

A survey of Rotatoria from Finland

Hans Silfverberg

*Hans Silfverberg, Finnish Museum of Natural History, P.O.Box 17, FI-00014 Helsinki University.
E-mail: hans.silfverberg@helsinki.fi*

A list is provided of 337 rotifer species reported from Finland, with references to the records.

Introduction

The study of Finnish Rotatoria began late in the 19th century (Pejler 1998). Since then have particularly the planktonic species received considerable attention. The benthic species have also been occasionally observed, while those living in soil have been sorely neglected. In the present list references are given to articles giving information on species found in particular areas. The abbreviations used are explained in the list of references; when the same author has several records, they are listed after the first one without author abbreviation. Nomenclature and taxonomy follow generally Segers (2002, 2007), occasionally Kutikova (1970) has also been considered.

A few of the listed species are of uncertain identity, and have been listed as *species inquirendae* (Jersabek & al. 2012). They are marked with * in the list, and are additionally mentioned in an appendix with their original combination.

ROTIFERA

BDELLOIDEA

ADINETIDA

Adinetidae Hudson & Gosse, 1889

Adineta Hudson & Gosse, 1886

gracilis Janson, 1893 [Jä56c]

PHILODINIDA

Habrotrochidae Bryce, 1910

Habrotrocha Bryce, 1910

Callidina auct. [nec (Ehrenberg, 1830)]
elegans (Milne, 1886) [nec (Ehrenberg, 1832)]
[Jä56c]

Philodinidae Ehrenberg, 1838

Rotaria Scopoli, 1777

Rotifer Cuvier, 1798

Actinurus Ehrenberg, 1830

neptunia (Ehrenberg, 1830) [St98, LW18, Jä23, 36a,
56c, 63, Ka81, Sä87]

macroceros (Gosse, 1851) [St98, Jä56c]

citrina (Ehrenberg, 1838) [Le94, St98, Jä23, 56c]

tardigrada (Ehrenberg, 1830) [Jä56c]

tarda (Ehrenberg, 1838) [Le94, 01b, St98]

trisecata (Weber, 1888) [Le14, Ka81]

socialis (Kellicott, 1888) [Jä56c]

macrura (Ehrenberg, 1832) [Le94, St98, Jä16b, 23,
56c]

elongata (Weber, 1888) [Jä56c]

rotatoria (Pallas, 1766) [Jä56c, SM10]

vulgaris (Schrank, 1801) [Le94, 01b, St98,
Jä16b, 23]

Dissotrocha Bryce, 1910

aculeata (Ehrenberg, 1832) [Le94, St98]

macrostyla (Ehrenberg, 1838) [Jä52, 56c]

tuberculata (Gosse, 1886) [Le94, St98]

Philodina Ehrenberg, 1830*citrina* Ehrenberg, 1832 [Jä23, 56c]*megalotrocha* Ehrenberg, 1832 [Jä36a, 56c]*roseola* Ehrenberg, 1832 [Le94, St98, Jä23, 56c, Go72]***Pleuretra*** Bryce, 1910*brycei* (Weber, 1898) [Be78]**MONOGONONTA****PLOIMA****Brachionidae** Ehrenberg, 1838***Brachionus*** Pallas, 1766*Noteus* Ehrenberg, 1830*quadridentatus* Hermann, 1783 [Go72, Vu81]*capsuliflorus* Pallas, 1766 [Pu47, Jä56a, 56c]*bakeri* (Ehrenberg, 1830) [Le94, St98, Wu13, LW18, Vä26, Jä36a]*brevispinus* Ehrenberg, 1832 [Le91, 94, 01a, 01b, Jä56c]*melheni* Barrois & Daday, 1894 [Jä56c]*leydigii* Cohn, 1862*tridentatus* Zernov, 1901 [Ko82]*urceus* (Linnaeus, 1758) [Jä56a, 56c, Ha78, Vu81, Ko82, P&98, SM10]*urceolaris* Müller, 1773 [Le91, 94, 01a, 01b, 13, Wu13, Vä26, Vu81]*sericus* Rousselet, 1907 [Jä23]*rubens* Ehrenberg, 1838 [St98, Jä56a, 56c, Gr57, Go72]*plicatilis* Müller, 1786 [Go72]*forficula* Wierzejski, 1891 [Ha78]*calyciflorus* Pallas, 1766 [Ha58, 78, Vu81, P&98, Va06]*pala* Ehrenberg, 1838 [Le94, 01b, 13, Vä26]*amphiceros* Ehrenberg, 1838 [Jä56]*dorcas* Gosse, 1851 [Jä36a]*angularis* Gosse, 1851 [Le13, Vä26, Jä56a, 63, El80, Vu81, V&81, P&98]*bidens* Plate, 1886 [Jä25]***Plationus*** Segers, Murugan & Dumont, 1993*polyacanthus* (Ehrenberg, 1834) [Le94, St98, Jä56c]***Platytias*** Harring, 1913*quadricornis* (Ehrenberg, 1832) [Le94, St98, LW18, Jä23, 27b, 56c, Go69]***Keratella*** Bory de St. Vincent, 1822***Anuraea*** Ehrenberg, 1832*cruciformis* (Thompson, 1892) [V&87]*eichwaldi* (Levander, 1894) [Le94, 01a, 01b, 13, 14, 15b, LW18, Vä26, Ha37, Pu47, Ha58, Go72, Vu81, Vi92, P&98]*cochlearis* (Gosse, 1851) [P189, No90, Le91, 92, 01a, 01b, 06a, 06b, 06c, 13, 14, 15, 15b, St98, Wa13, Wu13, LW15, 18, Jä15, 16a, 25, 27a, 27b, 28, 29a, 29b, 30, 32, 33 36a, 36b, 36c, 56c, Ha37, 58, Pu47, Go69, 72, Ha69, 75, 78, Gr70, G&73, 82, El75, 80, Vo78, Vu81, V&81, Ko82, 83, Ca83, V&87, El88, K&90, Vi92, T&98, P&98, Va06, SM10]
recurvispina (Jägerskiöld, 1894) [Le94, 00a, 01b, Vä26, P&98]*hispida* (Lauterborn, 1898) [Le00b, 06c, 15, Jä15, 36a, 36c, 58, 63, Ha72, 75, 78, G&73, El74, Ko83, T&98, Va06]*macracantha* (Lauterborn, 1898) [Le00b, Se39]*baltica* (Sokolova, 1927) [Se39]*stipitata* (Ehrenberg, 1838) [Jä52, 56a, 56b, 56c, 58, 63, El74] (sensu Carlin)*tecta* (Gosse, 1851) [P189, No90, Le91, 92, 94, 00b, St98, Se39, Jä56a, G&73, Ha72, 75, 78, El75, Vu81, Ko82, Ca83, T&98, Va06]*ecaudis* Lauterborn, 1900 [Jä52, 56a, 58, 63]*serrulata* (Ehrenberg, 1838) [Le94, 01a, 01b, 06b, Jä56c, Ha78]*falculata* (Ehrenberg, 1838) [Le91]*ticinensis* (Callerio, 1920) [Ha75, 78, El80, T&98]*testudo* (Ehrenberg, 1832)*brevispina* (Gosse, 1854) [Le94]*hiemalis* Carlin, 1943 [Jä56c, Ha69, 75, 78, El74, 75, G&82, K&90]*quadrata* (Müller, 1786) [Jä52, 56a, 56b, 56c, 58, 63, Se39, Pu47, Ha58, Go69, 72, Ha69, 72, 75, 78, El75, Vo78, Vu81, V&81, G&82, Ko82, 83, Ca83, K&90, Vi92, 94, P&98, T&98, Va06, SM10]*aculeata* (Ehrenberg, 1832) [P189, No90, Le91, 92, 94, 00b, 01a, 01b, 06a, 06b, 06c, 13, 14, 15b, Wa13, Wu13, LW15, 18, Jä16b, 23, 25, 29b, 32, 36b, Vä26]*platei* (Jägerskiöld, 1894) [Le94, 00a, 01b, Vä26, Ha37, SM10]*curvicornis* Rylov, 1926 [Jä32, Ha72]*valga* (Ehrenberg, 1834) [Le94, Jä15]

