

DIACYCLOPS KIEFFER, 1927

①

- SUBGEN. NOV. KIEFFER 1927: 306-307.
- YEATMAN 1983: 71.
- REID 1985b: 43
- MONCHENKO 1986: 338-339
- MONCHENKO 1985: 24, 2 SPECIES-GROUPS
- REID 1988a: 36-37, KEY TO N. A. SPP.
- REID 1988b: 194
- , FERRARI 1991: 117-, DEVELOPMENT
- WILLIAMSON 1991: 808-

DIACYCLOPS

(2)

- MAZEPOVA 1978: 6, DOES NOT RECOGNIZE
- REID 1993b: 185-189
- BOXSHALL, EUSTIGNEVA & CLARK 1993: 106 -

Diacyclops languidoides-group

-- Monchenko 1980: 12-19, new sp. and new records of members of group, Ukraine; *LISTS MEMBERS*

-- *PESCE 1984b: 297, ADDS D. LINDAE N.SP.*

Diacyclops nearcticus-group Reid, 1992

-- Reid 1992b: 1445-1464, revision

Diacyclops stygius-group

--- Pandourski 1994b: 105-, add D. strimonis n.sp.

= DIACYCLOPS

Cyclopidae - Cyclopoida.

Cyclops abyssicola Lilljeborg, ♀. ①

— — Lilljeborg, 1901, p. 66: pl. 4, figs. 16-19.

— — Sars, 1913, p. 53: pl. 32.

— — F. Kiefer, 1929, p. 64:

— — F. Kiefer, 1926, p. 554: fig. 6.

Habitat, Sweden: Norway

Diacyclops abyssicola (Lillj.) 2

Cyclops -, BREHMEN, VAN 1907: 43

D. Kiefer, 1978: 214

D. Sarvala, 1986: 105-111, 126

Acanthocyclops -, MÄEMETS + VELDRE 1956a: 21

A. -, VELDRE + MÄEMETS 1956: 41, 54-55, Pl. VIII

FIGS. 20-23, ESTONIA

A. -, BORUTZKY 1960: 91, FIG. 36 (3-4)

D. -, REID 1993: 42

Diacyclops alabamensis Reid, 1992

-- Reid 1992b: 1445, 1461-1464, Figs. 59-73, n. sp.  
female + male, Alabama

-- REID 1992d: 137-



Diacyclops albus Reid, 1992

-- Reid, 1991(1992):2893-2897, figs. 1-20, n. sp. female  
+ male, Goose Creek, Virginia

-- Palmer, 1992: 334, Goose Creek, Virginia

-- REID 1992 b: 1445

-- BOXSHALL, FUSTIGNEEVA & CLARK 1993: 106-107

Diacyclops alticola (Kiefer, 1935)

①

Cyclops (Diacyclops) -, Kiefer 1935: 120-121, figs.

19, 20, n. sp. female + male, Tsar Tso and Lung-jun  
Tibet

~~Acanthocyclops~~ Diacyclops -, Kiefer 1939: 159-161,

Fig. 21, INDIA

Cyclops (D.) -, Lindberg 1941e: 483-484

Acanthocyclops (D.) -, Academia Sinica 1979:362, 371-  
372, fig. 218

Diacyclops -, Dussart & Defaye 1985: 94

D. -, SHEN & SUNG 1965d: 306

DIACYCLOPS ALTICOLA (KIEFFER, 1935)

(2)

CYCLOPS -, SHEN + SUNG 1963: 86, 96, TIBET

D. -, KIEFFER 1968: 136-137

D. -, PESCE + DE LAURENTIIS 1996: 529-530.

Diacyclops antrincola Kiefer, 1968

CARD 1

-- KIEFER 1968: 133-138, FIGS. A, 1-6, CAVE, ITALY.

--, Petkovski, 1971, p. 93-95, figs. 35-37

--, Pesce & Maggi, 1979, p. 169, 183-184, 189-190.

— Pesce & Fabrizi, 1979: 67-69, fig. 2-3

— Pesce, 1980: 564-565

— Kiefer, 1978: 214

-- PESCE + GALASSI 1987: 107, ITALY; 109

-- PESCE 1985c: 71, ITALY

-- PESCE ET AL. 1987: 178, 181, 182, ITALY

DIACYCLOPS ANTRINCOLA KIEFER

CARD 2

- KIEFER 1981b: 281-282, FIG 3-1
- PESCE + GALASSI 1987c: 118, CENTRAL ITALY
- PESCE 1985d: 608, WALL, LESBOS, GREECE
- PESCE + GALASSI 1987d: 207-
- PESCE 1986: 30, GREECE
- PESCE + DE LAURENTIIS 1996: 529

Diacyclops arenosus (Mazepova 1950) /

Acanthocyclops -, Mazepova 1950: 810-811, figs. 1(1-5),

n. sp. ♀ only, Baikal

A. -, Lindberg 1955: 1

A. -, Borutzky 1960: 92, fig. 36(6)

D. -, Flössner 1984b: 155

D. -, Monchenko 1986: 338

A. -, MAZEPOVA 1950b: 865-, LAKE BAIKAL

D. -, MONCHENKO 1980: 13

A. -, MAZEPOVA 1978: 13, 57-58, FIG. 13, REDESCR. ♀ ONLY  
(♂ UNKNOWN), LAKE BAIKAL

Diacyclops arenosus (Mazepova, 1950)

card 2

Acanthocyclops -, Mazepova 1962: 174

D. a., MONCHENKO 1982: 189.

A. a., SLADCEK 1953: 179.

D. a., BOXSHALL, EUSTIGNEEVA & CLARK 1993: 106, TAB. 1

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

.....?  
Diacyclops badeniae

--, Kiefer, 1958, p. 52

-- RESCE + MAGGI 1983a: 273 (= DIACYCLOPS  
LANGUIDOIDES HYPNICOLA)



DIACYCLOPS BALEARICUS Lescher-Moutoue, 1978

--, Lescher-Moutoue, 1978-79 92--96, figs. 16-28 (new sp.)

--, GOURBAULT + LESCHER-MOUTOUÉ, 1979: 47, 50;

FIGS. 2, 3; TAB. 1

-- MONCHENKO 1985: 22-24

-- PESCE + GALASSI 1987: 112

-- REID 1992b: 1464

D. LANGUIDOIDES B., PETROVSKI 1984: 34

Diacyclops bernardi (Petkovski, 1986)

①

Mesocyclops -, Petkovski 1986:47,48,66-72, Abb.23-33,

n. sp. female + male, cave, San Luis, San Andres Island,

Colombia

M. -, Petkovski 1988: 40, 52, Colombia (San Andres Is.)

M. -, Sket 1988: 79-, Colombia (San Andres Is.)

M. -, Reid 1990g: 180

Diacyclops -, n. comb., Reid 1993b: 173, 183-189, Figs.

6-8, LOUISIANA (USA), MEXICO (YUCATAN)

D. -, REID + MARTEN 1995: 39-, LOUISIANA, USA

DIACYCLOPS BERNARDI (PETKOVSKI, 1986)

②

-- FIERS ET AL. 1996: 81, 96

Diacyclops biceri Boxshall, Evstigneeva & Clark, 1993

-- Boxshall et al. 1993: 99-107, figs. 1-4, n. sp. female  
+ male, Lake Baikal, Siberia

-- BOXSHALL + EVSTIGNEEVA 1994: 236-240, FIGS.  
1E, 2D, E, 3C, LAKE BAIKAL

Cyclopidae - Cyclopoida

Cyclops bicuspidatus Claus ♀.

- — Claus, 1857<sup>2</sup>, p. 209: pl. 11, f. 6-7.  
— — Cockerell, 1912, p. 47. [pl. 26, f. 12, 14  
— — Gruber, 1879, p. 417: pl. 25, figs. 8, 11: ^  
— — Byrnes, 1909, p. 25: pl. 10, f. 4-7.

A synonym of Cyclops pulchellus.  
(Sars, 1913, p. 47).

- — Marsh, 1910, p. 1078: pl. 73, f. 1-11: pl. 79, f. 11.  
— — Chappuis, 1927: 43

(over)

- — Marsh, 1918, p. 776: text-figs. 1218, 1220.  
— — Fowler, 1912, p. 484; Sars, 1903, p. 218.  
— — Byrnes, 1909, p. 25: pl. 10.  
— — Marsh, 1909, p. 1078: pl. 73.  
— — thomasi Fellows, 1885, p. 175 (per Fowler, 1912, p. 484)  
not pulchellus Byrnes, 1909, p. 24: pl. 10 (" " " " ),  
— — bicuspidatus Heller, 1871, p. 71.  
— — Honigsmann, 1910, p. 23.  
— — Kofoid, 1900, p. 118.  
— — Meissner, 1904, p. 58: pl. unkn. f. 20-22.  
— — Schmeil, 1892, p. 75: pl. 2, f. 1-3.  
— — Pearse, 1905, p. 150  
— — J.E. Moore, 1952, p. 422, S. Saskatchewan.

C. bicuspidatus C.

C- bicuspidatus Scourfield, 1895, p. 197

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

— thomasi, Brady, 1891, p. 80: pl. 6, f. 1-4 [Scourfield  
1898, p. 324]

— bicuspidatus Forbes, 1897, p. 44: pl. 12, f. 1-4

— forbesi, Herrick & Turner, 1895, p. 104.

— bicuspidatus Turner, 1910, p. 157.

— — Claus, 1863, p. 246; 1893, p. 347

— — Fric, 1872, p. 221: text-fig. 6.

— — Hoek, 1878, p. 17: pl. 1, f. 7-11.

— — Schmeil, 1891, p. 27; 1898, p. 149

— — Richard, 1891, p. 229: pl. 6, f. 6.

- not — Birge & Juday, 1908, p. 1.  
not — pulchellus, Sars, 1863, p. 37  
not — Rehberg, 1880, p. 543.  
— — Lunde, 1890, p. 50: pl. 21: f. 146-155.  
— insignis Brady, 1891, p. 18: pl. 6, f. 5. [f. 1  
— bicuspidatus Lilljeborg, 1901, p. 11: pl. 1, f. 12-17; pl. 2, 1  
— thomasi Forbes, 1882, p. 649: pl. 9, f. 10-11, 16.  
— gigas G. M. Thompson, 1883, p. 96: pl. 9, f. 8-10.  
— minnilus Forbes, 1893, p. 247.  
— serratus Forbes, 1893, p. 247.  
— bicuspidatus Steuer, 1897, p. 5: pl. 3, fig. 1.  
— — Lilljeborg, 1901, p. 11: pl. 1, f. 12-17, pl. 2, f. 1.  
— — Graeter, 1903, p. 528, pl. 15, f. 23, 32.  
— — Lepeschkin, 1900, p. 7. — — Kiefer, 1929,  
fig 19. — p. 58



C. bicuspidatus

- — Ewers, 1930, p. 26: pl. 12 (naupliar stages).  
— — Gurney, 1938, p. 219: figs. 1655-1671.  
— — Labbé, 1927, p. 203  
— — Klie, 1925, p. 127:  
— — Wilson, 1932, p. 324: fig. 193.  
— — Brady, 1891, p. 78: pl. 5, figs. 1-5.  
— — Yeatman, 1944, p. 49-50, figs. 93, 98, 101. Synonymy.  
— — Armitage, 1961, pp. 31-32  
— — Herbst, 1953, p. 153  
— — Forbes, 1997, p. 44

--, Herbst, 1955, p. 264, 277, C. (Diacyclops)  
bicuspidatus

--, Pearse, 1911

- (Diacyclops)-, Roen, 1957, pp. 70-74, 10, 25, 27

- " -, Pesta, 1928, p. 98-9, fig. 79

--, Kabata, 1970, p. 129-30, fig. 105 (Davis, 1959)

--, Sramek-Husek, 1941, p. 37

--, Litynski, 1922, p. 13

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

--, PENNAK, 1955: 116, 117

--, PENNAK, 1963: 359; PL. 1

- , Bulkley & Scheider, 1970, p. 406
- , Cushing, 1951, p. 161
- , Eddy, 1934, p. 15, 16, 18, 27, 31, 33, 34, 35, 39,  
40, 44, 59
- , Wilson, 1960, p. 163
- , MALONEY & TRESSLER, 1942: 43-44, 47, 48-51; FIG. 11; TAB. 3, 4
- , Mc MAHON, 1954: 479-499; FIGS. 2, 4-8; TAB. I-VII.
- , HARRIS, 1978: 27
- , KERFOOT, 1977a: 316, 317, 318, 320-323; FIG. 2, 4; TAB. 1
- , KERFOOT, 1977b: 304; FIG. 4
- , KERFOOT, 1978: 1090, 1092-94, 1096-1110
- , AMORES-SERRANO, 1978: 3, 4, 44, 45, 46, 50

--, ANDREAE, 1955: 285, 292

--, DAVIS, 1954: TAB. 3

--, REED, 1963: 52, 58

-> BLAKE 1945: p. 223; Tab. 9.

-, Cederström 1893: 149.

- (Acanthocyclops) -, Fryer & Smyly 1954: 71.

- Lindberg, 1941e: 481-482, fig. 9.

Cyclops bicuspidatus CLAUS

card 4

--, Kiefer, 1978, p. 214

--, Spindler, 1971, p. 149

- Manfredi, 1923: passim, fig. 3

- Patalas, 1965: passim.

-- OLIVE 1955: 433-434.

-- JE GANNON & STEMBERGER 1978: 27.

-- JE MOORE 1952: 422-445.

-- WHITTAKER & FAIRBANKS 1958: 49-65, WASHINGTON STATE

-- GANNON & BRETON 1969: 25 — , GREAT LAKES

Cyclops bicuspidatus Claus

card 5

-- Bajkov 1929: 349, 355, 361 - Canadian lakes.

-- CHANDLER, D. 1939: 27, 33, 27 - HURON RIVER

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

-- CLEMENS ET AL 1938: 92, SHUSWAP LAKE, CANADA

-- DORRIS 1958: 96, ILLINOIS

-- DORRIS 1948: 109, ILLINOIS

- Keifer, 1925: 339-343

- Patalas & Patalas, 1966: 210, fig. 6, POLAND

-- ALVAREZ, M. P. J., 1985: 183

CYCLOPS BICUSPIDATUS CLAUS

CARD 6

--, HOEBEL 1978: 21, 41, 44, 118 - BRITISH COLUMBIA

--, CLAUS 1893e: 289, 293, 300, 301, 304, 305, 311, 337, 344,  
345, SYN. C. PULCHELLUS KOCH; PLATES I (FIG. 9), II (10),  
III (1, 2), IV (10), V (4-6)

— Simmenstad & Cordell, 1985: 2180

-- KIEFER 1931: 610

C. --, SCHAUPS 1908: 167-, GERMANY

C. --, STANFORD & WARD 1991: 75, LAKE POWELL, ARIZONA

*Diacyclops bicuspidatus* (Claus)

-- Einsle, 1967, p. 308

-- --, Einsle, 1965, pp. 102-117, figs. 1-19

--, Kieffer, 1957, p. 71

--, Herbst, 1955, p. 264, see Cyclops bicuspidatus

--, Szlauer, 1963, p. 385-93

--, Kiefer, 1957, p. 66, 56, 59, 60

--, Kiefer, 1958, p. 51

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

Olszewski, 1977, p. 32-33

--, GOURBAULT & LESCHER-MOUTOUÉ, 1979: TAB. 1



--, LESCHER-MOUTOUÉ, 1976b: 97

--, ANDERSON, 1977: TAB. 3

--, CHAMPEAU 1971: 158, 162.

-- Lindberg, 1936a: 9

-- Pesce & Fabrizi, 1979: 66

Diacyclops bicuspidatus

card 2

--, Olszewski, 1976, p. 430, 431

--, Kiefer, 1963, p. 52

--, Kiefer, 1963, p. 31, 34

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

--, Stella, 1964, p. 76

--, Kulhavy, 1967, p. 109

--, Elgmore, 1980, p. 412

--, Pesce & Maggi, 1979, 169, 182, 189-190.

-- YEATMAN 1983: 71

Diacyclops bicuspidatus (Claus)

card 3

-- Lewkowicz 1984: 1695, Poland.

-- RÖBEN 1970: 115-146, GERMANY

— Pesce, 1980: 564

— Alonso & Comelles, 1984: 1700

-- MONCHENKO 1972: 80-82, KISILAKUM

-- KIEFFER 1949: 71, 97

— Kieffer, 1978: 215

— Sarvala, 1986: 126

CYCLOPS (D.)-, CARLI & CRISAFI 1983: 72, Pl. 13 FIG. 1-  
ITALY (COASTAL LAGOONS)

Diacyclops bicuspidatus (Claus)

card 4

-- Ronneberger 1975: 369-, Germany

-- FLÖSSNER 1985: 515, GERMANY

-- REID 1988a: 36

C. -, REED 1959: 29

C. -, FORRÓ 1986: 559

C. -, THOMSON, J.M. + DUNSTAN 1968: 85

C. -, ROSS + MUNAWAR 1988: 174, GEORGIAN BAY + LAKE HURON

C. (D.) -, RYKOV 1932: 261, E. SIBERIA

D. -, REID ET AL. 1989: 335

Diacyclops bicuspidatus (Claus)

card 5

-- Einsle 1975: 77-

-- Sars 1903: 244-, RECORDS - CENTRAL ASIA

-- Brancelj 1987: 3, 4, 15, CAVE, YUGOSLAVIA

C. -, BREHM 1908a: 450 -

C. -, LANGFORD 1958a: 29-, ONTARIO

C. -, WECKEL 1914: 198

C. -, TIMM 1903: 293, 294-295, ELBE RIVER

C. -, VAN DOUWFF 1909b: 28, FIGS. 91-93, GERMANY

A. -, PAPIŃSKA 1984: 502, MIKOLAJSKIE LAKE, POLAND

Diacyclops bicuspidatus (Claus)

card 6

Cyclops -, Rawson 1956a" 71-, Great Slave Lake

C. -, RAWSON + MOORE 1944: 174-175, LAKES,  
SASKATCHEWAN

C. -, AKATOVA 1949: 353, KOLYMA RIVER BASIN

-- LÖFFLER 1959c: 340, AUSTRIA

-- LÖFFLER 1961c: 393

C. -, ZUÑIGA 1988: 8-

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

C. -, LEMLY + DIMMICK 1982b: 309-, NORTH CAROLINA

Diacyclops bicuspidatus (Claus)

card 7

-- Brandl 1973:84-, culture

-- MAIER 1990a: 485-, POPULATION DYNAMICS, GERMANY

-- BUNTING 1973:139

-- BRANDELT 1990:17, YUGOSLAVIA

CYCLOPS -, EDDY + SIMER 1928:61-, MISSISSIPPI,  
ILLINOIS RIVER

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

ACANTHOCYCLOPS -, HEMSEN 1952:587, 624, IRAN, CASPIAN SEA

D. -, TORKE 1976:8-, 12, ? WISCONSIN

Diacyclops bicuspidatus (Claus)

card 8

Cyclops (Acantho.) - (s. str.), Harding & Smith 1974:

40-, Britain

D. B. S. STR., ALEXEEV & POPOV 1986: 106-, FIGS. 6, 7,  
USSR; DISTINGUISHED FROM D. LIMNOBIUS  
— Ward, 1940: 648 (C. bicuspidatus)

D. -, WILLIAMSON 1991: 794-

C. <sup>(C)</sup>, COKER 1938: 85, NORTH CAROLINA

C. BICUSPIDATUS, SWANSON & WARD 1988: 1680-  
WINNIPEG, CANADA



Diacyclops bicuspidatus (Claus)

card 9

-- Pesce & Galassi 1984:160, Italy

ACANTHOCYCLOPS -, MAZKOVA 1978: 12, 81, L. BAIKAL

D. -, ALEKSEEV 1982a: 18-

D. -, ALEKSEEV 1986b: 15-, DIAPAUSE

D. -, REID 1993b: 188

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

CYCLOPS -, S.A. FORBES 1882: 640-641, 649

D. -, PETROVSKI 1984: 136, SLOVENIA

D. -, FLOSSNER 1986: 6, MONGOLIA

Acanthocyclops bis cuspidatus (Claus)

- -- Lindberg, 1959, p. 11.
- -- Lindberg, 1962,<sup>a</sup> p. 266.
- -- Lindberg, 1956, p. 114.
- -- Lindberg, 1955,<sup>e</sup> p. 106.
- -- Lindberg, 1955,<sup>c</sup> p. 192.
- -- Lindberg, 1955,<sup>e</sup> p. 243.
- -- Lindberg, 1949,<sup>b</sup> p. 8.
- -- Lindberg, 1950,<sup>f</sup> pp. 105-107.
- -- Lindberg, 1950, p. 9, chart.
- -- Lindberg, 1953, pp. 149-185.
- -- Lindberg, 1953, pp. 19-39.
- Lindberg, 1952,<sup>f</sup> : 64-65

-- -- Lindberg, 1951<sub>a</sub> pp. 233-242.

