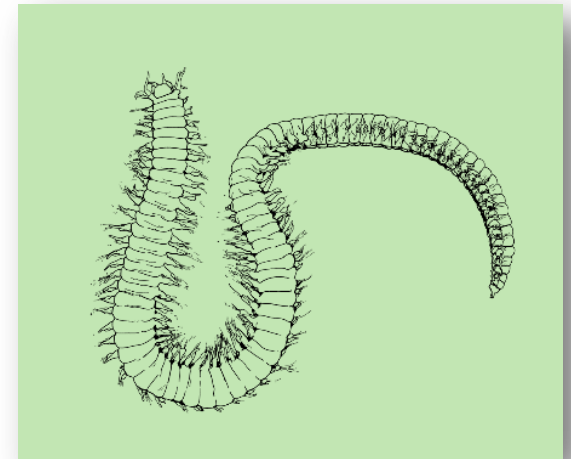
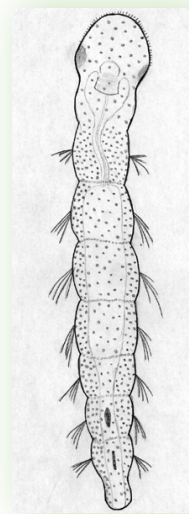
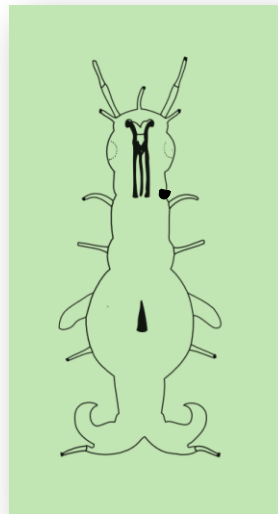


Non-clitellate Annelida (includes 'polychaetes' and Aphanoneura)

