

Reshark

















An international, collective effort to recover threatened sharks and rays around the world

ACTIVE PROJECTS



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COVER

Accompanied by high school students from SMKN 3 Raja Ampat, Taran, Charlotte, and Dawn were released in South Misool, marking the start of the StAR Project Indonesia's 2024 release season. Photo by Pambajeng Putro.

EDITOR

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PHOTOGRAPHY

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Dr. Mark Erdmann trains the Misool Foundation aquarist team in acoustic tracking



Misool Foundation aquarist team shares a moment before releasing Taran, Charlotte, and Dawn



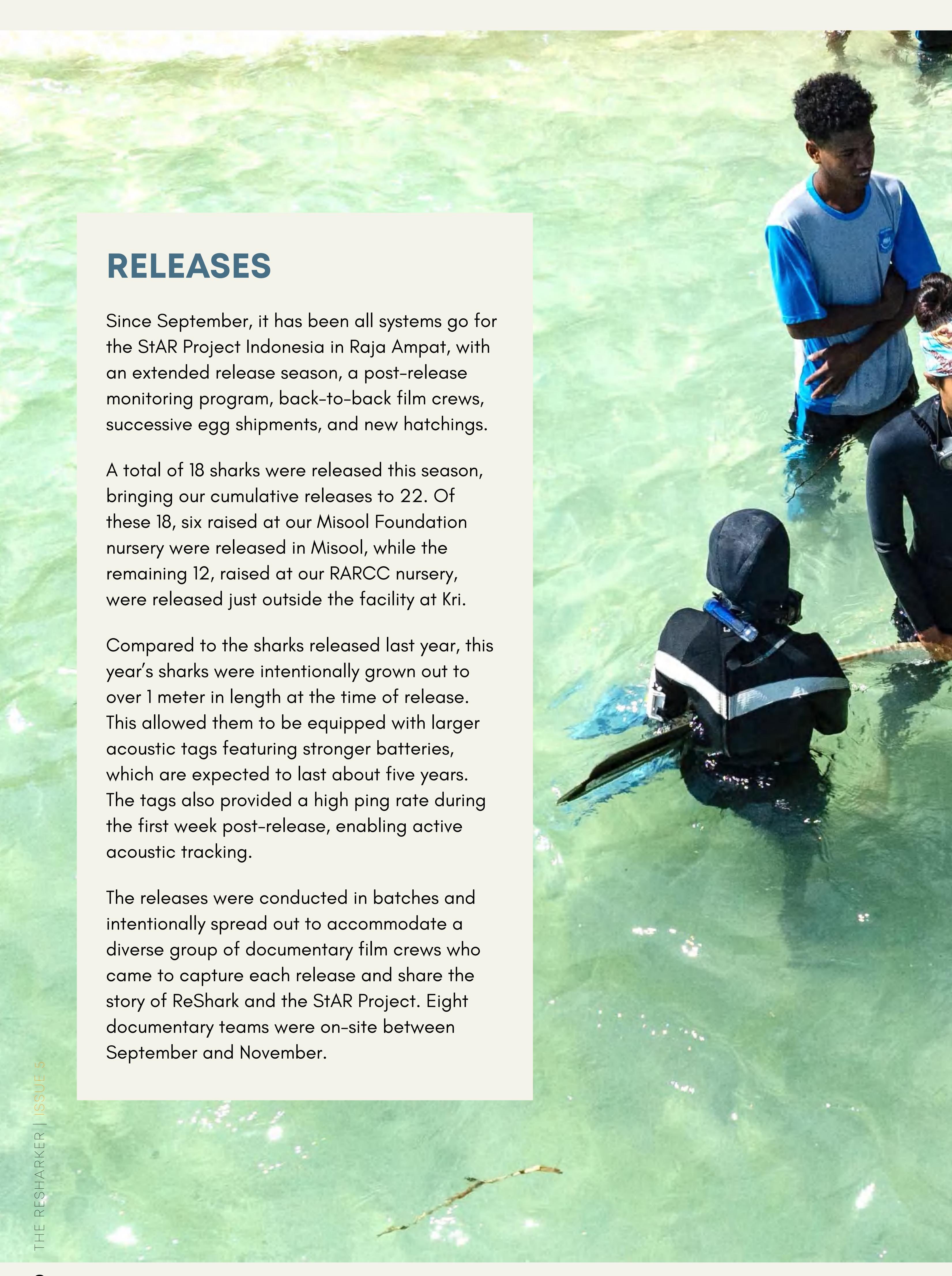
Team Misool after a busy day of releases: Pambajeng Putro, Agi Zalma, Revata Dharani Sofjan, Aisya Ramadhani Alpian, Virly Yuriken, Nesha Ichida, Dr. Mark Erdmann, Dr. Jaya Ratha, and Ayub Markus (left to right)



Team RARCC out in full force during a veterinary training visit by Dr. Paolo Martelli and nurse Chilli Chan from Ocean Park Hong Kong



