

FADA, more than a book

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Summary

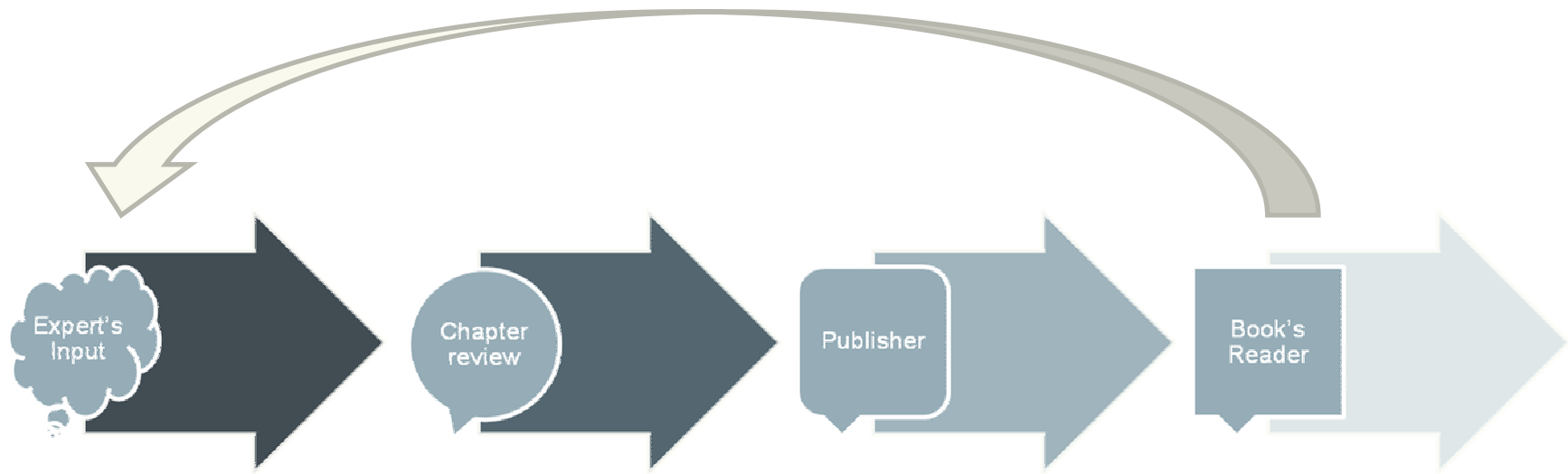
- FADA Book
- FADA Database/Website
 - Query
 - Output
- How to contribute?
 - Expert Data
 - Observational data
- Main benefits

The book



- « ...compiling an overview of Genus and Species level diversity of animals in the continental, aquatic ecosystems of the world. »
- Collective effort of 163 experts
- 59 chapters/groups
- Hydrobiologia Volume 595, Number 1
- Published by Springer, January 2008

