



## The Living Reef

*November 2004 – fragfest V*

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### *MASWA Meeting Calendar....*

**Wednesday 24<sup>th</sup> November 2004 – Bryan Kendall**  
**138 Trailwood Drive, Woodvale**  
*FragFest V*

15<sup>th</sup> December 2004 – **Tony Fiorentino ?**  
*(X-Mas Meeting)*

26<sup>th</sup> January 2005 – **Paul Tayler (AGM)**

**Meetings start @ 7:30pm, Formalities begin @ 8:00pm!**

### *October Meeting Rundown....*

It had been a while since we have seen Jan's tank. It was structurally the same as the last meeting held there however all the animals have since settled in and grown into their new home. Jan, unlike most of us doesn't seem to mind cleaning the glass of his aquarium. In fact he has another aquarium behind his that is viewable looking from front to back and through the rear glass so he not only has to clean the front of his tank but the back as well!

One of the most striking features about Jan's tank is the awesome texture and shape of his live rock. It's all tropical coral rock with oodles of nooks and crannies and surface irregularities. The texture of this rock gives the reef structure in this tank a very natural look. The reef is shaped into a canyon with rock higher on either side sloping toward the middle. This gives the tank depth and a very three dimensional look.

If it's electronic circuitry and gadgets you like then you would have loved Jan's tank. He had lots of bits and pieces controlling almost everything, hell this tank is practically idiot proof!

The meeting went really well even though the numbers were down on usual. The raffle all went to SH\*T as our main man, the raffle king, Nigel Clarke was not able to attend the meeting. We narrowly coped with out him! This meeting also yielded a new member, Claudia who we welcome with open arms and wish all the best in her reefy endeavours. Having a new female

member is great, especially for the few girls in MASWA. At least now Maria will have someone to harass instead of me (Chris told me to say this Ed.).

I would like to thank Jan and his wife for hosting the meeting and especially thank Jan's wife for the awesome cakes she baked. Thankyou to everyone who came along and hope to see you all at the next meeting.

## MASWA Contact Information....

### COMMITTEE - 2004

#### President – General Enquiries

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[fioren@iinet.net.au](mailto:fioren@iinet.net.au)

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[paul@pmtco.com.au](mailto:paul@pmtco.com.au)

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#### Web Editor – Web Page Enquiries

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#### Social Coordinator – Meeting Venues/Advertising Enquiries

Nigel Clark – 0412 412 681

[dovetails@iprimus.com.au](mailto:dovetails@iprimus.com.au)

#### Science Officer – Research and Scientific Information

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[paul@nw.com.au](mailto:paul@nw.com.au)

### WEB ADDRESS

[www.masa.asn.au/maswa/](http://www.masa.asn.au/maswa/)

### MEMBERSHIP PAYMENTS

**Cheque:** Make all cheques payable to Paul M. Taylor.

**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 Taylor (MASWA Treasurer)

PO Box 7185

Shenton Park WA 6008

### NEWSLETTER CONTRIBUTIONS

If you would like to make a contribution to the newsletter please don't hesitate to contact the Newsletter Editor, David Bloch on the phone number or email address listed above. Contributions to the newsletter need to be received no later than 10 days prior to the next meeting date.

## November Meeting Information....

The upcoming meeting will be at the home of Bryan Kendall. This will be the first time we have seen Bryan's tank and we all look forward to this event.

This month also marks our last fragfest for the year. It's a close race this year for the Slice and Dice trophy so make sure you all bring your frags to earn some well deserved frag points.

This meeting like all will hold a raffle, what the prizes are I have no idea this month as I was at a wedding the night of our committee meeting ☺. I am sure there will be some great prizes up for grabs as usual.

The address of the meeting is **138 Trailwood Drive in Woodvale**. The meeting starts from 7:30pm with formalities starting from 8:00pm. Hope to see you all there.

## MASWA Sponsors....

It's official, MASWA now has two commercial sponsors! MASWA sponsors get an A5 sized add 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's endorsement of any product, service or advice offered by the advertised business. If you would like to advertise in The Living Reef, please contact Nigel Clark (Social Coordinator) on 0412 412 681 or email: [dovetails@iprimus.com.au](mailto:dovetails@iprimus.com.au).



