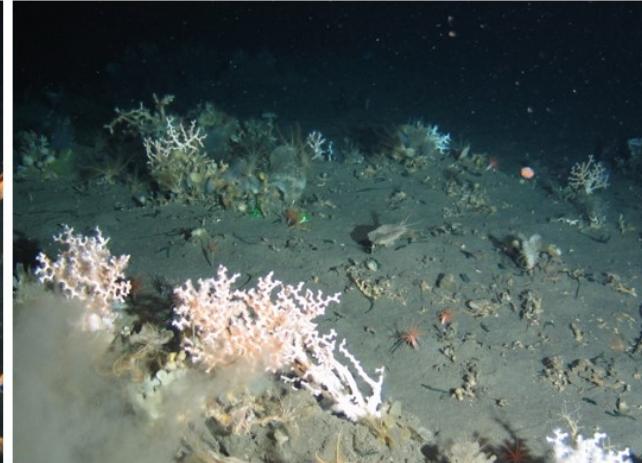
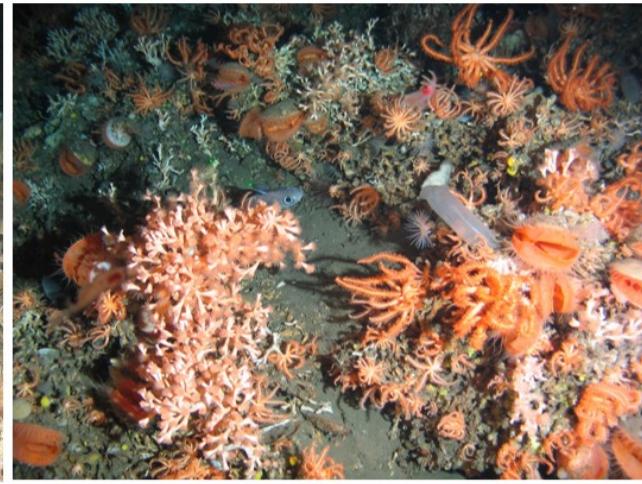
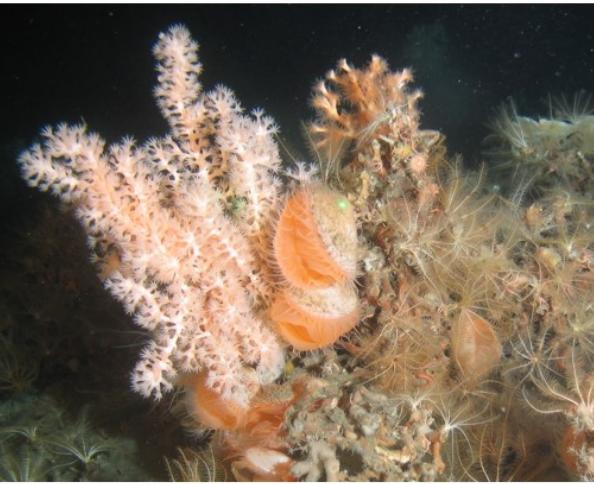
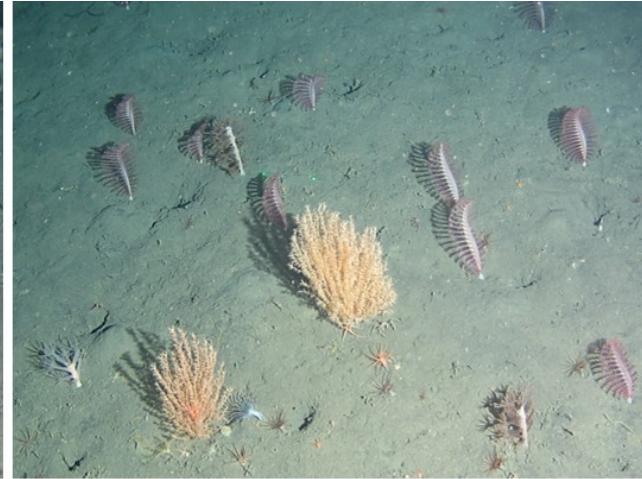


NovasArc project - the Icelandic contribution

Steinunn H Ólafsdóttir - Julian M Burgos - Stefan A Ragnarsson
www.hafogvatn.is

Vulnerable marine ecosystems

- Cold water coral reefs
- Coral gardens
 - Soft bottom
 - Hard bottom
- Seapen communities
- Sponge aggregations
 - Hard bottom
 - Soft bottom
 - Cold water



