



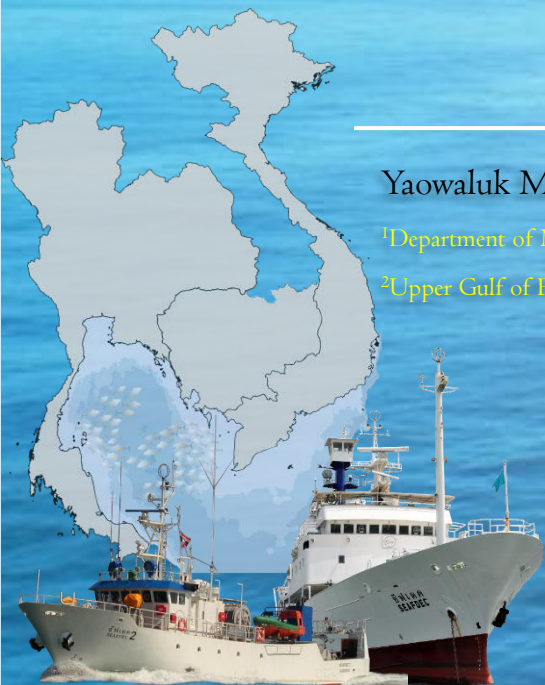
# COLLABORATIVE RESEARCH SURVEY ON MARINE FISHERIES RESOURCES AND ENVIRONMENT IN THE GULF OF THAILAND 2018

## Species and Distribution of Cephalopod Paralarvae in the Gulf of Thailand surveyed by M.V. SEAFDEC 2

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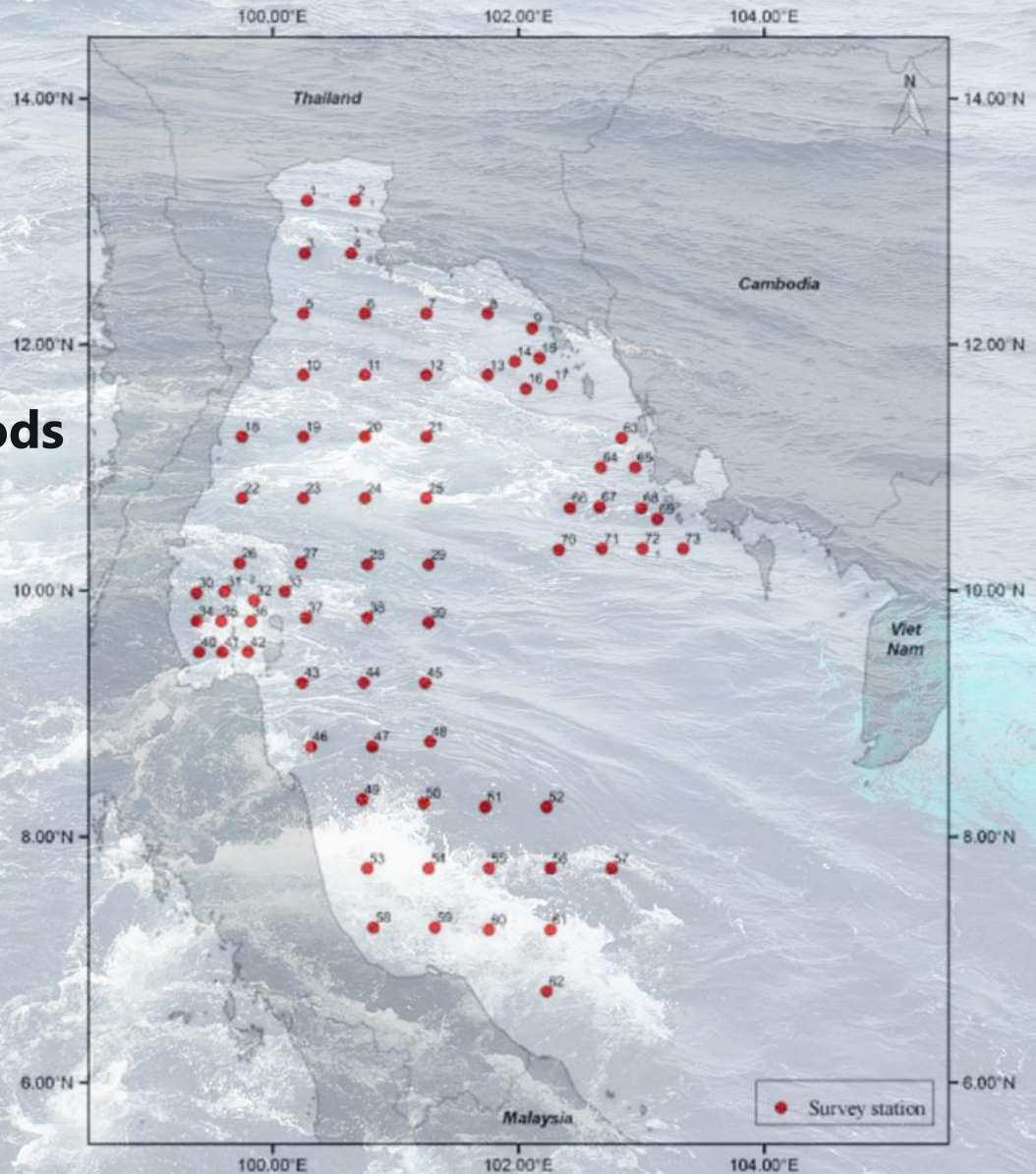


