



Down Under Dive Club

April 2004



Mark Your Calendars !! Lots of Events, Lots of Fun!

Back by Popular Demand, our speaker for April's Club Meeting is Michael C. Ott, M.D. Dr. Ott is board certified in Pulmonary Medicine, Undersea and Hyperbaric Medicine, and Internal Medicine. Dr. Ott works with MIMA as a Pulmonary/Critical Care physician. Dr. Ott is also a Diving Medical Officer (DMO) for the National Oceanic and Atmospheric Administration (NOAA). He was employed as the DMO for the USS Monitor Expedition for three years and assisted with the Aquarius Saturation Habitat. He attended Wake Forest University for Medical School as a Fullerton Scholar, and completed his residency and fellowships at the Mayo Clinic. Dr. Ott spent additional time training in Undersea and Hyperbaric Medicine at Duke University and is an avid diver and dive instructor.

We also have a great raffle prize donated by Judy Shepard and PDI of Melbourne. A pair of brand new Aqua Lung Fins. The winner of this prize can choose their size/color.

Check out the Calendar and April Club dives for all the exciting events!

Table of Contents	
April Events/ News	Page 1
Earth Day Activities	Page 1
DUDC April & May Dive & Event Calendar	Page 2
Lantana Trip Report	Page 3
March Prize Winners	Page 3
April Club Dives	Page 4
DUDC Bulletin Board	Page 5
Have You Seen Our New Look?	Page 5
Diver's Day Schedule	Page 6
Membership Renewal Form	Page 7

The Results are In !!! — New officers have been elected: Debi Buck is the New Club President, Michael Wheat is the new Dive Coordinator & Laurel LeFavor is the New Secretary. Bob Carmichael (VP), Ed Given (Treasurer), Marty Munnich (Membership) & Phil Kellner (Safety Officer) have all agreed to remain in their current positions.

Many thanks to the departing Board Members for all their contributions to the Club.



Dive Quiz by Phil

Question: Higher than normal levels of carbon dioxide in the bloodstream cause a breathing stimulus called:

- A.) Hypoxia
- B.) Hypercapnia
- C.) Hyperpnea
- D.) Dyspnea

(Answer on page 3)

April 22nd is Earth Day



- **WPB Reef Cleanup** — Join the DUDC in an underwater reef cleanup along West Palm Beach. Contact Debi @ (321) 728-7243 or dbuck@downunderdiveclub.com for more details.
- The **Phil Foster Park Project AWARE Clean Up** is scheduled for Sunday, April 25th. Registration is scheduled at 11:00 am with divers entering the water at 12:15 or thereabouts. The event will be sponsored by Pura Vida Divers, S.S. Minnow Charters, Project AWARE and Lagoonkeepers.org. There will be prizes and free air tank rentals. Contact Pura Vida Divers at (888) DIVE WPB (348-3972) or e-mail at info@puravidadivers.com

Board of Directors

President:	Debi Buck	728-7243
Vice-President:	Bob Carmichael	723-7640
Treasurer:	Ed Given	255-5587
Secretary:	Laurel LeFavor	243-0769
Membership:	Marty Munnich	253-4713
Safety Officer:	Phil Kellner	242-7031
Dive Coordinator:	Michael Wheat	727-1028
DUDC Newsletter Editor:	Debi Buck	728-7243
Members At Large:		
Webmaster:	Shannon Anderson	
Concession Master:	Tom Butler	