Anuraeopsis Lauterborn, 1900

- fissa* (Gosse, 1851) [Jä56a, 63, EI74, AM69, Ha72, 75, 78, EI75, 80, Vu81, V&81, Ko82, 83]
hypelasma (Gosse, 1886) [LW15, 18, Jä36a]

Kellicottia Ahlstrom, 1938

- longispina* (Kellicott, 1879) [No90, Le91, 92, 94, 00b, 06a, 06b, 06c, 15, 15b, Wa13, LW15, 18, Vă26, Jă15, 25, 27a, 27b, 28, 29a, 29b, 30, 32, 33, 36a, 36b, 36c, 37, 52, 56a, 56b, 56c, 58, 63, Ha58, Go69, Ha69, 75, 78, Gr70, G&73, 82, EI74, 75, 80, 88, Vo78, V&81, Ko82, 83, Ca83, K&90, Vi92, T&98, Va06]
bostoniensis (Rousset, 1908) [EI88, Va06]

Notholca Gosse, 1886

- Argonotholca* Carlin, 1943
bipalium (Müller, 1786) [Go72]
striata (Müller, 1786)
biremis (Ehrenberg, 1832) [Le91, 94, 01a, 01b, Wu13, Vă26, Pu47]
squamula (Müller, 1786) [Ha69, Gr70]
muelleri Focke, 1961
striata auct., nec (Müller, 1786) [Le94, 01a, 01b, 06a, 06b, 15b, LW15, 18, Vă26, Jă36b, 56c, Ha58, Vu81, P&98]
caudata Carlin, 1943 [Jă56a, Pe62, Ha69, 78, Vu81, Ko82, P&98]
cinetura Skorikov, 1914 [Ha69]
acuminata (Ehrenberg, 1832) [Le94, 00b, 01a, 01b, 13, 14, 15b, Wu13, LW15, 18, Vă26, Ha37, Pu47, Ha58, Go72, P&98]
labis Gosse, 1887 [Le15b, LW15, 18, Jă36b, 56a, Ha58]
limnetica Levander, 1901 [Ko82]
foliacea (Ehrenberg, 1838) [Le91, 94, 01a, 01b, 13, 15, 15b, Wu13, Vă26, Ha58]

Euchlanidae Ehrenberg, 1838**Tripleuchlanis** Myers, 1930

- plicata* (Levander, 1894) [Le94, 01b, Go72]

Euchlanis Ehrenberg, 1832

- oropha* Gosse, 1887 [St98, Jă23, 56c]
parva Rousset, 1892 [Ha69 – cf.]
incisa Carlin, 1939
hyalina Leydig, 1854 [Jă56c]
dilatata Ehrenberg, 1832 [Le94, 00b, 01a, 01b, 06c, 13, 14, 15, 15b, St98, Wu13, LW15, 18,

- Vă26, Jă16b, 23, 27b, 36a, 36b, 56a, 56c, 63, Pu47, Ha58, Go69, 72, Ha69, 78, G&73, Vu81]

macrura Ehrenberg, 1832 [Le94, St98, Jă56c]

hipposideros Gosse, 1851 [Le91]

deflexa Gosse, 1851 [St98, LW18, Jă23, 56c, Go69]

pyriformis Gosse, 1851 [Jă56c]

lyra Hudson, 1886 [St98]

triquetra Ehrenberg, 1838 [Le94, St98, LW15, 18, Jă16b, 27b, 36a, 56c, Vă26, Go69]

Dipleuchlanis Beauchamp, 1910

propatula (Gosse, 1886) [LW18]

Beauchampiella Remane, 1929

Eudactylota Manfredi, 1927, nec Walshingham, 1911

eudactylota (Gosse, 1886) [Le94, St98]

Epiphanidae Harring, 1913**Epiphanes** Ehrenberg, 1832

Notops Hudson & Gosse, 1886

brachionus (Ehrenberg, 1837) [Jă16b, 23]

senta (Müller, 1773) [Jă56a, 56c]

clavulata (Ehrenberg, 1832) [Jă56c]

Microcodides Bergendal, 1892

robustus (Glascott, 1893)

abbreviatus (Stenroos, 1898) [St98]

chlaena (Gosse, 1892) [St98, Jă56c]

Rhinoglana Ehrenberg, 1853

Rhinops Hudson, 1869

frontalis Ehrenberg, 1853

vitrea (Hudson, 1869) [Jă36a]

Proalidae Harring & Myers, 1924**Proalinopsis** Weber, 1918

caudatus (Collins, 1873) [Le94, St98, Jă56c]

gracilis Myers, 1933 [Go69]

Proales Gosse, 1886

similis Beauchamp, 1907 [Go72]

halophila Remane, 1929 [Go72]

reinhardtii (Ehrenberg, 1834) [Le94, 01b, Go72, Vu81]

theodora (Gosse, 1887)

reinhardtii sensu Levander [Le94, 01b, Pu47]

werneckii (Ehrenberg, 1834) [Jă56c]

decipiens (Ehrenberg, 1832) [St98, Jă56c, Go69, 72]

daphnicola Thompson, 1892 [Be78]

micropus (Gosse, 1886) [St98]

parasita (Ehrenberg, 1838) [St98, Jä56c]

sordida Gosse, 1886 [St98, Jä56c]

Lecanidae Remane, 1933

Lecane Nitzsch, 1827

Cathypna Hudson & Gosse, 1886

Distyla Eckstein, 1883

subg. *Lecane* s.str.

luna (Müller, 1776) [No90, Le91, 94, 00b, 01a, 01b,

14, 15, 15b, St98, Wu13, LW15, 18, Vā26,

Jä23, 27a, 27b, 30, 36a, 36b, 52, 56a, 56c,

63, Se39, Pu47, Ha58, Go69, 72, Ha78,

G&82, Ko82, 83]

flexilis (Gosse, 1886) [St98, LW18, Jä56c, Go69]

ungulata (Gosse, 1887) [Jä56c]

magna (Stenroos, 1898) [St98, Go69]

tenuior (Stenroos, 1898) [St98]

stichaea Harring, 1913 [Go69]

mira (Murray, 1913) [Be78]

intrasinuata (Olofsson, 1917) [Be78]

tenuiseta Harring, 1914 [Go69]

affinis (Levander, 1894) * [Le94, LW18]

inermis (Bryce, 1892) [Go69, 72]

signifera (Jennings, 1896)

ploenensis (Voigt, 1902) [Jä36b, 56]

depressa (Bryce, 1891)

brachydactyla (Stenroos, 1898) [St98]

ligona (Dunlop, 1901) [LW18]

ludwigii (Eckstein, 1883) [LW18, Jä56c, Go69]

oxycauda (Stenroos, 1898) [St98]

ohioensis (Herrick, 1885) [Go72]

appendiculata Levander, 1894 [Le94, 01a, 01b]

hornemanni (Ehrenberg, 1834) [Jä63]

nana (Murray, 1913) [Go72]

subg. *Monostyla* Ehrenberg, 1830

closterocerca (Schmarda, 1859) [LW18, Go69, 72]

cornuta auct. nec (Müller, 1786) [Le94, 01a,

01b, St98]

hamata (Stokes, 1896) [Go69+]

quadridentata (Ehrenberg, 1832) [Go69]

stenroosi (Meissner, 1908) [Jä56c]

bicornis (Stenroos, 1898) nec (Daday, 1897)

[St98]

cornuta (Müller, 1786) [Jä56c]

lunaris (Ehrenberg, 1832) [Pl89, No90, Le94, 01b,

06a, 15b, St98, LW15, 18, Vā26, Jä16, 27b,

36a, 36c, 52, 56a, 56b, 56c, 58, Ha58, Go69,

72, Ha78, El80, G&82, Ko82, 83, Va06]

bullata (Gosse, 1851) [St98, Jä56c, Go69]

bifurca (Bryce, 1892)

monostylaeformis (Stenroos, 1898) [St98]

furcata (Murray, 1913) [Go69]

