



# MESOOOPLANKTON OF COASTAL WATERS OF ODESSA REGION IN SEMI- CLOSED AND OPEN WATER AREAS DURING 2017-2018

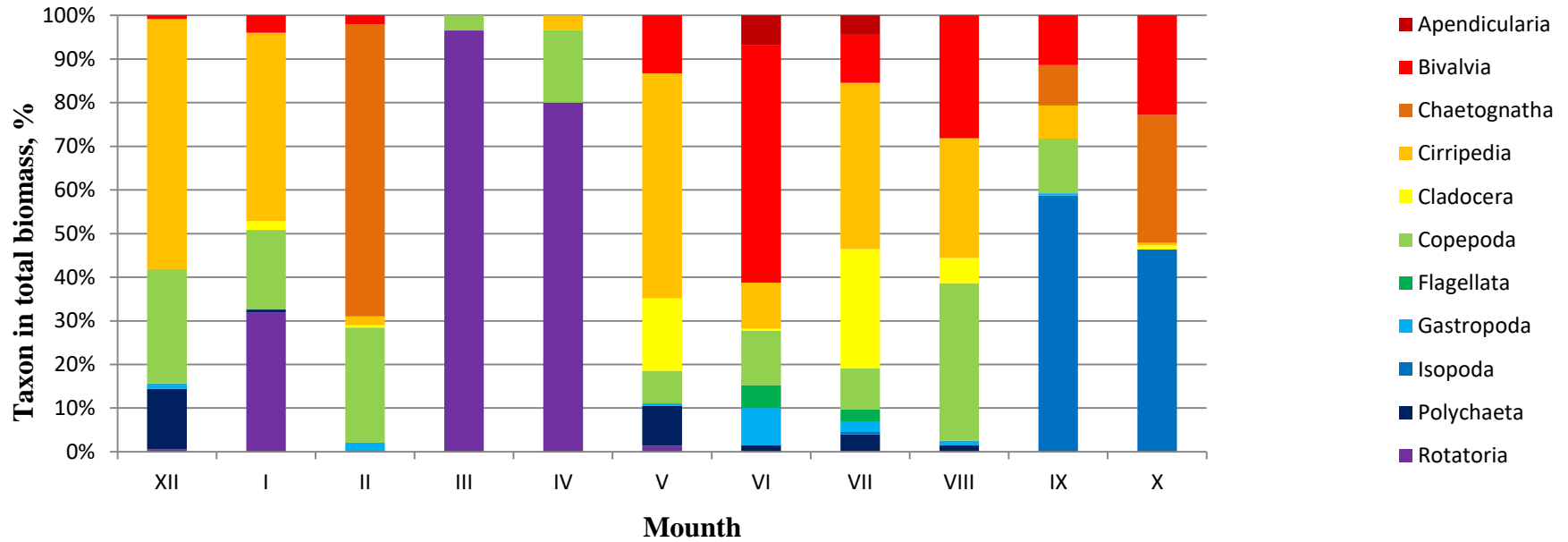
Nabokin M. V.  
Ukrainian Scientific Center of Ecology of the Sea, Odesa  
Dyadichko V. G.  
Institute of Marine Biology NAS Ukraine, Odesa