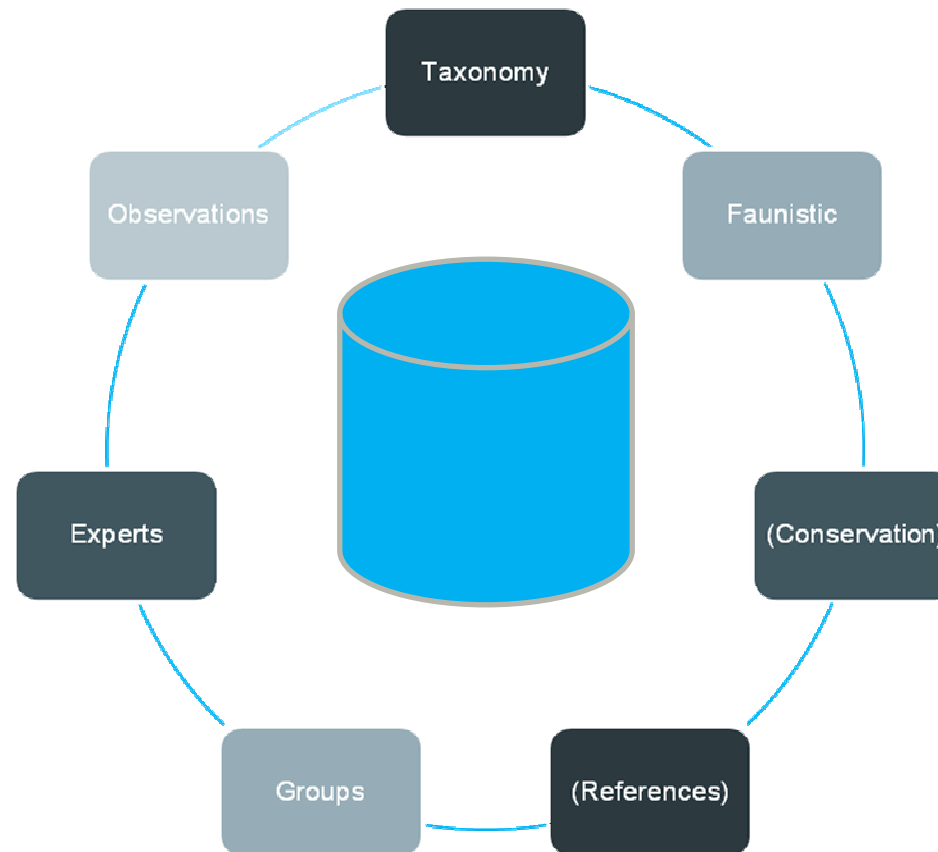
Book sequential process



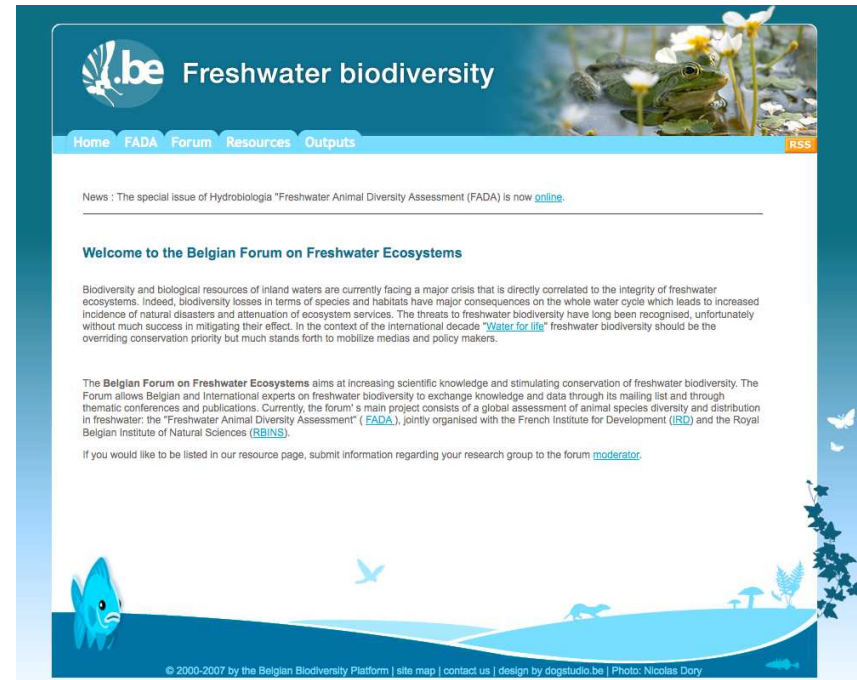