DUDC APRIL & MAY DIVE & EVENT CALENDAR

Event	Time	Location/ Charter	Member's Cost (Non-members Extra)	Coordinator Phone # / E-mail
WPB Dive Rescheduled from 3/27	Saturday, 4/3/2004 @ 8:30 a.m.**	Pura Vida Divers	\$45.50 + tanks (\$4 air/\$8 nitrox)	Debi 728-7243 dbuck@downunderdiveclub.com
Lantana Drift Diving	Saturday, 4/10/2004 @ 8 a.m.**	Starfish Enterprise	\$45 + tanks (\$5 air/\$11 nitrox)	Debi 728-7243 dbuck@downunderdiveclub.com
DUDC Club Meeting	Wednesday, 4/14/04 @ 7:30 p.m.	Hyperbaric Chamber	Free	Martin 253-4713 info@downunderdiveclub.com
WPB Wreck Diving	Saturday, April 17, 2004	Narcosis	\$50 + tanks	Michael 727-1028 Mwheat@downunderdiveclub.com
Diver's Day	Saturday 4/24/2004	Hyperbaric Chamber	\$10	info@downunderdiveclub.com
WPB Earth Day Cleanup Dive	Sunday 4/25/2004 @ 8 a.m.**	Pura Vida Divers	\$45.50 + tanks	Debi 728-7243 dbuck@downunderdiveclub.com
DUDC Board of Director's Meeting	Tuesday, 4/27/03 @ 7 p.m.	Melbourne Library	Free	info@downunderdiveclub.com
Lantana Drift Diving	Saturday, 5/8/2004 @ 8 a.m.**	Starfish Enterprise	\$45 + tanks (\$5 air/\$11 nitrox)	Debi 728-7243 dbuck@downunderdiveclub.com
DUDC Club Meeting	Wednesday, 5/12/04 @ 7:30 p.m.	Hyperbaric Chamber	Free	Martin 253-4713 info@downunderdiveclub.com
West Palm Beach Dive	Saturday, 5/22/2004 @ 8:30 a.m.**	Pura Vida Divers	\$45.50 + tanks (\$4 air/\$8 nitrox)	Debi 728-7243 dbuck@downunderdiveclub.com
WPB Night Dive	Saturday, May 15, 2004	Narcosis	\$50 + tanks	Michael 727-1028 Mwheat@downunderdiveclub.com
DUDC Board of Director's Meeting	Tuesday, 5/25/03 @ 7 p.m.	Melbourne Library	Free	info@downunderdiveclub.com
3 Tank & Dinner Club Dive	Saturday, May 29, 2004	Narcosis	\$70 + tanks	Michael 727-1028 Mwheat@downunderdiveclub.com

Cancellation Policy for Club Sponsored Dives: Deposits will be refunded with 2 weeks notice of the scheduled event or with a paid replacement divers. Exceptions can be made in the event of a death in the family or illness with Board approval. Money and deposits are refunded when dives are cancelled by the Charter or DUDC.

ALL DIVES MUST BE PAID PRIOR TO THE DAY OF THE DIVE.

You are not signed up for a dive until you have paid in full for the day trips or a deposit for the weekend trips. If you are interested in running a dive, please contact Michael at 727-1028 for more information.

Divers not belonging to DUDC add \$5

(This calendar is tentative and subject to change.)

Lantana Dive Trip Report

Location: Lantana, Florida
Charter Boat: Starfish Enterprise
Date: March 13, 2004

The marine forecast was calling for 5 to 6 foot seas — not good. But, after a quick call to Captain Craig who actually laughed at the forecast, it was decided that we would go diving the next morning. We arrived at the dock around 7:30 am and after loading everyone's gear, we headed out.

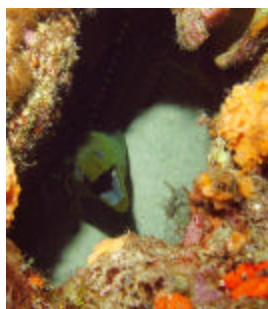
As we headed out the inlet, the waves were pretty bumpy. But once we went beyond the inlet, the waves calmed down to about 2'-3'. Our first dive of the day was at Seagate. Always a great dive, this time was no different. The deep ledges and undercuts provide a haven for numerous fish and other sea life. Visibility was 60'+ and the water temp was 76°. Of course, the dive ended all too soon and we surfaced to brilliant sunny skies and relatively flat conditions.

The second dive for the day was at Briney Breezes, another favorite. Visibility was again 60'+. Along with the usual multitudes of fish, we found an enormous green moray eel who wasn't too happy at being disturbed but Gary took his picture several times anyway. By the time we made it back to the boat the wind had picked up a little and the seas were 2'-4'.

