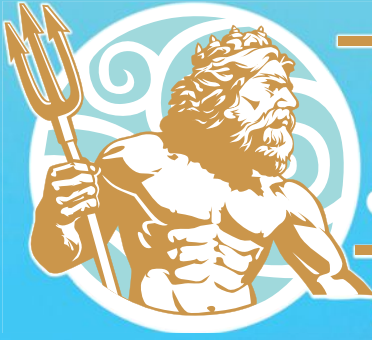


Priceless

ScubaH2Omag.com

June 2017 • Issue 6



SCUBA & H2O

ADVENTURES



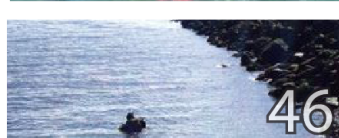
**MAGNIFICENT
GRENADA
ADVENTURE**

**PEERING INTO
HISTORY WHILE
EXPLORING
EAST LAKE ERIE**

**WATERS ABOVE
CAVES BELOW
IN FLORIDA**

CONTENT

SE	ECARA Invites Divers to Explore Pensacola Fights Back Central Florida's Cave Diving	6 8 10
NE	Life Support Technologies HSA "Trust Me" Life on the Jetty	18 20 24
MW	Haigh Quarry Memorial Woman's Dive Day East Lake Erie	30 32 34
NW	Rogue Scuba Travels to Belize Celebrating Divers with UWS Whidbey Island: Gateway to Paradise	42 44 46
SW	Celebrate History: Avalon Diving Museum USC Hyperbaric Chamber Event Release the Beast!	54 56 58
	Explore Grenada DAN: Oxygen Basic training with Lapenta	62 66 68
	Tech Tips with Alec Peirce Critter Corner Get Your Gear On!	70 73 74



ABOUT THE COVER:

PHOTOGRAPHER - Rich Holladay
 Owner of Waterdogs Scuba , PADI
 Master Instructor, Public Safety
 and Handicapped SCUBA Trainer
 disciplines.

Publisher: Rick Stratton
rickstratton.dnn@gmail.com

Associate Publisher:
 Selene Muldowney
selene.dnn@gmail.com

Managing Editor: John Tapley
dnn.editor@outlook.com

Editor-at-Large:
 Jennifer Idol

Regional Correspondents
 Gene Muchanski - SE

Rick Knight - SW
 Advertising Sales:

Rick Stratton
rickstratton.dnn@gmail.com

For more info, please visit
www.scubaH2Omag.com

Celebrating Community

Associate Publisher's Note

Webster's dictionary defines community as either a group of people living together in the same place, having a particular characteristic in common, or a feeling of fellowship with others as a result of sharing common attitudes, interests, and goals.

At the Dive News Network, our goal is to create lifelong underwater explorers and stewards of our marine environments. We accomplish this by bringing together people with a shared vision of not only promoting the sport of scuba diving, as well as the many other watersports we engage in, but also educating and inspiring each other and a generation of new explorers to respect each other and their fragile blue planet.

As we transition from the spring months, the air fresh and cool, to the summer months promising hot dry days, we look forward to donning our scuba gear and dipping our fins into the water. From the crisp cool water in the Pacific Northwest, to warm, balmy waters in the Caribbean, we all find our inner scuba geek and once again submerge into the depths we call our second homes.

This month our publisher accepted an opportunity to explore his other true passion, flying, leaving us at the helm and wondering how we can fill not only his truly awesome flippers but impart the importance the scuba community has on us. In the news we hear about people making an impact in their communities yet often scuba diving is not mentioned although so many scuba divers and watersports aficionados have made incredible contributions. More often than not these accomplishments are not shared, and silently the news drifts into the hot summer breeze. We thought we should share some of these stories and make you aware of how great OUR community truly is!

Beginning March 8 in anticipation of Women's Dive Day 2017, PADI kicked off the annual celebration with a series of blog articles as well social media posts and videos featuring inspirational testimonials from female PADI professionals and divers from around the world. In the spirit of the day and the incredible effect it has already had encouraging women divers over the past two years, both Jill and Rich Synowiec, decided to honor the day with their own event.

As any diver knows, entering the water is a very freeing experience. For people with disabilities, the Handicapped Scuba Diving Alliance (HSDA) in New

SCUBA & H2O Adventure is published monthly by the Dive News Network Media Group at PO Box 1494, Oak Harbor, WA 98277. The Dive News Network Media Group reserves the right to refuse service to anyone it chooses. © 2015-2017 Dive News Network Media Group. All rights reserved.

