

Acanthocyclops Kiefer, 1927

①

- Damian-Georgescu, 1963: 123 - 125
- BRESCIANI, 1986: 127, 128 - tegument; 139
- BORUTZKY, 1960: 73 - in key; 85-92, key to sexes; 160
- REID 1985b: 43
- LESCHER - MOUTOUÉ 1966: 675
- REID 1987c: 135
- FERRARI 1991: 117-, DEVELOPMENT

Acanthocyclops Kiefer, 1927

card 2

-- Reid et al. 1991:143-, sp. list + table of NA spp.

-- WILLIAMSON 1991: 808 -

- KIM & CHANG 1991: 300 -

- MAZEPOVA 1978: 38-39, DISCUSSES VS. DIA. + MEGA.

ACANTHOCYCLOPS CAPILLATUS - GROUP STOCH, 1987

--- POSPISIL 1994: 59

Acanthocyclops abyssicola - see Diacyclops

Cyclopidae-Cyclopida

Acanthocyclops (?) agamus Kiefer

—Kiefer, Friedrich, 1938, pp. 4-6, figs. 6-10.

—Kiefer, 1978: 214

A.-, REID ET AL. 1991: 145

A.-, REID 1992c: 274

A.-, GALASSI 1997: 277, S. ITALY

Acanthocyclops alticola (Kiefer) - see Diacyclops

= ACANTHOCYCLOPS

Cyclopidae - Cyclopoida.

Cyclops americanus Marsh, ♂. ♀. ①

— — Marsh, 1893, p. 202: pl. 4, f. 8-10.

— parvus, Herrick, 1883, p

— brevicornis, Herrick, 1884,

— americanus Brewer, 1898, p. 132.

A subspecies of Cyclops viridis.

(Herrick, 1895, p. 91).

— — Lehmann, 1903, p. 288.

— — Marsh, 1920, p. 9-10.

— — Ewers, 1930, p. 27: pl. 11 (naupliar stages).

— — Gurney, 1933, p. 205: figs. 1616-1625.

— — americanus Marsh. — Fryer, 1954, pp. 70-74. England.

Acanthocyclops americanus, Monchenko, 1961, pp. 13-19. USSR.

CYCLOPS —, DAVIS, 1954: TAB. 3

--, COMITA, 1951: 369, 370

— Willey, 1923: 306-307

= ACANTHOCYCLOPS

Cyclops americanus MARSH, 1893

card 2

--, KIEFER, 1976, p. 104-108

-- OLIVE 1955:433.

-- HEBERER 19376:79

-- CHANDLER, D. 1940:325, L. ERIE

-- KIEFER 1931:609

Acanthocyclops, americanus (Marsh, 1893) ③

--, Dussart, B. H., 1971 (France)

--, Dussart, Fize, & Michel, 1970 (France)

--, Dussart, 1967 : 100 fig 5

--, Mastrantuono : Stella, 1974, p. 213.

--, MONCHENKO, 1977a : 1725

--, MONCHENKO, 1978 : 82

--, MONCHENKO & TAVOLZHANOVA, 1976a : 563, 564, 572,

573

--, MONCHENKO 1961 : 13-19.

Acanthocyclops americanus (Marsh, 1893) card 4

--, Alekesyev & Kossova, 1976, p. 1726-1728

--, Kiefer, 1976, p. 104

--, PETKOUSKY 1975: 95, 113-, A. a. OF BORUTZKY 1966 +

OTHER AUTHORS = A. ROBUSTUS F. LIMNETICA, N.F.

-- BRANDL 1973: 84-, CULTURE

-- PARCHUK - 1990: 33-, DANUBE RIVER

CYCLOPS (ACANTHO.) -, HARDING + SMITH 1974: 40-, BRITAIN

A. -, MONCHENKO 1980: 16

-- DODSON 1994: 113-

ACANTHOCYCLOPS AMERICANUS (MARSH, 1893) CARDS

-- WYNGAARD + CHINNAPPA 1982: 500

-- DAHMS + FERNANDO 1997: 129, INVALID SP.

CYCLOPS -, DAHMS + FERNANDO 1993: 608

-- CHINNAPPA + VICTOR 1979: 1597

ACANTHOCYCLOPS AMERICANUS SPINOSA

--, MONCHENKO & TANOLZHANOVA, 1969: 563-573

--, KIEFER, 1976, p. 104

--, Monchenko, 1967, p. 103

--, Michajlow & Monchenko, 1967, p. 106, tbl. 1

- Monchenko, 1961: 13-19, fig. a-e

--- PETKOUSKI, 1975: 114

Acanthocyclops arenosus Mazepova - see Diacyclops

Acanthocyclops balcanicus Naidenow & Pandourski, 1992

-- Naidenow & Pandourski 1992: 7-9, 11, Figs. 1-9, n.sp.
female only, groundwater in cave at Dorf Gradejnitza,
Bulgaria

-- PANDOURSKI 1994: 5-, FIGS. 1, 4a, b, 7♂, BULGARIA

-- PANDOURSKI 1994 b: 100

-- PANDOURSKI 1997: 281-283, 290, FIG. 4-6, BULGARIA

Acanthocyclops biarticulatus Monchenko, 1972

-- Monchenko 1972:80,81,82,83-86, figs. 1,2 ♀ - Russia

-- REID ET AL. 1991:145

-- PANDOURSKI 1992 b: 404

-- PANDOURSKI 1994 b: 100

-- MIRABDULLAYEV & KUZMETOV 1997: 11-14, FIGS. 1-17,
TAB. 1, KAZAKHSTAN; DESCR. ♂

-- PANDOURSKI 1997: 290

Acanthocyclops bicuspidatus and subspecies - see
Diacyclops

Acanthocyclops bicuspidatus thomasi - see Diacyclops
thomasi

Acanthocyclops bisetosus (Rehberg) - see Diacyclops

ACANTHOCYCLOPS BRACHYPAUS (KIEFER,
1954) - SEE MEGACYCLOPS

= ACANTHOCYCLOPS

Cyclopidae - Cyclopoida.

Cyclops brevispinosus Herrick, ♀

— — Herrick, 1895, p. 95: pl. 23, f. 1-4: pl. 24, f. 7-12.

— — Norton, 1909, p. 246.

— — Herrick, 1884, p. 148: plate 5, f. 7-11.

A synonym of Cyclops robustus.

(Sars, 1913, p. 45).

— — = C. vernalis, Schmeil, 1898, p. 150

— — Forbes, 1897, p. 41

(over)

— — Marsh, 1893, p. 205: pl. 4, fig. 11-12

— — Marsh, 1897, p. 14: pl. 7, fig. 12.

C. viridis, var *brevispinosus*. Marsh, 1918, p. 775:

C. brevispinosus Birge, 1897, p. 326.

text-fig. 1215.

— — Lehmann, 1903, p. 279:

--, Comita, 1951: 369

— Willey, 1923: 306, 311

= ACANTHOCYCLOPS

Cyclops brevispinosus HERRICK, 1895

card 2

--, Kiefer, 1976, p. 104, 107

-- CHANDLER, D. 1940: 325, L. ERIE

-- REED 1986: 132

-- KIEFER 1931: 610, ? = C. ROBUSTUS

-- WATSON 1963: 282-, MANITOBA

-- PENN 1947: 193, NEW ORLEANS, LA, USA

-- REID 1986: 2, DC, USA

Acanthocyclops brevispinosus ③

--Mastrantuono & Stella, 1974, p. 214.

CYCLOPS VIRIDIS BREVISPINOSUS, RAWSON 1956a: 71;

GREAT SLAVE LAKE

A. b. - DODSON 1994: 113-131, FIGS. 1-3, NEW

DIAGNOSIS, WISCONSIN

C. -, WYNGAARD & CHINNAPPA 1982: 510

A. b., DAHMS & FERNANDO 1997: 129-143, FIGS. 1-7,

ONTARIO; REDESCRIPTION OF ♀, DESCRIPTION OF ♂

A. b., LESCHER-MOUTOUÉ 1996: 907 -

ACANTHOCYCLOPS BREVISAINOSUS (HERRICK, 1895) (4)

CYCLOPS (ACANTHOCYCLOPS) VERNALIS BREVISAINOSUS,

WATSON & LAWLER 1965: 1337-1342

A. VERNALIS B., CHINNAPPA & VICTOR 1979: 1597

ACANTHO-

Cyclopidae - Cyclopoida.

Cyclops capillatus G.O. Sars. ♀. ①

— — Sars, 1863, p. 39: 1913, p. 43: pl. 24.

— — Herrick, 1895, p. 115: 1884, p. 156.

— — Sars, 1913, p. 43: pl. 24.

— — Herrick & Turner, 1895, p. 115.

— — Tash, 1971, p. 114.

Habitat, Scandinavia:

--, BAROACH, 1954: 50

--, REED, 1963: 51

--, Cederström 1893: 149.

- — Schmeil, 1898, p. 152: pl. 13. f. 1.
- — Tilljeborg, 1901, p. 54: pl. 4, f. 1-4.
- — Marsh, 19 , p. : pl. 4, f. 4, 6, 8-10.
- — F. Kiefer, 1929, p. 57:
 - Reed, 1962, pp. 27-50.
 - , PATALAS + SALKI, 1984: 616 TAB. 1, 628
 - .. REED 1964: 692-, CANADIAN LAKES
 - KIEFER 1931: 610

Acanthocyclops capillatus (G. O. Sars, 1863)

(2)

CYCLOPS -, SOWINSKY 1888: 246 -, UKRAINE

-- MÄEMETS & VELDRE 1956a: 21, ESTONIA

-- VELDRE + MÄEMETS 1956: 40, 44-45, PL. VII FIGS. 9-12,
ESTONIA

-- BORUTZKY, 1960: 89, FIG. 35(C)

— KIEFER, 1978: 214

-- LESCHER-MOUTOUÉ + ROUCH, UNDATED.

-- REED 1959: 27-, ALASKA, CANADA

-- REED, ^{1991b: 240-} ~~UNDATED MS.~~: YUKON TERRITORY

Acanthocyclops capillatus (G.O. Sars, 1863)

card 3

-- Reid 1990b:179

CYCLOPS-, TASH 1971: 95-, CAPE THOMPSON, ALASKA

C.-, TASH & ARMITAGE 1967: 132-, CAPE THOMPSON, ALASKA

-- SHIOZAWA 1991: 289-, MINNESOTA

-- REID ET AL. 1991: 147-

-- WILLIAMSON 1991: 810

C.-, REED 1958a: 152, ARCTIC ALASKA

-- REID & REED 1994: 80, YUKON TERRITORY, CANADA

-- VEKHOV 1997: 25-27, TABS. 1, 2, E. BARRENTS SEA ISLANDS.

ACANTHOCYCLOPS CAPILLATUS (G.O. JARVIS 1863)

(4)

-- REID 1998: 114, TAB. 2

= ACANTHOCYCLOPS

Cyclopidae-Cyclopoida

Cyclops carolinianus Yeatman

①

_____ Yeatman 1944, pp. ~~1-90~~, 37-40, pl. 6, ♀♂
North Carolina

--, DAVIES & JENSEN, 1975: ~~2140~~ 2140

??

Acanthocyclops carolinianus (Yeatman 1944)

(2)

- REID 1991d: 262-
- WILLIAMSON 1991: 810
- Smith & Fernando 1977: 1874, 1880, figs. 24-30, Ontario
- SMITH + FERNANDO 1978b: 50-, FIGS. 199-204, ONTARIO
- REID 1990b: 179
- BRANDL 1973: 85-
- CYCLOPS -, BUNTING 1973: 138, TENNESSEE
- A. -, DUSSART + FERNANDO 1990: 2602
- A. -, REID ET AL. 1991: 145

ACANTHOCYCLOPS CAROLINIANUS (YEATMAN, 1944) (3)

- KING, SIMOVICH, + BRUSCA 1996: 96-116, VERNAL POOLS, NORTHERN CALIFORNIA, USA
- SCANLIN + REID 1996: 104, VERNAL POOLS, NORTHERN CALIFORNIA
- DAHMS + FERNANDO 1997: 141
- LÉSCHER - MOUTOUÉ' 1996: 907-

Acanthocyclops (Acanthocyclops) cephallenus n.sp.

