

Species Identification

Philippines

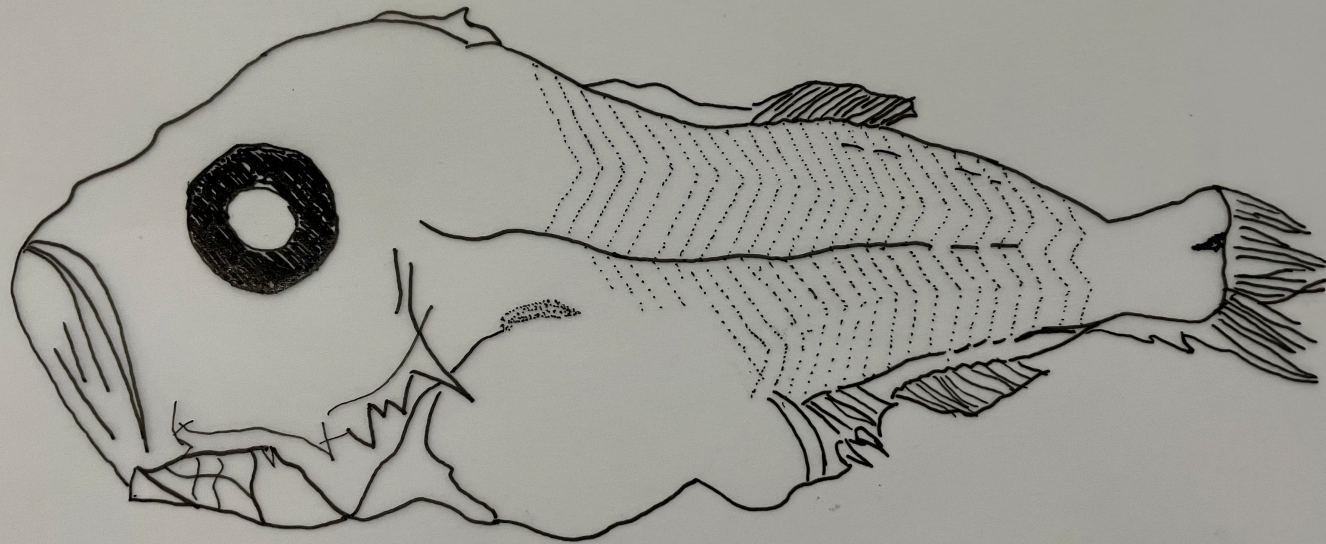


Sample 1: Carangidae

Morphological Descriptions

- Body depth: 1.77 mm
- Body length: 4.22 mm
- Eye diameter: 0.52 mm
- Head length: 1.65 mm
- PDL: mm
- SnL: 0.58 mm
- Dorsal:
- A:
- P₁:
- P₂:
- V:
- Description:
 - Body moderately elongate (Group II)
 - Supraoccipital crest (SOC) is present and has a pointed part at the middle
 - Notable melanophores on the ventral and midline
 - Presence of Preopercular spination