Even though the marine forecast called for 5'-6' seas it didn't get any bigger than an occasional 4'. Showing once again that the marine forecast can not always be 100% accurate. All in all it proved to be an excellent day to dive.

D. Buck

More Photos of this Dive and others dive at <http://www.downunderdiveclub.com/photoalbum/>



March's Prize Winners

Door Prize Winners

- Bob Jensen won Zip Tech
- Steve Leachman won a Bahamas Travel DVD
- Judy Shepard won Slate Cleaner

Raffle Winner:

Russell Bremmer won the \$50 Gift Certificate to Hatt's Diving Headquarters

*Door prizes are given away at each club meeting.
Come to the meeting and sign-in to win.*

Answer to Dive Quiz . . .

Answer: **B Hypercapnia**

Hypoxia means low oxygen level in tissues. Hyperpnea means rapid breathing. Dyspnea means breathing difficulty. Hypercapnia is an undue amount of blood carbon dioxide, which causes excessive activity in the brain respiratory center.

April Club Dives

Saturday, April 3rd —

Rescheduled from 3/27. WPB Drift Diving. Join DUDC and Pura Vida Divers for some great drift diving along West Palm Beach. Pura Vida goes out of their way to make sure that your diving is safe and enjoyable. Space is limited, so reserve your spot early. Contact Debi or Gary to reserve your spot (321) 728-7243 or dbuck@downunderdiveclub.com

Saturday, April 10th —

Lantana Dive with Starfish Enterprise. Join the DUDC for great diving along Boynton Beach. The captain and crew of the Starfish Enterprise have always treated us like the certified divers that we are & we are allowed to dive at our own pace and time limits. Depths average 65 to 85 feet. Cost is \$45 + tanks. Contact Michael Wheat to reserve your spot at (321) 727-1028 or mwheat@downunderdiveclub.com

Saturday, April 17th —

Down with the Wrecks Dive. Join the DUDC for some wreck diving in WPB. The 1st dive will be the Princess Ann. She is a 340 foot ferry vessel that resides at 90 feet. Schools of fish are always on the wreck. The second dive site is the Palm Beach Corridor. This is a series of wrecks starting with the Mizpah and The PC 1174 then a short jump takes you to the Tugboat Sampson. Follow the current to the rock pile (sometimes referred to as the corridor of boulders), which lead you directly to the 400-foot freighter the Amaryllis. Past these wrecks lie another rock pile and a barge and still more after that. We will be diving off the dive boat Narcosis. The Narcosis is one of the fastest, newest, and most comfortable dive boats in West Palm. The boat is certified to hold 34 divers, but they only take 20. This allows for ample space on the boat for each diver. Cost for the dive will be \$50 + tanks (\$5 air/\$10 nitrox) Contact Michael Wheat @ mwheat@downunderdiveclub.com or (321) 727-1028.

Sunday, April 25th —

WPB Reef Clean up Join DUDC and Pura Vida Divers as we help clean up the reefs along West Palm Beach (and have some great diving too). Price is \$45.50 + tanks (if we fill all 12 spaces the price goes down) Space is limited, so reserve your spot early. Contact Debi (321) 728-7243 or dbuck@downunderdiveclub.com for more information.

The **Phil Foster Park Project AWARE Clean Up.** Registration is scheduled at 11:00 am with divers entering the water at 12:15 or thereabouts. The event will be sponsored by Pura Vida Divers, SS Minnow Charters, Project AWARE and Lagoon-keepers.org. There will be prizes and free air tank rentals. Contact Pura Vida Divers at (888) DIVE WPB (348-3972) or e-mail at info@puravidadivers.com



DUDC Bulletin Board:



Discount for DUDC Members with Pura Vida Divers. Pura Vida Divers in Singer Island is offering a discount for all DUDC members. Pura Vida offers daily scuba diving charters, instruction, open water referrals, dive vacation packages, and scuba diving and snorkeling equipment sales, service, and rentals as well as enriched air (nitrox) and air fills. Mention that you are a DUDC member and receive a discount. Contact Pura Vida Divers at (888) DIVE WPB (348-3972) or e-mail at info@puravidadivers.com. Check out the website: www.puravidadivers.com

