



2017

SharkBait Dive Club

June Featured Speaker Dave Stewart

Our speaker will be Dave Stewart who will recount his trip to Wakatobi in pictures, video and tales of adventure. Dave can always be counted upon to come back from one of his many dive trips around the world with wonderful videos and pictures which give you the flavor of the region as well as the great diving experiences. This is a not to be missed presentation.

On this trip, it took 26 hours to get from LAX to the final destination. He stopped over for a few days of recuperation and time zone acclimation in Bali and then continued another 600 miles on to the resort.

The diving is broken up into two parts, a five day live aboard portion and a five day resort portion. On the live aboard, they were able to do over 5 dives per day. There was a wake up dive at sun up, break for breakfast, two more morning dives, lunch break, two or three afternoon dives, dinner and then a night dive. The boat, Pelagian, is a 115 foot boat with first class accommodations. There were five divers and twelve crew (what a ratio). The boat accommodates up to ten divers.



The resort is also a first class accommodation with gourmet dining spacious and comfortable rooms. In addition to the daily boat dives, there is the house reef a short swim from the resort.

The diving is quite spectacular and Dave's video and



June 8 World Oceans Day

June 13 Club Meeting
6:30 PM Graziano's Italian, Yorba Linda

June 17 Beach Dive
Crescent Bay 7:00 AM RSVP to Martin

June 24 Club Summer Party
Vlad's House

July 16 Beach Dive
Woods Cove 7:00 AM RSVP to Martin



pictures captures the beauty and diversity of the area beautifully.



FUN Facts You May Not Know (or forgot)



SharkBait 2017 Summer BBQ, Pool Party, Funfest

June 24 Vlad's house

Our annual Dive Club Summer Party will be June 24 at Vlad Ilinsky's house. beginning about Noon and lasting til about 5:00 PM. It will be an opportunity to get together with our members and their families our non-member friends and family for some fun games, refreshing dips in the pool (suits mandatory) good food, refreshments, relaxing and just enjoying ourselves.



The club will supply the food (hot dogs, brats, hamburgers, condiments) and non-alcoholic drinks, but feel free to bring along some munchies to share and adult libations if you wish..

Vlad's address is:

1360 Silliker Ave.
La Habra, Ca, 90631

Phone: 562-691-9051



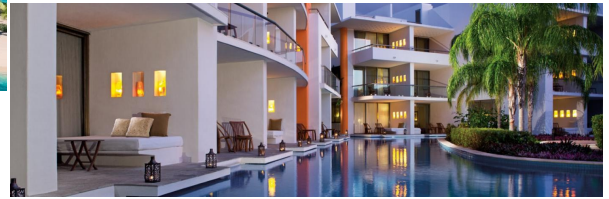
Warm Water Trip

Sharkbait Dive Club invites one and all to the
Island of Cozumel on the Yucatan Peninsula
*Revised 5/24/17

Join us for a week of warm water; spectacular diving, good food and good company. Divers and non-divers alike are welcome.

When: Saturday, November 4th to Saturday, November 11th.