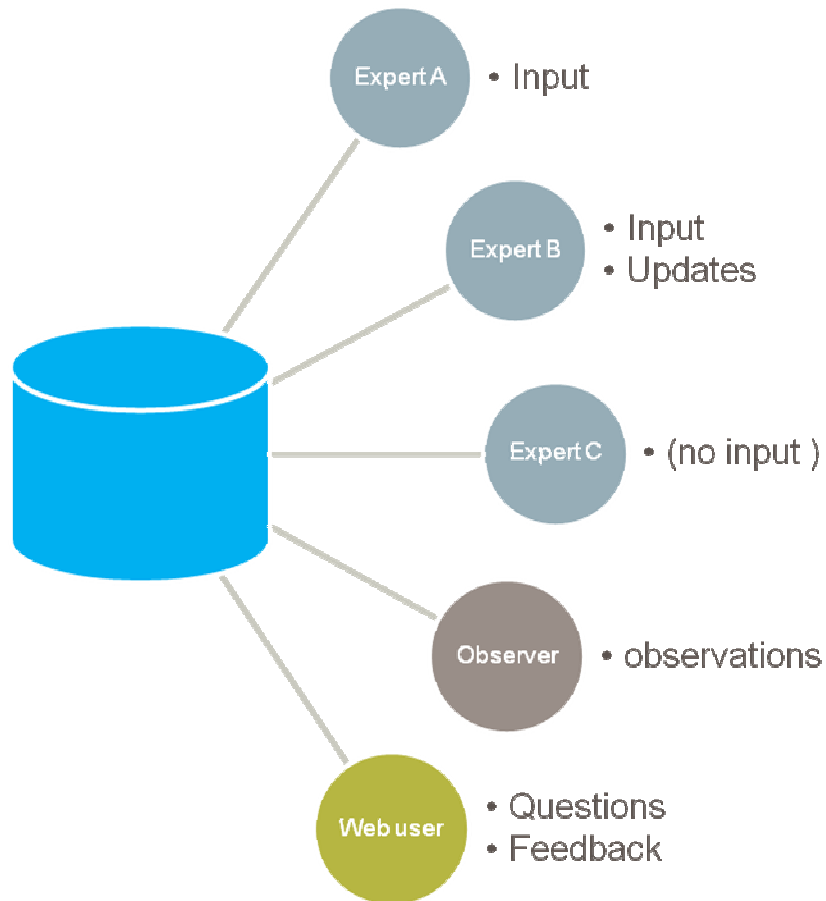
Limits of paper publication

