

Morphological data & first record of *Lecithocladium excisum* (rudolphi, 1819) (Digenea; Hemiuridae) in the new host *Capros aper* (linnaeus, 1758) (Caproidae) off the Algerian coast in the Mediterranean sea.
ZEDAM Fatima Zohra

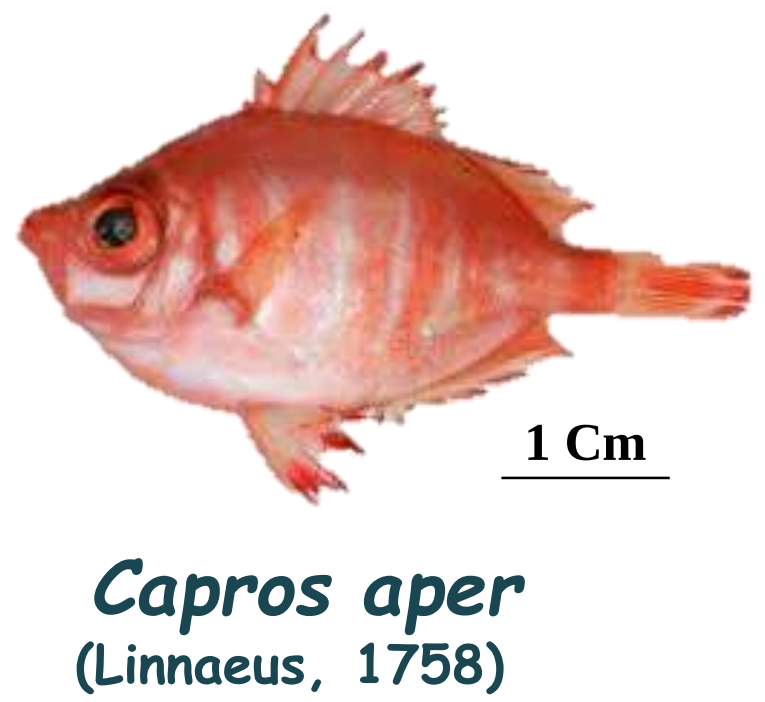
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INTRODUCTION & AIM

The Hemiuridae Looss, 1899 are represented by *Lecithocladium excisum* (Rudolphi, 1819), currently a valid species (WoRMS, 2025). *L. excisum* was first described in the stomach and intestine of *Scomber scombrus* Linnaeus, 1758 (Scombridae) from off the coast of Rimini, Italy, Mer Mediterranean (Looss, 1901).
We record this species for the first time in in New host *Capros aper* (Linnaeus, 1758) from along Algeria coastline.