RARCC aquarist Anggi Aenun feeds a pup in the sea pen



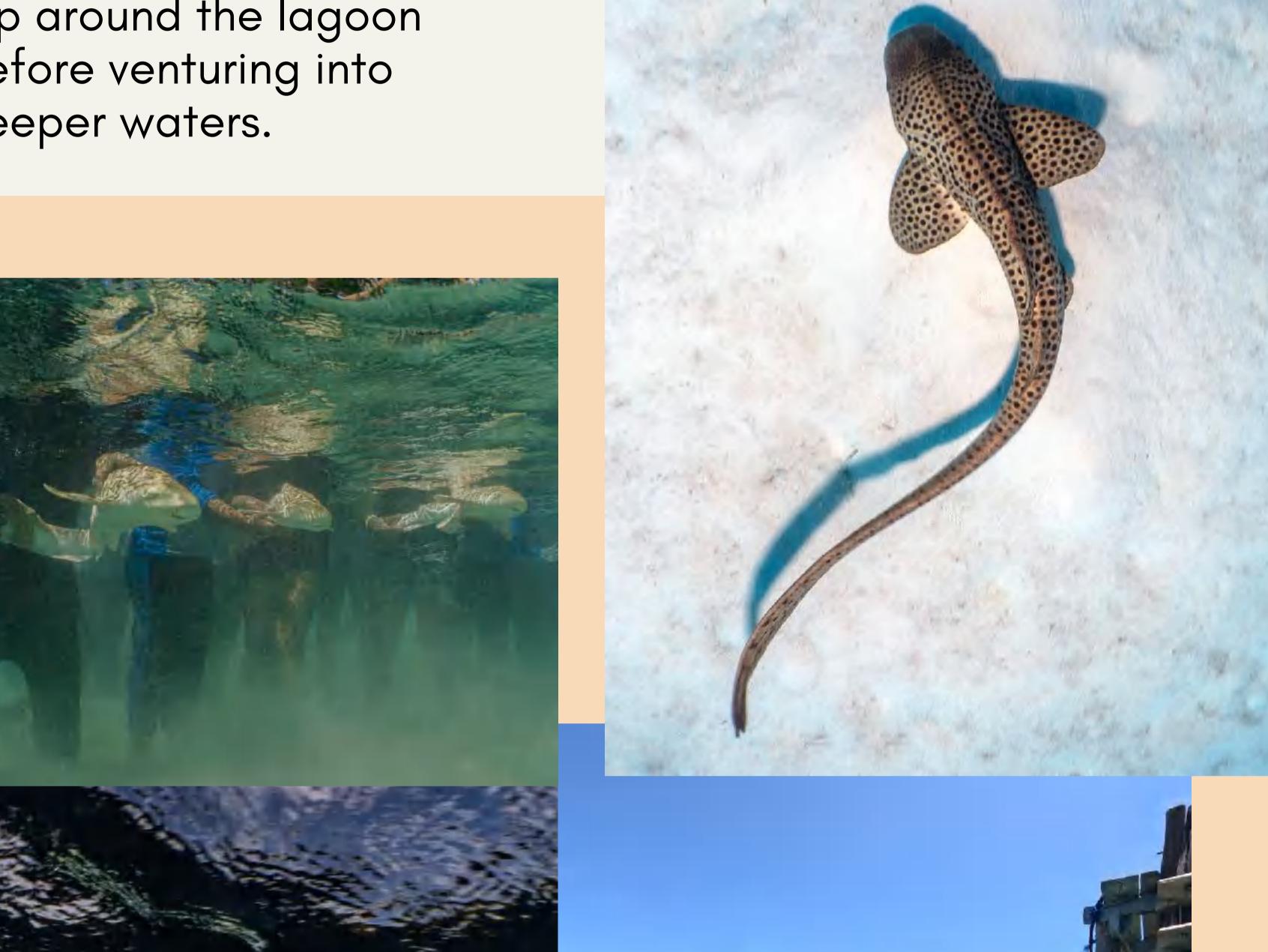


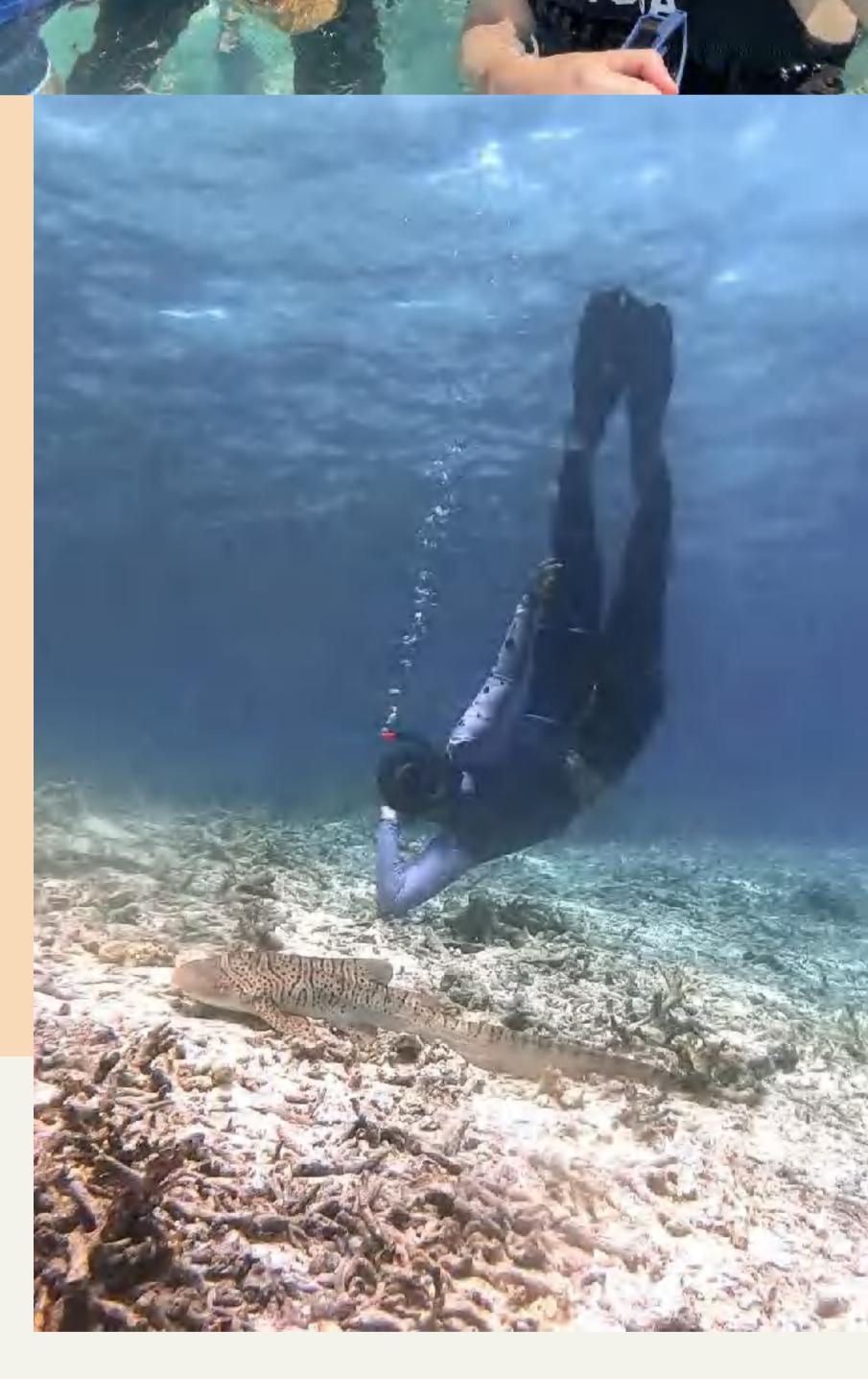
ROUND 1

SEPT. 15, 2024

Taran, Charlotte, and Dawn kicked off our season with their release in the shallow lagoon near Misool Resort. Students from SMK Negeri 3 Raja Ampat joined the event. The sharks fanned out in different directions, embarking on a marathon lap around the lagoon before venturing into deeper waters.









ROUND 2

SEPT. 18-20, 2024

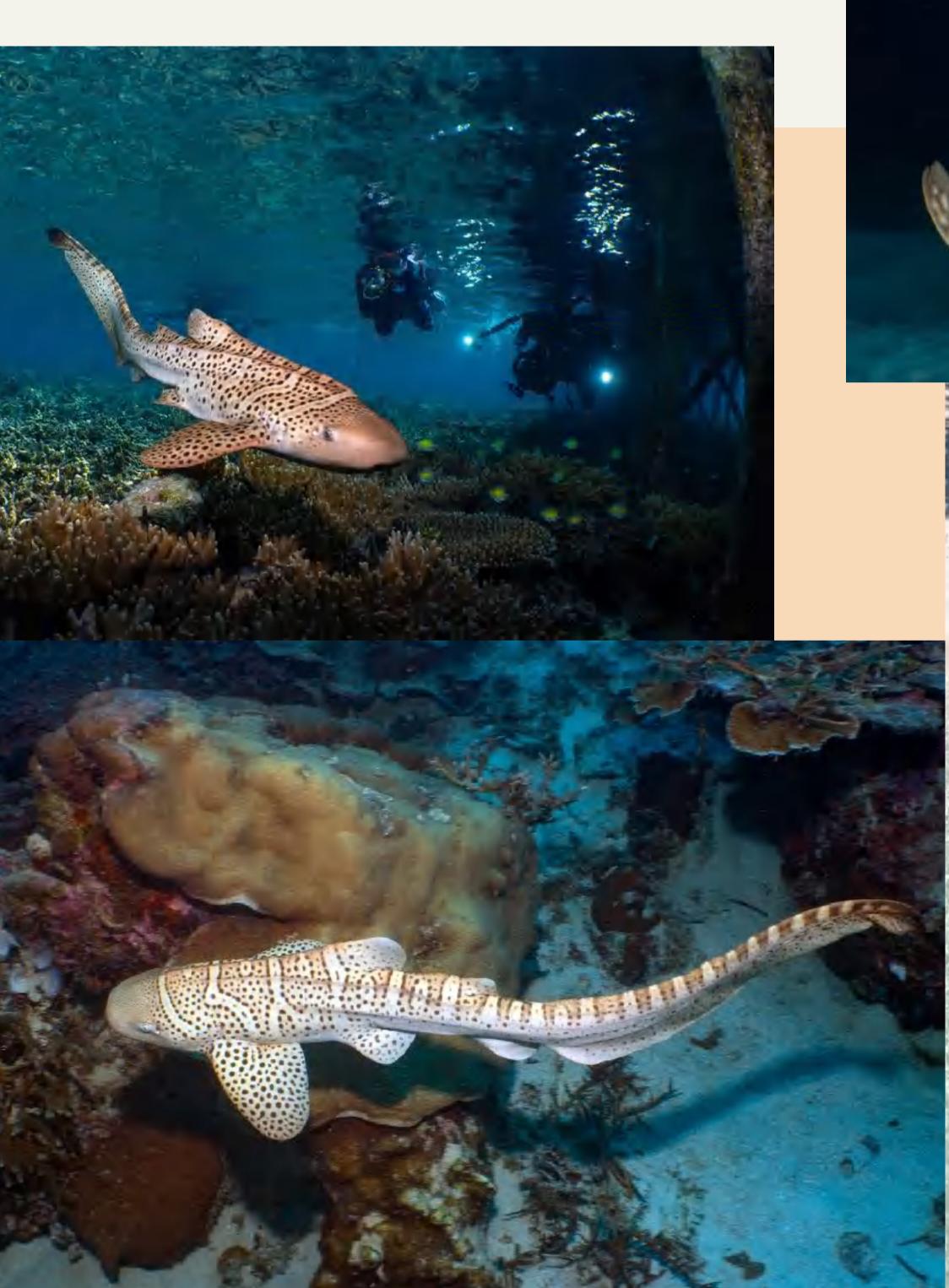
Next up were **Buddy**, **Camille**, and **Seren** from our RARCC nursery, released on consecutive days at Kri Island, just beside the nursery. Local children from Child Aid Papua and Barefoot Conservation, both active contributors of food for our shark pups, were there to witness the releases.

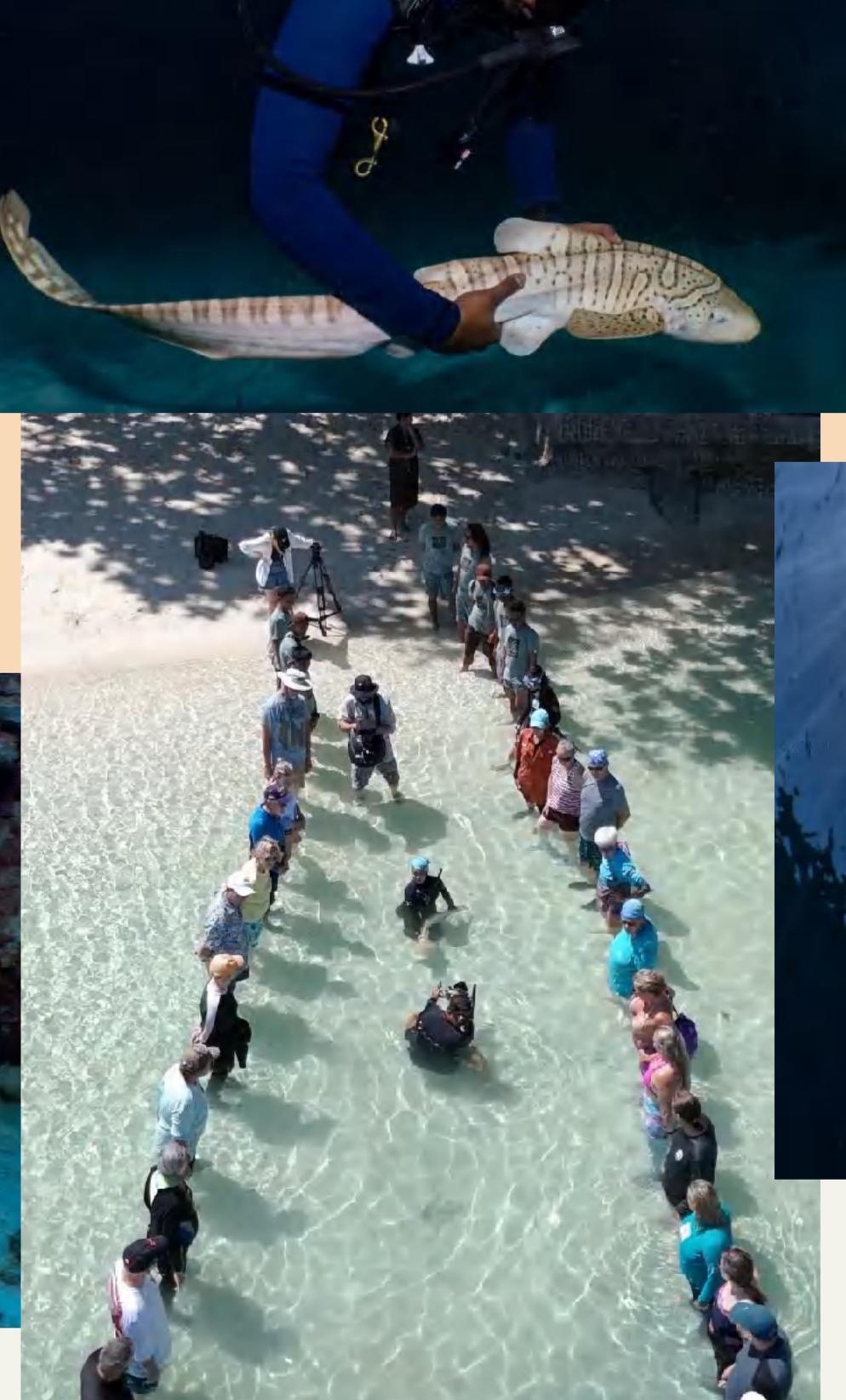
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ROUND 5