# Sampling sites

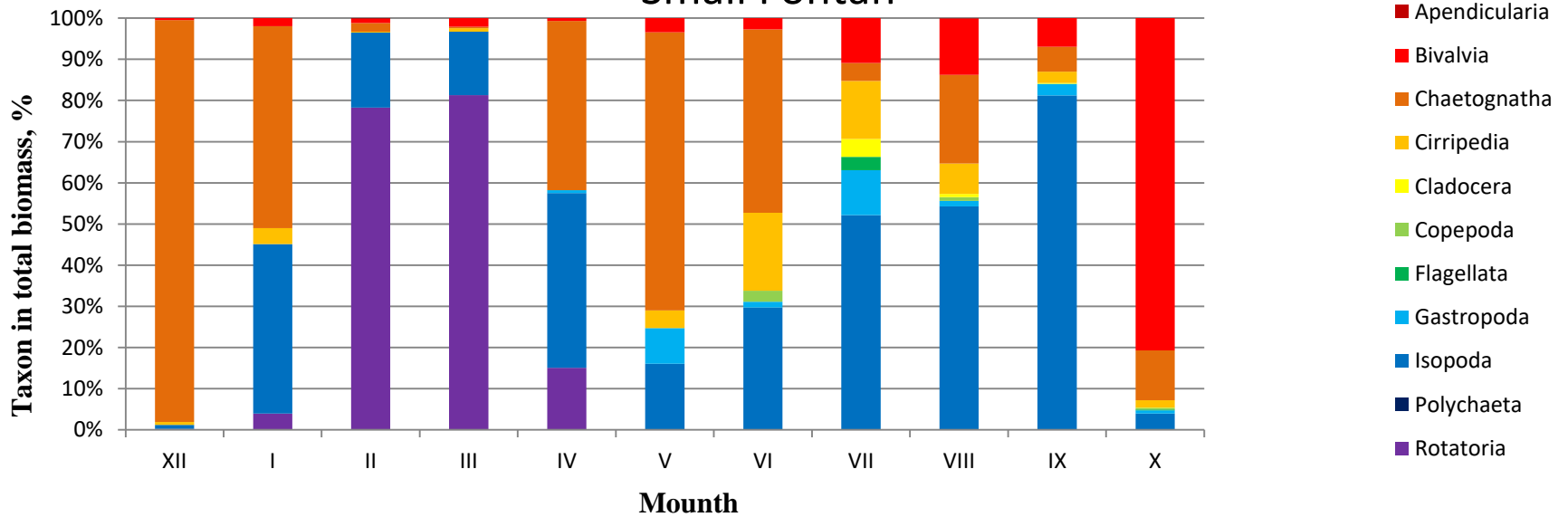


# Taxonomic structure in 2018

## Arcadia