Chris Glasby¹, Tarmo Timm², ?and others

¹Museum & Art Gallery Northern Territory, Darwin, Australia

²Centre for Limnology, Estonian University for Life Sciences, Rannu, Estonia

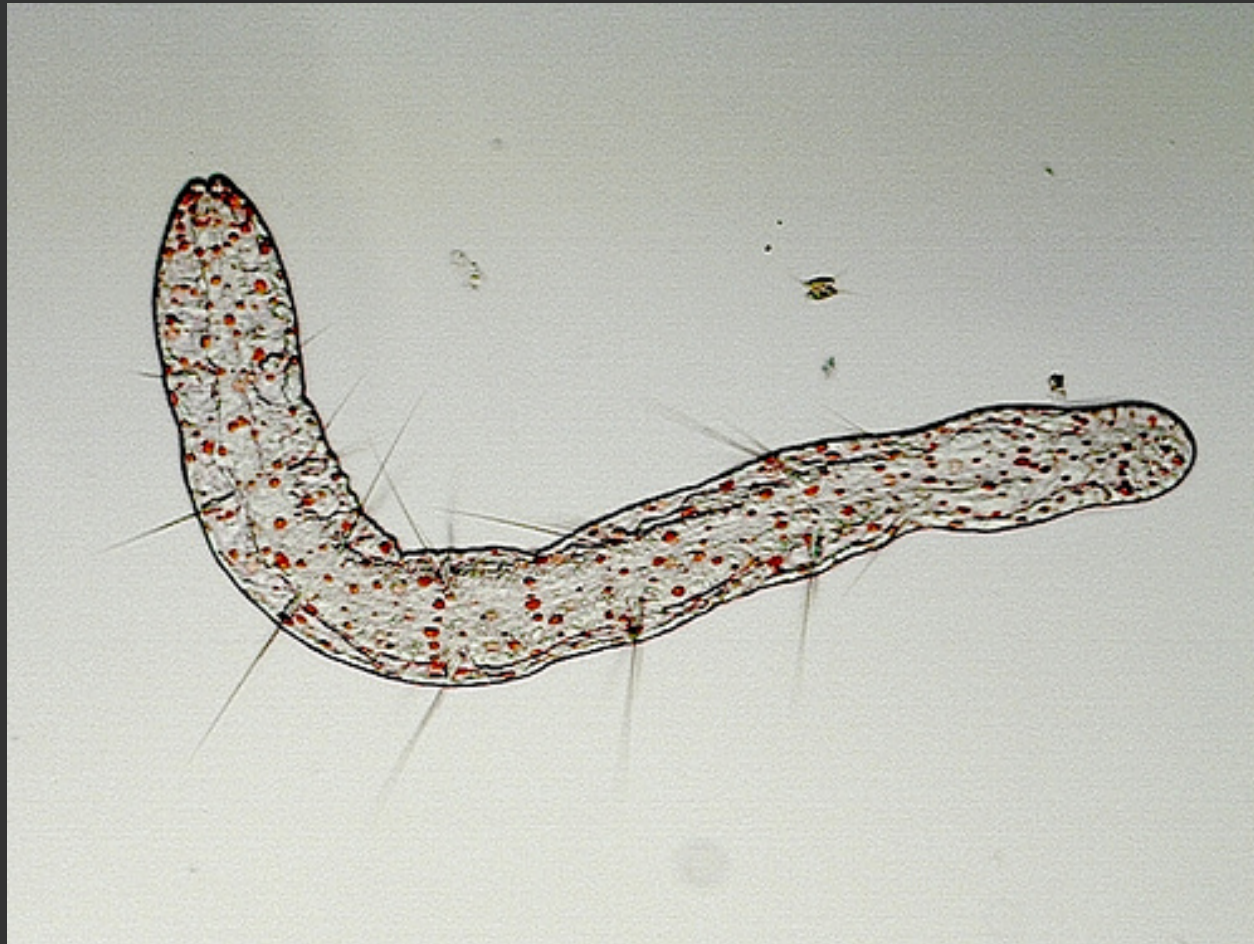


General background

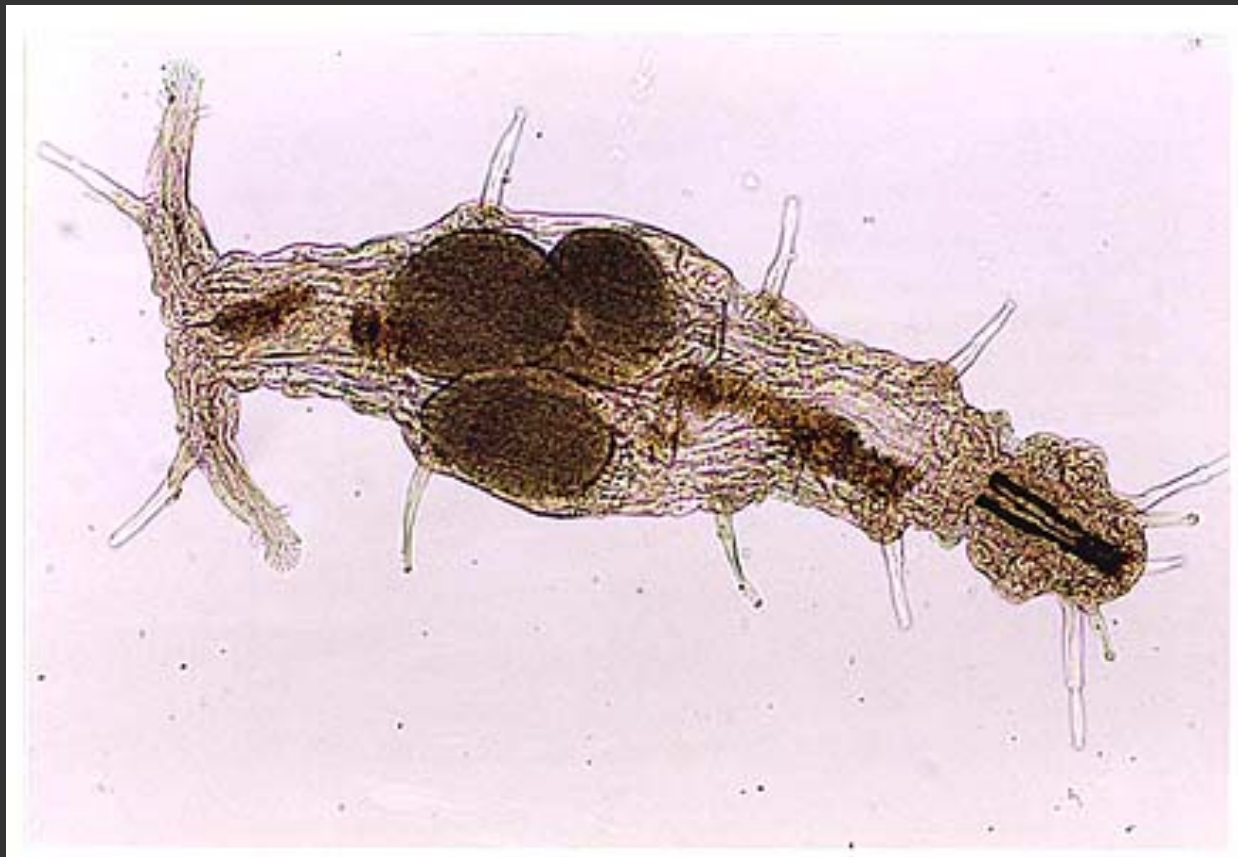
- ▶ 230 freshwater species (83 genera, 26 families) (2015 estimate)
- ▶ Freshwater forms are globally distributed; most common in Palearctic, Neotropical, Oriental
- ▶ All types freshwater habitats; also many euryhaline species
- ▶ Mostly free-living, some parasitic
- ▶ No IUCN listed species