Trichotriidae Harring, 1913

Trichotria Bory de St. Vincent, 1827

Dinocharis Ehrenberg, 1830

truncata (Whitelegge, 1889)

intermedia (Bergendal, 1892) [LW18]

pocillum (Müller, 1776) [Le91, 94, 00b, 01a, 01b,

15b, St98, LW15, 18, Vā26, Jä27b, 36b, 56c,

Pu47, Ha58, Go72, Ha78, El80, G&82,

Ko83, K&90]

tetractis (Ehrenberg, 1830) [Le94, St98, LW18,

Jä23, Jä36a, 36b, 56c, 58]

similis (Stenroos, 1898) [St98, Go69]

Macrochaetus Perty, 1850

Polychaetus Perty, 1850

subquadratus Perty, 1850 [St98, Le00b, Jä56c]

Mytilinidae Harring, 1913

Lophocharis Ehrenberg, 1838

oxysternon (Gosse, 1851) [Le01b, 13, Jä16b, 23,

Vā26]

Mytilina Bory de St. Vincent, 1826

Salpina Ehrenberg, 1832

Diplax Gosse, 1851, nec Charpentier, 1840

mucronata (Müller, 1773) [Le94, Go69, 72]

spinigera (Ehrenberg, 1830) [Le94, St98, Jä56c]

ventralis (Ehrenberg, 1830) [Le94, St98, Jä56a,

Go69, 72]

brevispina (Ehrenberg, 1830) [Le94, St98, 56c]

macracantha (Gosse, 1886) [St98, Jä56a, 56c]

bicarinata (Perty, 1850) [Jä23, 56c, 63]

pertyi (Hood, 1895) [Jä56c]

mutica (Perty, 1849) * [Jä33]

compressa (Gosse, 1851) [Be78]

videns (Levander, 1894) [Le94, 01a, 01b, Jä23]

Lepadellidae Harring, 1913

Colurellidae Wesenberg-Lund, 1929

Lepadella Bory de St. Vincent, 1826

Metopidia Ehrenberg, 1832

quinquecostata (Lucks, 1912) [Jä52]

triptera (Ehrenberg, 1832) [Le94, 01b, St98, Jä16b, 56c, Go69, 72]
pejleri Godske, 1969 [Go69]
quadricarinata (Stenroos, 1898) [St98, Go69, 72]
acuminata (Ehrenberg, 1834) [Le94, St98, LW15, 18, Jä56a, 56c, Go69, 72]
dactyliseta (Stenroos, 1898) [St98]
ovalis (Müller, 1786) [Go69]
lepadella (Ehrenberg, 1832) [Le91, 94, 01b, St98, LW15, 18, Jä23, 36a]
solida (Gosse, 1851) [Le94, 01a, 01b, St98]
patella (Müller, 1773) [Jä56a, 56c, Go69, 72]
oblonga (Ehrenberg, 1834) [LW15, 18, Jä16b, 23, 27b, 36a, 52, 56a, 56c, Go69, 72]
collaris (Levander, 1894) [Le94]
persimilis De Ridder, 1961 [Go69, 72]
similis (Lucks, 1912) nec (Stokes, 1896)

Colurella Bory de St.Vincent, 1824

Colurus Ehrenberg, 1830

Monura Ehrenberg, 1830

hindenburgi Steinecke, 1917 [Jä56]
obtusa (Gosse, 1886) [St98, Jä56c, Go69, 72]
dicentra (Gosse, 1887) [Le94, 01b, Go72]
unicauda Godske, 1968
dulcis auct. nec (Ehrenberg, 1830) [Le94, 01b]
adriatica Ehrenberg, 1831 [Vä26, Jä56c, Go72]
caudata (Ehrenberg, 1834) [Le91, 94, 01b]
lepta (Gosse, 1887) [Le94, 01a, 01b, LW15, 18]
colurus (Ehrenberg, 1830) [Jä56c, Go72]
geophila Donner, 1951 [Go72]
uncinata (Müller, 1773) [Jä56a, 56c, 63, Go72]
bicuspidata (Ehrenberg, 1832) [Le94, 15b, St98, LW18, Jä36a, 56a, 56c, Ha58, Go69]
deflexa (Ehrenberg, 1834) [Jä56c]
sulcata (Stenroos, 1898) [St98]

Squatinella Bory de St.Vincent, 1826

Stephanops Ehrenberg, 1830

longispinata (Tatem, 1867) [St98]
leydigii (Zacharias, 1886)
variegata (Levander, 1894) [Le94]
bifurca (Bolton, 1884) [St98, Go69]
lamellaris (Müller, 1786) [Le94, St98, Jä56a, 56c]
tridentata (Fresenius, 1858) [Jä56c]
mutica (Ehrenberg, 1832) [Le94, St98, Jä56c]

Notommatidae Hudson & Gosse, 1886

Notommata Ehrenberg, 1830

Copeus Ehrenberg, 1838

copeus Ehrenberg, 1834 [Jä56c, Go69]
labiata (Gosse, 1886) [St98]
tripus Ehrenberg, 1838 [St98, Jä56c, 63, Go69]
pilarius Gosse, 1886 [Le94]
collaris Ehrenberg, 1832 [Le94, St98, Jä16b, 56c]
pachyura (Gosse, 1886) [St98, Jä56c]
glyphura Wulfert, 1935 [Go72]
cerberus (Gosse, 1886) [St98, Jä56c]
pseudocerberus de Beauchamp, 1908 [Go69]
silpha (Gosse, 1887)
forcipata auct. nec Ehrenberg, 1838 [St98]
groenlandica Bergendal, 1892 [Le94]
saccigera Ehrenberg, 1830 [Jä56c]
aurita (Müller, 1786) [Jä56c]
cyrtopus Gosse, 1886 [St98, Go69]

Enteroplea Ehrenberg, 1830

lacustris Ehrenberg, 1830 [Jä56c]

Cephalodella Bory de St.Vincent, 1826

Diaschiza Gosse, 1886

eva (Gosse, 1887) [St98, Jä56c]
apocolea Myers, 1924 [Go69]
catellina (Müller, 1786) [Jä63, Go69, 72]
gracilis (Ehrenberg, 1830) [St98, Jä16b, 56a, 56c, Go72]
sterea (Gosse, 1887) [Be78]
auriculata (Müller, 1773) [Jä56a, 56c, Go69, 72]
lacinulata (Müller, 1786) [Le94, 01a, 01b, St98, Jä32, 36a, 36b]
delicata Wulfert, 1937 [Go72]
ventripes (Dixon-Nuttall, 1901) [Go69, 72]
wrighti Wulfert, 1960 [Go69, 72]
tenuior (Gosse, 1886) [Jä56c]
megalocephala (Glascott, 1893) [Jä56c, Go69, 72]
forficula (Ehrenberg, 1830) [Jä23, 56a, 56c, Go69]
triamata (Stenroos, 1898) [St98]
stenroosi Wulfert, 1937
forficula sensu (Stenroos, 1898) [St98]
hoodii (Gosse, 1886) [Jä16b, 56c]
tigridia (Gosse, 1886) [Jä56c]
valga Bilfinger, 1894 [St98]
exigua (Gosse, 1886) [Jä52, 56a, 56c, 58, 63]
pachydactyla Wulfert, 1937 [Go69, 72]
intuta Myers, 1924 [Go69–cf.]
forficata (Ehrenberg, 1832) [Jä56c, Go69]
paeta (Gosse, 1886) [Le94, St98]

incila Wulfert, 1937 [Go69]
gibba (Ehrenberg, 1830) [St98, Jä16a, 16b, 23, 36a, 56c, Go69, 72]
semiaperta (Gosse, 1886) [Le94, 01b, St98]
macroductyla (Stenroos, 1898) [St98, Go69]
cupha (Gosse, 1887) * [St98]
angusta Myers, 1924 [Go69]

Taphrocampa Gosse, 1851
selenura Gosse, 1887 [Jä56c, Go69]
viscosa Levander, 1894 [Le94, St98, Jä56c]
annulosa Gosse, 1851 [Le94, St98, Jä56c]

Eothinia Harring & Myers, 1922
elongata (Ehrenberg, 1832) [Jä56c]

Tylotracha Harring & Myers, 1922
monopus (Jennings, 1894) [Be78]