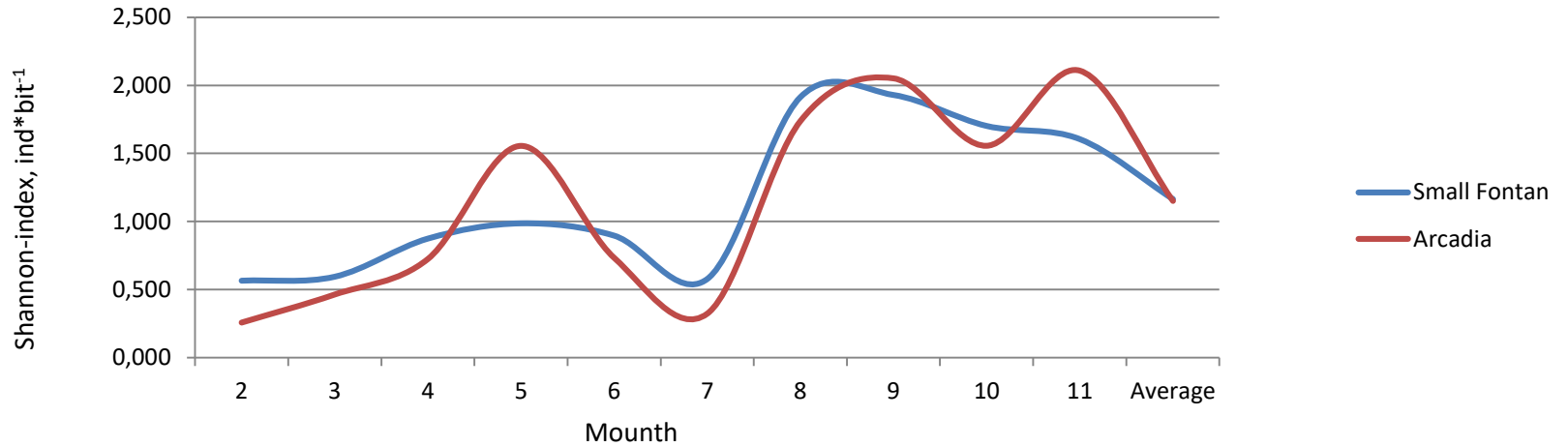


## Small Fontan

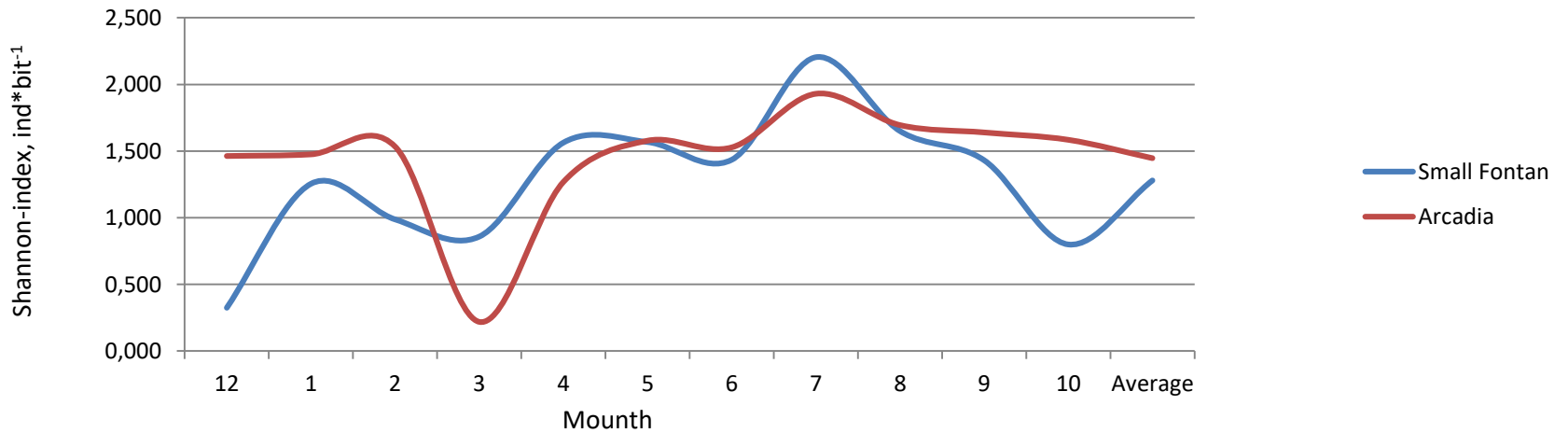


