Johnson, Chris Parfit, Luke Wheat, Peter Bensley, Ryan Ellis and Janey Pagels. Please make them feel welcome at the meeting guy's

See you at the meeting 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....

October 22th – Warren Taylor
20 Regency Ramble
Wattle Grove
[MASWA Garage Sale](#)

November 22th – Chris Parfitt
Hamilton Hill
Frag Fest XII

January 31st ???
Guess Speaker

December Saturday 16th – Tony's
Xmas Meeting and AGM

February 28th ???
Frag Fest XIII

MASWA Contact Information....

COMMITTEE – 2006

President – General Enquiries
Tony Fiorentino - 0413 153 518
fioren@iinet.net.au

Web Editor – Web Page Enquiries
Ronald Tan - 9304 7890
cyberon@westnet.com.au

Vice President – General Enquiries
Stuart Hoskin - 0413 315 059
stuartnruth@optusnet.com.au

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

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

Frag Fest Co-ordinator –
Brendan Chua
nani87@gmail.com

Secretary
Mark Shewell – 9479 7224
markus@iinet.net.au

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

**Newsletter Editor – Newsletter Submissions and
Membership Enquiries**
Chris Sutton – 0419 858 108
chris@aussiereef.com.au

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 Committee Nominations

Nominations can now be taken for next year Committee. We ran the committee with all positions filled last year and would love to do the same this year too. This year MASWA Committee has decided to vote for position at the December Meeting. The Positions in the MASWA committee are:

President

Vice President

Secretary

Treasurer

Newsletter Editor

Webmaster

Social Coordinator

Fragfest Coordinator

What does it mean to be a MASWA committee member? For six days a year (every second month) you get to take an active role in the running of MASWA. You also get to sample the delights of Marilyn's cooking (Paul Taylor's wife). The pay is crap - \$0.0 however the social interaction and "stories" you hear are very entertaining!

To be in the committee you need to be nominated either by yourself or someone else, and if no one else is nominated for that position you are elected to that position. If there are other nominees then a vote is taken by the members for the successful candidate for the position.

If you think you have what it takes and are keen to help out then please talk to a committee member at the upcoming meeting and make your intentions known or email the **Secretary** Mark Shewell

markus@iinet.net.au

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 Test Kits (Free Testing)

MASWA has recently purchased new test kits for the Society. MASWA's members will be able to bring along water samples to any meeting and test their water. This is also handy to verify your own test kits as well.

The kits are mainly Salfert Tests and include PH, Calcium, Carbonate Hardness/ Alkalinity, Nitrate and Silicate. I will also be bringing along my Phosphate Light Meter and Thanks to Peth Aquarium and Display Centre, MASWA now has a Refractometer to test salinity of your water.

So as you can see there is a good assortment of test and the best thing is it is free

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 be 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 12pm 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 may be people wanting parts etc. 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

Feature Article

Filtration

From RTAW [Reefpedia](#)

Introduction

All tanks need some form of filtration, whether it be biological, chemical, or mechanical in nature, to prevent waste from turning into harmful chemicals in our tanks. Most reefers employ a combination of the different types of the above. A common method is the *Berlin Method*, which basically utilises [Live Rock](#) for biological filtration and a [skimmer](#) to remove waste.

It's very important to understand the [Nitrogen cycle](#) when attempting to understand filtration

The [Tank Journals](#) are a good start for what is possible and what people are doing currently.

It is recommended to look into the different types available and see what meet your needs. Commonly, the Berlin method is the minimal approach followed.

Types of Filtration

[Live rock](#)

[Deep Sand Beds](#)

[Live sand](#)

[Plenum](#)

[Canister filters](#)

[Trickle filter](#) or wet and dry filters

[Activated carbon](#)

[Ion exchange resins](#)

[Protein skimmer](#)

[Refugium](#)

[Algae turf scrubber](#)

[Trickle filter](#)

[Filter wool](#)

Last Months Meeting Rundown...

As we all have come to expect, Heath's tank looked vibrant and full of colour. With the addition of a few new hard corals since last year when we all visited, his tank is always a pleasure to look at.



I especially like going to Heath's as he is a gadget man at heart and always surprises me with something new and this visit was no exception.

At the meeting you would have noticed what looked like an electrical box

If you are after a gadget to control nearly every thing then this would be for you.



If you are interested in something like this then give Heath a tap on the shoulder at the next meeting, it sounded like a good deal.

Congratulations to Tony, Nick, Elmer, Paul, Elroy, Chris W, Grant, Marylyn and myself who picked up prizes because this meeting was a special raffle night and with some large gift vouchers, Books and the usual sponsor vouchers it was easy to see who the winners were. Thanks also to Veba's and Rocky Reef Marines for adding an extra \$25 to their voucher's for the night. Also congratulations to Elmer who picked up a free membership to MASWA for 2007.

Thanks to all who attended and Heath for a great meeting
Chris

Up & Coming Meet Information....

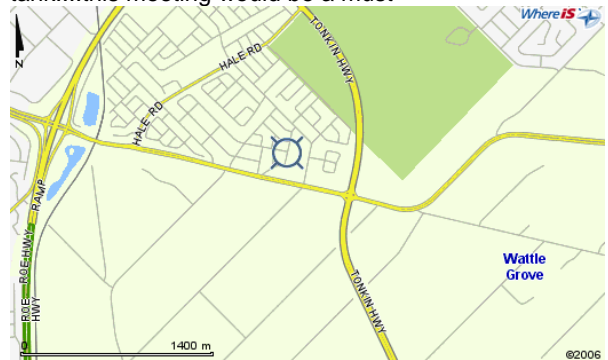
MASWA will trial having a marine aquarium related swap meet at our monthly meet which will be held at Warren's in Wattle Grove. **This meeting will be held on Sunday at 1pm @ 20 Regency Ramble, Wattle Grove.** Sellers are welcome to set up at 12pm and it is open to all members.

