

New Products

Nauticam NA-GFX100S housing for Fujifilm GFX100S



With the GFX100S, Fujifilm has transferred the power of the larger medium-format GFX100 into a smaller camera body that is more in line with a standard mirrorless full-frame cameras while also making various performance improvements. The GFX100S maintains the 102MP BSI CMOS sensor yet features a smaller and lighter in-body image stabilization system, autofocus points that cover virtually 100% of the image frame and is powered by the X-Processor 4 chip.

The NA-GFX100S is built with the singular focus of creating an underwater housing that blends ergonomic design, intuitive control placement and rugged field-tested durability. The resulting

machined aluminum housing can be further refined with the addition of accessories from magnifying viewfinders to external monitors/recorders. To achieve the full benefit of the stunning 102MP resolution requires the use of underwater optics that are designed with high-resolution lenses in mind to deliver the highest optical quality possible.

The majority of exposure and focus controls are within easy reach of the ergonomic handles that feature stainless steel stiffening brackets to reduce any unwanted movement even when using large strobes or video lights.

A multi-direction pad on the upper right of the rear panel gives access to the camera's joystick. A

double lever near the right handle activates the 'AF-ON' and 'Q' controls. Also on the right side are levers for Focus and View modes. The left side has a double lever for 'PLAYBACK' and 'DISP' as well as levers for turning the EF-X20 TTL flash on or off and one for the camera's 'V-Fn4' control. On top of the housing is a lever for switching between 'STILL' and 'VIDEO' modes.

Built around the N120 Port System, the NA-GFX100S supports a variety of GF-mount lenses with a selection of optical-quality glass and acrylic ports as well as access to Nauticam's lineup of premium professional optics. These optics are designed using industrial lens design software to provide unparalleled

optical quality and impressive fields-of-view. The Wide-Angle Conversion Port 2 or WACP2, when used with the Laowa 17mm f/4 GFX Zero-D lens can achieve an impressive 140° FOV with an almost 0" minimum focus distance and incredible corner sharpness even at wider-open apertures such as f/5.6.

Dimensions 355mm(W) x 190mm(H) x 142mm(D)

Weight in air 3.23kg

Weight in water 0.05kg (incl camera and battery)

Depth Rating 100m

Port Mount N120

TTL Flash Trigger Fujifilm EF-X20 Flash Unit

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Weefine WED-7 Pro monitor



On this 7-inch HD LCD monitor, you can properly assess the sharpness and exposure of your shots underwater. Despite the large screen size of the monitor, it weighs only 1230 grams and is very compact.

The monitor is equipped with an HDMI input and output and is suitable for underwater housings with an accessory port.

The maximum depth is 80 meters.

The monitor comes with a ball connection for easy attachment to your underwater housing.

Anyone who has ever worked with an underwater monitor knows that it is a joy to see and judge your images on a

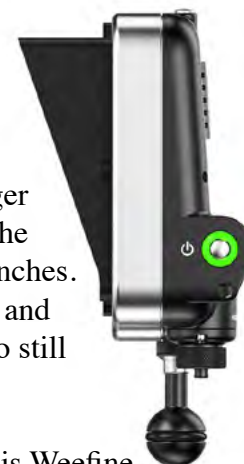
large screen. Is the eye of the fish sharp? Is the lighting perfect? What about the composition?

The monitor is larger than most monitors on the market. A whopping 7 inches. The monitor is very flat and not unnecessarily big, so still very compact.

Compared to other underwater monitors, this Weefine WED-7 Pro is reasonably priced. Certainly because most monitors are 5-inch in size and this WED-7 Pro is 2 inches larger.