Data availability

Recent data

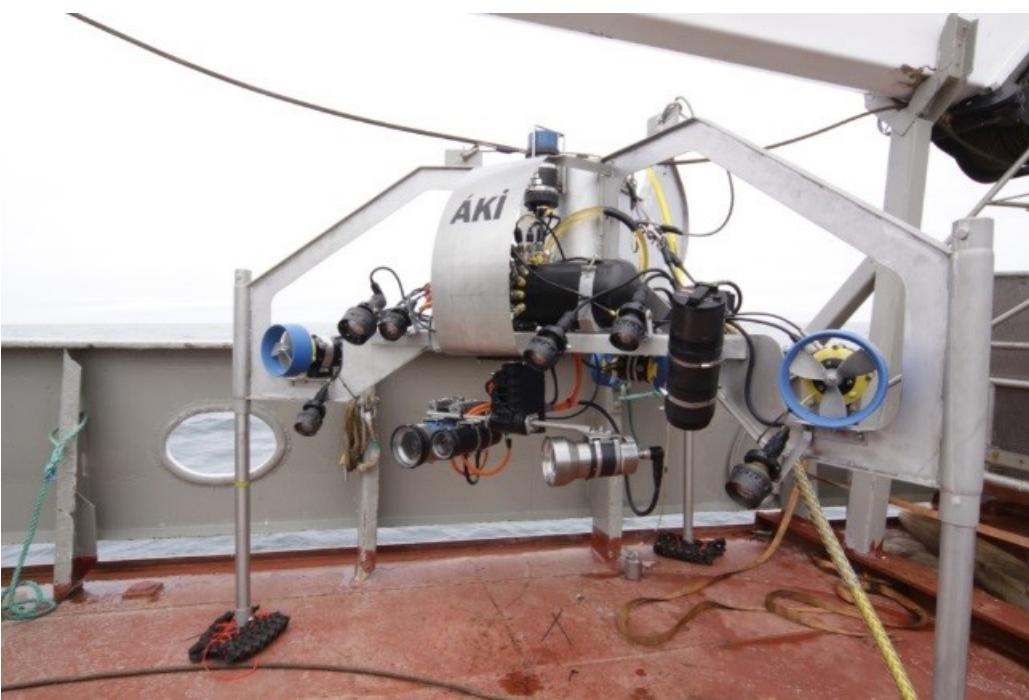
- MFRI – video surveys for habitat mapping
- Autumn ground fish survey 2015-
- EU-fp7 CoralFISH
- Fisheries observers