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

--, Proszynska, 1962, p. 29

--, Por, 1967, p. 1

--, Šterba, 1964, p. 198

--, ACADEMIA SINICA, 1979: 362, 366-367; FIG. 214; 542:

CYCLOPS B. ; C. PULCHELLUS ; C. BICUSPIDATUS NAJUS ;

DIACYCLOPS B.

-- Dukina, 1956: 687, fig 10

-- Lindberg, 1953<sub>b</sub>: 76-78

-- Marcus, 1976: 214, tbl. 1

--, PREJS + PARÍŇSKA, 1983: 485-486

= DIACYCLOPS

Acanthocyclops bicuspidatus (Claus)

card 2 11

---Lindberg 1950i: 67, 69, 72

-- LINDBERG 1943c: 29.

-- MÄEMETS + VELDRE 1956a: 8, 21 - ESTONIA

-- TYH, VELDRE + MÄEMETS 1956: 45-46, Pl. VII FIGS. 18-21,

ESTONIA

-- Damian-Georgescu, 1963: 135-138, fig. 70

-- BORUTZKY, 1960: 89, FIG. 35(4-5); 212

— Sterba, 1968: 222

D. -, KIEFFER 1955d: 120, TURKEY

Diacyclops bicuspidatus (Claus)

card 12

- Ishida & Kobayashi 1993: 110, Kamchatka
- ISHIDA 1993a: 166, LAKE BIWA, JAPAN
- SHEN & JUNG 1965c: 388-, NW CHINA
- PESCE 1984b: 294-, ITALY
- CYCLOPS -, LÜNING 1953: 18, FIG. 1(4,5)
- ACANTHOCYCLOPS -, MARCUS & IONESCU 1974: 124-,  
ROMANIA
- BOXSHALL, EVSTIGNEEVA & CLARK 1993: 106, TAB. 1
- S. L., PANDOURSKI 1994: 5-, BULGARIA; FIG. 4c-e

Diacyclops bicuspidatus (Claus)

-- Ferrari 1993b:766-, Tabs. 1,2

-- FINSLE 1989: 82-, FIGS. 2, 5-7, LAKE KONSTANZ, GERMANY  
(INCLUDES D. b. LIMNOBIUS)

ACANTHOCYCLOPS -, WYNGAARD + CHINNAPPA 1982: 490 -

D. -, WYNGAARD + CHINNAPPA 1982: 500

CYCLOPS -, KIEFER 1927: 72-73, FIG. 16

CYCLOPS -, KIEFER 1933: 61, 62, TAB. I, GERMANY

CYCLOPS -, BREEMEN, VAN, 1907: 3, 23, PL. I FIGS. 9, 10,

NETHERLANDS

DIACYCLOPS BICUSPIDATUS (CLAUS)

14

- LACROIX + LESCHER - MOUTOUÉ 1991: 1531-1534, FRANCE
- SÄRKKÄ ET AL. 1997: 144, TAB. 2, FINLAND

Diacyclops bicuspidatus bicuspidatus (Claus, 1857)

--- Dussart 1981c: 162

— Monchenko, 1973: 41-49 Synonymy

--- Fiers + Van de Velde 1984: 183; Figs. 7e, f,

BELGIUM

--- PandourSKI 1992: 95, CAVES, BULGARIA



DIACYCLOPS BICUSPIDATUS (CLAUS) S.L.

-- FIERS ET AL. 1996: 81, BELGIUM

Diacyclops bicuspidatus jurinei Nisa, Mahoon & Khan,  
1987

Cyclops b. j. n. ssp, Nisa et al. 1987:129-, figs.  
27-32, Pakistan (!using Yeatman key!)

Diacyclops bicuspidatus limnobi - see D. limnobi

Diacyclops bicuspidatus lubbocki (Brady, 1868) ①

Cyclops lubbockii, Brady 1868:127-, pl. 4 figs. 1-8,  
new species,

C. 1., Claus 1893e:316, 344

C. (Diacyclops) lubbocki, Gurney 1933:222-225, fig. 1658,  
gives distribution; England, Scotland, Algeria, Persia,  
Mesopotamia

Diacyclops b. 1., Stella & Margaritora 1975(76):4-,

Sardinia

C. (Acanthocyclops) b. 1., Harding & Smith 1974:40-,

BRITAIN

Diacyclops bicuspidatus lubbocki (Brady, 1868) card 2

--- Pesce 1980:564, Italy

--- Pesce & Maggi 1983a:272, 274-276, Sardinia

--- Pesce 1985:128, Lesbos

---, = D. b. odessanus, Dussart & Defaye 1985:82-83, give  
distribution (Repertoire)

Cyclops --, Nisa et al. 1987:130

CYCLOPS LUBBOCKII, BRADY 1872: 428, ENGLAND

Diacyclops bicuspidatus lucanus

— Pesce & Galassi, 1985: 41-43  
fig. 1-b, N. SSR, ITALY

-- - PESCE 1984b: 294-, ITALY

Diacyclops bicuspidatus navus - see Diacyclops navus

Cyclops bicuspidatus Claus  
var. odessanus Chmankiévitsh, ♀

CYCLOPS ODESSANUS, SCHMANKEVITSCH 1875a:  
C. b. o. Blanchard & Richard, 1891, p. 515.

C. b. o. Schmeil, 1892, p. 80

C. b. o. Kiefer, 1928, p. 244: fig.

~~Cyclops~~

Habitat. Algeria, Denmark.

Cyclops (Diacyclops) bicuspidatus odessanus. Røen, 1952, p. 121.

C. b. o. Chappuis, 1927: 43

CYCLOPSO., CLAUUS 1893e: 289, 344.



C. b. o. Kiefer, 1928, p. 99:

C. b. o., C. Davis, 1959, pp. 15-29

C. b. o.; Roen, 1957, p. 10, 84, 95

C. o., Sars 1913: 47, SYN. OF CYCLOPS PULCHELLUS

= DIA CYCLOPS

odessanus. Schrankewitsch 1875

Cyclops bicuspidatus odessanus MS

(2)

--, Pesta, 1928, p. 98

---, Herbst, 1953, p. 149

—, Lindberg, 1941c: 482—, fig. 10a-b.

DIA. ---, LÖFFLER 1961c: 393

DIA. ---, BRANCELT 1990: 17-18, YUGOSLAVIA

DIA. ---, FIERS & VAN DE VELDE 1984: 183; FIG. 7d,

TUNISIA

DIA. ---, REID 1993b: 188

Diacyclops bicuspidatus odessanus (~~Schm~~<sup>3</sup>)

(Schmankevitch, 1875)

— —, Dussart, 1967: 93

--, Kiefer, 1960, p. 442, 444, figs. 16-19.

--, Kiefer, 1958, p. 51

--, Kiefer, 1958, p. 147-8

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

--, LESCHER-MOUTOUË, 1976b: 97

--, DUMONT & DEBEAEMER, 1977: 258

--, CHAMPEAU 1971: 153, 156, 158, 159-165; Figs. 4-6.

---, Thiery, 1982, p. 170

—, Kiefer, 1978, passim

--, Pesce & Maggi, 1979, p. 169, 182-183, 189-190

--, Lindberg, 1936: 2

- Armengol, 1978: 86-87, fig. 75.
- Pesce & Fabrizi, 1979: 66-67
- DASSART 1981c: 162
- S. ODESSANA, KIEFER 1949: 97
- Kiefer, 1978: 215
- Sarvala, 1986: 126

= DIACYCLOPS

Acanthocyclops bicuspidatus f. odessanus (a) card 24

--, Lescher-Moutoué, 1978-79, p. 83, 98

--- LINDBERG 1950i: 64-69, 71

-- m. odessana, MÄENETS + VELDRE 1956a: 21, ESTONIA

-- m. odessana, VELDRE + MÄENETS 1956: 46, ESTONIA

— Damian-Georgescu, 1963: 138-140, fig. 71

D. b. o., PESCE & GALASSI 1987d: 206, ITALY

D. b. o., PANDOURSKI 1994: 11

D. b. o., WYNGAARD + CHINNAPPA 1982: 509, TAB. 5

D. b. o., PETKOVSKI + BRANCELT 1985: 5, SLOVENIA

= DIACYCLOPS

Acanthocyclops bicuspidatus fl odessana (Chmankievitch)<sup>5</sup>

- -- Lindberg, 1962, p. 35.
- -- Lindberg, 1956, pl 101. \* 114
- -- Lindberg, 1955, p. 106.
- -- Lindberg, 1955, p. 192.
- -- Lindberg, 1955, chart
- -- Lindberg, 1954, p. 72.
- -- Lindberg, 1950 ~~b~~ ~~e~~: ~~28~~ 29.
- -- Lindberg, 1950 ~~f~~ pp. 105-107.
- -- Lindberg, 1950, p. 9, chart.
- -- Lindberg, 1952, pp. 193-196.

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

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

= DIACYCLOPS

6

Acanthocyclops bicuspidatus f. odessana

---, Lindberg, 1956, p 101,

D. - -us, KIEFFER 1955d: 120, TURKEY

D. - -us, KIEFFER 195<sup>5</sup>~~4~~: 162, CAVE, SOUTHERN FRANCE

D. ODESSANUS, CHAMPEAU 1966: 1289, RESTING STAGES

D. ODESSANUS, KIEFFER 1938: 124, MOROCCO

C. B. ODESSANUS, SCHACHTER 1958: TAB. 3, FRANCE

C. B. - us, KIEFFER 1927: 202, GERMANY

C. B. - us, KIEFFER 1933: 61, 62, TAB. I



DIACYCLOPS BICUSPIDATUS ODESSANUS SHMANKEVICH ⑦

CYCLOPS ODESSANUS, REHBERG 1890: 303

C. o., REHBERG 1884: 3-16

DIACYCLOPS BICUSPIDATUS SYNARTHUS

(LOWNDES, 1926)

CYCLOPS BICUSPIDATUS VAR. SYNARTHUS, LOWNDES

1926:

C.B.S., KIEFER 1927: 203

C.B.V.S., GURNEY 1933: 219, 222

ACANTHOCYCLOPS B.V.S., VELDREY + MAEMETS 1956: 38

= DIACYCLOPS

Cyclopidae - Cyclopoidea.

Cyclops bisetosus Rehberg, ♀.

①

— — Rehberg, 1880, p. 543; Schmeil, 1892, p. 94:

— — Sara, 1913, p. 48; pl. 28. [pl. 2, §. 8-11]

— bicuspidatus Sara (not Claus), 1863, p. 247.

— bisetosus Herrick, 1895, p. 99; pl. 23, §. 9-11,  
(NO US RECORDS - USED SCHARIL'S FIGURES.)

Habitat. Sweden: Germany: Spitzbergen:  
Siberia: Massachusetts: Denmark.

— Scott & Scott, 1901: 341

- insectus Forbes, 1882, p. 649: pl. 9, fig. 6.  
 — — Herrick, 1884, [fig. 3-6]  
 — viridis var. insectus E. B. Forbes, 1897, p. 41: pl. 11, A  
 — — — M. Rathbun, 1905, p. 106.  
 — bisetosus T. Scott, ~~1906~~ 1906, b, p. 348.  
 — — Dr. & Miss Sprague, 1902, p. 255: pl. 31, fig. 18-22.  
 — — Scourfield, 1895, p. : 1898, p. 324.  
 — bicuspidatus Brady, <sup>1915, p.</sup> 1891, <sup>1939, p.</sup> p.  
 — bisetosus Scourfield, 1903, p. 534.  
 — — Claus, 1893, p. 347.  
 — — Willjeborg, 1901, p. 14: pl. 2, fig. 2-4  
 — — Gurney, 1939, p. 227: figs. 1675-1685. } EUROPE, ASIA,  
 } ALGERIA, EGYPT,  
 } CANADA, NEW ZEALAND,  
 } NOUVA ZEMLYA

- (Cyclops-Diacyclops) bisetosus, Pesta, 1928, p. 99-100, fig. 80

---, Sramek-Husek, 1941, p. 37

--, Behning, 1926, p. x 46

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

--, Kiefer, 1923, p. 124

—, Lindberg, 1941e: 482-483, fig. 11 a-e.

- Roen, 1954: 16

- Spandl, 1926: 124

- Kiefer, 1925: 339-344, fig. 2

-- CLaus 1893e: 293, 304, 305, PLATE II FIGS. 11, 12, PL. III FIGS. 3, 3'

C. bisetosus (2)

- — F. Kiefer, 1929, p. 60: fig. 20.
- — Klie, 1925, p. 127: — 678
- — Thienemann, 1912, p. 677 (in salt water).
- (Diacyclops) — Roen, 1952, p. 121:
- —, Hollowday, 1949, p. 361-2, fig. 1. Tree trunk hollows. <sup>Hants,</sup> England.
- —, Graeter 1910. Caves.
- Diacyclops —, Dussart in Aguesse + Dussart, 1957, p. 492. Camargue.
- —, Herbst, 1953. p. 153
- —, Roen, 1957, pp. 74-78, 10, 25, subg. Diacyclops
- (Acanthocyclops) —, Fryer & Smyly 1954: 71.
- Chappuis, 1927: 43

Diacyclops bisetosus (Rehberg)

3

--, Kieffer, 1957, p. 71

--, Kiefer, 1960, p. 442

--, Kiefer, 1957, p. 26, 28, figs. 5-7

--, Kiefer, 1957, p. 54-57, 59, 60, 62, 66

--, Kiefer, 1958, p. 51

--, Aguesse & Dussart, 1957, p. 482

--, GOURBAULT & LESCHER-MOUTOUÉ, 1979: TAB. 1

--, LESCHER-MOUTOUÉ, 1976: 97

--, MONCHENKO, 1978: 82

--, CHAMPEAU 1971: 153, 155, 158, 164; Figs. 1, 2, FRANCE

Diacyclops bisetosus (REHBERG)

card 4

--, Gourbault & Lescher-Moutoue, 1968, p. 736-738

--, Pesce, 1980, p. 364

--, Olszewski, 1976, p. 430, 431

--, Stella, 1964, p. 76

--, Lescher-Moutoue, 1978-79, p. 87, 98

--, Thierry, 1982, p. ~~170~~ 170.

--, Pesce & Maggi, 1979, p. 169, 183, 189-190.

--, Kulhavy & Noodt, 1968, passim

— Armengol, 1978: 87-88, fig. 77, SPAIN



- Pesce & Fabrizi, 1979: 65-66
- PESCE + MAGGI 1983a: 272, 274-6
- DUSSART 1981c: 162
- Pesce, et al, 1982: 58, fig. 5a-d.
- Pesce, 1980: 564
- Morton, 1985: 621 — 622, fig. 2a-e
- HUSMANN, 1966: 255
- KIEFER 1949: 73, 97
- Kiefer, 1978: 215
- ROUCH 1968a: 73
- ROUCH ET AL. 1968a: 722, KARST-FRANCE

Diacyclops bisetosus (Rehberg)

card 5

- Ronneberger 1975: 369-, Germany
- FLÖSSNER 1985: 515-, GERMANY
- REID 1988a: 36
- KIEFER 1981b: 276
- ROUCH 1988c: 225-, FRANCE
- BRANCELJ 1987: 3, 15, CAVE, YUGOSLAVIA
- C. -, VAN DOUW 1909b: 29, FIGS. 97-99, GERMANY
- C. -, AKATOVA 1949: 353-, KOLYMA RIVER BASIN
- LÖFFLER 1959c: 340-, AUSTRIA

Diacyclops bisetosus (Rehberg)

card 6

-- Löffler 1961c: 392-, Iran

CYCLOPS -, ELBOURN 1966: 227 -

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

D. -, REID 1990g: 180

D. -, ALEXEEV + POPOV 1986: 115

D. -, WILLIAMSON 1991: 810

D. -, PESCE + GALASSI 1984: 160, ITALY

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

D. -, KIEFFER 1968b: 158, CAVES, N. ITALY

= DIACYCLOPS

Acanthocyclops bisetosus (Pohberg)

⑦

- A. — Lindberg, 1950 f: 106-107.
- A. — Lindberg, 1957, bp. 79.
- A. — Lindberg, 1962, p. 271-274.
- A. — Lindberg, 1956, p. 72.
- A. — Lindberg, 1956, p. 114.
- A. — Lindberg, 1955, pl 106.
- A. — Lindberg, 1955, p. 192.
- A. — Lindberg, 1950, p. 30, chart.
- A. — Lindberg, 1953 b pp.: ~~75-81~~ 76-78
- A. — Lindberg, 1950 R pp. 7-10, chart.
- A. — Lindberg, 1953, pp. 149-185.
- A. — Lindberg, 1953, pp. 19-39.
- A. —, CHAMPEAU 1971: 152.