--, Pesce, 1978-79, p. 77-82, figs. 1, ~~GARFCE~~

-- REID ET AL. 1991: 145

-- KIM & CHANG 1991: 305

-- POSPISIL 1994: 69 -

-- DAHMS & FERNANDO 1997: 141

ACANTHOCYCLOPS

Diacyclops chappuisi (Naidenow & Pandourski, 1992)

D.-- Naidenow & Pandourski 1992a: 7, 9-12, Abb. 10-20, .

n. sp. female only, cave Haiduschka, Zemen, central
west Bulgaria

D.- NAIDENOW & PANDOURSKI 1992b: 33 -

D.- PANDOURSKI 1994b: 96 -, FIGS. 3A-1, 6H, I, BULGARIA

ACANTHOCYCLOPS -, N. COMB., PANDOURSKI 1997: 283, 290

Acanthocyclops columbiensis Reid, 1990

--Reid 1990b:174-180, figs. 1-3, n. sp. ♀♂, DC/Maryland

-- REID ET AL. 1991:145 -

-- REID 1992c: 274

-- REID 1996:1, 3

-- PANDOURSKI 1997:291

Acanthocyclops crassicaudis (Sars) and subspecies -

see Diacyclops

Acanthocyclops crassicaudoides (Kiefer) see Diacyclops

ACANTHOCYCLOPS DEMINUTUS —

SEE DIACYCLOPS LANGUIDUS VAR. DEMINUTUS

~~ACANTHOCEPHALUS DE MINUTUS (CHAPMAN, 1925)~~

ACANTHOCYCLOPS DENTICORNIS

--, CHASLENKO, 1977; TAB. 2

Acanthocyclops dussarti and ssp - see Megacyclops

Acanthocyclops ekmani - see Diacyclops

Acanthocyclops elegans Mazepova - see Diacyclops

Acanthocyclops exilis (Coker, 1934)

①

Cyclops -, Coker 1934:279-, figs. 6-7, n. sp. NY, NC

C.-, Pennak 1963:358

C.-, Reid 1987d:694

C.-, Sollberger & Meador 1990:201-, Texas stream

Acanthocyclops -, Reid 1990b:179

C.-, BUNTING 1973:138, TENNESSEE

A.-, REID ET AL. 1991:145-

A.-, WILLIAMSON 1991:810

C.(C.)-, COKER 1938:85, NORTH CAROLINA

Acanthocyclops exilis (Coker, 1934)

card 2

-- Reid 1992c: 274

-- REID + MARTEN 1995: 41, TAB. 1

-- REID 1996: 3, DC, USA

-- DODSON + SILVA-BRIANO 1996: 167, TAB. 3, MEXICO

-- PANIDURSKI 1997: 291

Acanthocyclops (Diacyclops) fontinalis Naidenow - see

Diacyclops

Acanthocyclops (Megacyclops) formosanus Harada - see

Diacyclops

Acanthocyclops freaticus (Chappuis) - see phreaticus

Acanthocyclops galbinus Mazepova 1962

see under *Diacyclops*

ACANTHOCYCLOPS GIGAS + 54 SUBSPECIES - SEE

MEGACYCLOPS

Acanthocyclops gmeineri Pospisil, 1989

-- Pospisil 1989:220-230, Fig. 2, n. sp. ♀♂, Austria

-- POSPISIL 1994:50 -, FIG. 14, AUSTRIA

Acanthocyclops gordani n.sp. Petkovski, 1971

--, Petkovski, 1972, p. 89-93, figs. 25-34

— Kiefer, 1978: 214

-- Pospisil 1989: 226

-- Reid et al. 1991: 145

-- Kim & Chang 1991: 305

-- Pospisil 1994: 69 -

A.(A.) -, Pesce 1978(79): 81

-- Dahms & Fernando 1997: 141

Cyclopidae - Cyclopoida

Acanthocyclops hispanicus Kiefer, ♀.

①

— — Kiefer, 1937, p. 323, figs. 1-3.

— Kiefer, 1978: 214

-- KIEFER 1981b: 279

-- PESCE & LATTINGER 1983: 59, 62

-- STRAYER 1988 (89): 286

Habitat, Northern Spain.

-- REID ET AL. 1991: 143-

A. KIEFERI HISPANICUS, PESCE & GALASSI 1984: 163-

-- NAIDENOV & PANDOURSKI 1992a: 9

Acanthocyclops hispanicus Kiefer, 1937

card 2

-- Pandourski 1992b: 404

-- PANDOURSKI 1993: 166

-- PETKOVSKI 1984: 23-29, FIGS. 1-10, SLOVENIA;

ALSO A. KIEFERRI HISPANICUS

-- PANDOURSKI 1997: 290

Acanthocyclops hypogeus Kiefer - see Diacvlops

Acanthocyclops improcerus Mazepova - see Diacyclops

Acanthocyclops incolotaenia Mazepova - see Diacyclops

[ACANTHOCYCLOPS]

Cyclopidae - Cyclopoida.

Cyclops insectus Forbes, ♀.

①

S.A.

ILLINOIS, USA

-- Forbes, 1882, p. 649: pl. 9, fig. 6, 1

-- Herrick, 1884, p. 152: pl. V, fig. 9.

-- Forbes, 1897, p. 4

a synonym of Cyclops bisetosus.
(Herrick, 1895, p. 99).

a synonym of Cyclops viridis
(Marsh, 1910, p. 1073).

-- KIEFFER 1931: 612, = C. ROBUSTUS

ACANTHOCYCLOPS - DODSON 1994: 113

ACANTHOCYCLOPS INSECTUS (FORBES, S.A.)

(2)

-- DAHMUS + FERNANDO 1997: 130

Acanthocyclops intermedius Mazepova - see Diacyclops

Acanthocyclops (Acanthocyclops) iskrecensis

①

Pandourski, 1992

--- Pandourski 1992b: 401-405, figs. 1-6, n. sp.,

female + male, cave lake, West Stara Planina, Sofia
district, western Bulgaria

--- PANDOURSKI 1994: 5-, FIG. 2, BULGARIA

--- PANDOURSKI 1997: 283, 290, FIGS. 1-3, BULGARIA;

SYN. DIACYCLOPS HAFMUSI, NEW SYNONYM

= ACANTHOCYCLOPS ISKRECENSIS

Diacyclops haemusi Naidenow & Pandourski 1992

(2)

-- Naidenow & Pandourski, 1992b:30-34, Abb. 2,3, n. sp.
female + male, cave "Kazite", Zimewitza, north of
Sofie in Ponor Mountains, West Bulgaria

Acanthocyclops jasnitskii Mazepova 1950

-- Mazepova 1950b: 866-867, fig. 2, n. sp. ♀ only,

 Lake Baikal

-- Lindberg 1955: 1

-- Borutzky 1960: 92, fig. 36(7)

Acanthocyclops jeanneli - see Diacyclops

Acanthocyclops kagaensis Ito

-- -- Ito, 1964, pp. 124-126, Figs. 1a-k, tbl. 7

-- REID ET AL. 1991: 145

-- KAWABATA + DEFAYE 1994: 151

-- DAHMS + FERNANDO 1997: 141

= ACANTHOCYCLOPS

Cyclopidae - Cyclopoidea

Cyclops kieferi Chappuis, ♀

①

— — Chappuis, 1925, p. 159: figs. 1-3.

— — Kiefer, 1926, p. 105.

— — F. Kiefer, 1929, p. 56

--, Pesta, 1928, p. 104-5, fig. 85 (Cyclops)

Habitat. Caves, Germany:

In aqueduct, Cluj, ROMANIA: TYPE LOCALITY

--, Herbst, 1953, p. 149

--, Petkovski, 1971, p. 84

— Chappuis, 1927: 46

ACANTHOCYCLOPS KIEFERI (CHAPPUIS, 1925)

(4)

-- PANDOURSKI 1997: 283, 287, 290

Acanthocyclops kieferi kieferi (Chappuis)

--, Petkovski, 1971, p. 84-89, figs. 15-24

— Damian-Georgescu, 1968: 153-155, fig. 78

-- PESCE + GALASSI 1984: 159-164, FIGS. 1-9,

NEW RECORD - ITALY

-- STR., PETKOVSKI 1984: 24

ACANTHOCYCLOPS KIEFFERI HISPANICUS - SEE

A. HISPANICUS

Acanthocyclops (Acanthocyclops) kieferi (Chappuis, 1925)

--, Pesce, 1978-79, p. 81

Acanthocyclops Kieferi (Chappuis, 1925)

2

- , Kiefer, 1957, p. 59, 60, 62, 66, figs. 31-37
- , Kiefer, 1958, p. 51
- , Petkovski, 1971, p. 84
- MONCHENKO 1972: 85-86
- Kiefer, 1978: 214
- ROUCH 1986C: 361-
- KIEFER 1981b: 279
- PESLE & LATTINGER 1983: 59, 62
- BRANCELJ 1987: 3, 15, CAVE, YUGOSLAVIA
- REID ET AL. 1991: 143-
- KIM & CHANG 1991: 302-

Acanthocyclops kieferi (Chappuis, 1925)

card 3

Cyclops -, Menzel 1926: 211

Cyclops (Acanthocyclops) -, Petkovski 1971: 84

A. -, Glatzel 1989: 16-, nw Germany, groundwater

A. -, PANDOURSKI 1994b: 100

A. -, GLATZEL 1989b: 21-, TAB. 2a, GERMANY

A. -, PETKOVSKI 1984: 23, 24, 29-32, FIGS. 11-17,

MACEDONIA; VARIATIONS.

C. -, KIEFFER 1927: 141, ROMANIA

C. -, KIEFFER 1927: 202, GERMANY

C. -, KIEFFER 1933: 62-64, FIGS. 3-5, TABS. I, II

Acanthocyclops konstantini Mazepova - see Diacyclops

Acanthocyclops languidoides and subspecies -

see Diacyclops

Acanthocyclops languidus - see Diacyclops languidus

and subspecies

Acanthocyclops (Megacyclops) latipes (Lowndes,
1927)

— Pesce & Fabrizi, 1979:62

ACANTHOCYCLOPS LIMNETICA SMITH

-- DODSON 1994: 113-131, REFERS TO SMITH'S UNPUBLISHED
THESIS - A WISCONSIN FORM

Acanthocyclops lobulosus Ekman - see

Diacyclops michaelsoni (Mrazek)

Acanthocyclops longifurcus Shen & Sung - see Diacyclops

ACANTHOCYCLOPS MACE DONICUS - JFF

DIACYCLOPS STYGIUS MACE DONICUS

ACANTHOCYCLOPS MAGNUS (MARS*) -

SEE CYCLOPS MAGNUS

MEGA

Acanthocyclops michaelsoni (Mrazek) - see Diacyclops

ACANTHOCYCLOPS MIRNYI - SEE DIACYCLOPS MIRNYI

Acanthocyclops miurai Ito

1957---pp.8-11, figs. 10-23.

-- --, Ito, 1964, p. 123, tbl. 6

-- REID ET AL. 1991: 147

-- KIM & CHANG 1991: 305

-- KAWABATA & DEFAYE 1994: 151

Acanthocyclops montana Reid & Reed in Reid et al, 1991

-- Reid et al. 1991:133,134,140-148, figs. 25-47, Tab.2,
n. sp. female + male, Montana (FLATHEAD RIVER), USA

-- ISHIDA 1994d: 12

-- WARD ET AL. 1994: 14-, FLATHEAD RIVER, MONTANA

-- REID 1998: 116, TAB. 3

Acanthocyclops morimotoi T. Ito

-- Takashi Ito 1952: 117-118, figs. 8-14, n. sp., wells,
Japan

-- Ito, T., 1954: 391-394, figs. 81-91, wells, Japan

-- REID ET AL. 1991: 146

-- KIM & CHANG 1991: 300, RECORDS OF KIM & PARK (1969)
& KIM & LEE (1975) FROM HAN R., KOREA = CYCLOPS
VICINUS; 305

-- REID 1992c: 274

-- KAWABATA & DEFAVE 1994: 150-151

Acanthocyclops muscicola (Lastotschkin, 1924)

Cyclops muscicolus, Lastotschkin 1924: 4, figs. 1-3,

n. sp., Russia

C. muscicolus^a, Kiefer 1929: 56

Acanthocyclops muscicola, Veldre & Mäemets 1956: 40, 44,

Estonia

A. -, Mäemets & Vaeldre 1956a: 21, Estonia

A. -, REID ET AL. 1991: 146

ACANTHOCYCLOPS NANUS - SEE DIACYCLOPS

Acanthocyclops niceae - see Megacyclops viridis

Acanthocyclops notabilis MAZEPOVA, 1950

-- MAZEPOVA 1950b: 867-868, FIG. 4, N.SP. ♀ ONLY - L. BAIKAL

-- Lindberg, 1955, p. 1.