# Shannon-index

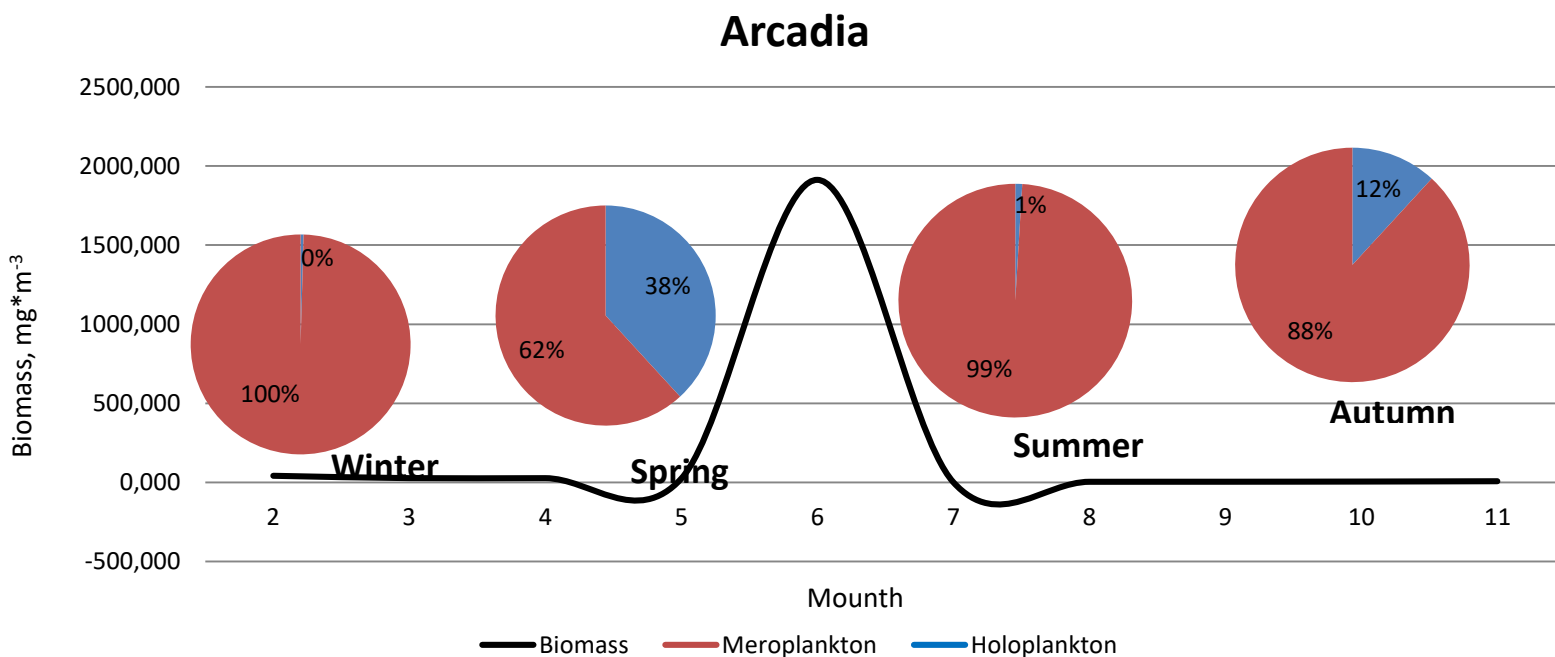
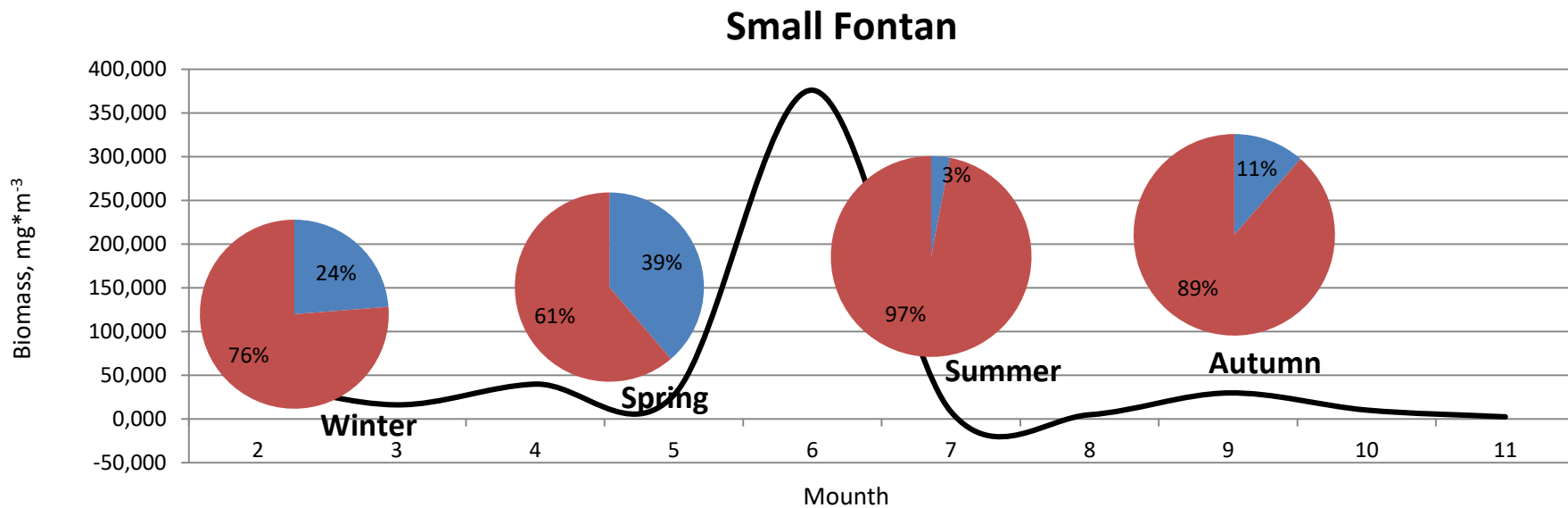
**2017**