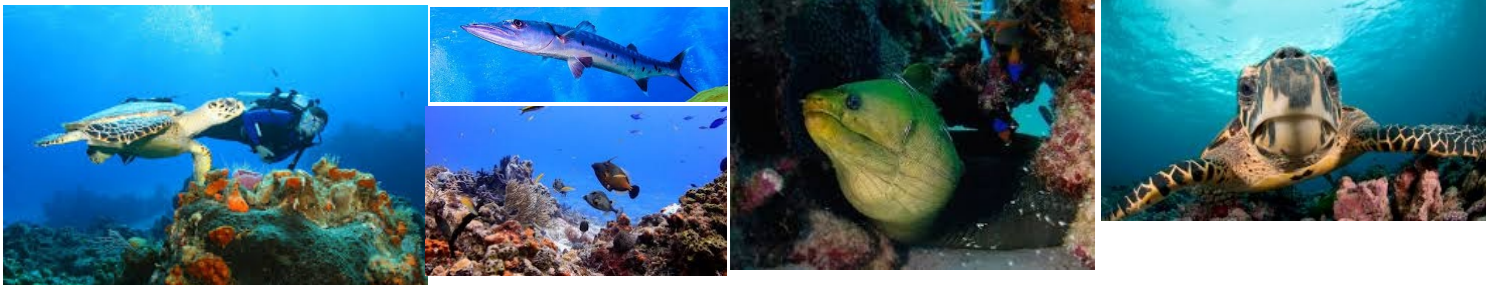
The Resort: Secrets Aura Cozumel



Secrets Aura Cozumel is the perfect getaway for endless fun in a beautiful destination. Located on the small island of Cozumel, just 12 miles off the coast of the Yucatan Peninsula, this is a recently renovated luxury resort with amenities such as

- (1) limitless access to gourmet à la carte dining options without reservations required
- (2) unlimited international and domestic top-shelf spirits
- (3) unlimited natural fruit juices and soft drinks
- (4) 24-hour room and concierge services
- (5) pool and beach wait service
- (6) daily maid service
- (7) free Wi-Fi and
- (8) all taxes and gratuities included. In addition to the above amenities, your experience at Secrets Aura Cozumel also includes: Complete access to the bars, restaurants and pools next door at Sunscape Sabor Cozumel.

Check out this site for dive spots: <http://reefsofcozumel.com/pages/reefmap.html>



The Diving:

Dive House offers two tank boat dive trips twice daily with departures at 8:00 AM and 1:00 PM. Dive sites are decided upon by the divers on the boat and usually include one "wall" dive and one reef dive. Night dives are available on Monday, Wednesday and Friday. Dive House is a PADI 5 Star Dive Resort.

They own and operate five boats all fully equipped with VHF radios, depth sounders, DAN oxygen units, first aid kits and life vests. The four larger boats, a 46' Sea Ray, a 42' Sea Ray, a 35' Bruno Stillman and

a 30' Island Hopper, are also equipped with camera racks, heads, freshwater showers and water level dive platforms with ladders. Boat capacities vary and can accommodate between 8 – 26 divers, ideal for individuals as well as groups. For individuals, the maximum number of divers per boat is limited to twelve.

They have developed an "Experienced Diver Program" where divers are grouped on boats according to their own experience level allowing them to enjoy their dives in the company of other divers of similar experience level. Gear storage lockers, fresh water showers and gear-washing facilities are available at all locations.

Scubapro rental equipment available.

These two southern sites, Punta Sur and Maracaibo, are available weather permitting for a bit more \$\$.

The Package:

Secrets Aura Cozumel

Double occupancy: \$1,275 per diver for 7 nights, all inclusive, Pool View Jr Suite.

\$ 840 per non-diver for 7 nights, all inclusive, Pool View Jr Suite.

Single occupancy: \$ 1,205 per diver for 7 nights, all inclusive, Pool View Jr Suite.

Includes taxes and airport transfers. *Applying for discounts and 10% commission.

Diving:

5 days of 2 tank morning dives are included. Weights, tanks, and a guide are included. 32 pesos per person per day for Marine Park fee. Night dives are additional at \$57 each.

\$100 Deposit due to reserve; Balance due by September 1, 2017

Cancellation allowed prior to September 1st with no penalty. Penalties increase after 60 days.

Air Fare: (not included)

Available on several airlines; currently airfare is about \$665 RT (United) to \$747 RT (American) for a decent one stop flight.

Other Info

Contacts: Jeff Tunstall: (310) 913-1105 (cell) A passport is required.

