

Cyclopidae - Cyclopoida

in  
Eucyclops.

Claus, 1893

♂,  
E. serrulatus.

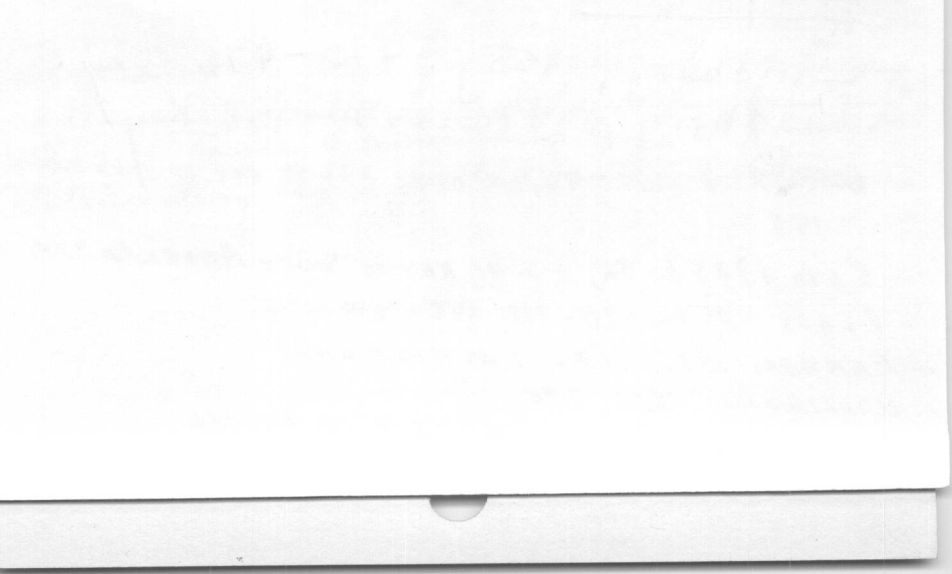
Syn. Eucyclops Claus, 1893, p. 348,  
Heptocyclops Sars, 1914, p. 71.

- Damian-Georgescu, 1963: 71-72

# Σ cyclops

2

- Lindberg, 1955g: 470-476 Key.
- Lindberg, 1957a: 149-158 Key
- ~~BO~~RUTZKY 1960: 72, IN KEY; 77-80, KEY TO SOME SPP.;  
158
- REID 1985b: 32, 37-41, KEY TO SOUTH AMERICAN SPP.
- CLAUS 1893e: 311-315, 348-DIAGNOSIS
- FERRARI 1991: 117-, DEVELOPMENT
- WILLIAMSON 1991: 795-
- MAZEPOVA 1978: 11, IN KEY; SPP. IN BAIKAL



Eucyclops Claus, 1893

card 3

- Morton 1990: 657-, revision + key, Australian species

- REID 1994b: 347

= EUCYCLOPS

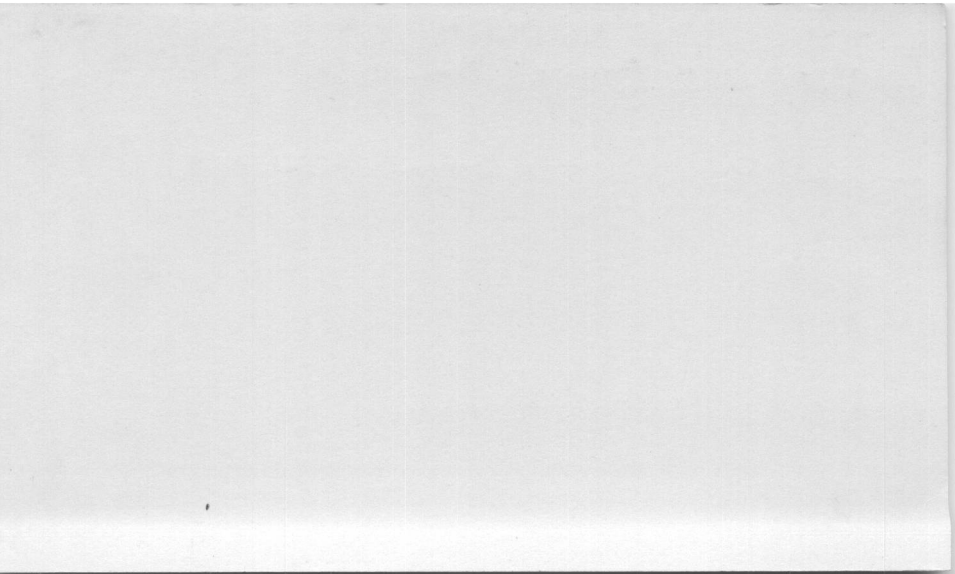
Cyclopidae - Cyclopoida

Cyclops acanthoides Douwe ♀

— — Douwe, 1914, p. 27: pl. 5, figs. 1-9.

EUCYCLOPS —, DUMONT + VERHEYE 1984: 320

Habitat. Central Africa,



*Euryclops acanthoides*

2

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 475

-- DUSSART 1981k:161

Eucyclopinae - Cyclopoidea

Eucyclops agilis (Koch) ♂, ♀

— — Koch, pt. 21, pl. 3, 1838.

