## **58** NEWS

## **Project ABIS Update**

## An HMCS Annapolis study

Compiled from Artificial Reef Society of BC

The Artificial Reef Society of BC is pleased to present Project ABIS – the Annapolis Biodiversity Index Study, an academic science study designed to observe and report marine species recruitment on the former HMCS Annapolis.

In November 2015 the ARSBC launched the Annapolis Biodiversity Index Study (Project ABIS). This study was intended to monitor and catalogue

the progression of marine life accumulation on Annapolis. We asked divers who were visiting the Annapolis to document the life they were seeing. This information was then sent to Donna Gibbs, taxonomist at the Vancouver Aquarium, who has agreed to create an ongoing taxon of marine life that is accumulating on the ship over time. This information has resulted in recording the existence of about 60 species of flora and fauna on the ship.



We have been encouraged by the response to this study and by the results that have been recorded so far; however documenting efforts have been sporadic and inconsistent. Understandably it is difficult to expect divers who are on their own time to devote their limited time underwater to another cause. However, any photos or videos of any life on the Annapolis would be much appreciated. Please send it to: <a href="mailto:donna.gibbs@vanaqua.org">donna.gibbs@vanaqua.org</a>

One of the critical pieces of information is to landmark as precisely as possible where on the ship pictures and videos are taken. Physical structures on the ship are useful reference points, as is a record of depth and your diving position on the port or starboard side of the ship. The more specific you can be about which feature of the ship you're diving, the better. It's also helpful to make note of your distance from specific landmarks. To assist you in identifying landmarks, photos with identified structures can be found at: <a href="http://www.artificialreefsocietybc.ca/bulletin-board.html">http://www.artificialreefsocietybc.ca/bulletin-board.html</a>

As well, 360 degree images of the Annapolis decks 1, 3 and 4 may be viewed at: <a href="http://www.artificialreefsocietybc.ca/">http://www.artificialreefsocietybc.ca/</a> annapolis.html

Recognizing that data was limited, we wanted a dedicated team of qualified divers to periodically go to the ship and document specific areas. We are pleased to announce that ARSBC successfully applied and received a Parks Enhancement Funding grant in May 2016. With these funds we can now help to offset the cost of getting a dedicated core of citizen scientist divers out on the ship on a regular basis and augment data that is obtained by fellow divers with consistent and knowledgeable observations. This is an ongoing project and with future grants we expect to continue this research in future years.









Infographic from <a href="http://www.artificialreefsocietybc.ca/annapolis.html">http://www.artificialreefsocietybc.ca/annapolis.html</a>