OCT. 28-30, 2024

We then returned to Misool, where **Kris**, **Lydia**, and **Claudio** were released, marking a milestone of 20 leopard sharks released to date. Guests from Misool Resort joined us for Lydia's release, making it an especially memorable occasion.







ROUND 6

NOV. 12-30, 2024

Closing out this year's release season, the RARCC aquarist team bid a heartfelt farewell to Wooly and Fijubeca.

ROUND 4

OCT. 23-25, 2024

Our releases at Kri continued with the next trio — **James**, **Jill**, and **Ethan**. Each spent time exploring the nearby shallow reef flats and seagrass beds before venturing out into the open blue. We were delighted to have the Raja Ampat MPA Management Authority join us for post-release monitoring.

TRACKING SUCCESS THROUGH POSTRELEASE MONITORING

According to IUCN conservation translocation guidelines, a critical part of any translocation is a robust post-release monitoring program to ensure released animals are surviving and contributing to species recovery. While tracking terrestrial animals is achievable with satellite tags, radio collars, and aerial surveys, monitoring wide-ranging marine species like leopard shark pups presents significant logistical challenges.

Passive acoustic telemetry offers a solution and is now being used in Raja Ampat. This method involves surgically implanting acoustic tags in each pup about a month before release. These tags transmit a unique frequency identifier, which is picked up by an array of underwater acoustic receivers. The receivers are strategically placed at reef sites within a roughly 10-kilometer radius around two release sites — one in the Dampier Strait and another in Southeast Misool. Each tag has a battery life of about five years, and when a tagged pup comes within 500 meters of a receiver, the tag's ID is recorded in the receiver's data log.





Dr. Jaya Ratha and the RARCC aquarist team conducting an acoustic tag surgery



Reviewing initial post-release monitoring data from the Dampier Strait



Currently, 26 receivers are stationed around the RARCC nursery along the Dampier Strait, while 14 receivers monitor the area in Southeast Misool. In mid-November, data from all receivers in both locations was downloaded, yielding highly encouraging results.

Of the six pups released at Misool in 2024, all six were detected by the receiver array for periods of 1 to 4 days after release. The data suggests the pups later moved beyond the range of the receivers. Notably, four of the six pups last pinged on the westernmost receiver before disappearing from the array, indicating they ventured beyond the limits of the current coverage.

At the RARCC site, 10 pups were released before the November 2024 data download. Five of these pups were detected by the receiver array for periods ranging from 1 to 26 days. Two pups, in particular, provided fascinating movement data.

Jill pinged the receiver closest to the RARCC nursery upon release but then vanished from the array for two weeks. She reappeared around Cape Kri, pinging the receiver there for a day before disappearing again. A week later, she was detected across from the nursery, giving a total track of 24 days.

Karen provided the longest track, remaining within the receiver array for 26 days. Her movements revealed repeated trips along a 3– to 4–kilometer stretch of coastline between Cape Kri and the eastern tip of Mansuar Island.

These preliminary results provide strong evidence that the released pups are able to forage successfully in the wild. Leopard shark pups don't need to feed immediately after release, but tracking data showing movements up to 24 and 26 days post-release strongly suggests they have eaten multiple times and are adapting well to life in the wild.

The data also highlights the need to expand receiver coverage. With four pups at Misool and several pups at RARCC moving beyond the limits of the array, extending the listening range to 15 to 20 km from the release sites could allow for longer, more detailed tracks. Plans are already in place to add more receivers in early 2025, with the next data download scheduled for February 2025. Stay tuned for more updates as we continue to track the journeys of these remarkable pups and refine our monitoring efforts to support their survival in the wild.



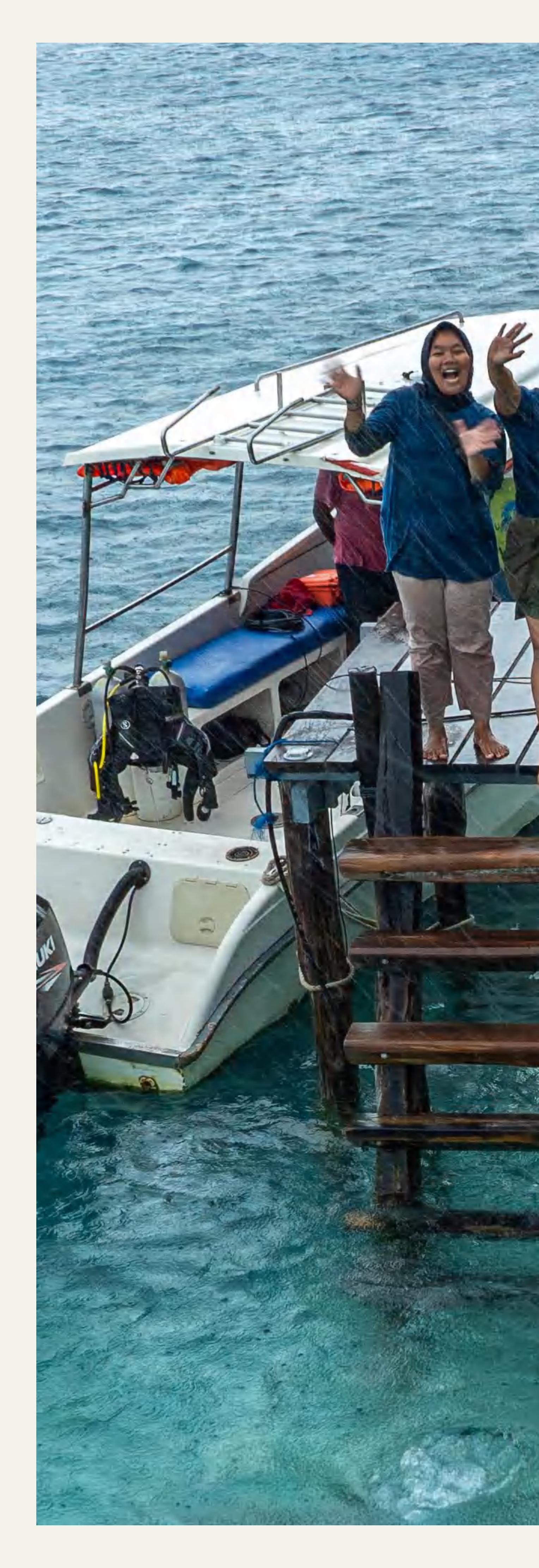


EXPANDING PARTNERSHIPS ALONG THE DAMPIER STRAIT

The Dampier Strait, nestled in the heart of Raja Ampat, serves as a vibrant marine corridor between the islands of Waigeo and Batanta. Renowned as a hotspot of marine biodiversity, it is also emerging as a gateway to conservation action. At its entrance lies Kri Island, home to the RARCC nursery.

Raja Ampat communities have long championed conservation, yet external pressures persist. Nesha Ichida, Program Manager for the StAR Project Indonesia, sees the StAR Project as a transformative initiative to reconnect local communities, especially younger generations, with their environment. "This project is filled with hope, conservation optimism, and local pride," she explains. Outreach programs in schools, villages, and the tourism sector work to inspire a love for sharks and their habitats. Indeed, leopard sharks are emerging as a flagship species here, rallying community-driven conservation efforts.

A key element of this connection involves engaging children and villagers in practical conservation efforts, such as collecting snails and clams for the sharks — an activity that fosters participation and contributes to livelihoods. Future plans include offering nursery tours to local schools along the Dampier Strait and in South Misool, introducing shark- and ray-focused curricula, and partnering with homestays and resorts to bolster citizen science. Other initiatives include village movie screenings, informational boards, and more internship opportunities prioritizing local youth.





Conservation International's Dr. Mark Erdmann underscores the importance of involving communities, particularly children, in shark conservation. Recently, young participants from Child Aid Papua and Barefoot Conservation have helped to collect and deliver food for the juvenile sharks at the RARCC nursery and taken part in their releases. "Having local kids directly involved is vital," he explains.