— — Wilson, 1932, p. 338: fig. 201.

— — Reed & Olive, 1958. Colorado.

-- -- Smith, 1968, pp. 120-139.

-- -- Reed, 1962, 27-50.

-- -- Tash, 1971, p. 109-112.

Habitat. Europe; Asia; Algeria; Azores; N. America;  
Australia; Zealand;

--, Anderson, 1971, p. 315, 316, 317, 319

--, Anderson, 1970, p. 1346



--, Anderson, 1974, p. 859

--, Wilson, 1960, p. 164

--, Anderson and Green, 1975, p. 576

Eucyclops agilis

- Tash, 1967, p. 134.
- Tash, Swanson, Siefert, 1966, p. 431.
- , HARRIS, 1978: 28, 32, 33, 34
- , ACADEMIA SINICA, 1979: 321
- , BERK & COLE, 1975: 212
- , CUZON DU REST, 1963: 139, 153
- , COMITA, 1951: 368, 370, 374, 377; TAB. 1
- , PENNAK, 1963: 356, 358; PL. 1
- , REED, 1963: 51
- , COLE 1968: 468.

Eucyclops agilis (Koch) 1838

- Leonard & Ponder, 1949, p. 196-197, pl. V fig. 33, <sup>F.</sup>KANSA
- , Robertson & Gannon, 1981, p. 386-388.
- Foyer, 1980 : 43-44
- Smyly, 1955: 636-638
- , PATALAS + SALKI, 1984: 616 TAB. 1, 628
- RYAN 1984: 413, 414
- SIEGFRIED + KOPACHE 1984: 21, 36
- EVANS 1984: 490, 491
- WATSON + LAWLER 1965: 1337

Eucyclops agilis (Koch)

card 3

- Bricker et al. 1976: 267.
- GANNON 1974: 32-49.
- WHITMAN 1984: 698, TEXAS.
- SAGE ET AL 1976: 85, 86, TABS. 1, 2 - POTOMAC RIVER
- COLE 1955: 220-230, MINNESOTA LAKES.
- COLE 1957: 93-100, KENTUCKY LAKE
- DORRIS 1958: 96, ILLINOIS
- Tinson & Laybourn-Parry, 1985: 257-263
- SOOKSRI 1967: 8, 22, 30-33, 37-64, FIGS. 10, 11 - as host of  
Gnathostoma spinigerum

EUCYCLOPS AGILIS (KOCH)

CARD 4

- , HOEBEL 1978: 21, 44 - BRITISH COLUMBIA  
--, REID 1985b: 37, SYN. OF E. SERRULATUS (FISCHER)  
CYCLOPS -, ELBOURN 1966: 333, ENGLAND

— Steinitz-Kannan, *et al.*, 1983: 90 Ecuador

-- REID 1987d: 694, MARYLAND

-- REED 1964: 692 -, ILE A LA CROSSE LAKE, CANADA

-- REED 1970: 490, BLUE LAKE, COLORADO

-- REED 1959: 26 -, RECORDS - ALASKA, CANADA

Eucyclops agilis (Koch)

card 5

-- Harris, M. J. 1973: 12-, Pl. 6 Figs. 34,35 -  
Mississippi

-- SHIOZAWA 1986: 1657-, MINNESOTA

-- BALGER ET AL. 1984: 115, FIG. 91, GREAT LAKES;  
SYN. E. SERRULATUS

-- DAGGETT & DAVIS 1974b: 677-, NEWFOUNDLAND

-- DAGGETT & DAVIS 1975: 51-, NEWFOUNDLAND;  
= E. SERRULATUS

-- GOPHEN 1986: 297, = E. SERRULATUS

Eucyclops agilis (Koch)

card 6

C. -, Forró 1986: 559

E. a., REID 1988d: 314, WASHINGTON, D. C.

E. a., LAWLER + WATSON 1958: 211-, MANITOBA

-- , MARTEN ET AL 1989: 626, COLOMBIA

-- WATSON 1963: 282-, MANITOBA

-- REID 1990b: 175, DC

-- HARDING 1955: 219, 240, BOLIVIAN ANDES

-- SUAREZ, F. ET AL. 1986: 315, LAGUNA DE CATEMANA,  
VERACRUZ, MEXICO

Eucyclops agilis (Koch)

card 7

-- Lemly & Dimmick 1982a:302-, North Carolina

-- BURRELL & ZWERNER 1972: 140, CHESAPEAKE BAY

-- BUNTING 1973: 139, TENNESSEE

-- COX & HENDRICKSON 1991: 39

-- B. SMITH & REIF 1985: 125, BEAR LAKE, PENNSYLVANIA

CYCLOPS -, ELBOURN 1966: 229 -

CYCLOPS -, GRAINGER 1974: 53-61, IRELAND

C. (E.) - S. STR., HARDING & SMITH 1974: 34, FIG. 15e,  
BRITAIN



Eucyclops agilis (Koch)

