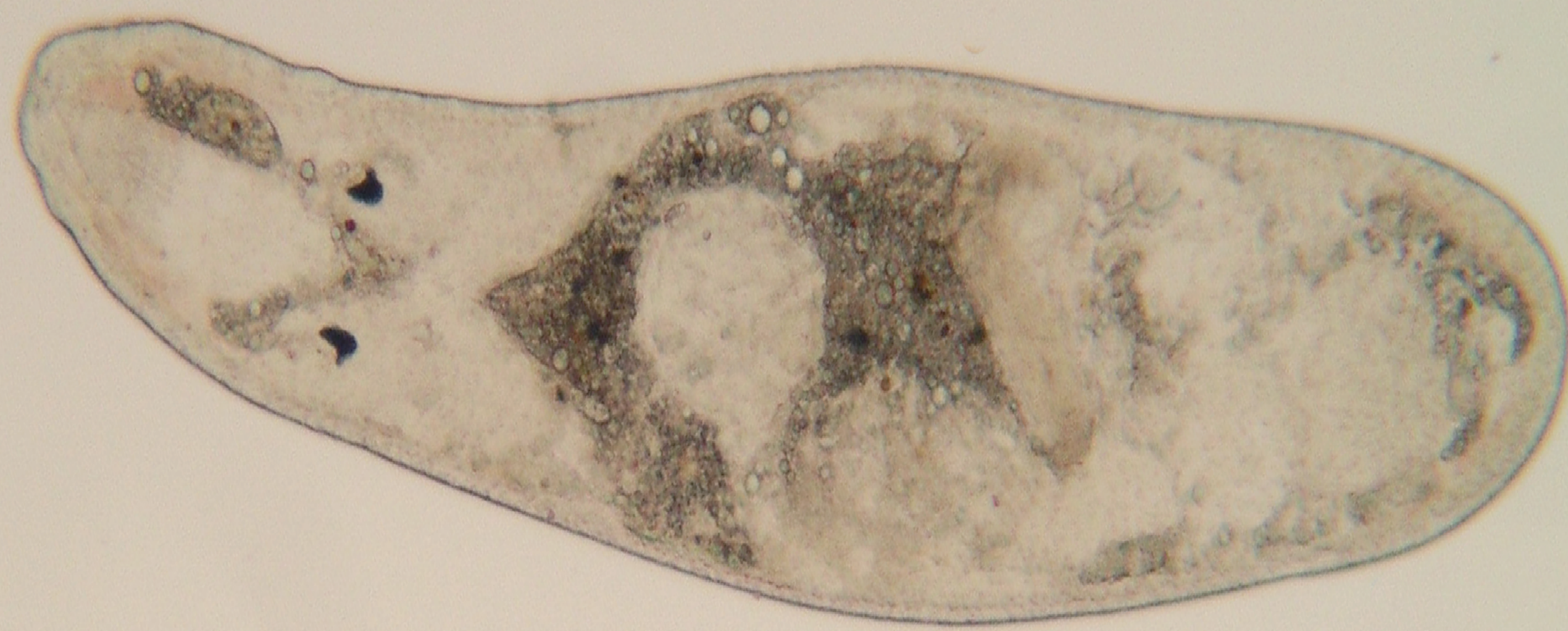
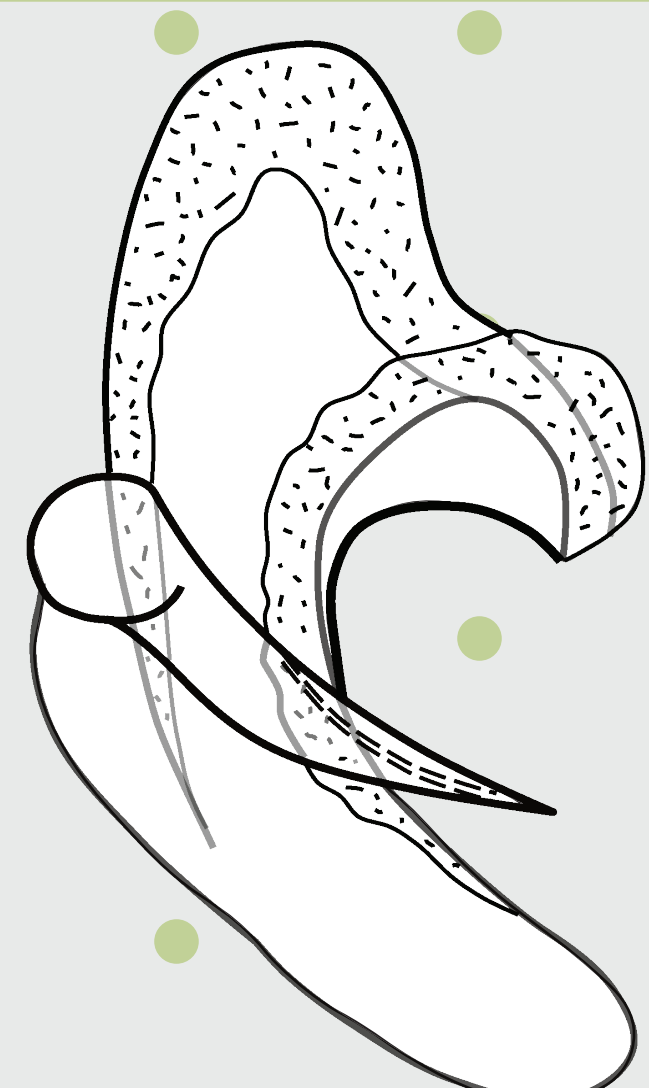


