

Northeast Fisheries Science Center

2022 Spring Multispecies Bottom Trawl Survey Summary

The Northeast Fisheries Science Center has completed the 2022 spring multispecies bottom trawl survey aboard NOAA Ship *Henry B. Bigelow*. 364 representative trawl samples, of 377 planned, were completed this season. Sampling was conducted over the full survey region from March 3 – May 12, 2022. 370 vertical profiles of temperature and salinity were collected and plankton were also sampled at a subset of stations, with 113 bongo samples taken of 116 planned.

This long-running, fishery-independent, bottom trawl survey monitors fishery abundance and distribution of the Northwest Atlantic continental shelf from Cape Lookout, NC to the Scotian Shelf. Data collected include fish age, length, weight, sex, maturity and food habits information which are critical inputs to regional fish stock assessments helping to inform fishery management decisions by the New England and Mid-Atlantic Fishery Management Councils as well as Atlantic States Marine Fisheries Commission.

Figure 1. 2022 Spring Multispecies Bottom Trawl Survey percentage of trawl stations completed by strata.

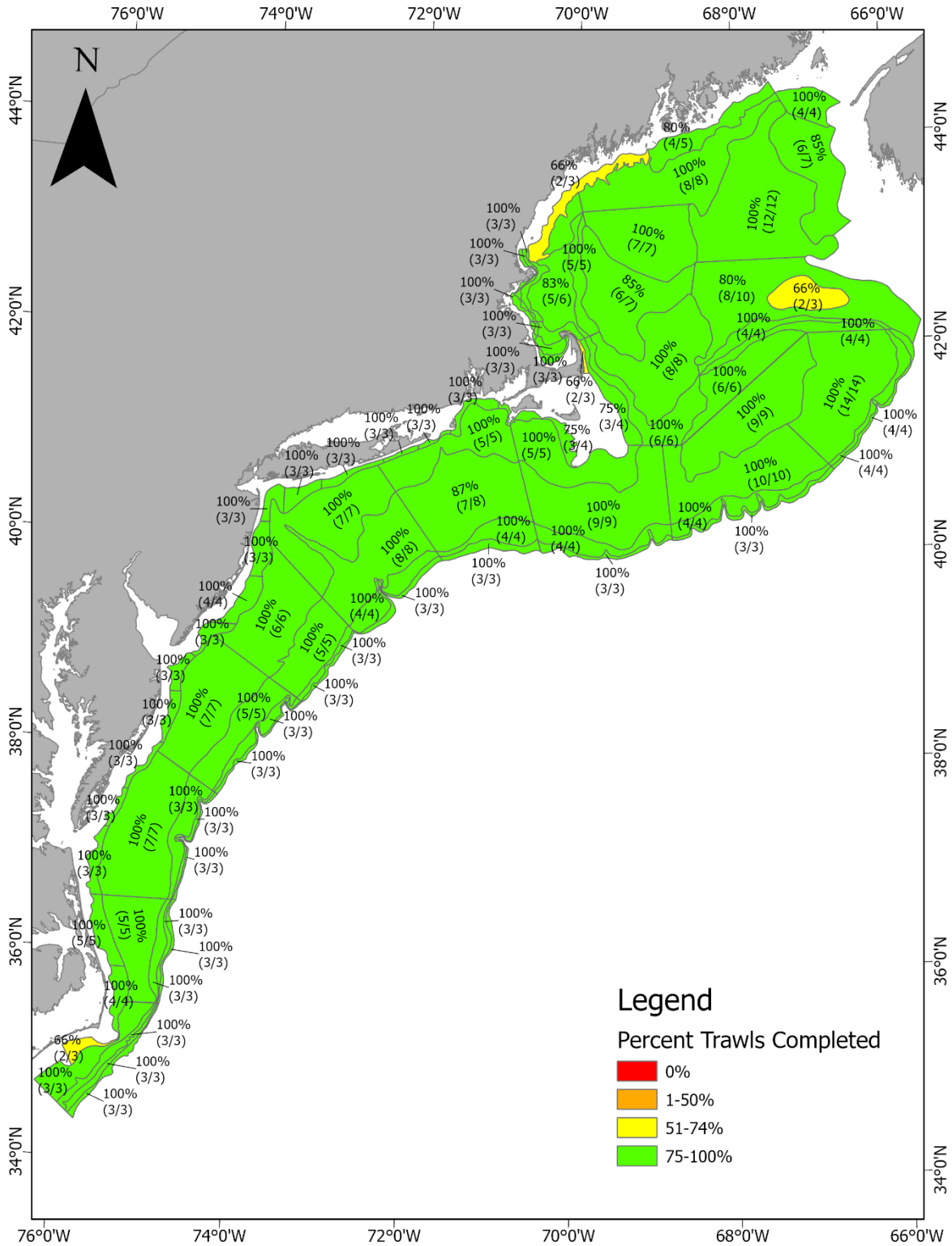


Figure 2. 2022 Spring Multispecies Bottom Trawl Survey percentage of planned CTD casts completed by strata.

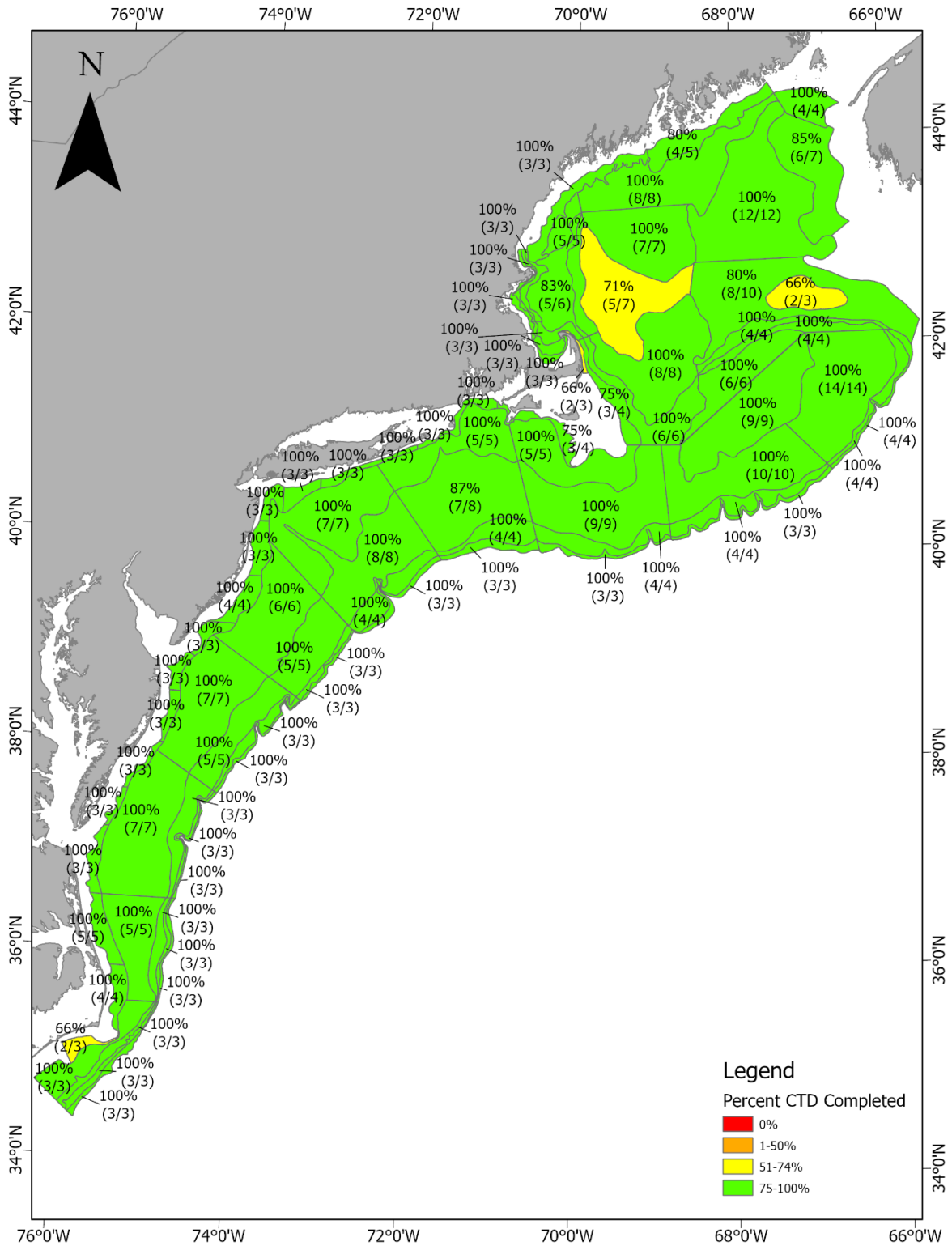


Figure 3. 2022 Spring Multispecies Bottom Trawl Survey percentage of planned bongo samples completed by strata.