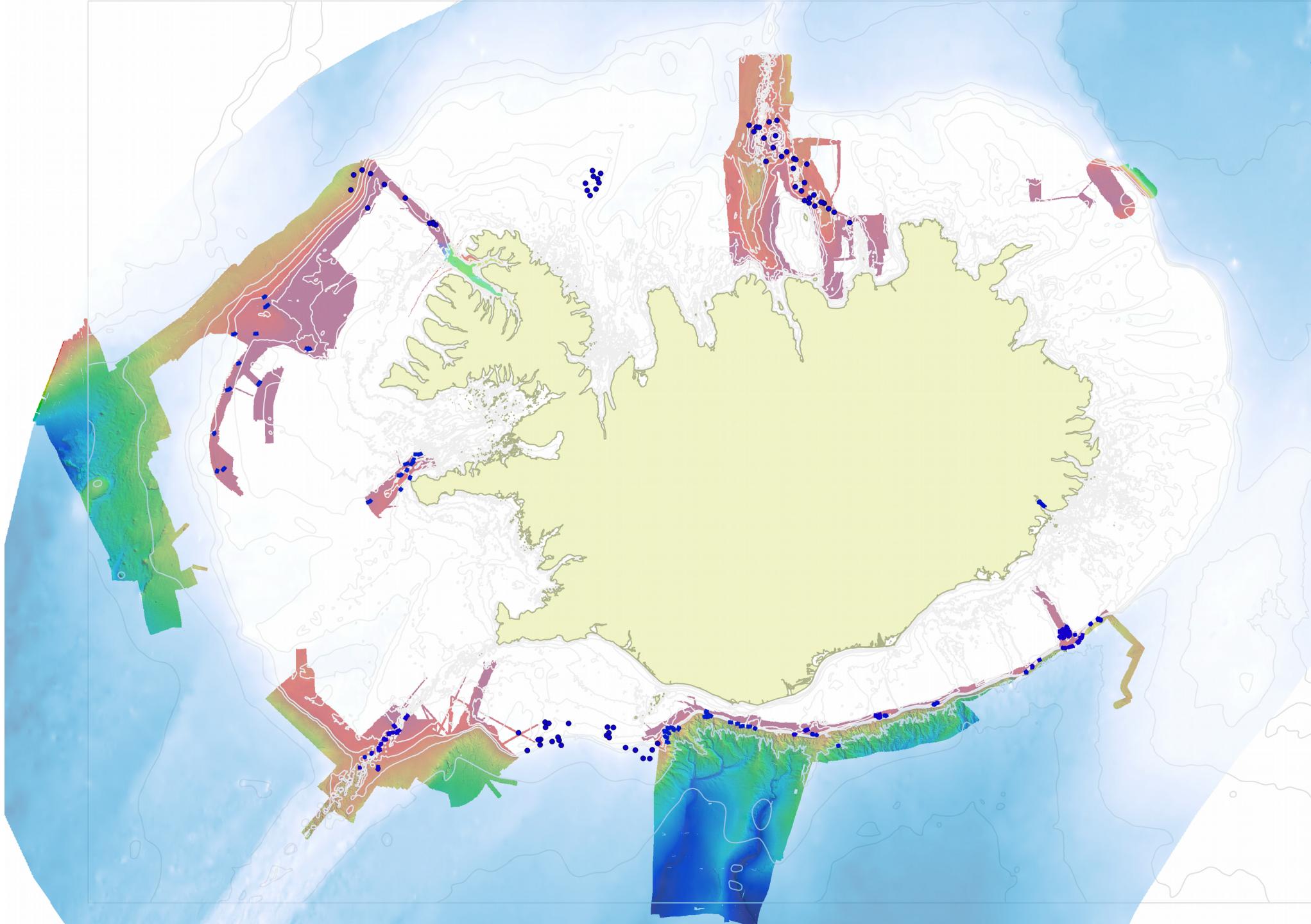
Historical data

- Ingolf – Expedition 1895-96
- Thor expedition 1903
- Dana expedition 1920-22
- BIOICE 1991-2004
H. Zibrowius and P. Lopez-Gonzalez
- Copley et al. 1996