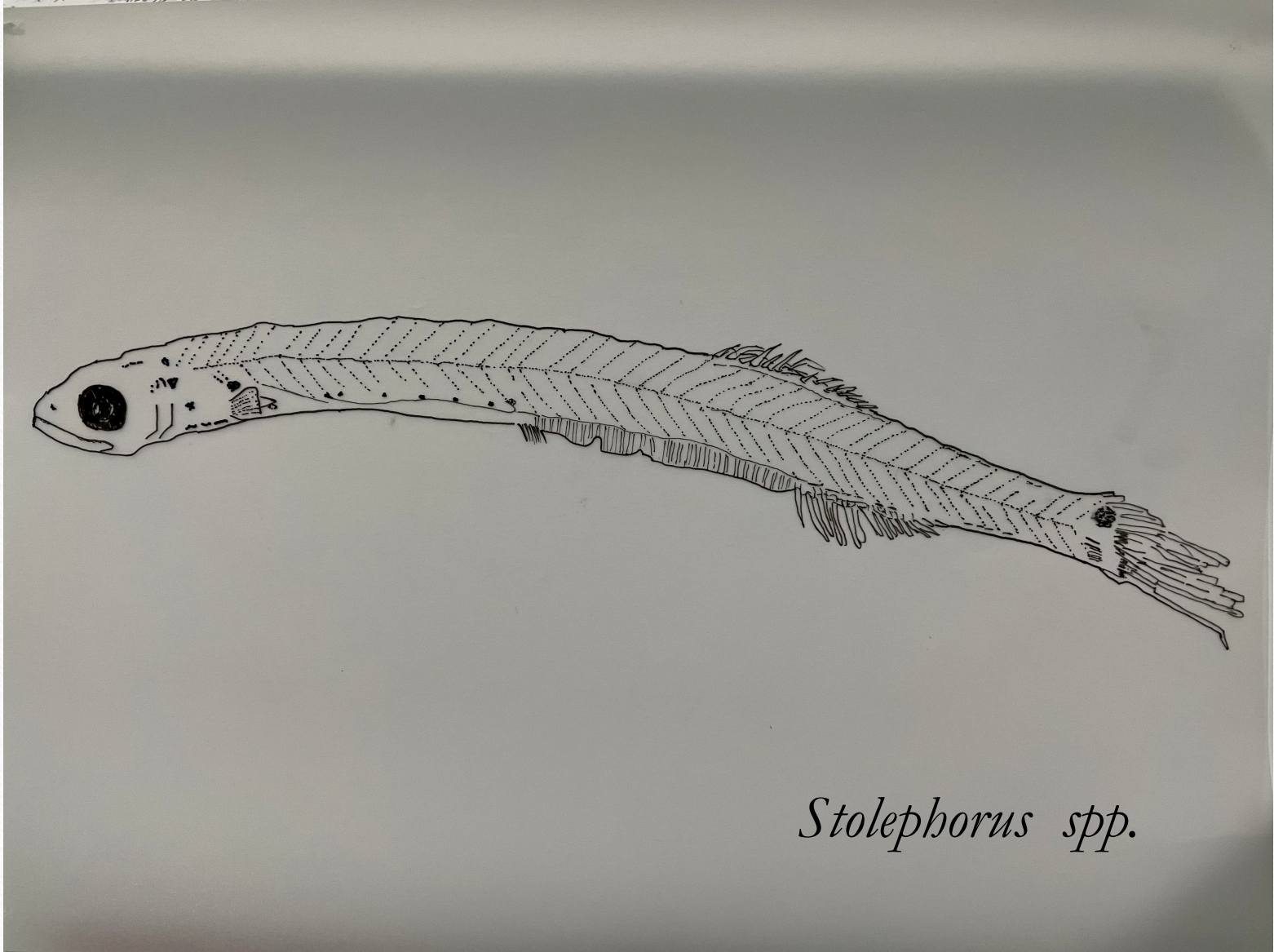
Selaroides leptolepis

Sample 2: Engraulidae

Morphological Descriptions

- Body depth: 1.32 mm
- Body length: 14.55 mm
- Eye diameter: 0.61 mm
- Head length: 2.45 mm
- PDL: --- mm
- SnL: 0.64 mm
- Dorsal: 14
- A: 16
- P₁:
- P₂:
- M: 43
- Description:
 - Body very elongate
 - Start of anal is located at the mid posterior part of the dorsal fin
 - Series of melanophores on the ventral portion of the body (from below the operculum up to caudal fin base)





Stolephorus spp.

