Mackerel roe survey

Dates: June
Recurrence: Almost annually, since 1979
Location: Southern Gulf of St. Lawrence
Vessel: *GCCSTeleost* / *Coriolis II*

Description

The survey of mackerel roe using Bongo nets provides an index of relative abundance for mackerel and distribution data in the spawning area. These data are then integrated into the mackerel stock assessment (stock status report) and scientific publications. Each year, approximately 66 stations are sampled on a fixed grid.

Objectives

1. Assessment of mackerel abundance;
2. Assessment of environmental conditions;
3. Assessment of zooplankton abundance and composition; and
4. Monitoring of the pelagic ecosystem.

Mackerel (*Scomber scombrus*)

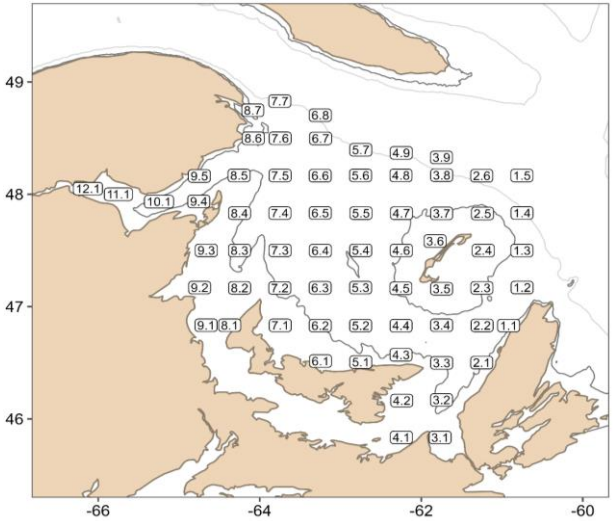

Figure 1: Position and name of the mackerel sampling stations. The dark gray and light gray lines represent the 50 m and 200 m isobaths, respectively.