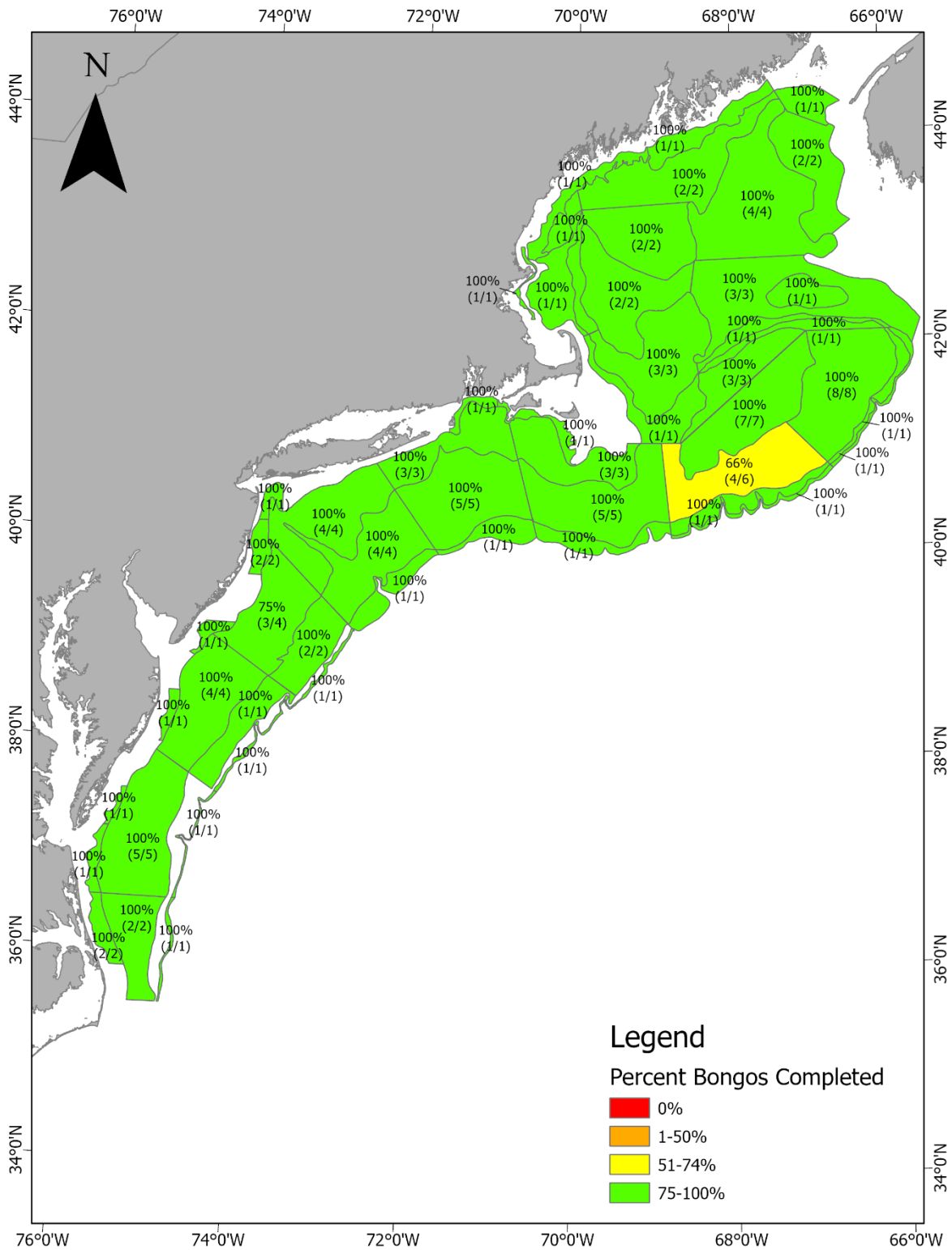


Figure 4. 2022 Spring Multispecies Bottom Trawl station locations: Mid-Atlantic and Southern New England.