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

A., Sterba, 1962, p. 895

A., Sterba, 1964, p. 198

A., Dussart, 1967, p. 122

A., ACADEMIA SINICA, 1979: 362, 369; FIG. 216; 540: CYCLOPS

B.; DIACYCLOPS B.

A. - Foyer, 1980: tbl. 1

A. Lindberg, 1952 f: 65

A. Lindberg, 1955 a: 57-62.

A. Marcus, 1967: 214, tbl. 1

A. LINDBERG 1950 i: 71

A. MÄEMETS & VELDRE 1956 a: 8, 21 - ESTONIA

= DIACYCLOPS

Acanthocyclops bisetosus (Rehberg)

card 8

A. Veldre & Mäemets 1956: 39, 46, Pl. VIII figs. 1-4,

Estonia

A. Damian-Georgescu, 1963: 140-143, fig. 72

A. Borutzky, 1960: 89, FIG. 35(6)

A. (DIACYCLOPS) -, LESCHER-MOUTOUF' & GOURBAULT,  
1971: 297

A. (DIACYCLOPS) -, NAIDENOV 1969: 1063, 1066

A. -, MAZKOVA 1978: 12, 81, LAKE BAIKAL

D -, NAIDENOV & PANDOURSKI 1992a: 11, CAVE, BULGARIA

Diacyclops bisetosus (Rehberg)

card 9

-- Pandourski 1992: 95, caves, Bulgaria

-- KIEFFER 1955d: 120, TURKEY

CYCLOPS -, SARS 1898: 350, SIBERIA

MEGACYCLOPS (DIACYCLOPS) -, PLEŠA 1971: 843-;  
CAVES, SWITZERLAND

D. -, SHEN + SUNG 1965b: 19-20, FIGS. 18-21, CHINA

D. -, SHEN + SUNG 1965c: 389, NW CHINA

D. - PESCE 1984b: 294, ITALY

D. -, KIEFFER 1954d: 161-, CAVE, SOUTHERN FRANCE

Diacyclops bisetosus (Rehberg)

card 10

-- Pesce & Galassi 1987d: 205-, Italy

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

-- PANDOURSKI 1994: 5-, BULGARIA

-- CHAMPEAU 1966: 1289-, RESTING STAGE

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

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

AUSTRALIA

MEGACYCLOPS -, PLESA 1981: 33, CUBA

CYCLOPS -, S. A. FORBES 1882: 649



DIACYCLOPS BISETOSUS (REHBERG)

11

--FIERS ET AL. 1996:81, BELGIUM (CUBA RECORD  
ERRONEOUS).

CYCLOPS -, KIEFFER 1927: 141, ROMANIA

C. -, KIEFFER 1927: 202, GERMANY

C. -, KIEFFER 1933: 61, 62, TAB.I, GERMANY

D. -, KIEFFER 1963: 143, HUNGARY

D. -, KIEFFER 1964: 478, AUSTRIA

D. -, PETKOVSKI + BRANCELT 1985: 5, SLOVENIA

D. -, PESCE + DE LAURENTIIS 1996: 524-525.

DIACYCLOPS BISSETOSUS (REHBERG)

12

CYCLOPS -, BREMEN, VAN, 1907: 25

D. -, SÄRKÄ ET AL. 1997: 144, TAB. 2, FINLAND

Diacyclops bisetosus Cyclopidae - Cyclopoida.  
Cyclops kiewensis Sowinsky, ♀.

— — Sowinsky, 1887, p.

— — Schmiedl, 1898, p. 164.

— Monchenko, 1973: 43-49

(= Diacyclops bisetosus)

Habitat. Russia.

DIACYCLOPS BICUSPIDATUS THOMASI - JEF

DIACYCLOPS THOMASI

= DIACYCLOPS

Cyclopidae - Cyclopoidea

Cyclops (Diacyclops) cerberus Chappuis, ♀

— — Chappuis, 1934, p. 212: figs. 1-4.

Habitat. Alps.

DIACYCLOPS CHAKAN FIERSE & REID IN FIERSE ET  
AL., 1996

-- FIERSE ET AL. 1996: 66-75, FIGS. 1-7, N. SP.,  
YUCATÁN + QUINTANA ROO, MEXICO

DIACYCLOPS CHAPPUISI - SEE ACANTHOCYCLOPS

Diacyclops charon (Kiefer, 1931)

(1)

Cyclops (Diacyclops) -, Kiefer 1931: 220-221, Figs. 4,5,  
n. sp. female + male, caves of Adelsburg, small pools  
in the "Tartarus"

C. (D.) -, Kiefer 1931: 703-704, Figs. 4-8, "n. sp.",  
female + male, Adelsburg caves

D. -, Lescher-Moutoue 1976b: 97

D. -, Kiefer 1978: 215

D. -, Btancelj 1987: 2-4, 10, 11, 15, Fig. 3, cave,  
Yugoslavia



Diacyclops charon (Kiefer, 1931)

card 2

-- Brancelj 1990: 18, Yugoslavia

-- PETKOVSKI 1984:136, SLOVENIA

Diacyclops chrisae Reid, 1992

-- Reid 1992b: 1445, 1453-1456, 1464, n. sp. female +  
male, Wye Island, MD (type locality), Ontario;

= D. nearcticus (part.)

-- REID 1992d: 137-

Diacyclops clandestinus (Kiefer, 1926)

Cyclops languidoides clandestinus, Kiefer 1926: 276-277,  
figs. 5-7, n. ssp., Üfingen, Germany

C. languidoides clandestinus, Pesta 1928: 105, fig. 86

C. (D. ) l. c., Herbst 1953: 149

D. l. c., Kiefer 1958: 52, south west Germany

D. l. c., Lescher-Moutoué 1974: 340, figs. 9-13

D. l. c., Monchenko 1975: 183

D. l. c., Lescher-Moutoué 1978-79: 86, 87, 98

D. l. c., Gourbault & Lescher-Moutoué 1979: Tab. 1

Diacyclops clandestinus (Kiefer, 1926)

card 2

D. languidoides cf. clandestinus, Monchenko 1986: 339

D. c., Pesce & Maggi 1983a: 273, = D. languidoides  
hypnicola

D. c., Pesce & Galassi 1987: 103, 113, Figs. 29-34, Italy

D. c., PESCE ET AL. 1987: 178, 181, 182, 183, ITALY

D. c., BRANCELT 1987: 3, 15, CAVE, YUGOSLAVIA

D. c., GALASSI 1991: 320-

D. c., GALASSI & PESCE 1991: 1, ITALY

D. l. c., MONCHENKO 1980: 13

Diacyclops clandestinus (Kiefer, 1926)

card 3

-- Pandourski 1992: 95, caves, Bulgaria

D. LANGUIDOIDES CLANDESTINUS, MONCHENKO  
1982: 182-189, BLACK SEA

-- REID 1991d: 271

MEGACYCLOPS (D.) LANGUIDOIDES CLANDESTINUS,  
PLEŠA 1971: 847, CAVES, SWITZERLAND

D., PESCE 1984b: 296-, ITALY

D., PESCE & GALASSI 1987d: 206-, ITALY

D., PANDOURSKI 1993: 166, CAVES, BULGARIA

Diacyclops clandestinus (Kiefer, 1926)

card 4

-- Pandourski 1994: 5-, caves, Bulgaria

D.c., PETKOVSKI 1984: 24, 36-38, FIGS. 24-26,  
MACEDONIA; NEW RANK.

C.l.c., KIEFER 1927: 141, GERMANY

C.l.c., KIEFER 1927: 203, GERMANY

C.l.c., KIEFER 1933: 63, TABS. I, II, GERMANY

D.c., NEW RANK, PETKOVSKI 1984: 24, 36-38, FIGS. 24-26,  
MACEDONIA.

D.c., PETKOVSKI + BRANCELJ 1985: 5, SLOVENIA

DIACYCLOPS CLANDESTINUS (KIEFER, 1926)

(5)

- PESCE, GALASSI + COTTARELLI 1995: 98, ITALY
- PESCE + DE LAURENTIS 1996: 296, ITALY
- UEDA, OHTSUKA + KURAMOTO 1996: 311; ALSO D. I. C.
- T - GALASSI 1997: 695, ITALY

Acanthocyclops languidoides var. clandestinus Kiefer <sup>(P)</sup>  
1926

A. — Lindberg, 1952f: 64

— Lindberg, 1949e: 46

— — —, Šterba, 1956, p. 391. & 1964: 198

-- -- Lindberg, 1956f p.: 101 & 114, 108-110, fig. 1.

-- -- Lindberg, 1955, p. 106.

-- -- Lindberg, 1955<sup>c</sup> p. 192.

-- -- Lindberg, 1949f p.: 8.

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

— Lindberg, 1950g: 285-288, fig. 16



--- Lindberg, 1953h pp. ~~149-185.~~ 168-170, fig. 3

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

-- --, Ponyi, 1962, p. 94

---, Sterba, 1962, p. 895

?A. languoides c., Sterba, 1964, p. 198

- Lingberg, 1955a: 57-62

- Damian-Georgescu, 1963: 150-151, fig. 76

Cyclops clandestinus Yeatman

-- -- Yeatman, 196~~3~~<sup>4</sup>. pp. 95-98, fig. 1-23

DIA. -, REID 1988a: 36, CHANGED TO

DIACYCLOPS YEATMANI

Diacyclops cohabitatus Monchenko, 1980

-- Monchenko, 1980: 12-16, 19, Fig. 1(1-18), n. sp.

female + male, near-Carpathians, Ukraine

-- Pesce & Galassi 1987: 108

-- PESCE + GALASSI 1987C: 117-, CF. D. CRISTINAE

-- MONCHENKO 1982: 188-

-- PETKOVSKI 1984: 36, SYN. OF D. ZSCHOKKEI

Cyclopidae - Cyclopoida

DIA -  
Cyclops crassicaudis G.O. Sars, ♀. 0

c. — Sars, 1863, p. 40: 1913, p. 49: pl. 29.

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

c. — Sars, 1913, p. 49: pl. 29.

c. — Douwe, 1903, p. 463: 3 text-figs

c. — REED, 1963: 51

Habitat. Sweden: Bohemia: Norway:

c. Spandl, 1926: 124

c. Cederström 1893: 149.

c. — LUCKS, 1929, p. 15

- c. — Schmeil, 1898, pl. 13, f. 2.  
c. — Lilljeborg, 1901, p. 57; pl. 4, f. 5-7.  
c. — Gurney, 1933, p. 232; figs. 1686-1696.  
c. — F. Kiefer, 1929, p. 60.  
c. — Kiefer, 1928, p. 244; figs. 1-3  
c. — Kiefer, 1927, p. 262; figs. 1-2. var. *brachycercus*,  
c. — Kiefer, 1925, p. 339 + 343  
- (Cyclops-Diacyclops) -, Pesta, 1928, p. 103-4, fig. 83-4  
c. - (Diacyclops), Herbst, 1953, p. 149  
c. -, Kiefer, 1923, p. 124  
c. -, Bertram, 1933, p. 540  
c. -, Kiefer 1920-21: 206.  
c. — Lindberg, 1956 f: 101, 103, 114.  
c. — Reuter-Schiltz & Hoffman, 1970: 245-247 figs. 51-54

Acanthocyclops crassicaudis (Sars)

(2)

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

-- - Lindberg, 1950, p. 30, chart.

-- - Lindberg, 1953b pp: ~~75-81~~ 76-77

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

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

--, Sterba, 1962, p. 895

--, Sterba, 1964, p. 194

--, *ACADEMIA SINICA*, 1979: 35

-- Lindberg, 1956a: 201

-- Lindberg, 1956f: 101, 104, <sup>106,</sup> 114

Acanthocyclops crassicaudis (G. O. Sars, 1863) card 3

A.-- Mäemets & Veldre 1956a: 21

- + - ~~typ~~ VELDRE & MÄEMETS 1956: 40, 47, PL. UTII FIGS. 5-8,  
ESTONIA
- Damian-Georgescu, 1963: 143-145, fig. 73
- BORUTZKY, 1960: 89, FIG. 35(2-3)
- + - LESCHER-MOUTOUF 1966: 674
- Sterba, 1964a: 289, tab. 1
- Sterba, 1968: 222
- + - REED 1959: 27-, ARCTIC; III, Tab. XVII; 143,  
APPENDIX TABLE B - ADELAIDE PENINSULA

Diacyclops crassicaudis (Sars, G.O.)

4

-- --, Sterba, O. 1954, pp.355. no figs..

-- --, Stella, 1957. p. 40

--, Kiefer, 1958, p. 148

--, Kiefer, 1958, p. 51

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

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

--, Kiefer, 1963, p. 31, 34

--, Flossner, 1970, p. 277

--, Pesce & Maggi, 1977, p. 78

-- YEATMAN 1983:71

-- Kiefer, 1978:215



- Sarvala, 1986: 126

-- MONCHENKO 1985: 22-24

-- RONNEBERGER 1975: 370-, GERMANY

-- REID 1988a: 36

C. -, KIEFER 1931: 610

ACANTHOCYCLOPS -, ROSOL & STERBA 1983: 70-

C. -, GAGERN 1924: 335-336, GREIFSWALD, GERMANY

C. -, VAN DOUWÉ 1909b: 31, FIGS. 107-110, GERMANY

C. -, AKATOVA 1949: 353, KOLYMA RIVER BASIN

D. -, TORKE 1976: 12

Diacyclops crassicaudis (G.O. Sars)

card 5

Cyclops (Acantho.) -, Harding & Smith 1974:40-, Britain

C., YEATMAN 1964:98

C. (DIA.) -, KIEFER 1927:306, IN NEW SUBGENUS.

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

D. -, REID 1992b:1445, 1465-1468, FIGS. 82-86,

SASKATCHEWAN; SYNONYMY

D. C. S.L., PESCE & GALASSI 1987d:207-, ITALY

D. C. C., PANDOURSKI 1994:5, BULGARIA

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

DIACYCLOPS CRASSICAUDIS (G. O. SANS)

6

-- FIERS ET AL. 1996: 79

-- FLÖSSNER 1986: 6, 32, MONGOLIA

CYCLOPS -, KIEFFER 1927: 202, GERMANY

D. -, KIEFFER 1968: 136-137

D. -, ISHIDA 1989: 1, HONSHU, JAPAN

D. -, ISHIDA 1989: 25-26, HOKKAIDO, JAPAN

D. -, ISHIDA 1995: 299, TAB. 1, HOKKAIDO, JAPAN

D. -, PESCE + DE LAURENTIIS 1996: 529

CYCLOPS -, BREEMEN, VAN 1907: 25

DIACYCLOPS CRASSICAUDIS (G.O. SARS)

7

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

Diacyclops crassicaudis brachycercus (Kiefer)

①

Cyclops (-) --, Reddell 1965: 157

-- Harris 1978: 28, 32, 33 - *MISSISSIPPI*

-- Pennak 1963: 358

Cyclops crassicaudis brachycercus, Yeatman 1943: 27, 28,  
30, 35 - wells, N. Carolina

D. --, REID 1988a: 36

C. --, HARRIS, M.J. 1973: 13-, PL. 8 FIGS. 48-50, MISS.

C. --, KIEFER 1931: 610

DIA.

Acanthocyclops crassicaudis brachycercus (Kiefer) 1977 (2)

A. --, Sterba, 1961, p. 824 - LABOREC RIVER, CZECHOSLOVAKIA

A. --, Sterba, 1962, p. 895 - INTERSTITIAL WATER, SLOVENIA

A. - VAR. BRACHYCERCUS, MÄEMETS + VELDRE 1956a: 2, ESTONIA

A. - VAR. BRACHYCERCUS, VELDRE + MÄEMETS 1956: 47,

ESTONIA.

A. - Damian-Georgescu, 1963: 145 - , fig. 73

A. - Sterba, 1968: 222 - BOHEMIA

1991b: 240 -

D. --, REED, ~~UNDATED~~ MS.: YUKON TERRITORY

CYCLOPS --, BUNTING 1973: 138, TENNESSEE

D. --, TAYLOR + MAHONEY 1990: 612, RAINBOW POND, S. C.

Diacyclops crassicaudis brachycercus (Kiefer, 1927) 3

--- Williams 1989:189-206, Duffin Creek, s. Ontario;

ALSO ROUGE RIVER (202 -

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

--- TORKE 1976: 6-, WISCONSIN

C. --- YEATMAN 1964: 98

C. ---, TASH 1971: 95-, CAPE THOMPSON, ALASKA

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

D. ---, REID ET AL. 1991: 133, MONTANA

D. --- WILLIAMSON 1991: 810

Diacyclops crassicaudis v. brachycercus (Kiefer, 1927) 4  
Cyclops c., Coker 1938:77-79, figs. 1-13, Chapel Hill, NC

D. c. v. b., REID 1992b: 1445, 1464-1467, FIGS. 74-81,  
FROM ? TYPE SPECIMENS, NEW YORK; NEW RECORDS - NY, SC;  
SYNONYMY; RELATIONSHIP TO D. CRASSICAUDIS STR.