- When do we release the **next revision**?
- How do I get reader **feedback**?
- Can we **reorganize** the content?
- Does it **answer** all questions?
- How do I **correct/improve** my text?

FADA Database



Dynamic Website



Query

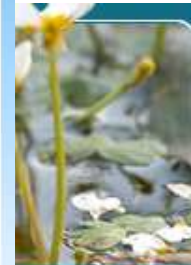
- Basic Search
- Browse Taxonomical Tree
- Groups
- Experts
- Species
- Advanced Search

Simple Search

92 record(s) found and 0 selected.

1 2 3 4 [NEXT PAGE](#)

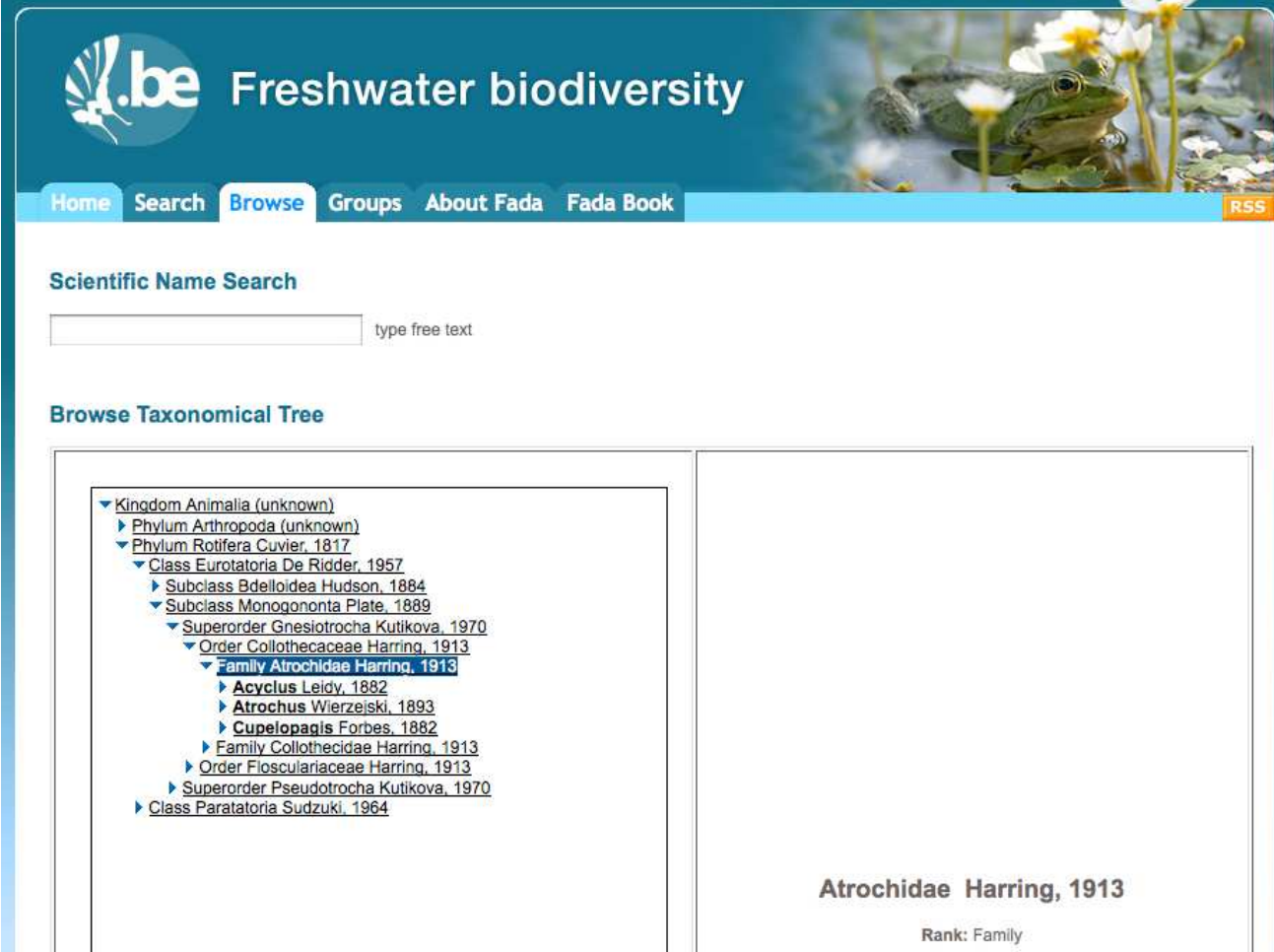
Export?	Scientific Name	Higher Taxon	Group	Region
<input type="checkbox"/>	Adineta barbata Janson, 1893	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	PA; AT; AU; NA; NT; ANT;
<input type="checkbox"/>	Adineta gracilis Janson, 1893	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	PA; AT; AU; OL; NA; ANT;
<input type="checkbox"/>	Adineta grandis Murray, 1910	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	AT; ANT;
<input type="checkbox"/>	Adineta longicomis Murray, 1906	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT; PAC;
<input type="checkbox"/>	Adineta steineri Bartoš, 1951	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	PA; AU; NA; NT; ANT;
<input type="checkbox"/>	Adineta vaga vaga (Davis, 1873)	Animalia Rotifera Eurotatoria Bdelloidea Adinetidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Brachionus amsterdamensis De Smet, 2001	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Brachionidae	Rotifera	ANT;
<input type="checkbox"/>	Brachionus bidentatus bidentatus Anderson, 1889	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Brachionidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Brachionus calyciflorus Pallas, 1766	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Brachionidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Brachionus quadridentatus quadridentatus Hermann, 1783	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Brachionidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT; PAC;
<input type="checkbox"/>	Brachionus urceolaris urceolaris Müller, 1773	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Brachionidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Cephalodella auriculata (Müller, 1773)	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Notommatidae	Rotifera	PA; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Cephalodella catellina (Müller, 1786)	Animalia Rotifera Eurotatoria Monogononta Pseudotrocha Ploima Notommatidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;



RSS

Browse Taxonomy

- Explore taxa tree
- Expand/collapse
- Direct Access by name



The screenshot shows the 'Freshwater biodiversity' website. At the top, there is a logo with '.be' and a navigation menu with 'Home', 'Search', 'Browse', 'Groups', 'About Fada', and 'Fada Book'. An 'RSS' button is also present. Below the navigation is a 'Scientific Name Search' section with a text input field and the label 'type free text'. The main section is titled 'Browse Taxonomical Tree' and contains a hierarchical tree of taxa. The tree is expanded to show the 'Family Atrochidae Harring, 1913'.

