

NEW RECORDS OF SOME DIGENETIC TREMATODES IN SOME MARINE FISHES FROM ALGERIA

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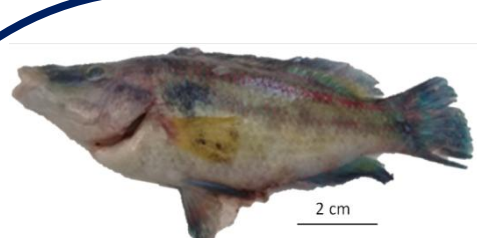
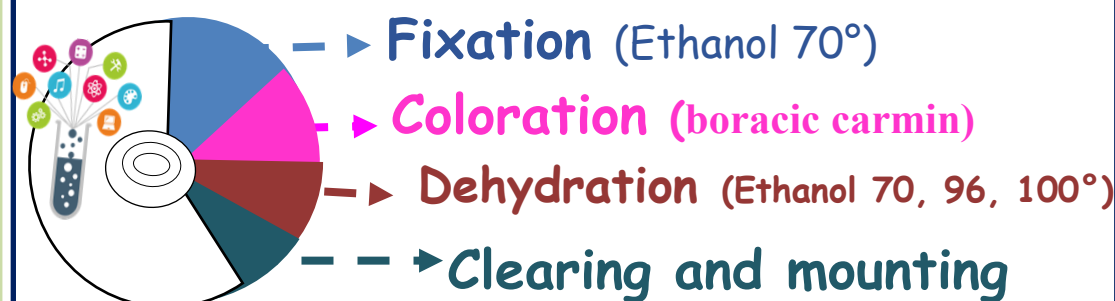
INTRODUCTION & AIM

The digenean parasitic fauna present in the intestines of teleost fish, particularly in the *Haemulidae*, *Labridae* and *Phycidae* families, has been extensively studied in terms of its presence and morphological variation. However, little is known about this group of parasites in the Mediterranean, and no research has been conducted in Algeria to date.

In this study, we analysed the community of digenean parasites of three species belonging to the *Opecoelidae* family: *Gaevskajatrema perezi* (Mathias, 1926), *Allopodocotyle israelensis* (Fischthal, 1980) and *Bathycreadium elongatum* (Maillard, 1970), found in *Symphodus tinca* (Linnaeus, 1758), *Pomadasys incisus* (Bowdich, 1825) and *Phycis phycis* (Linnaeus, 1758), respectively.