D. c. b., WARD, J. V. ET AL. 1992: 357-, TABLE 4,  
SOUTH PLATTE RIVER, COLORADO

D. c. b., PESCE & GALASSI 1987d: 207-

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

D. c. b., WARD ET AL. 1994: 14-, MONTANA, USA



DIACYCLOPS CRASSICAUDIS U. BRACHYCERCUS

5

- WYNGAARD, TAYLOR + MAHONEY 1991: 222-230, SOUTH CAROLINA, USA
- KING, J. ET AL. 1996: 96-116, NORTHERN CALIFORNIA, USA
- SCANLIN + REID 1996: 104, N. CALIFORNIA, USA
- PESCE + DE LAURENTIIS 1996: 529

SALVATORI

Diacyclops crassicaudis Sars, var. cosana STELLA +

-- -- --, Stella, 1957. pp. 40-42

--- Pesce & Maggi 1983a: 274-276

--- PESCE & GALASSI 1987d: 207 -

--- PESCE + DE LAURENTIIS 1996: 529

Diacyclops crassicaudis cretensis Kiefer

— Kiefer,

— Kiefer, 1978:215

— Pesce, 1985:130

D. --, NAIDENOV 1969: 1065, 1066

D. --, PESCE + GALASSI 1987d: 207-

D. --, PESCE + DE LAURENTIIS 1996: 529

Acanthocyclops crassicaudis cretensis (Kiefer, 1928)<sup>2</sup>

A. -- Lindberg, 1956, p. 101. ~~114~~, 106-108

A. -- Lindberg, 1955, p. 106.

A. -- Lindberg, 1953, pp. ~~149-185~~. 162-163, fig. 1

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

A.; ACADEMIA SINICA, 1979: 363, 370; FIG. 217; ~~255~~ SYN: CYCLOPS  
c. c.; CYCLOPS CRASSICAUDIS TAIPEHENSIS

A. Lindberg, 1952 f: 65

A. - VAR. CRETENSIS, MÄEMETS + VELDRE 1956a: 21, ESTONIA

A. VAR. CRETENSIS, VELDRE + MÄEMETS 1956: 47, ESTONIA

Diacyclops crassicaudis fontinalis

--- Pesce & Galassi 1987d: 207-

Diacyclops crassicaudis lagrecai Pesce & Galassi, 1987

--- Pesce & Galassi 1987d: 209-, figs. 19-24, n. ssp.,  
female only, Italy

--- PESCE + DE LAURENTIIS 1996: 529

Cyclops (Diacyclops) crassicaudis taipehensis  
Harada

— Harada, 1931: 158-159, fig 17-18

D. C. T., KIEFFER 1938j: 70

Diacyclops crassicaudis taipehensis Harada

---, Ueno, 1938, p. 164



Diacyclops crassicaudis trinacriae Pesce & Galassi, 1987

--- Pesce & Galassi 1987d: 211-, figs. 25-31, n. ssp.,  
female only, Italy

..-- PESCE + DE LAURENTIIS 1996: 529

~~AGANTHO~~ - DIA -

Cyclopidae - Cyclopoidea

Cyclops crassicaudoides Kiefer, ♀, ♂

C. - F. Kiefer, 1929, p. 60:

C. - Kiefer, 1928, p. 7-8, figs. 4-8.

A. (DIACYCLOPS) -, LEWIS, M.H. 1975: 275

D. -, PESCE + DE LAURENTIIS 1996: 525

Habitat New Zealand

Diacyclops cristinae Pesce & Galassi 1987

-- Pesce & Galassi 1987c:117-121, figs. 1-6, n. sp.  
♀♂, Latium, central Italy.

Diacyclops cryonastes Morton, 1985

-- Morton, 1985: 623-625, fig. 3a-e, n. sp. Australia

-- Reid et al. 1989: 335

-- FIERIS ET AL. 1996: 79

-- PESCE + DE LAURENTIIS 1996: 525

DIACYCLOPS DIMORPHUS REID + STRAYER

-- REID + STRAYER

-- FIERS ET AL. 1996: 80

Diacyclops disjunctus - see Diacyclops languidus  
disjunctus

Diacyclops dispinosus Ishida, T., 1994

-- Ishida, T. 1994d: 6, 9-12, fig. 3, n. sp. Hokkaido, Japan; female + male; syn. Acanthocyclops venustoides bispinosus of Ishida, 1984

-- ISHIDA 1995: 299, 301, TAB. 1, HOKKAIDO, JAPAN

Diacyclops ekmani (Lindberg, 1950)

Acanthocyclops -, Lindberg 1950g: 283-285, fig. 15,  
n. sp. female only, Lake Somatrippejaure, southern  
Abisko, Swedish Lapland

Diacyclops -, Kiefer 1978: 215

Diacyclops -, Monchenko 1985: 22-24



(languidoides - group)

Diacyclops elegans (Mazepova, 1962)

Acanthocyclops elegans, Mazepova 1962: 174, 180-183,  
Fig. 3, n. sp. female + male, Lake Baikal

A. -, Mazepova 1978: 14, 64-68, FIG. 17 TAB. 9, REDESCR.  
♀♂, LAKE BAIKAL

Diacyclops -, Flössner 1984b: 149, 155-

D. LANGUIDOIDES e., BOXSHALL, FUSTIGNEVA + CLARK  
1993: 106, TAB. 1; also as D. e.

D. e., BOXSHALL + FUSTIGNEVA 1994: 236, TAB. 1,  
LAKE BAIKAL

Diacyclops eulitoralis Alekseyev and Arov, 1986

-- Alekseyev & Arov 1986: 1084-1088, Figs. a-r  
(11 figs. ), new species, Lake Baikal eulittoral;  
female + male

Diacyclops fontinalis (Naidenow, 1969)

Acanthocyclops (Diacyclops) fontinalis, Naidenow, 1969:  
1063-1066, Figs. a-f, Table; n. sp., female + male,  
Stara-Zagora, south Bulgaria

Diacyclops -, Kiefer 1978: 215

D -, PANDOURSKI 1992: 95, CAVES, BULGARIA

D -, PANDOURSKI 1994: 5, CAVES, BULGARIA

D -, PESCE & DE LAURENTIIS 1996: 529

Diacyclops galbinus (Mazepova) 1962

Acanthocyclops -, Mazepova 1962: 174, 186-188, Fig. 5, n. sp. ♀♂

-- Flössner 1984b: 151, L. Baikal

L. BAIKAL

D. LANGUIDOIDES GALBINUS, MONCHENKO 1980: 16

ACANTHOCYCLOPS G., MAZEPOVA 1978: 14, 72-75, FIG. 19 TAB. 11,

REDESCR. ♀♂, LAKE BAIKAL; SYN. D. LANGUIDOIDES

MORAVICUS ŠTERBA.

D. G., BOXSHALL, EVSTIGNEVA & CLARK 1993: 106, TAB. 1

D. G., BOXSHALL & EVSTIGNEVA 1994: 236, TAB. 1,

LAKE BAIKAL

Diacyclops gauthieri Green - see Mesocyclops sp.

DIACYCLOPS HAEMULSI - SEE ACANTHO CYCLOPS  
ISKRE CENSIS.

Diacyclops harryi Reid, 1992

- Reid 1992b: 1445-1453, 1456, 1464, Figs. 11-25, n. sp.  
n. sp. female + male, DC (type locality), NC, MD, PA,  
NY, VA; = D. nearcticus (part); synonymy

-- REID 1992d: 137-

-- REID 1996: 3-4

Diacyclops haueri (Kiefer 1931)

Cyclops H<sub>5</sub> Kiefer 1931: 592, <sup>594</sup> figs. 23-26, NEW HAVEN, CONN. ①

Cyclops H<sub>1</sub>, Kiefer 1931: 220, fig. 3

Cyclops -, Pennak 1963: 359

Diacyclops -, Reid 1988a: 35, 37

C. -, BUNTING 1973: 138, TENNESSEE

D. -, TAYLOR & MAHONEY 1990: 597, RAINBOW BAY, S.C.

C. (D.) -, NISA ET AL. 1987: 128, FIGS. 21-26,  
PAKISTAN (USING YEATMAN KEY!)

D. -, WILLIAMSON 1991: 810

C. (D.) H<sub>1</sub> -, YEATMAN 1959: , FIG. , CONN., OHIO



DIACYCLOPS HAUERI

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

(2)

Diacyclops hispidus Reid, 1988

-- Reid 1988b: 190, 192, 193-200, figs. 1-6a, n. sp. ♀♂,  
Bahia Solano, Colombia

-- REID ET AL. 1989: 334

-- MARTEN ET AL. 1989: 626, COLOMBIA

-- REID 1992b: 1464

-- REID 1992d: 136-

-- FIERS ET AL. 1996: 81, 96

DIACYCLOPS HUMPHREYSI PESCE + DE LAURENTIIS, 1996

-- PESCE + DE LAURENTIIS 1996: 524-530, FIGS. 1-17

N.SP., AUSTRALIA

= D. HYPNICOLA

DIACYCLOPS LANGUIDOIDES HYPNICOLA (GURNEY)

--- PESCE + MAGGI 1983b: 812

---, PESCE, 1984: 22

--- PESCE + MAGGI 1983a: 272-3 (= CLANDESTINUS  
= BADENIAE), 274-276

--- PESCE + LATTINGER 1983: 64, YUGOSLAVIA

CYCLOPS (ACANTHO.) L. H., HARDING + SMITH 1974: 41,  
BRITAIN

= D. HYPNICOLA

2

Cyclops (Diacyclops) languidoides hypnicola Gurney

-- -- --, Herbst, 1951. pp. 251-253, fig. 7

-- -- --, Herbst, 1957. pp. 224, 234-5, fig. 21-22

----, Herbst, 1953, p. 149

Acanthocyclops languidoides var. h., Veldre & Mæmets  
1956: 52

D.L.H., PETKOVSKI 1984: 38, RAISED TO SPECIES  
RANK.

Diacyclops hypnicola (Gurney) 1927 (3)

- D.H., KIEFER 1968b: 159, 167, FIG. 24-~~38~~, ITALY

- PESCE, 1985: 128, 129-131

-- PESCE + GALASSI 1987: 103

-- KIEFER 1981b: 282

-- GALASSI 1991: 319-321, FIGS. 1-5, BEAR LAKE,  
CANADA (1ST RECORD - NORTH AMERICA)

D. LANGUIDOIDES HYPNICOLA, MONCHENKO 1980: 17-19,  
FIG. 2 (5-6), NEW RECORDS, CIS-CARPATIA, UKRAINE

D.H., PETROVSKI 1984: 24, 38-39, FIGS. 30-33, SLOVENIA,  
NEW RANK

DIACYCLOPS HYPNICOLA (GURNEY, 1927)

(4)

-- PESCE + DE LAURENTIIS 1996: 296, ITALY

DIH  
Acanthocyclops hypogeus (Kiefer, 1930) ①

Cyclops (Diacyclops) -, Kiefer 1930: 224-225, figs.  
5-7, n. sp. female only, St. Canzian Cave, Breslau,  
Germany

Diacyclops -, Monchenko 1985: 22-24

Diacyclops -, Kiefer 1978: 215

Acanthocyclops -, Duřđart & Defaye 1985: 93

C. (D.) -, Brancelj 1987: 2

Acanthocyclops -, Strayer 1988(89): 286

A. -, PETKOVSKI + BRANCELJ 1985: 3, SLOVENIA, AS  
" ? HYPOGAEUS "



DIACYCLOPS HYPOGEUS KIEFFER, 1930

A. → HAMER ET AL. 1996: 97, 91

2

Diacyclops ichnusae

Pesce & Galassi

— Pesce & Galassi, 1985: 414 — 416, fig 9-16

... PESCE & GALASSI 1987: 103, 112 <sup>N. SP.</sup> SARDINIA

-- REID 1991d: 271

Diacyclops imparilis Monchenko, 1985

-- Monchenko, 1985: 19-25, figs. 1-13, n. sp. ♂ only,  
Transcaucasia

-- REID 1991d: 271

-- REID 1993: 40

-- STRAYER & REID 1994: 256, 257, 260, 261, TAB. 2

Diacyclops improcerus (Mazepova, 1950) ①

Acanthocyclops -, Mazepova 1950b: 865-866, fig. 1, n. sp.  
female only, Lake Baikal

A. -, Lindberg 1955: 1

A. -, Borutzky 1960: 91, fig. 36(2)

A. -, Mazepova 1978: 14, 78-81, FIG. 21 TAB. 13, L. BAIKAL

Diacyclops improcercus, Monchenko 1986: 338

A. -, MAZEPOVA 1962: 174, LAKE BAIKAL

A. -, SLADCEK 1953: 179.

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

DIACYCLOPS IMPROCERUS (MAZEPOVA, 1950) 2

D.i., BOKSHALY & EVSTIGNEVA 1994: 236, TAB. 1,  
LAKE BAIKAL

Diacyclops incolotaenia (Mazepova 1950)

Acanthocyclops -, Mazepova 1950b: 867, fig. 3, n. sp. /

♀ only, Lake Baikal

A. -, Lindberg 1955: 1

A. -, Borutzky 1960: 87, fig. 35(9)

D. -, Monchenko 1986: 338

A. -, Mazepova 1952: 806, Fig. 2

D. -, Monchenko 1980: 13

A. -, MAZEPOVA 1978: 14, 61-64, FIG. 16, TAB. 8, REDESCR.  
♀♂, LAKE BAIKAL

Diacyclops incolotaenia (Mazepova, 1950)

card 2

Acanthocyclops i., Mazepova 1962: 174, Lake Baikal

D. i., MONCHENKO 1982: 189.

A. i., SLADCEK 1953: 179.

D. i., BOXSHALL, EUSTIGNEVA + CLARK 1993: 106, TAB. 1

D. i., BOXSHALL + EUSTIGNEVA 1994: 236-240, 243,  
FIGS. 1B, 2F, 3D, LAKE BAIKAL

Diacyclops infernus (Kiefer) - see Speocyclops



DIACYCLOPS INSULARIS MONCHENKO, 1982

-- MONCHENKO 1982: 182-189, FIGS. 2, 3, N.SP.

♀ ♂, BLACK SEA

-- MONCHENKO 1986: 339

-- MONCHENKO 1986 b: 6

-- PESCE + GALASSI 1987: 106

-- REID 1991d: 271

-- PETKOVSKI 1984: 37

Diacyclops intermedius (Mazepova 1952)

①

Acanthocyclops -, Mazepova 1952: 805-806, fig. 1, n. sp.

♀ only, Lake Baikal

A. -, Lindberg 1955: 1

A. -, Borutzky 1960: 92, fig. 36(5)

D. -, N. COMB., REID ET AL. 1991: 144

D. -, MONCHENKO 1980: 13

A. -, MAZEPOVA 1978: 13, 58-60, FIG. 14, REDESCR.

♀ ONLY (♂ UNKNOWN), LAKE BAIKAL

A. -, MAZEPOVA 1962: 174, LAKE BAIKAL

Diacyclops intermedius (Mazepova, 1952)

card 2

D. -, Monchenko 1982: 189

ACANTHOCYCLOPS -, SLADCEK 1953: 179.

A. -, BOXSHALL, FUSTIGNEVA & CLARK 1993: 106, TAB. 1

D. -, BOXSHALL & FUSTIGNEVA 1994: 236, TAB. 1, L. BAIKA

Diacyclops iranicus Pesce & Maggi, 1982

— Pesce & Maggi, 1982: 177-181, Fig 1

— Pesce, et al, 1982: 58-60

-- PESCE + GALASSI 1987: 207-

-- PESCE + DE LAURENTIIS 1996: 529

DIACYCLOPS JASNITZKII (MAZEPOVA, 1950)

-- MONCHENKO 1986: 338

ACANTHOCYCLOPS JASNITSKII, MAZEPOVA 1978: 13, 60-61,  
FIG. 15, REDESCRIBED ♀ (♂ UNKNOWN), LAKE BAIKAL

A. JASNITSKII, MAZEPOVA 1962: 174, LAKE BAIKAL

A. JASNITSKII, SLADCEK 1953: 179.

D. LANGUIDOIDES J., BOXSHALL, EUSTIGNEVA & CLARK  
1993: 106, TAB. 1

D. J., BOXSHALL & EUSTIGNEVA 1994: 236, TAB. 1, L. BAIKAL

DIA-

Cyclopidae - Cyclopoid

Cyclops Jeanneli Chappuis ♂, ♀ ①

C. — Chappuis, 1929, p. 52; Vol. 4: figs. 1-2.

C. — Kiefer, 1929, p. 89; 95.

C. (D.) Chappuis, 1931, p. 348: figs. 1-2.

C. — PENNAK, 1963: 359

C. — YEATMAN 1943: 29, 30, 32-33, cf. C. J. PUTEI, n. ssp.

Habitat Marengo Cave, Indiana

C. (D.) — KIEFFER 1931: 612

DIACYCLOPS — REID 1988a: 36

C. — BUNTING 1973: 140

Diacyclops jeanneli (Chappuis)

card 2

-- Williamson 1991:810

ACANTHOCYCLOPS -, DAMIAN-GEORGESCU 1963: 41.

C.j., YEATMAN 1964: 98.

CYCLOPS JEANNELI PUTET YEATMAN, 1943

--- YEATMAN 1943: 31-33, 35, FIGS. 17-20, n. ssp. ♀ ONLY -

--, PENNAK, 1963: 358 WELL, N. CAROLINA

DIACYCLOPS --, REID 1988a: 36

C.j.p., YEATMAN 1964: 98.

D. --, FIERIS ET AL. 1996: 79



Diacyclops karamani (Kiefer, 1932)

Cyclops (Diacyclops) -, Kiefer 1932: 56-58, figs. 19-23

new species, Herzegovina (Jugoslavia), Vjaternica Cav

Diacyclops -, Kiefer 1978: 215

D. -, Brancelj 1990: 18, Jugoslavia

D. -, PESCE & GALASSI 1987d: 207-

D. -, KIEFER 1968: 136-137

D. -, PESCE & DE LAURENTIIS 1996: 529

Diacyclops konstantini (Mazepova, 1962)

Acanthocyclops -, Mazepova 1962: 174, 183-185, Fig. 4,  
n. sp. female + male, Lake Baikal

Acanthocyclops -, Mazepova 1978: 14, 68-77, FIG. 18,  
TAB. 10, REDESCR. ♀♂, LAKE BAIKAL

D. LANGUIDOIDES K., BOXSHALL, EVSTIGNEEVA &  
CLARK 1993: 106, TAB. 1

D. K., BOXSHALL & EVSTIGNEEVA 1994: 236, TAB. 1,  
LAKE BAIKAL

Diacyclops kyotoensis Ito (TAAASHI), 1964

-- Ito, 1964, pp. 129-131, figs. 3a-j, tbl. 12, n.s.p.

♀ ONLY, KYOTO CITY, JAPAN

-- MONCHENKO 1980: 13 -

-- MONCHENKO 1982: 188 -

Diacyclops laisi Kiefer - see Graeteriella

Cyclops (Diacyclops) landei Mahoon & Zia, 1985

-- Mahoon & Zia, 1985, new species, pp. 251, 263-264  
figs 36-39 Punjab, Pakistan

NOTE: THIS IS A MESO. OR THERMO. CIVID

-- LANDII, MAHOON & ZIA 1986: 267, PUNJAB, PAKISTAN

Cyclopidae - Cyclopoida.  
Cyclops languidoides Lilljeborg, ♀.

— — Lilljeborg, 1901, p. 61: pl. 4, f. 10-12.

— — Scourfield, 1903, p. 534.

— — Gurney, 1933, p. 241: fig.

— — F. Kiefer, 1929, p. 62:

— — Tash, 1971, p. 115.

Habitat. British Isles.

