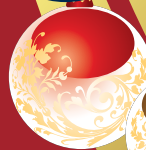




Nautilus SCUBA Club Newsletter

Cairns QLD Australia
<http://www.nautilus-scuba.net>

Email: secretary@nautilus-scuba.net



Dive Trips
Club Meetings
Guest Speakers
Trip Reports

Editor: Phil Woodhead

Cover photo Cam White

TUSA Dive, Deep Sea Divers Den, Reef Magic Cruises, Mike Ball Dive Expeditions,
Cairns SCUBA Air, Calypso Reef Cruises, Poseidon Cruises



**HAPPY NEW
YEAR
2016**

**January Club Meeting
Wednesday 27th
From 7pm...
Junior Eisteddfod Hall
67 Greenslopes Street
Cairns**

All the usual treats ,BBQ, Raffle,
and the Nautilus pop up shop

Guest speaker will be Terry Cummins

Terry will be giving a presentation on his recent Mexico trip where he went diving in the caves and cenotes of the Yucatan Peninsula.



Order from the Nautilus Pop-up shop
at the Club Meeting

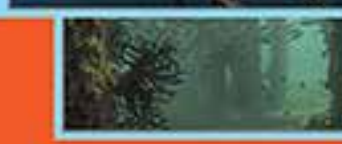
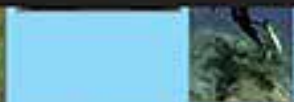
The 2016 Nautilus Scuba Club Calendar is now available for pre - order

\$10 each or 5 for \$40

Featuring images from the entrants of the
2015 underwater photo competition



2016 Calendar



Club Christmas dive

A day out of Port Douglas on Calypso.

Trip reporting by Shey Goddard



The day was sunny, the wind was light and we were off on an adventure to Port Douglas for the annual Christmas dive celebrations. The beautiful day seemed to make up for the fact that we had to wake up at stupid 'O'clock in the morning..... I am not a morning person.

We loaded all our gear on our own private calypso boat and away we steamed cheerful and happy.



As instructed we were ready and sitting in our BCD's before the boat had even stopped to moor... we were super keen to get in the water as the morning heat was causing some wetsuits to turn into saunas.

The boat was moored and the pool was open!

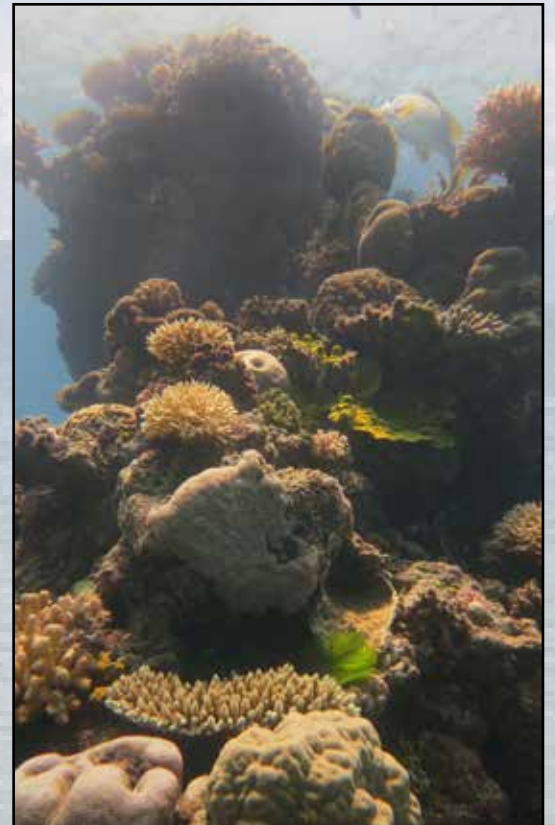
30+ divers all getting into the water within a few minutes of each other is always going to provide a circus of antics down below as people try to figure out what direction they are heading. Before too long everyone was settled in and spaced out nicely, the water was a lovely 27deg C and the visibility was pretty good. Ahhhhhhhhhh... how's the serenity?



On the first two dives we were lucky enough to hang out with some big cuttlefish, who were probably left a little dazed and confused after the paparazzi had finished with them. (All I could see was bright lights... I don't know what happened after that... could've been aliens...) The coral was lovely and the second dive provided some interesting underwater landscapes and a few swim throughs.

The first two dives were knocked out pretty quickly and then it was lunch time. YAAAAAY! We devoured our delicious feed and were told to get back in the water.

Time to suit up! Except the suits seemed a little tighter and harder to put on. Luckily no one had any issues with swimming so soon after eating. I must remember to tell my mum that she was wrong about the 30min rule.



So we jumped back in the water for the last dive of the day. Who would've thought a figure of eight would be so hard? Some people made it, some people completely missed it the turn off. Again another nice relaxed dive and we were back in the boat packing up our gear and settling in with a beverage or two.