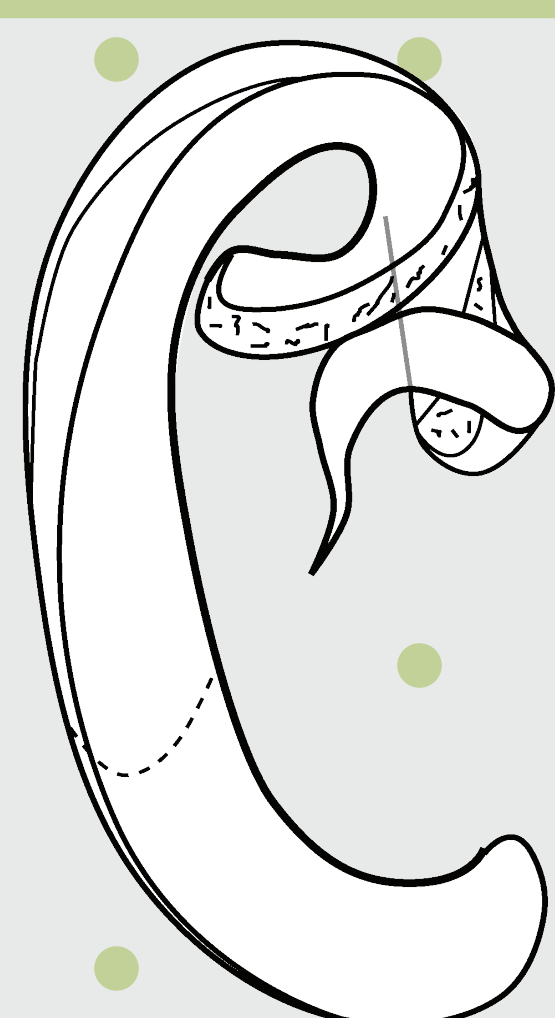
ON THE GENUS LAGENOPOLYCYSTIS ARTOIS AND SCHOCKAERT, 2000 (PLATYHELMINTHES, KALYPTORHYNCHIA, POLYCYSTIDIDAE)



MARLIES MONNENS, ERNEST R. SCHOCKAERT, YANDER L. DIEZ, NATHALIE REVIS, TOON JANSSEN, PHILIPPE E. H. JOUK, BART TESSENS, NIELS W. L. VAN STEENKISTE & TOM J. ARTOIS