--, REED, 1963: 51

- — Kiefer, 1926: fig. 2.  
— — Kiefer, 1931 p. 697: figs. 1 — 3  
-- -- , Ito, 1954, pp. 395-97, Figs. 112-128 Wells Japan  
-- -- Reed, 1962, pp. 27-50.

- , Pesta, 1928, p. 102  
-- , Herbst, 1953, p. 149

Diacyclops languidoides Lilljeborg

-- -- , Ito, 1954, pp. 395-97, Figs. 112-128, Wells Japa.

— — v. clandestinus, Sterba, 1955, p. 1 + 2.

— — —, Ito, 1964, p. 129, tbl. 10

— — —, Herbst, 1968: 67

--, Kiefer, 1957, p. 71

--, Kiefer, 1960, p. 442, 446.

-- Kiefer, 1957, p. 54-59, 60, 61-3, 66

--, Kiefer, 1958, p. 52

- cf. -, Kiefer, 1959, p. 42-44

--, GOURBAULT & LESCHER-MOUTOUÉ, 1979: TAB. 1

--, LESCHER-MOUTOUÉ, 1976b: 93



--, HUSMANN, 1964: 182, 183, 186, 187, 188, 190; TAB. 1

--, HUSMANN, 1971: FIG. 1

(2)

Diacyclops languidoides

--, Lescher-Moutoué, 1977, p. 181

--, Gourbault & Lescher-Moutoué, 1968, p. 736-738

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

--, Husmann, 1976, p. 87, fig. 2

--, Flossner, 1970, p. 277

--, Lescher-Moutoué, 1978-79, p. 86, 87, 98

--, Petkovski, 1972, p. 21-22

--, Kulhavy & Noodt, 1968, passim

0 ... 1979: 2-63

Diacyclops languidoides

card 3

- Pesce & Maggi 1983b: 817, 815 (LANGUIDOIDES - GROUP)
- PESCE + MAGGI 1983a: 272-276
- RÖREN 1970: 115-146, GERMANY
- DUSSART 1981c: 162
- Ito, 1953b: 24, fig 32-37
- Ito, 1953a: 30, fig 37-43
- Pesce, 1980: 565
- Gourbault & Lescher - Moutoné, 1967: 1814
- HUSMANN 1966: 260, 263

Diacyclops languidoides

card 4

-- Monchenko 1986:338, 339

— Kiefer, 1978:215

— Sarvala, 1986:126

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

-- LESCHER-MOUTOUË' & ROUCH, UNDATED.

-- MONCHENKO 1985: 22-24

-- -GRUPPE, RONNEBERGER 1975: 370, GERMANY

-- FLÖSSNER 1985: 515, GERMANY

-- REED 1970: 226-, POSSIBLE RECORD - TYROL

-- LÖFFLER 1961c: 392-, IRAN

Diacyclops languidoides languidoides (Lilljeborg, 1901) 5

--, Lescher-Moutoué, 1978-79, p. 94

--, Pesce & Maggi, 1979, p. 169, 184, 189-190.

— Pesce & Fabrizi, 1979: 63

--- PESCE & GALASSI 1987: 103

--- MAZEPOVA 1978: 65 -

DIA.  
Acanthocyclops languidoides (LILLJEBORG, 1901) CARD 6

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

-- -- Lindberg, 1955, p. 106.

-- -- ~~Lindberg, 1953, pp. 75-81.~~

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

-- -- Lindberg, 1953; pp. ~~149-185~~. 163-166 fig. 2

-- , ACADEMIA SINICA, 1979: 35

-- Gophen, M., 1980. 347

-- Fryer, 1980: tbl. 1

-- Lindberg, 1952f: 65

-- Lindberg, 1953f: 76-77

DIA.

Acanthocyclops languidoides (Lilljeborg, 1901) card 27

A.-- Mäemets & Veldre, 1956a: 17, 21 - Estonia

A.- VELDRE & MÄEMETS 1956: 50-51, PL. VII FIGS. 13-14,  
ESTONIA; pp. 51-53, KEY TO VARIETIES.

A.- BORUTZKY, 1960: 92, FIG. 36 (8)

A. (DIA.) L., LESCHER-MOUTOUÉ & GOURBAULT  
1971: 297

D. -, BRANCELJ 1987: 3, CAVE, YUGOSLAVIA; SYN.

D. LANGUIDOIDES F. OSTICA KIEFER

C. -, BREHA 1988a: 450 -

DIA.

Acanthocyclops languidoides languidoides (Lillj.) 8

---Bothár & Oertel 1977: 41, 44-46

•-• TYP, VELDREY & MÄNNETS 1956: 53

— Damian-Georgescu, 1963: 148-150, fig. 75

— Sterba, 1968: 222



Diacyclops languidoles (Lilljeborg, 1901)

card 59

-- Reid 1988a: 36

ACANTHOOCYCLOPS -, REED 1959: 27, ALASKA,  
CANADIAN RECORDS

A. -, ROSOL & STERBA 1983: 70-

A. -, MAZEPOVA 1950b: 865-, L. BAIKAL

--, ROUCH 1988c: 225-, FRANCE

D. -, REED 1990a: 22-, ROCKY MOUNTAIN NATIONAL PARK

D. - S.L., BRANCELJ 1990: 19, YUGOSLAVIA

D. - S.L., POSPISIL 1989: 223-, VIENNA, AUSTRIA

Diacyclops languidoides (Lilljeborg, 1901) card 10

Cyclops (Acantho.) - (s. str.), Harding & Smith 1974:  
41-, Britain

C. -, TASH 1971: 95-, CAPE THOMPSON, ALASKA

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

D. L., GALASSI 1991: 320 -

D. L., WILLIAMSON 1991: 810

D. L., GLATZEL 1989: 16-, NW GERMANY, GROUNDWATER

D. L., REID 1991 (1992): 2893, 2897, cf. D. ALBUS N.SP.

D. L. TYP., MONCHENKO 1986: 16

Diacyclops languidoides (Lilljeborg, 1901) card 11

D. l. l., Pandourski 1992: 95, caves, Bulgaria

D. l. s. str., MONCHENKO 1982: 188-

-- ISHIDA & KOBAYASHI 1993: 110-111, FIGS. 8, 9,  
KAMCHATKA

-- KIEFER 1968a: 158, 161-172, FIGS. 3-23, N. ITALY,  
CAVES; CF. HYPNICOLA

-- SLADCEK 1953: 179.

D. l. s. l., REID 1993b: 188

D. l. - GROUP, SCHMINKE & NOTENBOOM 1990: 300-301,  
NETHERLANDS

Diacyclops languidoides (Lilljeborg, 1901)

card 12

D. cf. -, Kiefer 195~~4~~<sup>5</sup>: 162-, cave, southern France

D.L.L., PANDOURSKI 1994: 5, CAVES, BULGARIA;

ALSO D.L.S.L.

D.L., GHATZEL 1989b: 21-, TAB. 2a, GERMANY

D.L., PETROVSKI 1984: 136

D.L., PETROVSKI 1984: 24, 32-35, FIGS. 18-20,  
MACEDONIA, SLOVENIA

D.CF. -, KIEFER 1955: 164, NORTHERN ITALY

D.L., FIERS ET AL. 1996: 81

DIACYCLOPS LANGUIDOIDES (LILLJEBORG, 1961)

(13)

- KIEFFER 1963: 143, HUNGARY, A SIMILAR SPECIES.
- CF. -, KIEFFER 1964: 477, 478, AUSTRIA
- PETKOVSKI 1984: 24, 32-35, FIGS. 18-20, MACEDONIA,  
SLOVENIA
- ISHIDA 1989: 1, HONSHU, JAPAN
- ISHIDA + KOBAYASHI 1992: 205-208, TAB. 1, SAKHALIN
- ISHIDA 1995: 299, TAB. 1, HOKKAIDO, JAPAN
- UEDA, OHTSUKA + KURAMOTO 1996: 311
- ROUCH + DANIELOPOV 1997: 135, FRENCH PYRENEES
- CYCLOPS -, BREEMER, VAN, 1907: 43

Diacyclops languidoides (Lilljeborg, 1901) s. l. ①

-- s.l., Reid et al. 1991:133-140, figs. 2-24 female + male, Montana, Colorado, Saskatchewan; PROBABLE

SYNONYM CYCLOPS LANGUIDULUS WILLEY

-- S.L., REID 1991(1992): 2897

-- S.L., MONCHENKO 1980: 13-

-- S.L., PANDOURSKI 1992: 95, CAVES, BULGARIA

-- S.L., REID 1991d: 271

MEGACYCLOPS (DIA.) -, S.L., PLEŠA 1971: 844-,  
CAVES, SWITZERLAND

Diacyclops languidoides (Lilljeborg, 1901) s.l. card 2

-- Pandourski 1994b: 96, Bulgaria

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

Q: KIEFFER 1927: 203, GERMANY

DIACYCLOPS C.F. LANGUIDOIDES-GROUP

-- KIEFFER 1981b: 276, 282-, N. ITALY

LANGUIDOIDES-GROUP, PESCE + GALASSI 1987c:

117-121, D. CRISTINAE N.SP., MEMBER.

LANGUIDOIDES-COMPLEX, REID ET AL. 1991: 140



DIACYCLOPS LANGUIDOIDES ANATOLICUS PESCE, 1992

--- PESCE, 1992: 1, 7-8, FIGS. 8-13, N. 55P, TURKEY

Diacyclops languidoides aprutinus  
Pesce & Fabrizi

— Pesce & Fabrizi, 1979: 64-65, fig. 1

--- PESCE + GALASSI 1987: 103

DIACYCLOPS LANGUIDOIDES BAEJIAE (KIEFER, 1933)

--, ГОДРБАКТЪ ЛЕШЕР-МОУТОУЭ, 1979: TAB. 1

--, Lescher-Moutoué, 1978-79, p. 84, 87, 98

Acanthocyclops l. b., Veldre & Mæmets 1956: 52

D. --, KIEFER 1968 b: 169 -, POSSIBLY = HYPNICOLA

Cyclops (Diacyclops) languidoides badeniae Kieffer, 1933

----, Herbst, 1953, p. 150

DIACYCLOS LANGUIDOIDES BALEARICUS -

SEE D. BALEARICUS

DIA.

Acanthocyclops languidoides cavernicola Lindberg 1950

A. — Lindberg, 1949e: 46

A. — Lindberg, 1950g: 288-291, fig. 17

Arak, Iran.

D. —, MONCHENKO 1980: 16

D. L. CAVERNICOLUS, PETKOVSKI, 1984: 34

DIACYCLOPS LANGUIDOIDES CLANDESTINUS - see D. CLANDESTINUS

Diacyclops languidoides elegans (Mazepova) - see

Diacyclops elegans



Cyclopidae - Cyclopoidea

Cyclops languidoides eriophori Gurney, ♀.

— — Gurney, 1927, p. 503: figs.

— — Gurney, 1933, p. 246: figs. 1726—1735

Habitat. England.

Diacyclops languidoides eriophori (Gurney)

card 2

---Pesce & Maggi 1983a: 272

Acanthocyclops l. var. e., Veldre & Mæmets 1956: 52

CYCLOPS (ACANTHO.) L. E., HARDING & SMITH 1974: 41  
BRITAIN

Diacyclops languidoides gothicus (Kiefer) 1931

CYCLOPS (D.) L. F. GOTICA, KIEFER 1931:

--- Pesce & Galassi 1987: 104

-- F. GOTICA, BRANCELJ 1987: 2, = D. LANGUIDOIDES

-- F. GOTICA, DUSSART & DEFAYE 1985: 90

Diacyclops languidoides var. gracilicaudatus Smirnov,  
1930

--- Flössner 1984b: 156

Acanthocyclops l. var. g., Veldre & Mæmets 1956: 53

A. --, MAZKOVA 1978: 66-

D. G. GRACILLICAUDATUS, PETKOVSKI 1984: 34

Diacyclops languidoides hiberniae (Gurney) 1927

--Pesce & Maggi 1983a: 272

Acanthocyclops l. var. h., Veldre & Mæmets 1956: 53

CYCLOPS (ACANTHO.) L. H., HARDING + SMITH 1974: 41,  
BRITAIN

D. L. H., PETKOVSKI 1984: 34

Diacyclops languidoides hypnicola - see D. hypnicola

Diacyclops languidoides improcerus (Mazepova) - see

Diacyclops improcerus

Cyclops languidoides intermedia Kiefer, 1924

---, Pesta, 1928, p. 105



Diacyclops languidoides italianus (Kiefer) 1931

--- Pesce & Galassi 1987: 103

-- C.F. -, MONCHENKO 1980: 17-19, FIG. 2 (1-4),  
NEW RECORDS, CIS-CARPATIA, UKRAINE

D. l. F. ITALIANA, MONCHENKO 1982: 188-

D. l. F. ITALIANA, DUSSART + DEFAYE 1985: 90

Diacyclops languidoides japonicus Ito, 1952 - see

Diacyclops zschokkei

Diacyclops languidoides jasnitskii - see

Diacyclops jasnitskii

<sup>DIA.</sup>  
Acanthocyclops languidoides var. moravicus (Šterba)

A. — — Šterba 1956, p. 391-2, fig. 13-15. Czechoslovakia.

A. — —, Šterba, 1964, p. 198, spelled Languioides

D. — —, MONCHENKO 1980: 16

D. — —, MAZEPOVA 1978: 72, SYN. OF A. GALBINUS

D. — —, BORSHALL, EUSTIGNEEVA + CLARK 1983:  
106, TAB. 1

D. — —, PETKOVSKI 1984: 37

Cyclopidae - Cyclopoida

Cyclops languidoides nagysalloënsis Kiefer

— — Kiefer, 1927, p. 418; figs. 40-42

— — — PESCE & GALASSI 1987: 103

D. L. HAGYASALLOËNSIS, MONCHENKO 1980: 16

ACANTHOCYCLOPS L. NAGYASALLOËNSIS, MAZEPOVA 1978: 65-

D. —, PESCE 1984b: 294, ITALY

Habitat Hungary

D. —, PETKOUSKI 1984: 34

Cyclopidae - Cyclopoïda  
Cyclops languidoides putealis Chappuis ♀

— — Chappuis, 1928, p. 21.

DIACYCLOPS — —, LESCHER-MOUTOUÉ 1974: 345-348,  
FIGS. 35-52.

D. — —, MONCHENKO 1980: 16

D. — —, PESCE Y GALASSI 1987: 113.

Habitat, France.

D. — —, PETKOVSKI 1984: 34

DIACYCLOPS LANGUIDOIDES SUOENSIS -

JER D. SUOENSIS.

DIA.

Acanthocyclops languidoides var. tantalus (Kief.)

A-- Mazepova 1950: 809, 811

a.--, SLADKOVSK 1953: 179\



Dia cyclops languidoides zschokkei (Graeter) - see

Diacyclops zschokkei

DIACYCLOPS LANGUIDOIDES - GROUP

-- KIEFFER 1968b: 159-, CAVES, N. ITALY

DIACYCLOPS LANGUIDOIDES "A" POSPISIL, 1994

--- POSPISIL 1994: 83- FIG. 15, AUSTRIA (THESIS)

DIACYCLOPS LANGUIDOIDES "B" POSPISIL, 1994

--- POSPISIL 1994: 86; FIG. 16, AUSTRIA

DIACYCLOPS LANGUIDOIDES "C" POSPISIL, 1994

--- POSPISIL 1994: 96; FIG. 18, AUSTRIA (THESIS)

DIACYCLOPS LANGUIDOIDES "D" POSPISIL, 1994

--- POSPISIL 1994: 88; FIG. 17, AUSTRIA

*Diacyclops languidulus* (Willey, 1925)

DIA

Cyclopidae - Cyclopoida.

Cyclops languidus (G.O. Sars), ♀.

— — Sars, 1863, p. 249: 1913, p. 50: pl. 30.

— — Herrick, 1884, p. 154.

— — Herrick, 1895, p. 107: pl. 17, figs. 10-11.

— — Schmeil, 1891, p. 29.

Habitat. Sweden: Germany: France:  
Norway:



- — Richard, 1891, p. 232.
- — Schmeil, 1892, p. 84: pl. 3, f. 9-17.
- — Dr. & Miss Sprague, 1902, p. 255: pl. 31, f. 1-7.
- — T. Scott, 1906, b, p. 349; 1908, c, p. 184.
- — Honigmann, 1910, p. 23.
- — Scourfield, 1893, p. : 1898, p. 324.
- — Scourfield, 1903, p. 534.
- — Claus, 1893, p. 347.
- — Lilljeborg, 1901, p. 59: pl. 4, f. 8-9.
- — Burckhardt, 1913, p. 449.
- — Rehberg, 1880, p. 544
- — Gurney, 1933, p. 236: figs. 1697-1712.

C. languidus (2)

— — F. Kiefer, 1929, p. 61

— — Sars, 1926, p. 342: fig. 1

— — Kiefer, 1923, p. 279: fig. —

- (Cyclops-Diacyclops)-, Pesta, 1928, p. 101-3, fig. 82

--, Lucas, 1929, p. 15

Cyclops languidus Sars ♀

— Kiefer, 1925: 339-343

— — Kiefer, 1928, p. 395:

--, Roen, 1957, p. 96

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

- languidus, Cederström 1893: 150.

Habitat. Ceylon

— Spandl, 1926: 124

-- C. L. A. S. 1893 p. 304 305 311 310

Diacyclops languidus (G. O. Sars)

(4)

- , Kieffer, 1957, p. 71
- , Kiefer, 1957, p. 56, 59, 60, 62, 63, 66
- , Kiefer, 1958, p. 51-2
- , Kiefer, 1958, p. 148
- , Sars, 1863
- , Herbst, 1968, p. 67
- , Leblanc, et al, 1981, pp. 428-431
- Lindberg, 1941e: 484 (= Cyclops (D.) languidus)
- RÖBEN 1970: 115-146, GERMANY
- Pesce, et al, 1982: 60

DIACYCLOPS LANGAIDUS (G.O. SARS)

CARD 5

--, HUSMANN 1966: 254-5

-- Kierke, 1978: 215

-- Sarvala, 1986: 126

-- ROUCHET<sup>AL.</sup> 1968a: 722, KARST-FRANCE

-- MONCHENKO 1985: 22-24

-- RONNEBERGER 1975: 371-, GERMANY

-- FLÖSSNER 1985: 515, GERMANY

-- REED 1970: 226-, POSSIBLE RECORD-TYROL

-- PESCE ET AL. 1987: 179, ITALY

*Acanthocyclops languidus* (SARS)

6

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

-- Lindberg, 1955, p. 106.