We are encouraging members to bring their unwanted equipment as well as equipment that aren't working as there maybe people wanting parts etc. 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. So better start digging in the shed for all that junk that maybe someone else's treasure.

Warrens has just set up a fantastic 3 metre (10 feet) reef tank utilising skylights for the majority of the lighting. The tank dimensions are 305cm x 76cm x 76cm (10'x2.5'x2.5') so not small by any ones scale. The lighting currently consists of four skylight tubes, however that will be supplemented by metal halides so that the tank can be observed at night. The filtration is located in a room directly behind the tank and is still a

work in progress. A refugium is above the sump, lit also by a fifth skylight tube. The protein skimmer is a DIY dual Beckett made out of glass.

If you are interested in natural lighting to light your tank....this meeting would be a must



whereis.com

Hope to see you all there
Chris

Fishy Links And News

Marine Expedition: Severe Damage to Madagascar Coral Reefs from Rising Sea Temperatures

Washington, D.C. (Oct 6, 2006 14:48 EST)

A new survey of reefs along Madagascar's southwestern coast found massive damage from coral bleaching, including some reefs that lost up to 99 percent of their coral cover.

But the survey team, led by the conservation groups Blue Ventures and the [Wildlife Conservation Society](#) (WCS) and funded by Conservation International (CI), also found some signs of hope. Scientists discovered several small reefs with [corals](#) that appeared to be resilient to rising sea temperatures and could ultimately be used to reseed damaged reefs. These resilient reefs may also provide valuable information about how to protect corals from future damage.

More>

http://www.underwatertimes.com/news.php?article_id=91034267851

Expedition to the Deep Slope

May 7 - June 2, 2006

The "Expedition to the Deep Slope" expedition is the first systematic exploration of hydrocarbon seep communities deeper than 1000m in the Gulf of Mexico. Funded by the Minerals Management Service (MMS), the leader in supporting the scientific characterization of seep communities in the Gulf of Mexico, and the NOAA

Ocean Exploration (OE), our diverse team of scientists will be using the R/V *Atlantis* and the *Alvin* submersible to dive on sites never visited before by woman or man. The team assembled includes scientists who have led the exploration, discovery, and study of the Gulf of Mexico cold seeps for the last 20 years.



We have also invited leading international seep scientists from Germany, France and Austria to complement our expertise. On this cruise, geologists and geochemists will be working along side microbiologists, physiologists, and ecologists to maximize what can be learned about the deep Gulf of Mexico cold seeps and coral communities.

More>

<http://oceanexplorer.noaa.gov/explorations/06mexico/welcome.html>

For Sale, Swap or Wanted

Complete Contents of Reef Setup

The detail of the tank is as follows;

Set up in Nov 2002 with assistance from Marine West. Initial stock purchased from Marine West with additions over the years from Vebas & Rocky Reef Marines.

Contents – Fish

- 1 x Long nose Hawk fish
- 4 x Green Chromis
- 1 x Bi colour blenny
- 1 x False Gramma
- 1 x Coral Beauty
- 1 x Percula clownfish
- 1 x Yellow Tang
- 1 x Blue Tang

Contents – Coral

- 1 x Brain (green medium)
- 1 x Brain (red small)
- 1 Maze (green small)
- 1 x Leather (large)
- 1 x Leather (small)
- 1 x Moonstone (large)
- 1 x Moonstone (small)
- 2 x Zoanthid clusters
- 1 x Trumpet coral (Caulastrea Furcata)
- 1 x Button) green large (exceptional)

Morphs – Purple x 2 buds, Red x 27 buds & Brown x 30 buds

I'd like to sell the complete contents of the tank as a single sale. It has cost me over \$3500 but I need to sell it so I'm asking **\$1000** for the lot.

Invertebrates

1 x Clam (Brown 120mm)

Live Rock

150kgs of mature rock with both *Hydrolithon boeresenii* algae & *Peysonnelia* algae present.

Hardware (will consider reasonable offer for the lot)

Looking at ~\$2500

Red Sea Protein Skimmer (Eheim pump)

Korralin Calcium Reactor (Eheim pump)

2 x power heads (internal)

1 x 5000lph main circulating pump

1 x wavemaker (oscillates power heads)

1 x 100 litre sump

1 x 600 litre tank 1400w x 750h x 600d (tank is custom built into a Jarrah cabinet integrated into the existing house design & is not suitable as a stand alone unit)

1 x 36" aqua coral flouro

2 x 150W 20000K MH lights

1 x 400W 10000K MH light

All associated timers & comprehensive test equipment

I appreciate any assistance you can offer me towards ensuring my marine life finds a good home,

Regards,

Wayne Simcock Ph # 95926987

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

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

Fish@oceanarium.com.au

Suppliers of marine aquarium specimens and accessories throughout Australia.

Our mission statement is to supply you with quality specimens you can confidently order over the Internet knowing they will arrive in a healthy condition.

Oceanarium has generously donated corals for Frag Feasts, Demonstrations and Raffles



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

info@rockyreefmarine.com.au

Suppliers of quality net caught fish from Vanuatu and the Fiji Islands. Also a

Large selection of corals and Inverts

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



Cnr Carrington & Forsyth St O'Connor WA 6163

ph: (08) 9314 7630

web: <http://www.vebas.com.au/>

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



1234 Albany Highway
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

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