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# Outline

- 1. Objectives
- 2. Materials & Methods
- 3. Results
- 4. Conclusion



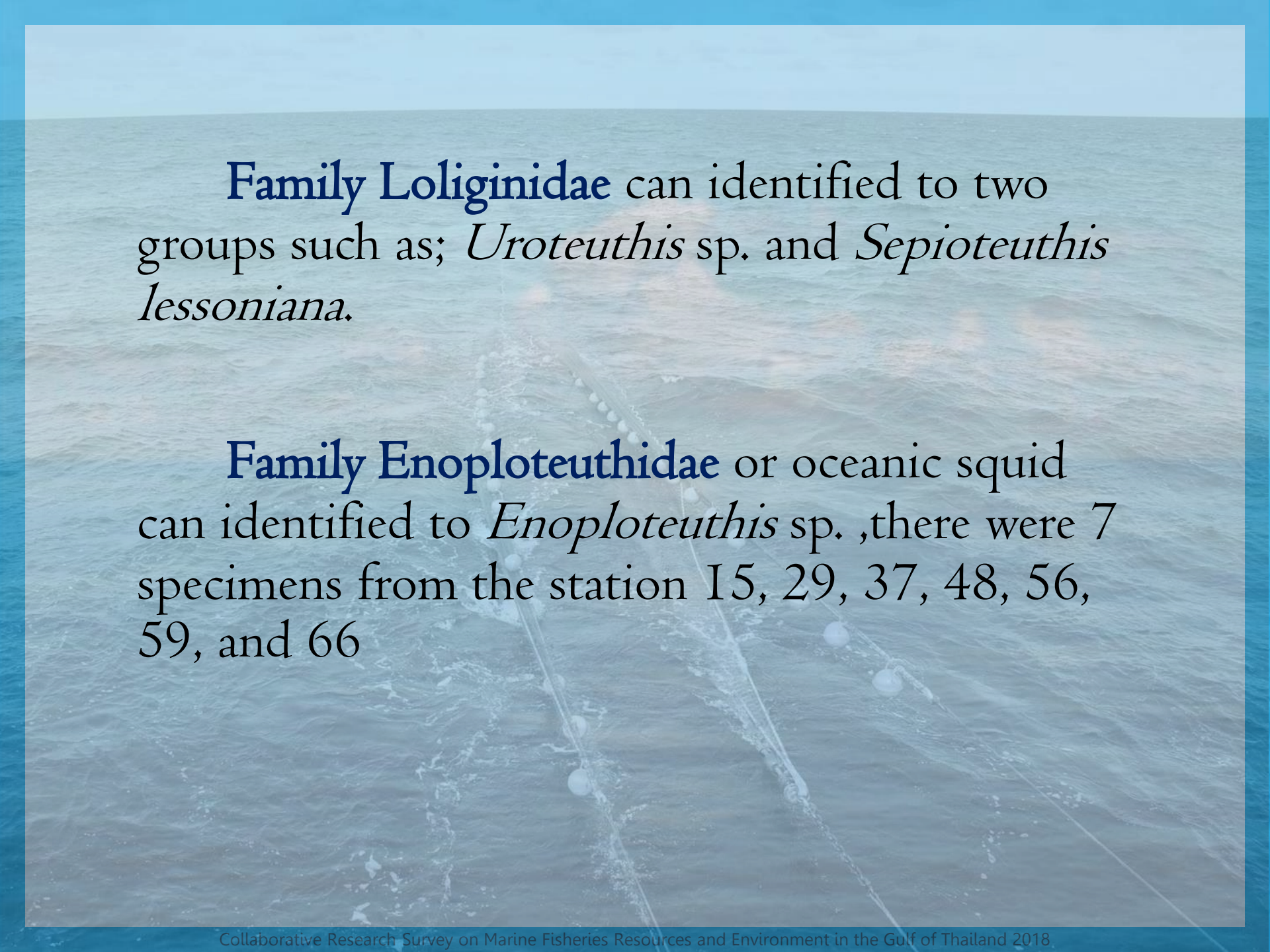


# Subject

Species, and distribution of paralarvae were observed, and the result showed that the specimens of paralarvae can be collected from 41 sampling stations and the total amount was 79 specimens. The abundance of cephalopod paralarvae were 0-36 specimens / 1000 m<sup>3</sup>, specimens had been classified into 3 families: Family Octopodidae, Family Loliginidae and Family Enoploteuthidae.

The most abundant were found in the Family Octopodidae can be identified to 3 species consist of sp.1 was 56 specimens, sp.2 was 8 specimens, and sp.3 was 1 specimen.



The background of the slide is a photograph of a fishing boat's net being pulled through the ocean. The net is a large, white, mesh-like structure that stretches across the frame, with several white floats visible along its length. The water is a deep blue-grey color, and the sky is a lighter blue. The overall scene is a maritime fishing operation.