card 8

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

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

-- REID 1990g:180; J.H.E. SERRULATUS

-- KRIEGER & KLAPER 1991:260-, LAKE ERIE MARSH

-- COWELL ET AL. 1975:320-, FLORIDA

-- Whitman, Gochee & Ruckmann, 1988:1045

-- SHIOZAWA 1991:289-, MINNESOTA

-- WILLIAMSON 1991:809-, FIG. 21.7b

C. -, MCKEE & COKER 1940:178-, NORTH CAROLINA

Eucyclops agilis (Koch)

card 9

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

-- REID 1992a: 236, 251

-- POTTS & COWELL 1993: 31, LAKE PADGETT, FLORIDA

-- REID 1991d: 262-, = SERRULATUS

-- TAYLOR ET AL. 1993: 136-, L LAKE, S. CAROLINA, USA

-- REID 1993(1994)a: 60-, CENTRAL BRAZIL

-- STRAYER 1985: 357, MIRROR LAKE, NH, USA

-- CZAIKA 1974b: 12

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

-- WYNGAARD, TAYLOR & MAHONEY 1991: 222-230, S. CAROLINA, USA

EUCYCLOPS ACHLIS (KOCH)

CARD 10

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

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

CYCLOPS -, S. A. FORBES 1882: 649, MICHIGAN, USA

CYCLOPS -, S. A. FORBES 1890: 710, LAKE SUPERIOR

E. -, PROPHET ET AL. 1959: 189, KANSAS, USA

E. -, REID 1996: 1, 4, DC, USA

CYCLOPS -, REHBERG 1880: 303

CYCLOPS -, REHBERG 1884: 3-16, SYN. C. SERRULATUS

E. -, WYNGAARD ET AL. 1997: 4-7, TAB. 1, MARYLAND, USA

Eucyclops agilis montanus

-- Tash, Swanson & Siefert, 1966, p. 431. -  
SOUTH DAKOTA

--, HARRIS, 1975: 28, 32, 33

--, Shiozawa, 1978: passim

-- HARRIS, M. J. 1973: 12-, PL. 6 FIG. 36 - MISSISSIPPI

--- WILLIAMS 1989: 202-, ROUGE RIVER, S. ONTARIO

--- DAWES ET AL. 1987: 190-, FLORIDA

--- REID 1992a: 251

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

EUCYCLOPS AGILIS SPERATUS - SEE SPERATUS

- EUCYCLOPS

Cyclopidae Cyclopoida

Cyclops agiloides G. O. Sars, ♀. ①

C. — Sars, 1909, p. 59: pl. 20, figs. 183-188.

C. — Cunningham, 1915, p. 83.

C., Kiefer, 1952, p. 85

C., Chappuis, 1922: 169-170

Habitat. Lake Albert Nyanza.  
Lake Tanganyika.

Eucyclopinæ - Cyclopoida

Eucyclops agiloides

S.O. Sars ♀, ♂

(2)

— — F. Kiefer, 1929, p. 32

— — Kiefer, 1928, p. 545: figs. 16 - 19.

— — Kiefer, 1932, p. 242: figs. 20 - 23.

— — Kiefer, 1933, p. 549: 42 - 45

-- -- Lindberg, 1940<sup>a</sup>, pp. 173-195 (passim).

Habitat Africa, Sudan, Tanganjika

-- -- Lindberg, 1939, pp. 816-819.

— Lindberg, 1939 f: 376 - 377

— Lindberg, 1947 a: 81

--, Kiefer, 1956, p. 264

-- BROOKS, J. 1950: 157 - distribution

-- DUSSART 1981c: 162

-- LÖFFLER 1961c: 393

-- BOXSHALL & BRAIDE 1991: 186, FIGS. 22-24, NIGERIA

-- DEFAYE 1988: 104, TAB. 1, ETHIOPIA; FIGS. 45-48.

-- PESCE & GALASSI 1987d: 201



Eucyclops alticola Kiefer, 1957

n. sp. Kiefer, 1957, pp. 135-~~8~~ 7, figs. 16-23.

-- DUSSART 1984: 64

-- REID 1985b: 38, FIGS. 105-107

- CF. ALTICOCA, PETROUSKI 1988: 40-44, COLOMBIA

-- DEL RIO & VALDIVIA 1989: 73-, PLATE 1 (2-3),  
PERU

Eucyclopiinae - Cyclopoidea

Eucyclops angustus (O. Sars) ♀, ♂

— — Kiefer, 1929, p. 37:

-- -- Lindberg, 1955, pp. 471-476.

-- -- ~~Lindberg, 1955, pp.~~

--, Kiefer, 1956, p. 245, 248-250, figs. 7-14

--, Kiefer, 1956, p. 264

Habitat Africa

--, LINDBERG, 1955: 470, 472

-- BROOKS, J. 1950: 157, distribution

Eucyclops arcanus Alekseev, 1990

-- Alekseev 1990: 135-139, figs. 1,2, n. sp. female +  
male, Baikal region and northern Russian tundra

Eucyclops ariguanabensis Brehm, 1949.

-- -- Lindberg, 1955, p. 484. - 485

-- --, Smith & Fernando, 1978, passim

-- --. - Straskraba, 1969: 8.