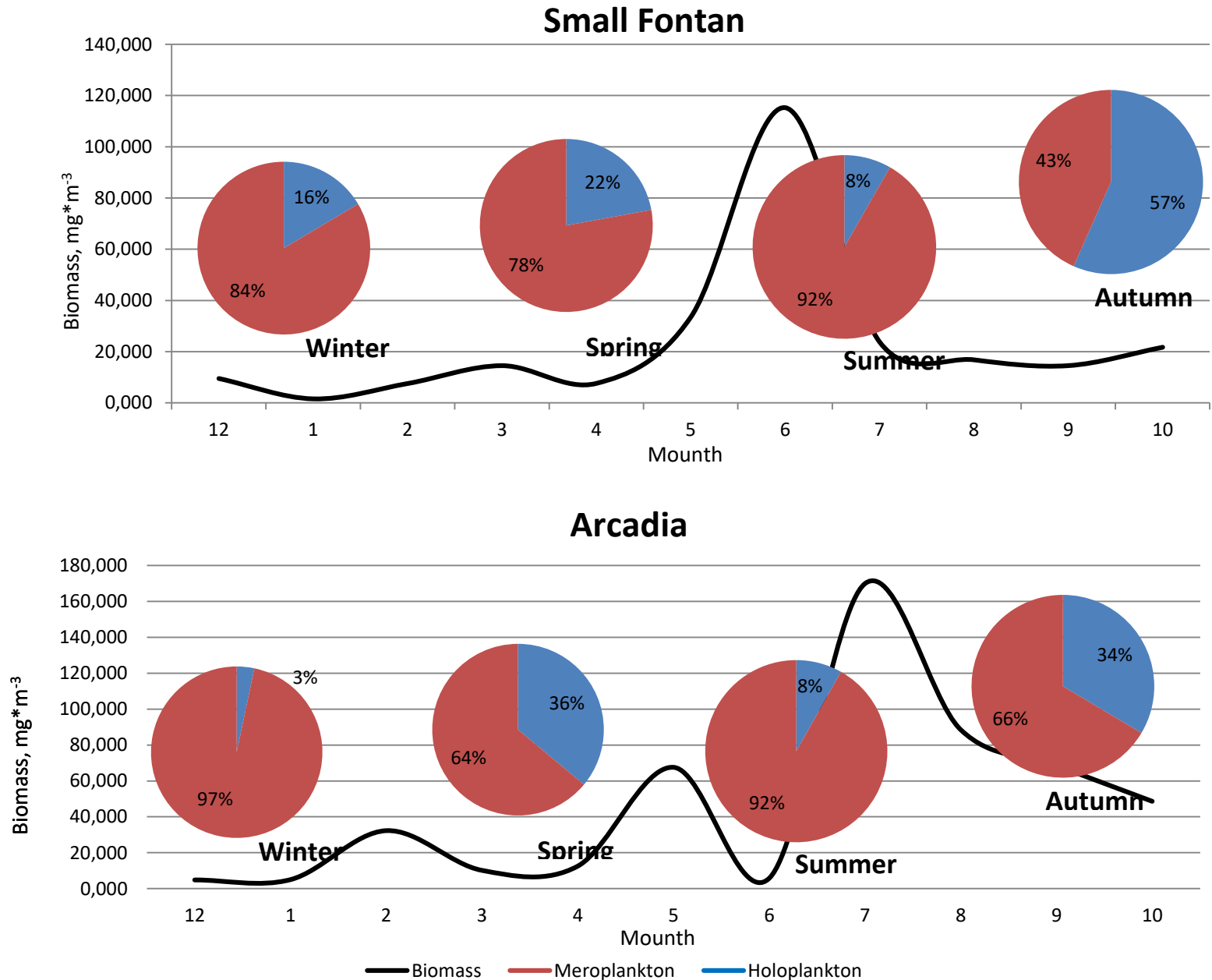
**2018**



# Mesozooplankton biomass (2017)



# Mesozooplankton biomass (2017)



# Water quality (for WFD)

|                     | Biomass,<br>mg*m <sup>-3</sup> | WQ   | <i>N. scintillans</i> ,<br>mg*m <sup>-3</sup> | WQ   | Shannon-<br>index,<br>ind*bit <sup>-1</sup> | WQ   |      |
|---------------------|--------------------------------|------|---|------|---|------|------|
| <b>Arcadia</b>      |                                |      |   |      |   |      |      |
| 2017                | 407.033<br>±2128.901           | Bad  | 132.95±924.99                                 | Good | 1.151±0.709                                 | Poor | Poor |
| 2018                | 44.479<br>±61.217              | Poor | 0.72±2.43                                     | High | 1.431±0.519                                 | Poor | Poor |
| <b>Small Fontan</b> |                                |      |   |      |   |      |      |
| 2017                | 146.057<br>±529.475            | Poor | 50.62±227.05                                  | High | 1.164±0.581                                 | Poor | Poor |
| 2018                | 24.254<br>±58.167              | Poor | 0.71±8.23                                     | High | 1.280±0.664                                 | Poor | Poor |

An aerial photograph showing a large, rectangular, green, vegetated structure floating in the ocean. The structure is covered in dense green vegetation and has several small, dark, rectangular openings. The ocean is a deep blue color, and the sky is a clear, light blue. The text "Thanks for attention!" is overlaid in the center of the image in a white, serif font.

Thanks for attention!