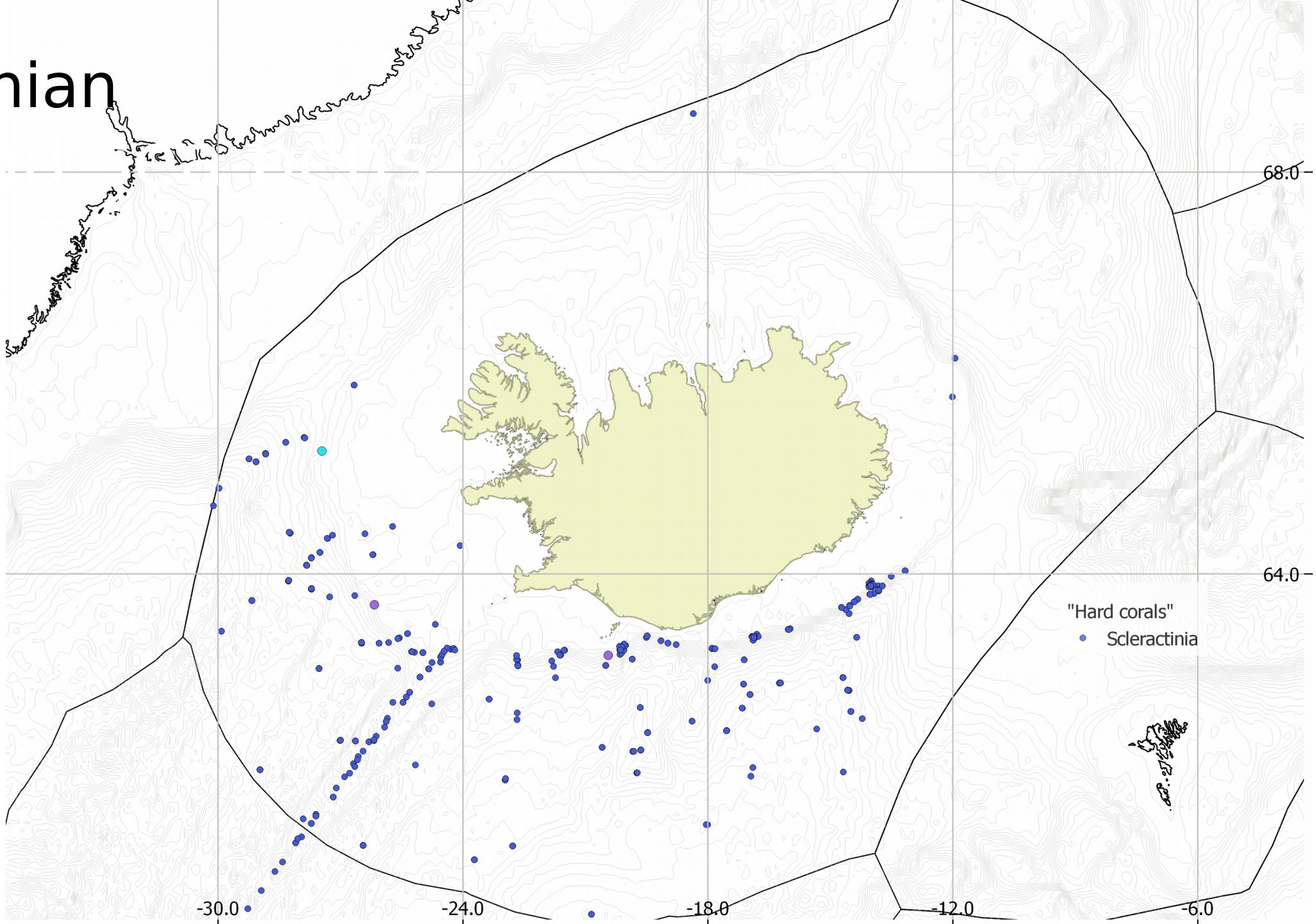


Recent data: video surveys

