

# Blue World 4

Season IV --- 11x30' in HD  
(Total in 4 seasons 32x30')

**An Amazing Underwater Odyssey**

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# Blue World 4

The amazing underwater show returns for the 4<sup>th</sup> season with 11 more episodes of exciting stories.

Host Jonathan visits an underwater human habitat (!), joins efforts to save the Lake Sturgeon, helps a team of archaeologists excavate a pirate ship, explores an island teeming with sea-snakes and hand-feeds bull sharks, to name a few exciting adventures.

A series by Jonathan Bird Productions.



# Episodes

## **Episode 401 - Sea Snakes and Manta Rays**

Jonathan travels to a remote atoll in the Maldives where Manta rays gather in large numbers for just a few weeks each year to feed on plankton that accumulates in a small lagoon. He also goes to Manuk, a tiny, uninhabited volcanic island several hundred miles from the nearest populated island in Indonesia, on a mission to discover why the waters of this remote place are teeming with thousands of venomous sea snakes!

## **Episode 402 – Bull Sharks and Astronauts**

Jonathan travels to Mexico for an up close encounter with Bull sharks, infamous for the fact that they are known to be the most dangerous species of shark to humans. He then goes to NASA's Neutral Buoyancy Lab in Houston, astronauts train for space walking underwater, in a giant pool about half the size of a football field. Jonathan gets a rare and fascinating look into this high-tech diving as he ventures underwater with astronauts.

## **Episode 403 – Monk Seals, Wounded Warriors and Counting Fish**

Hawaiian Monk seals are a critically endangered group of warm water seals that are only found in the Hawaiian archipelago. Only about 1,200 of the animals remain. Jonathan sets course for the Forbidden Island of Ni'ihau to meet some of these reclusive animals, and gets a fascinating insight into their lonely world.

## **Episode 404 – Artificial Reefs and Free Diving**

In the Florida Keys, several ships have been sunk intentionally as artificial reefs to provide habitat for fish and entertainment for scuba divers. Jonathan visits three wrecks of different ages to see how fast these wrecks turn into reefs. He also travels to the island of Bonaire to take a course in freediving from Karol Meyer, a world-champion freediver.

## **Episode 405 – Sturgeon and the Coral Farm**

Jonathan travels to upstate New York to learn how biologists are working to save the sturgeon in the St. Lawrence river by rebuilding their spawning habitat and re-stocking the river. During a dive he films an amazing spectacle that has never been recorded before!

## **Episode 406 – Belugas, Cousteau's Blue Hole and Spinner Dolphins**

At the Mystic Aquarium in Connecticut, Jonathan gets up close and personal with Beluga whales as he learns what its like to train and take care of thousand pound marine mammals. Jonathan cavorts with a pod of playful Spinner dolphins off the Big Island of Hawaii and learns how they hunt at night and sleep during the day by shutting off half their brains at a time!

### **Episode 407 – Aquarius Reef Base, Skates and Rays**

Jonathan visits Aquarius Reef Base—the world’s only undersea lab where scientists live in saturation for days or weeks at a time, studying the ocean.

### **Episode 408 – Stargate Blue Hole and Sponges**

In a remote part of Andros Island in the Bahamas, a deep crack in the ground leads into a beautiful and stunning underwater cave system. Jonathan joins a veteran cave explorer to plumb the crystal clear water in the depths of Stargate Blue Hole. He also looks at the mysterious ways of sponge in this episode.