Summer SCUBA Camp for kids - PDI is offering several summer SCUBA Camps for kids ages 12 and up. These camps will be a weeklong experience for young people who have the motivation and desire to get certified as PADI OW or PADI Jr. OW Divers. The camp consists of one week of classes and a weekend. (for the four required open water dives.) Class size will be limited to 8. PDI Senior instructor, Judy Shepherd, a PADI MSDT with a Master's Degree in Science Ed., will be teaching these classes. They will begin shortly after regular school ends for the summer. Call PDI at 254-1200 for schedules, cost and more details. Let your kids do something really meaningful this summer that will last a lifetime!!!!

DUDC Members, Judy and Bill Shepherd are planning a trip in June to **Riding Rock Inn, San Salvador Bahamas**, the week of **26 June - 3 July, 2004**. This is one of the premier wall diving destinations in the Caribbean. They have made more than 20 trips to SS, and can make sure that you get to dive all the very best walls of the more than 40 dives available only minutes from your room. They have made reservations for 12 people and have 8 slots remaining. This trip is one of the best values you will ever find to a top rated diving location. The diver's package is only \$1350 (dbl occ) for the week and includes a deluxe room on the water, (AC, TV & Fridge) all meals, and three wall dives a day (18) Riding Rock has a fresh water pool, beautiful empty beaches, gorgeous walls, great marine life, the most stunning visibility and blue water you will see anywhere. If you wish to go with the Shepherds and are a DUDC member, they will discount your package \$75.00! There is a Riding Rock charter flight available from Fort Lauderdale - departing Sat. a.m. (26th) returning the following Sat. before 2 p.m. (Transportation to and from San Salvador is not included in the package price.) For more information or to reserve a spot - call Judy or Bill Shepherd at 777-1227. A \$100.00 deposit is all that is needed to reserve your place on this great one week diving adventure!. (Balance must be paid in full by May 20.)

Hatt's Diving Headquarters offers a 10% discount for DUDC members. Stop by the shop at 2006 S. Front Street Melbourne, FL. (321) 723-5932 and ask for details.

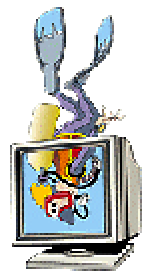
Divers Wanted (No Experience Necessary) — Down Under Dive Club (DUDC) is looking for enthusiastic divers who wish to participate in the exploration of our Underwater World. By joining our club you will not only be kept informed of upcoming chances to further your diving skills and experience, but also be eligible for discount prices on dives. You will also get a subscription to our monthly newsletter. For more information call Martin Munnich at 253-4713 or send an e-mail to info@downunderdiveclub.com

Do you have something you're looking to buy, sell, trade or give away or just an announcement you would like to make, drop me a line at dbuck@downunderdiveclub.com and we can put it in the newsletter for you.

Have You Seen Our New Look?

The DUDC website has taken on a new look as well as a totally new feel. Thanks in part to the disruption of the original service provider and the subsequent loss of the old website, DUDC was required to reevaluate its web presence. From out of the ashes comes <http://www.downunderdiveclub.com/>.

Some of the things you will see at **downunderdiveclub.com** besides a dazzling new look, is some new community involvement areas, a web forum to post questions and information or to just chat with your friends and a gallery to show off the great pictures from your last dive. All this combined with dive community news, weather conditions, games and an "active" calendar makes **downunderdiveclub.com** the place to be during your surface intervals!



Want to receive the newsletter by email? Send us an e-mail and ask to be put on the list.

Diver Day



Dive Safety & Education
April 24th 2004

Brevard Regional Hyperbaric Center
Hibiscus Office Park West
1698 West Hibiscus Boulevard
Melbourne, Florida 32901
321.676.3200 103

Seminars • Exhibits • Raffle

One Time \$10.00 Fee Required for Seminars
Proceeds to the American Red Cross

Variety of dive merchandise donated for the raffle!!!