--- Lindberg, 1953, pp. 75-81

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

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

--, Sterba, 1961, p. 824

--, Sterba, 1962, p. 899

--, Dussart, 1967, p. 122

--, ACADEMIA SINICA, 1979: 36

— Lindberg, 1953 h: 162

-- LINDBERG 1950 i: 64-69, 71

-- BOTHAR & OERTEL 1977: 41, 42-46

DIA.

Acanthocyclops languidus (Sars)

card 7

A-- Mäemets & Veldre 1956a: 10, 21 - Estonia

A.— Damian - Georgescu, 1963: 146 - 148, fig. 74

A. - BORUTZKY 1960: 92, FIG. 35(8)

A. Sterba, 1968: 222

C. -, FORRO' 1986: 559

A. -, ROSOL & STERBA 1983: 70-

D. -, KIEFER 1981b: 276, N. ITALY

D. -, BRANCELT 1987: 3, 15, CAVE, YUGOSLAVIA

C. -, VAN DOWWE 1909b: 30-31, FIGS. 103-106, GERMANY

DIA.

Aeanthocyclops (Diacyclops) languidus (Sars)

8

A. (D.) Lescher-Moutoue & Gourbault, 1971, p. 297

CYCLOPS-, SCHAUF'S 1908: 167-, GERMANY

D-, ISAIDA, T 1990: 39-, SW JAPAN

D-, BRANCELT 1990: 19, YUGOSLAVIA

D. cf.-, STRAYER 1988(89)b: 197-, SE NEW YORK, USA

D-, WILLIAMSON 1991: 810

D-, REID 1992b: 1464

D-, REID 1991d: 272



<sup>DIA.</sup>  
Acanthocyclops languidus s. str.

9

A., Sterba, 1964, p. 198

A., VELDRE + MÄEMETS 1956: 50, PL. VIII FIGS. 9-12,  
ESTONIA

D. -, STRAYER 1988(89): 288-290, FIG. 7, NEW YORK, USA

CYCLOPS -, ELBOURN 1966: 227 -

CYCLOPS (ACANTHO.) -, HARDING + SMITH 1974: 29,  
FIG. 10c, 12, BRITAIN

D. -, REID ET AL. 1991: 138

D. -, REID 1991(1992): 2893, 2897, CF. D. ALBUS N.SP.

D. -, ISHIDA 1992: 249, FIGS. 1-2, SE ALASKA, NEW RECORD;  
ALSO REPORTS NEW RECORD - MASSACHUSETTS

Diacyclops languidus (G. O. Sars)

card 10

-- Ishida 1993a: 167, Hokkaido

D.l.l., PESCE 1984b: 298, FIGS. 8-13, ITALY

Cyclops l., LUKINA 1953: 18, FIG. 2 (1)

D.l.l., PANDOURSKI 1994: 5, CAVES, BULGARIA

D.l., ISHIDA 1993b: 11, JAPAN

D.l., PETKOVSKI 1984: 24, MACEDONIA

D.l., FIEBS ET AL. 1996: 81, BELGIUM

C.l., KIEFFER 1927: 202, GERMANY

C.l., KIEFFER 1933: 63, TAB. I, GERMANY

DIACYCLOPS LANGUIDUS (G.O. SARS)

(12)

-- JÄRKKÄ ET AL. 1997: 144, TAB. 2, FINLAND

DIACYCLOPS LANGUIDUS (G.O. SARS)

(11)

- PESCE + DE LAURENTIIS 1996: 296, ITALY
- ROUCH + DANIELOPOL 1997: 135, FRENCH PYRENEES
- PETKOVSKI 1984: 24, MACEDONIA
- PETKOVSKI + BRANCELJ 1985: 5, SLOVENIA
- ISHIDA 1989: 1, HONSHU, JAPAN
- ISHIDA 1995: 299, TAB. 1, HOKKAIDO, JAPAN

CYCLOPS -, BREEMEN, VAN, 1907: 42, PL. I FIGS. 54, 55,

NETHERLANDS

- D. -, PETKOVSKI 1984: 24, MACEDONIA
- D. -, PETKOVSKI + BRANCELJ 1985: 5, SLOVENIA

DIACYCLOPS LANGUIDUS ATAVA THALLWITZ, 1922

CYCLOPS L.A., KIEFFER 1927: 203

Diacyclops languidus belgicus Kiefer, 1936

D. l. b., KIEFER 1936:

---, MONCHENKO 1976: 61.

---, Leblanc, et al., 1981, p. 429

— Monchenko, 1976: 54-55, Fig 1-2.

— Sarvala, 1986: 126

ACANTHOCYCLOPS L. B., ŠTĚRBA 1956: 389-90, FIG. 12

A. L. B., ŠTĚRBA 1964: 193, 198

---, ROUCH 1988c: 225, FRANCE

D. l. b., DUSSART + DEFAYE 1985: 84

Diacyclops languidus var. deminutus Sterba, 1954

--- , Sterba 1954: 360-363, figs. 6,7, var. nov.,  
female only, Brünn-Cernovitz, Moravia

Acanthocyclops --, Sterba 1961: 824

A. --, Sterba 1962: 899

A. --, Sterba 1964: 193, 198

A. --, Sterba 1964a: 289, tab. 1

A. --, Sterba 1968: 222

A. DEMINUTUS, NEW RANK, PANDOURSKI 1997: 290.

= DIA. LANGUIDUS DISJUNCTUS  
Diacyclops disjunctus Thallwitz, 1927

I- --, Ito, 1954, pp. 394-95, Figs. 92-111, Wells Japan

-- -- Ito, 1964, p. 126, tbl. 8

— Ito, 1953b: 24, fig. 26-31

— Ito, 1953a: 29-30, fig. 29-36

D. LANGUIDUS DISJUNCTUS, ALEXSEYEV & AROV 1986: 108

D. L. D., NAIDENOV & PANDOURSKI 1992a: 9, CAVE,  
BULGARIA

D. D., ISHIDA 1993a: 168, INO, KOCHI, JAPAN

D. L. VAR. D., ISHIDA & ITO 1991: 77, S. PRIMORYE, E. SIBERIA



Diacyclops languidus disjunctus (Thalw.)  
1927

- , MONCHENKO 1976: 61.  
---, Leblanc, et al., 1981, p. 429  
— Monchenko, 1976: 55-59.  
— Sarvala, 1986: 126

CYCLOPS (D.) L.D., HERBST 1953: 149

D. --, PESCE + LATTINGER 1983: 64, JUGOSLAVIA

D. --, DUSSART + DEFAY 1985: 85; SYNONYMY

D. - VAR. -, ISHIDA 1992: 249

<sup>DIA.</sup>  
Acanthocyclops languidus var. disjunctus (Thalwitzer)

- A. — Lindberg, 1949d: 111-118, fig 5  
— — —, Šterba 1956, p. 391. Czechoslovakia.  
---, Sterba, 1961, p. 824  
---, Sterba, 1962, p. 88, 95 - CZECHOSLOVAKIA  
---, Sterba, 1964, p. 193  
---, Sterba, 1965, p. 207  
— Lindberg, 1956a: 201  
-- VELDRÉ & MÄEMETS 1956: 50, ESTONIA  
— Sterba, 1964a: 289, pl. 1

A. - Sterba, 1968: 222

DIACYCLOPS LANGUIDUS DISTINCTUS (THALCWITZ) 4

CYCLOPS L.D., KIEFFER 1927: 202, GERMANY

DIA. D., UEDA, OHTSUKA + KURAMOTO 1996: 305

D.L.D., ISHIDA + KOBAYASHI 1992: 205-208, TAB.1,  
SAKHALIN PENINSULA

<sup>DIA.</sup>  
Acanthocyclops languidus Linneaus

Lindberg

D. - - Lindberg, 1949d : 111 - fig 4,

DIACYCLOPS LANGUIDUS "F" POSPISIL, 1994

--- POSPISIL 1994: 91, FIG 18, AUSTRIA

DIACYCLOPS LANGUIDUS "F" POSPISIL, 1994

--- POSPISIL 1994: 93; FIG. 19, AUSTRIA

Diacyclops limnobius Kiefer, 1978

D. bicuspidatus limnobius, Kiefer 1978:215

D. limnobius, stat. nov., Alexeev & Popov 1986:106-115,  
figs. 1-5, Tjumen region, Volga Delta, USSR

D. l., ALEKSEEV 1992a: 18-

D. b. l., EINSLE 1989: 82-, GERMANY (LAKE KONSTANZ)



Diacyclops lindae Pesce, 1987/6

-- Pesce 1987: 296-298, figs. 2-7, n.sp. female only,  
well, Trecchina, Maratea, Italy

-- Pesce & Galassi 1987: 103

-- APOSTOLOU & PESCE 1987: 299, SOUTH ITALY

-- PESCE & GALASSI 1987c: 117, cf. D. CRISTINAE

DIACYCLOPS LONGIFURCUS SHEN + SUNG, 1963

ACANTHOCYCLOPS (DIACYCLOPS) -, SHEN + SUNG

1963: 85-86, 95, 96, FIGS. 22-27, N.S.A., TIBET

A.(D.) -, ACADEMIA SINICA, 1979: 362, 372-373,  
FIG. 219.

D. -, REID ET AL. 1991: 144

D. -, PESCE + DE LAURENTIS 1996: 529-530

Diacyclops maggii Pesce & Galassi 1987

-- Pesce & Galassi 1987: 103, 108-109, figs, 15-21, n. sp

♀ only; Italy

Diacyclops michaelseni (Mrazek, 1901) card 1

Cyclops -, Mrazek 1901: 17, pl. 4 figs. 57-60, n. sp.,  
Falkland Islands

Cyclops lobulosus, Ekman 1905: 27-29, pl. 3 figs. 22-24  
n. sp., Tierra del Fuego, Falkland Islands

C. (Acanthocyclops) lobulosus, p. 55-56, and C.  
(Acantho.) Michaelseni, p. 56, Kiefer 1929

Acanthocyclops michaelseni, Lindberg 1949d: 106-109,  
fig. b, c, e, f, g, i, j, Falkland Is., Tierra del Fuego;  
syn. Cyclops lobulosus, new synonymy

A. -, RINGUELET 1955: 444

Diacyclops michaelsoni (Mrazek, 1901)

card 2

Acanthocyclops vernalis michaelsoni, n. comb., Dussart  
1984: 65

A. m., Reid 1985b: 43, figs. 162-164

A. m., Dussart & Defaye 1985: 76, give synonymy

Diacyclops michaelsoni, n. comb., Morton 1985: 624

A. m., Reid et al. 1991: 146

A. m., REID 1992c: 274

A. m., MENU-MARQUE 1991: 142-143, LAGOS FAGNANO,  
YEHUIN & ESCONDIDO, TIERRA DEL FUEGO; SYNONYMY;  
SYN. A. SKOTTSSBERGI, NEW SYNONYMY.

= D. MICHAELSENI

Diacyclops skottsbergi (Lindberg, 1949)

3

Acanthocyclops -, Lindberg 1949d: 109-111, fig. 3a-d,  
n. sp., male only, Patagonia (Chile)

A. -, Lindberg 1954: 214-215

A. vernalis skottsbergi, n. comb., Dussart 1984: 65

A. s., Reid 1985b: 43, figs. 159-161

A. s., Dussart & Defaye 1985: 79, give synonymy

Diacyclops -, n. comb., Morton 1985: 624

A. s., Reid et al. 1991: 145

A. s., REID 1992c: 274

= A. MICHAELSENI, MENU-MARQUE 1991: 142-143.

DIACYCLOPS MICHAELSENI (MRAZEK)

④

-- REID 1993:42, SYN. D. SKOTTBERG1

- . FIERS ET AL. 1996:79

Diacyclops minutissimus (Kiefer, 1933) - see Allocyclo



Diacyclops minutissimus sensu Petkovski, 1954

Speocyclops minutissimus, Petkovski 1954: 22-24, 25,  
Fig. 29-33, Macedonia

Speocyclops minutissimus-Form, Petkovski 1971: 106,  
non Speocyclops minutissimus (Kiefer)

Diacyclops minutissimus n. comb., Monchenko 1985:  
23, 24

D.m., REID 1993: 40, 42

DIA. -

ACANTHOCYCLOPS MIRNYI (BORUTSKY & M. VINOGRADOV  
1957)

A-, BRODSKY, & ZVEREVA, 1976 b: 233

A-, Borutzky, 1962, p. 1106-1107

A-, Borutzky & Vinogradov, 1957: 199-203, fig 1a-g

DIACYCLOPS -, MORTON 1985: 624

D. -, REID ET AL. 1991: 144

A. -, BAYLY & BURTON 1993: 977

D. -, REID 1993: 42

D. -, FIERIS ET AL. 1996: 79

Diacyclops nagatoensis Ito (TAKASHI), 1964

-- -- Ito, 1964, pp. 126-129, Figs. 2a-k, tbl. 9,  
N. SP. ♀ ONLY, DRIVEN WELL IN SHUHO-CHO,  
YAMAGUCHI PREFECTURE, JAPAN

Cyclopidae - Cyclopoida.

Cyclops nanus G.O. Sars, ♀.

— — Sars, 1863

— — , Wells, 1963 p. 25

A synonym of Cyclops diaphanus,  
(Sars, 1913, p. 52).

— — Scourfield, 1903, p. 534; 1904, pl. 2, fig. 6

— — T. Scott, 1898, c, p. 184.

— — (= C. languidus), Schmeil, 1898, p. 151.

--, PENNAK, 1963: 358; PL. 1

1-9

- — Gurney, 1933, p. 248: figs. 1736-1746.  
— — F. Kiefer, 1929, p. 63.  
— — Kiefer, 1926, p. 348: fig. 5.  
~~— — Forbes, 1897, p. 44~~  
— Kiefer, 1925: 339-343  
-- , Roen, 1957, p. 96  
-- , Pesta, 1928, p. 105-7, fig. 87, (Cyclops-Diacyclops)  
-- , Herbst, 1953, p. 150 (Diacyclops)  
-- , EVANKO, 1977: 110 NEW RECORD FOR LAKE ERIE  
-- , Cederström 1893: 150.  
— , Chappuis, 1927: 44  
-- , PATALAS + SALKI, 1984: 616 TAB. I, 628-MANITOBA,  
SOUTHERN INDIAN LAKE  
-- , Coker 1938: 132, fig. 1. White Lake, NC.

Diacyclops nanus (Sars)

2

--, Kiefer, 1958, p. 147-8

--, Kiefer, 1958, p. 52

~~--, Johnson, 1980: 580~~

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

--, Robertson & Gannon, 1981, p. 386-387

— Kiefer, 1978: 215

— Sarvala, 1986: 105-111, 126

-- RONNEBERGER 1985: 371-, GERMANY

-- FLÖSSNER 1985: 515, GERMANY

-- REID 1988a: 36

Diacyclops nanus (Sars, 1863)

card 3

-- Pesce & Galassi 1987: 113

-- BALZER ET AL. 1984: 115, GREAT LAKES

C. -, DAGGETT & DAVIS 1975: 51, NEWFOUNDLAND

D. -, GAUTHIER 1951: 114

C. -, BREHM 1908a: 450 -

D. -, SMITH & FERNANDEZ 1978b: 41, FIGS. 145-150, ONTARIO

C. (ACANTHO.) -, HARDING & SMITH 1974: 32, FIG.  
14 h, j, BRITAIN

-- ISHIDA ET AL. 1991: 62, LAKE KUSSHARO, JAPAN

Diacyclops nanus (Sars, 1863)

card 4

-- Williamson 1991:810

CYCLOPS -, MCKEE & COKER 1940: 179, NORTH CAROLINA

CYCLOPS -, COKER 1938: 76, 77, 85, WHITE LAKE, NORTH  
CAROLINA

D. -, ALEKSEYEV & AROV 1986: 1086

D. -, REID 1991 (1992): 2893, 2897, cf. D. ALBUS n.sp.

D. -, MONCHENKO 1980: 13-

D. -, MONCHENKO 1982: 189

C. -, BOONSOOM 1984: 227-, THAILAND



Diacyclops nanus (Sars, 1863)

card 5

Cyclops -, Navarrete S. & Elias F. 1989: 82, Soyani-  
quilpan, State of Mexico, Mexico

D. -, ISHIDA 1993a: 167, HOKKAIDO


D. -, STRAYER 1985: 356-, MIRROR LAKE, NH, USA

D. -, ISHIDA 1994d: 11, JAPAN

D. -, REID 1993: 42

D. -, ISHIDA + KOBAYASHI 1992: 205-208, TAB.1, SAKHALIN

*Acanthocyclops nanus* (SARS)

*Diacyclops*. 

-- -- Lingberg, 1962, pp. 271-274.

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

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

--, *ACADEMIA SINICA*, 1979: 36

--, Fryer, 1980: Vol. 1

-- LINDBERG 1950: 64, 69, 71

-- MÄEMETS & VELDRE 1956a: 17, 21 - ESTONIA

-- TVP, VELDRE & MÄEMETS 1956: 53-54, Pl. VIII FIGS.  
15-18, ESTONIA

- Damian-Georgescu, 1963: 151-153, fig. 77

Diacyclops.  
CARD 7

DIACYCLOPS  
ACANTHOCYCLOPS NANUS (SAWS)

-- BORUTZKY, 1960: 90, FIG. 36 (1)

-- HOEBEL 1978: 21, 38-41, 44, 87, 113 - MARION LAKE, B.C.

— Sterba, 1968: 222

CYCLOPS -, KIEFFER 1927: 141, ROMANIA

CYCLOPS -, KIEFFER 1927: 202, GERMANY

CYCLOPS -, BREEMEN, VAN 1907: 42-43, PL. I FIGS. 59, 60,  
NETHERLANDS

CYCLOPS LANGUIDUS NANA, PESTA 1928: 105, = C. NANUS

DIACYCLOPS NANUS DIAPHANOIDES (GRAETER, 1903)

CYCLOPS N. D., KIEFFER 1927: 203, GERMANY

DIACYCLOPS NANUS INCERTUS (WOLF, 1905)

CYCLOPS N. I.,

C. N. I., KIEFER 1927: 203, GERMANY

C. N. I., PESTA 1928: 106

ACANTHOCYCLOPS NANUS F. INCERTA, LINDBERG 1950:  
7-10, CHART.

C. (DIA.) N. I., HERBST 1953: 150

A. N. VAR. INCERTUS, MÄEMETS + VELDRE 1956: 21, ESTONIA

" " " " , VELDRE + MÄEMETS 1956: 54, PL. 8  
FIG. 19, ESTONIA

Cyclopidae - Cyclopoida,

Cyclops navus Herrick, ♀.