-- FLÖSSNER 1984b: 149, 151

-- BORUTZKY, 1960: 87, FIG. 35(10)

-- REID ET AL. 1991: 145

-- MAZEPOVA 1978: 13, 52-55, FIG. 11, TAB. 7, REDESCR.

♀ ONLY (♂ UNKNOWN), LAKE BAIKAL

-- MAZEPOVA 1962: 174, LAKE BAIKAL

-- SLADCEK 1953: 179.

-- BOXSHALL, EUSTIGNEVA + CLARK 1993: 106, TAB. 1

ACANTHOCYCLOPS NOTABILIS MAZEPOVA, 1950 (2)

-- SHEN + SUNG 1963: 88

-- BOXSHALL + FUSTIGNERVA 1994: 236, TAB. 1,
LAKE BAIKAL, SIBERIA.

-- PANDOURSKI 1997: 291

Acanthocyclops vernalis orientalis Borutskii 1966

A.v.o. Borutskii 1966: 770, 772, Fig. 2(1-3), n. ssp. ♀♂,
caves, Marine Territory, RUSSIA

A.o., N. COMB., ^PSTKOVSKI 1975: 93-142, FIGS. 10-20,
YUGOSLAVIA

A.C.F.O., PESCE + MAGGI 1979: 169, 180-181, 189-190,
FIG. 5

A.o., PESCE 1980: 563

A.o., REID ET AL. 1991: 145

A.o., DAHMS + FERNANDO 1997: 141

ACANTHOCYCLOPS PARASENSITIVUS REID, 1998

-- REID 1998: 109-117, FIGS. 1, 2, TABS. 1, 3, N. SP.,
MARYLAND + KENTUCKY, USA

ACANTHO-

Cyclopidae - Cyclopoidea
Cyclops parvus Herrick, ♂, ♀, 1

— — Herrick, 1882, p. 229: pl. 6, fig. 12-15.

— — Herrick, 1884, p. 148: pl. R, fig. 22.

— — Marsh, 1893, p. 208: pl. 4, fig. 16: pl. 5, fig. 1.

— — Herrick, 1895, p. 93: pl. 20, figs. 12-15:
pl. 21, fig. 22: pl. 23, fig. 8: pl. 34, fig. 1-8.

-- SCHMIDT 1898: 151.

Habitat, Minnesota: Wisconsin

-- Marsh, 1897, p 15:

--, Comita, 1951: 369

-- KIEFER 1931: 613, PROBABLY = CYCHOPS
(ACANTHO.) VERNALIS

Cyclops parvus

card 2

--, Kiefer, 1976, p. 104

— Willey, 1923: 305-307, fig. 1

-- HERRICK 1887: 14, 18, ALABAMA, USA

Acanthocyclops parvus (HERRICK) 3
--Mastrandueno & Stella, 1974, p. 214.

C. -, KIEFER 1931: 613, PROBABLY = CYCLOPS
(ACANTHO.) VERNALIS

A. -, DODSON 1994: 113

C. -, HAMMER 1993: 112

C. -, WYNGAARD + CHINNAPPA 1982: 510.

A. -, DAHMS + FERNANDO 1997: 130

A. VERNALIS P., CHINNAPPA + VICTOR 1979: 1599-
TAB. 1, ONTARIO, CANADA

Acanthocyclops parvulus Strayer 1988(1989)

-- Strayer 1988(1989):279,284-286, figs.2e,4, n. sp. ♀♂,
New York, USA

--Reid 1990b:179

--Reid 1990d:232

-- STRAYER 1988(89)b: 201, SE NEW YORK

-- REID ET AL. 1991: 145-

-- STRAYER & REID 1997:139

-- PANDOURSKI 1997:291

Acanthocyclops pennaki Reid 1992

-- Reid 1992c: 269-277, figs. 1-4, n. sp. female + male,
South Platte River, Colorado, hyporheic

Acanthocyclops (Acanthocyclops) petkovskii Pesce

& Lattinger, 1983

--- Pesce & Lattinger 1983:59-65, figs. 1-6, n. sp.

♀ only, Yugoslavia

-- REID ET AL. 1991:145

-- PESCE & GALASSI 1984:163-

-- NAIDENOV & PANDOURSKI 1992a:9

-- PANDOURSKI 1992b:404

-- PANDOURSKI 1994b:100

-- PANDOURSKI 1997:290

Cyclopidae - Cyclopoidea

ACANTHO-

Cyclops phreaticus

Chappuis ♀, ♂

C. — F. Kiefer, 1929, p. 56:

C. — Chappuis, 1928, p. 20: text-figs. 1-4, n. sp.

A. FREATICUS, DAMIAN-GEORGESCU 1963: 155-156, FIG. 79

A. PHREATICUS, KIEFER 1978: 214

—, ROSOL & ŠTĚRBA 1983: 68-77, SYNONYMIZED WITH

Habitat Rumania

A. VENUSTUS

A. —, REID ET AL. 1991: 133, 147, NOT SYNONYM OF A. VENUSTUS

A. —, REID 1998: 116, TAB. 3

ACANTHOCYCLOPS PILOSUS KIEFFER, 1934

CYCLOPS (A.) -, KIEFFER 1934: 269, FIGS. 1-2, N.SP.,

CONNECTICUT, USA

Acanthocyclops plattensis Pennak & Ward - see A. vernalis

Acanthocyclops profundus Mazepova, 1950 /

-- Mazepova 1950: 809-812, figs. 1(1-6), n. sp. ♀ only,

Baikal

-- Lindberg 1955: 1

-- Borutzky 1960: 87, fig. 34(7)

-- Flössner 1984b: 151, Lake Baikal

-- MAZEPOVA 1950b: 865-, LAKE BAIKAL

-- REID ET AL. 1991: 145

-- MAZEPOVA 1970: 354, 360, 361

A. P. PROFUNDUS, MAZEPOVA 1978: 13, 46-48, FIG. 9, REDESCR.
2 ♂ LAKE BAIKAL

Acanthocyclops profundus Mazepova, 1950

card 2

-- Mazepova 1962: 174, Lake Baikal

-- SLADCEK 1953: 179.

A.P. PROFUNDUS, BOXSHALL, EUSTIGNEEVA + CLARK
1993: 106, TAB.1

-- BOXSHALL + EUSTIGNEEVA 1994: 236, TAB.1,
LAKE BAIKAL

-- PANDOURSKI 1997: 291

Acanthocyclops profundus tomilovi Mazepova, 1978

--- Mazepova 1978: 5, 13, 49-52, FIG. 10, TAB. 6, N. 55P.,

♀♂, LAKE BAIKAL

-- BOXSHALL, EUSTIGNEEVA & CLARK 1993: 106, TAB. 1

... BOXSHALL & EUSTIGNEEVA 1994: 236, TAB. 1,
LAKE BAIKAL

= ACANTHOCYCLOPS PROPINGUUS
Acanthocyclops reductus propingus Plesa, 1957^①

- Damian-Georgescu, 1963: 158-159, fig. 81-82
- MONCHENKO 1972: 85
- LESCHER-MOUTOUÉ 1966: 674
- ROUCH 1968a: 100
- PANDOURSKI 1991: 50-52
- NAIDENOV & PANDOURSKI 1992a: 9
- LESCHER-MOUTOUÉ 1967: 283
- PLESA 1966: 47-55, FIGS. 1-4, REDESCRIPTION,
MAGURA CAVE, SIHOR MOUNTAINS, ROMANIA
- PANDOURSKI 1993: 166

Acanthocyclops propinquus Plesa, 1957

card 2

A. p., n. comb., Pandourski 1994b: 98-, Fig. 1D-J, 2A-F;

Bulgaria; raised to species level

A. p., PANDOURSKI 1997: 283-285, 290, FIGS. 11, 12,
BULGARIA

Acanthocyclops (Acanthocyclops) radevi Pandourski, 1993

--- Pandourski 1993: 165-167, figs. 1,2, n. sp. female
+ male, caves, Bulgaria

-- PANDOURSKI 1994b: 100

-- PANDOURSKI 1997: 285, 290, FIG. 16, BULGARIA

= ACANTHOCYCLOPS

Cyclopidae — Cyclopoidea

Cyclops reductus Chappuis, ♂ 1

— — F. Kiefer, 1929, p. 57:

— — Chappuis, 1925, p. 161: figs. 4-6.

-- MENZEL 1926: 211

-- CHAPPUIS 1927: 46

-- P

Habitat Rumania, in conduit, Cluj.

Acanthocyclops reductus (Chappuis), 1925

2

--, Petrovski, 1972, p. 22-25, figs. 1-10

-- Damian-Georgescu, 1963: 157-158, fig. 78

-- MONCHENKO 1972: 85-86

-- Kiefer, 1978: 214

-- PESCE & LATTINGER 1983: 59, 62

-- REID ET AL. 1991: 145

-- PANDOURSKI 1991: 50-52, FIG. 1, "GROTTE DE BAY

(S.L.) BORE, BOSNEK, SOFIA, VITOCHA, BULGARIA

Acanthocyclops reductus (Chappuis, 1925)

card 3

-- Naidenow & Pandurski 1992a: 9

-- PANDOURSKI 1992: 93, CAVES, BULGARIA

-- PANDOURSKI 1992b: 401, 404

-- PLESA 1961b: 47-

-- PANDOURSKI 1994b: 98, 100

-- PETKOVSKI 1984: 24

CYCLOPS -, KIEFFER 1927: 141, ROMANIA

-- PANDOURSKI 1997: 290

Acanthoeylops reductus reductus (CHAPPAIS

---, Petkovski, 1972, p. 22

--- PANDOURSKI 1991: 50

A CANTHOCYCLOPS REDUCTUS PROPINQUUS - SEE

A. PROPINQUUS

Acanthocyclops rhenanus Kiefer ♀.

— — Kiefer, 1936, p. 169: figs. 1-5.

--, Kiefer, 1957, p. 71, 77, figs. 10-17

--, Kiefer, 1957, p. 57, 59, 60, 62, 63, 65, figs. 22-30

--, Kiefer, 1958, p. 51

Habitat. Wells near Freiberg

-- ROUCH ET AL. 1968a: 723, KARST-FRANCE

-- POSPISIL 1989: 226

Acanthocyclops (Acanthocyclops) rhenanus

--, Pesce, 1978-79, p. 81

— Kiefer, 1978: 214

-- REID ET AL. 1991: 146-147

-- PETKOVSKI 1984: 24

Acanthocyclops Cyclopidae - Cyclopoida.

Cyclops robustus G.O. Sars, ♀.

— — Sars, 1863, p. 36: 1913, p. 45: pl. 26.

— — Herrick, 1895, p. 93. [pl. 24, figs. 7-12

— brevispinosus Herrick, 1895, p. 95: pl. 23, figs. 1-4: ^

— robustus Sars, 1913, p. 45: pl. 26.

-- --, Herbst, 1954. p. 115

Habitat. Sweden: North America: Norway:

— —, Herbst, 1953. p. 153

— —, Herbst, 1957. pp. 225, 234

- robustus Herrick, 1884, p. 147.
- — Scourfield, 1904, p. 41.
- — = C. vernalis Fischer, Schmeil, 1898, p. 150.
- robustus Tilljeborg, 1901, p. 19: pl. 2, f. 8-10.
- — F. Kiefer, 1929, p. 55:
- — Kiefer, 1924, p. 298: fig. 1.
- — Kiefer, 1931, p. 591: figs. 20-22
- — Kiefer, 1927, p. 416: fig. 38
- — Kiefer, 1928, p. 395:
- — Kiefer, 1933, p. 566: figs. 93-95.
- — Kiefer, 1933, p. 184: figs. 2-3.
- — Chappuis, 1931, p. 348.
- Acanthocyclops —, Lindberg, 1953, p. 21
- Acanthocyclops —, Dussart, in Aguesse + Dussart 1957, p. 492. Camargue.