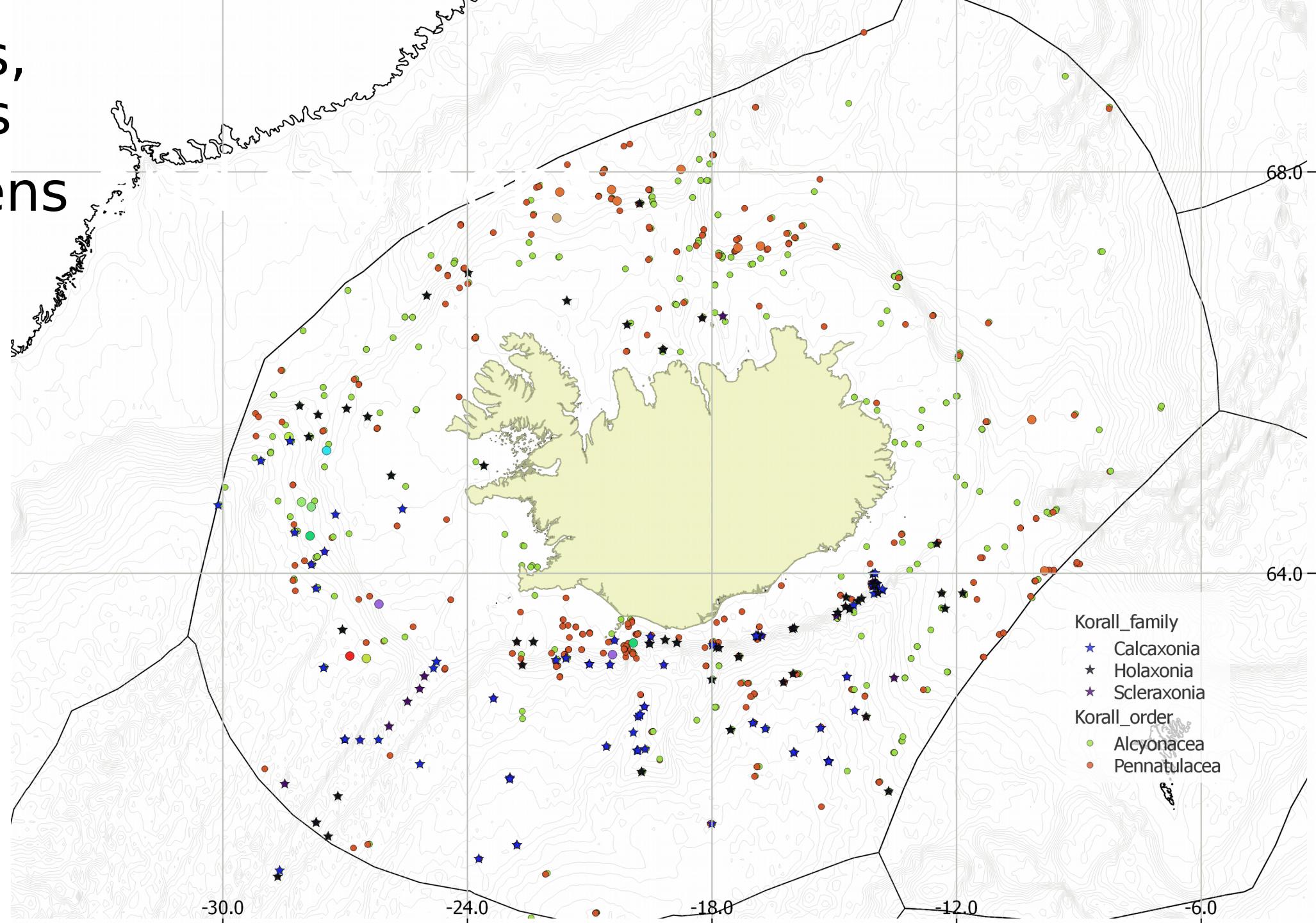




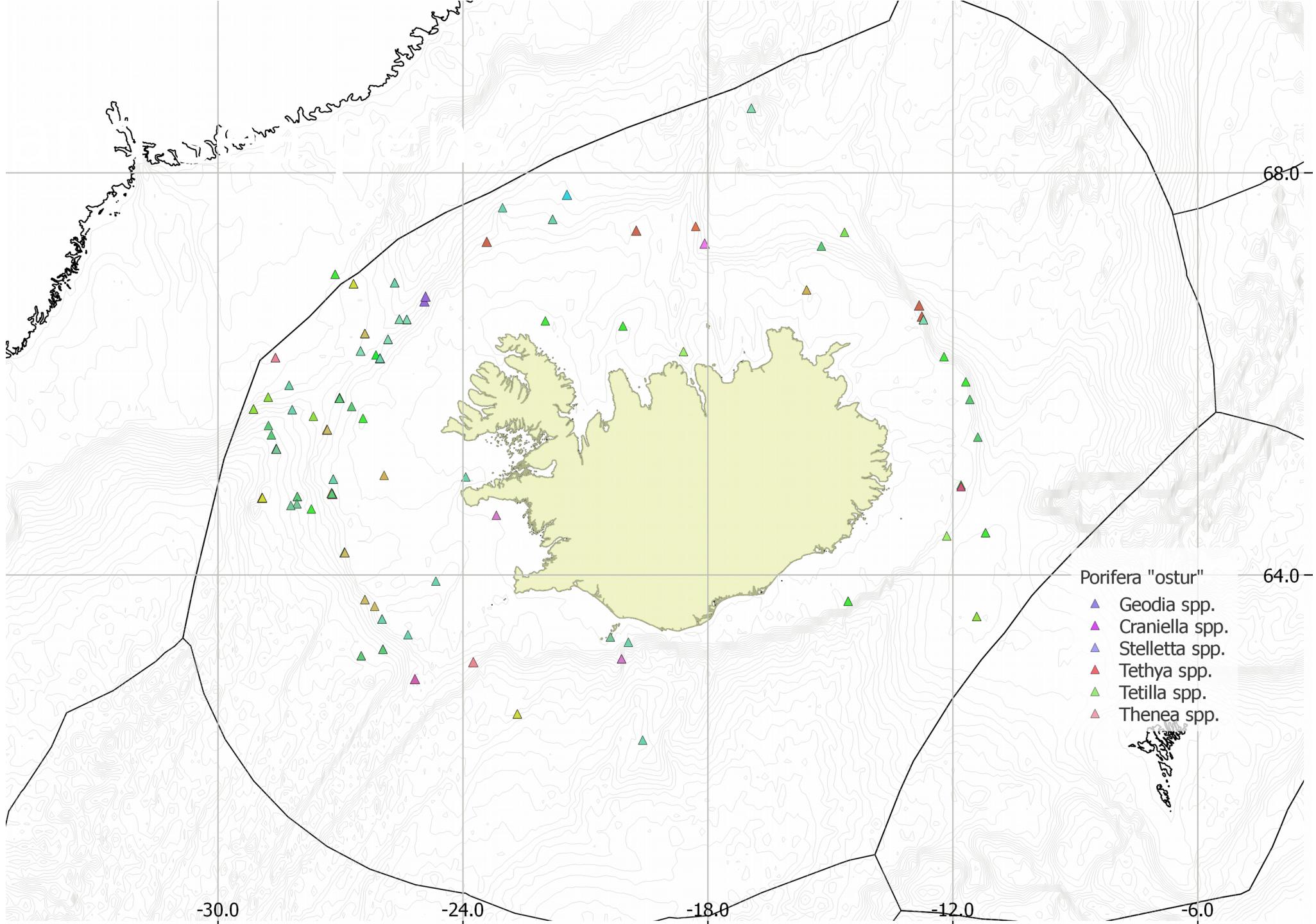
Scleractinian corals