"Such collaborations are invaluable for the local children," shares Maya Puspa Dewi, Indonesian Director of Child Aid Papua. "Hands-on experiences like these help them understand

the importance of sharks in the ocean and recognize that every species matters. These activities also inspire them to continue engaging with local conservation initiatives and take action to protect sharks."

By fostering connections between people and sharks, the StAR Project continues to create opportunities for villagers and children to witness the full life cycle of sharks — from birth to release — and even encounter them in the wild. This holistic approach strengthens community ties and paves the way for a sustainable conservation legacy.





Where's the food coming from?: Map of communities and organizations along the Dampier Strait contributing feed for the juvenile sharks at the RARCC nursery



BRINGING SHARKS INTO CLASSROOMS IN MISOOL

In southern Raja Ampat, the Misool Marine Reserve, recognized for its high level of protection and biodiversity, has become a cornerstone of the StAR Project. Selected as one of two sites for the project's nurseries and releases, the reserve is managed by the Misool Foundation, a founding partner of ReShark.

Established in 2011 as the non-profit arm of Misool Resort, Misool Foundation employs over 50 staff, including rangers stationed at three dedicated outposts, to oversee the 300,000-acre privately funded marine reserve. Its mission focuses on safeguarding some of the world's most biodiverse reefs by empowering local communities. Through programs in marine governance, waste management, and species conservation, the foundation has created a robust conservation model. Its partnership with ReShark aligns with these goals, opening new doors for environmental education outreach.

Misool Foundation's outreach efforts include a strong focus on educating local youth. Collaborating with three high schools in nearby villages — SMAN 4 Raja Ampat in Lilinta, SMKN 3 Raja Ampat in Dabatan, and SMAS Guppi Raja Ampat in Fafanlap — the foundation conducts environmental education programs designed to inspire the next generation of conservationists.

Students participate in activities such as field trips to the reef restoration area at Kalig, home to one of the foundation's ranger stations and the newly constructed sea pen. The sea pen provides hands-on learning opportunities where students can observe marine conservation in action. Presentations by Misool Foundation aquarists Agi Zalma and Aisya Ramadhani Alpian, alongside StAR Project interns, offer insights into ReShark and the day-to-day work involved in caring for juvenile sharks. These sessions include demonstrations of shark measurements and other essential tasks.







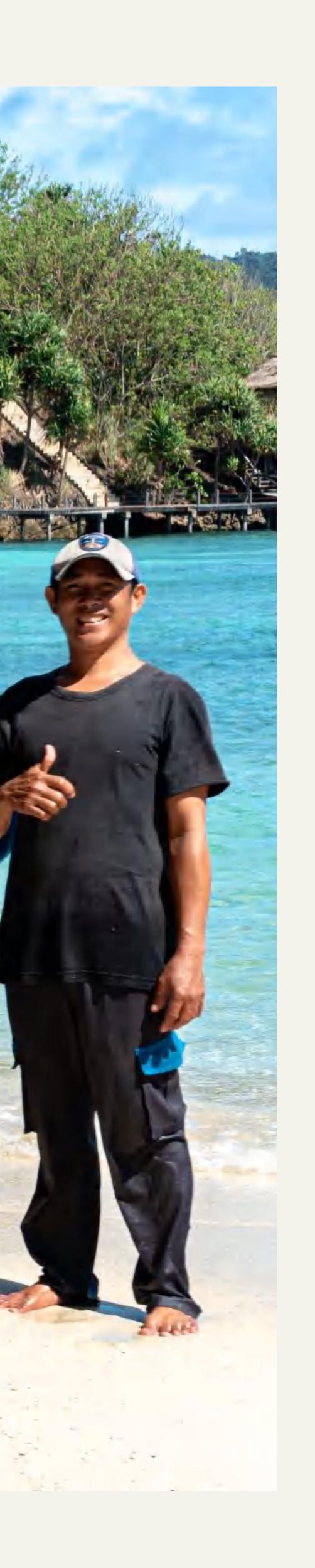


Misool Foundation aquarist Agi Zalma delivers a talk



Dr. Mark Erdmann shares about ReShark with guests at Misool Resort





We hope these experiences inspire the students to see sharks as a vital part of the ecosystem. Such engagements can encourage them to learn more about conservation and consider careers in the field.

Virly Yuriken Chairperson, Misool Foundation

Earlier this year, students from SMAN 4
Raja Ampat attended a special event
shortly after the completion of the new
sea pen. They were given a presentation
by Agi and Aisya and toured the sea pen
to witness the sharks up close. Lince
Kendi, Misool Foundation's outreach
coordinator, reflected on the students'
enthusiasm.

"They never expected to visit the sea pen. Their excitement skyrocketed when they saw the aquarists bring a shark to the surface to measure its length and weight," Kendi shared. "Some of the students even expressed interest in assisting. On the way back, they couldn't stop talking about the experience and kept asking when they could see the sharks swimming freely again."

Virly Yuriken, Chairperson of Misool Foundation, emphasized the significance of these interactions. "We hope these experiences inspire the students to see sharks as a vital part of the ecosystem," she said. "When populations decline, it takes hard work to restore balance.

Such engagements can encourage students to learn more about conservation and consider careers in the field."

This year's release season offered another unforgettable opportunity. High school students from SMKN 3 Raja Ampat and their teachers joined the release of Taran, Charlotte, and Dawn. Two students were even given the honor of holding and releasing the sharks themselves — a first-time experience they described as life-changing. One participating teacher expressed gratitude for the experience and shared it enthusiastically with colleagues, sparking widespread interest in future involvement.

Misool Foundation's efforts are creating a ripple effect, inspiring students and staff to share their experiences and fostering a growing curiosity about conservation within local communities. "We've seen an increase in excitement about conservation among the students, and that has left a lasting impression on our team," said Kendi.

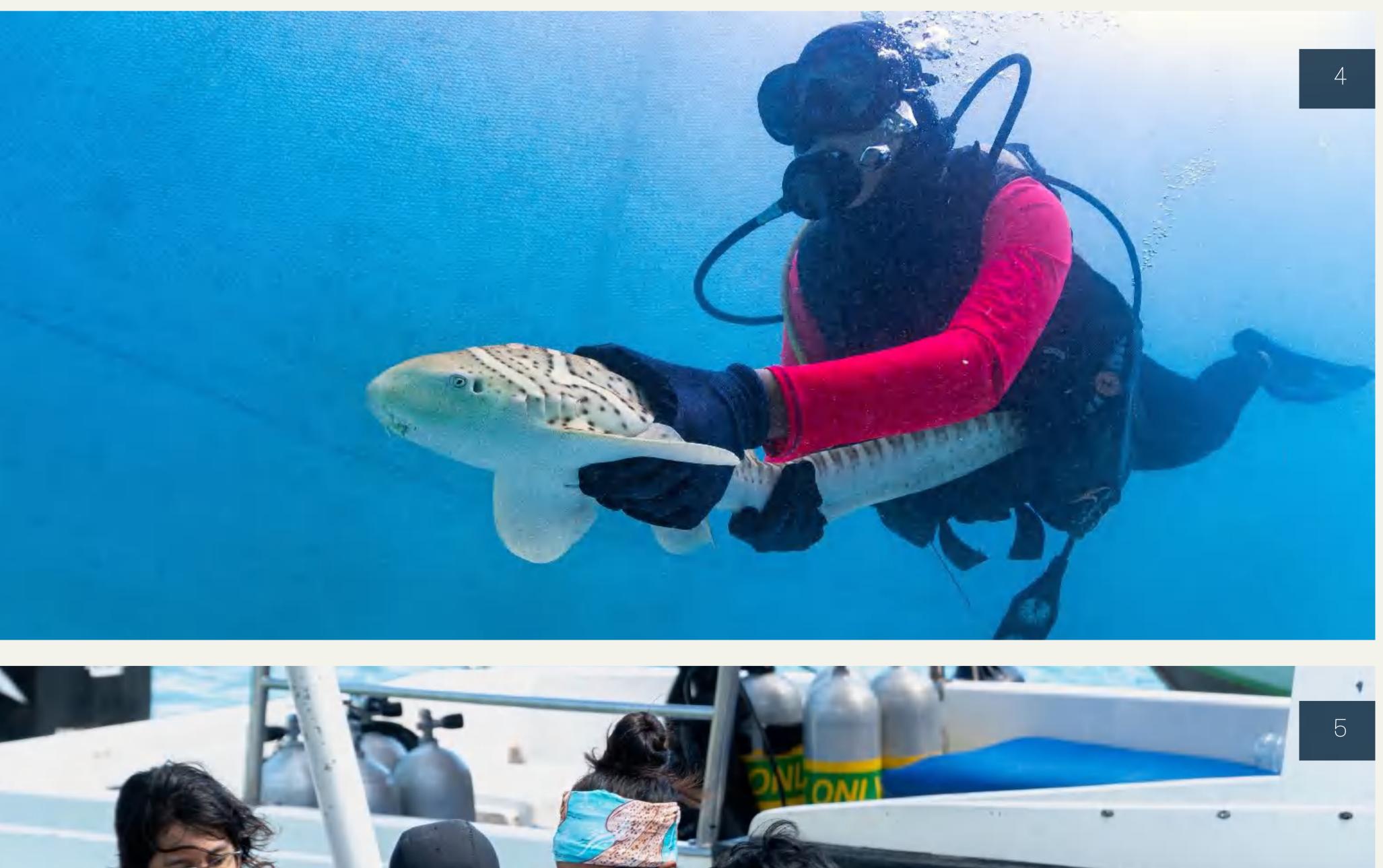






- 1. Anggi Aenun (right) receives an orientation on her first day of internship, which she has since completed and been promoted to full-time aquarist
- 2. Emma Batty Sukerta (right) and Anggi Aenun (center) help measure the sharks
- 3. Eran Wehelmina Sauyai is our very first intern from Raja Ampat
- 4. Annisa Fathya assists with transporting the sharks into the sea pen at Misool
- 5. Revata Dharani Sofjan (left) joins in for post-release monitoring
- 6. Faccettarial Cylon Marchel Marlissa was the StAR Project's very first intern

IMMERSIVE INTERNSHIP OPPORTUNITIES FOR INDONESIAN YOUTH







To provide hands-on experience and a stepping stone for Indonesian youth passionate about marine conservation, we launched the StAR Project internship program this year. Our first intern, Faccettarial Cylon Marchel Marlissa (Rial), joined the program in April and completed a three-month internship at the Misool Foundation nursery. He shares his detailed experience on our blog. Since then, we've welcomed eight interns and counting, with representation from all five of Indonesia's main islands.

