



## EXPEDITION PROFILE

**July 27<sup>th</sup> & 28<sup>th</sup> and August 2<sup>nd</sup> aboard DISCOVERY Yacht *Shredder***

The International SeaKeepers Society partnered with Beneath the Waves to continue deploying baited remote underwater videos (BRUVs) at seven sites in Biscayne National Park. Three days were spent aboard D/Y *Shredder* of Fleet Miami to conduct the research.

In total, 24 BRUVs were deployed capturing hours of underwater footage. The expedition is part of a study examining interactions between predatory species and prey in marine habitats. Preliminary video review revealed footage of several nurse sharks, eels, various other fish species, and a few sea turtles. The videos will be further analyzed to better understanding how species in coral reef and other marine habitats depend on and impact one another. Additionally, footage of a critically endangered smalltooth sawfish was taken at one of the sites. The species is not common in this region of Florida and the is the first one ever captured on video!

This is the second scientist-led research expedition completed with Beneath the Waves. SeaKeepers has supported educational outreach trips with the organization in the past through their Youth Making Ripples program. This is one of many SeaKeepers trips that have been support by D/Y *Shredder* and Fleet Miami.

Beneath the Waves (BTW) is a non-profit dedicated to protecting the oceans through the conservation of sharks and their habitats. The organization conducts timely scientific research aimed at generating solutions for pressing ocean conservation issues. The primary cause is shark conservation, and BTW is currently engaged in several projects worldwide including studies on migration, habitat use, and physiology.

A special thanks to Crandon Park Marina for letting the researchers load and unload the vessel each day and to the crew of D/Y *Shredder*.

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