Cyclops robustus

card 2

--, Kiefer, 1976, p. 104

-- Lindberg, 1941e: 480-481, fig. 8a-d

-- Haberbosch, 1920: 108

-- LAbbé 1929: 615

Cyclops (Acanthocyclops) robustus card 2

---, Herbst, 1953, p. 149

--, Wilson, 1960, p. 164

---, *COMITA*, 1951: 369

--, Cederström 1893: 149. no subgenus indicated

--, CHAMPEAU 1971: 163.

Acanthocyclops robustus (Sars)

See *Cyclops robustus*

- --, 1966, Claus, G., Husson & Nicholas, p. 271;
- --, 1964, B. H. Dussart, p. 123;
- Lindberg, 1952 f: 64-65
- -- Lindberg, 1959, p. 11.
- -- Lindberg, 1958, pp. 39-52.
- -- Lindberg, 1956, p. 114.
- -- Lindberg, 1955, p. 2.
- -- Lindberg, 1955, p. 459. 482 (passim 459-482)
- -- Lindberg, 1955, p. 106.
- —, Herbst, 1968: 67

-- -- Lindberg, 1955,^e p. 243.

-- -- Lindberg, 1953_d p. 21-23

-- -- Lindberg, 1953_b pp. ~~75-81~~ 76-78

-- -- Lindberg, 1952, pp. 193-196.

-- -- Lindberg, 1953, pp. 149-185.

-- -- Lindberg, 1953, pp. 19-39.

-- -- Lindberg, 1954, pp. 193-222.

-- --, Dussart, 1967: 93

--, Kieffer, 1957, p. 71

--, Kieffer, 1960, p. 67

--, Kiefer, 1960, p. 438, fig. 7-9

Acanthocyclops robustus (Sars)

card 2

--, Kiefer, 1960, p. 438, figs. 7-9

--, Kiefer & Muckle, 1959, p. 28

--, Kiefer, 1958, p. 51

--, Kiefer, 1958, p. 148, 146, 147

--, Kiefer, 1959, p. 43-4

--, Brehm, 1954, p. 42

--, Dussart, Graf & Husson, 1966, p. 270-1

--, Aguesse & Dussart, 1957, p. 480

--, Löffler, 1963, p. 214.

--, Mastrantuono, Stella, 1974, pp. 211-221.

--, GALHANO, ET AL., 1978: 13

--, KÜSTERS, ET AL., 1975: 1886

--, CHAMPEAU 1971: 158.

- , LESCHER-MOUTOUÉ, 1976 b: 93
- , MONCHENKO + TAVOLZHANOVA, 1976 a: 564
- , LINDBERG, 1956: 459, 460, 461, 462, 482, 486-87
- , DUSSART 1966: 289.
- Roben, 1974: 117, fig. 5
- Mottom, 1985: 617-620, fig. 1a-d

Acanthocyclops robustus (Sars 1863) card 3

--, Kiefer, 1963, p. 52

--, Kiefer, 1976, p. 95, 96-100, 104-108, figs. 1-53

--, Kiefer, 1963, p. 31, 32

--, Kiefer, 1973, p. 49, 54, 56, 58

--, Miegel, 1960, p. 15 (tbl. 5)

--, Thiery, 1982, p. 169

--, Ringuélet, 1959, p. 317

--, Pesce & Maggi, 1979, p. 168, 173-176-189-190,
fig. 2.

--, Galhano et al. 1982 p. 14.

- Plesa, 1963: 804-805
- Cicchino, 1974: passim, fig 24-28
- Herbst, 1952: 16
- Armengol, 1978: 82-83, fig 72.
- Pesce & Fabrizi, 1979: 62
- DUSSART 1984: 65
- VIJVERBERG + VAN DENSEN 1984: 893
- J. FERRARI ET AL. 1984: 1712-1713.
- GARNIER & LESCHER - MOUTOUÉ 1984: 997-1001, FRANCE.
- RÖBEN 1970: 115-146, GERMANY
- Pont, 1985: 3206-3209
- Pesce, et al, 1982: 57
- Pesce, 1980: 562

ACANTHOCYCLOPS ROBUSTUS (SARS, 1863) CARD 4

-- REID 1985b: 93, FIGS. 165-168; A. VERNALIS FORMA
ROBUSTA OF MONCHENKO (1974) A SYNONYM.

-- KIEFFER 1949: 71

— Kiefer, 1978: 214

C. (A.) VERNALIS ROBUSTUS, REDDELL 1981: 81

-- ROSSARO 1985: 2103-, PO RIVER, ITALY

C. (A.) —, CARLI & CRISAFI 1983: 76, PL. 14 FIG. 2, ITALY

-- RONNEBERGER 1975: 368-, GERMANY

-- FLÖSSNER 1985: 515, GERMANY

— Winkler & Moreno, 1984: 24

Acanthocyclops robustus (Sars, 1863)

card 5

- Reed 1971: 133-140, Tirolean Alps
- REED 1986: 127-133, COLORADO
- PETKOUSKI 1975: 93, FIGS. 21-41, JUGOSLAVIA
- REED 1970: 226 - , ? TYROL
- ROSSARO 1988: 98-103, PO RIVER, ITALY
- C. -, SMIRNOV 1929: 325
- PESCE ET AL. 1987: 179, ITALY
- C. -, KIEFER 1931: 612-, C. INSECTUS FORBES A
POSSIBLE SYNONYM; 614

Acanthocyclops robustus (Sars, 1863)

card 6

-- Balcer et al., 1984: 93

Cyclops (A.)-, OSORIO TAFALL 1943: 52-, CAVE, MEXICO

C. VERNALIS VAR. ROBUSTUS, RYLOU 1932: 270

C. VERNALIS ROBUSTUS, WILLIAMS, D. D. & HYNES 1976: 770

A.-, KIEFFER 1981b: 276, N. ITALY

- Maier, 1989: 100

A.-, BOTHÁR 1988: 1340-, RIVER DANUBE, HUNGARY

C.-, EKMAN 1904: 30-, JOEDEN

A.-, BRANCELJ 1987: 3-, CAVE, YUGOSLAVIA

Acanthocyclops robustus (Sars, 1863)

card 7

Cyclops vernalis v. robustus, Akatova 1937: 170-, Kuril
Lake

A. R., REID 1990b: 179

A. R., HARDING 1955: 241, 242

A. -, REED 1990a: 21, ROCKY MOUNTAIN NATIONAL PARK;
FIGS. 5d-5

A. -, HERZIG 1983: 71-

A. -, BRANDL 1973: 84-, CULTURE

A. -, MAIER 1990a: 490-, GERMANY

Acanthocyclops robustus (Sars, 1863)

card 8

-- Maier 1990b:185-, Germany

-- DEL RIO + VALDIVIA 1989: 73-, Pl. 2 (22-23),
PERU

- (A.) -, FIERIS + VAN DE VELDE 1984: 183-, FIGS. 9c, d,
BELGIUM

-- SPOHR-BACHHIN + BOHRER 1990: 73, LAGOA DOS PATOS,
RIO GRANDE DO SUL, BRAZIL

-- FRYER 1985: 165-180, FIG. 2, ENGLAND

CYCLOPS VERNALIS VAR. ROBUSTUS, RYKOV 1923: 77, MANCHURIA

Acanthocyclops robustus (G.O. Sars, 1863)

card 9

- Mastrantuono 1980:39-45, figs. 1-7, Italy
- DUSSART + FERNANDO 1990: 2601, 2602, FIGS. 43-45,
ONTARIO
- REID 1990g: 179, DISTRIBUTION - CENTRAL AMERICA
- PAGGI + PAGGI 1990: 690-, RIO PARANA' MEDIO, ARGENTINA
- REID ET AL. 1991: 145 -
- GLATZEL 1989: 16-, NW GERMANY, GROUNDWATER
- REID 1992a: 229, 231, FLORIDA EVERGLADES
- RÖBEN 1976: 458, 460, 461, 466, 467, FIG. 3, TENERIFE, CANARIES

Acanthocyclops robustus (G. O. Sars, 1863)

card 10

-- Kiefer 1955d: 117, Turkey

-- KIEFER 1968b: 158, 159-160, FIGS. 1, 2, CAVES, ITALY

MEGACYCLOPS (M.) -, PLEŠA 1971: 843 -, CAVE,

SWITZERLAND

--, DODDSON 1994: 113-171, FIGS. 4A, B, "GROUP 3a, WARM-WATER FORM", + "GROUP 3b, SPINY COLD-WATER FORM", (FIG. 5A-E), WISCONSIN

-- PESCE 1984b: 293 -, ITALY

-- POSPISIL 1994: 56 -

Acanthocyclops robustus (G. O. Sars, 1863)

card 11

-- Ishida 1994b: 125-, Tokyo, Japan

C. (A.) -, HAMMER 1993: 118-, TAB. 2, ALBERTA/SASKATCHEWAN

-- KAWABATA & DEFAYE 1994: 147-, FIGS. 4, 5, LAKE
KAHOKU-GATA, JAPAN

-- EINSLE 1989: 82-, FIGS. 2, 5-7, LAKE KONSTANZ, GERMANY

-- GLATZEL 1989b: 20-, TAB. 2a, GERMANY

-- LEECH & WYNGAARD 1996: 498

-- WYNGAARD & CHINNAPPA 1982: 500

-- PETKOVSKI 1984: 136, KARSTIC SPRING, SLOVENIA

ACANTHOCYCLOPS ROBUSTUS

12

-- FLÖSSNER 1986: 31

-- DAHMS + FERNANDO 1997: 129-139, 140-143

-- KIEFER 1973: 264, 266, FIG. 3, TABS. I, II, GERMANY

-- PESCE + DE LAURENTIS 1996: 296, ITALY

-- S.L., REID 1996: 3, DC, USA

CYCLOPS -, KIEFER 1927: 202, GERMANY

CYCLOPS -, KIEFER 1933: 62, TAB. I, GERMANY

A. -, DEFAYE 1996: 154, AUSTRIA, EX CRAYFISH

A. -, LESCHER-MOUTOUÉ 1996: 907-920, FIG. 1, FRANCE

A. -, LACROIX + LESCHER-MOUTOUÉ 1991: 1531-1534, FRANCE

ACANTHOCYCLOPS ROBUSTUS (SARS)

13

- LACROIX + LESCHER - MOUTOUÉ' 1995: 206-215, FRANCE
- DODSON + SILVA - BRIANO 1996: 167, 168, TAB. 3, MEXICO
- WYNGAARD, REID + MCGINNIS 1997: 4-7, TAB. 1, MD, USA
- SÄRKKÄ ET AL. 1997: 144, TAB. 2, FINLAND
- CYCLOPS -, BREMEN, VAN 1907: 24-25, NETHERLANDS
- DAHMS + FERNANDO 1995: 339
- REID 1998: 114, 116, TABS. 2, 3

Acanthocyclops robustus var. typica

-- Mastrantuono e stella, 1974, p. 214

Acanthocyclops robustus var. aphanes

--Mastrantuono, Stella, 1974, p. 217.

--VAR. APHANES, PETKOVSKI 1975: 107

Acanthocyclops robustus var. armata
-- Mastrantuono & Stella, 1974, p 214.
-- PETKOVSKI 1975: 98, 107
-- MASTRANTUONO 1980: 40-41, ITALY

A. robustus brevispinosus (Herrick)

see: A. brevispinosus.

- Chappuis + Delamare Deboutteville 1957:
369 - Lago Lure

Acanthocyclops robustus var. insueta
-- Mastrantuono & Stella, 1974, p 214.

Acanthocyclops robustus f. limnetica Petkovski, 1975

--- Petkovski 1975: 95, 96, 113-, figs. 42-64, n. f.;

= A. americanus of Borutzky 1966

Acanthocyclops robustus var. saxonica

--Mastrantuono, 1974, p. 215.

--PETKOVSKI 1975: 107

Acanthocyclops robustus var. setiger

-- Mastrantuono & Stella, 1974, p. 214.