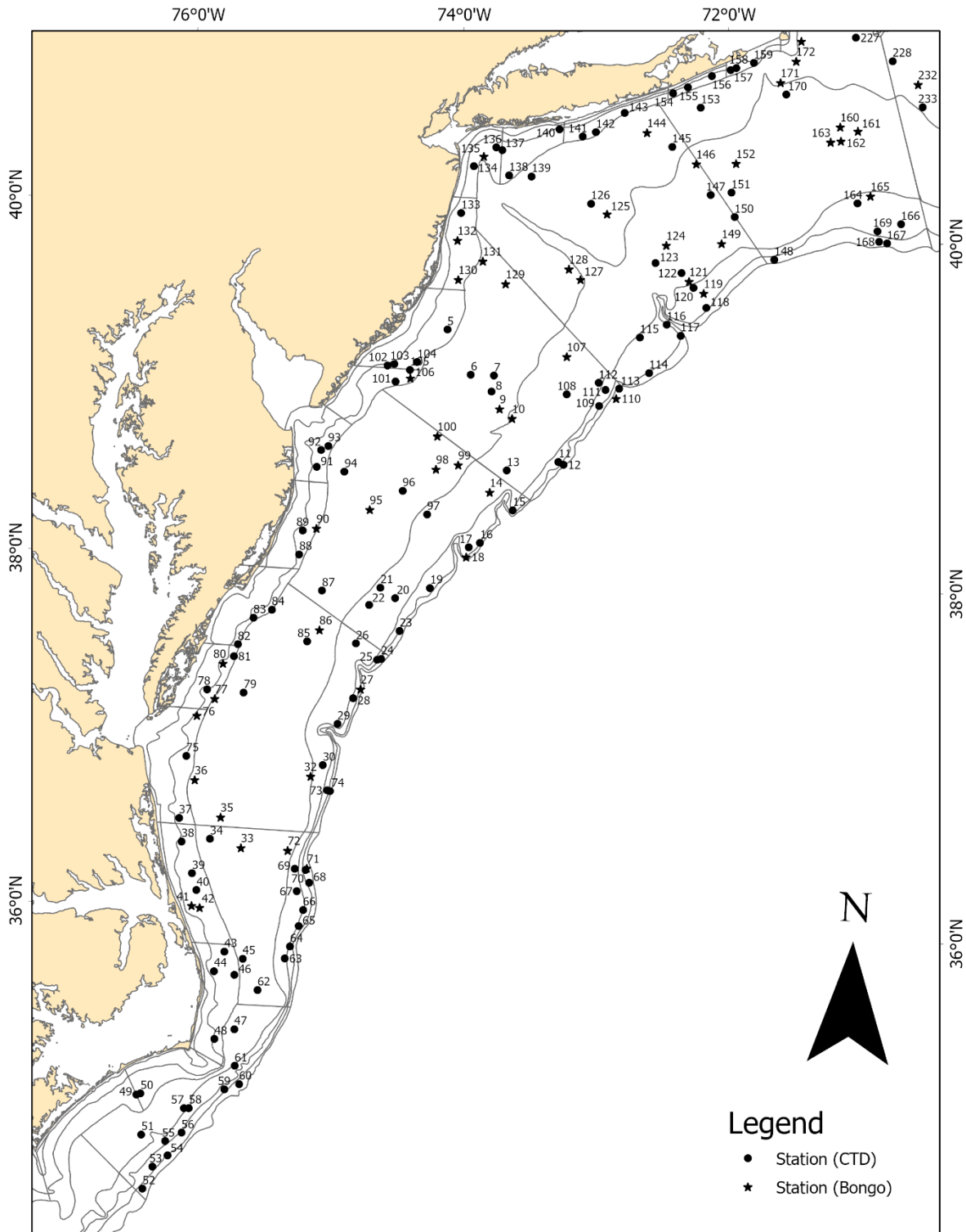


Figure 5. 2022 Spring Multispecies Bottom Trawl station locations: Georges Bank and Gulf of Maine.