Email: jtunstall@bolcofplastic.com or

Silvia Swigert (714) 349-0872

Email: SilviaSwigerts@gmail.com



Beach Dives

Change in Beach Procedure

Participation in our beach dives has been pretty spotty of late and to save Martin the hassle of getting to the dive site and having to abort because no one is there



we have initiated a RSVP protocol. If you are participating in our beach diving, E-mail Martin at n1diver@aol.com or call at 714-833-9167.

June 18 Crescent Bay

7:00 AM RSVP to Martin

On the north end of Laguna Beach, where the Pacific Coast Highway meets Cliff Drive, lies ¼-mile of coastline known as Crescent Bay. Its beautiful scenery and easy beach access make Crescent a popular location for divers and beachgoers alike. This location, unlike many others in the area, offers restrooms and outdoor showers.

The diving at Crescent Bay is on the east side or on the west side. In the center there's LOTS of sand! On the East side, Crescent Bay borders Shaw's Cove and if you follow the reef around you will find yourself at Shaws. On the West side of Crescent Bay there is a reef that runs north and south. The reef abruptly ends and if you head west you arrive at Seal rock which is visible from the shore.

Towering above the surface is the small island known as Seal Rock, which is home to many playful sea lions. Seal Rock offers divers the opportunity to interact with these beautiful and extremely curious animals. It's a bit of a long swim to get to the rock, but well worth the calories once you arrive. Stay mindful that these are wild animals and that you are a guest in their home — there is no need to approach them, they will come to you should the mood strike. Stay calm, keep your hands to yourself and enjoy the show.

In addition to the Sea Lions, you'll still find plenty to see down below. The beautiful garibaldi and sheephead live in abundance in this area, and

are not afraid to come close to give you a good once over. If you stay patient and look closely between the kelp and grass, you're likely to encounter leopard sharks as well.

Access is off Circle Way from Cliff Drive. From PCH turn onto Cliff Dr. and turn Right at Circle Way. Look for the sign, or look for Martin. Park where available.

July 16 Woods Cove Laguna Beach

7:00 AM RSVP Martin

Woods Cove is a fairly large cove divided in two by a large rock structure at the surf line. On the Northwest side of the cove about 50 yards out are two rocks that break the surface. These are huge boulders that extend 20 feet down surrounded by smaller rocks with abundant marine life. Out from the southern most reef is a small underwater arch with Garibaldi and a great picture taking spot. The reefs straight out beyond there are spectacular. Huge boulders with ledges and caves harbor a variety of marine life. The reef extends quite a way offshore offering additional sites to explore

The access point to Woods Cove is almost directly off PCH. Turn toward the beach on Diamond Street and park on Diamond or Ocean Way. The beach access is at the end of Diamond Street

World Oceans Day
June 8, 2017



World Oceans Day is a global day of ocean celebration and collaboration for a better future. This site serves as the central coordinating platform for World Oceans Day, with free resources and ideas for everyone – no matter where you live – to help expand the reach and impact of World Oceans Day on June 8 and year-round.

Overall theme for World Oceans Day 2017:

Our Oceans, Our Future

Conservation action focus:

Encouraging solutions to plastic pollution and preventing marine litter for a healthier ocean and a better future

World Oceans Day is officially recognized by the United Nations, and has become an annual celebration on 8 June as well as a call for ocean conservation action throughout the year. Promoted and coordinated by The Ocean Project since 2002, in partnership with a network of diverse organizations, the effort has expanded to over 100 countries. World Oceans Day brings together aquariums, zoos, museums, schools and universities, businesses, organizations and other groups, including divers, surfers, sailors, communities of faith, governments, the maritime industry and the tourism and recreational industry.

WORLD OCEAN DAY AT THE AQUARIUM OF THE PACIFIC IN LONG BEACH, CA
JUNE 08 @ 9:00 A.M. - 08 @ 6:00 P.M.

The Aquarium of the Pacific will celebrate World Ocean Day with an array of activities. On World Ocean Day, June 8, Aquarium visitors can learn about climate change, ocean pollution, and other ocean issues by viewing films and shows and exploring exhibits. All of this is in celebration of the ocean, which covers 70 percent of Earth's surface and remains 90 percent unexplored.