Pleurotrocha Ehrenberg, 1830
petromyzon (Ehrenberg, 1830) [Jä56c, Go69]

Monommata Bartsch, 1870
appendiculata Stenroos, 1898 [St98]
longiseta (Müller, 1786) [Le94, 06a, St98, Jä32, 36a, 56a, 56c]
actices Myers, 1930 [Be78]
grandis Tessin, 1890 [Le94, St98]
dissimilis Berziņš, 1949 [Jä58]
dentata Wulfert, 1940 [Go69]

Eosphora Ehrenberg, 1830
ehrenbergi Weber & Montet, 1918 [Jä56c]
naias (Ehrenberg, 1832) nec Ehrenberg, 1830 [St98, Jä56c]
najas Ehrenberg, 1830
digitata Ehrenberg, 1838 [Jä23]

spec. dub.
Triophthalmus dorsualis Ehrenberg, [St98]

Scaridiidae Manfredi, 1927
Scaridium Ehrenberg, 1830
longicaudum (Müller, 1786) [Le94, St98, Jä36a, 56a, 56c, Ha58, Go69]

Tetrasiphonidae Harring & Myers, 1924
Tetrasiphon Ehrenberg, 1840
hydrocora Ehrenberg, 1840
spicatus (Hudson, 1885) [St98]

Lindiidae Harring & Myers, 1924
Lindia Dujardin, 1841
truncata (Jennings, 1894) [St98, Jä56c]
torulosa Dujardin, 1841 [Le94, 01b]

Ituridae Sudzuki, 1964
Itura Harring & Myers, 1928
aurita (Ehrenberg, 1830) [Jä23, 56c]
myersi Wulfert, 1935 [Go69–cf.]
viridis (Stenroos, 1898) [St98, Jä56c]

Dicranophoridae Harring, 1913
Albertia Dujardin, 1838
naidis Bousfield, 1886
intrusor Gosse, 1888 [Le94]

Balatro Claparède, 1867
calvus Claparède, 1867 [Le91–sp.] Pejler 1993

Dicranophorus Nitzsch, 1827
Diglena Ehrenberg, 1829
Arthroglena Bergendal, 1892
luetkeni (Bergendal, 1892) [St98, Jä15]
forcipatus (Müller, 1786) [St98, Jä56c]
grandis (Ehrenberg, 1832) [St98]
robustus Harring & Myers, 1928 [Go69]
europaeus Wulfert, 1936

Dicranophoroides De Smet, 1997
caudatus (Ehrenberg, 1834) [St98, Jä56c]

Encentrum Ehrenberg, 1838
putorius Wulfert, 1936 [Go69, Be78]
marinum (Dujardin, 1841) [Le94, 01b, Go72]
felis (Müller, 1773) [Jä56c]
mirabile (Stenroos, 1898) [St98]
rapax Donner, 1943 [Be78]
uncinatum (Milne, 1886) [Jä56c]
aquila (Gosse, 1887) [Jä63]
saundersiae (Hudson, 1885) [St98]
vernale (Ehrenberg, 1834) * [Jä56c]

Parencentrum Wiszniewski, 1953
plicatum (Eyferth, 1878) [Jä56c]

Aspelta Harring & Myers, 1928
aper (Harring, 1913) [Go69–cf.]
circinator (Gosse, 1886) [Be78]
europaea Hauer, 1939 [Go72]

pachida (Gosse, 1887) [Pu47]
littoralis (Levander, 1894) [Le94, 01a, 01b]

Trichocercidae Harring, 1913

Trichocerca Lamarck, 1801

Rattulus Lamarck, 1801

Mastigocerca Ehrenberg, 1830

subg. **Diurella** Bory de St. Vincent, 1824

collaris (Rousselet, 1896) [St98, Go69]

sejunctipes (Gosse, 1851) [St98]

brachyura (Gosse, 1851) [LW18, Jä56c, Go69, 72]

rattulus (Eyferth, 1878) [Le91, 94]

sulcata (Jennings, 1894) [St98, Jä16b, 23, 36b, 56c]

bidens (Lucks, 1912) [Jä25, 36a, 36b, 56a, 56c]

longistyla (Olofsson, 1918)

parvula Carlin, 1939 [Go69–cf.]

tigris (Müller, 1786) [Le94, 15b, St98, Jä56a, 56c, Ha58, Go69]

weberi (Jennings, 1903) [Jä56c]

intermedia (Stenroos, 1898) [St98]

inermis (Linder, 1904) [Jä36a, 56]

dixonnutalli (Jennings, 1903)

arctica Voigt, 1957 [Go72]

minuta (Olofsson, 1918) nec (Gosse, 1886)

rousseleti (Voigt, 1902) [Jä27b, 36a, 36b, 36c, 37, 52, 56a, 56b, 56c, 58, 63, Ha58, Ha69, 75, 78, Gr70, G&73, 82, El74, 75, 80, 88, V&81, Ko82, 83, K&90]

uncinata (Voigt, 1902) [Jä56c]

tenuior (Gosse, 1886) [Jä56a, 56c, Go69]

cuspidata (Stenroos, 1898) * [St98, Jä56c]

unidens (Stenroos, 1898) * [St98]

insignis (Herrick, 1885) [Go69, Be78]

musculus (Hauer, 1936) [Go69]

porcellus (Gosse, 1851) [Le06c, St98, LW15, 18, Jä32, 56a, 56b, 56c, 58, 63, Go69, Ha69, 72, 75, 78, Gr70, G&73, 82, El75, 88, V&81, Ko82, 83, K&90]

taurocephala (Hauer, 1931) [Go72]

similis (Wierzejski, 1893) [Jä56a, Go69, Ha78, El74, 80, 88, Vu81]

birostris (Minkiewicz, 1900) [Jä56a, 58, 63, Go69, Ha78, El75, 80]

stylata (Eyferth, 1878) nec (Gosse, 1851) [Jä32, 36a, 56a, 56c, 63]

subg. **Trichocerca** s.str.

bicristata (Gosse, 1887) [St98, LW15, 18, Jä56c]

elongata (Gosse, 1886) [LW18, Jä15, 56c, Ko82]

grandis (Stenroos, 1898) [St98]

mollis Edmondson, 1936 [Go69, Be78]

lophoessa (Gosse, 1886) [St98, Jä56c, Go69]

rattus (Müller, 1776) [Le94, St98, Jä23, 56c, Go69, 72, Ha78]

carinata (Ehrenberg, 1830) [Le94, 01a, 01b, St98, Jä16b, 23, 27b, 30]

crystata Harring, 1913 [Jä56a, 56c]

pusilla (Jennings, 1903) [Jä36a, 36b, 56a, 58, 63, AM69, G&73, Ha72, 75, 78, Vu81, Ko83]

stylata (Gosse, 1851) [El74, 75]

lata (Jennings, 1894) [St98]

cylindrica (Imhof, 1891) [Le15, LW18, Jä25, 36a, 36b, 36c, 52, 56a, 56c, 58, Ha69, 72, 78, G&73, El80, Ko82, Ca83]

setifera (Lauterborn, 1893) [Le00b]

hamata (Zacharias, 1897) [Le00b]

capucina (Wierzejski & Zacharias, 1893) [Le94, 00b, 06c, 15, 15b, St98, Wa13, LW18, Jä25, 27a, 32, 36a, 36b, 36c, 56a, 56c, 63, Ha58, Go69, Ha69, 72, 78, G&73, Ko82, 83, T&98]

brevistyla (Lucks, 1912) [Jä36b]

macera (Gosse, 1886) [St98, Jä56c]

fusiformis (Levander, 1894) [Le94, St98]

iernis (Gosse, 1887) [Jä56c]

scipio (Gosse, 1886) [St98, LW18, Jä56c]

jenningsi Voigt, 1956 [Go69]

rosea (Stenroos, 1898) [St98, 56c]

longiseta (Schrank, 1802) [LW15, 18, Jä27a, 36a, 36c, 56a, 56c, Go69, 72, Ha75, 78, Ko82, K&90]

bicornis (Ehrenberg, 1832) [Le94, St98]

marina (Daday, 1890) [Pu47]

curvata (Levander, 1894) [Le94, 01b, V&26, Ha58, Vu81]