METHOD

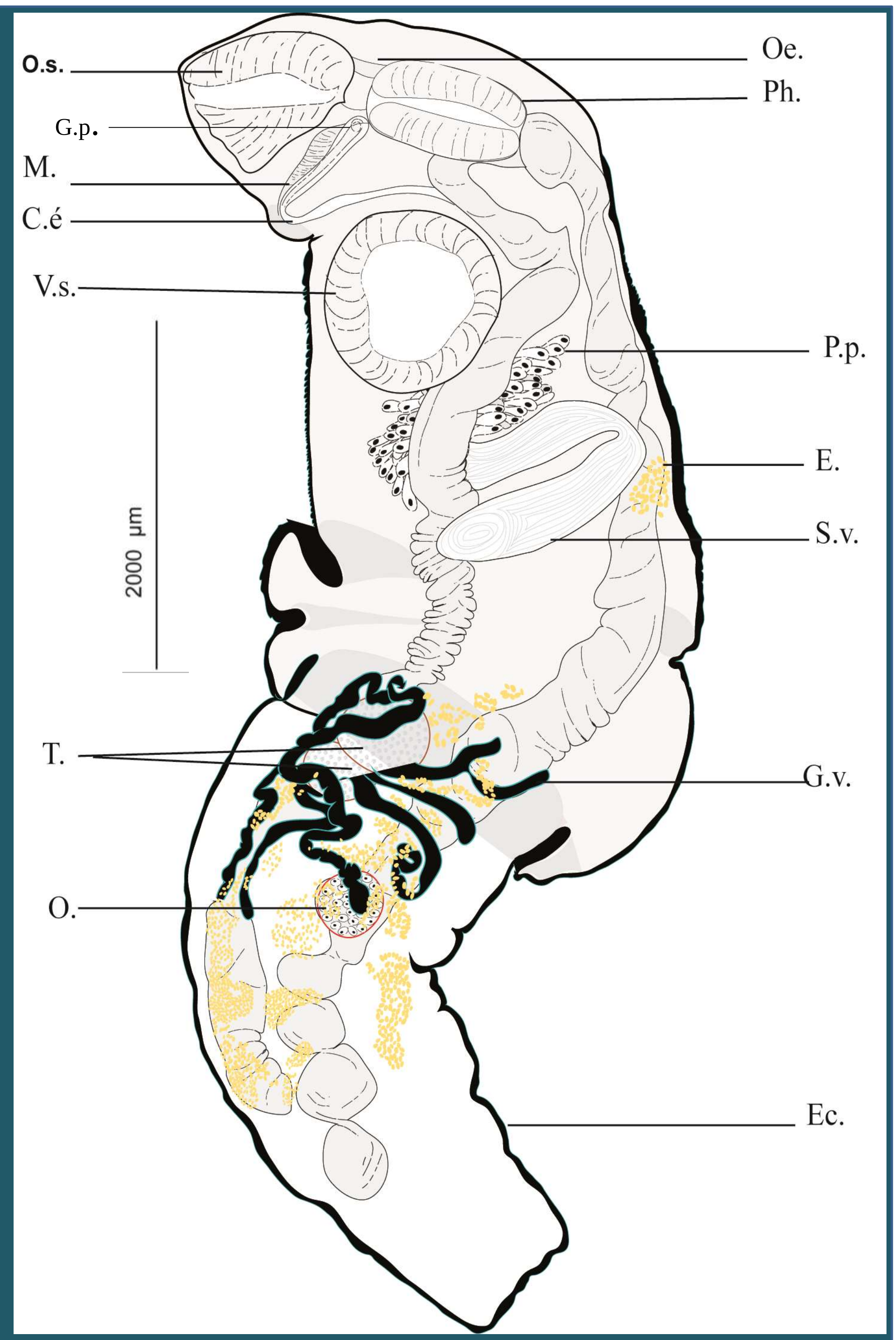
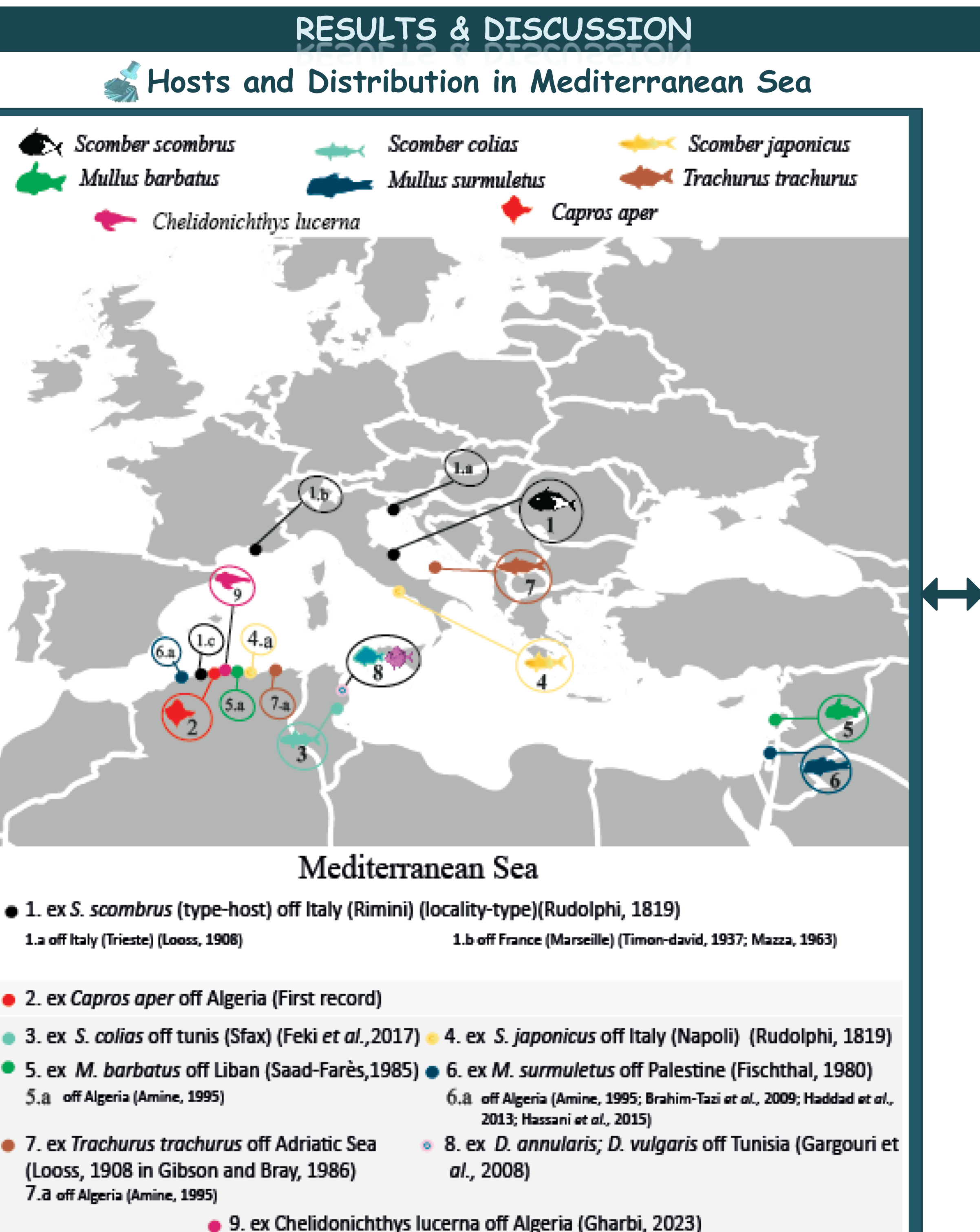
As part of a continuing effort to explore the diversity of Digenea flatworm parasites of fishes off Algeria, 30 specimens of *Capros aper* (Linnaeus, 1758) collected off Algeria, southwestern Mediterranean.
The digestive tube was carefully examined for the presence of parasitic Digeneans.