-- SMITH & FERNANDO 1980a: 11

- ARIGUANOBENSIS, PETROUSKI 1988: 43

-- -- COLLADO ET AL. 1984: 115 -, DISTRIBUTION

-- REID 1990g: 180

-- REID 1992a: 238

Eucyclops australiensis Morton, 1990

-- Morton, 1990: 657, 658, 660-662, n. sp. female +  
male, Australia; syn. Eucyclops sp. nov. of Timms &  
Morton, 1988

-- TIMMS & MORTON 1988: 163

Eucyclops baylyi Morton, 1990

-- Morton 1990: 657, 658, 665-666, Figs. 4a-d, n. sp.  
female only, Australia; synonym E. nichollsi of  
Bayly, 1964

Eucyclops birmanus

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1949 ~~pp. 39-46~~. : 39-42, fig. 1a-

--, LINDBERG, 1955: 474

-- DUSSART & FERNANDO 1985: 202-203

-- MORTON 1990: 666

Eucyclops birmanus aequatorialis Dussart & Fernando 1985

--- Dussart & Fernando 1985: 202-203, figs. 1-7, n. ssp.

♀♂, Papua New Guinea



Cyclopidae - Cyclopoidea

Eucyclops bondi Kiefer ♀.

— — Kiefer, 1934, p. 228; fig. 4

---- Lindberg, 1955, p. 484.

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 470, <sup>475</sup> 484-485

--, Smith & Fernando, 1978, passim

Habitat. Hayti.

-- DUSSART 1984: 56

-- SMITH & FERNANDO 1980a: 11, 15, FIG. 6H - CUBA

-- SMITH & FERNANDO 1980b: 12, FIGS. 45, 48 - CUBA

Eucyclops bondi Kiefer, 1934

card 2

-- Reid 1988b: 192, 193, Colombia, Guatemala

-- PETROUSKI 1988: 43-

-- MARTEN 1989: 626, COLOMBIA

-- COLLADO ET AL. 1984: 115-, CUBA, TRINIDAD

-- REID 1990b: 180

-- REID 1992a: 229, 231, 238, 239, 251, FIG. 4 f-j,  
FLORIDA EVERGLADES

- C.F. -, COLLADO ET AL. 1984: 91, 92-93, FIGS. 9-  
14, COSTA RICA

Eucyclops breviramatus LÖFFLER, 1963

-- Löffler 1963: 210-211, fig. 10 a-f, N.SP., ECUADOR

-- Dussart, 1984:64

-- REID 1985b: 41, FIGS. 147-149

—Steinitz - Kannan, et al, 1983:81 Ecuador

-- PETKOVSKI 1988: 43

-- ALEKSEEV 1990: 138

Eucyclops bryophilus Lindberg 1950

— Lindberg, 1950g: 281-283, fig. 14

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 472

Assam

- BRIOPHYLUS, PESCE & GALASSI 1987d: 201

EJCYCLOPS CAPARTI Lindberg, 1951g

--, KIEFER, 1957: 4

--, LINDBERG, 1955: 471-476

--, KIEFER, 1956: 264

--, LINDBERG, 1955: 471

- Lindberg, 1951g: 56, fig. 7.

Eucyclops chivahensis sp. nov. Lindberg

-- -- Lindberg, 1960, <sup>b</sup>pp. ~~1-16~~ 7-9, fig. 1a-f.  
(1960b)

Eucyclopinæ - Cyclopoidea

Eucyclops ciliatus (O. Sars) ♂, ♀

— — F. Kiefer, 1929, p. 33

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1956, p. 264

--, LINDBERG, 1955: 473

← - DUSSART 1984d: 255

Habitat Africa

Cyclopiidae - Cyclopoidea

Eucyclops cognatus Kiefer ♂, ♀

— — Kiefer, 1929, Vol. 80; p. 313; fig. 8.

— — Kiefer, 1929, p. 89:

— — Kiefer, 1929, p. 313; fig. 8. off

— — Kiefer, 1934 = E. evacanthus (Sars).

Habitat South Africa



Eucyclops confinis Kiefer and subspecies -

see Tropocyclops



Eucyclops congolensis Lindberg, 1951 f

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1951 f p. 8. - 9, fig. 1.

--, LINDBERG, 1955: 471

-- DUSSART 1954: 303

-- EINSLE 1971: 34

Eucyclops conrowae Reid, 1992

-- Reid 1992a: 229, 232-238, Figs. 2,3,4a-d, n. sp.  
female + male, Florida Everglades

-- FIERS ET AL. 1996:67, QUINTANA ROO, MEXICO;  
AD "CF."

EUCYCLOPS CORONATUS CLAUS

--, CLAUS 1893e: Pl. IV, FIGS. 7, 9, 9'

Eucyclopinæ - Cyclopoida

Eucyclops crassispinosus Kiefer ♀

— — Kiefer, 1932, p. 525; N. sp.; UPPER VOLTA

— — Kiefer, 1933, p. 130: figs. 14 - 18.

-- -- Lindberg, 1955, pp. 471-476.

-- , LINDBERG, 1955: 475

-- DUSSART 1981b: 161

Habitat. Lake Botou

Eucyclopiinae — Cyclopoidea

Eucyclops curticornis Kiefer ♀

E. — Kiefer, 1932; p. 552; FRENCH WEST AFRICA

— — Kiefer, 1933; p. 131: figs. 22-26

Habitat. Fr. West Africa

Cyclopidae - Cyclopoida

Cyclops davidi Chappuis ♀, ♂

— — Chappuis, 1922, p. 172: fig. 2.