**Family Loliginidae** can identified to two groups such as; *Uroteuthis* sp. and *Sepioteuthis lessoniana*.

**Family Enoploteuthidae** or oceanic squid can identified to *Enoploteuthis* sp. ,there were 7 specimens from the station I5, 29, 37, 48, 56, 59, and 66

# Subject

Station No.59 was abundant of cephalopods paralarvae were found all of 3 families and the total number were 8 specimens, including Family Octopodidae was 5 specimens, Family Loliginidae was 2 specimens and Family Enoploteuthidae was 1 specimen.

Station No.10 was the most station that found the highest octopus paralarvae followed by station No.49 and No.26 that found at 6, 5 and 4 specimens, respectively.

# Conclusion

The study of species and distribution of cephalopod paralarvae from oceanic surveyed in The Gulf of Thailand by MV SEAFDEC 2 between 17 August to 18 October 2018 were found cephalopod paralarvae in 41 stations with 3 families such as Family Octopodidae, Family Loliginidae and Family Enoploteuthidae.

The most abundance of cephalopod paralarvae was Family Octopodidae with 65 specimens while Family Loliginidae and Family Enoploteuthidae was 7 specimens.



## F. Octopodidae



Sp.1



Sp.2



Sp.3

# F. Loliginidae



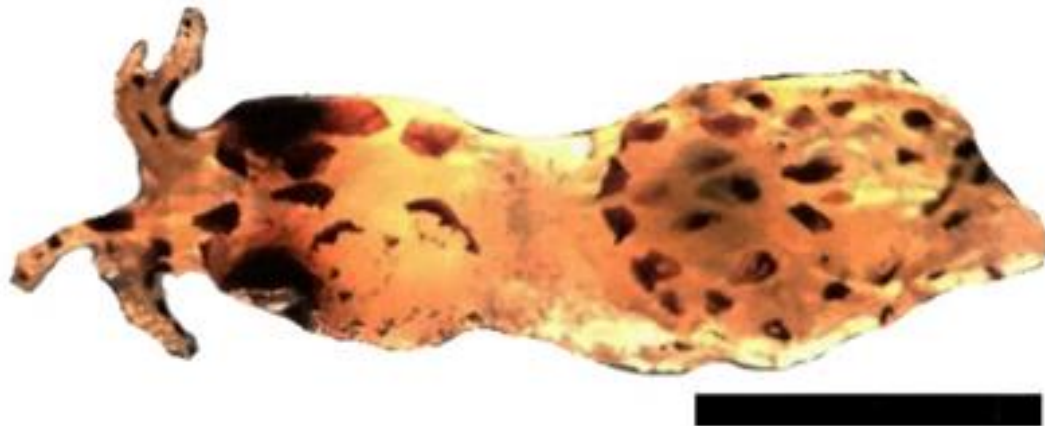
Uroteuthis sp.



*Sepioteuthis lessoniana*



## Family Enoploteuthidae



*Enoploteuthis* sp.