The current price can always be found on our website.

www.uwcamerastore.com



Nauticam NA-A7RIV for Sony a7R IV



"Resolution Rethought"

Sony, has come up with yet another addition to their a7 line that is sure to impress. This fourth edition of the a7R sees the inclusion of an updated 61MP

Exmor R BSI CMOS sensor and enhanced BIONZ X image processor. Despite its high resolution, it can shoot at up to 10 frames per second with full autofocus and shoot 4K video either from the full width of its sensor or from a Super 35 crop. The NA-A7RIV underwater housing provides fingertip access to all key camera controls in a rugged and reliable aluminum underwater housing. Ergonomic camera control access is one of the defining strengths of a Nauticam housing, and the NA-A7RIV continues this tradition.

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Issue 122/12

Joby Beamo and the Beamo Mini



Available in 2 models, the Beamo and the Beamo Mini provide pocket size lighting for underwater photographers. The dimensions are just 4.7 x 5.1 x 5.1 cm and they are waterproof up to 100 feet [30m].

The Beamo has five brightness modes and a native cold shoe mount allows users to quickly slide it on to housing cold shoes. You can even connect [up to] four Beamo at once for extra light.

Of the two models announced, the Beamo is the most powerful giving a mighty 1,500 lumens of brightness and also boasts wireless charging that can last for up to 100+ minutes at 50% power.

The Beamo Mini gives a third less light at 1,000 lumens. Its magnetic backing allows users to get creative and explore different and unusual angles. Attach it to a wreck to get your ideal lighting.

Finally, the Beamo series are loaded with Bluetooth connectivity



and can be combined with the dedicated 'MyJOBY' app, making it easy to adjust on land without losing a perfect position while in front of the camera. The MyJOBY app gives complete control of brightness and management of multiple Beamo at any time.

The new Beamo lights from JOBY are available now with the larger Beamo coming in at £79.95 and the Beamo Mini at £59.95

<https://joby.com>



Nauticam NA-A6600 for Sony Alpha a6600



"The Best APS-C Sony Ever"

Sony has hit a home run with best-in-class AF, huge battery life, rugged build and amazing all-around performance. This is a mirrorless DSLR shooters can love; in a travel friendly size.

Installed in the new Nauticam NA-A6600, it allows ultimate versatility, lens compatibility, ergonomics and superior wet lens compatibility.

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Issue 122/13

Nauticam Atomos Ninja V+ compatibility

Exciting news for all underwater filmmakers! The Atomos Ninja V+ is finally here and we are thrilled to announce it is fully compatible within our existing 17922 and 17922S Nauticam Atomos Ninja V Housings.

One of the most exciting features of the Ninja V+ is that it will enable 8K 30p ProRes RAW recording on the Canon EOS R5 and 4K 120p ProRes RAW on the Z Cam E2. Canon and Z Cam have already announced support with a future firmware update in 2021 and we expect more camera manufacturers to announce support soon.

The Nauticam NA-Ninja V is built around the new M28 large-bore bulkhead that supports HDMI 2.0 and is easily mounted in the housing, dropping in without trays or other mounting accessories and is held in place by two rotating locking levers. The Ninja V features both an HDMI 2.0 input as well as an output and the NA-Ninja V supports both as well. With dual M28 bulkheads, a second HDMI cable can be run to another monitor.

The NA-Ninja V supports up to the NP-F970 size battery which provides up to two hours of run time.

Access to the touchscreen



controls of the Ninja V are handled via a series of buttons and a selector knob beneath the screen of the housing including PLAY, REC, MON, RGB, PEAK and the Multi-Selector Lever. The 17922 and 17922S Nauticam Ninja V Housings are available for purchase through the link below.

www.nauticam.com



Nauticam NA-R5 for Canon EOS R5 Camera



"The Professional Powerhouse"

Few cameras can provide the technical prowess, for stills and video, that the Canon R5 provides.

From 8K video to 20 FPS stills this camera shines. Paired with the innovative NA-R5 housing, there are no boundaries to the creative possibilities for pro or enthusiast. Unleash your potential with the latest technology from Canon and Nauticam.

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AOI Q1 Ultra Compact Strobe



This new little light is a fantastic tool for new photographers and others.

The AOI Q1 underwater compact strobe has a built-in 700-lumen continuous light with three power settings. It can be used for macro photography, as a focus light, as well as a dive torch.