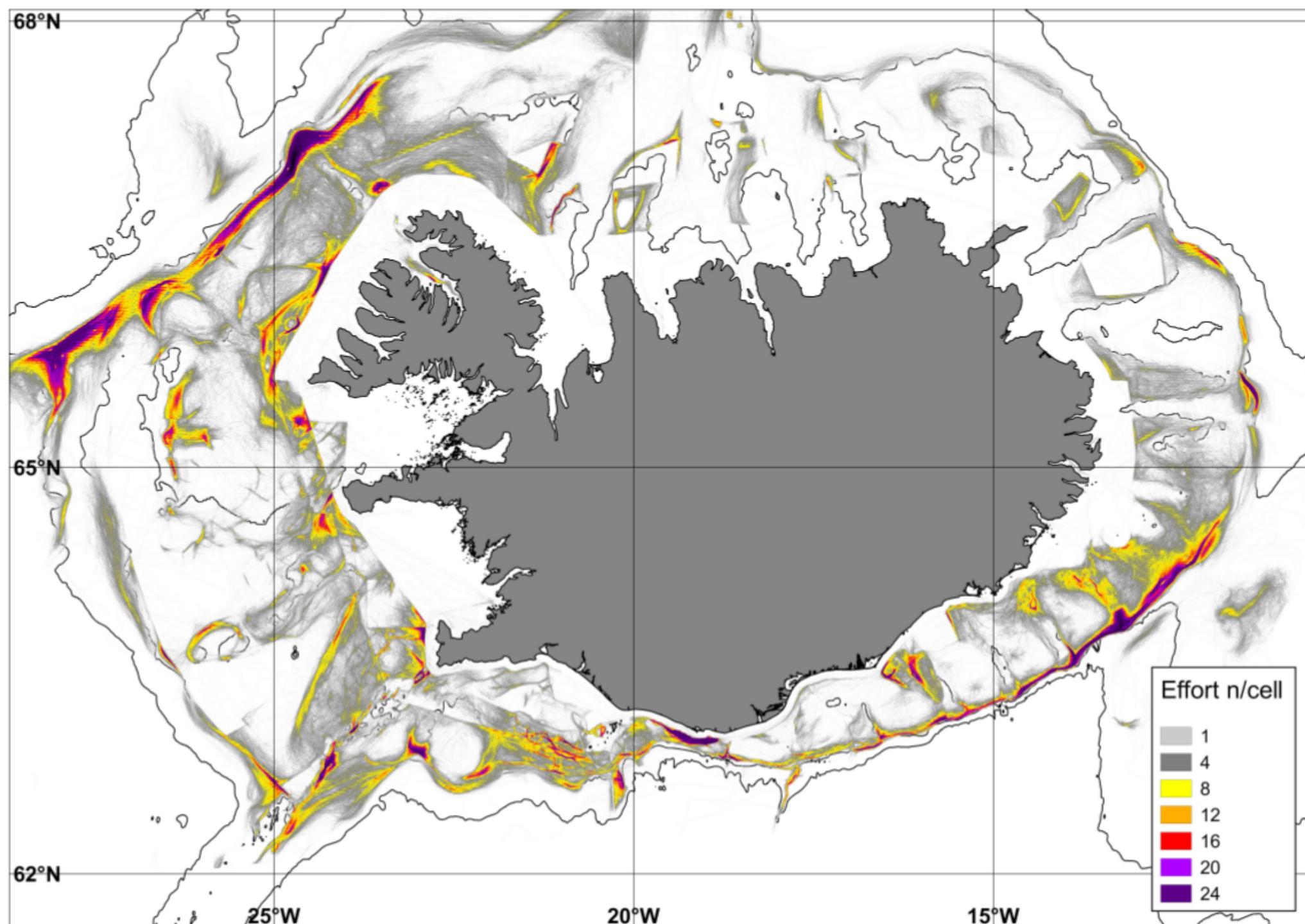
Soft corals, coral trees and seapens