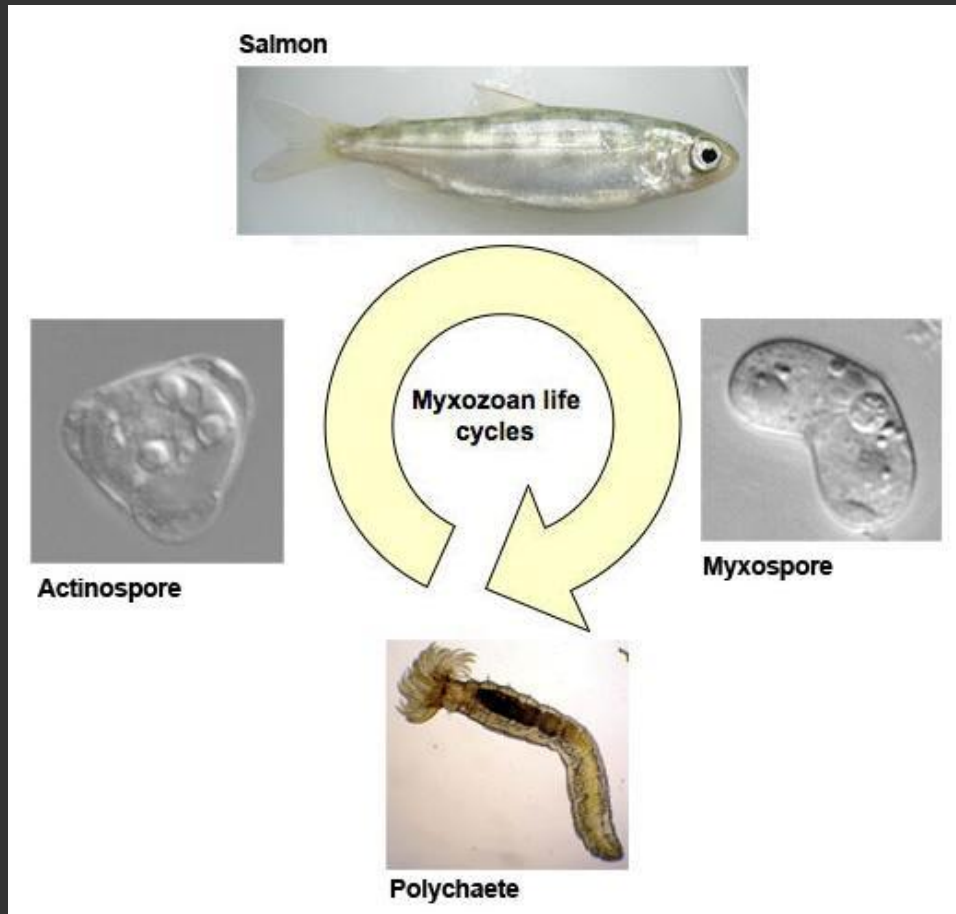
Namalycastis sp.
(Nereididae)