The flash also offers a modeling blink-light function, which fires a short burst of flashes to help users aim and position the strobe as desired (especially useful when using a snoot).

The strobe has a non-removable ball arm and comes with a diffuser, which provides a beam angle of 85°.

With just two buttons and a single knob the control panel of

the strobe is kept simple. The knob controls the power setting. The maximum brightness is at number 7 or the equivalent of Guide Number 22. Keeping the strobe to only manual function means that when used with an automatic compact camera, it is easy to obtain the desired the brightness. You can easily adjust the brightness of the strobe to match the exposure of the camera. The UCS-Q1 has a very sufficient beam angle of 85° with the diffuser on.

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The NA-FX3's compact size make it ideal for the traveling filmmaker and those looking for a more nimble underwater system.



Sony FX3 is strikingly similar to the A7S III less an electronic viewfinder. Take a closer look and its the powerful video features of the A7S III with cinema-centric controls and exterior design.

The FX3 can capture 4K at up to 120fps with 15+ stops of dynamic range with the option for RAW over HDMI. Controls are optimized for video with direct iris, ISO and shutter angle control. With the addition of an internal fan, the recording time limit for 4K60p has been removed.



For more information about set ups and port chart, please visit our website: www.nauticam.com

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BEST GOPRO HERO9 UNDERWATER SETTINGS



The GoPro HERO9 is one of the most compact and easy-to-use cameras for capturing 4K video underwater. It's also great for photo shooters who want simplicity with easy point-and-shoot operation. Our team at Backscatter has spent hundreds of dives shooting GoPro cameras to determine the best underwater settings for capturing excellent video and photos in the easiest way possible.

Setting a GoPro HERO9 for success underwater is a lot easier than many people may think. Nearly everything on the camera is going to be set-and-forget before the dive. The only thing we actually need to change on the camera while underwater is the Custom Preset mode depending on what we plan to shoot (wide angle, macro, video, photo, etc.). Understand



why we need to use the Custom Presets and how to get your GoPro HERO9 dialed-in with our settings. Be sure to download and keep a copy of the settings in your camera bag for reference in the field.

*Note: Make sure to update the firmware on your GoPro to the latest version to ensure that it is current and compatible with these settings and features.

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Nauticam NA-D780 Housing for Nikon D780

The Nikon D780 brings many of the technological advancements in autofocus, live-view shooting and video performance from the Z series mirrorless cameras to a full-frame DSLR. A true hybrid shooter, the D780 employs a full-frame BSI 24.5MP sensor to create still images with incredible detail and dynamic range as well as to produce UHD 4K video from the full sensor width. Autofocus and metering enhancements as well as video output over HDMI options allow the D780 to excel in both video and still applications.

Nauticam engineers are obsessed with functionality and this is evident in the location of essential controls. Regardless of where the control is located on the camera, the Nauticam housing puts them where you need them to be underwater. For those switching between photo and video modes, an easily reachable switch is located on the right rear of the housing. The right side double thumb lever, easily reached from the right handle features access to the AF-on and Record buttons respectively. Between the double thumb lever and the multi-stage shutter release is an



ISO lever allowing quick changes to sensitivity.

The left double thumb lever accesses the Info and Playback controls. The Zoom In and Zoom Out controls are located on the left side of the housing to a location familiar to Nauticam housing users.

Dimensions 351mm(W) x 187mm(H) x 134mm(D)

Weight in air 3.2kg

Buoyancy in water negative 0.2kg (incl. camera and battery)

Depth Rating 100m

Port Mount N120

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BEST UNDERWATER STROBES 2021



We have taken the best strobes for underwater photography and put them to the test to find the Top Picks for wide angle, macro, budget, and all-around performance. The info in this guide will make it easy to find the strobe that is best suited for your underwater photography needs. The strobes in this review have been evaluated based on what they are actually like to use and shoot underwater - not just the stated specs on the side of the box.