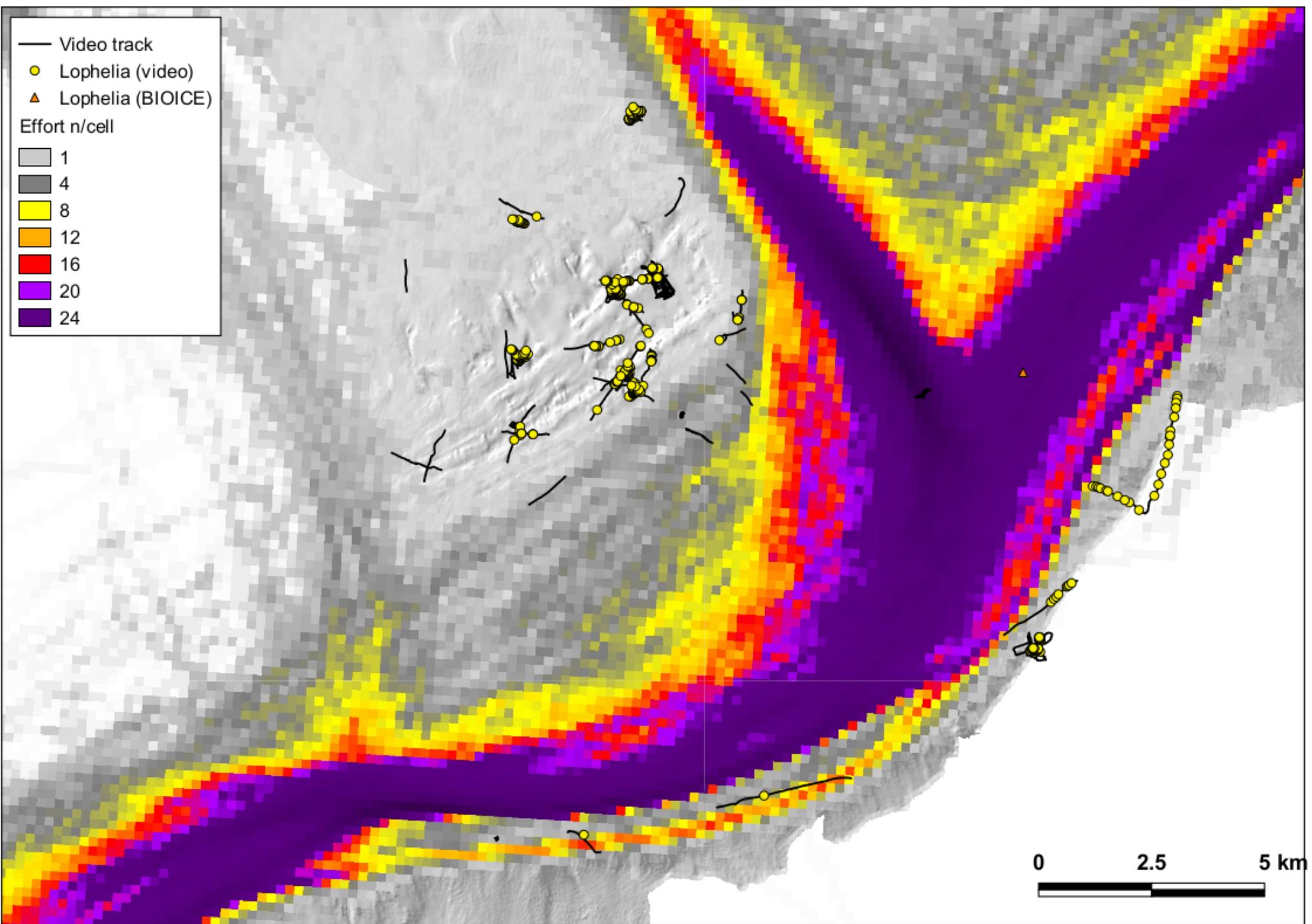


Sponges

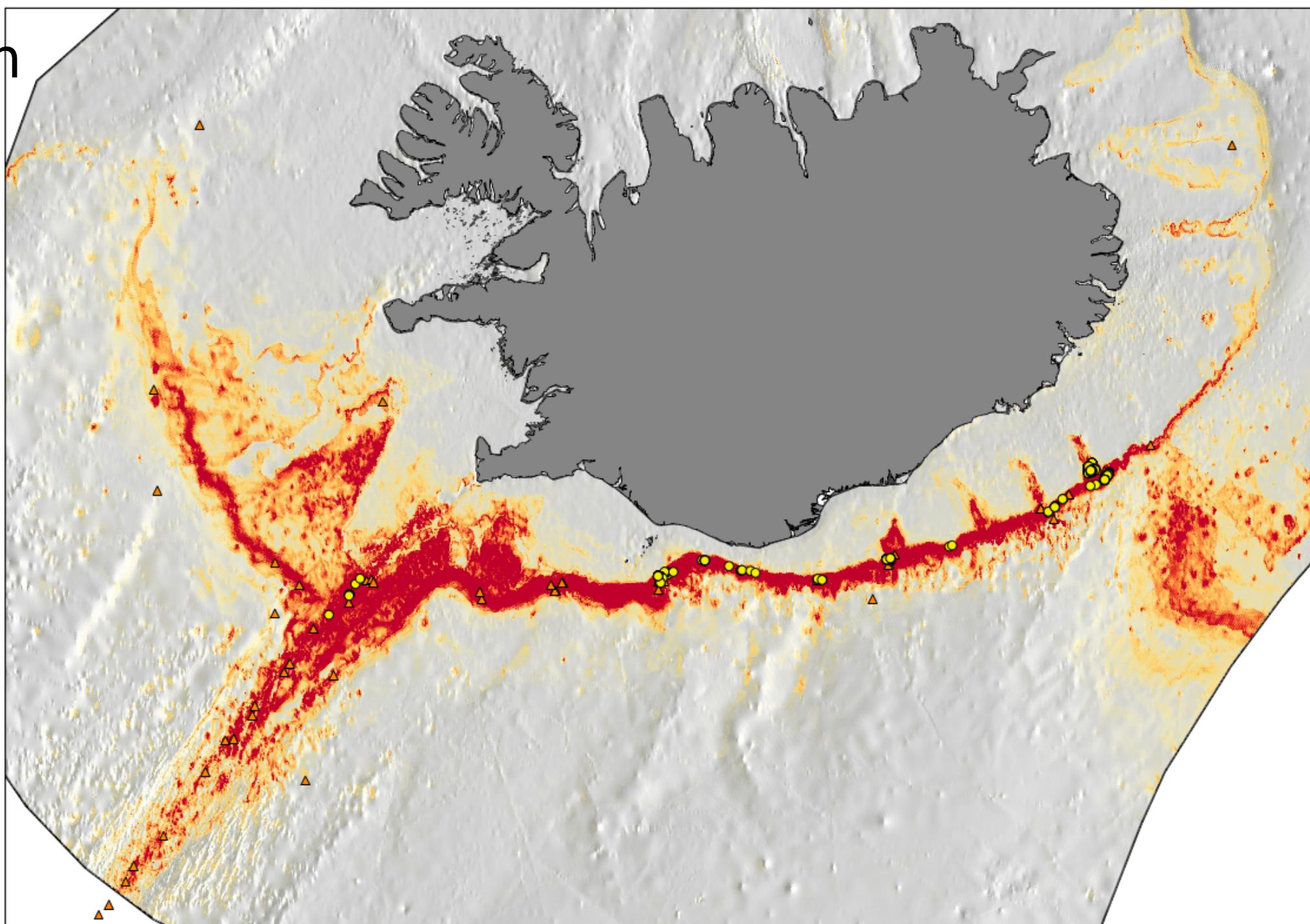


Fishing effort: VMS, ELB





Distribution models for VMEs



Overlaps between VMEs and fishing