During the two- to three-month program, interns are based at one of our nurseries, assisting full-time aquarists with daily animal husbandry tasks such as feeding and measuring sharks, data entry, engaging with visitors, and participating in release and post-release monitoring efforts.

efforts are based in Raja Ampat, we are focused on recruiting more local Papuans as interns, working closely with Universitas Papua and the Raja Ampat Women Divers Association (MORA) to achieve this. Recently, we were proud to welcome our first intern from Raja Ampat, Eran Wehelmina Sauyai, at the RARCC nursery.

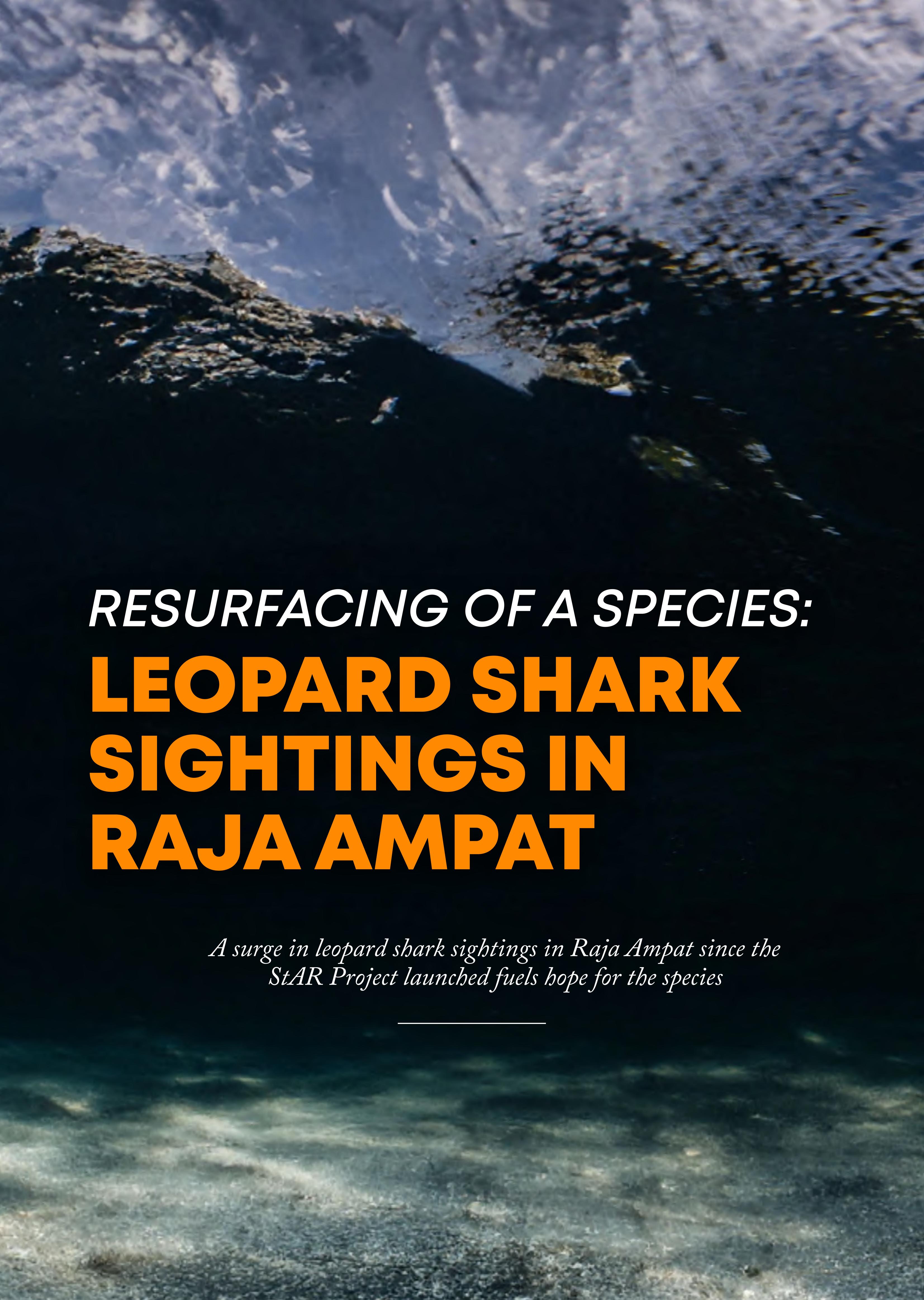
As the StAR Project Indonesia's repopulation

After completing their internships, participants have gone on to finish university studies or take the next steps in their conservation careers. Notably, Anggi Aenun, a former intern, was promoted to a full-time aquarist at our RARCC nursery. Check out our latest short film to see what our interns accomplished during this past release season and hear about their experiences

Rial: ReShark provides
a valuable opportunity for youths
in Indonesia to learn more about sharks
and get a hands-on conservation
experience. I hope other young
professionals like myself can similarly
attain these meaningful experiences
and make a positive impact
in conservation.

Emma: I feel incredibly fortunate to have come onboard during such a busy and dynamic stage of the project. Contributing to every stage of the process in such a short time has been an incredible experience!

Annisa: This internship has been an unforgettable experience. Interacting directly with zebra sharks, caring for them, ensuring their health, and watching them grow week by week has been incredibly rewarding.





PRESENT STATE OF LEOPARD SHARKS IN RAJA AMPAT

Previously considered functionally extinct in Raja Ampat waters, the Indo-Pacific leopard shark (*Stegostoma tigrinum*) is showing promising signs of a comeback, thanks to the StAR Project. Before the project began, leopard sharks (or "stegs") were only occasionally seen, with surveys spanning over 15,000 hours across 20 years yielding just three individuals in the region's vast seven million hectares.

An initial population viability analysis (PVA) conducted prior to the StAR Project described Raja Ampat's leopard sharks as "a very small remnant population at low density."

Conservation assessments led by Dr. Mark Erdmann and Dr. Gerry Allen indicated sporadic sightings, primarily due to the area's high scuba diving activity. "There is no evidence of regular reproduction or detectable population growth," Erdmann observed, estimating fewer than 20 individuals across the archipelago.

Dive guides from Misool also reported isolated sightings, averaging only one individual per year, with no indications of a breeding population. This bleak outlook underscored the need for the StAR Project, which initiated its first reintroduction of young leopard sharks on January 13, 2023, in Wayag lagoon.

Since then, more than 20 leopard shark individuals have been successfully released into the waters of Raja Ampat.





While no population estimates are available, these sightings are infrequent and suggest a very small remnant population [of Indo-Pacific leopard sharks] at low density. There is no evidence of regular reproduction or detectable population growth. A reasonable estimate by species experts involved in this project is about 20 individuals spread throughout the approximately six million hectares of the Raja Ampat archipelago.