— — F. Kiefer, 1929, p. 67:

— — Kiefer, 1928, p. 560, : figs. 41-43.

— — Kiefer, 1929, p. 37: figs. 30-32.

— — Kiefer, 1933, p. 567: 99-102.

-- -- Lindberg, 1958, p. 115.

Habitat Sudan, Kamerun; Java



Eucyclops defectus n. ~~sp.~~ <sup>Lindberg</sup>

-- -- Lindberg, 1937<sup>b</sup>~~sp.~~: 458. - 460 ; figs. 1-3.  
— — Lindberg, 1939f : 378-379

Eucyclops delachauxi (Kiefer) ♂, ♀

①

- — Kiefer, 1929, p. 33  
 -- -- Lindberg, 1958, 7 pp. 39-52.  
 -- -- Lindberg, 1955, p. 1.  
 -- -- Lindberg, 1955, pp. 471-476.  
 -- -- Lindberg, 1954, pp. 193-222.

--, LINDBERG, 1955: 472

Habitat Peru

- DUSSART 1984: 64  
 -- REID 1985b: 37, FIGS. 99-102.  
 -- PERKOVSKI 1988: 43-

Eucyclops delachauxi (Kiefer) 1925

card 2

--Harding 1955:219, 240, Bolivian Andes

-- DEL RIO + VALDIVIA 1989: 73; PLATE 1 (11-12),  
PERU

Eucyclops de-macedoi sp nov. LINDBERG, 1957

Lindberg, 1958, pp. 39-52.

-- DUSSART 1984: 64

- DEMACEDOI, REID 1985b: 41, FIGS. 141-143

-- PETKOUSKI 1988: 43

- DE MACEDIO, DEL RÍO + VALDIVIA 1989: 73,  
PLATE 1 (9-10), PERU; ALSO AS DE MACEDO

EUCYCLOPS DENTICULATUS (A. Graet.)

--, MONCHENKO, 1978b: 58

— Kiefer, 1978: 213

-- FLOSSNER 1985: 515, GERMANY

-- MAZKOVA 1978: 34, VARIETY OF E. MACRUROIDES

Eucyclopinae - Cyclopoidea

Eucyclops dubius (O. Sars) ♂, ♀

— — F. Kiefer, 1929, p. 38:

— —, Fryer, 1956, p. 235. Lake Nyassa.

Habitat Africa

Eucyclopinæ - Cyclopoidea

Eucyclops echinatus (Kiefer) ♂, ♀

— — F. Kiefer, 1929, p. 39:

— — , Lindberg, 1952, p. 430

— — Lindberg, 1950 h: 52-53, fig 1-6.

Habitat. Madagascar

Eucyclops echinatus (Kiefer)

-- -- Lindberg, 1951f p. 8.

-- -- Lindberg, 1952f ~~m~~: ~~53-67~~ 61.

-- -- Lindberg, 1954e ~~pp.~~: ~~427-435~~ 430

-- -- Lindberg, 1951d ~~pp.~~ ~~187-191~~ :189

--, Kiefer, 1952, p. 88 (see E. stuhlmanni e.)

--, Lindberg, 1951, pp. 188, 189

-- Dussart 1981b: 161, = E. ACANTHOIDES



*Eucyclops elburziensis*

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1957, p. 137

--, LINDBERG, 1955: 473

-- DASSART 1981b: 162

-- LÖFFLER 1961c: 386-

Cyclopidae - Cyclopoidea

Eucyclops elegans (Herrick). ♀

①

*Cyclops serrulatus*. var. *elegans*, Herrick, 1884, p. 157, pl. D.  
figs. 17-19: pl. Q<sup>3</sup>, fig. 10. : 1895, p. 112.

*Eucyclops elegans*, Chappuis, 1931, p. 347.

— — Kiefer, 1929, p. 306: figs. 1-3.

*E.* —, KIEFER 1931: 611, IN "SERRULATUS - GRUPPE"

Habitat, Mammoth Cave.

*E. AGILIS ELEGANS*, REID 1990g: 180

*E. E.*, REID 1992a: 236

*E. E.*, REID + MARTEN 1995: 40-, TAB. 1, USA-LA/M

EUCYCLOPS ELEGANS (HERRICK, 1884)

(2)

-- KING, J. ET AL. 1996: 96-116, N. CALIFORNIA, USA

E. SERRULATUS ELEGANS, LINDBERG 1955: 471-476.

E. S.E., LINDBERG 1955: 475

E. S.E., BUNTING 1973: 139, ? = E. PRIONOPHORUS IN  
TENNESSEE RECORDS.

E. S.E., PLESA 1981: 25, FIGS. 25-27, CUBA

E. SPERATUS ELEGANS, WYNGAARD + CHINNAPPA 1982: 511

E.E., REID 1996: 4-5, DC, USA

CYCLOPS -, HERRICK 1887: 14, ALABAMA, USA

EUCYCLOPS ELEGANS (HERRICK, 1884) (3)