-- PETKOVSKI 1975: 107

Acanthocyclops robustus (Sars) f. *vernalis* (Fischer)

- ~~Li~~ — Lindberg, 1952f: 64-65
— — — Lindberg, 1953, p. 21-23. fig. 1-4
-- --, Sterba, O. 1954, pp. 357-358, no Figs.
-- --, 1966, Claus, G., Husson & Nicholas, p. 271;
-- --, 1964, B. H. Dussart, p. 123;
-- -- Einöle, 1967, p. 308
-- -- Linberg, 1957, p. 79.
-- -- Lindberg, 1956, p. 114.
-- -- Lindberg, 1955, p. 106.
— Lindberg, 1955a: 59-62

-- -- Lindberg, 1955, p. 192.

-- -- Lindberg, 1955, p chart

-- -- Lindberg, 1953, p. 23.

-- -- Lindberg, 1953, pp.: ~~75-81~~. 77-78

-- -- Lindberg, 1953, pp. 149-185.

Acanthocyclops rupestris Mazepova 1950

①

-- Mazepova 1950: 811-812, figs. 3(1-5), n. sp. ♀ only,
Baikal

-- Lindberg 1955: 1

-- Borutzky 1960: 87 (Fig. 34-3)

-- Mazepova 1952: 807

-- REID ET AL. 1991: 146-

-- MAZEPOVA 1970: 354, 360, 361

-- MAZEPOVA 1962: 174, LAKE BAIKAL

-- SLADCEK 1953: 179.

Acanthocyclops rupestris Mazepova, 1950

card 2

-- Boxshall, Evstigneeva & Clark 1993: 106, Tab. 1

-- BOXSHALL + EVSTIGNEEVA 1994: 236, 238, 240,
FIG. 3A, F, TAB. 1, LAKE BAIKAL

-- PANDOURSKI 1997: 291

Acanthocyclops rupestris rupestris Mazepova, 1950

--- Flössner 1984b: 151, L. Baikal

--- MAZEPOVA 1978: 12, 39-42, FIG. 6, TABL. 5, REDESCR.
♀♂, LAKE BAIKAL

Acanthocyclops rupestris signifer Mazepova, 1952

A. signifer, Mazepova 1952: 806-807, fig. 3, n. sp.

female only, Lake Baikal

A. s., Lindberg 1955: 1

A. s., Borutzky 1960: 87, fig. 34(6)

A. s., Mazepova 1970: 355

A. rupestris signifer, comb. nov., Mazepova 1978: 12, 41,

42, 43-44, FIG. 7, TABL. 5, REDESCR. ♀♂, LAKE BAIKAL

A. s., Dussart & Defaye 1985:

A. s., REID ET AL. 1991: 146

A. s., MAZKOVA 1962: 174. LAKE BAIKAL

Acanthocyclops rupestris signifer Mazepova, 1952 card 2

A. signifer, Sladeczek 1953: 179.

A. SIGNIFER, BOXSHALL, EUSTIGNEEVA & CLARK 1993:
106, TAB. 1

A. R. S., BOXSHALL & EUSTIGNEEVA 1994: 236, TAB. 1,
LAKE BAIKAL

ACANTHOCYCLOPS SAMBUGARAE KIEFER 1981

-- KIEFER 1981: 275-279, FIG. 1, N. SP. ♀♂, NORTH ITALY

-- STRAYER 1988(89): 286

-- REID ET AL. 1991: 143-

A. KIEFERI SAMBUGARAE, PESCE + GALASSI 1984: 163-

A. S., PETKOVSKI 1984: 28-29

= ACANTHOCYCLOPS

Cyclopidae - Cyclopoida

Cyclops sensitivus Graeter & Chappuis. ♀ ①

— — Graeter & Chappuis, 1914, p. 507: figs. 1-5.

— — Chappuis, 1922, p. 35.

— — Gurney, 1933, p. 215: figs. 1643-1654.

— — F. Kiefer, 1929, p. 58:

--(Acanthocyclops)--, Herbst, 1953, p. 149

Habitat. England.

— Chappuis, 1927: 43, fig 19

Acanthocyclops sensitivus ^{GRAETER} (~~Seinitter~~ & Chappuis)

2

-- -- Lindberg, 1962, pp. 271-274.

-- -- Lindberg, 1950, pp. 7-10, phart.

-- -- Lindberg, 1950, pp. 301-312.

--, Kieffer, 1957, p. 71, 77-81, figs. 18-24

--, Kieffer, 1957, p. 54-63, 65, figs. 16-21

A. (Rhenocyclops) sensitivus, Kieffer, 1958, p. 51

— Kieffer, 1978: 214

-- ROUCH 1968a: 99

-- ROUCH 1988c: 225-, FRANCE

C. (A.) -, HARDING + SMITH 1974: 32-, FIG. 14m, BRITAIN

Acanthocyclops sensitivus (Graeter & Chappuis, 1914) 3

A. (A.). -, Pesce 1978-79:81

Cyclops (A.) -, Kiefer 1935:133-134, 136, figs. 1-5,
upper Rhine

A. -, REID ET AL. 1991:145

A. -, PLEŢA 1961b:50 -

A. (RHENOCYCLOPS) -, POSPIŠIL 1994:48, FIG. 12, AUSTRIA

A. -, PETKOVSKI 1984:31

A. -, PETKOVSKI 1984:155-160, FIGS. 48-57, BANAT,
JUGOSLAVIA (SERBIA).

ACANTHOCYCLOPS JENSITIVUS

(4)

-- DAHMUS + FERNANDO 1997: 141-142

-- KIEFFER 1964: 478, 480-482, FIGS. 10-19, AUSTRIA

CYCLOPS -, KIEFFER 1927: 202, GERMANY

CYCLOPS -, KIEFFER 1933: 61-64, FIGS. 6-8, TABS. I, II

-- REID 1998: 109, 112-114, 116, TAB. 3

Acanthocyclops signifer - see A. rupestris signifer

Acanthocyclops similis Flössner 1984

-- Flössner 1984b: 150-151, Figs. 1-7, n. sp. ♀, Lake Baikal.

-- REID,^{REED} ET AL. 1991: 145

-- BOXSHALL, EUSTIGNEVA & CLARK 1993: 106, TAB. 1

-- BOXSHALL & EUSTIGNEVA 1994: 236, TAB. 1,
LAKE BAIKAL

Acanthocyclops skottsbergi Lindberg - see Diacyclops

MICHAELSEN

ACANTHO- SEE A. VENUSTUS Cyclopidae - Cyclopoida
Cyclops stammeri ^{STAMMERI} Kiefer ♀

C. — Kiefer, 1930, p. 222: figs. 1-4.

A. —, ROSOL & STERBA 1983: 68-77, SYNONYMIZED
WITH ACANTHOCYCLOPS VENUSTUS

A. —, POSPISIL 1994: 58-

C. —, KIEFER 1933: 63, TAB. II, GERMANY

Habitat. St. Canzian;

Acanthocyclops stammeri westphalicus Kiefer 1931

--- Rouch et al. 1968a: 722, France

--- BJORNBERG, M. & POR 1986: 230

--- ROSOL & ŠTĚRBA 1983: 68-77, SYNONYMIZED WITH

ACANTHOCYCLOPS VENUSTUS

-- POSPISIL 1994: 58-

C.--, KIEFFER 1933: 62, 64, FIGS. 1, 2, TAB. I

ACANTHOCYCLOPS STRIMONIS (PANDOURSKI, 1994)

DIACYCLOPS -, PANDOURSKI 1994: 95, 96, 102-, FIGS.

2 G-J, 4 A-E, 5 A-D, N. SA, BULGARIA

A. -, N. COMB., PANDOURSKI 1997: 285-286, 290, FIGS.

14, 15

Acanthocyclops stygius and subspecies - see Diacyclops

Acanthocyclops talievi Mazepova - see Diacyclops

Acanthocyclops tenuispinalis Shen & Sung - see
Diacyclops

Acanthocyclops thomasi (Forbes) - see Diacyclops

Acanthocyclops tokchokensis Kim & Chang 1991

-- Kim & Chang 1991:3-0-306, figs. 1-3, n. sp. female +
male, Tokckok Island, Korea, wells

Acanthocyclops tomilovi Mazepova

-- Flössner 1984b: 151, L. Baikal

Acanthocyclops venustus f. troglophilus (Kiefer)

Cyclops troglophilus, Kiefer 1932: 55-, figs. 14-18,
n. sp., Herzegovina, Jugoslavia

A. v. f. troglophilus, Rosol & Sterba 1983: 68-77, new
rank as forma

-- BRANCELJ 1987: 9, AS SPECIES?

A. TROGLOPHILUS, BRANCELJ 1990: 17

A. T., POSPISIL 1994: 58-

A. U. T., PANDOURSKI 1997: 294

ACANTHOCYCLOPS URUGUAYENSIS - SEE DIACYCLOPS

[ACANTHO-]

Cyclopidae Cyclopoidea

Cyclops venustoides Coker, ♂♀

0

— —, Coker, 1934, p. 273: fig. 5, a-j

— pilosus, Kiefer, 1934, p. 269: figs. 1-2.

— — — Reed, 1962, pp. 27-50.

— —, M Wilson, 1953, p. 169, NEAR ANCHORAGE, ALASKA

— —, Tash, 1971, p. 115, 96, CAPE THOMPSON, ALASKA

Habitat. Connecticut: Chapel Hill, N.C.

— — PILOSUS, DAGGETT & DAVIS, 1974: 301

— —, PENNAK, 1963: 358

— —, REED, 1963: 54

--, REED, 1968: 258

CYCLOPS -, NASCI ET AL. 1987: 596, LOUISIANA; 599

Acanthocyclops venustoides (COKER) (2)

- STRAYER 1988(89): 288-, NEW YORK
-- Leblanc et al, 1981, p. 431
-- SMITH + FERNANDO 1977: 1874, 1880-1881, FIGS.
31-34, ONTARIO
-- REED 1959: 32, RECORDS- ALASKA, CANADA
C.-, DAGGETT + DAVIS 1975: 51-, NEW FOUNDLAND
C.-, LAWLER + WATSON 1958: 211-, MANITOBA
A.-, SMITH + FERNANDO 1978: 41-, FIGS. 151-159, ONTARIO
A.-, REID 1990: 179

Acanthocyclops venustoides (Coker)

card 3

Cyclops -, Bunting 1973:139, Tennessee

A.-, STRAYER 1988 (89) 6: 201-, SE NEW YORK

A.-, TORKE 1976: 6-, WISCONSIN

C.-, TASH + ARMITAGE 1967: 132-, CAPE THOMPSON, ALASKA

A.-, DUSSART + FERNANDO 1990: 2602

A.-, REID ET AL. 1991: 146-148, SYN. A.v. BISPINOSUS

A.-, WILLIAMSON 1991: 810

C.(C.)-, COKER 1938: 85, NORTH CAROLINA

A.-, REID + MARTEN 1995: 41, TAB. 1

Acanthocyclops venustoides (Coker)

card 4

-- Ishida 1994d: 12

-- KIEFER 1934: 91

= A. VENUSTOIDES STR.

Acanthocyclops venustoides bispinosus Yeatman 1951

①

--bispinoides, Smith & Fernando 1977:1874,1881, fig.35,
Ontario

---, Smith & Fernando 1978b:41-, fig. 155, Ontario

---Reid 1990b:179

--- STRAYER 1988(89): 288, COPEPODIDS, NEW YORK

--- BUNTING 1973:139

--- DUSSART & FERNANDO 1990: 2602, ONTARIO

--- REID ET AL. 1991: 147-148, = A. VENUSTOIDES STR.

= A. VENUSTOIDES STR.

ACANTHOCYCLOPS VENUSTOIDES BISPINOSUS YEATMAN (2)

A. VENUSTUS B., ISHIDA 1984: 51, 53, FIG. 25-6,
HOKKAIDO, JAPAN

Acanthocyclops venustoides var. crinitus (E/ Graeter)

- see A. VENUSTUS VAR. CRINITUS

--- Mazepova 1950: 809

ACANTHO-

Cyclopidae - Cyclopoida

Cyclops venustus Norm. + T. Scott, ♀, ♂ ①

C. - F. Kiefer, 1929, p. 57:

C. -, (Acanthocyclops), Herbst, 1953, p. 149

C. -, CHAPPUIS 1927:43 -

Habitat Great Britain, Switzerland, Germany

Acanthocyclops venustus (NORMAN & SCOTT) card 2

--, Boxshall, 1982, p. 127, 128, 159

--, DUSSART, GRAF & HUSSON 1966, pp. 270-271

--, LESCHER-MOUTOUÉ, 1974, p. 339, fig. 7, 8

-- Fryer, 1980: 461. 1

--, BORUTZKY, 1960: 86, FIG. 34(1-2)

--, HUSMANN 1966: 259, 260, 263

— Kiefer, 1978: 214

-- ROSOL & STERBA 1983: 68-77, SYNONYMIZED A.

