

# LifeWatch NeMys editor workshop 2018

## Program

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The goals that were achieved in the period following the first editorial workshop (February 2015) demonstrate the success and efficiency of joining forces and expertise, sharing and discussing new ideas and setting clear goals at this type of meeting. Now that the taxonomic classification of marine free-living Nematoda is updated, the environmental flags are allocated, the development of identification keys was initiated and new members were welcomed, it's time to look ahead, take action and set new goals to keep the editorial community engaged and active.

The objectives of this workshop are: (i) to evaluate the work that was done over the past three years and the maintenance of the database, (ii) to welcome the inclusion of the taxonomy of terrestrial nematodes, set clear goals, assign tasks and initiate the practical work related to new initiatives and (iii) to outline practices for outreach and scientific output for NeMys (e.g. scientific papers, presentations of the progress, plans and results at an upcoming conference).

### Day 1

#### 9:00:

- Welcome everyone and especially the new editor members (by Ann Vanreusel), and an overview/evaluation of the progress made over the past two years (by Tania Nara Bezerra).
- Presentation given by members of the WoRMS DMT about building on the central Taxonomic Backbone (inclusion of ecological and biological traits, genomic data, ...) and demonstration of tools and possibilities of the interface.

#### *Items raised for discussion by the editors:*

- *Construct a priority list for input of information: environmental flags, location of the holotype specimen, original descriptions, geographic distribution data.*
- *There are still genera without authority/year this needs to be solved*

- *Which biological traits/functional groups/characters can we include, do we need to define categories that work for marine, freshwater and terrestrial nematodes (e.g. feeding types, tail shape, biomass, habitus)?*

**10:30 – 11:00: Coffee break**

- Hands-on activity with the online editing interface coordinated by the WoRMS DMT. Integration of taxonomic information and ecological/biological traits.

**12:30 – 13:30: Lunch**

**13:30-15:00**

- Presentation by Ursula Eisendle-Flöckner on the status of the integration of taxonomy of freshwater nematodes in Nemys.

*Items raised for discussion by the editors:*

- *Freshwater nematode nomenclature: when to accept a taxon (literature based, more strictly following the ICZN, etc.)?*
- *Update on copyright issues.*
- *How to implement the taxonomy of freshwater / terrestrial nematodes in Nemys?*

**15:00-15:30: Coffee break**

**15:30-17:30:**

- Hands-on activity with the online editing interface coordinated by the WoRMS DMT. Integration of taxonomic information and ecological/biological traits.

**Day 2**

**9:00:**

- Group discussion on following topics:
  - How to implement the taxonomy of freshwater / terrestrial nematodes in Nemys?
  - The potential inclusion of parasitic nematode species
  - Adjustment of families distribution for marine nematodes
  - It was suggested by the previous chief editor to change the name “NeMys”, since doesn’t fit the scope anymore. What are the editors opinion on that?
  - Where to find help for importing data and literature or construction of ID or pictorial key? Can we launch a call to interns (e.g. at UGent: Nematology or Oceans and Lakes students) or afford students on summer jobs (e.g. at VLIZ)?
  - Discuss ideas and content of publications, the potential journals to publish in and who will take the lead. If these items are outlined, we can start to retrieve the major results and set deadlines. The journal <http://biodiversitydatajournal.com/> as suggested by Alex Holovachov during the last workshop could be an option.

- Presentations: ESN 2018 (poster); International Conference of Meiofauna 2019 (poster and/or oral).

**10:30-11:00: Coffee break**

- Hands-on activity with the online editing interface coordinated by the WoRMS DMT. Integration of taxonomic information and ecological/biological traits.

**12:30-13:30: Lunch**

**13:30-15:00**

- Discussion on ID keys (implementing existing keys from literature and draft concept for general pictorial key based on Plat, Warwick and Sommerfield pictorial keys), demonstration of WoRMS DMT on how to build a key, followed by hands-on work.

*Items raised for discussion by the editors:*

- *Converting published species/genera keys into digital formats, can some things be done automatically?*
- *Incorporation of illustrations and possible copyright issues.*
- *Incorporate illustrations in existing keys.*
- *Correct/update classification*

**15:00-15:30: Coffee break**

**15:30-17:30:**

- Hands-on activity with the online editing interface coordinated by the WoRMS DMT. Integration of taxonomic information and ecological/biological traits.

**19:00: Group Dinner at Het Pand Onderbergen 1, 9000 Gent.**

**Day 3**

**9:00:**

- Evaluation of the workshop, outline new goals, assign tasks for the following 2 years and define deadlines.

**10:30-11:00: Coffee break**

- Discussion on miscellaneous topics:
  - The use of social media for NeMys outreach in addition to RSS feeds.
  - Need for reference DNA sequences with all the metagenomic studies that are underway now. Can we centralize our effort?
  - The inclusion of the code of zoological nomenclature and possible guidelines for the description of new species.
  - Is it time for a new logo? Since two years ago, both WoRMS and LifeWatch have new logos. Set deadline or assign a task via <https://99designs.be> (from €259 onwards)?



Logos from three years ago.

**12:30-13:30: Lunch**

**13:30-17:00 (with coffee break from 15:00-15:30):**

- Continue hands-on work (ID keys, taxonomic info, ecological/biological traits, ...).

## Participant list:

### NeMys editors:

1. Tania Nara Bezerra
2. Ann Vanreusel
3. Nic Smol
4. Wilfrida Decraemer
5. Oleksandr Holovachov
6. Daniel Leduc
7. Virág Venekey
8. Vadim Mokievsky
9. Ursula Eisendle-Flöckner
10. Dmitry Miljutin
11. Zeng Zhao
12. Mike Hodda

### WoRMS Data Management Team:

1. Leen Vandepitte (Ricardo Simões)
2. Bart Vanhoorne
3. Thomas Lanssens
4. Wim Decock

We expect a “flexible” meeting, dealing with the most urgent matters first but very open for suggestion of topics that should be discussed. As we don’t have this kind of meetings very often, this is really the time to bring such items to our attention. If you do have suggestion for topics to be discussed during the meeting, don’t hesitate to contact us.

If you do have PDFs that are not in NeMys so far or if you would have translations of literature in Russian or Chinese bring them and we can upload them during the “hands on”.

### **Contact organization committee:**

Tania Nara Campinas Bezerra & Prof. Dr. Ann Vanreusel (chief editors of Nemys)

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