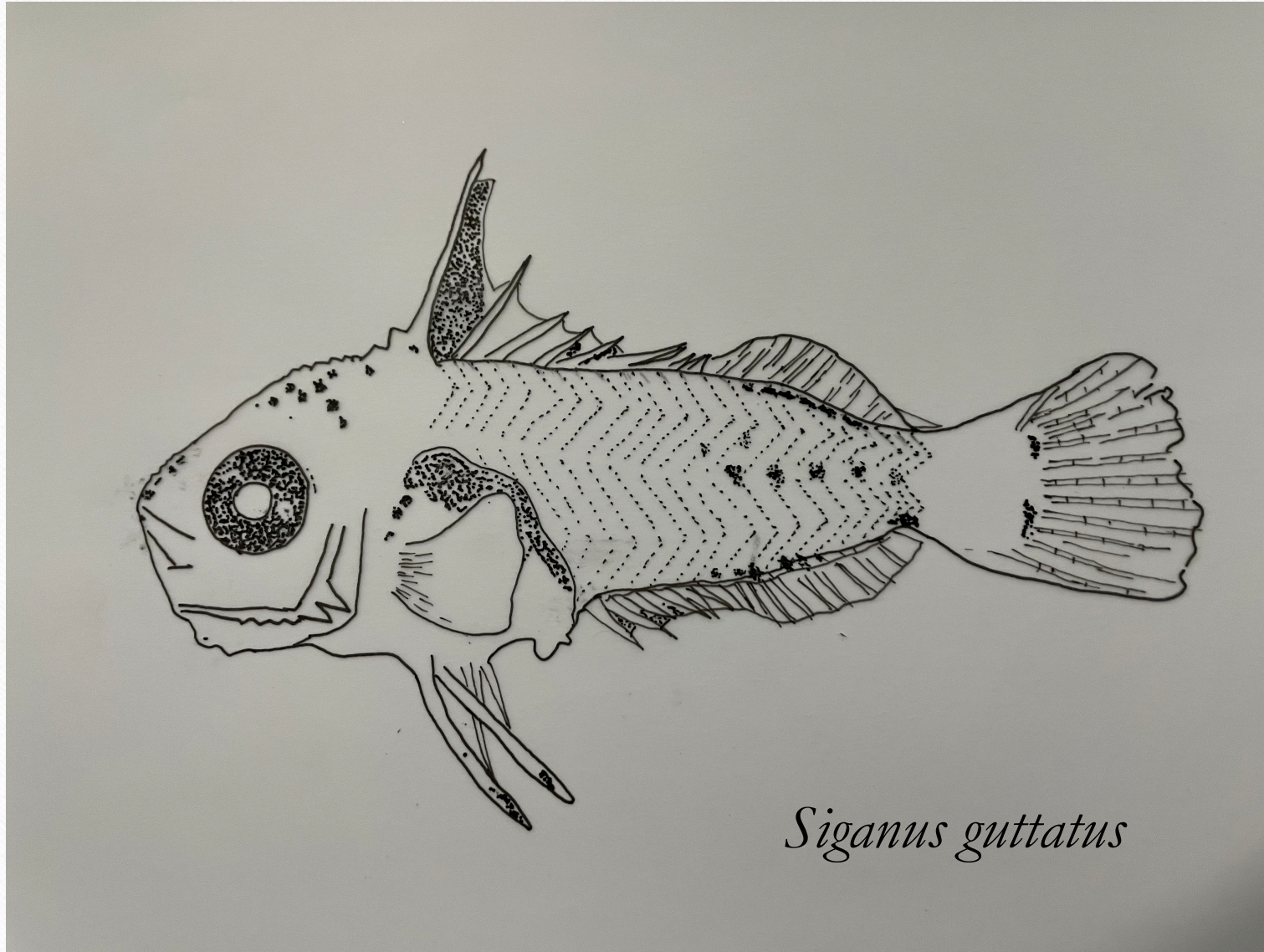
Sample 3: Siganiidae

Morphological Descriptions

-
- Body depth: 2.23 mm
 - Body length: 6.57 mm
 - Eye diameter: 0.79 mm
 - Head length: 2.02 mm
 - PDL: ---- mm
 - SnL: 0.55 mm
 - Dorsal: XIII, 10
 - A: VII, 9
 - P₁: 17
 - P₂: I, 3, I
 - V: 23
 - Description:
 - Serrated snout and frontal lobe
 - Heavy pigmentation on the 2nd dorsal spine
 - Series of melanophores at the base of 2nd dorsal fin and along the midline