**Reef Online** has generously donated several prizes for MASWA to use as we wish throughout the year PLUS an extra 5% MASWA discount on top of the existing 5% MASA discount (ie, MASWA members now get a 10% discount from the Reef Online store.

**Web:** [www.reefonline.com.au](http://www.reefonline.com.au)



**Marine West** has generously donated \$50 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](mailto:pjwdrw@bigpond.com)

**Web:** [www.marinewest.com.au](http://www.marinewest.com.au)

## REEFY HINTS & TIPS

*If you have any fish in your aquarium that require multiple feedings throughout the day it can often be hard to keep them looking like they have a full belly on a before and after work feed. One way to give them a little extra food is to freeze some food and water in a PVC pipe and hang the pipe in the aquarium. As the ice melts the food is slowly released into the water. It may take a little playing around with pipe sizes and volumes of water/food to freeze but if you get it right the food will take a few hours to fully be released. ☺*

## MASWA Message Board....

### RAFFLE PRIZE DONATIONS

If anyone has any books, hardware, livestock or any bits and pieces they wish to get rid of how about donating them to the raffle table? All the monies raised in the raffle go back into MASWA so the better the raffle the better the prizes and the more we can do during the year.

### MASWA MEMBERSHIP FOR 2005 IS NOW DUE!

The end of the year is quickly approaching and membership subscriptions for MASWA 2005 are now due. We will not be carrying unfinancial members for months at a time like in previous years. If your membership dues are not paid by the January 2005 meeting you will be struck off the membership register and receive no more newsletters! For payment options please see the "MASWA Contact Info" on page 2.

### GENERAL MEETING AGENDA (Wednesday Evenings)

For those new members who have not been with us long or perspective visitors/members reading this for the first time below is a rough agenda of what happens at a MASWA meeting:

**7:30pm:** socialise and catch up with friends, introductions of visitors and new members to everyone by social coordinator and other committee members.

**8:00pm:** opening of meeting, formal introduction by president, welcome visitors and new members.

**8:30pm:** introduce host, host presentation of aquarium.

**9:00pm:** draw raffle and if appropriate start "fragfest" or guest speaker talk/presentation.

**9:30pm:** draw meeting to a close.

### 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 Nigel Clark (Social Coordinator) for your free door prize ticket.

### MASWA 2004 ARTICLE PRIZE!

To try and encourage members to get actively involved we have decided to offer a \$100 prize to the person who has contributed the most hobby related articles, cartoons or jokes etc to the MASWA 2004 newsletters. The content must be suitable for general audiences (no rude jokes Nigel and Tony! Ed.). The winner will be announced at the **December 2004 CHRISTMAS** meeting. So far this year we have received 18 articles submissions from 6 different members. The race to win the \$100 is not out of reach yet so submit your articles to be in it to win it! There is only one more newsletters left this year! The race aint over yet!

### GET READY FOR THE AGM IN JANUARY!

Time is getting closer to the most important event in the MASWA calendar, the AGM. The AGM will be run in January 2005 at the first general meeting of the year. This is the first year in which we have run MASWA with a full committee and we would like to see the same happen in 2005. The Positions in the MASWA committee are:

**President**  
**Vice President**  
**Secretary**  
**Treasurer**  
**Newsletter Editor**  
**Webmaster**  
**Social Coordinator**  
**Fragfest Coordinator**  
**Science Officer**

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

### FRAGFEST V COMING UP THIS MONTH!

The fifth FRAGFEST is coming up this month which means this will be the last time earn points to win the "Fecund Fishy" and "Slice and Dice" Trophies. So start organizing your frags now! We have small ziplock bags for people to take home the frags but if you bring large frags or fish please bring a container suitable for someone to take the frag or fish home.

## REEFY HINTS & TIPS

*Summer is only a stone throw away so make sure you check your cooling/ventilation fans prior to the next heatwave! Overheated and bleached corals are not a pretty sight!. ☺*

## Grant's Trip to Broome....

Many of you would remember Grant (he had that ridiculously low light fitting in the middle of the room in front of his aquarium – that I repeatedly hit my head on! Ed.). He not too long ago headed north to work in Port Headland as a butcher. He has recently gone and visited Broome and the aquaculture discovery centre there called Manbana. He submitted this short tale of his time there, enjoy.....