### **Episode 409 – Whitetip Reef sharks, Kelp Forest and St. Lawrence Wrecks**

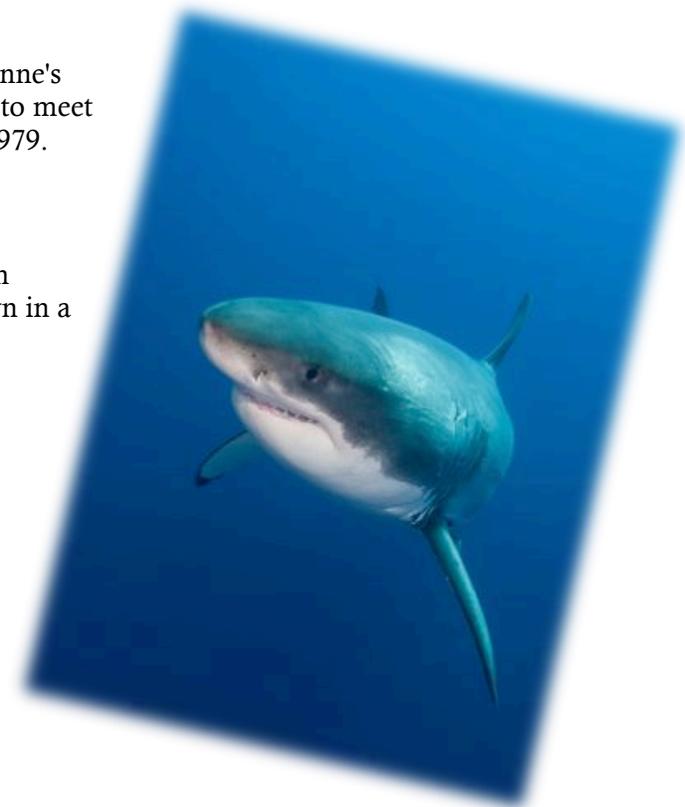
At the remote, lush, uninhabited Cocos Island, 300 miles off the coast of Costa Rica, Jonathan witnesses a nightly hunting ritual. Dozens of Whitetip Reef sharks join together into roving gangs to hunt fish in the reef.

### **Episode 410 – Blackbeard's Shipwreck and Night Mantas**

Jonathan joins a team of underwater archaeologists on a project to excavate the remains of the Queen Anne's Revenge, better known as Blackbeard the Pirate's ship. Also in this episode, Jonathan travels to Hawaii to meet these Manta rays, including one particular animal named Lefty who has been coming to this site since 1979.

### **Episode 411 – Invasive Species and Deep Sea Exploration**

Jonathan travels from the St. Lawrence river to the Caribbean, looking at several of the most well-known underwater invasive species and their effect on the environment. Also, Jonathan explores 1000 feet down in a special submarine and meets an astonishing variety of deep sea animals from crabs to sharks!



### **EPISODE 301 - Blue Holes and the Georgia Aquarium**

Jonathan travels to Andros, an island in the Bahamas, to investigate underwater caves that start in blue holes. He also visits the Georgia Aquarium in Atlanta—the largest aquarium in the world—where they keep not one but four whale sharks in captivity, as well as two manta rays. Whale sharks are the largest fish on Earth and Jonathan learns how these animals are maintained in captivity while he dives with them in a 6 million gallon fish tank!

### **EPISODE 302 – Groupers, Coral and Camouflage**

The Goliath Grouper is one of the largest bony fish in the world, and this made it the target of intense fishing efforts for many years. After nearly becoming extinct, laws to protect these fish enacted in 1990 are finally starting to pay off. Jonathan visits a shipwreck in Florida where Goliath Groupers gather to spawn every year, and meets dozens of these massive animals!

### **EPISODE 303 – Sully the Pilot Whale and Cleaning Stations**

In 2009, a lone pilot whale was stranded on a Curaçao beach. Fortunately, he was rescued by the staff of the Curaçao Sea Aquarium. They named him Sully and spent months nursing him back to health. After being successfully rehabilitated, Sully refused to go back to the wild and was adopted by Sea World San Diego. Jonathan learns what was wrong with Sully and what had to be done to save him.

### **EPISODE 304 – Sea Lions and Humpback Whales**

Jonathan goes diving with a group of playful sea lions in the Galapagos Islands. Jonathan spends a week in the Silver Banks as well. Every year, Humpback whales in the North Atlantic make a long migration down to the Caribbean to have their calves in warm, calm water. Many of these whales come to Silver Banks near the Dominican Republic

### **EPISODE 305 – Jake Learns to Dive and Curaçao Dolphins**

Jonathan visits the Curaçao Sea Aquarium to learn about their dolphin program from George Kieffer, the head dolphin trainer. After taking George's dolphin class, he joins him on a dive with Annie, one of the dolphins that is trained to swim with divers on the reef outside the resort. Why don't the dolphins swim away? That's what Jonathan finds out!