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|---------------|--|
| 9:00 – 9:45 | Dr. Michael Ott, MIMA
<i>"Overview of Diving Medicine"</i> |
| 9:55 -10:40 | Mr. Joel Dovenbarger, BSN, Vice-President of Medical Services, DAN
<i>"Evaluating the Symptomatic Diver and DAN Case Histories"</i> |
| 10:50 – 11:35 | Dr. Paul Buza, Medical Director, Brevard Regional Hyperbaric Center
<i>"Your Regional Hyperbaric & Diving Medicine Resource"</i> |
| 11:45 - 12:30 | Dr. Arthur Arnold, Manager of Medical Operations, KSC/NASA/Bionetics
<i>"Flying & Diving, Altitude DCI and Space Mission DCI"</i> |
| LUNCH | SCUBA Slide Show – Down Under Dive Club <i>(Hot Dogs, Chips & Beverages Available)</i> |
| 1:00 – 1:45 | Mr. Larry Collins & Mr. Manual DeLeon, United Space Alliance
<i>"Space Shuttle Rocket Booster Retrieval At-Sea Operations"</i> |
| 1:55 – 2:40 | Dr. Jon Shenker, Florida Institute of Technology
<i>"The Incredible Fish Populations on the SISA Artificial Reefs Off Sebastian Inlet"</i> |
| 2:50 – 3:35 | Mr. Steve Mortell, Training & Quality Management Supervisor, PADI
<i>"Diving Science & Technology -TecRec Programs on Technical Diving"</i> |
| 3:45 – 4:30 | Mr. John Reed, Diving Safety Officer - Harbor Branch Oceanographic Institute,
<i>"Florida's Deep Water Oculina Coral Reefs Discovery and Research by Lockout Diving from the Johnson-Sea-Link Submersibles"</i> |

WORKSHOP	Mike & Sue Edwards – PADI & TDI/SDI Instructors
1:00 - 3:30	<i>"TDI/SDI CPROX Administrator Seminar"</i> Register: wxconsulting@bellsouth.net
<i>Pre-Registration & Additional Fee</i>	This course is Cardio-Pulmonary Resuscitation & Emergency Oxygen administration combined into one program. It is designed to teach divers the proper techniques to safely administer CPR and O2 in emergency situations. Certification will be provided upon successful completion of the seminar.

Please Support Our Exhibitors & Sponsors:

American Red Cross • Brevard Regional Hyperbaric Center • Dixie Divers/JND Scuba • Harbor Branch Oceanographic Institute • HATT's Diving Headquarters • Historical Dive Society • Melbourne Police Dive Team • NASA-KSC Liquid Air • Sea Turtle Preservation Society • PADI Barracuda Dive Club • Down Under Dive Club • Waterloggers Dive Club

Down Under Dive Club
IT'S MEMBERSHIP RENEWAL TIME AGAIN!

Attention all Members! Unless you joined the club within the last three months (or you receive a complimentary copy of the newsletter - "C" above your name on the mailing label), then your membership is due to expire at the end of February. The renewal fees are \$25 for a single or \$35 for a family membership. Please complete the following form, detach it, and include a check made out to Down Under Dive Club at:

**Down Under Dive Club
PO Box 360105
Melbourne, Florida 32936-0105**

Dues can also be paid at the next club meeting! If you have any questions, please call the Membership Director, Marty Munnich at 253-4713.

DUDC Membership Renewal Application

Name: _____

Family Members Name(s) (If renewing a family membership): _____

Membership Type (Check One): SINGLE (\$25. 00) _____ FAMILY (\$35. 00) _____

Highest Certification Level(s): _____

Current Address: _____

Home Phone: _____

Work Phone/Pager/Fax (Optional): _____

E-mail (Optional): _____

Emergency Contact (Name/Phone): _____

Down Under Dive Club

PO Box 360105
Melbourne, Florida 32936-0105
www.downunderdiveclub.com