9:00 a.m. to 6:00 p.m.

Included with general admission to guests. Free to Aquarium members; 20% off for their guests.

More Warm Water Fun

WITH SHARKBAIT TEAMING UP WITH ALICIA'S
DIVE/ADVENTURE TOURS FOR A SUMMER TRIP
TO ISLA MUJERES.



This summer we are going to Isla Mujeres, off the Yucatan Peninsula in Mexico. We will stay at the all-inclusive resort Catalonia Riviera Maya. The big draw is cenote diving and diving with whale sharks. There will be some other adventures scheduled for this trip and we'll let you know what they are as soon as we finalize them. The trip is planned for July 21-29. The cost for the land and diving package is \$1700. This price is the cash discounted price. Air fare is not included in the package. Right now the air fare is around \$400 from LAX. If we get enough people we might be able to swing a group rate for the air.

Here are the specifics of the land/diving package:

Package Includes:

- 7 nights accommodations in the all inclusive Catalonia Riviera Maya
- Garden View Room
- All food and drinks
- 3 days of two tank reef diving
- 1 day of two tank cenote diving
- 1 day whale shark excursion
- Tanks and weights
- Airport transfers
- Taxes

Package does not include:

- Airfare
- Gear rental
- Trip Insurance
- Anything else not listed



We are accepting a \$500 nonrefundable deposit for the land/diving package at this time. Final payment will be due April 30th. Deposits may be forwarded to Alicia. She may be contacted at trailgoddess@yahoo.com or 949-584-8408.

White Shark Fact Sheet

Nancy Caruso put out this fact sheet from Ca. Fish and Wildlife in light of the many recent sightings of Great Whites in our area. Thought it was worthwhile to pass it along.

CDFW Fact Sheet: White Sharks

CDFW White Shark Fact Sheet by C. Wilson and M. Patyten

White sharks, also called great white sharks (*Carcharodon carcharias*), are one of the ocean's primary predators, and fascinating creatures to many. Yet, white sharks remain one of the least understood of the sea's creatures, despite the enormous popular and scientific interest in them. Below are some common questions about white sharks, with answers from CDFW experts:

Q: How common are shark attacks on humans?

While they don't typically prey upon humans, white sharks do pose an extreme threat if you meet them on their "turf", or maybe in this case "surf." Since 1950, there have been 101 white shark encounters on humans in all of California. Of those, 13 have now been fatal. In April, 2008 a swimmer was fatally attacked off Solana Beach in San Diego County. Only 17 of the 100 shark attacks on humans in California have been south of Point Conception within the past 63 year period.

It is important to note that even though human use of the water over the years has greatly increased due to the growing human population and the popularity of surfing, swimming, and scuba diving, white shark incidents have not increased in a parallel manner.

White Shark Encounter Statistics on Humans in California

YEAR	INCIDENTS	FATALITIES
1920s	1	0
1950s	13	4
1960s	11	0
1970s	20	0
1980s	18	3
1990s	25	1
2000s	7	3
2010s (to date)	6	2
TOTAL	101	13

updated 04-22-2013

Q: What do white sharks typically eat?

Juveniles typically feed on fishes, small sharks, and rays. Both adults and juveniles are ambush predators. Adults have a wider menu than juveniles which includes fishes, seals, sea lions, dolphins, whale blubber (scavenged), seabirds, marine turtles, rays, and other sharks.

Q: How large do white sharks get?

Adult white sharks grow to about 21 ft. long and dominate their domain as one of the top level predators of the ocean. A female white shark was captured off Pt. Vincente in September 1986 that measured 17.6 ft and weighed 4,140 lbs.

Q: Where do white sharks occur?

White sharks are widely distributed around the world, mostly in cold, temperate seas, only occasionally occurring in tropical seas. They prefer waters with sea surface temperatures of 50-72 °F. White sharks have been known to range as deep as 6,150 ft.