Important notice: The contents of SCUBA & H2O Adventure are opinions of individual writers and do not necessarily reflect the views of the publisher, editor or any of its staff. The publishers and contributors assume no responsibility for any mishap claimed to be a result of use of this material. Adventure sports contain inherent risks. Improper use of equipment or improper techniques may result in serious injury or death. Readers are advised to use their own best judgement in each individual situation.

We encourage readers to participate in determining the content of this publication by giving us their opinions on the types of articles they would like to see. We invite letters to the editor, manuscripts and photographs related to diving or dive-related business. Send us your stories and photos!



Life on the Jetty

Article and photos by Michael Salvarezza and Christopher Weaver (Eco-Photo Explorers)

Jetty. Breakwater. Groin. Rockpile.

There are many different ways to describe the structures built out of rocks and boulders that we often see extending out to open water with the intention of altering currents, tidal flows or protecting inlets and boat channels. For divers, though, the word most often used is “paradise”.

Jetties dot the coastline of Long Island from west to east, and along both the north and south shores. Some of these are relatively short in length while others extend quite a distance.

Man made, they usually consist of large boulders and rocks assembled in a linear manner. They serve different purposes, but they all have one thing in common: they all attract marine life.

Diving a jetty is a great way to observe the plethora of marine organisms that inhabit our waters. Because jetties are simple to navigate and are often protected from dangerous currents, divers of all levels can enjoy the marine wonders they contain.

Marine Life

Jetties serve as their own form of artificial reefs. One of the first things divers will see when exploring a jetty are the anemones, tunicates and encrusting sponges that attach

themselves to the hard surfaces of the rocks and boulders. These organisms can transform the bland surfaces of the rocks into thriving, colorful reefs of marine life.

Careful examination of the jetty walls will also reveal starfish clinging to the rocks and searching for their next meal. Dining on mussels and other small shellfish, starfish help to keep populations of these bivalves in check.

Another invertebrate often found wedged in the creases between the rocks are sea urchins, which graze the jetty eating algae and other small plant life.

In the crevices, holes and other protected corners of the jetty walls divers can spot a variety of crabs,

PRESERVE
CONSERVE

NAUI
Green Diver Initiative

nauigreendiver.org
Follow us

Facebook Twitter Instagram YouTube

NAUI Green Diver Initiative
Where leaders make a difference
Dive with Purpose!
Join Today!



lobster and fish seeking shelter from predators. On Long Island, divers will most often see calico crabs, spider crabs, rock crabs, and blue-claw crabs, along with hermit crabs, moon snails, whelks, and scallops.

In addition to the invertebrate life, fish find jetties a great place to hide, hunt and raise their young. Hiding in the holes created by the jumbled rocks are bergall, blackfish, black sea bass and an occasional American eel. Besides the fish seeking shelter, divers who search the sandy bottoms along the jetty will find flounder, sea robins and porgy. Schools of striped bass, menhaden, and bream will also visit the jetty and swarms of baitfish will often be found near the point of the breakwater.

Jetties are home to virtually all species of marine life found in our local waters. Divers who venture below at night will be blessed with an explosion of nighttime activity on the jetty as anemones extend their tentacles, crabs emerge from their crevices to scavenge for food and lobsters prowl for prey along the bottom.

During the late summer and early autumn months, the Gulf Stream brings wayward tropical fish to the waters of Long Island. These fish, caught in the northward bound current of this great ocean river, find themselves a long way from home in colder waters facing certain death in the coming winter months. Triggerfish, butterflyfish, grouper, and even an occasional angelfish can be seen hiding along the jetty. For Long

Island divers who wish to stock their home aquariums, these lost tropicals make a perfect addition as they will be unable to tolerate the coming winter months.

Safely Diving the Jetty

Although there are a number of jetties along our shores, it is not lawful or permissible to dive all of them. Before planning a jetty dive, first ensure that it is legal to do so. In some cases, town permits may be required. Make sure you have these or you may face an expensive surprise when you surface from your jetty dive.

Even though jetties seem simple to navigate, always be sure to take a compass reading and use a dive flag to mark your presence in the water. Recreational boats often use jetties as fishing spots and a dive flag will alert the boat operator to your presence.

Make sure you properly assess the dive conditions prior to the dive. Jetties can be subject to dramatic tidal movement so a dive at low tide might end up being too shallow. If there are waves crashing against the rocks, chances are visibility will be very diminished and the surge might be dangerous.