Aelosoma hemprichi
Aelosomatidae

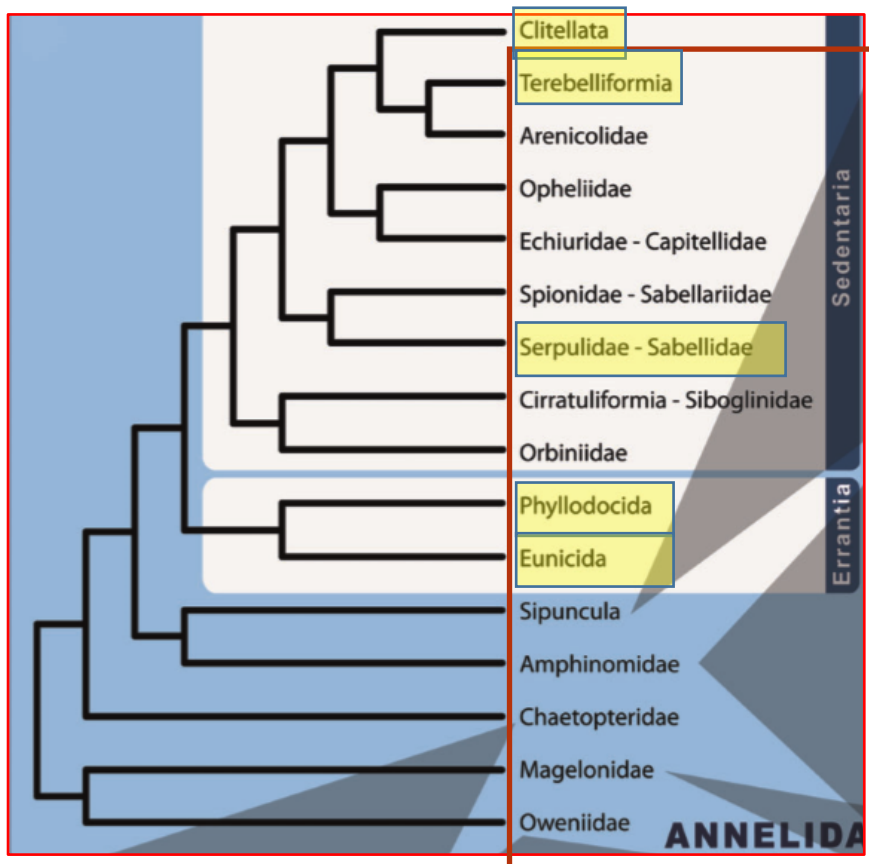


Stratiodrillus circensis
(Histiobdellidae)



Manayunkia speciosa
(Sabellidae)

Taxonomic information



Phylum Annelida: 21 000 species

Clade: Sedentaria

Clade: Errantia

Non-clitellate Annelids: ~15 000 species
230 freshwater species (1.5%)

FADA Checklist

- ▶ Original checklist has been ported to new FADA Excel format (version 2)
- ▶ species list and literature (~400 references) updated based Glasby et al. (2009)
- ▶ Post-2009 species list and literature updated based on search of Web of Knowledge
- ▶ To do - update taxonomy based on WoRMS, publish on internet

Catalogue of non-marine Polychaeta (Annelida) of the World

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Status of 'polychaetes' in WoRMS, WRIMS and RAMS

- ▶ Most of the 230 freshwater species have entries in WoRMS (although most not flagged as such);
- ▶ A few terrestrial species also listed in WoRMS
- ▶ All of the 83 genera, 26 families in WoRMS
- ▶ Ditto WRIMS and RAMS as they are essentially sub-sets of WoRMS
- ▶ Recently discovered Antarctic 'freshwater' species (e.g., *Serpula narconensis*) not listed in RAMS

Expectations (hopes?) for the workshop

- ▶ That datasets on Clitellates and non-Clitellates be merged ('Annelida')
- ▶ Introduced species are flagged
- ▶ Freshwater tolerant species (adults can survive but not propagate) are flagged
- ▶ Finer habitat categories, e.g. inclusion of endorheic basins (no drainage to sea) to differentiate from saline lakes/lagoons (with sea connection)
- ▶ Publication: discussion on suitability of existing outlets (EoL, ScratchPads, BDJ (Pensoft))

Thanks to:

- ▶ Flanders Marine Data and Information Centre
- ▶ Université Libre de Bruxelles
- ▶ Royal Belgium Institute of Natural Sciences