Elosa Lord, 1891

worrallii Lord, 1891 [Jä56]

Gastropodidae Harring, 1913

Gastropus Imhof, 1888

Notops auct. nec Hudson & Gosse, 1886

Postclausa Hilgendorf, 1899

styliifer (Imhof, 1891) [Le00b, 15, Wa13, LW15, 18, V&26, Jä27b, 32, 36a, 36b, 52, 56a, 56b, 56c, 58, 63, Ha58, Ha69, 75, 78, Gr70, G&73, 82, El75, 80, Vo78, V&81, Ko82, 83, El88, K&90]

pygmaeus (Calman, 1892) [St98]

minor (Rousselet, 1892) [Le15b, LW15, 18, Jä32, 56a, 56c, Ha58, G&73, Ha75, 78]
fennicus (Stenroos, 1898) [St98]
hyptopus (Ehrenberg, 1838) [Jä16b, 56c, El74, 80, Ha78]

***Ascomorpha* Perty, 1850**

***Sacculus* Gosse, 1851**
***Chromogaster* Lauterborn, 1893**
***Anapus* Bergendal, 1892, nec Stål, 1858**
saltans Bartsch, 1870 [Jä63, Ha69, 75, G&73, 82, El74, 88, Ha78, V&81, Ko82, 83, K&90]
ecaudis Perty, 1850 [Le15b, Jä36a, 36b, 52, 56a, 56c, 58, 63, Ha58, Ha69, 75, 78, Gr70, G&73, 82, El74, 75, 80, V&81, Ko82, 83]
viridis (Gosse, 1851) [St98]
ovalis (Bergendal, 1892) [Le00b, LW18, Jä32, 36a, 56a, 63, Go69, Ha69, 78, G&73, 82, El75, 80, Ko82, 83, K&90]
testudo (Lauterborn, 1893) [Le00b, Wa13, Jä36a, 36b]

Asplanchnidae Eckstein, 1883

***Asplanchna* Gosse, 1850**
***Asplanchnella* Sudzuki, 1964**
herrickii Guerne, 1888 [Le94, 00b, 15, Wa13, LW18, Jä25, 27b, 29a, 32, 36a, 36b, 36c, 56a, 56b, 56c, 63, Ha58, Ha69, 72, 75, 78, G&73, 82, El75, Ko82, 83, Va06]
priodonta Gosse, 1850 [Le94, 00b, 06a, 06b, 06c, 15, 15b, Wa13, LW15, LW18, V&26, Jä15, 25, 27b, 29a, 29b, 30, 32, 36a, 36b, 36c, 52, 56a, 56b, 56c, 63, Ha58, Ha69, 72, 75, 78, Gr70, G&73, 82, El74, 75, 80, V&81, Ko82, 83, Ca83, V&87, K&90, Vi92, 94, P&98, T&98, Va06]
helvetica Imhof, 1884 [Le91, 92]
brightwelli Gosse, 1850 [Le14, LW18, V&26, Jä36a, 56a, Pu47, Ha78(cf.), P&98]
girodi Guerne, 1888 [PI89, No90, Le94, 01a, 01b, 13, Wu13]
syringoides Plate, 1889 * [PI89, No90, Wu13]

***Asplanchnopus* Guerne, 1888**

multiceps (Schrank, 1793) [Jä56c]

***Harringia* Beauchamp, 1912**

eupoda (Gosse, 1887) [St98]

Synchaetidae Hudson & Gosse, 1886

***Ploesoma* Herrick, 1885**
***Gastroschiza* Bergendal, 1892**
***Bipalpus* Wierzejski & Zacharias, 1893**
truncatum (Levander, 1894) [Le94, 15, 15b, St98, LW15, 18, Jä25, 27b, 30, 32, 33, 36a, 36b, 56a, 56c, Ha58, Go69, Vu81, Ko82, 83, Va06?]
lenticulare Herrick, 1885 [Le00b, Jä15, 56c, 63, Ko82]
foveolatum (Jägerskiöld, 1892) [Le94, St98]
lynceus (Ehrenberg, 1834) * [Go69]
triacanthum (Bergendal, 1892) [Le94, 00b, St98, Jä15, 56c, Ha69, 78, G&73, El80, Ko82]
hudsoni (Imhof, 1891) [Le00b, 06a, 06b, 15, 15b, Wa13, LW15, 18, Jä25, 27b, 29b, 32, 36a, 36b, 36c, 52, 56a, 56b, 56c, 58, 63, Ha58, Ha69, 72, 75, 78, V&81, G&73, 82, El74, 75, 80, Ko82, 83, K&90, Va06?]
flexile (Jägerskiöld, 1892) [Le94, St98]

***Polyarthra* Ehrenberg, 1834**

vulgaris Carlin, 1943 [Jä52, 56a, 56b, 56c, 58, 63, Go69, Ha69, 75, 78, AM69, Gr70, G&73, 82, El74, 75, 80, 88, Vo78, Vu81, V&81, Ko82, 83, Ca83, K&90, T&98]
platyptera auct. nec Ehrenberg, 1838 [PI89, No90, Le94, 00b, 06a, 06b, 06c, 15b, St98, Wa13, Wu13, LW15, 18, Jä15, 16a, 23, 25, 27a, 27b, 28, 29a, 29b, 30, 32, 33, 36a, 36b, 36c, 37, V&26, Ha58]
minor Voigt, 1904 [Go69, V&81]
dolichopectera Idelson, 1925 [Jä52, 56a, 56b, 56c, 63, Ha69, 72, 75, 78, Gr70, El74, 75, 80, Vu81, V&81, G&82, Ko82, 83]
trigla auct. nec Ehrenberg, 1834 [Jä56c]
remata Skorikov, 1896 [Jä52, 56a, 56b, 58, 63, Ha69, 75, 78, Gr70, G&73, 82, El74, 75, 80, 88, Vu81, V&81, Ko82, 83, T&98]
maior Burckhardt, 1900 [Jä52, 56a, 56b, 56c, 58, 63, Ha69, 75, 78, Gr70, G&73, 82, El74, 75, 80, 88, Vu81, V&81, Ko82, 83, T&98]
euryptera Wierzejski, 1891 [Le00b, 15, Jä29a, 29b, 36a, 56a, 63, Ha58, Ha69, 72, 75, 78, Gr70, G&73, Ko82, 83, T&98]

***Synchaeta* Ehrenberg, 1832**

monopus Plate, 1889 [PI89, No90, Le91, 94, 00a, 01a, 01b, 13, 14, 15b, Wu13, V&26, Ha37, 58, Pu47, Vu81, V&87, Vi92, 98, P&98]

curvata Lie-Pettersen, 1905 [Vu81]
fennica Rousselet, 1909 [Le15b, Vā26, Ha37, Pu47, Ha58]
cecilia Rousselet, 1902 [Go72, Vu81, SM10]
baltica Ehrenberg, 1834 [Le94, 00a, 01a, 01b, 13, 14, 15b, Wu13, Vā26, Ha37, Pu47, Ha58, Go72, Vu81, Vi92, 94, P&98]
apus Plate, 1889 [P189, No90, Le91, 92]
grandis Zacharias, 1893 [Jā36a, 56a, Ha69, E175]
vorax Rousselet, 1902 [Go72]
stylata Wierzejski, 1893 [Le15, St98, Jā33, 36a, 56a, 56c, 63, G&82, T&98]
longipes Gosse, 1887 [Jā36a, 56a, 56c]
lakowitziana Lucks, 1930 [Ha69]
oblonga Ehrenberg, 1831 [Jā30, 32, 56a, 56c, 63, Go72, E175, Vo78, G&82]
littoralis Rousselet, 1902 [Vā26, Ha37, 58, Vu81, P&98, SM10]
pectinata Ehrenberg, 1832 [Le15, Jā16b, 23, 30, 36a, 56a, 56c, Ha58, Ha69, Vo78, T&98]
tavina Althaus, 1957 [Be78]
gyrina Hood, 1887 [Le01a?, 01b?, Go72]
tremula (Müller, 1786) [St98, Jā32, 36a, 36b, 36c, 56a, 56c, 63, Go72, G&82]
kitina Rousselet, 1902 [Go69, Ha69]

