

APRIL NEWS

from **NIELSEN'S MARINE MATES**

45 – 47 Beenleigh Redland Bay Road, Loganholme. 4129

www.nielsensmarinemates.com.au Ph 3801 4222



After all our hot weather followed by rain and more rain, now the nights, and some days, are much cooler. You may recall from our article on white spot last month that temperature changes are a major cause of this type of disease, so do not delay in getting your heaters into your aquariums.

This month we are featuring the very realistic looking Walt Smith Reef Rock. This artificial rock looks so like the real thing but has the advantage of coming already coloured up and with no nasty surprises lurking in the many holes and crevices. We also have info on the fabulous Hydra LED lights as displayed on our marine display tank. These would have to be the pinnacle of lighting available for reef tanks and the results seen in tanks with this lighting speak for themselves. As always, we have some great monthly specials on marine and freshwater fish and plants. See you in store soon! Until next month ... good fishkeeping.

EASTER TRADING

We will be OPEN EVERY DAY over Easter at the usual time of 9a.m. to 5 p.m.

HAPPY EASTER!



NEW! WALT SMITH REEF ROCK



This artificial rock is handcrafted in Fiji and comes in a variety of shapes and sizes just right for the aquarium. It is realistically coloured to simulate coralline algae and of course contains no nasty surprises in the form of mantis shrimp etc. As well, it is much lighter than traditional live rock and its porous internal structure gives a great base for bacteria to establish on.

In time live coralline algae will also colonize this rock but it has the advantage of looking



like established rock right from the beginning and, of course, is a sustainable option to live rock.

Walt Smith Reef Rock comes in 5kg and 10kg boxes or as loose pieces, all for \$14 per kilogram.

HYDRA LED LIGHTING

We have been running **Hydra 52 HD LED lighting** on our marine display tank for a while now and have been very impressed with the results. Each Hydra 52 uses a maximum of 135 watts and utilizes the latest LED technology from leading manufacturers, arranged to provide the best performance. For the technically minded these are:

- 12 - Cree XP-G2 Cool White (> 70 CRI)
- 12 - Cree XT-E Royal Blue
- 12 - Cree XP-E2 Blue
- 4 - OSRAM OSOLON Deep Red
- 4 - Cree XP-E2 Green
- 4 - SemiLED 415nm
- 4 - SemiLED 400nm

Whilst the amount of each colour can be adjusted according to personal preference, in traditional LEDs there is a maximum available to each colour. Uniquely, the Hydra 52's HD function dynamically adjusts power available to each colour, borrowing



power from the colours not being used, giving the most vivid spectrum ever seen.

The Hydra FiftyTwo™ HD

comes standard with 80 degree lenses giving you the best balance of power and spread. The lens optics are custom designed, boasting greater than 90% optical efficiency and including a diffuse exit surface to provide improved colour blending.

With these lights, no controller is needed. With built in wi-fi, all that is needed to control one, or multiple, Hydra devices is a computer, iOS or Android device and this can be achieved anywhere using the free myAI cloud service.

The Hydra 52 HD LED light measures 30.2cm long x 13.7cm wide x 4cm high and comes with a 3.048 metre (10 foot) cable.

For smaller tanks, the **Hydra 26 HD LED lighting** is available. These measure 18.5cm long x 13.7cm wide x 4cm high and also come with a 3.048 metre cable. LEDs are as follows:

- 6 - Cree XP-G2 Cool White (> 70 CRI)
- 6 - Cree XT-E Royal Blue
- 6 - Cree XP-E2 Blue
- 2 - OSRAM OSOLON Deep Red
- 2 - Cree XP-E2 Green
- 2 - SemiLED 415nm
- 2 - SemiLED 400nm

As with the 52 model, these are energy efficient with a maximum of 90 watts. All HD lights in this range use the same 80 degree lenses and the wi-fi method of adjusting the lighting.

Looking for a smaller light still? The **Prime HD** may be the one for you. Measures 12.4cm square by 3.4cm high and uses only 55 watts maximum. LEDs are as follows:



- 3 - Cree XP-G2 Cool White (> 70 CRI)
- 3 - Cree XT-E Royal Blue
- 3 - Cree XP-E2 Blue
- 1 - Cree Deep Red 660nm
- 1 - Cree XP-E2 Green
- 1 - SemiLED 415nm
- 1 - SemiLED 400nm

Without doubt the Hydra range are outstanding lights for the marine reef tank providing visible improvement in the health, colour and polyp extension of corals. For further information and size recommendations please talk to our staff in store.