Population Viability Analysis (PVA) Report

May 2021

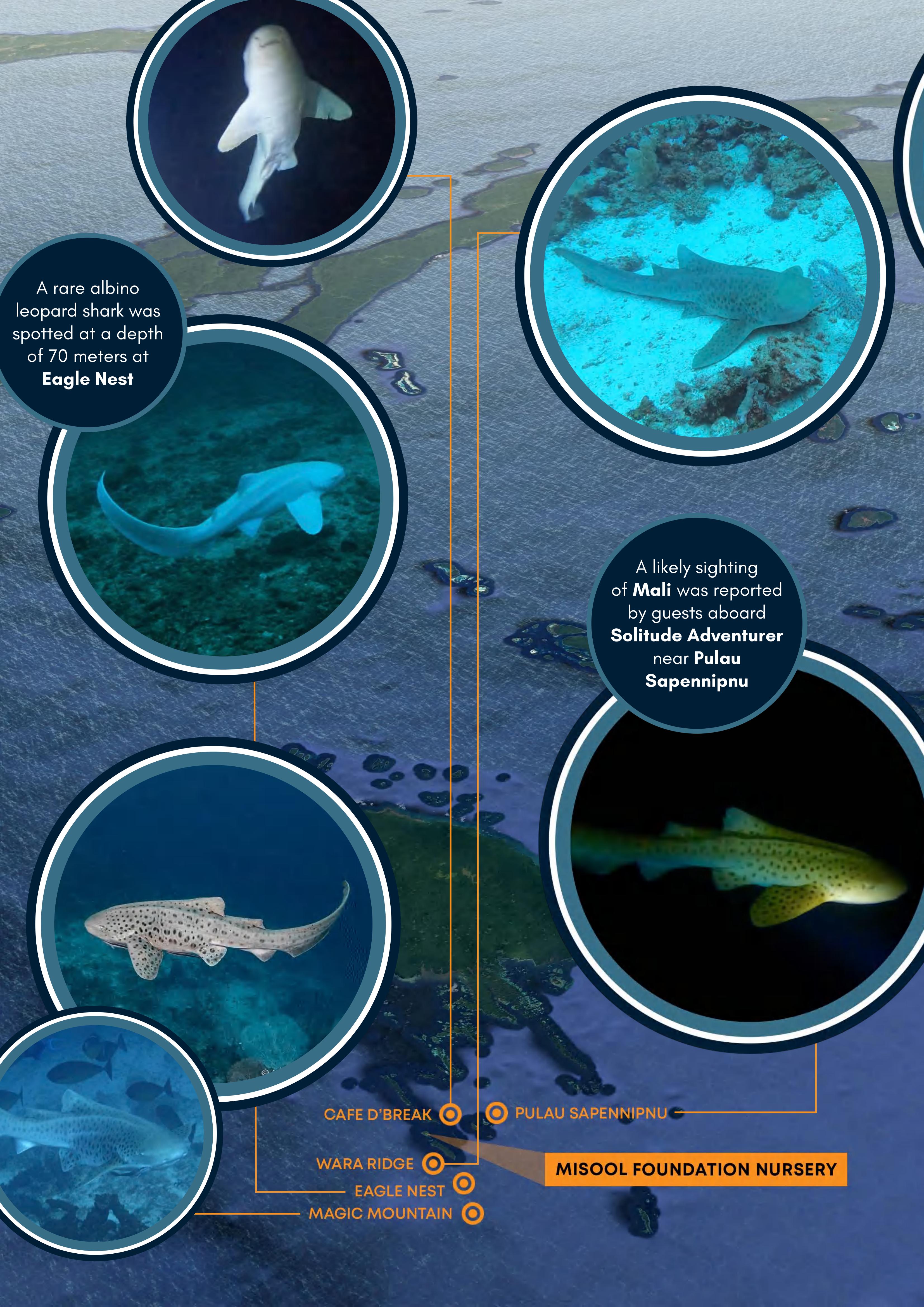
INCREASE IN SIGHTINGS SINCE Star PROJECT

Since the reintroductions began, sightings of stegs have risen substantially, boosted by a focused outreach campaign encouraging local fishers, divers, and visitors to report sightings of newly released sharks. Additionally, it is speculated that pheromones from the reintroduced juveniles may be attracting remaining adults, suggesting potential for natural reproduction in the future.

To date, fishers, villagers, divers from liveaboards such as Solitude Adventurer and Coralia Liveaboard, and NGO partners including Barefoot Conservation have documented several new leopard shark sightings across Raja Ampat, including in the northern and southern areas near release sites at Wayag and Kri (north) and Misool (south).

Here is a confirmed list of sightings (most with photographic evidence):

- Apr 12, 2015: Eagle Nest
- Nov 8, 2019: Magic Mountain
- Nov 21, 2019: Ayau Besar
- Oct 16, 2019: Magic Mountain
- Apr 22, 2023: Eagle Nest
- Nov 23, 2023: South Misool (Likely Mali)
- Jan 11, 2024: Wayag Lagoon (Likely Charlie, Audrey, or Kathlyn)
- Mar 11, 2024: Wara Ridge
- Mar 24, 2024: Pulau Sapennipnu (Likely Mali; reported by Solitude Adventurer)
- Apr 3, 2024: Cafe D'Break
- Oct 8, 2024: Cape Kri (Confirmed Karen; verified by receiver data)
- Oct 9, 2024: Mios Kon (Likely Marshal, Audrey, or Kathlyn)
- Oct 12, 2024: Kurkapa
 (Confirmed Karen; reported by villagers)
- Oct 30, 2024: Manta Ridge (Reported by Barefoot Conservation)
- Nov 2, 2024: Pulau Yefnabi (Reported by Coralia Liveaboard)







MAPPING SPECIES RECOVERY WITH CITIZEN SCIENCE

With leopard shark sightings increasing in Raja Ampat, the StAR Project is leveraging data from Spot the Leopard Shark (STLS), a citizen science program launched in Thailand in 2013, to study the recovery of local leopard shark populations.

Now integrated with the global Wildbook
Photo-ID database, STLS allows citizen
scientists to submit sightings, enabling
individual identification and observation.
Founded by Dr. Christine Dudgeon, CoChair of the StAR Project Research Working
Group, STLS uses automated matching
technology to help scientists analyze data
on wild and reintroduced leopard sharks.

Each reported sighting through STLS in Raja Ampat (and worldwide) contributes valuable data on movement patterns, population health, and potential breeding behaviors, strengthening the conservation framework that the StAR Project is building to ensure long-term success.

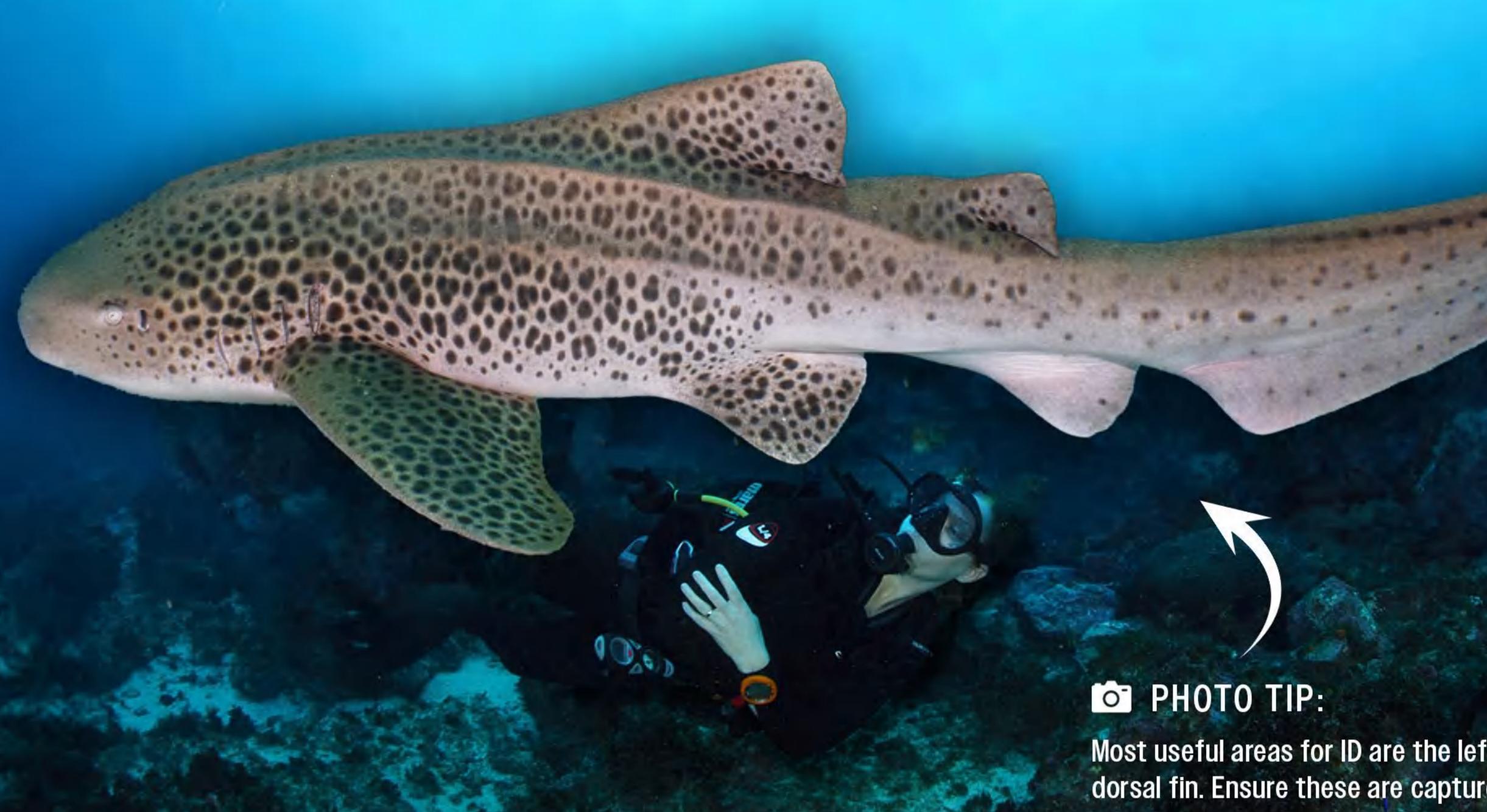
The resurgence of leopard shark sightings in Raja Ampat marks a hopeful turn for a species once nearly lost in the region. As the StAR Project continues ramping up its work, these early successes could pave the way for a full return of the species, enriching the vibrant biodiversity that makes Raja Ampat one of the world's most celebrated marine environments.



CONTRIBUTETO

LEOPARD SHARK RESEARGH

SUBMIT YOUR PHOTO



Most useful areas for ID are the left side and dorsal fin. Ensure these are captured clearly.

SCAN HERE:



Spot the Leopard Shark is a citizen science program that uses photo-ID of leopard sharks (Stegostoma tigrinum), also known as zebra sharks, to assist scientists in investigating their populations, behaviour and longevity.

Submitting your leopard shark photos will help scientists understand more about this endangered species. The data collected over time will also contribute directly to its conservation. Scan the QR code on the left for more information on how to take your photos and upload them to Sharkbook.