Microcodonidae Hudson & Gosse, 1886
Microcodon Ehrenberg, 1830
clavus Ehrenberg, 1830 [Le94, St98, Jā56c]

FLOSCULARIACEA

Testudinellidae Harring, 1913
Testudinella Bory de St. Vincent, 1826
Pterodina Ehrenberg, 1838
patina (Hermann, 1783) [Le91, 94, 00b, 01a, 01b, 15b, St98, Wu13, LW15, 18, Jā23, 56a, 56c, Ha58, Go69, 72]
valvata (Hudson, 1871) [St98]
parva (Ternetz, 1892) [Go69]
bidentata (Ternetz, 1892) [St98]
semiparva Hauer, 1938
clypeata (Müller, 1786) [Le94, 01b, Pu47, Go72]
crassa (Levander, 1894) [Le94, 01b] – cf. De Smet 2009
elliptica (Ehrenberg, 1834) [Jā23, 56c]
pseudoclypeata Bērziņš, 1943
incisa (Ternetz, 1892) [Be78]
emarginula (Stenroos, 1898) [St98]
truncata (Gosse, 1886) [Jā56c, Go69]
reflexa (Gosse, 1887) [Jā23, 56c]

Pompholyx Gosse, 1851
complanata Gosse, 1851 [Jā56a, 56c, 58, 63, Ha78]
sulcata Hudson, 1885 [LW18, Jā30, 36a, 36c, 52, 56a, 56b, 56c, Go69, E175, Ha78, Vu81, Ca83]

Hexarthridae

Hexarthra Schmarda, 1854
Pedalion Hudson, 1871, nec Swainson, 1839
fennica (Levander, 1892) [Le94, Go72]
oxyuris (Zernow, 1903) [Vā26]
mucronatum (Daday, 1908)
mira (Hudson, 1871) [Le94, Jā36a]

Trochosphaeridae

Filinia Bory de St. Vincent, 1824
Triarthra Ehrenberg, 1832
Tetramastix Zacharias, 1898
cornuta (Weisse, 1847) [Be78]
brachiata (Rousselet, 1901) [Vā26, Jā36a, 56a, 58, E174, Vu81]
terminalis (Plate, 1886) [Jā56a, 56c, 58, Go69, Ha69, 75, 78, G&73, 82, E175, V&81, Ko82, 83, K&90]
longiseta (Ehrenberg, 1834) [P189, No90, Le91, 92, 94, 06a, 13, 15b, Wu13, LW15, 18, Vā26, Jā25, 29a, 32, 36a, 36b, 36c, 52, 56a, 56b, 56c, 58, 63, Se39, Pu47, Ha58, Ha72, 75, 78, Vu81, V&81, G&82, Ko82, 83, P&98, Va06]
limnetica (Zacharias, 1893) [Le94, 00b, 01a, 01b, 06b, 06c, Jā15, 36a, 56a, 56c, 58, 63, Ha58, Ha78, Vu81]
opoliensis (Zacharias, 1898) [Jā56a]

Flosculariidae

Limnias Schranck, 1803
Cephalosiphon Ehrenberg, 1853
ceratophylli Schranck, 1803 [St98]
socialis Leidy, 1874 [Jā56c]
melicerta Weisse, 1848
limnias (Ehrenberg, 1853) [St98, Jā56c]
annulatus Bailey, 1854 [St98]
nymphaeae Stenroos, 1898 [St98]

Floscularia

janus (Hudson, 1881) [St98, Jā56c]
ringens (Linnaeus, 1758) [Le92, 94, St98, Jā56c]

Lacinularia

flosculosa (Müller, 1773) [Jā56c]

Ptygura Ehrenberg, 1832

Oecistes, Ehrenberg, 1834

Pseudoecistes Stenroos, 1898

crystallina (Ehrenberg, 1834) [St98]

rotifer (Stenroos, 1898) [St98]

pilula (Cubitt, 1872) [Le94, Jä56c]

longicornis (Davis, 1867) [St98]

socialis (Weber, 1888) [St98]

Conochilidae Haring, 1913

Conochilus Ehrenberg, 1834

Conochiloides Hlava, 1904

natans (Seligo, 1900) [Wa13]

Conochilus s.str.

hippocrepis (Scranks, 1803) [Jä56a, 56b, 56c, Gr70,

G&73, 82, El74, 75, 80, Ha72, 75, 78,

V&81, Ko82, 83, K&90]

volvox Ehrenberg, 1834 [Le91, 94, 15, St98,

LW18, Jä23, 58]

unicornis Rousselet, 1892 [Le00b, 06a, 06b, 06c, 15,

Wa13, LW15, Jä25, 27b, 29a, 29b, 30, 36a,

36b, 36c, 52, 56a, 56b, 56c, 58, 63, Ha58,

Go69, Ha69, 72, 75, 78, Gr70, G&73, 82,

El74, 75, 80, Vo78, V&81, Ko82, 83, Ca83,

K&90]

limneticus Stenroos, 1898 [St98]

COLLOTHECACEA

Collothecidae Haring, 1913

Stephanoceros Ehrenberg, 1832

fimbriatus (Goldfuss, 1820)

eichhorni Ehrenberg, 1832 [Le94, St98]

Collotheca Haring, 1913

pelagica (Rousselet, 1893) [Le94, 01b, Vä26, Jä32,

36a, 56a, 56c, Pu47, V&81, Ca83, Vi92]

libera (Zacharias, 1894) [Le06a, Jä32, 56b, 56c, 63,

Go69, Gr70, El75, Ca83]

mutabilis (Hudson, 1885) [Le94, 00b, Wa13, Jä29b,

32, 36a, 56a, 56b, 58, 63, Ha58, Ca83]

hoodii (Hudson, 1883) [St98]

trilobata (Collins, 1872) [St98]

ambigua (Hudson, 1883) [Be78]

algiticola (Hudson, 1886) [St98]

discophora (Skorikov, 1903) [Be78]

torquiolobata (Thorpe, 1891) [Be78]

campanulata (Dobie, 1849) [St98]

ornata (Ehrenberg, 1832) [Le94, 01b, St98]

cornuta (Dobie, 1849) [Le94, St98, Jä56c]

appendiculata (Leydig, 1854) [Le91, 92]

trifidlobata (Pittock, 1895) [Be78]

heptabrachiata (Schoch, 1869)

regalis (Hudson, 1883) [St98, Jä56c]

References (faunistics)

- Alhonen, P. & Mantere-Alhonen, S. 1969. Über den limnologischen und mikrobiologischen Zustand des Seen Kyrösjärvi in Satakunta (Süd-Westfinland). — Memoranda Soc. Fauna Flora Fenn. 45:24–41. [AM69]
- Bérezins, B. 1978. Rotatoria. — In Illies, J. (ed.), Limnofauna Europaea (2nd ed.), pp. 54–91. [Be78] < 23 spp. presumably from Finland >
- Cajander, V.-R. 1983. Production of planktonic Rotatoria in Ormajärvi, an eutrophicated lake in southern Finland. — Hydrobiologia 104:329–333. [Ca83]
- Eloranta, P. 1974. Lake Keuruselkä, physical and chemical properties of water, phytoplankton, zooplankton and fishes. — Aqua Fenn. 3:18–43. [El74]
- Eloranta, P. 1975. Studies on the Zooplankton of Lake Keuruselkä, Finnish Lake District. — Aqua Fenn. 4:75–89. [El75]
- Eloranta, P. 1980. Zooplankton in a watercourse polluted by a sulphite pulp mill. — Ann. Zool. Fenn. 17:261–267. [El80]
- Eloranta, P. 1988. *Kellicottia bostoniensis* (Rousselet), a planktonic rotifer species new to Finland. — Ann. Zool. Fenn. 25:249–252. [El88]
- Godske Eriksen, B. 1969. Rotifers from two tarns in southern Finland, with a description of a new species, and a list of rotifers previously found in Finland. — Acta Zool. Fenn. 125:1–36. [Go69]
- Godske Björklund, B. 1972. The rotifer fauna of rock-pools in the Tvärminne archipelago, southern Finland. — Acta Zool. Fenn. 135:1–30. [Go72]
- Granberg, K. 1970. Seasonal fluctuations in numbers and biomass of the plankton of Lake Pääjärvi, southern Finland. — Ann. Zool. Fenn. 7:1–24. [Gr70]
- Granberg, K., Mäkinen, P. & Hakkari, L. 1973. Keiteleen limnologiset tutkimukset vuosina 1970 ja 1971. — Jyväskylän hydrobiol. tutk.lait. tiedonant. 39:1–41. [G&73]
- Granberg, K., Selin, P. & Mettinen, A. 1982. Enonkosken vesistöalueen limnologiset tutkimukset Itä-Suomen keskuskalanviljelylaitoksen vedenotto- ja jätevesien laskulupaa varten. — Hydrobiol. tutk.kesk. tiedonant. 116:1–72. [G&82]
- Green, J. 1957. Parasites and epibionts of Cladocera in rock pools of the Tvärminne archipelago. — Arch. Soc. Zool. Bot. Fenn. "Vanamo" 12:5–12. [Gr57]
- Hakkari, L. 1969. Zooplankton studies in the lake Länngelmävesi, south Finland. — Ann. Zool. Fenn. 6:313–326. [Ha69]
- Hakkari, L. 1972. Zooplankton Species as Indicators of Environment. — Aqua Fennica 2:46–54. [Ha72]