CRINITUS, STAMMERI, STAMMERI WESTPHALICA & PHREATICUS.
CZECHOSLOVAKIA

Acanthocyclops venustus (NORMAN ET SCOTT)

③

-- -- Lindberg, 1962, pp. 271-274.

-- -- Lindberg, 1950, pp. 7-10, chart.

-- -- Lindberg, 1950, pp. 301-312.

-- --, Dussart, 1967: 102

-- --, Herbst 1968: 67

--, Kieffer, 1957, p. 71, 73-7, figs. 3-9

--, Sterba, 1964, p. 198

--, Kiefer, 1957, p. 54, 55, 57, 59-63, 65, figs. 12-15

--, Kiefer, 1958, p. 51

--, LESCHER-MOUTOUÉ, 1976: 93

-- Lindberg, 1949 d: 118. Fig. 6

--, ~~Dussart, Graf & Husson, 1966, p. 270-1~~

--, HUSMANN, 1964: 184, 186, 187, 188

--, HUSMANN, 1971: FIG. 1.

-- ROUCH 1988 c: 225-, FRANCE

-- REED 1990 b: 179

C. ELBOURN 1966: 227-

-- POSPISIL 1989: 223-, VIENNA, AUSTRIA

C. (A.) -, HARDING + SMITH 1974: 40-, BRITAIN

A. - + 5 spp., REID ET AL. 1991: 146-

A. -, GLATZEL 1989: 16-, NW GERMANY, GROUNDWATER

A. -, MAZEPOVA 1970: 360

Acanthocyclops venustus (Norman & Scott)

card 4

-- KIEFER 1968b: 160--

-- POSPISIL 1994: 50-, FIG. 13, AUSTRIA

A.V.U., PANDOURSKI 1994: 5-, FIGS. 3, 6a, BULGARIA

A.V., GLATZEL 1989b: 21-, TAB. 2b, GERMANY

A.V., PETKOVSKI 1984: 24, MACEDONIA

A.V., PETKOVSKI 1984: 136, SPRING, SLOVENIA

A.V., BOXSHALL & EVSTIGNEEVA 1994: 238

A.V., KIEFER 1964: 477-480, FIGS. 1-9, AUSTRIA

A.V., PETKOVSKI 1984: 24, MACEDONIA

ACANTHOCYCLOPS VENUSTUS (NORMAN + T. SCOTT) 5

-- PETROVSKI + BRANCELTJ 1985: 5, SLOVENIA

CYCLOPS -, KIEFER 1927: 202, GERMANY

-- PANDOURSKI 1997: 281, BULGARIA

ACANTHOCYCLOPS VENUSTUS BISPINOSUS - SEE

A. VENUSTOIDES S.STR.

Acanthocyclops venustus var. crinitus (Graeter, 1908)

Cyclops crinitus, Graeter 1908:45-, figs. 1-8, n. sp.,
Switzerland

Cyclops venustus (part.), Gurner 1933: 210-, figs.
1626-1639

Acanthocyclops venustus var. c., Mazepova 1950: 812;
also A. venustoides var. crinitus, p. 809

A. ven. var. c., Sterba 1956: 387-388, figs. 1-8.

A. ven. var. c., Dussart, Graf & Husson 1966: 271-

A. ven. var. c., Rouch 1968a: 99

Acanthocyclops venustus var. crinitus (Graeter) card 2

--- Rosol & Sterba 1983: 68-77, synonymized with A.
venustus

--- MAZEPOVA 1970: 360.

--- SLADCEK 1953: 179.

--- POSPISIL 1994: 59-

Acanthocyclops venustus italicus Pesce & Maggi,
1979

---, Pesce & Maggi, 1979, p. 176-180, 189-190, fig. 4.

--- PESCE 1980: 563

--- POSPISIL 1994: 59-

Acanthocyclops venustus stammeri (Kiefer, 1930)

Cyclops stammeri, Kiefer 1939:222, figs. 1-4, n. sp.,
St. Canzian

Acanthocyclops -, Rosol & Sterba 1983: 68-77, synonymized
with Acanthocyclops venustus (Norman & Scott)

A. v. s., Brancelj 1987:1,2,3,7-9,15, fig. 2, caves,
Yugoslavia

---, BRANCELJ 1990: 16-17, YUGOSLAVIA
--- PANDOURSKI 1997: 294

Acanthocyclops venustus f. *troglophilus* - see

A. troglophilus

Cyclopidae - Cyclopidae.

Cyclops vernalis Fischer, ♀

- — Fischer, 1853, p. 90: pl. 3, §. 1-5.
— — Richard, 1891, p. 228: ^{pl. 5, fig. 2: pl. 6, fig. 2, 6,}
15, 17, 25 (pl. 7, fig. 26).
— — Herrick, 1895, p. 92; Sars, 1903, p. 218.
— — Schmeil, 1892, p. 88: pl. 2, §. 4-7.

Habitat British Seas; Europe; Central
Asia; New Siberian Islands; Ceylon;
North America;

- — Willjeborg, 1901, p. 17: pl. 2, figs. 5-7.
— — Norman & Brady, 1909, p. 144.
— elongatus Claus, 1863, p. 97: pl. 11, figs. 1-2.
— — Heller, 1870, p. 70.
— — Rehberg, 1880, a, p. 538.
— — Cragin, 1883, p. 2: pl. 1, fig. 1, 19-23.
— — Herrick, 1884, p. 144.
— — Schmeil, 1891, p. 28.
— — Brady, 1891, p. 70: pl. 1, figs. 1-5.
— lucidulus Saro, 1863, p. 245.
— — Rehberg, 1880, a, p. 541.
— — Herrick, 1884, p. 147.
— — Gail, 1926, p. 88, Tatra Mts.

C. vernalis (2).

C. — *lucidulus* Daday, 1885, p. 213,

— — Šoštarić, 1888, p. 66

— — Sars, 1913, p. 44; pl. 25. lucidulus precedes
vernalis.

— — Koch, 1841, heft. 21, pl. 10.

— *elongatus* M. Rathbun, 1905, p. 108.

— *vernalis* T. Scott, 1906, b. p. 347.

— — Meissner, 1904, p. 58; pl. unkn., f. 18-19.

— *bicuspidatus* (pars) Scourfield, 1893, p.

— *vernalis* Scourfield, 1898, p. 324; 1903, p. 534.

— — Meissner, 1905, p. 176.

— — Schmeil, 1898, p. 150.

- — Claus, 1893, p. 347.
— — Matile, 1897, p. 127: pl. 2, f. 13-14.
— — Lilljeborg, 1901, p. 17: pl. 2, f. 5-7.
— — Camera, 1892, p. 11.
— — Gurney, 1933, p. 198: figs. 1598-1615.
— — Pesta, 1924, p. 552.
— — F. Kiefer, 1929, p. 54: fig. 18.
— — Kiefer, 1927, p. 416: fig. 39
— — Kiefer, 1926, p. 501, : figs. 16 - 19.
— — Stenroos, 1898, p. 231:
— — Reed + Olive, 1958. Colorado.
— —, Armitage, 1961. p. 32
— —, Herbst, 1953. pp. 152-153
— — Smith, 1968, pp. 120-139.

C. vernalis (3)

- -- Reed, 1962, pp. 27-50.
- - , Anderson, 1971, p. 314, 316-319
- , Anderson, 1970, p. 1342, 1346, 1352
- - , Anderson, 1970, p. 1229-31, 1237-39.
- Haberbasch, 1920: 108
- -, Anderson, 1972, pp. 264, 266, 267, 268.
- , Davies & Jensen, 1974, p. 18
- , Reddell, 1965, p. 156
- . Roen, 1957, p. 20 , p. 96 subg. Acanthocyclops, p. 84
- , Pesta, 1928, p. 100-1, fig. 81 (Cyclops-Acanthocyclops)
- (A.)-, Sramek-Husek, 1941, p. 35
- Tash, 1971, p. 113, 114, fig. 9.
- Umringer, 1969, p. 202-204.

- , Behning, 1926, p. 46
- , Litynski, 1922, p. 13
- (Acanthocyclops)-, Herbst, 1953, p. 149
- , Armitage & Davis, 1967, p. 207-
- , Bishop, 1968, p. 59
- , Chernoff, 1971, p. 10
- , Elgmork, 1964, p. 33-4, ...
- , Robertson, et al, 1974, p. 1-226.
- , Umminger, 1968, pp. 252-259, fig. 1.
- , Lonsdale & Coull, 1977, p. 239-
- Tash, 1967, p. 134.
- Tash, Swanson, & Siefert, 1966, p. 431.
- , HARRIS, 1978: 28, 32
- , KERFOOT, 1977a: 316-317; 320-323; FIG. 2; TAB. 13
- , KERFOOT, 1977b: 304

CYCLOPS VERNALIS

CARD 4

- Lindberg, 1941e: 480, fig. 7.a-c.

--, KERFOOT, 1978: 1090, 1094-1100

--, ANDREAE, 1955: 285

--, CARTER, 1969: 2549; FIG. 3

--, CARTER, 1971: 223, 224, 227; FIG. 4-8

--, ANDERSON, 1968: 9; TAB. III

--, GOSWAMI & GOSWAMI, 1972: 154

--, BARDACH, 1954: 50

--, DAGGETT & DAVIS, 1974: 301

--, HALL & WATERMAN, 1968: TAB. 1, 2

- , COZON & REST, 1963: 139, 153
- , COMINA, 1951: 368, 369-370, 375, 377; TAB. 1
- , PENNAK, 1963: 357, 359; PL. 1
- , REED, 1963: 54
- , BRIAN 1927: pp. 26-27.
- , COLE 1968: 468.
- , Chapuis, 1927: 43
- J.E. GANNON & STEMBERGER 1978: 21
- Haber bosch, 1920: 65-66
- Zykoff, 1904: 343, 344

Cyclops vernalis

- Leonard & Ponder, 1949, p. 196, pl. V fig. 31, E. KANSAS
- , Kiefer, 1976, p. 104
- , Sutherland, 1982, p. 478
- , Burgis, 1970 p. 745
- Shiozawa, 1978: passim
- de Lepiney, 1962: 220
- de Lepiney, 1962a: 216
- Manfredi, 1925: passim, fig 3, 7
- Reuter-Schiltz & Hoffman, 1970: 242-245
fig. 41-50

- Ruhe, 1914: 61
- Scourfield, 1939: 118
- Smrček, 1973: 191
- RYAN 1984: 413, 414
- SIEGFRIED + KOPACHE 1984: 21, 34, 36
- CHENGALATH ET AL. 1984: 427
- EVANS 1984: 489, 491
- BRICKER ET AL. 1976: 266, 267
- BRICKER, F.J. + GANNON 1976: 39.
- GANNON 1972: 82.
- GANNON 1974: 32-49
- GANNON 1975: 83-89.

Cyclops vernalis Fischer

card 6

-- J.E. Gannon & Stockwell 1978: 42, 67:

- ↘ - WHITTAKER & FAIRBANKS 1958: 49-65, WASHINGTON STATE
- (ACANTHOCYCLOPS) VERNALIS, ROEN 1962: 162, GREENLAND
- BULKOWSKI ET AL 1985: 179-182, PENNSYLVANIA
- SAGE ET AL 1976: 85, 86, TABLE 2, POTOMAC RIVER
- COLE 1955: 220-230, MINNESOTA LAKES
- COLE 1957: 93-100, KENTUCKY LAKE
- ELMORE ET AL 1984: 465, FLORIDA - LAKE BEAUCLAIR
- DORRIS 1958: 96, ILLINOIS

Cyclops vernalis Fischer

card 7

-- Frantz & Cordone 1966: 7, Lake Tahoe

— Kiefer, 1925: 339-343

-- CLAUD 1893e: 292, 305, 306, 337, = C. ELONGATUS CLAUD;
343-344;

-- LABBÉ 1929: 615

— Soto, 1985: 3199-3203 Calif.