Before we knew it we were already back on land at Port Douglas where we scampered off to the restaurant for our Christmas nibbles.



It was a bit of a warm, sauna like afternoon at the restaurant. The lack of wind that day was lovely out on the reef, but was proving to be more difficult to deal with on land. People were rotating positions around fans and anywhere else that they perceived might be cooler. The heat didn't seem to diminish anyone's spirits, the drinks were flowing and the food was mouth-watering as always.

Hope you all have a tremendous festive season, catch you in January!

VANUATU

04 - 14 October 2016

WRECK DIVING IN SANTO & PORT VILA

Special Group Departure

11 Days / 10 Nights ex Brisbane
from AUD \$ 2,750 per Diver

Price includes: (Non Diver from **AUD \$1850** per person)

- Return flights ex Brisbane to Santo & Port Vila flying with **Air Vanuatu** (luggage allowance 30kg per person)
- 6 Nights at **Coral Quays Fish & Dive Resort**, Santo -standard twin share garden bungalow with roundtrip airport transfers and daily breakfast
- 10 Shore Dives in Santo at **SS President Coolidge & Million Dollar Point** – with hotel transfers, dive guide services, tanks & weights
- 4 Nights at **Hideaway Island Resort**, Port Vila – twin share lodge rooms with airport transfers, daily breakfast & select resort activities (Kava tasting, kayaking, etc)
- 3 Dive Days (3x 2-tank boat dives) with **Big Blue** – includes gear pick up, dive guide services, tanks & weights (small local bus fee applies)
- Australian departure taxes and applicable airline taxes (\$265 & subject to change)

Price does not include:

- Travel insurance, meals other than specified and personal spending money
- Any excess luggage surcharges
- Airfares to and from Brisbane

Booking conditions apply : Prices subject to change at any time without notice due to currency fluctuations and supplier rate changes. Airfares are currently based on group airfares. To allow the use of this airfare and group package rates, a minimum of 6 passengers are required to travel. See other terms and conditions as per the Dive Adventures website: **www.diveadventures.com.au**

Booking requirements :

To secure your place on this trip, you will need to complete an online Booking Form and return it together with a non-refundable deposit amount of \$500 per person. Final payment due date is 1 August 2016

Booking Ref: S-18495

16/11/2015



DIVE
ADVENTURES

IATA 0234182 4

CONTACT: AKIKO Email: overseastrips@nautilus-scuba.net
or

Nina ph:(07) 4055 8056 Email: nina@diveadventures.com.au





Nautilus Club Cairns - Reconnaissance Trip to Maumere

SEAWORLD CLUB, Maumere, FLORES Island, Indonesia

DATE: 20-31 October 2016

Planned Itinerary: (subject to flights becoming available)

20 OCT Flight: Cairns – Denpasar
20 OCT 1 night Denpasar
Accom in Bali: Hotel near airport (Harris Hotel Tuban)
21 OCT Flight Denpasar – Maumere
21 -30 OCT 9 night stay SEAWORLD CLUB Maumere
3 Beach Front Cottages (6 people)
2 Beach Front Suites (2 people)
Including breakfast and return airport transfer from Maumere.
8 dive days (10 dives each) guide, boat, lunch, tank and weights.
Last day:
1 day land tour to Kelimutu Lake (three color lake). Including car, Driver and petrol.
(need 3.5 hour go and 3.5 hour back. Start from Hotel 05.00 am. On the way back
from the lake stop for lunch, own expense)
30 OCT Flight Maumere – Denpasar
30 OCT Flight Denpasar – Cairns (for 1 OCT)

COSTING:

Total costing is not available as flights are only estimates. I'll list the components needed:

SEAWORLD CLUB:

For now we need to sign up to the resort to reserve the accommodation.

Beach Front cottages USD 15.00 (AUD 15.00/person/night) + AUD 0.70

Beach Front suites USD 20.00 (AUD 14.00/person/night) + AUD 0.70

FLIGHTS: Cairns - Bali (Cairns)
(hoping for Jetstar to schedule direct flights again, starting from AUD 250.00 return.)
Bali-Maumere - Bali (~ AUD 300.00 return)

It is too early to get flights yet for those dates. I suggest to hold off until early next year. By then the hotel in Lombok hopefully will be open at all.

TRIP HOTEL IN BALI: Will book as soon as flights are available.
Harris Hotel Tuban is AUD 40 pp/night share including transfers

FINANCE: please ask for quote travel insurance with overseas stay from AUD 140.00/person depending on age, etc.**

SIGN UP: AUD 400/person to cover the non refundable deposit for the resort. There will be additional payments required once flights are available for purchase.