CYCLOPS SERRULATUS VAR. ELEGANS, COCKERELL  
1912: 47

C.S. VAR. E., EWERS 1930: 21 (NAUPLIAR STAGES)

E.E., BOTTS ET AL. 1997: 107, VIRGINIA, USA

- REID 1990g: 180

- REID 1992a: 236

- REID 1993(1994)a: 60-, CENTRAL BRAZIL

EUCYCLOPS ENSIFER KIEFFER, 1936

(2)

-- PLESA 1981: 25, FIG. 28, CUBA

-- LIMA ET AL. 1996: 113-115, MATO GROSSO DO SUL, BRAZIL

-- SANTOS + ANDRADE 1997: 221-225, SÃO PAULO, BRAZIL

-- LANSAC-TÔHA ET AL. 1997: 140, 148, TAB. 3, PARANÁ, BRAZIL

Eucyclops evacanthus (O. Sars) ♂, ♀ ①

— Lindberg, 1951g: 54, fig. ~~2~~

— — F. Kiefer, 1929, p. 35

— — Kiefer, 1927, p. 15: figs. 27-28.

— — Kiefer, 1928, p. 549: figs. 23-28.

— — Kiefer, 1933, p. 553: figs. 50-55.

— Lindberg, 1942a: 83.

Habitat East, West Africa;

--, ACADEMIA SINICA, 1979: 322, 329-330; FIG. 188; 540:

CYCLOPS E.; E. (E.) E.

--, LINDBERG, 1955: 474

— — Kiefer, 1934, p. 158

— cognatus, Kiefer, 1929, p. 313: fig. 8.

*Cyclops evacanthus*, Sars, 1909, p. 59: pl. 20. figs. 189-192

*Eucyclops* \_\_, Harding 1942, p. 187, figs. 27-33, ♀♂

Lake Young, Rhodesia

~~— Lindberg, 1952, p. 59~~

-- -- Lindberg, 1958, p. 115.

-- -- Lindberg, 1959, p. ~~12~~ 13

-- -- Lindberg, 1956, p. 12.

-- -- Lindberg, 1955, pp. 471-476.

--, Ueno, 1938, p. 164

--, Kiefer, 1956, p. 264

—, Hutchinson, et al, 1932: 28, passim



Eucyclops euacanthus (O. Sars)

card 2

-- Brooks, J. 1950: 157, distribution

-- DUSSART 1981b: 161

-- DUSSART 1981c: 162

-- Harada; 1931: 150

-- TIMMS & MORTON 1988: 163-, AUSTRALIA

-- DUMONT 1981b: 99, WEST AFRICA

-- DUMONT ET AL. 1981: 165, MALI

-- LÖFFLER 1961c: 386-

-- KIEFFER 1938j: 70

Eucyclops euacanthus (<sup>G.</sup>Ö. Sars)

card 3

-- Fiers & Van de Velde 1984:183-, Fig. 4f, Tanganyika

-- REID 1992a: 236

-- MORTON 1990: 664

-- KAWABATA & DEFAVE 1994: 145

-- EINSLE 1971: 28, 30-31, FIG. 6, CONGO/ZAIRE

Eucyclops evacanthus f. lanceolata ~~miti~~

DUSSART, 1974

---, DUSSART 1974:97-99; Fig. 3.

--- REID 1992a: 236

--- DEFAYE 1988: 104-, TAB. 1, ETHIOPIA; FIGS. 49-51

Eucyclops euacanthus f. simplex Lindberg

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, ~~1952~~ 1952, pp. ~~53-57~~. 59-61, fig. 2a-c

--, LINDBERG, 1955: 474

- Dussart, 1982: 47-48, pl. 9B

Eucyclops sp. (aff. euacanthus Sars)

---, Kiefer, 1952, fig. 112, p. 9, 16, *fig. 117*

Eucyclops extensus Kiefer - see Tropocyclops

Eucyclops farsicus Lindberg, 1941

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 473

— Lindberg 1941c: 88-91, fig. 2a-g.

-- DASSART 1981c: 162

-- LÖFFLER 1961c: 386-

EUCYCLOPS FESTIVUS LINDBERG, 1955

1955g

-- LINDBERG, ~~1955g~~: 460, 461, 462, 468, 470 ♀♂,  
474, 477, 482<sup>483</sup>, 484; FIG. 2a-d.

-- LINDBERG, 1955b: 471-476

-- PETROVSKI 1988: 43

-- REID 1990g: 180

-- REID 1992a: 236



Eucyclops fragilis (Kiefer) ♂, ♀ 1926

-- F. Kiefer, 1929, p. 34

-- Kiefer, 1928, p. 551; figs. 29-33.

-- Lindberg, 1955, pp. 471-478.

--, KIEFER, 1957: 93-97; FIG. 3-9, 10-15

--, LINDBERG, 1955: 475

Habitat Africa

-- EINSLE 1971: 34

Eucyclops gibsoni (G. Brady, 1904) - see  
Afroscyclops gibsoni

EUCYCLOPS (EUCYCLOPS) GLABER KIEFFER, 1935

E. S. STA. -, KIEFFER 1935: 237, N. SP., EAST AFRICA

-- LINDBERG 1955: 471-476

~~Eucyclopinae~~ Cyclopoida

Eucyclops graeteri (Chapp.) ♂, ♀

CYCLOPS GRAETERI, CHAPPAIS 1927:42, NOM. NOV. FOR  
C. MACRURUS VAR.