- Herrick, 1882, p. 229: pl. 5, f. 6-13, 15-17).  
-- pulchellus, var. navus, Herrick, 1884, 151, 152-153.  
-- -- Herrick, 1895, p. 102  
-- navus Herrick, 1884, p. 152.  
-- --, PENNAK, 1963: 359; PL. 1  
A variety of Cyclops pulchellus.  
(Herrick, 1895, p. 102).  
-- --, REED, 1963: 50; FIG. 6 - CANADA

(over)

*C. bicuspidatus*, var. *navus*, Marsh, 1918, p. 776: Text.

*C. navus* Brewer, 1898, p. 133.

Fig. 1219.

-- -- Smith, <sup>T.G.</sup> 1968, pp. 120-139. - CANADA

= DIACYCLOPS NAVUS

Cyclopidae-Cyclopoida.

Cyclops pulchellus Koch

var. navus Herrick ♀, ♂.

C- navus Herrick, 1882, p. 229: pl. 5, fig. 6-13, 15-17.

— pulchellus var. navus Herrick, 1884, p. 151, 152-153.

— — — Herrick, 1895, p. 102.

Habitat. Minnesota:



C. navus Marsh, 1893,

Diaacyclops navus Herrick

2

--, Elgmoerr, 1980, p. 412

-- WALTON 1985: 167, 176

CYCLOPS BICUSPIDATUS -, CARL 1940: 76, BRITISH  
COLUMBIA

CYCLOPS BICUSPIDATUS -, YEATMAN 1943: 27-30, 33-35,  
FIGS. 21-25, WELLS, N. CAROLINA

D. -, WATSON + SMALLMAN 1971a: 855-862, ONTARIO

D. -, WATSON + SMALLMAN 1971b: 1449-1454, ONTARIO

Diacyclops navus (Herrick)

card 3

-- Smith & Fernando 1977: 1874, 1881, figs. 41-43, Ontario

-- REID 1988a: 36

ACANTHOCYCLOPS -, REED 1959: 29-30, FIGS.

G E-H, RECORDS-CANADA

C. (D.) -, KIEFER 1931: 613

-- WATSON 1986: 510-512, ONTARIO

-- MARCUS 1987: 176

-- REID ET AL. 1989: 332-344, FIGS. 1-5, LOUISIANA

- GIVE SYNONYMY -; ALSO MONTANA, NC, IL, MI, CO,  
CANADA, IDAHO, CONNECTICUT

Diacyclops navus (Herrick)

card 4

-- Reid 1989c:616

-- WYNGAARD 1988: 371-

-- SMITH + FERNANDO 1978b: 49-, FIGS. 191-194,

ONTARIO

Cyclops -, BUNTING 1973: 140, N. ALABAMA

-- TORRE 1976: 6-, WISCONSIN

C. (D.) -, NISA ET AL. 1987: 127-, FIGS. 15-20,

PAKISTAN (USING YEATMAN KEY!)

-- WILLIAMSON 1991: 810

Diacyclops navus (Herrick)

card 5

-- Marten 1989:232-, New Orleans, Louisiana

-- ALEKSEEV 1992a: 19-

-- ALEKSEEV 1990b: 19-, DIAPAUSE

-- REID 1993b: 185-

-- MITCHELL, C.J. 1976: 501-, KNOX CO., NEBRASKA

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

-- PANDOURSKI 1994: 11, found a navus-like specimen  
in Bulgaria

-- ANDERSON 1974: 859, TAB.1, W. CANADIAN ROCKIES

DIACYCLOPS NAVUS

6

- WYNGAARD + CHINNAPPA 1982: 492-
- KING, J. ET AL. 1996: 96-116, N. CALIFORNIA, USA
- LEECH + WYNGAARD 1996: 496-499, FLORIDA, USA
- SCANLIN + REID 1996: 104, N. CALIFORNIA, USA
- REID 1996: 4, DC, USA

= DIACYCLOPS

CYCLOPS NEARCTICUS KIEFFER, 1934 1

CYCLOPS (DIACYCLOPS) -, KIEFFER 1934:

C. - PENNAK, 1963: 359; Pl. 1<sup>a</sup>; 354, FIG. 15

C. (<sup>1</sup>) - YEATMAN 1983: 27-28, 30-31, 35, FIGS. 1-8, WELL,  
N. CAROLINA

DIACYCLOPS -, REID 1988a: 36

D. -, REID 1990a: 174, 175, DC/MARYLAND

D. -, STRAYER 1988(89): 290, FIG. 7, NEW YORK, USA

C. -, BUNTING 1973: 140, MISSOURI

D. -, WILLIAMS 1989: 198-, ROUGE RIVER, S. ONTARIO

Diacyclops nearcticus (Kiefer, 1934)

card 2

-- Strayer 1988(89)b:197-, se New York, USA

C. -, YEATMAN 1964: 98

-- WILLIAMSON 1991: 810

-- REID 1992b: 1445-1448, 1449, 1451, 1452, 1453, 1464,  
FIGS. 1-10, REDESCRIPTION FROM TYPE (MASSACHUSETTS),  
SYNONYMY. (SEE D. HARRYI, CHRISAE, SORORUM, +  
ALABAMENSIS)

-- REID 1992d: 136-

-- REID 1991d: 271



DIACYCLOPS NEARCTICUS KIEFER, 1934

3

-- STRAYER + REID 1997:139

Diacyclops neglectus Flössner 1984

-- Flössner 1984b: 151-156, figs. 8-22, n. sp. ♀♂,

Lake Baikal

-- PESCE + GALASSI 1987: 113

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

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

Diaicyclops nuragicus Pesce & Galassi

- Pesce & Galassi, 1985: 412 — 414 fig. 1-8,  
N. SP., SARDINIA
- PESCE & GALASSI 1987: 103
- REID 1991d: 271

*Diacyclops odessanus* - see *D. bicuspidatus odessanus*

Diacyclops palustris Reid 1988

-- Reid 1988a: 31-37, figs. 1-19, n. sp. ♀ only, Rock  
Creek Park, Maryland

-- REID 1990d: 230

-- WILLIAMSON 1991: 810

-- REID 1993b: 188

Diacyclops paolae Pesce & Galassi 1987

-- Pesce & Galassi 1987: 103, 106-108, figs. 8-14, n. sp.

♀ only; Italy

-- REID 1991d: 271

Diacyclops paralanguidoides Pesce & Galassi 1987

-- Pesce & Galassi 1987: 103, 104-106, figs. 1-7, n. sp.

♀♂, Italy

-- PESCE 1985c: 69-71, ITALY

-- PESCE + GALASSI 1987c: 118, CENTRAL ITALY

-- REID 1991d: 271

-- PESCE, GALASSI + COTTARELLI 1995: 98, ITALY

Diacyclops pelagicus Petkovski (1971)

--, Petkovski, 1971, p. 95-100, figs. 38-48

--, Lescher-Moutoué, 1978-79, p. 94

— Kiefer, 1978: 215

D. P. PELAGICUS, PANDOURSKI 1993: 167, TAB. 1



Diacyclops pelagonicus saetosus Pandourski, 1993

--- Pandourski 1993: 165-167, fig. 3, n. ssp. female +  
male, caves, Bulgaria

Diacyclops plattensis Pennak & Ward - see Acanthocyclops

DIACYCLOPS MUC FIERIS IN FIERIS ET AL. 1996

-- FIERIS ET AL. 1996: 76-81, FIGS. 8-10, N. SP.,  
YUCATÁN, MEXICO

DIACYCLOPS RUFFOI KIEFFER, 1981

- KIEFFER 1981: 275-276, 279-282, FIG. 2, NORTH ITALY
- PESCE & GALASSI 1987 d: 207-
- PETKOVSKI 1984: 36
- PESCE & DE LAURENTIIS 1996: 529

Diacyclops sardous Pesce & Galassi 1987

-- Pesce & Galassi 1987: 103, 108-112, figs. 22-28, n. sp.

♀ only; Italy

-- REID 1991d: 271

= DIACYCLOPS

Cyclopidae - Cyclopoida

Cyclops skopljensis

Kiefer ♀, ♂

— Kiefer, 1932, p. 58: figs. 24 - 27.

DIACYCLOPS; KIEFER 1978: 215

D. -, PESCE + GALASSI 1987d: 207-

D. -, KIEFER 1968: 136-137

D. -, PESCE + DE LAURENTIIS 1996: 529

Habitat. Jugoslavia

Diacyclops skottsbergi - see D. michaelsoni

Diacyclops slovenicus Petkovski, 1954

Diacyclops tantalus f. slovenica Petkovski, 1954:17-18,  
figs. 14-18, n. f.

-- Pesce & Galassi 1987: 113

-- BRANCELJ 1987: 3, 4, 15, CAVE, YUGOSLAVIA

-- BRANCELJ 1990: 19, YUGOSLAVIA

-- REID 1991d: 272

-- PETKOVSKI 1984: 135, 136, FIGS. 1-25, SLOVENIA;

NEW RANK.



Diacyclops sororum Reid, 1992

-- Reid 1992b: 1445, 1456-1461, 1464, Figs. 33-58, n. sp.

female + male, Goose Creek, VA (type locality), TX

-- REID 1992 d: 137-, WEST BROOKFIELD, WORCESTER  
Co., MASSACHUSETTS, NEW RECORD.

Diacyclops spongicola (Mazepova, 1962)

Acanthocyclops -, Mazepova 1962: 174, 189-192, Fig. 7,  
new species, female + male, Lake Baikal

D. -, Alekseyev & Arov, 1986: 1085

D. -, Monchenko 1980: 13

Acanthocyclops -, Mazepova 1978: 13, 55-57, Fig. 12,  
REDESCR. ♀♂, LAKE BAIKAL

D. -, Monchenko 1982: 189

D. -, Boxshall, Eustigneeva & Clark 1993: 106-  
TAB. 1

D. -, Boxshall & Eustigneeva 1994: 236, 238, 243, TAB. 1, L. BAIKAL

Diacyclops stammeri westphalicus Kiefer

— Gourbault & Lescher-Moutoué, 1967: 1814

DIACYCLOPS STRIMONIS - SEE ACANTHOCYCLOPS

= DIACYCLOPS

Cyclopiidae - Cyclopoidea

Cyclops stygius

Chappuis, ♂ 1924

1

— — F. Kiefer, 1929, p. 64 :

— — Kiefer, 1928, p. 527 : figs. 40 - 45.

— — Chappuis, 1925, p. 161, CLUJ

— — Chappuis, 1924, p. 27: 2 figs., n. sp., SERBIA

— — Chappuis, 1927: 46

Habitat Serbian Caves

--, MENZEL, 1926: 211, 214

-- MENZEL 1924b: 304.

Diacyclops stygius (~~Kiefer~~) 2

C. - Kiefer, 1927: 141, ROMANIA

— Kiefer, 1978: 215

-- MONCHENKO 1985: 22-24

ACANTHOCYCLOPS STYGIUS STYGIUS, DAMIAN-GEORGESCU

1968: 156-157, FIG. 80

ACANTHOCYCLOPS -, MAZEPOVA 1952: 806

D. -, NAIDENOV & PANDOURSKI 1992a: 10

D. S. S., NAIDENOV & PANDOURSKI 1992b: 33-

D. S., REID 1993: 42

DIACYCLOPS STYGIUS (CHAPPAIS, 1925)

③

ACANTHOCYCLOPS -, PANDOURSKI 1997: 290, 291

Diacyclops stygius (Chappuis, 1924) s. lat. 1

-- s.l., Pandourski 1992: 95, caves, Bulgaria

-- s.l., PANDOURSKI 1992b: 404, CAVE, BULGARIA

--, PANDOURSKI 1993: 166, CAVES, BULGARIA



= DIACYCLOPS

Cyclopiidae - Cyclopoidea

Cyclops stygius deminutus Chappuis ♂♀ ①

— — — Chappuis, 1925, p. 162, ~~Bot.~~ FIG., N. S. A., CLUJ

——— Chappuis, 1927: 46

— — —, MENZEL, 1926: 211

— — — KIEFER 1927: 141, ROMANIA

Habitat. Cluj, Rumania.

Diacyclops stygius deminutus (CHAPPUIS 1925)

(2)

--- Monchenko 1986:339

-- MONCHENKO 1985: 22-24

ACANTHOCYCLOPS --, DAMIAN-GEORGESCU 1963: 157

D. --, ALEKSEYEV & AROV 1986: 1086

D. --, NAIDENOV & PANDOURSKI 1992a: 10

D. --, NAIDENOV & PANDOURSKI 1992b: 33-

Diacyclops stygius macedonicus Petkovski, 1954

---1954. Petkovski, Trajan K., pp. 18-20, figs. 19-22, 28,

— Kiefer, 1978: 215      MACEDONIA

--- NAIDENOV & PANDOURSKI 1992a: 10

--- NAIDENOV & PANDOURSKI 1992b: 33-

ACANTHOCYCLOPS MACEDONICUS, NEW COMB., NEW RANK,  
PANDOURSKI 1997: 285, 290

DIACYCLOMYS SUOENSIS ITO, 1954

D. LANGUIDOIDES SUOENSIS, ITO 1954: 399-401,  
FIGS. 114-148, N.SP., WELLS, JAPAN

D.L.S., ITO 1953a: 30-31, FIGS. 44-48

D.L.S., ITO 1957:

D.L.S., ITO 1962:

D.S., NEW RANK, ITO 1965:

D.S., ~~MIURA~~ ITO & MIURA 1973:

D.S., UEDA ET AL. 1986: 305, 309-31, FIG. 4, CAVE,  
JAPAN; NOT A SYNONYM OF D. CLANDESTINUS.

Diacyclops talievi (Mazepova, 1970)

Acanthocyclops -, Mazepova 1970: 354-361, Figs. 1, 2, n.sp.

female + male, Lake Baikal, Russia

A. -, MAZEPOVA 1978: 12, 44-46, FIG. 8 TAB. 5, REDESCR.

♀♂, LAKE BAIKAL

D. -, BOXSHALL, FUSTIGNEVA + CLARK 1993: 106, TAB. 1

A. -, BOXSHALL + FUSTIGNEVA 1994: 236, 244, TAB. 1,

LAKE BAIKAL

D. -, PESCE + DE LAURENTIIS 1996: 529

A. -, PANDOURSKI 1997: 291

Cyclopidae - Cyclopoida

Diaacyclops tantalus Kiefer ♀.

— — Kiefer, 1937, p. 16: text-figs. 1-4

— — Lescher-Moutou, 1978: 94

— — Kiefer, 1978: 215

— — BRANCELJ 1990: 19, YUGOSLAVIA

-- REID 1992b: 1464

Habitat. Jugoslavia

-- PETKOVSKI 1984: 136, 137

-- PETKOVSKI 1984: 32

Diacyclops tantalus f. slovenica Petkovski - see

Diacyclops slovenicus

DIACYCLOPS TENUISPINALIS SHEN + SUNG, 1963  
ACANTHOCYCLOPS (DIACYCLOPS) -, SHEN + SUNG  
1963: 86-88, 95-97, FIGS. 28-33, N.SP., TIBET  
A.C.D.) -, ACADEMIA SINICA 1979: 363, 373-374,  
FIG. 220.

D. -, REID ET AL. 1991: 144

D. -, FIEERS ET AL. 1996: 79



DIACYCLOPS    THOMASI    CARDS    FOLLOW.

Cyclopidae - Cyclopoida.

Cyclops thomasi Forbes, ♂. ♀.

= C. bicuspidatus thomasi - cf. Yeatman 1944, Am. Mid. Nat. 32 (1): 55

-- Forbes, 1882, p. 649; 1890, p. 707: pl. 2, f. 8.

-- Forbes, 1893, p. 249: pl. 39, f. 9-12; pl. 40, f. 13.

-- Cragin, 1882-3, p. 68; Herrick, 1884, p. 153.

-- Underwood, 1886, p. 332; Forbes, 1891, p. 707.

-- Anderson, 1967, p. 1044, ALBERTA

Habitat, United States.

-- Forbes, 1897, p. 44

-- Anderson 1967: 9; TAB. III, ALBERTA ON T.

-- REED, 1968: 52-53, 58; FIG. 6, ALBERTA, SASK., MAN, P.R.

— — Brady, 1891, p. ~~80~~<sup>150/6</sup>: pl. 6, figs. 1-4, SCOTLAND

— — Sars, 1913, p. 48, made distinct species.

— — <sup>Sars 1918</sup> Herrick, 1895, p. 101 (Syn. of C. pulchellus).

C. T. Cragin, 1883, p. ~~3~~<sup>68-70</sup>: pl. 3. f. 1-13, MASS.

— — Herrick, 1884, p. 151: pl. U, f. 4, 5, 7-8.

a. synonym of Cyclops bicuspidatus.

C. b. t. (Marsh, 1910, p. 1078).  
— — Gurney, p. 225, 1933: figs. 1672-1674, LAKE ERIE

— — F. Kiefer, 1929, p. 59:

— — Kiefer, 1927, p. 264: figs. 3-5

— — i Reed + Olive, 1958. Colorado.

— — Smith, <sup>T.G.</sup> 1968, pp. ~~120-139~~ 134, DELTA MARSH,

MANITOBA, AS C. (ACANTHO.) T.

Cyclops bicuspidatus thomasi (S. A. Forbes) CARD 2

- , Reddell, 1965, p. 156, TEXAS  
--, Anderson and Green, 1975, p. 577, ALBERTA  
--, MAIN, 1962: 46, WHITMORE LAKE, MICHIGAN  
--, HARRIS, 1978: 28, 32, MISSISSIPPI  
--, AMORES-JERREANO, 1978: 2, 3, 4, 5, 19-27, 44, 45-52, 83-84  
FIGS. 2-10, 12-77; TABS. 2, 3, 6, 7, ARKANSAS  
--, HALL & WATERMAN, 1968: 188; TABS. 1, 2, NEW YORK  
--, COMITA & ANDERSON, 1959: 46, WASHINGTON STATE  
--, PENNAK, 1963: 359; PL. 1  
~~---, REED, 1963: 50-53, 58~~

---, Fryer & Smyly 1954: 65-67, NO RECORD

Cyclops bisc

Cyclops bicuspidatus thomasi

--, Leonard & Ponder, 1949, p. 195, pl. V fig. 32, KANSAS

~~—, Hirota, 1969b: passim.~~

— Granath & Esch 1983: passim, 205-, NORTH CAROLINA

---, PATALAS & SALKI 1984: 613, 616, 621, 625-7, 632, MANITOBA

--- DELISLE ET AL. 1985: 137, 138, ONTARIO

--- CHENG-ALATH ET AL. 1984: 427, NOT FOUND - NEW FOUNDLAND

--- EVANS<sup>M.S.</sup>, 1984: 489, 491, LAKE MICHIGAN

--- WATSON & LAWLER 1965: 1335-1343, HEMING LAKE, MANITOBA

--- BRICKER ET AL. 1976: 266, 267, LAKE ST. CLAIR, MICHIGAN

Cyclops bicuspidatus thomasi (S. A. FORBES) card 4

--- Bricker & Gannon 1976: 39, HOOP LAKE, MICHIGAN

--- <sup>JE</sup> GANNON 1974: 32-49, MICHIGAN

--- <sup>JE</sup> GANNON 1975: 79-89. "

--- <sup>JE</sup> GANNON 1976: 90-93. "

--- <sup>JE</sup> GANNON 1980: 101, 103 "

-- J.E. GANNON & GANNON 1975: 222-3, MICHIGAN

-- J.E. GANNON ET AL. 1978: 10-11. "

-- J.E. GANNON & STOCKWELL 1978: 22, 31-32, 67, MICHIGAN

-- J.C. WRIGHT 1966: 89, MONTANA

Cyclops bicuspidatus thomasi (S.A. Forbes)

card 5

--- Cole 1953c: 254, 256 - Douglas Lake, Michigan

--- COLE 1955: 220-230, MINNESOTA LAKES.

