

Rizvi College of Arts, Science & Commerce

OIL SARDINE FISHERY

TYBSc.

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DEPARTMENT OF ZOOLOGY

Sardinella longiceps fishery

INTRODUCTION

- Contribute to fisheries wealth of this country.
- Cheap source of protein.

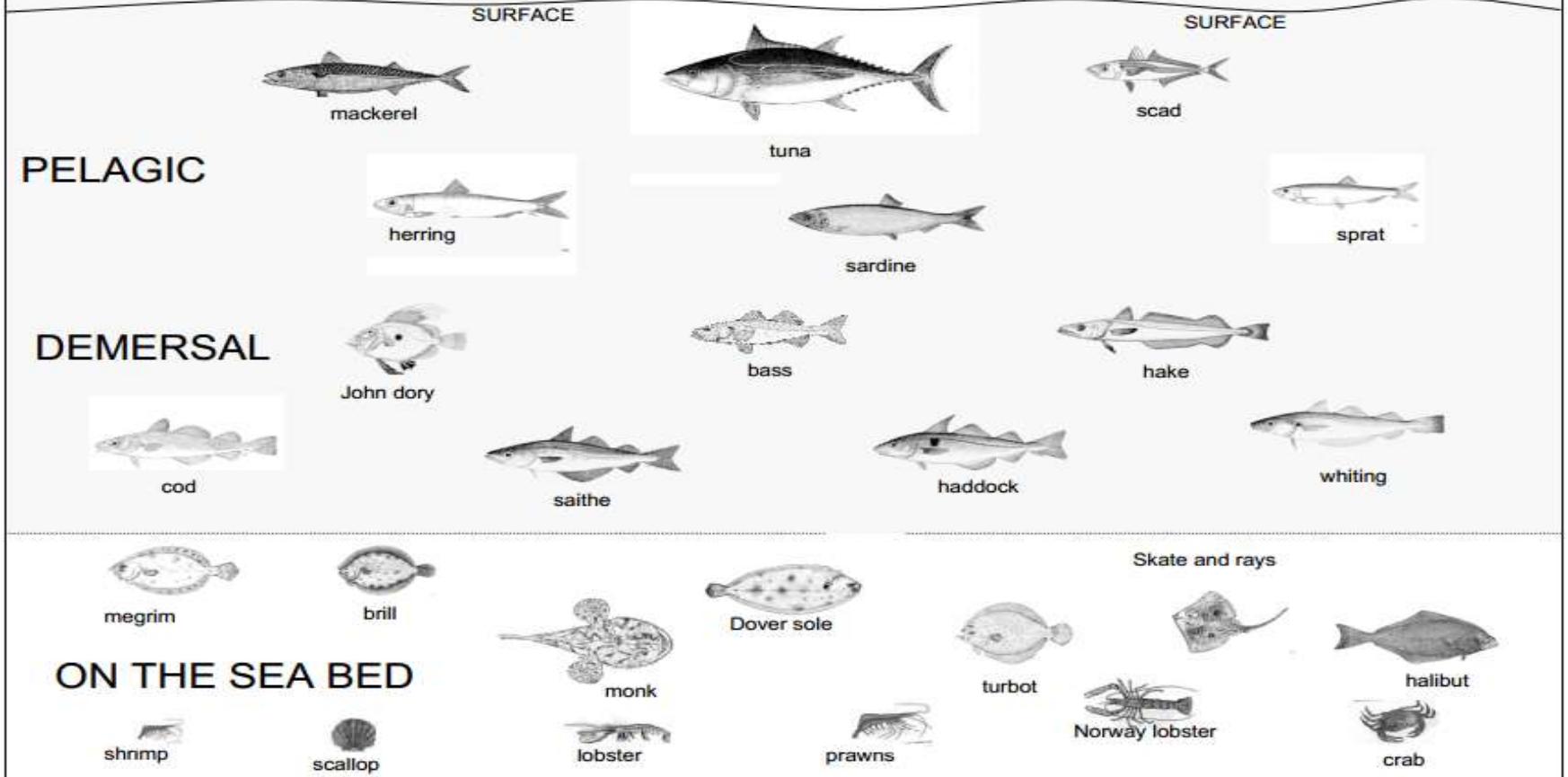


HABITAT

Marine pelagic fish

Depth range : 20 to 200 meters

FISH SPECIES IN THE WATER COLUMN



DISTRIBUTION IN INDIA

- Kerala and Karnataka coast.
- Maharashtra,
- East coast.
- Effect of global warming

CHARACTERISTICS

- Body profile
- Colouration
- Fins



OIL SARDINE

FECUNDITY

It liberates 70,000 – 80,000 eggs on an average.

EARLY LIFE HISTORY

- Eggs
- larva

SHOALING BEHAVIOUR

- *Sardinella longiceps* exhibits shoaling behaviour.
- Definition.
- Characteristics of *Sardinella longiceps* shoal.