Cl/ Trematoda
S/Cl Digenea
F/ Hemiuridae Looss, 1899
G/ *Lecithocladium* Lühe, 1901



Morphological study



O.s.: Oral sucker. V.s.: Ventral sucker. Ph.: Pharynx. O.: Ovary. T.: Testis. E.: Egg. S.v.: seminal vesicle. G.p.: genital pore. E.d.: ejaculatory duct. G.v.: vitellogenic gland. P.p.: pars prostatica. M.: Metraterm. Ec.: Ecsoma.

Lecithocladium excisum (Rudolphi, 1819). Ventral view

CONCLUSION

* *Lecithocladium excisum* is a species found along the Algerian coast in various hosts of different families: **Mullidae; Scombridae; Triglidae; Caproidae**
* **Morpho-anatomical analysis** shows that our specie have: the **presence of body folds**, a funnel-shaped oral sucker, a large seminal vesicle, tubular vitellogenic glands.
* This study presented highlight the importance of the **descriptions of Morphology** in the assessment of Digenea **diversity** in the Mediterranean fish

REFERENCES

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- Ndiaye P. I., Diagne P. M., Sène A., Bakhoum A. J. S. & Miquel J., 2012. Ultrastructure of the spermatozoon of the digenean *Lecithocladium excisum* (Rudolphi, 1819) (Hemiuroidea : Hemiuridae), a parasite of marine teleosts in Senegal. *Folia Parasitologica*, 59 (3) : 173-178.

Acknowledgments



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