



The Living Reef

September 2010 Edition

Next meeting: Wednesday 29th September at 7.30PM
Host: Shona Whaite, 5 Houghton Close, South Guildford

Hi everyone,

Our next meeting would be held in Shona's place instead of Phil as it was scheduled. Shona has a 6' peninsula marine tank and have a 24/7 automatic water change system. She also has a 15,000L koi pond.

Welcome to all our new members. Hope to see you at this month's meeting, or at one of our other upcoming events.

Steven Liman

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RTAW Reefpedia

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

MASWA 2010 Meeting Schedule

Month	Date	Host
January	Wed 27 th	Steve Sterling
February	Sun 28 th	Elmer
March	Wed 31 st	Cicerellos
April	Sun 25 th	David Sarre
May	Wed 27 th	Kambos Canning Vale
June	Sun 27 th	Steve Sterling
July	Wed 28 th	Vebas
August	Sun 29 th	Oceanarium
September	Wed 29 th	Shona Whaite
October	Sun 31 st	Justin Grey
November	--	--
December	Sun 5 th	Steve Sterling

MASWA Contact Information

COMMITTEE – 2010

WEB ADDRESS

www.masa.asn.au/masa/maswa

EMAIL

maswa@masa.asn.au

President – General Enquiries

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me@shona.org

Vice President – General Enquiries

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h45e@h45e.com

Treasurer – Treasury/Payment Enquiries

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alasdair.whyte@gmail.com

Secretary – Membership Enquiries

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david@sarreibs.com.au

Newsletter Editor – Newsletter Submissions

Steven Liman – 0433 101 931
liman@iinet.net.au

Web Editor – Web Page Enquiries

Andrew Jabs – 0400 373 789
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Social Coordinator – meeting venues, advertising enquiries, raffle donations, even "just to be sociable"

Chris Stevens – 0419 915 116
cstevens@bigpond.net.au

Frag Fest Co-ordinator

Steve Sterling – 0418 896 451
stephen.sterling@newmont.com

General Committee

Ronald Tan – 0414 725 322
ronald_tan@iinet.net.au

MASWA Membership Payment

Cheque/money order: Please make payable to MASWA

EFT: BSB 086-136, A/C 8724 73681
A/C name: MASWA Inc.
(please include your name on all EFT transfers!)

Cash: Make cash payment in person only.

Postal Address:

MASWA
c/o Alasdair Whyte
GPO Box R1253
Perth WA 6844

MASWA Message Board

MASWA Club Activities

Our newly appointed Vice President, Anthony Suiter came up with some ideas to improve our club. One of them is through group activities or even just a BBQ. Some of the activities he came up with are bowling, movie night, maybe fishing, diving, etc.

So if you were thinking of contributing to the society, now would be a good time to think of some ideas and post it in the link below. We need people to volunteer to contribute to the team for the benefit of the society, as we are a non-profit organization.

Full discussion is [here](#).

Hosting a MASWA Meeting

We are always looking for members who would like to host a meeting. You don't need to have a showpiece tank, we like looking at all sorts of tanks from nanos to 10 foot monsters, from just setup to well established.

As a host you won't need to provide anything for the meeting (except standing room or some chairs if you have some), MASWA will bring along everything else.

All we ask for is a short talk on your tank (see the Host Presentation below for some ideas on what to talk about)

According to our calendar, there are about 4 spots that need to be filled, so if you are interested in hosting a meeting don't hesitate to contact any committee member or post it in MASWA Members sub forum.

Full information is [here](#).

MASWA TEST KITS **Free water testing**

MASWA members are able to bring along water samples to any meeting and test their water.

This is handy to verify your own test kits, or to try a kit you don't have at home.

The kits are mainly Salifert tests and include pH, Calcium, Carbonate Hardness/ Alkalinity, Nitrate and Silicate.



Chris also brings along his Phosphate Light Meter and a Refractometer to test the salinity of your water.

MASWA now have HANNA digital phosphate meter to accurately test your phosphate level up to 2 decimal points.