Scientific Name Search

type free text

Browse Taxonomical Tree

- Kingdom Animalia (unknown)
- Phylum Arthropoda (unknown)
- Phylum Rotifera Cuvier, 1817
 - Class Eurotatoria De Ridder, 1957
 - Subclass Bdelloidea Hudson, 1884
 - Subclass Monogononta Plate, 1889
 - Superorder Gnesiotrocha Kutikova, 1970
 - Order Collotheceae Harring, 1913
 - Family Atrochidae Harring, 1913**
 - Acyclus Leidy, 1882
 - Atrochus Wierzejski, 1893
 - Cupelopagis Forbes, 1882
 - Family Collotheceidae Harring, 1913
 - Order Flosculariaceae Harring, 1913
 - Superorder Pseudotrocha Kutikova, 1970
 - Class Paratatoria Sudzuki, 1964

Atrochidae Harring, 1913

Rank: Family

Species page

Scientific Name

Original Genus


Synonyms

Group

Distribution

Taxonomic comments
(Conservation Status)

(References)



The screenshot shows the FADA website interface. At the top, there is a logo with ".be" and the text "Freshwater biodiversity" next to a photograph of a green frog on lily pads. Below the logo is a navigation menu with buttons for "Home", "Search", "Browse", "Groups", "About Fada", and "Fada Book", along with an "RSS" icon. The main content area displays the species name ***Cephalodella sterea* (Gosse, 1887)**. Below this, it lists the group as [Rotifera](#), the rank as "Species", and the original genus as "Furcularia". The distribution is listed as "PA AU OL NA NT ANT PAC". Under the "Synonyms" section, there are two entries: *Cephalodella serrata* Gosse and *Cephalodella exoculis* Gosse. The "Comments" section contains the text: "Morphologically variable and complex taxon. Includes the infrasubspecific variants *mutata*, *minor*, *dentata* Donner, 1950; and *f. nov.* Donner, 1964."