We broke all of the current strobes down to four categories: Budget Strobes, All-Around Strobes, Big Bang Strobes, and Macro Strobes with Snoots.

Budget strobes are inexpensive and easy to travel with because of their small size and are generally best

suited for compact cameras.

All-Around strobes are a compromise between the best of macro and the best of wide angle.

If you want to light a big scene then you need a Big Bang. Big Bang strobes are the ultimate wide angle photography tool.

Macro strobes are small, lightweight, and designed to get into tight spaces where macro critters live.

Strobes can be a bit overwhelming when learning the need-to-know details. If you have questions at any point, please don't hesitate to give our experts a call. Every member of our team has extensive experience with the strobes in this review.

<https://www.backscatter.com/reviews/post/Best-Underwater-Strobe-Flash>

NA-GFX 100s
17158 FOR FUJIFILM GFX100S CAMERA

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Also on this site: Tim Rock
Double Blue Images Logo Wear

Ikelite Large Bore M24 Port Modifications

Professional underwater filmmaking with a full frame mirrorless camera can mean more than just a good camera body and lens. The 200DL housing series now supports the attachment of third-party external monitors via HDMI 2.0 through a dedicated large bore M24 accessory port.

The port is conveniently located on the left side of the housing just behind the handles to keep the large diameter cords out of the way of your hands and face while shooting.

There are three upgrade paths if you plan to use an external monitor with your housing:

1 | Upgrade at time of purchase

Contact Ikelite or your local Authorized Ikelite Dealer to purchase a housing with the M24 accessory port pre-installed. There is an additional US\$200 surcharge to add this feature. As this is a special order item, please allow at least 3-4 weeks. Due to high demand, we are not able to complete rush requests at this time.

2 | Upgrade after purchase

Eligible housings may be returned to Ikelite for the installation of the M24 accessory port at a cost of US\$300 plus return shipping.

3 | Upgrade at time of service



Save US\$100 over the after purchase upgrade price by having your housing serviced at the same time. Service includes replacement of the seals, electrical test, controls check, and water pressure test. The total cost is US\$400 plus return shipping.

The fees listed above include machining of the housing, installation of the accessory port plug, and water pressure test. The fees listed do not include any repairs or replacement parts that may be required. A complete estimate is provided before any work is done. Please allow at least 4-5 weeks turnaround time. Due to high demand, we are not able to complete rush requests at this time.

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Meet Me Underwater by Michael Patrick O'Neill

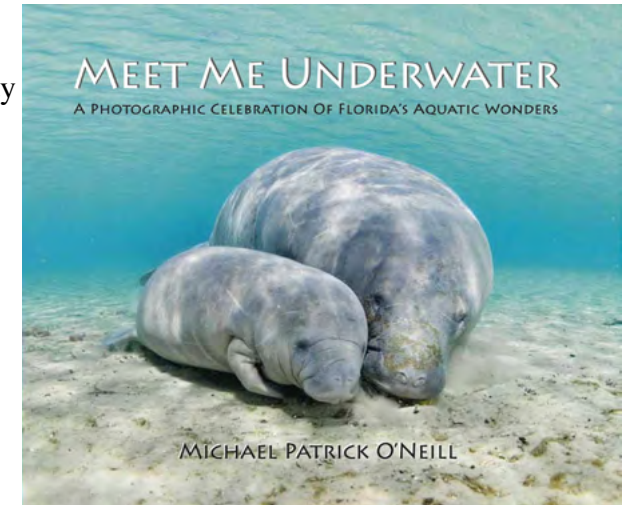
Scheduled for publication in September 2021, Meet Me Underwater is a premium quality photography book showcasing the Sunshine State's watery wonders, from coral reefs and springs to the Everglades and beyond.

Like my previous seven books, it's designed to encourage people of all ages to have a greater appreciation for the environment, especially Florida's, under incredible strain as the state's population continues to grow by leaps and bounds.

Anybody who has been to Florida, or has a little Florida "in them", will certainly enjoy this book.