METHOD

2 - Methodology of Morpho-anatomic study



Symphodus tinca

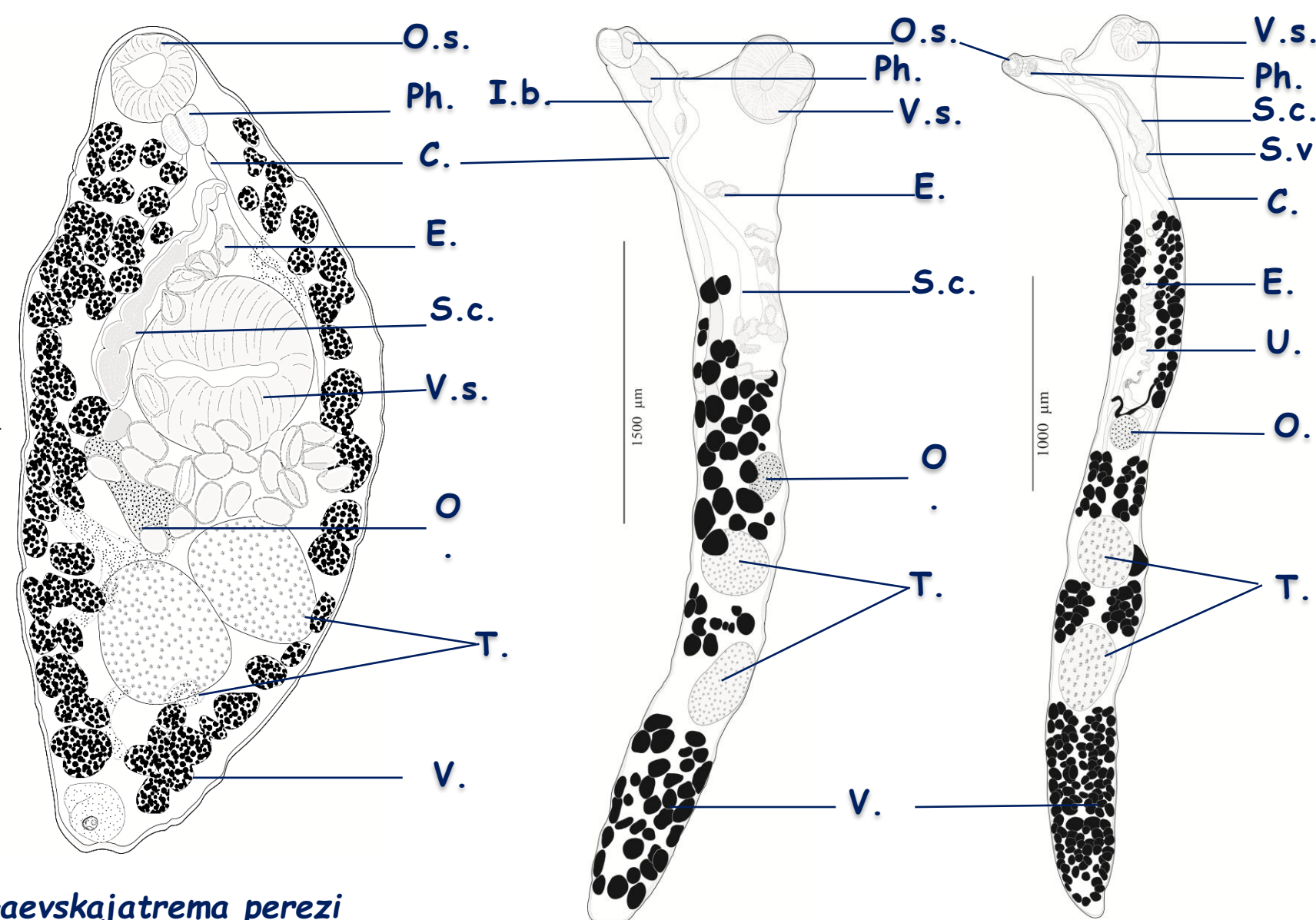


Pomadasys incisus



Phycis phycis

RESULTS



O.s.: oral sucker; Ph.: pharynx; V.s.: Sucker ventral; O.: Ovary; T.: Testis; S.c.: Cirrus sac; E.: Egg; V.: vitellarium; C.: caecum. S.v.: Seminal vesicle; I.b.: intestinal bifurcation.

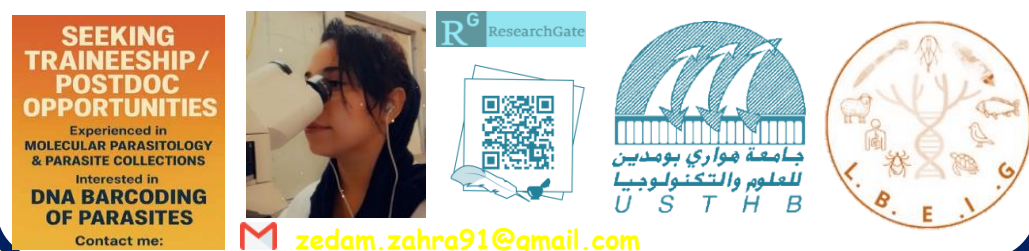
DISCUSSION

- ❖ The identification of these Digenea is based on morphological data. We have provided **new morphological data** from new individuals collected in the southwestern Mediterranean (Algeria).
- ❖ All these parasites are known to be distributed geographically only in the Mediterranean region. We are reporting them for the **first time on the Algerian coast**.

CONCLUSION

- ❖ This study highlights the importance of **MORPHOLOGICAL DESCRIPTIONS** in assessing the **DIVERSITY OF DIGENEA** in Mediterranean fishes.

Acknowledgments



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