Group page

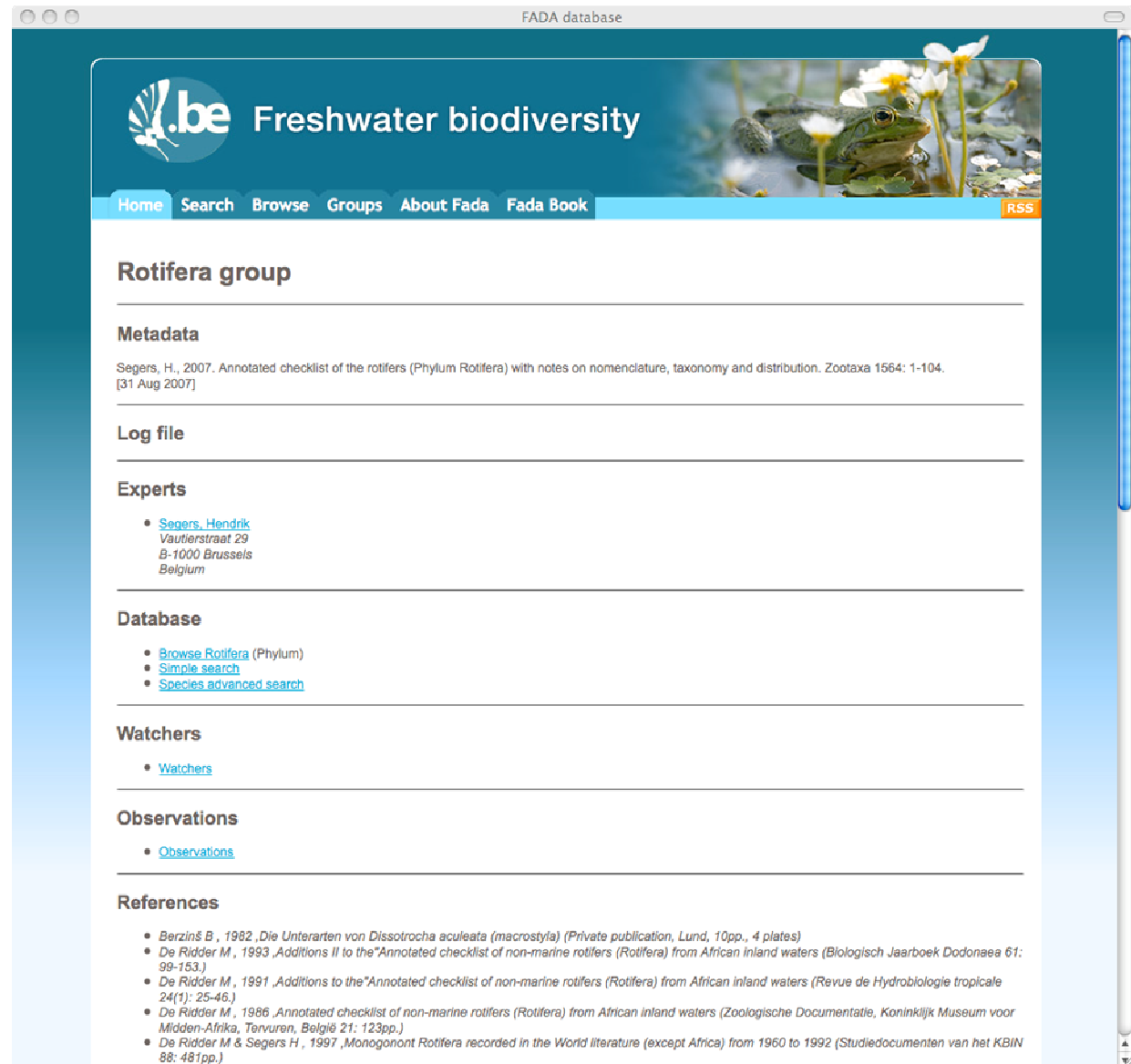
Metadata

Experts

Database

(Observations)

References




The screenshot shows a web browser window titled "FADA database". The page features a header with the ".be" logo and the text "Freshwater biodiversity" next to a photograph of a green frog. Below the header is a navigation menu with links for "Home", "Search", "Browse", "Groups", "About Fada", and "Fada Book", along with an "RSS" icon. The main content area is titled "Rotifera group" and is organized into several sections: "Metadata" (listing a 2007 annotated checklist by Segers, H.), "Log file", "Experts" (listing Segers, Hendrik), "Database" (with links for "Browse Rotifera (Phylum)", "Simple search", and "Species advanced search"), "Watchers" (with a link for "Watchers"), "Observations" (with a link for "Observations"), and "References" (listing several scientific publications from 1982 to 1997).

Observation page

- Coordinates
- Comments
- Validation
- List of Observed Species

FADA database



Freshwater biodiversity

Home Search Browse Groups About Fada Fada Book RSS

Observation

Observed by [Hendrik Segers](#) on 15 Oct 2007

Coordinates

Name	Region	Longitude (Decimal Degrees)	Latitude (Decimal Degrees)	Altitude (Decimal Degrees)	Accuracy radius (Meter)	map
Phu Hin Rong Kla National Park, Phitsanulok province, Thailand	OrientalL (Indomalaya)	17.036667	101.057667	0	1000	map

Comments

Group	Taxonomy	Ecology	Geography
Rotifera	observations included in Savatanelinton, S & H. Segers, submitted. Rotifers of waterfall mosses from Phu Hin Rong Kla National Park, Thailand, with the description of <i>Lecane</i> xxx new species (Rotifera: Monogononta: Lecanidae). Raffles Bulletin of Zoology.		