### **EPISODE 306 – Sea Snakes, Symbiosis and Coral Spawning**

Many people don't realize that there are snakes that live in the ocean. And believe it or not, they're actually considerably more venomous than land snakes! Jonathan travels to Australia and the Philippines to find these marine reptiles, and learns that they are completely harmless to divers.



### **EPISODE 307 – Yucatan Sinkhole, Shark Biology and Ocean Defenses**

A sinkhole is a deep pond created when the roof of a cave collapses and then the opening fills with water. In the Yucatan, Jonathan explores *Muyal-Ha* sinkhole, which is over 100 feet deep and has a false bottom created by clouds of sulfur. It's an incredibly eerie place! Also, animals in the ocean have developed unbelievable and clever methods of defending themselves, from simple things like spines and venom, to smoke screens and armor. Jonathan travels the world looking at animals that have the most interesting means of keeping themselves from being eaten.

### **EPISODE 308 – *Blind Cavefish, Coral Reefs, Bottom-dwelling Sharks***

Deep underground, in submerged caves, there is no light. Because there is no light, there are no plants and almost nothing to eat. Yet life survives here. The top predators in these sunless ecosystems are tiny blind cavefish, only a few inches long. They are extremely rare, only found in the dark recesses of caves. Jonathan joins Christine Loew, a veteran cave explorer, on a mission to film this incredibly rare fish

### **EPISODE 309 – Sailfish, Potato Cod and Diver Ed**

Jonathan heads down to the Riviera Maya in Mexico on an expedition to film one of the world's fastest fish—the sailfish! He gets in the water with a school of sailfish zooming around hunting sardines. In addition to having huge dorsal fins giving them their name, the sailfish also have long pointy bills like spears they use to catch their prey. Jonathan dodges the bills while filming the action! Jonathan also visits a site famous for Potato Cod in Queensland Australia.

### **EPISODE 201 – Aquarist for a Day**

Jonathan visits the New England Aquarium as a volunteer aquarist for a day to learn what it takes to care for thousands of fish in dozens of exhibits, up to the massive 200,000 gallon Giant Ocean Tank (GOT). Also, even experienced divers rarely get to see the Mandarinfish, a colorful reef fish that is so shy, it only comes out of hiding for a half-hour a day. Jonathan travels to the south Pacific to film spawning Mandarinfish and witnesses an incredible secret ritual.

### **EPISODE 202 – Mantas of Yap**

Jonathan travels to the Micronesian island of Yap in the middle of the Pacific to investigate large gatherings of the world's largest ray—the manta. A research program there is tracking dozens of these animals and Jonathan learns what they're doing hanging around certain coral heads every morning. Also, on an expedition to the Bahamas, Jonathan encounters dozens of Lemon sharks while trying to film a Tiger shark. But finally a Tiger shark arrives and you won't believe the incredible encounter Jonathan has with this enormous, hungry animal.

### **EPISODE 203 – Sea Turtles**

In Malaysia there is an island known for more sea turtles than virtually anywhere on Earth. Jonathan visits this amazing ecosystem to learn about the life cycle of sea turtles. He is shocked to discover an amazingly complex and competitive environment.

### **EPISODE 204 – Diving the Mexican Underground**

Deep underneath Mexico's Yucatan peninsula, underground rivers wind their way to the sea. In some places, the forest floor has fallen in, leaving holes in the ground to access these mysterious underwater caves. The holes, called *cenotes*, were considered openings to the underworld by the ancient Mayans. Jonathan teams up with an expert cave diver to explore these spooky underground rivers.

### **EPISODE 205 – Stars of the Sea**

At first glance, starfish, more properly called sea stars, aren't doing much of anything. But Jonathan's investigations reveal a slow-motion predator that hunts and attacks its prey. Traveling the world, Jonathan investigates sea stars from the tropics to the Antarctic and uses time-lapse photography to reveal an amazing complexity to the world of the sea star.