- Hakkari, L. 1975. Keski-Päijänteen jätevesikuorman vähentämisen vaikutuksista eläinplanktoniin. — Jyväskylän hydrobiol. tutk.lait. tiedonant. 43:23–40. [Ha75]
- Hakkari, L. 1978. On the productivity and ecology of zooplankton and its role as food for fish in some lakes in Central Finland. — Biol. Res. Rep. Univ. Jyväskylä 4:3–87. [Ha78]
- Halme, E. 1937. Eine neue Methode zur Bestimmung der relativen Wanderungsintensität des Zooplanktons. — Acta Soc. Fauna Flora Fenn. 60:347–373. [Ha37]
- Halme, E. 1958. Planktologische Untersuchungen in der Pojo-Bucht und angrenzenden Gewässern. IV. Zooplankton. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 19(3):1–62. [Ha58]
- Järnefelt, H. 1915. Beitrag zur Kenntnis des Planktons in einigen Binnenseen Finnlands. — Medd. Soc. Fauna Flora Fenn. 41:4–6. [Jä15]
- Järnefelt, H. 1916a. Pieni lisä potamoplanktonin tuntemiseksi. — Medd. Soc. Fauna Flora Fenn. 42:4–5. [Jä16a]
- Järnefelt, H. 1916b. Zur Kenntnis des Lebens in einem Brunnen. — Medd. Soc. Fauna Flora Fenn. 42:10–13. [Jä16b]
- Järnefelt, H. 1923. Über den Tierbestand einiger Teiche in Nyland. — Acta Soc. Fauna Flora Fenn. 52(4):1–53. [Jä23]
- Järnefelt, H. 1925. Zur Limnologie einiger Gewässer Finnlands. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 2:186–352. [Jä25]
- Järnefelt, H. 1927a. Zur Limnologie einiger Gewässer Finnlands II. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 6:65–100. [Jä27a]
- Järnefelt, H. 1927b. Zur Limnologie einiger Gewässer Finnlands III. Pyhäjärvi. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 6:101–153. [Jä27b]
- Järnefelt, H. 1928. Zur Limnologie einiger Gewässer Finnlands V. Vesijärvi. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 8:1–17. [Jä28]
- Järnefelt, H. 1929a. Zur Limnologie einiger Gewässer Finnlands VI. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 8:105–168. [Jä29a]
- Järnefelt, H. 1929b. Zur Limnologie einiger Gewässer Finnlands VII. Witträsk. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 8:181–192. [Jä29b]
- Järnefelt, H. 1930. Zur Limnologie einiger Gewässer Finnlands VIII. Iso-Kiskonjärvi und Muurajärvi. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 10:143–226. [Jä30]
- Järnefelt, H. 1932. Zur Limnologie einiger Gewässer Finnlands IX. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 12:145–283. [Jä32]
- Järnefelt, H. 1933. Zur Limnologie einiger Gewässer Finnlands X. — Ann. Soc. Zool.-Bot. Fenn. Vanamo 14:1–44. [Jä33]
- Järnefelt, H. 1936a. Zur Limnologie einiger Gewässer Finnlands XII. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 3(3):1–206. [Jä36a]
- Järnefelt, H. 1936b. Zur Limnologie einiger Gewässer Finnlands XIII. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 4(2):1–152. [Jä36b]
- Järnefelt, H. 1936c. Zur Limnologie einiger Gewässer Finnlands XIV. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 4(3):1–19. [Jä36c]
- Järnefelt, H. 1937. Ein kleiner Beitrag zur Limnologie des Tuusulanjärvi (Tuusulasee). — Acta Soc. Fauna Flora Fenn. 60:502–515. [Jä37]
- Järnefelt, H. 1952. Zur Limnologie einiger Gewässer Finnlands XV. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 14(7):1–84. [Jä52]
- Järnefelt, H. 1956a. Zur Limnologie einiger Gewässer Finnlands XVI. Mit besonderer Berücksichtigung des Planktons. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 17(1):1–201. [Jä56a]
- Järnefelt, H. 1956b. Zur Limnologie einiger Gewässer Finnlands XVII. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 18(2):1–61. [Jä56b]
- Järnefelt, H. 1956c. Materialien zur Hydrobiologie des Sees Tuusulanjärvi. — Acta Soc. Fauna Flora Fenn. 71(5):1–38. [Jä56c]
- Järnefelt, H. 1958. Zur Limnologie einiger Gewässer Finnlands XVIII. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 19(5):1–52. [Jä58]
- Järnefelt, H. 1963. Zur Limnologie einiger Gewässer Finnlands XIX. — Ann. Zool. Soc. Zool.-Bot. Fenn. Vanamo 24(7):1–118. [Jä63]
- Kankaala, P., Vasama, A., Eskonen, K. & Hyytinen, L. 1990. Zooplankton of Lake Ala-Kitka (NE-Finland) in relation to phytoplankton and predation by vendace (*Coregonus albula*). — Aqua Fenn. 20:81–94. [K&90]
- Kansanen, P.H. 1981. Effects of heavy pollution on the zoobenthos in Lake Vanajavesi, southern Finland, with special reference to the meiozoobenthos. — Ann. Zool. Fenn. 18:243–251. [Ka81]
- Kolari, I. 1982. Äänekoski-Vaajakoski-vesireitin velvoitetarkkailu vuonna 1982. Eläinplanktonitutkimus. — Hydrobiol. tutk.kesk. tiedonant. 119:24–37. [Ko82]
- Kolari, I. 1983. Keski-Päijänteen eläinplanktonitutkimus vuonna 1982. — Hydrobiol. tutk.kesk. tiedonant. 121:25–32. [Ko83]
- Levander, K.M. 1891. Mikrofaunistiska anteckningar. — Medd. Soc. Fauna Flora Fenn. 17:129–143. [Le91]
- Levander, K.M. 1892. [Protozoer och Rotatorier från Esbo skärgård.] — Medd. Soc. Fauna Flora Fenn. 18:246. [Le92]
- Levander, K.M. 1894. Materialien zur Kenntniss der Wasserfauna in der Umgebung von Helsingfors, mit besonderer Berücksichtigung der Meeresfauna. II. Rotatoria. — Acta Soc. Fauna Flora Fenn. 12(3):1–72. [Le94]
- Levander, K.M. 1900a. Über das Herbst- und Winterplankton im Finnischen Meerbusen und in der Ålands-See 1898. — Acta Soc. Fauna Flora Fenn. 18(5):1–25. [Le00a]