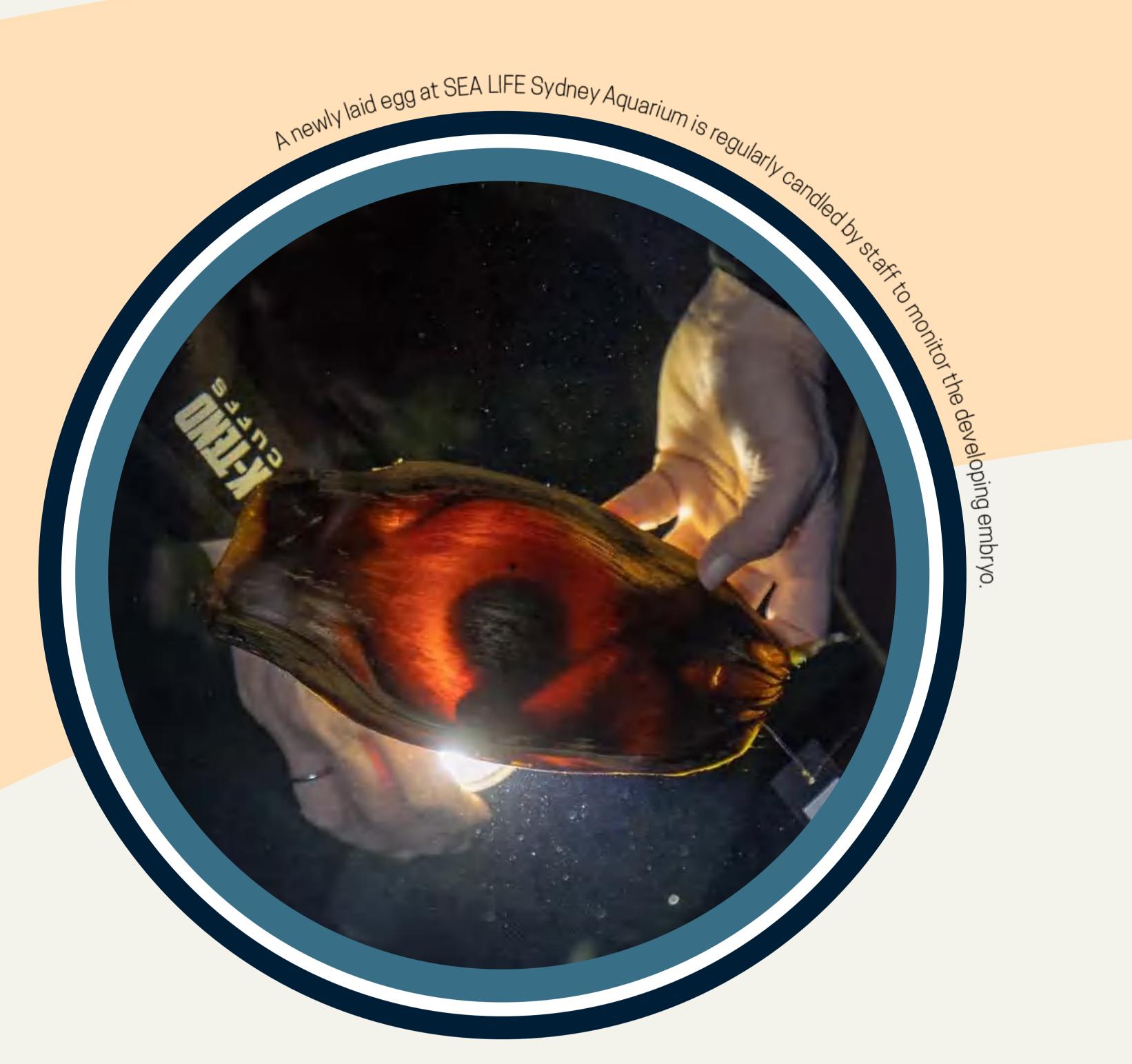


PIONEERING CONSERVATION TRANSLOCATION

The StAR Project is breaking new ground in conservation with its innovative use of ex-situ breeding and translocation to restore threatened shark and ray populations. While similar strategies have been used for species like the California condor (Gymnogyps californianus) and black-footed ferret (Mustela nigripes), nothing of this scale has ever been attempted for elasmobranch rewilding.

What began as a bold idea faced a critical question: Could shark eggs survive long-distance travel? In 2017, New Caledonia's Aquarium des Lagons provided the answer, successfully shipping Indo-Pacific leopard shark (*Stegostoma tigrinum*) eggs to Chicago's Shedd Aquarium.

This groundbreaking achievement became the blueprint for today's global egg shipments to Indonesia, where the hatchlings are raised in *in-situ* nurseries before returning to the wild.



ADDRESSING GENETIC CONCERNS

Not all leopard sharks in aquariums make the cut as breeders. Ensuring the genetic integrity of the program is paramount. Before an aquarium joins as an accredited breeding institution, extensive genetic testing is conducted to address concerns about outbreeding and inbreeding.

Outbreeding concerns focus on population genetics. Released sharks must originate from the appropriate genetic stock. For leopard sharks, global populations are divided into two main sub-populations by the Indonesian Throughflow Current, aligning with the Wallace Line.

As Raja Ampat lies east of this divide, breeding animals must have eastern lineage. Genetic analyses using mitochondrial DNA (ND4) and microsatellite markers verify this provenance. All genetic samples are screened at the Feldheim Laboratory at the Field Museum.



To avoid inbreeding, only breeding pairs with low genetic relatedness are approved. Microsatellite markers are used to identify and exclude pairs that are parent-offspring, siblings, or half-siblings. Parthenogenesis a form of asexual reproduction documented in leopard sharks and other elasmobranchs — is also screened for. Although the mechanism behind parthenogenesis remains unclear, its genetic signal is unmistakable. Because parthenotes have high mortality, eggs from each potential breeding pair are tested, and only pairs with heterozygous offspring — evidence of sexual reproduction — are approved for the StAR Project.

THE CLOCK STARTS TICKING

Each egg embarks on a meticulously timed journey, where every step counts. Once an egg is laid by an approved breeding pair within the exhibit of a partner institution, divers retrieve it within a day and transfer it to holding tanks. With an incubation period of approximately 20 weeks — dependent on water temperature — timing is critical. Warmer conditions can accelerate development, thus the StAR Project



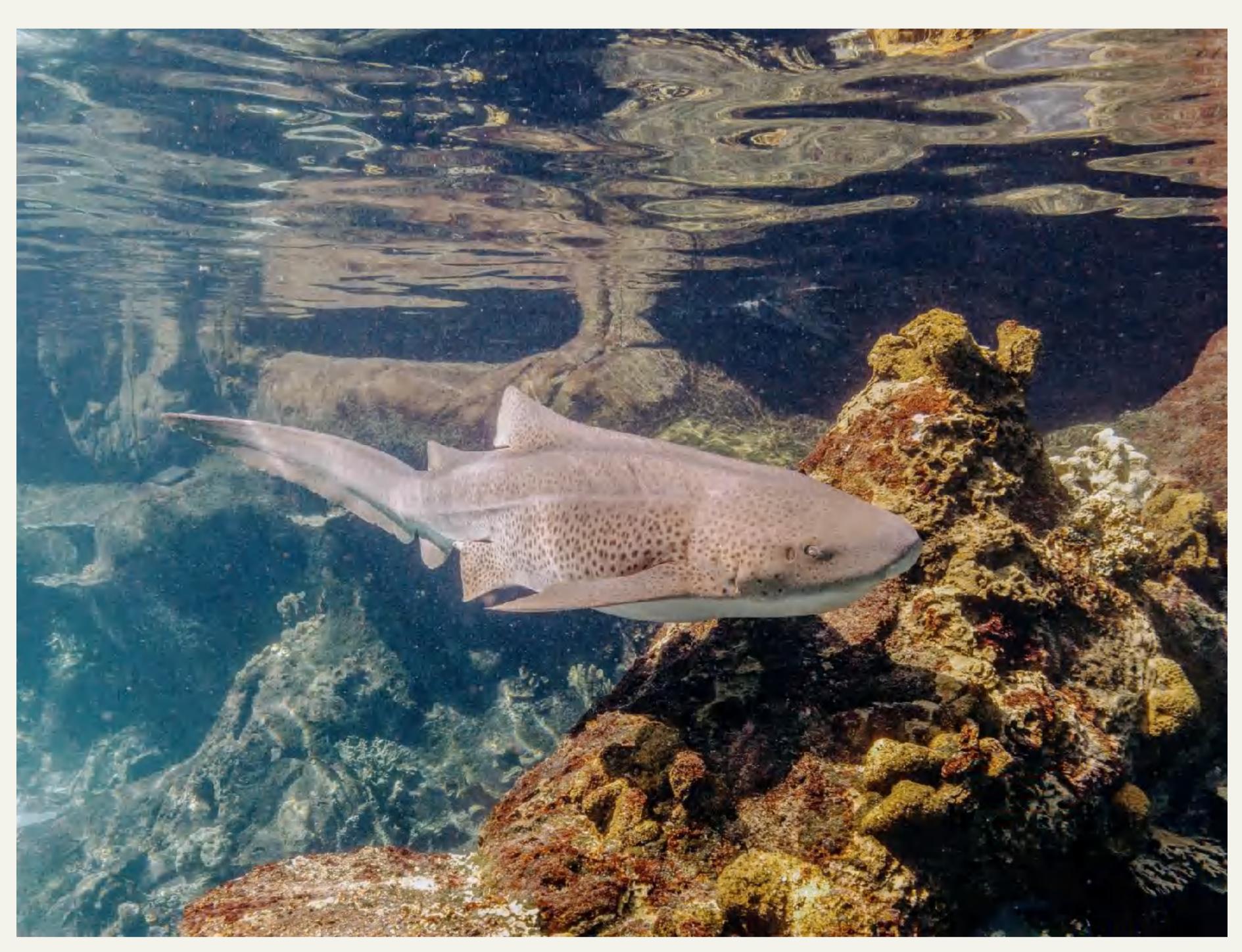
Husbandry Working Group has determined that eggs must arrive in Indonesia no later than 15 weeks into incubation.