— Simmenstad & Cordell, 1985: 2176-2180

-- REED 1964: 692-, CANADIAN LAKES

-- AKATOVA 1949: 353-, KOLYMA RIVER BASIN

Acanthocyclops vernalis (Fischer)

-- -- Anderson, 1967, p. 1044.

-- -- Bouligand, 1964, p. 264.

-- -- Lindberg, 1962, pp. 271-274.

-- -- Lindberg, 1955, p. 488.

-- -- Lindberg, 1950, pp. 7-10, chart.

-- -- Lindberg, 1951, pp. 233-242.

~~-- -- Lindberg, 1950, pp. 301-312.~~

-- Mastrantuono & Stella, 1974, p. 23-221

-----, Petkovski, 1962, pp. 93-94

-- --, Ponyi, 1966, p. 181

-- --, Herbst, 1968: 67

-- -- Lindberg, 1950b: 29

- --, Ponyi, 1967, p. 11
-- --, Ponyi, 1968, pp. 169-182
-- , Proszynska, 1962, p. 29
-- , Sterba, 1962, p. 88, 95-CZECHOSLOVAKIA
-- , Sterba, 1964, p. 198
-- , Anderson, 1974, p. 859
-- , Kiefer, 1958, p. 51
-- , Dussart, Graf & Husson, 1966, p. 270-1
-- , Flossner, 1967, p. 227
-- , BRANDL & FERNANDO, 1975: 472, 475, 476, 480; TAB. 4, 5
-- , ACADEMIA SINICA, 1979: 2, 362, 363-364; FIG. 211; 540.
CYCLOPS v.; C. WEIBULLI; C. ROBUSTUS; ACANTHOCYCLOPS v.

ACANTHOCYCLOPS VERNALIS

CARD 2

--, MONCHENKO & TAVOLZHANOVA, 1976a: 563-573

--, BELK & COLE, 1975: 212

--, DUMONT & DECLAEMER, 1977: 258

--, CHAMPEAU 1971: 159.

--, DUSSART 1966: 289.

--, MONCHENKO 1961: 13-19.

--, Egg, R.W. & Wth M. Lewis, Jr., 1981, p. 1349

--, Olszewski, 1977, p. 32-33

--, Kiefer, 1976, p. 95, 100-104, Fig. 54-99, p. 105-108

Acanthocyclops vernalis (Fischer 1853) card 3

--, Kiefer, 1963, p. 41

--, Kiefer, 1963, p. 31, 33

--, Robertson & Cannon, 1981, p. 386

--, Leblanc^{et al.}, 1981, p. 431

--, Thiery, 1982, p. 169

--, Pesce & Maggi, 1979, p. 168, 176, 189-190.

--, Smith & Fernando, 1978, passim

▶ --, ~~Bobrov~~ Dukina, 1956: 687, fig 9

-- Fryer, 1980: tbl. 1

-- Herbst, 1952: 16

- Marcus, 1976: 214, tbl. 1
- , PATALAS & SALKI, 1984: 616 TAB. 1, 627, 632 FIG. 30
- GANNON ET AL. 1984: 526-7, 529
- DUSSART 1984: 65
- LINDBERG 1950c: 66, 69, 72
- GANNON ET AL. 1982: 1-23, 60, 62
- GANNON 1981a: 23-36.
- GANNON 1981b: 1730
- LINDBERG 1943c: 29.
- HARTIG & JUDE 1984: 527, 528, 530-531.
- Sterba, 1968: 222

Acanthocyclops vernalis (Fischer 1853)

card 4

-- RÜben 1970: 115-146, Germany

-- SMITH + FERNANDO 1980a: 5, 11, 18, Figs. 10C, 8 H-K

-- SMITH + FERNANDO 1980b: 14, Figs. 67-70, CUBA

-- MÄEMETS + VELDRE 1956a: 20, ESTONIA

-- ~~MR.~~ VELDRE + MÄEMETS 1956: 39, 43, Pl. VII Figs. 13-16,
ESTONIA

-- DUSSART 1981c: 162

-- DEFAYE + DUSSART 1979: 78

-- HAVEL 1985: 141-149, WISCONSIN; FIG. 1

- Berthon, 1985: 223-231
- Pesce, et al, 1982: 57
- Pesce, 1980: 562-563
- Damian-Georgescu, 1963: 131-134, fig. 67
- Andreadis, 1985: 5574-5577
- BORUTZKY 1960: 89, FIG. 35(7); 209-210
- REID 1985b: 43-44, FIGS. 169-172
- KIEFER 1949: 71
- Kiefer, 1978: 214
- Monchenko, 1973: 49 Δ change in synonymy
- Sarvala 1986: 126
- Stohr. 1964a: 289. tbl. 1

Acanthocyclops vernalis (Fischer 1853)

card 5

-- Cole & Kubly 1976: 80, Table 27, Elves' Chasm (Colorado River) -CO/A2

-- ROUCH ET AL. 1968a: 722, KARST-FRANCE

-- RAMCHARAN ET AL. 1985: 3218

-- RONNEBERGER 1975: 368-, GERMANY

-- REED 1970: 133-140, TIROLEAN ALPS

-- REED 1986: 127-133; ~~COLORADO~~ 132, C. INSECTUS

A SYNONYM.

.. PETKOVSKI 1975: 93-142, FIGS. 1-9, JUGOSLAVIA

Acanthocyclops vernalis (Fischer 1853)

card 6

- Borutskii 1966: 772, caves, Marine Territory; 770
- REED 1970: 226-, ? TYROL; FIGS. 2-5
- SMITH + FERNANDO 1977: 1875
- REID 1988: 31, ROCK CREEK PARK, MARYLAND
- REED 1959: 31-32, RECORDS - ALASKA, CANADA
- C.-, HARRIS, M.J. 1973: 13-, PL. 7 FIGS. 42-44,
MISSISSIPPI
- , COLE 1988: 35, ARIZONA - SIBLING SPECIES?
- C.-, SMIRNOV 1929: 325

Acanthocyclops vernalis (Fischer 1853)

card 7

C. -, Shiozawa 1986: 1657-, Minnesota

C. -, KIEFFER 1931: 613, C. PARCUS PROBABLY SYN;
616, 617, N. AMERICA

A. -, BALGER ET AL. 1984: 93-, Pl. 33, GREAT LAKES;
GIVE SYNONYMY

C. -, DAGGETT + DAVIS 1974b: 677-, NEWFOUNDLAND

C. -, DAGGETT + DAVIS 1975: 51-, "

A. V. S. LAT., WATSON 1986: 511, 512

A. V. S. L., CHINNAPPA 1986: 530-532, FIG. 4

Acanthocyclops vernalis (Fischer 1853)

card 8

C. elongatus, Forró 1986: 559; A.V., 560

A.V., REID 1988d: 314, WASHINGTON, D.C.

--, GREEN 1986: 140-, ARIZONA

C.-, REED & ARONSON 1989: 73

C.(A.)-, OSORIO TAFALL 1944: 4. PATZCUARO, MEXICO

C.(A.)-, RYLOV 1932: 261, E. SIBERIA

A.V., WILLIAMS, D.D. 1983: 248-, ONTARIO

C.V., WILLIAMS, D.D. & HYNES 1976: 766-, ONTARIO

A.V., ANDREADIS 1988a: 73-77, CONNECTICUT, SALT MARSH

ACANTHOCYCLOPS VERNAYSI (FISCHER 1853) CARD 9

-- ANDREADIS 1988b: 90-101, SALT MARSH, CONNECTICUT

-- ANDREADIS 1989: 81-85, SALT MARSH, CONNECTICUT

-- KIEFER 1981b: 276, N. ITALY

C.-, M. F. PEREIRA 1988: 2-, COCHRAN LAKE, MICHIGAN

C.-, LAWLER + WATSON 1958: 210-, MANITOBA

-- FINSLE 1975: 95-

-- REID 1989c: 616

C.-, SARS 1903: 234-, RECORDS- CENTRAL ASIA

C.-, SCHAUPS 1908: 167-, GERMANY

Acanthocyclops vernalis (Fischer 1853)

card 10

C -, Ekman 1904: 30-, Sweden

C -, MALLEY ET AL. 1988: 4-, ONTARIO

C -, MALLEY ET AL. 1989: 3-, ONTARIO, MANITOBA

C -, PIROCCHI 1949b: 321-, ITALY

A -, TONOLLI 1949e: 48-, ITALY

A -, TONOLLI & TONOLLI 1951: 53-136, ITALIAN ALPS

A -, BRANCELT 1987: 3-, CAVES, YUGOSLAVIA

C -, PESTA 1911: ^{119, 121-122} GERMAN ALPS

C -, VAN DOUWFF 1909b: 28-29, FIGS. 94-96, GERMANY

Acanthocyclops vernalis (Fischer 1853)

card 11

Cyclops -, Ho & Perkins 1985: 593

- C. -, RUGGLES (YEAR?): 16-, OWIKENO LAKE, BRITISH COLUMBIA
C. -, AKATOVA 1937: TABLE 1 -, KURIL LAKE
C. -, DERJUGIN 1928b: 529-, KILDIN IS., BARENTS SEA
A. -, LÖFFLER 1959c: 340-, AUSTRIA
A. -, LÖFFLER 1961c: 393
A. -, SMITH & FERNANDO 1978b: 4, 18, 51, 52, FIGS.
3, 7, 205-217, ONTARIO
A. -, SOLLBERGER & MEADOR 1990: 201-, TEXAS STREAM

Acanthocyclops vernalis (Fischer 1853)

card 12

Cyclops -, Peck & Christiansen 1990:75, cave, Iowa

-- REID 1990b: 179

-- HARDING 1955: 220, 241-242, BOLIVIA

-- ZUÑIGA 1988: 7-, CHILE-NORTHERN PATAGONIA

C. -, MONTÚ 1989: 43-, FIG. 6, FEEDING

A. -, REED 1990a: 21-, ROCKY MOUNTAIN NATIONAL PARK,
FIGS. 5a-c

A. -, HERZIG 1983: 71-

A. -, LEMLY + DIMMICK 1982a: 302-, NORTH CAROLINA

Acanthocyclops vernalis (Fischer 1853)

card 13

- Andreadis 1989b:618-619, feeding, Connecticut
- BRANDL 1973: 84-, CULTURE
- MAIER 1990a: 491-
- MAIER 1990b: 200
- DEL RÍO + VALDIVIA 1989: 73-, PL. 2 (24-25),
PERU
- CYCLOPS -
-- DURRILL + ZWERNER 1972: 140, CHESAPEAKE BAY
- CYCLOPS -, BUNTING 1973: 138, 139, TENNESSEE; SYNS.
C. VIRIDIS + C. VIRIDIS AMERICANUS OF VARIOUS AUTHORS

Acanthocyclops vernalis (Fischer 1853)

card 14

-- Collado et al. 1984:115, Cuba

CYCLOPS -, MALLEY ET AL. 1988: 2240-, ONTARIO

A. (A.) -, FIERIS + VAN DE VELDE 1984: 183-, FIGS. 9a, b, BELGIUM

-- PARCHUK 1990: 33-, DANUBE RIVER

C. -, KOCHSIEK ET AL. 1971: 1123-, OKLAHOMA

A. -, TAYLOR + MAHONEY 1990: 597-, RAINBOW BAY, S.C.

C. -, COX & HENDRICKSON 1991: 39; A. (A.) v., 40-41, CALIFORNIA

A. -, HEMSEN 1952: 587, 623, IRAN

A. -, HAURY 1981: 7-, COLORADO RIVER, ARIZONA

A. -, FRYER 1985: 165-180, FIG. 1, ENGLAND

Acanthocyclops vernalis (Fischer 1853)

card 15

Cyclops -, Rylov 1923:77, Manchuria

A. cf. -, STRAYER 1988(89)6: 201-, SE NEW YORK

C. -, ELBOURN 1966: 227 -

A. -, DAMIAN-GEORGESCU 1962: 58-, ROMANIA

A. -, TORKE 1976: 6-, FIG. 2j, WISCONSIN

C. (A.) -, HARDING & SMITH 1974: 32-, FIG. 14a, 15b,
BRITAIN (S. STR.)

A. -, MASTRANTUONO 1980: 39-

A. -, ORSI & MECUM 1986: 330-, SACRAMENTO DELTA, CALIFORNIA

Acanthocyclops vernalis (Fischer 1853)

card 15

Cyclops -, Tash 1971:95-, Cape Thompson, Alaska

C. -, TASH + ARMITAGE 1967:132-, CAPE THOMPSON, ALASKA

A. -, DUSSART + FERNANDO 1990:2602, FIGS. 40-42,
ONTARIO

-- REID 1990g: 179, DISTRIBUTION

C. -, JAMIESON + BURNS 1988: 253 -

-- KRIEGER + KLAREER 1991: 260-, LAKE ERIE MARSH

C. -, NAESS 1991: 31

C. -, DAWES ET AL. 1991: 190, FLORIDA

Acanthocyclops vernalis (Fischer 1853)

card 17

-- Shiozawa 1991:289--, Minnesota

-- REID ET AL. 1991:133-, MONTANA (FLATHEAD)

-- WILLIAMSON 1991:794-, FIG. 21.7A

-- ANDREADIS 1991:458-450, GUILFORD, CONNECTICUT,
SALT MARSH; MICROSPORIDAN HOST.