Q: What is the white sharks' role in the marine ecosystem?

White sharks play a crucial role in the marine ecosystem by helping to suppress pinniped (seals and sea lions) populations. The only real threats white sharks face are from humans, as well as the occasional killer whale.

According to marine fisheries expert Burr Heneman, who drafted California's white shark protection legislation, "White sharks, orcas, and disease are about the only factors limiting seal and sea lion populations in California, and research increasingly confirms that the white shark population is pretty small and highly vulnerable to fishing pressure."

Q: How large is the white shark population?

Currently, there are no population estimates available for white sharks. However, there is agreement between shark biologists that their numbers are very low. Low numbers are typical for top-level, apex predators that are long-lived, slow growing, late maturing, and have a low reproductive potential.

Q: What do scientists know about the white shark population?

Since there is no fishing data available, scientists assess the population numbers of white sharks using other methods. One method is to collect tissue samples and extract DNA samples for analysis. These studies are used to determine whether there are multiple populations of animals or just one white shark population that's spread out over large areas. This research on white sharks is still in its infancy.

Q: Are there any examples of how scientists are trying to get a better handle on how large white shark populations are?

Scientists at the Farallon Islands visually document each individual shark based on unique external characteristics (e.g. scars, marks, fin shapes, unique coloration patterns, etc.) They then note any re-sightings of each recorded animal. It may soon be possible to use mark-and-recapture

statistical sets to estimate the actual numbers of animals occupying that area.

Evidence so far supports the notion that the number of adult white sharks around the Farallon Islands and, very possibly all of California, is under 100.

Tagging white sharks with special satellite tags is another method which enables scientists to determine the range and movements of the big beasts, whether there's just one population or multiple populations moving up and down the coast, and just how free-roaming they are.

Recently,

a shark tagged off of the California coast was tracked moving to Hawaii and back for two years in a row using these tags.

Q: Is fishing for white sharks illegal?

White sharks are indeed illegal to take and have been protected in all California waters since Jan. 1, 1994. Title 14, California Code of Regulations, Fish and Game Code Section 28.06 in the

California Sportfishing Regulations booklet clearly states that white sharks may not be taken under a sport fishing license. Commercial fishing operations may not target white sharks, either.

Q: Are white sharks protected all over the world?

No. In areas of the world not yet protecting white sharks, they have become a popular trophy fish with each bringing thousands of dollars for just their valuable fins and jaws alone.

Fear has motivated the targeting and persecution of white sharks, and all sharks, for decades. White sharks have been listed as "vulnerable" on the International Union for the Conservation of Nature and Natural Resources' "Red List" of threatened species, and are now regionally protected in many areas of the world including South Africa, Namibia, the Maldives, Malta, Australia, the U.S. Atlantic Seaboard and Gulf Coast (including Florida), and the coast of California (since 1994), where it is illegal to pursue, capture, or possess them in whole or in part. Unfortunately, they have not been granted full international protection yet, which allows a sizable black market network to perpetuate the sale of white shark jaws and teeth.

Q: What groups were in favor of white shark protection in California?

According to marine fisheries expert, Burr Heneman, Northern California surfers were among the most active supporters of white shark protection when the legislation was adopted in 1993. The following letter was even written to the bill's author, then Assemblyman Dan Hauser, by Eric Larsen, a surfer who needed 200 stitches after being hit by a white shark while surfing at Davenport two years earlier:

"I am writing to express my support for AB 522 to protect white sharks in California. As you may know, I was mauled by a shark thought to be a Great White on July 1, 1991 while surfing near Davenport, CA. My experience with the shark convinced me that sharks are an important part of the natural order of things. Any creature which is as well-adapted to its environment as the shark deserves a lot of respect."

While Northern California diver organizations supported the legislation, those in Southern California, where there have been few incidents, seemed nervous about protecting white sharks and never actively supported the bill.