### Manbana

By Grant Magill

On my recent trip to Broome I was able to visit [Manbana](#) the aquaculture hatchery and discovery centre, which is the first Aboriginal run aquacultural centre in Australia as the word Manabana states when translated from local Yawuru language to English it means first.

The centre was founded by the locals to help stop the decline of Trochus snails which have decline in the wild from over fishing for jewelry and button making(not so much now with plastics but still occurs). The centre was given a big hand by Dr Chan Lee who helped teach and funded but also helped by supplying the library.

There were a few problems at first when breeding the Trochus at first the shells weren't hardening enough so the Trochus had no defense and were killed easily, but the problem was resolved by simulating seasons. The Trochus range in size from 1mm to 3mm once they reach 3mm they are released into the wild, 18 million have being release so far they are hoping to release 36million. They have also just gone into barramundi but this is at its infancy stage and only just started.

If you get a chance to go to Broome they have tours which go thru the aquaculture centre but you will also be taught about Yawuru culture, history, traditional medicines, hunting and everyday life, they also have tanks with local marine life and a touch pool. I would like to thank trainees Peter Michal and Missy Ban-Kali for putting up with my questions and running around finding the answers but also being willing to listen and learn as well.



[www.manbana.com.au](http://www.manbana.com.au)

## REEFY HINTS & TIPS

*Have you noticed that if you spill salt water on the wooden surfaces of your cabinet or other furniture it tends to leave salt deposits that are very hard to remove? In fact often the salt seems to be almost impossible to get out of the wood however one simple trick to remove those stubborn baked in deposits is to spray them with white vinegar. The vinegar tends to loosen and dissolve the salt! ☺*

## Fishy Links and News....

### VANDALS TORTURE AND KILL AQUARIUM ANIMALS!

By Tracy Manzer

**LONG BEACH** — One shark and one ray were discovered dead at the Aquarium of the Pacific early Monday, and a second shark was barely alive following a case of brutal animal cruelty.

Staff members arrived early Monday before the Aquarium opened its doors and were having their usual walk through the plant when several people made the gruesome discovery at Shark Lagoon, said Perry Hampton, director of animal husbandry. A nurse shark, named Michelle, and a bamboo shark and cow-nosed ray — a relative of the sting ray — were dragged from their touch tanks and tortured, then left for dead by unknown vandals.

A \$2,500 reward is being offered for information that can lead to the arrest and conviction of the person, or people, responsible for the animals' deaths. News of the killings shocked visitors. Staff members many of whom have developed close bonds with the animals were horrified, Hampton said.

"We were all very sickened by what happened to these animals," said Aquarium spokeswoman Cecil Fisher. The crime occurred sometime between the point when the Aquarium closed Sunday at 6 p.m. and opened Monday at 9 a.m. The bamboo shark, which measured about 18 inches, was found barely alive and is not expected to survive. The nurse shark, which was about 3-feet long, and the ray, which was slightly larger than a laptop computer, were already dead when they were discovered outside their tank.

Shark Lagoon and its inhabitants of touchable critters is a serene environment and the most popular exhibit at the Aquarium, Fisher said. The sharks and rays some with slick skin and others rough to the touch swim all day among the fluttering fingers of children and adults. Designed to educate people about the true nature of sharks, the exhibit demonstrates that the majority of the feared fish are absolutely no threat to humans. Unfortunately, humans can sometimes be a threat to the sharks.

"It's really horrible, when you think about the point of the touch pools," said Sandy Collins, a regular visitor to the Aquarium who brought her 3-year-old daughter for lunch and a day of learning. "It shows you how they're not a real threat to you and me; too bad there isn't something that can protect them from us."

Michelle was one of the first animals in the exhibit when it was introduced in 2002, which is why the staff named her.

"She has been with us since Shark Lagoon opened, millions of people touched her," Fisher said.