### **EPISODE 206 – The King of Crustaceans**

In the north Atlantic, the American Lobster is the undisputed king of crustaceans. It's also a tremendously important commercial catch. While all the other fisheries are collapsing, why are lobsters resisting the trend? Jonathan goes out with a Maine lobsterman to learn why, and he dives down below to find the biggest lobsters he has ever seen.

### **EPISODE 207 – Antarctic Adventure**

In this season finale, Jonathan treks all the way to Antarctica to investigate life south of the polar circle. Along the way he dives in the majestic kelp forests of Patagonia, where crabs rule the sea floor. Once he arrives in Antarctica, his adventures continue. He swims with penguins, dives under an iceberg, meets a massive jellyfish 3 feet across, and has an incredible encounter with a Leopard seal, the apex predator of Antarctica. This incredible half-hour show is both fascinating and beautifully shot.

### **EPISODE 101 – Blue Shark Adventure**

Jonathan joins Charlie Donilon on his shark charter boat in Rhode Island, Massachusetts, and learns about how shark tagging has shed light on the biology of and behavior of Blue sharks. Also, the Sperm whale holds many records. It is the deepest-diving whale on Earth, the largest toothed whale on Earth and has the largest brain on the planet too. On top of that, it has a reputation for being a vicious beast, thanks in part to Herman Melville's *Moby Dick*. But the real Sperm whale is a lot different than people think. It has a highly-evolved social life, operates at depths where nobody can see them most of the time, and uses sonar which is so sophisticated that it makes the Navy's electronics look like toys. Sperm whales are very hard to find and even harder to film. In the Caribbean, Jonathan repeatedly attempts to get close to the elusive whales, until finally he succeeds and has an incredible experience eye to eye with a giant who investigates him with powerful sonar clicks.

### **EPISODE 102 – Swimming with Jaws**

Perhaps best known for its role as the antagonist in the film *Jaws*, the Great White shark is probably the world's most feared animal, and easily the most fearsome of the sharks. Jonathan travels to Mexico to meet a Great White up close and personal. Nothing can prepare him for the sheer size and strength of a fully grown Great White shark! He learns how white sharks are being studied and how they react to both people and sea lions.

### **EPISODE 103 - A Sharkwreck Mystery**

Thirty miles off the coast of North Carolina there is a shipwreck on the bottom, 130 feet down. Swarming around the wreck are dozens of Sand Tiger sharks. They look menacing, but they seem to be very docile. What are they all doing there, in one spot? That's what Jonathan wants to find out. Also, when manatees were first seen by Columbus, he thought they were mermaids...but he had been at sea for a long time! Today these gentle marine mammals are threatened by loss of habitat and collisions with boats. This episode explores the endangered manatees of Florida and their struggle to survive, as well as some of the people who are working to save them.

### **EPISODE 104 – Wilma the whale**

What happens when a Beluga whale, normally found far north in the arctic, suddenly shows up in a Bay in Nova Scotia? What happens when she starts swimming with people and approaching boats full of tourists? This episode shows how one incredible friendly whale transformed a town, and captured the hearts of children and adults alike. Also, of all the animals in the oceans, the hammerhead shark may be one of the strangest looking. The exact purpose of the wide, flat head is a mystery, but several theories abound. We travel to the shark-infested waters of the Galapagos in Ecuador to learn about the unusual habits of these sinister-looking sharks. Jonathan swims in schools of hundreds of hammerheads, and yet the sharks ignore him.

### **EPISODE 105 – The Airplane Graveyard**

During World War Two, a fierce battle between American and Japanese forces on Kwajalein atoll left a trail of debris on the deep lagoon floor. This lagoon now has one of the largest collections of well-preserved aircraft in the world. As part of the first ever film crew allowed onto this secret military base, Jonathan explores a B-25, F4-U Corsair and Dauntless dive bomber still sitting on the bottom of the ocean, as if ready to take off.