**** Note:** This trip requires a flight to Bali and onward to Maumere (Flores). Therefore all Australian Insurances will not compensate cost incurred by the current Volcanic eruption of Merapi which has led to flight cancellations. However, it is expected that the current eruption activity will stop and once that is officially acknowledged we can purchase flights again and you'll be fully covered as per insurance conditions again.

CLUB OVERSEAS TRIP FOR NEXT YEAR

There are still 3 spaces left on the Milne Bay, PNG Chertan liveaboard trip (14-24 Oct 2016): 1 x Deluxe Cabin (2 spaces) and 1 space in a Standard Cabin.

Please contact:

Overseas Trip Co-ordinator: Akiko

Nautilus Scuba Club - Cairns

overseastrips@nautilus-scuba.net



Local dive trips and get together information



Tusa Dive
Club day dive trip
Contact: Glen via:
divecoordinator@nautilus-scuba.net

January 2016						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

New Years Day

Club meeting

Australia Day



Annual Lake Eacham BBQ in January (Sunday 17/01/16).
9.30am onwards and we try to get a shelter up the top near the path down to the pontoon/jetty. The BBQ will be around midday so if you are intending to go diving please plan your dive times around that. Remember that diving is at your own risk and you will have to bring all gear including tanks and weights (Tanks can be hired from scuba shops around Cairns e.g. Deep sea divers den). Please let Shey know if you would like to come along as we will need to know numbers for catering. Bryan will be whipping up a ridiculously scrumptious feed, so you won't want to miss out on this one!

February 2016						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

Club meeting



Calypso - Port Douglas
Club day dive trip
Contact: Glen via:
divecoordinator@nautilus-scuba.net

Special dives will be organised in addition to the regular monthly day trips, these could be with Reel Cray-Zee, Rumrunner, and could be day trips or weekend trips to the reef or the Yongala. Better watch your emails for future announcements.

CREATURE FEATURE

Cephalopods

Class: *Cephalopoda*

Cephalopods are a family of marine invertebrates whose members include octopus, squid and cuttlefish. There are more than 700 different species of cephalopods that have been identified. Although they're all unique and have their differences, all cephalopods have certain distinct characteristics in common.

Quick facts:

- All cephalopods have similarities in certain organs. They have three hearts, two of which move blood to the gills while the other pumps blood to the rest of the body. Their blood is blue, because it binds oxygen with the protein hemocyanin. Their brains are much larger than those of other invertebrates and most species are able to learn and remember information. They have two eyes, which are generally characterized as being extremely complex, perhaps even as sophisticated as the human eye
- Cephalopods are able to change the colour of their skin very rapidly and at will. They can even make intricate patterns and shapes on their skin. This is achieved using chromatophores, which are bags filled with pigment located in the skin. These chromatophores can be controlled by nerves to change the colour of the skin. They primarily use this ability to help camouflage themselves, but it's also used as part of mating rituals.
- All cephalopods have the same basic anatomy. They're made up of a body, a head and a foot. They have a muscular casing called a mantle which contains and protects their organs. They all have arms -- at least eight of them -- that are attached directly to their heads, but only some species also have tentacles. Their arms will either have cirri, suckers or hooks on their undersides.
- Cephalopods are all strict carnivores. Exactly what they eat depends on the species and its size, but common prey includes various fish, crustaceans and mollusks. They have hard beaks, made out of horn, which are useful for tearing at and devouring their prey. While most species hunt for their food, there are certain species that prefer to scavenge for their meals.

Cuttlefish



Broadclub Cuttlefish showing colour change



Dwarf Cuttlefish resting at night



Flamboyant Cuttlefish hunting

CREATURE FEATURE

Squids



Bigfin Reef Squid



Tropical Bottletail Squid



Berry's Bobtail Squid



Striped Pyjama Squid

Octopus



Starry Night Octopus-netting



Mimic Octopus



Poison Ocellate Octopus



Mosaic Octopus-mimicking a cone shell



Coconut Octopus
Definitely a glass half
full type of critter



Wonderpus



Greater Blue-ringed Octopus

THINGS YOU MAY OR MAY NOT NEED TO KNOW

- There is no club meeting in December
- If you use your Nautilus Scuba Club Card when you book a trip with an operator, you are representing the Nautilus Club whether it is a club dive or just a few buddies going for a dive.

- A Blue Whale's tongue weighs more than an elephant
- Statistically, you are more likely to be attacked by a cow than a shark
- Some captive octopuses have learned to open jars containing food. Many aquariums now give their octopuses puzzles and other games to keep them from getting bored.



Congratulations Deep Sea Divers Den on their new dive vessel.

PARTING SHOT



Image by Phil Woodhead

Thread Pipefish

Kyonemichthys rumengani Gomon 2007

Found on Norman Reef by Aaron Smith, Dec 2015