When not making photographs or writing, I'm on the lecture circuit promoting a greater appreciation for the natural world, especially the oceans and their inhabitants. In the last 17 years, I have presented to over 500,000 kids in more than 400 schools in the US, France and Brazil, my home country.

My images have appeared in hundreds of publications worldwide including BBC Wildlife, National Geographic Magazine, The New York Times, Wall Street Journal, The



Journal Nature, among many others, and have won the most prestigious competitions, including World Press Photo, Wildlife Photographer of the Year and Pictures of the Year (POYi).

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The Whales of Tonga

by Tim Rock

Internationally published author TIM ROCK has made numerous trips to Tonga and shares his insights into how to enjoy swimming with humpback whales. Humpbacks are magnificent Pacific nomads that migrate each year between Antarctica and Tonga, which is one of the few places in the world where visitors can legally swim with these amazing giants of the sea. The stunning 170 islands of Tonga offer adventure, culture, wonderful nature and of course, marine mammals galore. Humpbacks are one of the most surface-active whales in the world and sometimes launch themselves from the sea in spectacular breaches.

This book is a bit of a new departure for author Tim Rock, who usually produces guides to famous scuba diving destinations. While Tonga does have some amazing

scuba diving, in this book, Rock concentrates on viewing and interacting with humpback whales and the things one might experience during a Tonga whale season.

This unique offering looks at many aspects of Tongan humpback whale behavior, from their great annual migration to life among the “Happy Isles”. He has tips for above and underwater whale photography and tells fascinating tales of his personal experiences while swimming with humpbacks and folk he has encountered in the islands.

See over 175 amazing images of humpback whale behavior, heat runs, mating sessions, mother and calf interactions, Tongan life and the beauty of the islands. This full color book explores each one of Tonga’s island groups from south to north.

Amazon Print Book:

<https://www.amazon.com/dp/B099T7STTH/>

Apple E-Book:

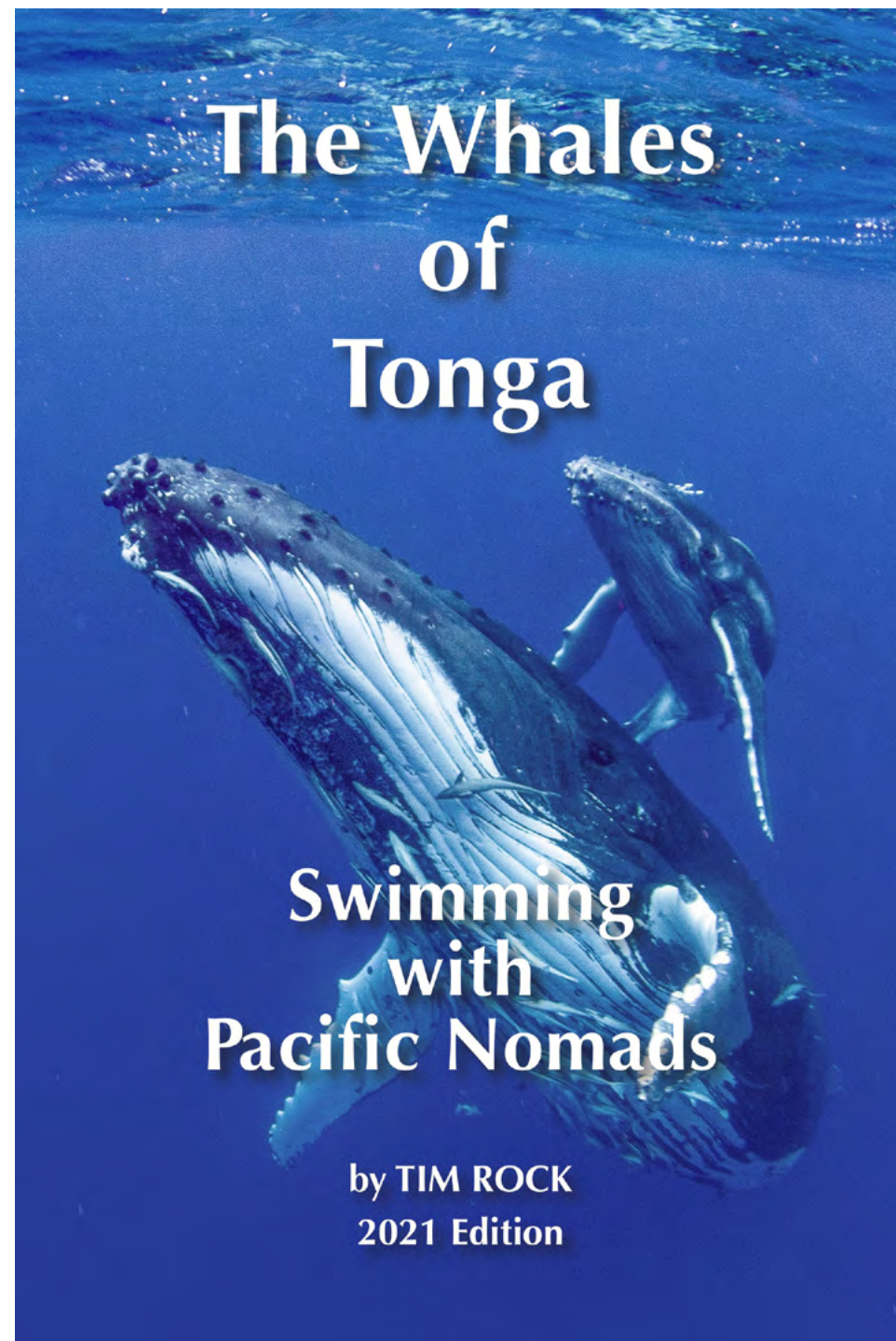
<https://books.apple.com/us/book/the-whales-of-tonga/id1576308268>