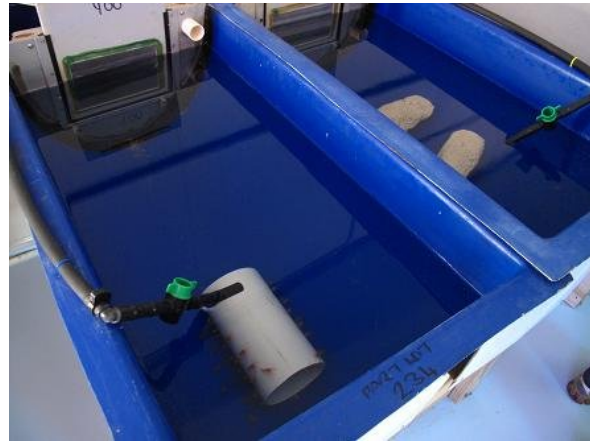
This is a great free resource so be sure to take advantage of it.

If you are unsure of how to test your water, bring along about 100ml and ask for help (also free!)



Last Months Meeting Rundown

Last month's meeting was at Oceanarium, another great event, thanks to Pete and Leanne for having us there. Also a special thanks to Shona's other half for driving the bus. The coral farm is simply amazing, huge amount of effort to establish and maintain, but the result is definitely worth it as shown in the pictures below.



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.

Then a quick visit to Darren's (FishDoctor) place for more shopping ☺



Upcoming Meeting Information

This month's meeting is going to take place in our president, Shona Whaite's place, be sure not to miss this one, full info here: <http://www.masa.asn.au/phpBB3/viewtopic.php?f=61&t=221351>



Formalities of the meeting will be:

President address
Introduce new members
Raffle tickets
Behind the scenes tour
Raffle tickets drawn
Door Prize
General discussion
Wind-up

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Science News

Genetically Engineered Salmon Safe to Eat, but a Threat to Wild Stocks

ScienceDaily (Sep. 25, 2010) — Craig Altier, a member of the Food and Drug Administration's Veterinary Medicine Advisory Committee and an associate professor at the College of Veterinary Medicine at Cornell University, comments on potential FDA approval of the first genetically engineered animal for use as food.

Altier says: "The fisheries of the world are being rapidly depleted and so advances in aquaculture will be needed to meet the growing demand for protein. Genetically engineered animals might help to feed the world, but they must first meet the most stringent requirements for human and environmental safety.

"Is the introduced growth hormone gene safe for the fish itself? The studies designed to determine this were flawed, and so we don't know yet whether this is true. The burden of proof here is on the producer of this fish, Aquabounty, to perform further research to establish safety for the fish.

"Is the fish safe for human consumption? Exhaustive analysis by the FDA showed no difference from conventional salmon. The growth hormone itself presents no specific risk, as we consume growth hormone in all meats we eat. The FDA also found no increase in allergens, which is important, as fish is already a food that causes allergic reactions in many people.

"We advised the FDA on the possible environmental impacts of this fish. Containment of the fish is essential, as the release of this fast-growing animal could have devastating effects on native fish populations. The producer, Aquabounty, plans to raise these fish in an inland, self-contained facility. To protect wild fish stocks, these facilities would require the utmost security, rigorous inspections and constant oversight by the FDA.

"We need to treat these fish as we would a potentially dangerous medicine or pharmaceutical, and apply all of the same security measures to its production and transport."

Cornell University (2010, September 25). Genetically engineered salmon safe to eat, but a threat to wild stocks, expert says. *ScienceDaily*. Retrieved September 28, 2010, from <http://www.sciencedaily.com/releases/2010/09/100925105209.htm>

Feature Article

Tunze Wavebox, Turbelle Stream Pump, and Wave Controller

Tunze makes many claims about the Wavebox - a pump producing 'high speed' currents while using little power, wave heights of 3 cm (1.18 inches) with oscillations corresponding 'precisely' to wave action seen on natural reefs. How do these claims hold up under scrutiny?



