

# Welcome

to UltraMarine



Greetings to you, UltraMarine reader!

Welcome to this summer edition of the magazine. It's throwing it down with rain as I write this actually so hopefully by the time you are reading this the weather will have improved somewhat, and we'll be into a decent summer!

Of course, if the weather does warm up, take extra care to keep an eye on those temperatures and make sure you have an effective method of cooling in place for your tank. There's nothing worse than stressing over a hot tank with alarms going off all the time.

I hope you enjoy this issue. We've got a great tank feature all the way from Italy courtesy of Danilo Ronchi and hobbyist Carlo Mondaini, plus a little update on my own humble system. As ever I'm on the lookout for systems to feature so if you think you have something special to share, don't hesitate to drop me an email at the address below.

John

Research Information Ltd,  
Grenville Court, Britwell Road,  
Burnham SL1 8DF, England

Tel: 01628 600499

Website: [www.ultramarinemagazine.co.uk](http://www.ultramarinemagazine.co.uk)

>Editor & Designer: John Clipperton  
editor@ultramarinemagazine.co.uk

>Publisher: Kumar Patel  
kumarpatel@researchinformation.co.uk

Whilst every care is taken to ensure accuracy of content, ULTRAMARINE publications will not be held responsible for any inaccuracies within supplied articles. All rights reserved. No part of ULTRAMARINE magazine may be reproduced, stored in a retrieval system, transmitted in any form, or by any means, electronic, mechanical, photocopying, recording or otherwise without prior written consent of the publishers; the above also applies to adverts designed by ULTRAMARINE.

VAT no: GB 639 8321 11



Cover: *Chaetodontoplus septentrionalis* (J. Clipperton)



38



46



56



74

# Contents

Issue 76 June 2019

## 05 Marine News/Product News

### 10 Q&A

Blue Planet Aquarium Curator Dave Wolfenden answers your marine queries.

### 16 Close Look Product Review

In this issue's Close Look review we unbox and real world test the new P4 Pro and P1 dosing pumps from D-D H2Ocean.

### 20 Digital-Reefer Update - No. 3

John Clipperton details some of the trials and triumphs of a typical reef set-up as he delivers a third update on his Red Sea REEFER 625XXL as it approaches the 2 year old mark.

### 30 Reef-keeping Burn Out

Mike Paletta confronts a problem that has the potential to confound even the most conscientious reef-keeper; what happens when the hobby loses it's allure and becomes more like a chore.

### 38 Gone Fishin'

Chris Sergeant investigates the enigmatic and outlandish frogfishes both in the wild and in captivity to see what makes these fascinating oddball characters so unique.

### 46 When in Rome...

Danilo Ronchi visits the stunning reef aquarium of Italian hobbyist Carlo Mondaini and gives us the low-down on this unusual and eye-popping system. Talk about a room with a view!

### 56 Close-up on Corals: Hydnothophora

James Fatherree explores the horn corals of the *Hydnothophora* genus and explains what makes these unusual SPS corals worthy of consideration, and respect.

### 64 Good Golly, Miss Molly

Kenneth Wingerter ventures into brackish waters to investigate the subject behind something of a revival in recent reef-keeping... the use of Mollies in reef systems.

### 74 Tropical versus Temperate

Campbell Robertson compares the dazzling tones of the tropical reef to the more subtle hues of temperate climes in this piece which shows that when it comes to biodiversity, sometimes less is more.

Find us on Facebook

Follow us on Twitter @ultramarinemag