Blurb Print & E-Book:

<https://www.blurb.com/b/10782992-the-whales-of-tonga>

Kindle Fixed Format e-book:

<https://www.amazon.com/dp/B099RL2XGJ/t>



Whale Sharks

Biology, Ecology, and Conservation

Edited By Alistair D.M. Dove,
Simon J. Pierce

Whale sharks are the largest of all fishes, fascinating for comparative studies of all manner of biological fields, including functional anatomy, growth, metabolism, movement ecology, behavior and physiology. These gentle ocean giants have captured the interest of scientists and the imagination of the public, yet their future is uncertain. The conservation status of whale sharks was upgraded to Endangered on the IUCN Red List and the species faces a range of intense threats from human activities. Can these iconic living animals, who have survived for millions of years, survive us?

Written by the world's leading experts in whale shark biology, ecology, and conservation, *Whale Sharks: Biology, Ecology and Conservation* is the first definitive volume about the world's biggest fish. Chapters include discussions of satellite-linked tags, used to track whale shark movements; genetic sequencing, to examine

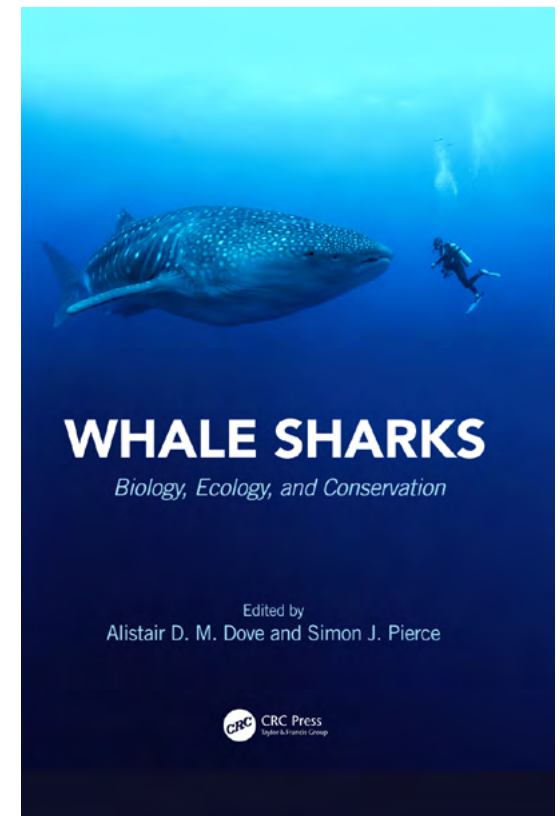
evolutionary adaptations; even the use of underwater ultrasound units to investigate the species' reproduction. The editors hope that by collating what is known, they can make it easier for future researchers, conservationists, and resource managers to fill some of the remaining knowledge gaps, and provide the information they need to join the team.