Q: How do you tell white sharks from other species of sharks?

According to Dr. Robert Lea, senior biologist and shark expert for DFG, "If you see a shark greater than 15 ft. in California waters, chances are it's a white shark." White sharks have heavy spindle-shaped bodies with conical snouts and a narrow tail stalk supported by stout lateral keels. Their coloration reflects a sharp demarcation between dark upper surfaces and white lower surfaces. The pectoral fins have a white trailing edge, black tips on the undersides, and a black spot occurs at the pectoral axil ("armpit") in some individuals. Their jaws are loaded with large, triangular, serrated teeth.

Q: How often do white sharks reproduce?

White sharks are long-lived, and not very abundant. Male white sharks become sexually mature at around 9-10 yrs. of age. Females become mature at around 14-16 yrs. of age, and can have between two and 14 "pups" per litter. Birthing is thought to occur in the spring and summer months. Each pup is around 4-5 feet long at birth, and comes equipped with a full set of teeth. White sharks, as with most long-lived ocean creatures, suffer from high mortality rates during their first year of life.

Scientists believe white shark gestation periods last about 12 months, which means that female white sharks may breed only once every two years. This slow rate of reproduction indicates that it would take a long time for white shark populations to recover if they became severely depleted.

Q: How can people avoid white shark attacks?

There is only one foolproof method for avoiding a white shark attack: stay out of the ocean. If this is not an option, try to avoid places known for white sharks, such as the Farallon Islands, Año Nuevo, and Bird Rock near Point Reyes. Another suggestion is to avoid swimming in areas where marine mammals are congregating. Don't swim in or near areas frequented by sea lions, harbor seals, and elephant seals, etc. or near their rookeries.

Wearing a wetsuit and fins, or lying on a surfboard, creates the silhouette of a seal from below. Shark attacks are often believed to be cases of mistaken identity, with surfing or swimming humans mistaken for seals or sea lions. Times of reduced sunlight, such as foggy mornings or dusk, are ideal times to be mistaken for a seal.

Q: How do white sharks find their prey?

White sharks initially use vision to find their prey, but then switch to a special organ located in their snouts that senses electrical pulses from the body, such as those generated by muscle movement or a beating heart.

Don't Forget Our Sponsors

We are fortunate to have a great group of sponsors who contribute to the success of SharkBait Dive Club. Without their help and support, we wouldn't be able to provide the benefits that membership in SharkBait gives our members.

We need to do our part also by supporting our sponsor/friends with our continuing business support. When considering a purchase of equipment, a class or a trip, or when you have that irresistible taste for Italian food please remember our sponsors. They are great partners !!!!

Hollywood Divers is located right near Universal City Walk. They are giving us raffle Gift Certificates from time to time. You will be able to redeem these online through their web site, <http://www.hollywooddivers.com>. You will remember Heather Hamza and her husband Karim. They have both been speakers at our meetings.

Dive Seekers is located across the country in New Jersey. They will also be giving us Gift Certificates from time to time. The certificates can be redeemed through their web site at <http://www.diveseekers.com>.

Both of these sponsors carry a complete line of equipment and are reputable SCUBA shops. Give their sites a visit, we think you will be pleased with their GOODIES.



SCUBA World

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(714) 998-6382



17487 Imperial Hwy
Yorba Linda, Ca 92886
(714) 524-2770

<http://www.grazianosrestaurants.com/>



Club Information



Monthly club meetings
with speakers and raffle
prizes
Monthly Newsletter
Land-based Club activities
and events for the whole
family
Organized local dives
Resort warm-water trips
Good dives and good
buddies
Membership costs are as
follows . . .
New Membership:
\$30
Renewal:
\$20

membership renewals are
due in February for all
current members. New
members dues will be
prorated depending on the
month they join the club



SCUBA World



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Scubaboard

Scubaboard.com