Validation

SubmissionDate	VerificationDate	VerifiedBy	Status
15 Oct 2007	15 Oct 2007	Segers	accepted

Species List:

- [Brachionus angularis angularis Gosse, 1851](#)
- [Brachionus forficula Wierzejski, 1891](#)
- [Keratella cochlearis cochlearis \(Gosse, 1851\)](#)
- [Keratella tropica \(Apstein, 1907\)](#)
- [Lecane arcuata \(Bryce, 1891\)](#)
- [Lecane lunaris \(Ehrenberg, 1832\)](#)
- [Lecane paxiana Hauer, 1940](#)
- [Colurella adriatica Ehrenberg, 1831](#)
- [Lepadella \(Lepadella\) minuta \(Weber & Montet, 1918\)](#)
- [Trichocerca pusilla \(Jennings, 1903\)](#)

Advanced Search

Family: Habrotrochidae

Region: OL (Indomalaya)

Search results might be exported:

- As text
- As table

Species - Advanced Search

Region	Taxonomical Tree		Selected Taxa	
ANTarctic Australasian AfroTropical NeArctic NeoTropical Oriental(Indomalaya) PACific(Oceania) PalaeArctic	<ul style="list-style-type: none"> ▼ Rotifera <ul style="list-style-type: none"> ▼ Eurotatoria <ul style="list-style-type: none"> ▼ Subclass Bdelloidea Hudson, 1884 <ul style="list-style-type: none"> ▶ Family Adinetidae Hudson and Gosse, 1889 <ul style="list-style-type: none"> ▶ Family Habrotrochidae Bryce, 1910 <ul style="list-style-type: none"> ▶ Habrotrocha Bryce, 1910 ▶ Otostephanos Milne, 1916 ▶ Scephanotrocha Bryce, 1910 ▶ Family Philodinavidae Harring, 1913 <ul style="list-style-type: none"> ▶ Family Philodinidae Ehrenberg, 1838 ▶ Subclass Monogononta Piate, 1889 ▶ Paratatoria 	>>> <<<	Family Habrotrochidae Bryce, 1910	
18 record(s) found and 0 selected.				
Export?	Scientific Name	Higher Taxon	Group	Region
<input type="checkbox"/>	Habrotrocha ampulla Murray, 1911	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; OL; NA; NT;
<input type="checkbox"/>	Habrotrocha angusticollis angusticollis (Murray, 1905)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL; NA; NT; ANT;
<input type="checkbox"/>	Habrotrocha angusticollis attenuata (Murray, 1906)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AU; OL; NT;
<input type="checkbox"/>	Habrotrocha aspera (Bryce, 1892)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL; NA; NT; PAC;
<input type="checkbox"/>	Habrotrocha bidens (Gosse, 1851)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL; NA; NT;
<input type="checkbox"/>	Habrotrocha elliptica Bartoš, 1963	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL;
<input type="checkbox"/>	Habrotrocha flexicollis Bartoš, 1963	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL;
<input type="checkbox"/>	Habrotrocha fusca (Bryce, 1894)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AU; OL; NT;
<input type="checkbox"/>	Habrotrocha lata lata (Bryce, 1892)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL; NA; NT;
<input type="checkbox"/>	Habrotrocha leitgebii (Zelinka, 1886)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AU; OL; PAC;
<input type="checkbox"/>	Habrotrocha longicollis Bartoš, 1963	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL;
<input type="checkbox"/>	Habrotrocha microcephala (Murray, 1906)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AU; OL; NA;
<input type="checkbox"/>	Habrotrocha modesta Bartoš, 1963	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL;
<input type="checkbox"/>	Habrotrocha nodosa Murray, 1911	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; OL; NT; PAC;
<input type="checkbox"/>	Habrotrocha perforata americana (Murray, 1907)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL; NT;
<input type="checkbox"/>	Habrotrocha perforata perforata (Murray, 1906)	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL; NT;
<input type="checkbox"/>	Habrotrocha recumbens Bartoš, 1963	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	OL;
<input type="checkbox"/>	Habrotrocha spicula Bryce, 1913	Animalia Rotifera Eurotatoria Bdelloidea Habrotrochidae	Rotifera	PA; AT; AU; OL;