Tunze (technically Tunze Aquarientechnik GmbH, and pronounced 'tune-zah') is a name familiar to most serious reef aquarium hobbyists. Headquartered in Penzberg, Germany, Tunze has been manufacturing products for the aquarium market since 1960. Their products are noted for quality and upper-end pricing. This month, we'll examine some of the finer points of a Tunze product - the Wavebox 6215, and more specifically its pump (Turbelle Model 6260) and controller (Model 6091).

For a variety of reasons, not every report on products I purchase and test makes it to print. In some cases, the product performs so poorly that the manufacturer's business fails before the possibility of publication. Other times, the testing protocol does not generate results worthy of publication, and this was my *initial* experience with the Tunze

Wavebox. It is not that the product did not achieve results I would have expected based on Tunze's reputation - it was that the application was incorrect, although it would take a while to realize this fact. In initial experiments, the Wavebox produced a lot of flow but failed to produce significant wave action (a subjective opinion) when used in a 100-gallon Rubber Maid™ tub. Since I had to build a frame of PVC pipe to hold the box in place, this positioning allowed the waves to pass behind the Wavebox, where they then formed an odd rebound (reflection) once striking the curved wall of the tub. Even after weeks of trying to tweak the controller and timing of the waves, I failed to do so and considered the test a failure and abandoned use of the Wavebox. Almost two years later, I decided to try again. The box was too large to fit inside the rectangular aquarium so I used only the pump and controller - with profoundly different results from those originally seen.

Full Article here: <http://www.advancedaquarist.com/2010/9/aafeature>

MASWA Sponsors

MASWA now has fourteen commercial sponsors with Ultra Reef as our latest addition. It is owned and run by Adrian Li (Masa username amashun). MASWA sponsors receive an advertisement (for monthly specials, etc) and a banner in the newsletter each month. 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 are interested in becoming a MASWA Sponsor, please contact Chris Sutton on 0419 858 108 or email: maswa@masa.asn.au



[Acro Als Coral Market](#)

Perth WA 6000

[Website](#)

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[Aquarium Artists Australia](#)

Shop 2/712 Ranford Road,
crn Boardwalk Boulevard
Southern River, Perth WA 6110

[Website](#)

Phone: (08) 9490 9900

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Shop 2/213 Railway Ave
Kelmscott WA 6111

[Website](#)

Phone: 08 9495 4900

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[Fish Doctor](#)

all over Perth WA 6000

[Website](#)

Phone: 0402 250 240

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[Fremantle Ocean Farm](#)

Fremantle, WA 6160 Australia

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[Oceanreefs Marine Aquariums](#)

7/51 Buckingham Drive Wangara
Perth WA 6065

[Website](#)

Phone: +61 8 9409 3039

MASWA Sponsor: This business is a MASWA Sponsor - they donate vouchers for raffles.



[Oceanarium](#)

P.O. Box 283
Quinns Rock WA6030

[Website](#)

Phone: 0427 941 126

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[Pet Magic Cannington](#)

8 / 1500 Albany Hwy
Cannington WA 6107

[Website](#)

Phone: (08) 9458 1970

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[Pet Warehouse / Totally Tanked](#)

U 5/ 1808 Albany Hwy
Kenwick WA 6107

[Website](#)

Phone: (08) 9452 2088

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[Rocky Reef Marines](#)

2/15 Dixon Road
Rockingham WA 6168

[Website](#)

Phone: (08) 9527 9493

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[Seaview Aquariums](#)

2/ 386 Wanneroo Rd
Westminster WA 6061

[Website](#)

Phone: (08) 9344 7210

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TheFishVet

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[Ultra Reef](#)

OPENING SOON
Sydney NSW 2220

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[Veba's](#)

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[Website](#)

Phone: (08) 9314 7630

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Tank of the Month - August

This month's TOTM Winner is Wayne Boulton aka Sailfin, his tank journal can be found here: <http://www.masa.asn.au/phpBB3/viewtopic.php?f=148&t=189241>