L. peresi (Brunet, 1965)
Artois & Schockaert, 2000 TYPE



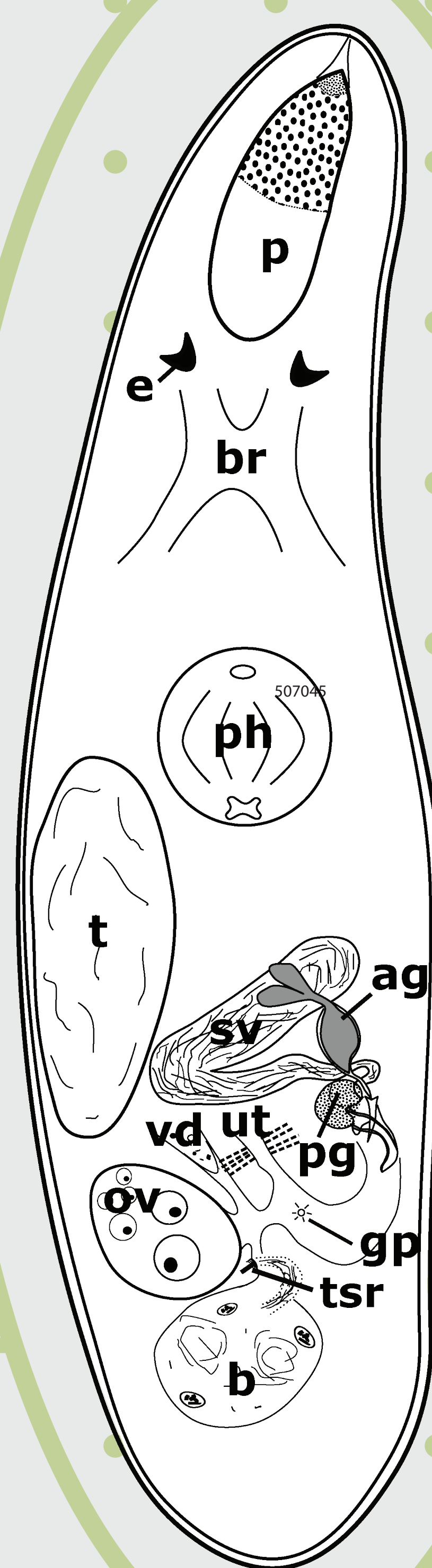
L. mutabilis Artois &
Schockaert n. sp.