-- ~~232~~ MARTEN 1989:232-236, NEW ORLEANS, LA.

CYCLOPS -, MCKEE + COKER 1940:180-, NORTH CAROLINA

CYCLOPS -, INCLUDING FORMS AMERICANUS (ROBUSTUS), PARCUS,

BREVISPINOSUS, COKER 1938:85, NORTH CAROLINA

Acanthocyclops vernalis (Fischer 1853)

card 18

-- Maier 1991:52

-- REID 1992a: 251

-- MONCHENKO 1980: 16

-- ALEKSEEV 1992a: 20-

-- - GROUP, DODSON 1992: 849

CYCLOPS V., HOLSINGER + CULVER 1988: 23, HUGH YOUNG
CAVE, TAZEWELL Co., VIRGINIA, USA

A. -, ADRIAN 1991: 2852 -

A. -, FERRARI, I. ET AL. 1991: 2823, ITALY

Acanthocyclops vernalis (Fischer 1853)

card 19

-- Alekseev 1990b: 19-, diapause

A. (A.) -, PANDOURSKI 1992: 93, CAVES, BULGARIA

A. -, CORDELL ET AL. 1992: 262-, COLUMBIA RIVER, USA

CYCLOPS ELONGATUS, WRZEŚNIEWSKI 1886?: 663.

A. -, BOONSOM 1984: 227-, THAILAND

C. -, SARS 1898: 350, SIBERIA

A. -, REID 1991d: 262-

A. -, ISHIDA & KOBAYASHI 1993: 110, 111, FIGS. 1-5,

KAMCHATKA

Acanthocyclops vernalis (Fischer, 1853)

card 20

-- Ishida 1993a: 166-167, Hokkaido

CYCLOPS -, CZAICA 1978: 19-, LAKE ERIE

CYCLOPS -, CZAICA 1978b: 3-, LAKE ONTARIO

CYCLOPS -, CZAICA 1982: 441-, FIGS. -, DEVELOPMENT;

MICHIGAN; LAKE ERIE

A. -, SHEN & SUNG 1965c: 388-, NW CHINA

A. -, DODSON 1994: 113-131, FIGS. 4C-G, "GROUP 2 FORM";

WISCONSIN

CYCLOPS -, REED 1958a: 152, ARCTIC ALASKA

Acanthocyclops vernalis (Fischer, 1853)

card 21

-- Marcus & Ionescu 1974: 124-, Romania

CYCLOPS -, DEXTER, D. 1993: 208 -

A.v. s. lat., PANDOURSKI 1993: 166

-- STRAYKER 1985: 358-, MIRROR LAKE, NH, USA

C. -, MITCHELL, C.J. 1976: 502

-- KAWABATA & DEFAYE 1994: 150.

-- MARTEN, CHE & BORDES 1993: 150; LOUISIANA, USA

C. -, CZAIKA 1974: 8-, TAB. 1, LAKE ONTARIO

-- REID & MARTEN 1995: 41, TAB. 1, LA/MI, USA

Acanthocyclops vernalis (Fischer, 1853)

card 22

A. v. v., Pandourski 1994: 5-, Bulgaria

-- ISHIDA 1994d: 11, JAPAN

A.v.v., PANDOURSKI 1994b: 96, BULGARIA

-- WARD ET AL. 1994: 14-, MONTANA, USA

-- SCANLIN + REID 1996: 104, VERNAL POOLS, NORTHERN CALIFORNIA

-- WYNGAARD, McLAREN, WHITE + SÉVIGNY 1995: 98, 102

-- LEECH + WYNGAARD 1996: 496-499

-- WYNGAARD, TAYLOR + MAHONEY 1991: 222-230, TEMP. POND, SOUTH CAROLINA, USA

ACANTHOCYCLOPS VERNALIS (FISCHER, 1853) 23

-- WYNGAARD & CHINNAPPA 1982: 490 -

-- ANDREADIS 1990: 174-181, FIG. 1, SALT MARSH,
CONNECTICUT, USA; INTERMEDIATE HOST, MICROSPORIDIAN

-- ANDERSON, R. 1974: 859, TAB. 1, WESTERN CANADIAN
ROCKIES

-- BAYLY & MORTON 1978: 2538, TAB. 1, AUSTRALIA

-- KING, SIMOVICH, & BRUSCA 1996: 96-116, VERNAL
POOLS, NORTHERN CALIFORNIA, USA

CYCLOPS -, MALLEY & CHANG 1995: 276-285, ONTARIO,
CANADA.

ACANTHOCYCLOPS VERNALIS (FISCHER)

(24)

-- FLÖSSNER 1986: 6, 31-32, TAB. 3, MONGOLIA

-- FERRARI, I. ET AL. 1991: 2823, TAB. 1, ITALY

-- DAHMS + FERNANDO 1997: 129-130, 140-143

CYCLOPS -, BINFORD 1978: 2527-2528, TABS. 4, 5,
LOUISIANA, USA

CYCLOPS -, PROPHET ET AL. 1959: 185, 189-190,
KANSAS, USA

A. -, REID 1996: 3, DC, USA - AS "S.L."

A. -, PETKOVSKI + BRANCELTJ 1985: 5, SLOVENIA

ACANTHOCYCLOPS VERNALIS (FISCHER)

(25)

- BORUTSKY 1966: 770, 772, PRIMORSKY KRAI, RUSSIA
- ISHIDA 1989: 1, HONSHU, JAPAN
- ISHIDA + KOBAYASHI 1992: 205-208, TAB. 1,
SAKHALIN PENINSULA, RUSSIA
- BRANCELJ 1994: 98, TAB. 3, SLOVENIA
- ISHIDA 1995: 299, 300, TAB. 1, HOKKAIDO, JAPAN
- CYCLOPS -, KIEFFER 1927: 72-73, FIG. 15
- C. -, KIEFFER 1927: 202, GERMANY
- C. -, KIEFFER 1933: 62

ACANTHOCYCLOPS VERNALIS (FISCHER)

CYCLOPS -, BINFORD 1978: 2527-2528, TABS. 4, 5,
LOUISIANA, USA.

A. -, LESCHER - MOUTOUÉ 1996: 907 -

A. -, SÄRKKÄ ET AL. 1997: 144, TAB. 2, FINLAND

A. -, CARTER ET AL. 1980: 1368, 1381, FIG. 18, TABS. 1, 2,

NE USA, SE CANADA

A. -, VEKHOV 1997: 25-27, TABS. 1, 2, E. BARENTS SEA IS.

CYCLOPS -, BREEMEN, VAN 1907: 23-24, PL. I FIGS. 11, 12,

NETHERLANDS

ACANTHOCYCLOPS VERNALIS (FISCHER)

(27)

- CHINNAPPA + VICTOR 1979: 227
- CHINNAPPA + VICTOR 1979: 1599-, TAB. 1, ONTARIO
- MIRABDULLAYEV + KUZMETOV 1997: 13
- REID 1998: 104, TAB. 2
- BRETSCHKO 1998: 1139, TAB. 2, AUSTRIA

Acanthocyclops ^{= A. VERNALIS} plattensis Pennak & Ward

— Pennak & Ward, 1985: 216-219, fig. 1

--Reid 1990b:180, assigned to Diacyclops

A.-, REID 1990d: 230

A.-, REID ET AL. 1991: 144-145

A.-, WILLIAMSON 1991: 810

A.-, REID 1992c: 269-277, JR. SYNONYM OF A. VERNALIS

Acanthocyclops vernalis var. aculeata

--Mastrantuono & Stella, 1974, p. 214.

--PETROUSKY 1975: 98

Acanthocyclops remalis var. ambigua
--Mastrantuono & Stella, 1974, p. 614.

Acanthocyclops vernalis brevispinosus (HERRICK, 1895)

--- Watson & Lawler 1965: 1337-1343 (as Cyclops (A.)v.b.)

Acanthocyclops vernalis var. infesta
-- Mastrantuono & Stella, 1974, p. 214.

Acanthocyclops vernalis michaelsoni - see

Diacyclops michaelsoni

ACANTHOCYCLOPS VERNALIS ORIENTALIS - SEE

A. ORIENTALIS

~~ACANTHOCYCLOPS ORIENTALIS - SEE~~

Acanthocyclops vernalis f. *robusta*

(Sars)

CARD 1

- Lindberg, 1951a: 234—
- -- Lindberg, 1962, p. 35.
- -- Lindberg, 1962, p. 266.
- -- Lindberg, 1950, p. 25.
- -- Lindberg, 1950, pp. 7-10, chart.
- -- Lindberg, 1950 ~~pp. 301-312~~ # 305-306
- --, Ponyi, 1961, p. 839, f. 2&3
- --, Ponyi, 1966, p. 182
- --, Ponyi, 1967, p. 11
- , Flossner, 1967, p. 227
- , MONCHENKO & TAVOLZHANOVA, 1976: 572
- , MONCHENKO 1961: 13-19.

Acanthocyclops vernalis f. robusta (Sars)

card 2

---Lindberg 1950i: 64-69, 72

- VAR. ROBUSTUS, MÄEMETS + VELDRE 1956a: 20, ESTONIA
- VAR. ROBUSTUS, VELDRE + MÄEMETS 1956: 43-44,
PL. VII FIG. 17, ESTONIA
- Damian - Georgescu, 1963: 134-135, fig. 68
- REID 1985b: 43, A. v. r. OF MONCHENKO (1974) A
SYNONYM OF A. ROBUSTUS (G. O. SARS)

C.

Acanthocyclops (Acanthocyclops) vernalis setiger Petkov.

--, Lescher-Moutoué, 1974, p. 339, fig. 5,6

--- PETKOVSKI 1975:103

Acanthocyclops vernalis skottsbergi - see

Diacyclops skottsbergi

Acanthocyclops vernalis var. tetracantho
-- Mastrototone & Stella, 1974, p. 214.

Acanthocyclops vernalis var. typica

-- Mastrantuono & Stella, 1974, p.
214.

--, MONCHENKO 1961: 13-19.

Acanthocyclops versutus Mazepova, - see Diacyclops

Acanthocyclops viridis (Jurine) - see Megacyclops

Acanthocyclops sp.

--, Kiefer, 1957, p. 55

--, Bertrand, 1971

--, Sterba, 1961, p. 821

-- DAMIAN & BOTOSANEANU 1954: 1158, ROMANIA

-- BENZIE 1984: 693, AUSTRALIA

-- HEMSEN 1952: 587, 623 - 624, FIG. 42, 43, IRAN

-- PANDOURSKI 1992: 95, CAVES, BULGARIA

Acanthocyclops sp.

- -- Lindberg, 1958, pp. 39-52.
- -- Lindberg, 1955, p. 459.
- , Kiefer, 1976, p. 112
- , Pesce & Maggi, 1979, p. 169, 182.
- , BORUTZKY 1960: 212
- WILLIAMS, D. D. 1983: 248, ONTARIO
- PANDOURSKI 1994: 5, BULGARIA
- ISHIDA + KOBAYASHI 1992: 207, TAB. 1, SAKHALIN PEN.
- REID 1996: 3, DC, USA
- PANDOURSKI 1997: 286-297, BULGARIA; POSSIBLY = A.
KIEFER!

ACANTHOCYCLOPS sp. DODSON, 1994

-- DODSON 1994: 113-131, "POSSIBLE UNNAMED SPECIES,"
WISCONSIN