When diving a jetty, simply swim out alongside the jetty until you wish to turn around or until you've reached the point. Be careful of monofilament line and other entanglement dangers as you explore the rockpile and don't reach into deep holes to avoid getting stuck, stung or bitten by something that might be living there.

Some jetties mark the entrance to boat channels. It is never legal, or safe, to dive on the inside of a boat channel. Do not "round the corner" at the point of the jetty to venture into the boat channel.

If you are making a night dive along a jetty, make sure you have a light source on shore that you can rely on to indicate where the dive should end and be sure that you have redundant light sources underwater while you are diving.

Where to dive jetties on Long Island

There are several spectacular jetty dives on Long island. The Montauk Twin Jetties, marking the eastern and western boundary of the entrance to Lake Montauk, make excellent night dives. Divers on the western jetty will find water depths reaching 35 feet at the tip of the jetty where schools of menhaden are often seen.

In the town of Southold, the East and West Jetties alongside Mattituck Inlet are home to a wide variety of marine life. A Town Parking Permit is required at this site, but divers who are able to dive here are rewarded with good conditions and great marine life.

At Cedar Beach Town Park in the town of Mt. Sanai, two jetties extend out into the Long Island Sound and are a favorite for both fisherman and scuba divers. The dives start in very shallow water but depths can reach 20 feet or more at the tips of the jetties.

In the town of Greenport, one of the longest jetties on Long Island can



The Area's Finest
Diving Educators
802-865-2771
established in 1988
Professional Diving Instruction
Gear & Adventure

We provide our customers with the highest quality possible in everything we do
waterfrontdiving.com



DIVE OUR NEWEST ATTRACTION
CHALLENGER 600

DutchSprings
4733 Hanoverville Road | Bethlehem, PA | dutchsprings.com



© Eco-Photo Explorers

THEIR FUTURE DEPENDS ON US



WWW.PROJECTAWARE.ORG

JOIN THE FIGHT FOR INCREASED
PROTECTIONS FOR SHARKS AND RAYS

Photo: Steve Woods

DIVE IN! SCUBA CLASSES MAKE EXCITING ADVENTURES

ATLANTIC DIVERS

Certification Classes, Wetsuits and Water accessories for all Water Sports
Shipwreck Diving, Scuba sales and service

2905 FIRE ROAD EGG HARBOR TOWNSHIP www.njwreckdivers.com (609)641-7722



be found. It extends south into the Peconic Bay and is home to a wide array of local marine life. This jetty is almost a half-mile from any parking so it is best to arrange diving on this jetty by boat. Similarly, the jetty at Jones beach is located on a State Park where shore diving is prohibited. Boat dives on this jetty are possible and the site is home to many species of northeast marine life.

The jetties at Shinnecock Inlet extend into the open Atlantic Ocean. Both the East and West Jetties can be dived as long as you stay outside of the inlet, which is a very active, and dangerous

boat channel. Be aware that the rocks of the west jetty extend underwater and curve east inside the inlet. Depths can reach 90 feet or more with strong currents so be sure not to extend too far along this jetty. These jetties are a great place to see tropical fish in the early autumn months, along with skates, stingrays, and black sea bass.

The best way to learn about diving on these or any other jetties is to check with the local dive shops. There you can inquire about tides, currents, water conditions and any access restrictions that may exist before you venture out.

Jetty diving is a great way to experience the myriad life forms in our waters. Long Island is home to some spectacular jetty dives. It is an opportunity not to be missed.