Nurse sharks, like the rays and the bamboo sharks, zebra sharks and epaulette sharks that live in the touch tanks, are bottom feeders who prefer crabs and snails to fish, or people's fingers.

Michelle was about 5 or 6 years old, Hampton estimated. She could have lived to be 30 or 40 years old, and would have reached about 9 feet. The bamboo shark is full grown, as was the ray, Hampton said. The touch pools are one area of the Aquarium that is outside, although they are protected by high walls and fences. Hampton said he was told not to discuss the

building's security system. Pending the outcome of the investigation, the Aquarium may consider making changes to the area, Fisher added.

Detectives in the Long Beach Police Department Burglary Detail are investigating the violent crime, and offered no possible motive Monday. "I guess a senseless act of cruelty would be the best way to describe it," Hampton said. "One of the things that make it especially horrible is that these animals never expected to be harmed by people."

<http://www.prestelegram.com/Stories/0,1413,204~21474~2522300,00.html>

## *For Sale, Swap and Wanted to Buy....*

### **FOR SALE:**

10 ft tank, skimmer, calc reactor, lights, rock and fish.  
**Asking Price \$2000**  
Contact **Terry Peake** at [terry@auscyber.net](mailto:terry@auscyber.net) if you are interested.

### **FOR SALE:**

Acrylic tanks – suitable for algal and rotifer culture.  
**Asking Price ? Make an offer!**  
Contact **Nigel Clark** on **0412 412 681** if you are interested.

### **FOR SALE:**

EX breeding setup – 35X aquariums, stands, lighting, filters and pipework.  
**Asking Price \$3400 ONO for the lot!**  
Contact Peter Packer on **0407 520 430** or **9300 0083** if you are interested.

### **WANTED TO BUY:**

Second hand Chiller to fit 250 Litre tank  
Contact: **Andrew Brandreth** on **0423 801 552** or email [bsa@powerdsl.com.au](mailto:bsa@powerdsl.com.au).



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



As part of the sponsorship agreement with MASWA, Reef Online are offering 10% discount to MASWA financial members on everything in the store. This is not an introductory offer, this offer will be in place for as long as the agreement is in place!

Reef Online prides itself on selling only the best in Aquarium equipment, such as AquaFX Water Filters, Korallin Calcium Reactors, AquaC Protein Skimmers, Salifert Test Kits, and only the best book titles... many of which are not available anywhere else in Australia!



Check us out at <http://www.reefonline.com.au> and see what all the fuss is about!  
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<http://www.marinewest.com.au>

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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.



## Membership Application / Change of Details Form 2004/2005

**Office Use Only**

* Membership No.	* Application Date:    /    /
* Annual Membership (pro-rata for remaining months of the calendar year @ \$2 per meeting):	
General - \$24    θ	Country/Associate - \$12    θ
Pro-rata - \$    θ	

Items below marked with a \* are mandatory.

**Name (Family Name must be included)\*:**

**Address\*:**

**Postcode\*:**

**Telephone No. (H)\*:**

**Telephone No. (W):**

**Mobile No.:**

**Email Address (no Hotmail addresses):**

**I wish to receive the MASWA Newsletter via\*:**    Email    θ    Post    θ

*Answering the following questions is not mandatory, but it does help the society in preparing articles, presentations and tours for future newsletters and meetings.*

Where did you first hear about MASWA? \_\_\_\_\_

How many marine aquariums do you have? \_\_\_\_\_

Would you like one of the experienced MASWA members to guide you in setting up/improving your aquarium? **Yes**    θ    **No**    θ

Is there a particular area of marine aquaria that you feel you need help with/more info. on?

\_\_\_\_\_

\_\_\_\_\_

What are you hoping to gain by joining MASWA?

\_\_\_\_\_

\_\_\_\_\_

**Date\*:**

**Signature\*:**

Payment can be made by:

**CHEQUE** - make cheques payable to the MASWA treasurer, **Paul Tayler**

**EFT** - BSB 086 217, A/C # 69355 1664 (please include your name on all EFT transfers!).

Send applications to:

**MASWA Membership Applications**  
**C/o Paul Tayler**  
**PO Box 7185**  
**Shenton Park WA 6008**

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