L. poena Artois, Van
Steenkiste, Diez &
Schockaert n. sp.



L. mandelai Artois & Schock-
aert, 2000

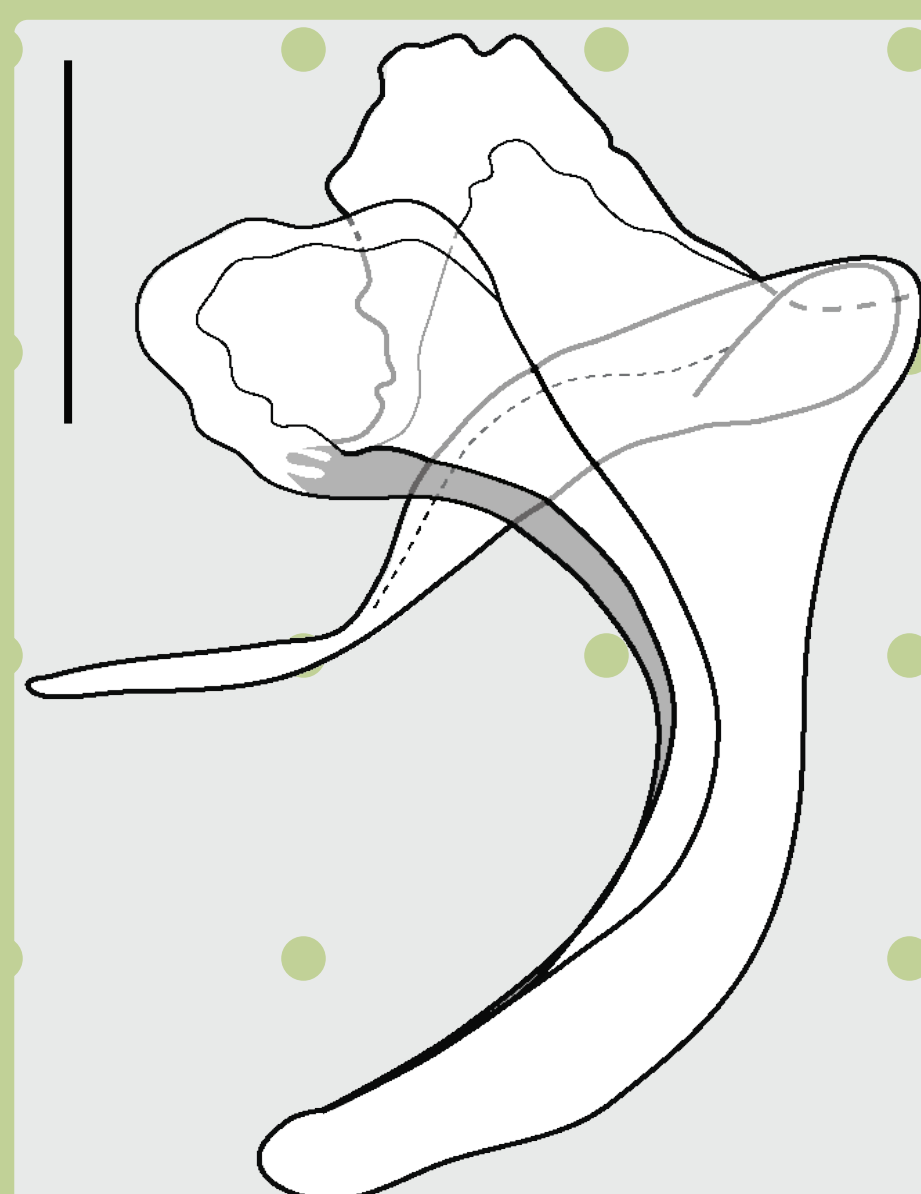


DIAGNOSIS

Species of Typhlopolycestidinae with a proboscis of 1/5 of the body length and with eyes. Copulatory organ with prostate vesicle and accessory glandular reservoir, a gutter-like prostate stylet, and a tubiform accessory stylet, the latter attached at one of the walls of the prostate stylet. With a sclerotised tubiform appendage ("seminal receptacle") at the entrance of the oviduct.

ABBREVIATIONS

ag: accessory glandular reservoir; ap: apex of the proboscis; as: accessory stylet; b: bursa; br: brain; co: copulatory organ; e: eye; fd: female duct; gl: glands; gp: gonopore; ov: ovary; p: proboscis; ph: pharynx; pg: prostate glands; ps: prostate stylet; pv: prostate vesicle; sd: seminal duct; tsr: tube of "seminal receptacle"; sph: sphincter; sv: seminal vesicle; t: testis; vd: vitelloduct



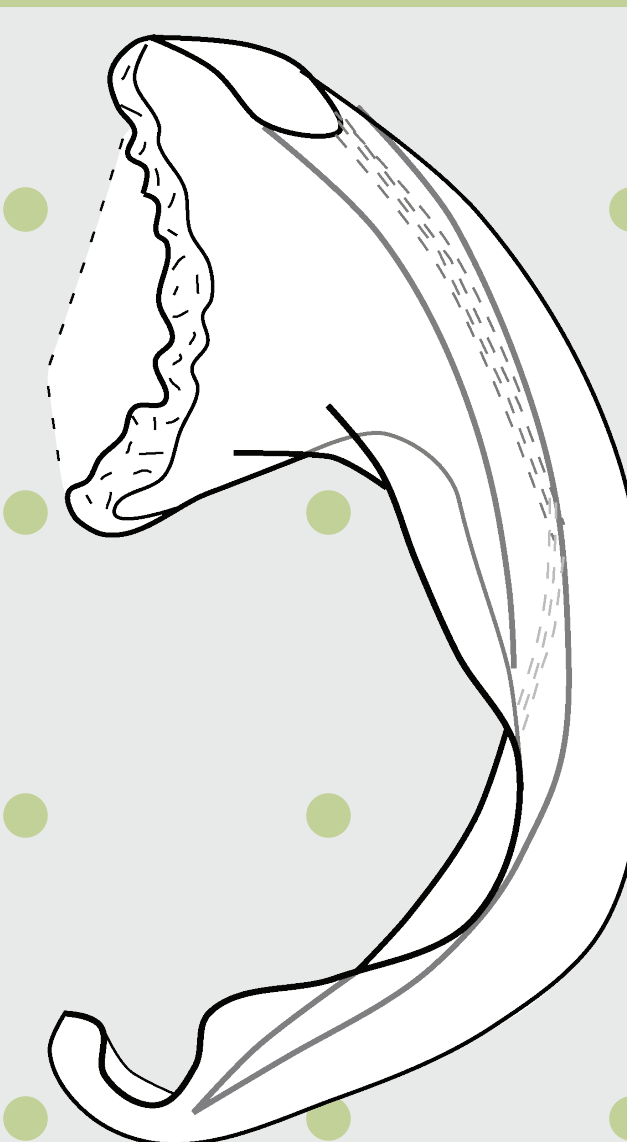
L. azorensis Monnens,
Schockaert, Jouk &
Artois n. sp.



L. articulata Schock-
aert & Artois n. sp.



L. canariensis Schock-
aert, Diez, Janssen &
Artois n. sp.



L. conglobata Schock-
aert & Artois n. sp.



Fieldwork from 1961 to 2019 in various localities in the Azores, the Canary Islands (Lanzarote), Corsica, Southern France, Southern Portugal, Sardinia, South Africa, and Sweden. Specimens extracted from sediment or algae using $MgCl_2$ decantation (Schockaert, 1996). Collected material studied alive, drawn, and, when possible, photovouchered before being mounted in lactophenol. Drawings of sclerotised structures made using a camera lucida on a Leitz Dialux 22 microscope or Leica DM2500 LED microscope; scale bar = 20 μm . Micrographs taken using interference contrast.

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