1mm

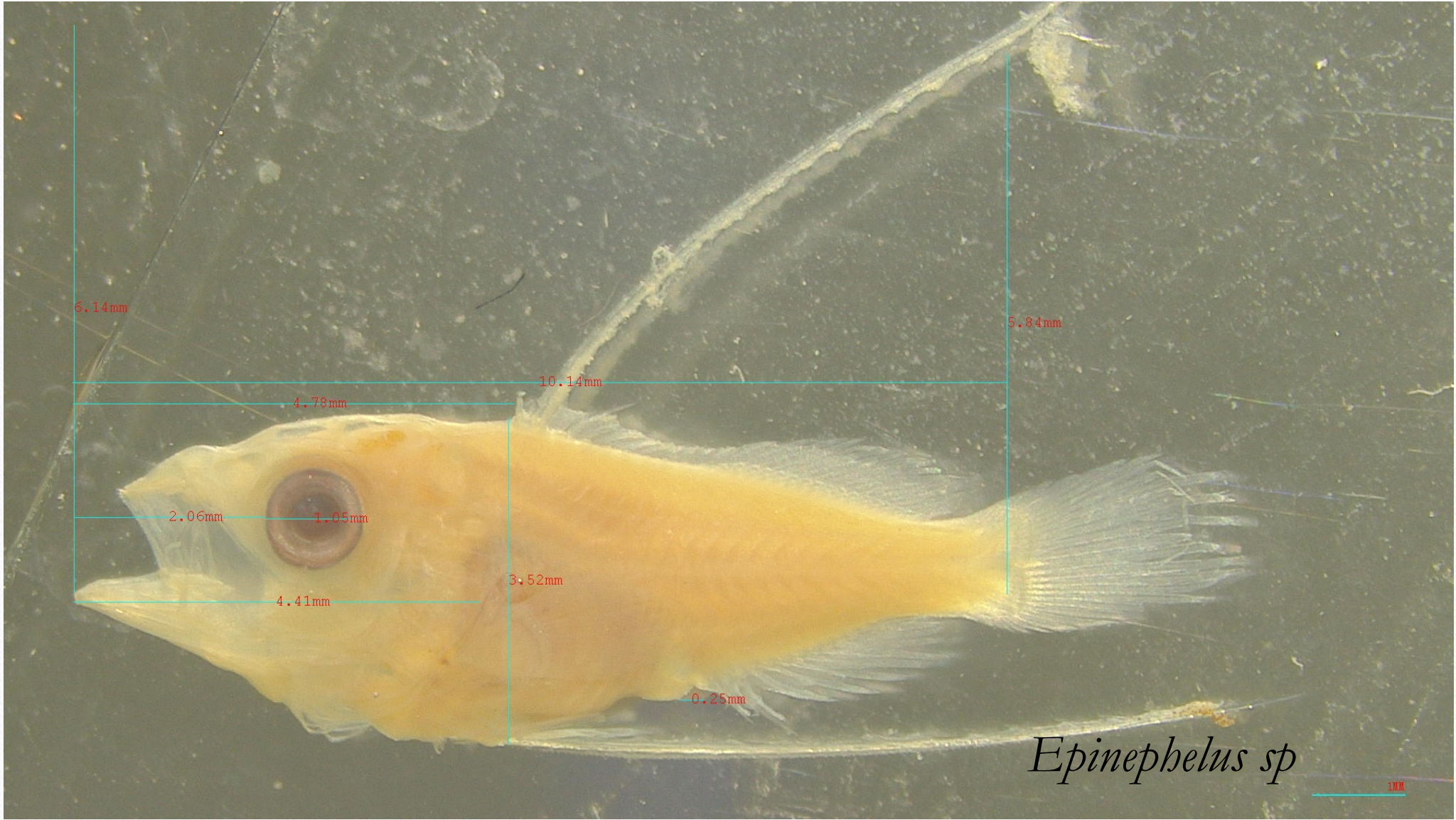


Siganus guttatus

Sample 4: Serranidae

Morphological Descriptions

-
- Body depth: 3.52 mm
 - Body length: 10.14 mm
 - Eye diameter: 1.05 mm
 - Head length: 4.41 mm
 - PDL: 4.78 mm
 - SnL: 2.06 mm
 - Dorsal: X- 16 – 17
 - Anal: II- 8
 - P₂: III
 - Description:
 - Very long dorsal (2nd) and pelvic (1st)
 - Fine serration on the anterior margin of the spine
 - Large serration on the posterior margin of the spine
 - Fin membrane pigmented



Epinephelus sp

1mm

Future Plan

- Study the migration of *C. ignobilis* larvae from the seawater environment (*Balayan Bay*) to the freshwater environment (*Taal Lake*).
- Apply the same study on:
 - Siganids
- Abundance and Distribution of Ichthyoplankton in Northern Palawan focusing on *Decaptus spp* and other small pelagics

Salamat po!