**FRESHWATER FISH
OF THE MONTH
BLACK WIDOW TETRAS**

The Tetra family would have to be one of the most popular choices for the tropical freshwater community tank. One of the larger growing tetras is the Black Widow Tetra. These are a very hardy fish and have a lot to recommend them, being quite peaceful, easy to feed, very undemanding of water conditions and an attractive fish.



Black Widows may take a little time to develop the deep black colouration when new in a tank, but once settled, and especially in a planted tank, will display good colour – black with metallic silver.

Black Widows can be kept in pairs or in a school. They have a more round body shape than most tetras so make a good contrast to more slender tetras such as neons, glowlights, black neons etc. Their larger size also means they can be mixed with some of the larger tropical fish such as angelfish which would normally be a problem with smaller tetras (by eating them!).

Feeding Black Widow Tetras is easy as they will accept almost any foods from flake to frozen.

Normally \$4.55

THIS MONTH \$3.50

**MARINE FISH OF THE MONTH –
MANDARIN FISH**

These are, without doubt, one of the most beautifully coloured and bizarrely patterned marine fish. A member of the dragonet family, Mandarin fish will usually grow to a maximum of 10cm, usually less, and are a substrate dweller. Males can be differentiated from the females by the extended first dorsal ray and they have been known to spawn in captivity.

Mandarin fish can be difficult feeders at first and are best started off on fine particle frozen foods or live brine shrimp. They do well in reef tanks where there is probably abundant microscopic live food available to them.



These are a peaceful species, although males will sometimes fight, especially in small aquariums.

Whilst they are popularly kept in reef tanks, they can also be mixed in small aquariums with seahorses.

Mandarins are normally \$55.00

APRIL SPECIAL \$49.00

**BRINGING THE KIDS TO THE SHARK & RAY DISPLAY OVER THE HOLIDAYS?
PICK UP A SHARK SOUVENIR ON THE WAY HOME!**



SHARK SPLAT (pictured left) Squish them and chuck them. Throw the shark at a flat, clean surface to make it go SPLAT! **\$4.99**

SHARK FLINGERS (pictured right) Sharks that launch from the tip of your finger. Pull and release to fling the shark. **\$5.99**



**FRESHWATER PLANT
OF THE MONTH –
HYGROPHILA PINNATIFIDA**

This is a most unusual hygro a beautiful fern like appearance and whilst it is capable of growing 30cm



or more in height, it can be kept to a more compact and bushy size by pinching out the new growth. This plant sends out runner-like side shoots which will

readily attach to rocks and driftwood.

Whilst it will grow under moderate lighting it does best with more intense light and good quality aquatic plant fertilizer. In the past we have sold this plant for \$6.99.



THIS MONTH'S SPECIAL \$5.99.

MARIGLO LED LIGHTING

These LED units have been around for a while and are still popular as an economy priced light for marine tanks – either 'fish only' or with lower light corals and invertebrates.

Features are:

- Energy efficient LED lighting.
- Contains 3 strips of LED's in a sleek black aluminium casing – 2 x White and 1 x Blue.

- Includes 2 power supplies. Each power supply controls an independent colour (blue or white) meaning that the power supplies can be put on separate timers, to automate the switching of each colour.
- Mounting brackets can easily slide along the channels of the light unit to fit your aquarium. Easily mounted and adjustable with a "screw clamp" fixture.
- LED lighting provides long term cost saving benefits due to a longer lifespan compared with traditional fluorescent tube replacements.



© Copyright Aqua One 2014

There are three models available –

- 60cm 25 Watt priced at \$144.50,
- 90cm 40 Watt priced at \$205.99
- 120cm 50 Watt priced at \$225.50.

**REGISTER FOR OUR NEWSLETTER
either in store or email us at:
nielsensmarinemates@bigpond.com**

**Check out our Facebook page which
is regularly updated with photos of
new livestock and products.
'Like us' to receive notification
of updates.**



**SPECIALS IN THIS NEWSLETTER
ARE AVAILABLE ONLY FOR THE
MONTH OF APRIL UNLESS
SOONER SOLD OUT.**