As you work your way through this book, we hope that you will develop a sense of awe and marvel at all of our good fortune to share the ocean, and the planet, with this utterly extraordinary species.

Alistair D.M. Dove Ph.D. is a broadly trained marine biologist and currently Vice President of Science and Education at Georgia Aquarium in Atlanta, USA, where he oversees international research programs on whale sharks, manta rays, coral reefs, sharks and dolphins. Alistair graduated from the University of Queensland in Brisbane, Australia

with a B.Sc. Honours first class in 1995 and a Ph.D. in Microbiology and Parasitology in 1999, for which he was awarded a University Medal and Dean's List commendation. His early research focus was on parasites and diseases in freshwater and marine environments, but after a period studying diseases of lobsters, he began focusing on the biology and ecology of whale sharks after moving to Georgia Aquarium in 2006.

Simon J. Pierce Ph.D. is a co-founder and Principal Scientist at the Marine Megafauna Foundation, where he leads the global whale shark research and conservation program. Simon is also a Co-Chair for the Sub-Equatorial Africa region within the IUCN Shark Specialist Group, a Science Advisor to the Wildbook for Whale Sharks global database, and a founding board member of the Sawfish Conservation Society. Simon holds a BSc in Ecology from Victoria University of Wellington in New



Zealand, and a BSc (Hons, 1st Class) and doctoral degree in marine biology from The University of Queensland in Brisbane, Australia. Simon began working with whale sharks in Mozambique in 2005, and now leads or collaborates on conservation biology and population ecology research programs across the world.

www.routledge.com/Whale-Sharks-Biology-Ecology-and-Conservation/Dove-Pierce/p/book/9781138571297#

Two Worlds: Above and Below the Sea

by David Doubilet

Phaidon is pleased to publish *Two Worlds: Above and Below the Sea*, from legendary photographer David Doubilet.

The ocean covers more than 70 percent of our planet, and yet we rarely glimpse its depths. Doubilet has spent decades working to change that by documenting and revealing the exquisite beauty of the ocean's depths. His work in and on the water has set the modern standard for underwater photography. 'I want to create a window into the sea,' he says, 'that invites people to see how their world connects to another life-sustaining world hidden from their view.'

Born in New York in 1946, Doubilet is a long-time contributor to *National Geographic* magazine with over 75 stories since he first joined the organization in 1972. Doubilet enters the ocean as a journalist, artist, and explorer. He has spent over 27,000 hours beneath the surface since he first put his Brownie Hawkeye camera in an anaesthetist's rubber bag and jumped off a jetty at the age of 12.

Two Worlds: Above and Below the Sea features Doubilet's signature images drawn from his entire



underwater career; they span Papua New Guinea to Grand Cayman Island, the icy waters of the Antarctic Ocean to the tropical Great Barrier Reef.

With these remarkable photographs, Doubilet aims to capture the unique viewpoint at the surface of the water that shows the world above and below in a single frame.

His journey reveals rare sea creatures, corals, plant life, and the underwater landscape's striking hues. These photographs are not only breathtaking – they also highlight important issues about marine conservation and climate change.

Pre-order now. This title will ship from September 9th, 2021.

www.phaidon.com



Issue 122/22

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