Shoaling behaviour of *Sardinella longiceps*

CRAFTS



Dugout Canoe

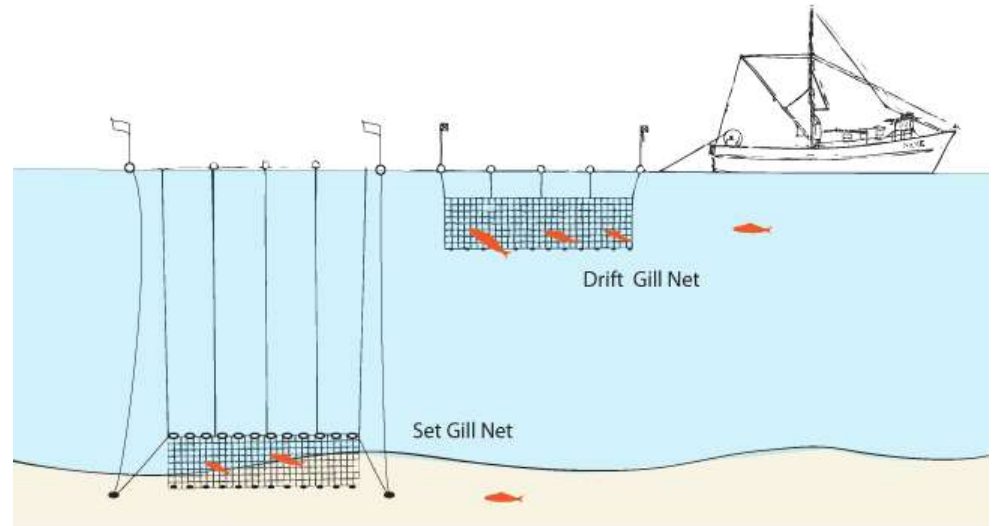


Out rigger Canoe

GEARS



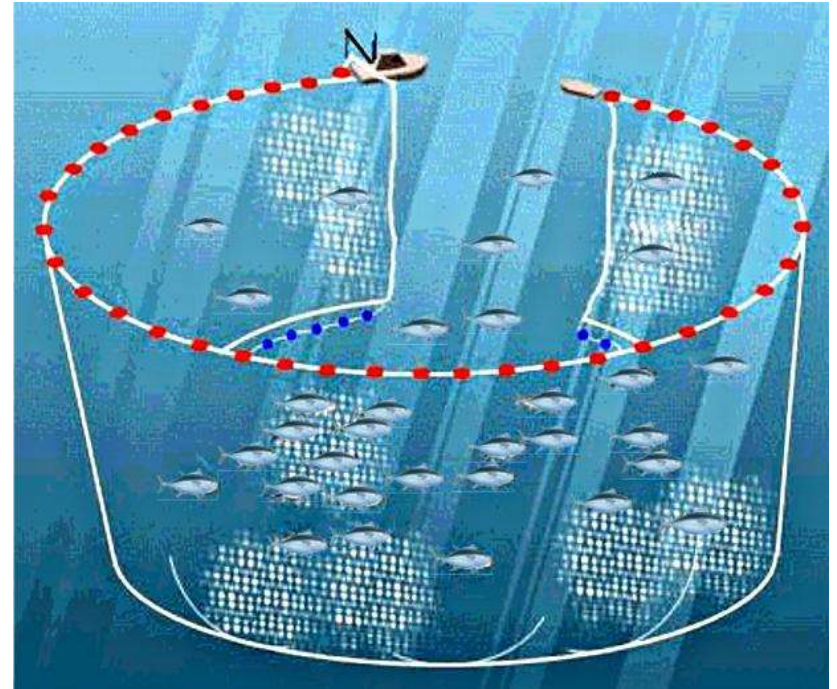
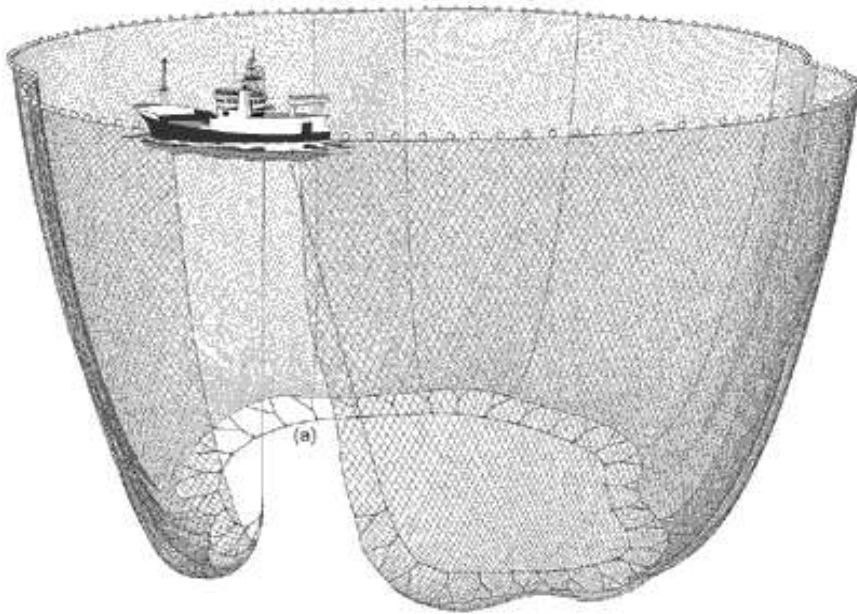
Cast net



Gill net

Purse – Seine Net

- **Characteristics**
- **Uses**
- **Operation**



A diagrammatic representation of purse seining

ECONOMIC IMPORTANCE



- Consumed in fresh condition
- Sun – dried
- Canned
- Sardine oil
- Guano
- Sardine fish meal