- Levander, K.M. 1900b. Zur Kenntniss der Fauna und Flora finnischer Binnenseen. — Acta Soc. Fauna Flora Fenn. 19(2):1–55. [Le00b]
- Levander, K.M. 1901a. Zur Kenntnis des Planktons und der Bodenfauna einiger seichten Brackwasserbuchten. — Acta Soc. Fauna Flora Fenn. 20(5):1–34. [Le01a]
- Levander, K.M. 1901b. Übersicht der in der Umgebung von Esbo-Löfö im Meereswasser vorkommenden Thiere. — Acta Soc. Fauna Flora Fenn. 20(6):1–20. [Le01b]
- Levander, K.M. 1906a. Beiträge zur Kenntnis des Seen Valkea-Mustajärvi der Fischereiversuchsstation Evois. — Acta Soc. Fauna Flora Fenn. 28(1):1–28. [Le06a]
- Levander, K.M. 1906b. Beiträge zur Kenntnis des Sees Pitkänimijärvi der Fischereiversuchsstation Evois. — Acta Soc. Fauna Flora Fenn. 29(3):1–15. [Le06b]
- Levander, K.M. 1906c. Über das Plankton des Sees Humaljärvi. — Medd. Soc. Fauna Flora Fenn. 32:42–46. [Le06c]
- Levander, K.M. 1913. Till kännedom om planktonbeskaffenheten i Helsingfors inre hamnar. — Medd. Soc. Fauna Flora Fenn. 39:26–36. [Le13]
- Levander, K.M. 1914. Zur Kenntnis der Bucht Tavastfjärd in hydrobiologischer Hinsicht. — Medd. Soc. Fauna Flora Fenn. 40:245–264. [Le14]
- Levander, K.M. 1915. Lisätietoja Kallaveden planktonista. — Medd. Soc. Fauna Flora Fenn. 41:139–149. [Le15]
- Levander, K.M. 1915b. Zur Kenntnis der Bodenfauna und des Planktons der Pojowiek. — Fennia 35(2):1–39. [Le15b]
- Levander, K.M. & Wuorentaus, Y. 1915. Planktonsamansättningen i Kemi, Uleå och Kumo ålf samt Kymmene och Saima system på grund af från juni 1913 till juni 1914 månatligen utförda häfningar. — Fennia 39(2):1–36. [LW15]
- Levander, K.M. & Wuorentaus, Y. 1918. Planktonsamansättningen i finska insjöar och floder på grund af häfningar utförda sommaren 1913. — Fennia 40(6):1–95. [LW18]
- Nordqvist, O. 1890. Bidrag till kännedom om Bottniska vikens och norra Östersjöns evertebratfauna. — Medd. Soc. Fauna Flora Fenn. 17:83–128. [No90]
- Pejler, B. 1962. *Notholca caudata* Carlin (Rotatoria), a new presumed glacial relict. — Zool. Bidr. Uppsala 33:453–457. [Pe62]
- Pelikka, K. & Viljamaa, H. 1998. Eläinplankton Helsingin merialueella. — Hels. kaup. ympäristökesk. Julk. 12/98:1–48. [P&98]
- Plate, L.H. 1889. Über die Rotatorienfauna des baltischen Meerbusens, nebst Beiträgen zur Kenntnis der Anatomie der Philodiniden und der systematischen Stellung der Räderthiere. — Zschr. Wiss. Zool. 49:1–42. [Pl89]
- Purasjoki, K.J. 1947. Plankton gesammelt in den Jahren 1899–1910 an den Küsten Finnlands von K.M. Levander. — Finn. hydrograph.-biol. Untersuch. 11:1–40. [Pu47]
- Scheinin, M. & Mattila, J. 2010. The structure and dynamics of zooplankton communities in shallow bays in the northern Baltic Sea during a single growing season. [SM10]
- Segerstråle, S.G. 1939. Ein Planktonprofil Pellinge – Lill-Pernåviken (Südküste Finnlands) im August 1937. — Comment. Biol. 7(10):1–10. [Se39]
- Stenroos, K.E. 1898. Das Thierleben im Nurmijärvi-See. Eine faunistisch-biologische Studie. — Acta Soc. Fauna Flora Fenn. 17(1):1–259. [St98]
- Särkkä, J. 1987. Meiobenthos of a lake chain affected by pulp mill effluent. — Aqua Fenn. 17:35–41. [Sä87]
- Telesh, I.V., Rahkola, M. & Viljanen, M. 1998. Carbon content of some freshwater rotifers. — Hydrobiol. 387/388:355–360. [T&98]
- Wahlberg, A. 1913. Bidrag till kännedom om Littois träsk med särskild hänsyn till dess plankton. — Acta Soc. Fauna Flora Fenn. 38(1):1–201. [Wa13]
- Vartiainen, E. 2006. Jyväsjärven rantavyöhykkeen eläinplankton vuosina 2000–2002. — Jyväskylän Yo, Biojia ympäristötiet. Laitos, 26+12 pp. [Va06]
- Viitasalo, M. 1992. Mesozooplankton of the Gulf of Finland and northern Baltic Proper – a review of monitoring data. — Ophelia 35:147–168. [Vi92]
- Viitasalo, M. 1994. Seasonal succession and long-term changes of mesozooplankton in the northern Baltic Sea. — Finnish Marine Res. 263:3–39. [Vi94]
- Vogt, H. 1978. An ecological and environmental survey of the humic man-made lakes in Finland. — Aqua Fenn. 8:12–24. [Vo78]
- Wuorentaus, Y. 1913. Tietoja Pohjanlahden rannikko-planktonista. — Medd. Soc. Fauna Flora Fenn. 39:15–25. [Wu13]
- Vuorinen, I. 1981. Ympäristötekijöiden vaikutuksesta eläinplanktonyhteisön rakenteeseen ja toimintaan Turun edustan merialueella. — Lounais-Suomen Vesien-suojeluyhdistys, Julk. 48:95–136. [Vu81]
- Vuorinen, I. & Nevalainen, J. 1981. Säkylän Pyhäjärven eläinplanktonitutkimus 1980. — Lounais-Suomen Vesien-suojeluyhdistys, Julk. 47:89–117. [V&81]
- Vuorinen, I. & Ranta, E. 1987. Dynamics of marine mesozooplankton at Seili, northern Baltic Sea, in 1967–1975. — Ophelia 28:31–48. [V&87]
- Välkängas, I. 1926. Planktologische Untersuchungen im Hafengebiet von Helsingfors. I. Über das Plankton, insbesondere das Netz-Zooplankton des Sommerhalbjahres. — Acta Zool. Fenn. 1:1–298. [Vä26]

References (systematics, nomenclature & al.)

- De Smet, W.H. 2009. A review of the marine and brackish-water species of *Testudinella* (Rotifera: Monogononta, Testudinellidae), with the description of two new species. — Zootaxa 2092:1–10.

- Jersabek, C.D., De Smet, W.H., Fischer, C., Fontaneto, D., Michaloudi, E., Wallace, R.L. & Segers, H. 2012. List of Available Names in Zoology, Candidate Part. Phylum Rotifera, species-group names established before 1 January 2000. 2) incompletely defined names, with no types known (B-list). — Internat. Commiss. Zool. Nomenclature.
- Kutikova, L.A. 1970. Kolovratki fauny SSSR (Rotatoria). Podklass Eurotatoria (Ordjady Ploimida, Monimotrochida, Paedotrochida). — Opred. Faune SSSR 104:1–744.
- Pejler, B. 1993. Environmental Data Standardization. Nordic Rotifera. Term List RF, version 931123-KS. — Stockholm, 80 pp.
- Pejler, B. 1998. History of rotifer research in northern Europe. — Hydrobiol. 387/388:1–8.
- Segers, H. 2002. The nomenclature of the Rotifera: annotated checklist of valid family- and genus-group names. — Journ. Nat. Hist. 36:631–640.
- Segers, H. 2007. Annotated checklist of the rotifers (Phylum Rotifera), with notes on nomenclature, taxonomy and distribution. — Zootaxa 1564:1–104.

Appendix

Names of uncertain status:

- Cathypna affinis* Levander, 1894
Diaschiza cupha Perty, 1849
Mastigocerca cuspidata Stenroos, 1898
Salpina lynceus Ehrenberg, 1834
Salpina mutica Perty, 1849
Mastigocerca unidens Stenroos, 1898
Asplanchna syringoides Plate, 1889
Theorus vernalis Ehrenberg, 1830