--- DINEEN 1953: 360, MINNESOTA

— Simmenstad & Cordell, 1985: 2176-2180, <sup>WASHINGTON STATE</sup> 11

--- ROUCH 1968a: 108

ACANTHO. THOMASI, REED 1959: 29-31, FIGS. 6A-D,  
RECORDS - CANADA: N.W.T., P.Q., JASK., MAN., ALTA.,  
B.C.



Cyclops bicuspidatus thomasi

S. A. Forbes, 1882-6

synonymy in Yeatman, 1944, p. 50.

of Cyclops thomasi Forbes 1882a

--- --, Armitage, 1961. p. 31, 28, KANSAS

Armitage & Jash, 1967, p. 94-102, KANSAS

-- Cole, 1953, p. 208 - MINNESOTA

--, Anderson, 1971, p. 314, 316-319, ALBERTA, B.C., CANADA

--, Anderson, 1970, p. 1345-1348, 1349, 1350, 1351, ALBERTA

--, Anderson, 1970, pp. 1229-31, 1237, 1238, 1239, ALBERTA, B.C.

--, Anderson, 1972, pp. 266-7, ALBERTA

~~---, DANARJESU, 1971,~~

- , Davies & Jensen, 1974, p. 17, NORTH CAROLINA
- , Bishop, 1968, p. 59 ?
- , Brooks & Dodson, 1965, p. 28 ?
- , Tash, Swanson, & Siefert, 1966, p. 427, 431, SOUTH DAKOTA
- , <sup>J.C.H.</sup> CARTER, 1969: 2547-49; FIG. 3, 4, GEORGIAN BAY, ONTARIO
- , <sup>J.C.H.</sup> CARTER, 1971: 223-224, 227; FIG. 4-8, ONTARIO
- , BRANDL & FERNANDO, 1975: 495 - NO RECORD
- , BARDACH, 1954: 50, N.W.T., CANADA
- , BELK & COLE, 1975: 212-213, NO RECORD
- , ELGMORK, 1962: 309, NO RECORD
- , ELGMORK, 1958: 782, NO RECORD

Cyclops thomasi Forbes

card 7

--, Kiefer, 1978, p. 214-216, figs. 1<sup>1</sup>, 2<sup>2</sup>, VANCOUVER IS., CANADA

--, Sutherland, 1982, p. 478, NORTHWEST TERRITORIES, CANADA

-- REED 1964: 692-, CANADIAN LAKES - SASK., P. QUEBEC

-- REED 1970: 490, BLUE LAKE, COLORADO

Diacyclops bicuspidatus thomasi FORBES

8

--, Anderson and Green, 1975, p. 576, fig. 5, ALBERTA

--, CHAMPEAU 1971: 154.

--- WATSON + LAWLER 1965: 1335-1343 (AL CYCLOPS  
(DIACYCLOPS) BICUSPIDATUS THOMASI), MANITOBA

--- GANNON 1981a: 23-36.

--- GANNON 1981b: 1730

--- FLÖSSNER 1984b: 151, L. BAIKAL

CYCLOPS --, COLE + KUBLY 1976: 42, TABLE 27, COLORADO RIVER

--- RAMCHARAN ET AL. 1985: 3215-3217, ONTARIO

--- WATSON + SMALLMAN 1971a: 855

Diaacyclops thomasi (S. A. Forbes) 1882 9

-- Robertson & Gannon, 1981, p. 386-387

-- <sup>JE</sup>GANNON ET AL. 1984: 526-531

-- <sup>JE</sup>GANNON ET AL. 1982: 1-23, 55, 59-60, 73

-- HARTIG & JUDE 1984: 526-532.

-- RIGGS & ESCH 1987: 887-889, BELEWS LAKE, N.C.

-- TAYLOR ET AL. 1987: 2178, 2181-2183, LAKE ONTARIO

D. b. --, REID 1988a: 31, ROCK CREEK PARK, MARYLAND;  
36, IN KEY.

Diacyclops thomasi (S. A. Forbes, 1882)

10

C. bicuspidatus -, Harris, M. J. 1973: 13-, Pl. 8, figs.

45-47, Mississippi

C. THOMASI, KIEFER 1931: 610, 616, 618, GIVES SYNONYMY  
NORTH AMERICA

D. -, BALZER ET AL. 1984: 96-, Pl. 34, GREAT LAKES;  
GIVE SYNONYMY

C. BICUSPIDATUS -, THRELKELD & DIRNBERGER 1986:  
483, 484, 485, TEXAS/OKLAHOMA

D.T., WATSON 1986: 509

Diacyclops thomasi (S. A. Forbes, 1882)

11

Cyclops bicuspidatus -, Warren & Evans 1986: 638, Lake Michigan

Acanthocyclops bicuspidatus -, Chappuis & Delamare Deboutteville 1957: 369-, Lake Erie

-- RRED & ARONSON 1989: 67-76, RESERVOIRS, COLORADO

A. B. THOMASI, WILLIAMS, D.D. 1983: 243-, ONTARIO

C. B. THOMASI, CANTON & WARD 1981: 25-, COLORADO

C. B. THOMASI, M.E. PEREIRA 1988: 2, COCHRAN LAKE, MICHIGAN

C. B. THOMASI, LAWLER & WATSON 1958: 210-, MANITOBA

Diacyclops thomasi (S. A. Forbes, 1882)

card 12

-- Reid et al. 1989: 335

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

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

C. BICUSPIDATUS -, GONZALEZ DE INFANTE 1988: 67

C. B. -, WATSON 1963: 282-, MANITOBA

D. B. -, SMITH + FERNANDO 1978: 49-, FIGS. 186 -  
190, ONTARIO

D. B. -, SOLLBERGER + MEADOR 1990: 201-, TEXAS STREAM



Diacyclops thomasi (S.A. Forbes, 1882)

card 13

Cyclops bicuspidatus -, Peacock & Smyly 1983:250-,  
British Columbia

-- REED 1990a: 22-, ROCKY MOUNTAIN NATIONAL PARK

D. BICUSPIDATUS-, HERZIG 1983: 71-

D. t., REID 1990d: 230

C. B.T., J. CARTER 1974: 421-434, ONTARIO, CANADA

D. B.T., BRANDL 1973: 85-

D. B.T., MAIER 1990a: 485-

C. T., BUNTING 1973: 139, TENNESSEE

Diacyclops thomasi (S.A. Forbes, 1882)

card 14

Cyclops bicuspidatus thomasi, Malley et al. 1988:2240-,  
Ontario

C. b. t., MALY 1984:323, QUEBEC

D. b. t., MADDOX ET AL. 1987:166-, ARIZONA

C. b. t., HAURY 1981:7-, COLORADO RIVER, ARIZONA

D. t., TORRE 1976:2-, FIG. 1, 2K, WISCONSIN

CYCLOPS (ACANTHO.) b. t., HARDING & SMITH 1974:40-,  
BRITAIN

C. b. t., ORSI & MECUM 1986:330, SACRAMENTO DELTA, CALIF.

D. t., ALEXEEV & POPOV 1986:106-

Diacyclops thomasi (S.A. Forbes, 1882)

card 15

Cyclops bicuspidatus t., Nisa et al. 1987:130-

D.T., KRIEGER + KLARER 1991: 260-, LAKE ERIE MARSH

D.T., BUR + KLARER 1991: 87-, LAKE ERIE

C.B.T., COWELL ET AL. 1975: 320-, FLORIDA

— Wong & Sprules, 1986: 80-88

D.T., REID 1992a: 251

D.T., WARD, J.V. ET AL. 1992: 357-, TABLE 4, SOUTH  
PLATTE RIVER, COLORADO, USA

D.T., LESCHER-MOUTOUÉ' 1996: 907-

Diacyclops thomasi (S.A. Forbes, 1882)

card 15

-- Reid et al. 1991:133, Montana (Flathead)

-- WILLIAMSON 1991: 809-, FIG. 21.7M

D.b.t., ~~MCKEE~~ & COKER 1940: 179-, NORTH CAROLINA

C.b.t., SCHINDLER & NOUÉN 1971: 249-, ONTARIO, CANADA

D.t., CORDELL ET AL. 1992: 262, COLUMBIA RIVER, USA

C.b.t., CZAİKA 1978: 19-, LAKE ERIE

C.b.t., CZAİKA 1978b: 1-, LAKE ONTARIO

C.b.t., CZAİKA 1982: 114-, FIGS. , DEVELOPMENT;  
MICHIGAN; LAKE ONTARIO

= DIACYCLOPS

CARD 17

ACANTHOCYCLOPS (DIACYCLOPS) THOMASI (FORBES, 1882)

A.J. ACADEMIA SINICA, 1979: 362, 367-369; FIG. 215; SYN:

CYCLOPS T. ; C. (A.) BICUSPIDATUS T. ; ACANTHOCYCLOPS

BICUSPIDATUS ; DIACYCLOPS T.

D. T. SHEN + SUNG 1965c: 388-, NW CHINA

(Z.C.D.)<sup>b</sup>, T.

~~D.T.~~, HAMMER 1993: 111-, ALBERTA/SASKATCHEWAN, CANADA,

TABLE 2

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

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

Diacyclops thomasi (Forbes, 1882)

card 18

Cyclops bicuspidatus thomasi, Moreira, G. & Vernberg

1978: 454

D.T., WARD ET AL. 1994: 14, MONTANA, USA

D.b.T., ANDERSON 1974: 859, TAB. 1, WESTERN CANADIAN  
ROCKIES.

D.b.T., WYNGAARD + CHINNAPPA 1982: 507

D.T., WYNGAARD, TAYLOR + MAHONEY 1991: 222-230, SOUTH  
CAROLINA, USA

C.B.T., MALLEY + CHANG 1995: 276-285, ONTARIO, CANADA

DIACYCLOPS THOMASI (S.A. FORBES, 1882) 19

CYCLOPS B.T., WYNGAARD + CHINNAPPA 1982:494-

C. B.T., BINFORD 1978: 2527-2528, TABS. 4, 5,  
LOUISIANA, USA

D.-, SAVINO + HUDSON 1995: 154-160, MICHIGAN, USA

D.-, REID 1996: 1, 4, DC, USA

D. b.T., CARTER ET AL. 1980: 1367, 1381, FIG. 17, TABS. 1, 2,  
NE USA, SE CANADA

C.T., HERRICK 1887: 14, ALABAMA, USA

Diacyclops uruguayensis (KIEFFER, 1935)

--Dussart 1984: 65

-- REID 1985b: 42, FIGS. 156-158

-- REID 1988b: 194

-- REID 1992b: 1464



Diacyclops versutus (Mazepova, 1962 )

Acanthocyclops -, Mazepova 1962: 174, 188-189, Fig. 6,  
n. sp. female + male, Lake Baikal

D.- Monchenko 1980: 13

Acanthocyclops v., Mazepova 1978: 14, 75-78, FIG. 20

TAB. 12, REDDESCR. ♀♂, LAKE BAIKAL

D.-, MONCHENKO 1982: 189

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

D.-, BOXSHALL + EUSTIGNEVA 1994: 236, 237, 238, 239,  
FIGS. 1D, 2B, LAKE BAIKAL

DIACYCLOPS VIRGINIANUS REID, 1993

-- REID 1993: 36-45, FIGS. 1-3, N. SP.,  
VIRGINIA, USA

-- FIERS ET AL. 1996: 80-81

Diacyclops yeatmani Reid 1988

Cyclops clandestinus, Yeatman 1964: 95-98, figs. 1-22,  
n. sp. ♀♂, Tennessee & Illinois

Diacyclops yeatmani, Reid 1988a: 36, nomen novum

-- REID 1990d: 230

C. CLANDESTINUS, BUNTING 1973: 138, TENNESSEE

D. Y., WILLIAMSON 1991: 810

Diacyclops yezoensis (Ito, 1954<sup>3</sup>)

Speocyclops -, Ito 1954: 406-408, figs. 175-180, n. sp.,

wells, Japan

S. -, Ito 1953b: 25-26, figs. 43-47

Diacyclops -, Monchenko 1985: 22-24, D. y. comb. nov.

S. -, ISHIDA 1992: 249-251, FIGS. 3-8, SE ALASKA,

NEW RECORD

D. -, ISHIDA 1994b: 125-, TOKYO, JAPAN

D. -, ISHIDA 1994d: 8, 11, JAPAN

D. -, REID 1993: 40, 42.

D. - ISHIDA 1995: 299, TAB. 1, HOKKAIDO, JAPAN

DIA

Cyclopidae - Cyclopoida

Cyclops zschokkei (Graeter) ♀.

— — Graeter, 1910, p. 42: figs. 18-19.

— languidoides var zschokkei, Štěrba, 1956, p. 391.

Habitat, Subterranean waters.

Diacyclops zschokkei (Graeter, 1910)

card 2

Cyclops (Diacyclops) languidoides zschokkei, Herbst  
1953: 150

D. z., Kiefer 1958: 52

D. l. z., Lescher-Moutoué 1974: 340-345, figs. 14-34

D. l. z., Pesce & Fabrizi 1979: 63

D. l. z., Pesce et al. 1982: 60-61

D. l. z., Pesce & Maggi 1983a: 272, 274-276

D. l. z., Pesce & Maggi 1983b: 812

D. z., Pesce & Galassi 1987: 103, 113, figs. 35-41, Ital

SYN. D. LANGUIDOIDES JAPONICUS ITO  
CIT.

Diacyclops zschokkei (Graeter, 1910)

card 3

Diacyclops languidoides japonicus, Ito 1954: 397-399,  
figs. 129-137, wells, Japan

D. l. j., Ito 1952: 118-119, figs. 15-21, n. sp., Japan

D. l. j., Ito 1964: 129, tab. 11

D. l. j., Ito 1953a: 31-32, figs. 49-53

Cyclops (Diacyclops) languidoides Zschokkei, Kiefer 1935:  
134-136, Figs. 6-8, upper Rhine

D. z., GALASSI 1991: 320 -

D. z., PANDOURSKI 1994: 5, CAVES, BULGARIA

DIA.  
Acanthocyclops languidoides zschokkei

(4)

- A. --- Lindberg, 1962, pp. 271-274.  
| --- Lindberg, 1956, p. 114.  
--- Lindberg, 1955, p. 106.  
--- Lindberg, 1955, p. 192.  
--- Lindberg, 1950, pp. 7-10, chart.  
--- Lindberg, 1953, pp. ~~149-185~~. 166-168, fig. 4  
--- Lindberg, 1952 f: 64-65  
--- Sterba, 1964: 198 typo?  
--- Lindberg, 1955a: 59-62  
| --- ROUCH 1968a: 99  
| --- MAZEPOVA 1950: 809, 810



= DIACYCLOPS

(5)

Acanthocyclops languidoides zschokkei

?A. languoides z., Sterba, 1964, p. 198

D. L. ZSCHOKKEI, MONCHENKO 1980: 16, SYN. D. L.  
JAPONICUS.

D. L. ZSCHOKKEI, MONCHENKO 1982: 188-

A. L. VAR. ZSCHOKKEI, SLADCEK 1953: 179.

D. z., PETROUSKI 1984: ~~38~~ 24, 35-36, FIGS. 21-23,  
MACEDONIA; NEW RANK; SYN. D. COHABITATUS,

D. LANGUIDOIDES JAPONICUS

DIACYCLOPS ZSCHOKKEI (GRAETER)

⑥

CYCLOPS LANGUIDOIDES Z., KIEFFER 1933:61

D. Z., NEW RANK, PETKOVSKI 1984: 24, 35-36, FIGS. 21-23,  
MACEDONIA; SYNS. D. COHABITATUS, etc.; p. 36 - SYN.

~~D. Z.~~, D. LANGUIDOIDES JAPONICUS, NEW SYNONYMY

Diacyclops sp.

①

- , Kiefer, 1957, p. 54
- , Kiefer, 1976, p. 112
- , Flossner, 1966, p. 225
- , Pesce & Maggi, 1979, p. 169, 186.
- WALTON 1985: 167, 176
- Ito, 1953b: 24-25, fig. 38-42
- HUSMANN 1966: 260

CYCLOPS (DIACYCLOPS) SP., WILLIAMS, D.D. 1983: 248-

ONTARIO

- GLATZEL 1989: 16-, NW GERMANY, GROUNDWATER
- PANDOURSKI 1994: 5, CAVE, BULGARIA

DIACYCLOPS SP.

(2)

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

-- FIERS ET AL. 1996: 81

-- HUNT + STANLEY 1997: 140, OKLAHOMA, USA

DIACYCLOPS sp. "A"

- WATSON & SMALLMAN 1971a: 856-862, ONTARIO
- "A", WATSON 1986: 510-512, ONTARIO
- ALEKSEEV 1992a: 19-
- sp. 2, ALEKSEEV 1990b: 58-, DIAPAUSE
- sp. A, KING, J. ET AL. 1996: 96-116, N. CALIFORNIA, USA

Cyclops (Diacyclops) sp. Gauthier, 1951

--- Gauthier 1951:113-114, Pl.31 figs. A-D, Senegal

Diacyclops sp. (stygius-group) Pandourski, 1994

---- Pandourski 1994b: 106-, Fig. 6A-G, Bulgaria

DIACYCLOPS SPP.

- BOXSHALL + EVSTIGNEVA 1994: 236-240, FIGS.

1A, C, 2A, C, 3B, F, LAKE BAIKAL