Select this page
 Save for observations
 Save as table

Output

- Species List (Text or Table)
- Observation Maps (KML)
- Much more to come

Export Species List

User agreement (to be accepted)

Citation Notice

Download species list

*When using this information please cite this website as follows: Balian, E., H. Segers, C. Leveque and K. Martens (editors), 2007 September 30, Freshwater Animal Diversity Assessment (FADA). World Wide Web electronic publication. Available online at <http://FADA.biodiversity.be> [date accessed] or according to the appropriate journal citation style, and the taxonomic group data source or publication as indicated below:

**Segers, H., 2007. Annotated checklist of the rotifers (Phylum Rotifera) with notes on nomenclature, taxonomy and distribution. *Zootaxa* 1564: 1-104."

scientific_name

Habrotrocha *ampulla* Murray, 1911

Habrotrocha *angusticollis angusticollis* (Murray, 1905)

Habrotrocha *angusticollis attenuata* (Murray, 1906)

Habrotrocha *aspera* (Bryce, 1892)

Habrotrocha *bidens* (Gosse, 1851)

Habrotrocha *elliptica* Bartoš, 1963

Habrotrocha *flexicollis* Bartoš, 1963

Habrotrocha *fusca* (Bryce, 1894)

Habrotrocha *lata lata* (Bryce, 1892)

Habrotrocha *leitgebii* (Zelinka, 1886)

Habrotrocha *longicollis* Bartoš, 1963

Habrotrocha *microcephala* (Murray, 1906)

Habrotrocha *modesta* Bartoš, 1963

Habrotrocha *nodosa* Murray, 1911

Habrotrocha *perforata americana* (Murray, 1907)

Habrotrocha *perforata perforata* (Murray, 1906)

Habrotrocha *recumbens* Bartoš, 1963

Habrotrocha *spicula* Bryce, 1913

Observation Maps

FADA database

 Freshwater biodiversity

Home Search Browse Groups About Fada Fada Book RSS



Map Satellite Hybrid

© 2000-2007 by the Belgian Biodiversity Platform | site map | contact us | design by dogstudio.be | Photo: Nicolas Dony

Main benefits

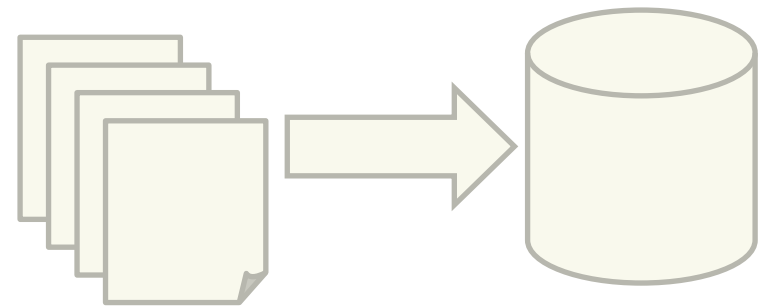
- Controlled **dynamic** content
- Widely **accessible**
- Get **feedback** from other experts/users
- **Future** proof:
 - Publish once, re-use many
CoL, EOL, GBIF, WORMS, Zootaxa, ...
 - Open to additional data
 - Open to new usages, new analysis

How to contribute?

- **Expert** data
(taxonomic & biogeographic diversity)
- **Observational** data
(what? when? where?)

Expert Data

- Excel spreadsheet based
 - Taxonomy
 - Faunistic
 - (Conservation Status)
 - (References)
- Experts work offline
- Submitted by the **expert**, when ready
- Check errors/upload logs



Observational Data

- What is needed?
 - Species List (from the website)
 - Date & Location
 - Coordinates (GoogleMap) + accuracy
 - (Comments)
- Submitted online by the **observer**
- Validated (or rejected) by the group **expert**



Thank you for your attention
(any questions?)