1.877.SCUBA.USA
 THE ADVENTURE
 BEGINS HERE!
 SDI TDI ERDI

1-877-728-2287
 480 Route 17 North
 Paramus, NJ 07652
www.1877scubausa.com

Vivid-Pix Fast, easy software to
 improve your images

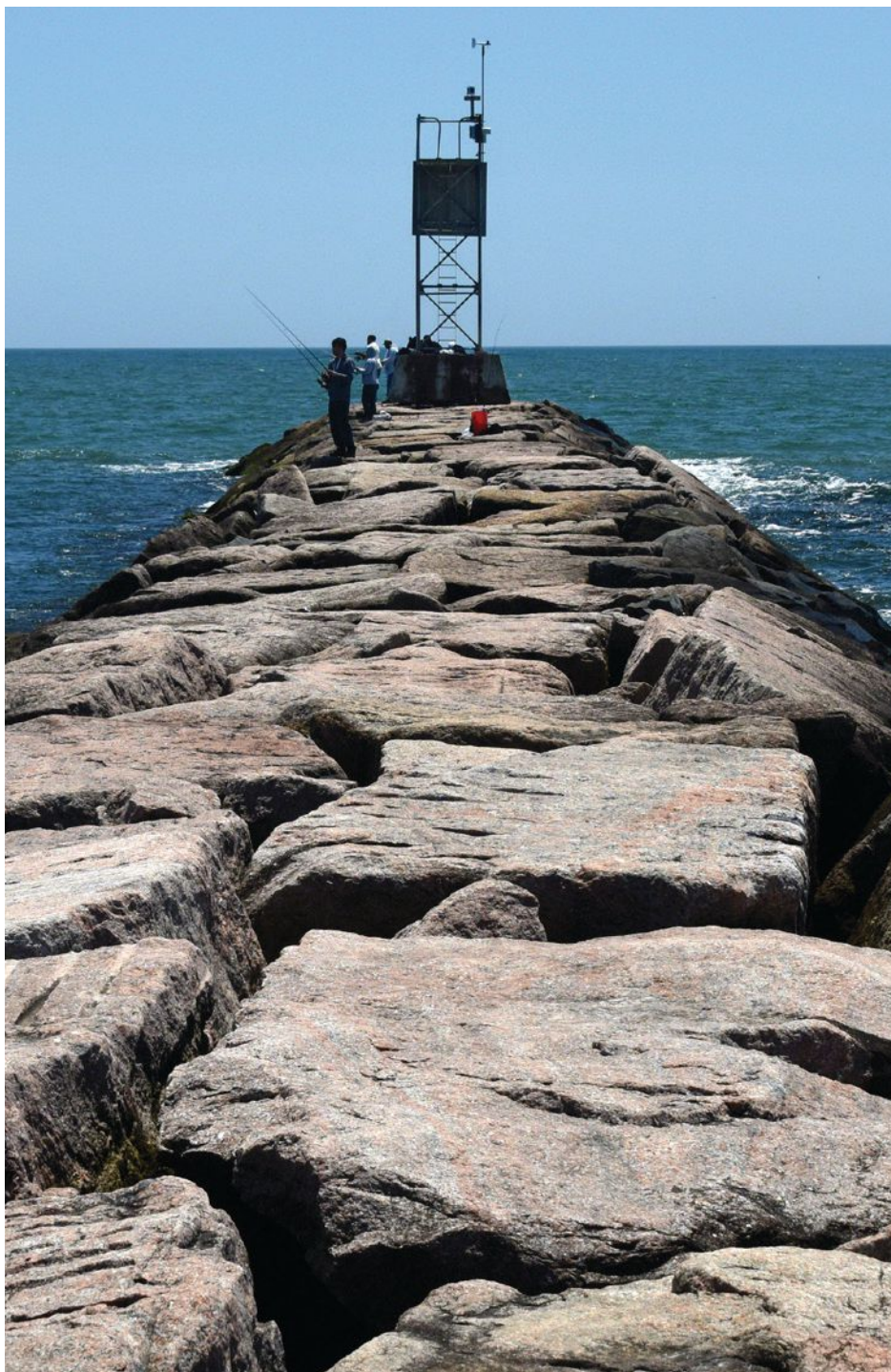
TRY IT FREE

UNCLE JOE'S SCUBA
 Pittsburgh's Premier 5 Star Dive Center

At Uncle Joe's Scuba, you are
 welcomed like family.

www.unclejoesscuba.com

937 Fifth Ave
 Coraopolis, PA 15108
412-262-2664
 Mon-Thurs: 10-7, Fri:10-5, Sat:11-3



the dive shop

(856) 751-0308

www.thediveshopnj.com

700 County Rte 561, Voorhees Township, NJ 08043

DIVE SHADES
Sunglasses for Divers

FORM & FUNCTION

1-866-416-8247

www.diveshades.com



PISCUS DIVERS SUPPLY

A DIVISION OF
PISCUS SCHOOL OF DIVE, INC.

- ◆ Learn to Dive
- ◆ Go Dive
- ◆ Continuing



PiscusDivers.com

783 Fairport Rd
East Rochester, NY
(585) 381-2842



Learn to Dive Local Charters Service

CALL US (908) 654-8808

www.treasurecovedivers.com



One of Buffalo's oldest
and most respected
professional
diving centers



NAUI Technical Training Center

(716) 685-4557

VISIT DISCOVER DIVING

5319 Transit Road
Depew, New York 14043