E. — F. Kiefer, 1929, p. 36:

SUBTERRANEA  
GRAETER

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

-- -- Lindbert, 1955, pp. 471-476.

--, Kiefer, 1958, p. 49

--, ACADEMIA SINICA, 1979: 35

Habitat Switzerland

--, LINDBERG, 1955: 470

M. L. S. 1975: 319-324 figs. 1-17.

Eucyclops graeteri

card 2

--, Lescher-Moutoué, 1974, p. 338, fig. 2-4

— Damian-Georgescu, 1963: 86-87, fig. 46

-- ROUCH 1968a: 99

C. MACRURUS VAR. SUBTERRANEA, BREHM 1968a: 449-

E. -, BRANCELT 1990: 20

C. -, PLESA 1989: 92, = E. SUBTERRANEUS S. L.

E. AFF. GRAETERI, POSPISIL 1994: 31, FIGS. 9, 10, AUSTRIA

E. -, KIEFER 1927: 200, GERMANY

E. -, KIEFER 1953: 61

Eucyclopinæ—Cyclopoidea

Eucyclops hadjebensis (Kiefer) ♀, ♂

— — F. Kiefer, 1929, p. 33

— — Kiefer, 1928, p. 98: figs. 19—23.

-- -- Lindberg, 1955, pp. 471-476.

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

--, GOURBAULT & LESCHER-MOUTOUÉ, 1979: 47; TAB. 1

Habitat North Africa

--, DUMONT & DEGRAEMER, 1977: 258, 259; FIG. 2

--, LINDBERG, 1952: 193-196

--, LINDBERG, 1955: 473

Eucyclops aff. hadjebensis Kiefer

--, Lescher-Moutoue, 1978-79, 89-92, figs. 9-15



Eucyclops ibleicus Pesce & Galassi 1987

-- Pesce & Galassi 1987: 199-, figs. 10-13, n. sp.

female only, Italy

Eucyclopinae - Cyclopoidea

Eucyclops inarmatus Kiefer ♀

— — Kiefer, 1932, p. 51 : figs. 3 - 8

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 470

— Kiefer, 1978: 213

-- BRANCELT 1990: 19-20, YUGOSLAVIA

Habitat Herzegovina, Jugoslavia

-- POSPISIL 1994: 33-

Eucyclopinæ - Cyclopoidea

Eucyclops indicus Kiefer ♀, ♂ ①

-- KIEFER 1927: 121-122, FIGS. 16, 17, N. SP., INDIA

--- Kiefer, 1929, p. 38:

--- Kiefer, 1928, p. 391: figs. 6-9.

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1946, p. 87.

-- Löffler, 1963, p. 212.

Habitat Hindustan

--- Lindberg, 1939f: 381

--, LINDBERG, 1955: 470

-- LINDBERG 1946a: 87-89

EUCYCLOPS INDICUS KIEFFER, 1927

CARD 2

-- KIEFFER 1981: 101

Eucyclopinæ - Cyclopoidea

Eucyclops laevimargo (O. Sars) ♀, ♂

— Sars, 1909:

— — F. Kiefer, 1929, p. 37

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 470

— Lindberg, 1951g: 54, fig. 3.

-- FINGLE 1971: 34

Habitat Africa

Eucyclops laevimargo laevimargo (Sars, 1909)

---, Kiefer, 1952, p. 87 (see Cyclops l.), 9

---, Kiefer, 1956, p. 245, 250-252, figs. 15-21

---, Kiefer, 1956, p. 264

Eucyclops laevimargo madagascariensis (Kiefer, 1926)

---, Kiefer, 1952, fig. 100, 103-106, 109, 110, p. 86-  
88 ( Cyclops m. is a syn. ), 9, 1416

--, Kiefer, 1956, p. 252

Eucyclops leptacanthus Kiefer, 1956,

n. sp. Kiefer, 1956, p. 234, 235, 244-246, figs. 25-29

-- DUSSART 1984: 56, 64

-- REID 1985b: 39, FIGS. 115-117.

-- REID & JOSÉ 1987: 70, 71, CAVE - CENTRAL BRAZIL

-- PETKOVSKI 1988: 43-44;

-- REID 1990g: 180

-- REID 1992a: 236

-- COLLADO ET AL. 1984: 91, 93-94, FIGS. 15-21,

COSTA RICA

- CF., REID 1993(1994)a: 60, CENTRAL BRAZIL



Eucyclopinæ - Cyclopoidea

Eucyclops lilljeborgi

(OSERS) ♂, ♀

--- F. Kiefer, 1929, p. 35.

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1962, p. 35.

-- -- Lindberg, 1962, p. 271-274.