Aquarium staff handle the eggs with precision, measuring and candling them to check for viable embryos. Typically, embryos can first be detected with the naked eye around four weeks into incubation, though monitoring begins earlier. Weekly candling continues until about 10 weeks. As soon as a viable embryo is detected, coordination of shipment plans begins.

Seattle Aquarium serves as a central hub, collecting eggs from breeders across the United States. Upon arrival, eggs undergo a short acclimation period, followed by candling and ultrasound exams to ensure embryo health. Three weeks before their scheduled departure to Indonesia, final preparations — ranging from paperwork to inspections and logistics — are completed. Australian institutions follow similar export procedures, ensuring all eggs are ready for their journey to Indonesia.







Meet Romeo, the sire of eggs that originated at Sea World Gold Coast

FROM AROUND THE WORLD TO INDONESIA

All eggs arriving in Indonesia first stop at Jakarta Aquarium and Safari for a vital quarantine process. Aquarium staff, along with representatives from five Indonesian partner NGOs — Elasmobranch Institute Indonesia, Konservasi Indonesia, Misool Foundation, Raja Ampat Research and Conservation Centre, and Thrive Conservation — work tirelessly to ensure the eggs' safe handling. This includes unpacking, monitoring water parameters, and preparing for the rest of their journey.

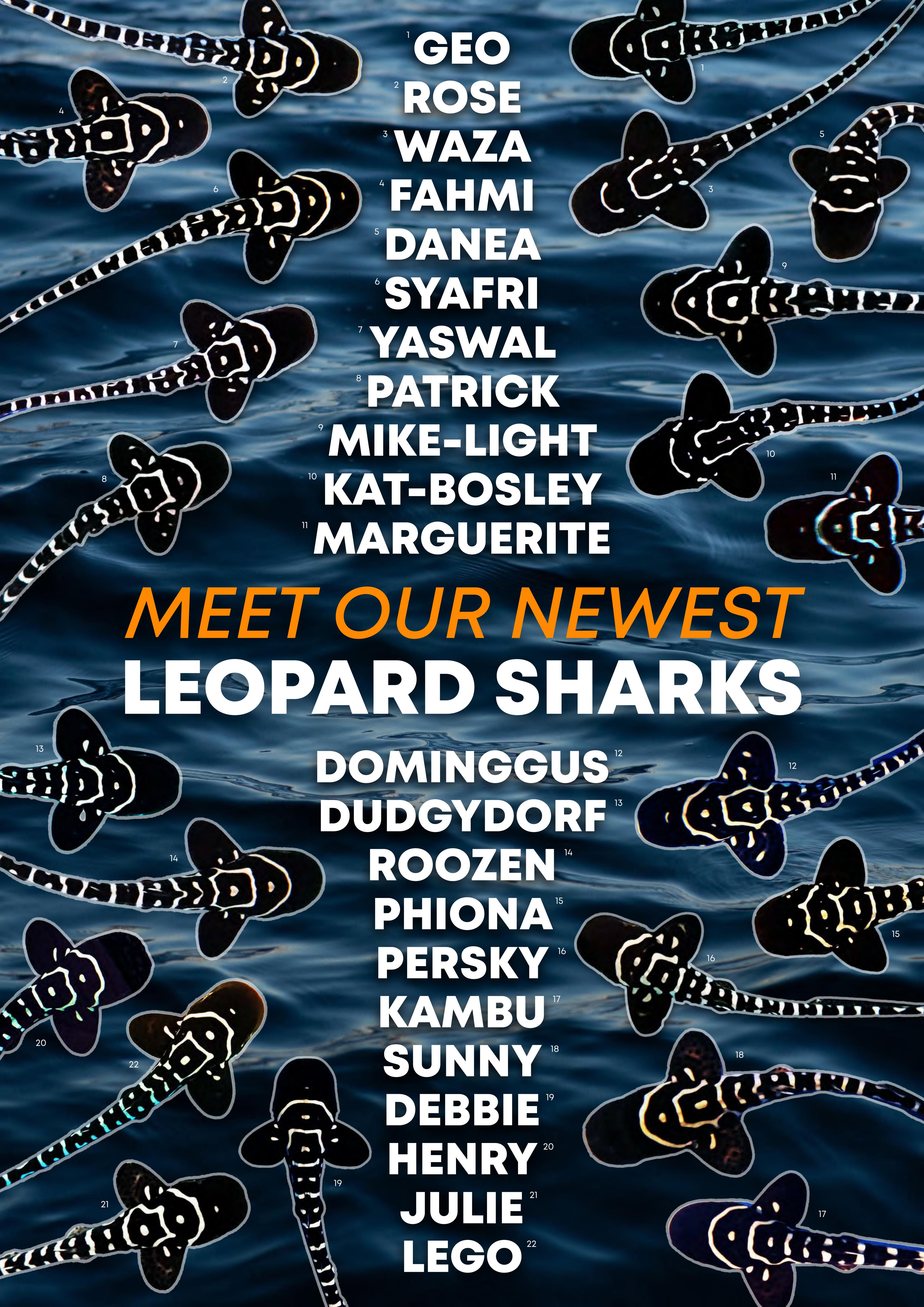
The stopover is essential to ensure the survivability of this precious cargo. After quarantine, the eggs are transported from Jakarta to Sorong by air. From Sorong, they embark on their final leg to *in-situ* nursery facilities in Raja Ampat. Each shipment is typically divided between the RARCC

nursery on Kri Island and the Misool Foundation nursery in South Misool. Once there, dedicated aquarist teams take over.

Since our last update, two new shipments of shark eggs have arrived at our nurseries:

- Shipment #8: The largest so far, comprising 25 eggs, arrived in September 23 from Shark Reef Aquarium at Mandalay Bay and 2 from Georgia Aquarium
- Shipment #9: 6 eggs followed in December — 2 from Sea World Gold Coast (newest breeder for the StAR Project), 2 from Georgia Aquarium, and 2 from Shark Reef Aquarium at Mandalay Bay

Excitingly, all sharks from the earlier shipment have also hatched and are growing well in the nurseries.















OUR PARTNERS



Canadian Parks and Wilderness Society IUCN SSC Conservation Translocation Specialist Group Ripley's Aquarium of Canada

Albuquerque BioPark Aquarium Andrew Wicklund Design Aquarium of the Pacific Association of Zoos and Aquariums (AZA) AZA Saving Animals from Extinction Columbus Zoo and Aquarium Conservation International Discovery Cove Field Museum Georgia Aquarium

Golden Nugget IUCN Conservation Planning Specialist Group Jenkinson's Aquarium

Johnny Morris' Wonders of Wildlife National Museum and Aquarium

Kansas City Zoo & Aquarium Landry's Downtown Aquarium Loveland Living Planet Aquarium Loyola University

Minnesota Zoo

Mote Marine Laboratory Museum of Science & History

Mystic Aquarium

National Aquarium New England Aquarium

North Carolina Aquarium at Fort Fisher

OdySea Aquarium

Omaha's Henry Doorly Zoo and Aquarium

Point Defiance Zoo and Aquarium

Re:wild

Ripley's Aquarium of Myrtle Beach

SEA LIFE Aquarium at LEGOLAND California

SEA LIFE North America

Seattle Aquarium

SeaWorld Orlando

SeaWorld San Antonio

SeaWorld San Diego

Shark Advocates International

Shark Reef Aquarium at Mandalay Bay

Shedd Aquarium

South-East Zoo Alliance for Reproduction and Conservation

The Dallas World Aquarium

TJP Inc.

Toledo Zoo and Aquarium

University of Delaware

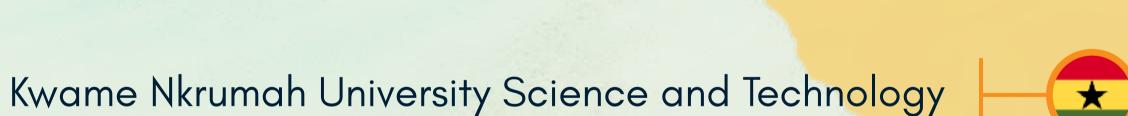
Virginia Aquarium & Marine Science Center

Wildlife Conservation Society's New York Aquarium





European Association of Zoos and Partners (EAZA)





Poema del Mar Aquarium





Okinawa Churaumi Aquarium

Ocean Park Hong Kong

Badan Riset dan Inovasi Nasional (BRIN) Kementerian Kelautan dan Perikanan (KKP) Pemerintah Prov<mark>ins</mark>i Papua Barat Pemerintah Provinsi Papua Barat Daya Badan Riset dan Inovasi Daerah (BRIDA) Provinsi Papua Barat Pemerintah Daerah Kabupaten Raja Ampat BLUD UPTD KKP Kepulauan Raja Ampat Child Aid Papua Elasmobranch Institute Indonesia Indo-Pacific Films Indonesian Ocean Pride Jakarta Aquarium and Safari Konservasi Indonesia Misool Foundation Misool Resort Papua Diving Resorts Pelagos Marine Nusantara Raja Ampat Research and Conservation Centre Thrive Conservation Universitas Papua

Ocean Blue Tree
Thai Sharks and Rays
WildAid

S.E.A. Aquarium

Biopixel Oceans Foundation
Cairns Marine
Irukandji Shark and Ray Encounters
James Cook University
SEA LIFE Sydney Aquarium
SEA LIFE Trust Australia and New Zealand
Sea World Gold Coast
Sundive Byron Bay
University of Queensland
University of the Sunshine Coast



Aquarium des Lagons Nouvelle Calédonie



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