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

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

Habitat Norway, Sweden, N. Africa,

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

--, LINDBERG, 1955: 474

BOON 1954: 12, 15

- , Roen, 1957, p. 95
- , Sramek-Husek, 1933, p. 1-, pl. 1, 2
- , " ", 1941, p. 39
- , Herbst, 1953, p. 147
- , Kiefer, 1958, p. 48
- , Kiefer, 1958, p. 146, 148
- , Elgmork, 1964, p. 28-31,...
- , Flossner, 1967, p. 227
- RÖBEN 1970: 115-146, GERMANY
- SMITH & FERNANDO 1977: 1874, 1877, FIGS.  
13-19, ONTARIO

Eucyclops lilljeborgi (O. Sars)

card 2

-- Rylov 1932: 257, Pl. III Figs. 4-6, E. Siberia

-- SMITH + FERNANDO 1978: 38, FIGS. 127-130, ONTARIO

-- REID 1990d: 231

CYCLOPS -, RYLOV 1923: 79-80, PL. III FIG 24-25, MANCHURIA

-- DUSSART + FERNANDO 1990: 2660, E. S. OF SMITH +

FERNANDO, 1977, = E. MACRUROIDES DENTICULATUS

-- KIEFFER 1927: 200, GERMANY

Eucyclops linderi Lindberg - see Paracyclops

Eucyclops longispinosus Pesce & Galassi, 1987

-- Pesce & Galassi 1987d: 201-, figs. 14-17, n. sp.  
female + male, Italy

Eucyclops macruroides (Lilljeborg) ♂, ♀

CYCLOPS -, LILLJEBORG 1901: 85, pl. 5 FIGS. 7-11, N. SP.

E. — F. Kiefer, 1929, p. 35

-- --, Herbst, 1954. p. 114

-- --, Herbst, 1957. pp. 224-225, 228

-- -- Lindberg, 1957 p. 79.

-- -- Lindbert, 1962, p. 266.

----- Lindberg, 1955, pp. 471-476.

Habitat Norway, Sweden, Asia, N. Africa

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

-- -- Lindberg, 1949 b 5.

--, LINDBERG, 1955: 474

- Lindberg, 1951: 235 —  
-- -- Lindberg, 1950, p. 30, chart.  
-- -- Lindberg, 1950, pp. 7-10, chart.  
— Lindberg, 1962 a: 266  
-- -- Lindberg, 1950, pp. 301-312.  
-- Fryer, 1957, pp. ~~1-6~~, ~~Fig. 1-6~~. 14, 20  
--, Herbst, 1955, p. 278  
--, Proszynska, 1962, p. 28  
--, Roen, 1957, p. 84, 95  
--, Sramek-Husek, 1933, p. 1-, pl. 1, 2, fig. 3  
--, " ", 1941, p. 39  
--, Herbst, 1953, p. 147  
--, Kiefer, 1958, p. 48  
--, Kiefer, 1958, p. 147-8  
--, Flossner, 1967, p. 227  
--, BRANDL & FERNANDO, 1975: TAB. 5

EUCYCLOPS MACRUROIDES

CARD 2

- , SHEN & TAI, 1962b: 407
- , SHEN & TAI, 1964b: 449, 458, 460, 461; TAB. 1
- , SHEN & TAI, 1964d: 616,<sup>617</sup> 618; TAB. 1, 2
- , ACADEMIA SINICA, 1979: 321, 326-327; FIG. 185; SEE  
p. 326 FOR SYNONYMS
- , CHUSLENKO, 1977: TAB. 2
- , MONCHENKO, 1978b: 58
- , Olszewski, 1977, p. 32-33
- , Olszewski, 1976, p. 430



Eucyclops macruroides

card 3

- , Michajlow & Monchenko, 1967, p. 106, tbl. 1
- , Chia-ju & Ai-yung, 1962, pp. 225, 231-232, figs. 20-22
- , Fryer, 1980: 43-44
- Armengol, 1978: 78-79 fig. 68
- Lindberg, 1942a: 83-84, fig. 8a-j.
- Smyly, 1955: 636-638
- LINDBERG 1950i: 65, 69
- J.E. GANNON & STEMBERGER 1981: 205

Eucyclops macruroides (Lilljeborg)

card 4

- Røben 1970: 115-146, Germany
- MÄEMETS & VELDRE 1956a: 16, 20 - ESTONIA
- FLÖSSNER 1984b: 151, L. BAIKAL
- TYR, ~~MÄEM~~ VELDRE & MÄEMETS 1956: 16, 20-21,  
Pl. III FIGS. 7-9, ESTONIA
- DUSSART 1981c: 162
- Damian, -Georgescu, 1963: 77-80, fig. 41-42
- BORUTZKY, 1960: 78, FIG. 30(2); 201-202
- MONCHENKO 1972: 78-81, KISILKUM
- Kiefer, 1978: 213

- Sarvala, 1986:126
- FLÖSSNER 1985:515, GERMANY
- BRANCELT 1987: 3, 15, CAVE, YUGOSLAVIA
- ., BREHM 1908a: 448-
- E. -, LÖFFLER 1959c: 340-, AUSTRIA
- LÖFFLER 1961c: 386-
- .(E.) -, HARDING + SMITH 1974: 26-, FIG. 11e,  
BRITAIN
- E. -, DUSSART + FERNANDO 1990: 2595-
- E. -, MAZEPOVA 1970: 360, 361, LAKE BAIKAL, RUSSIA
- E. - macruroides, MAZEPOVA 1978: 11, 34-36, FIG. 4 (13-25),  
TAB. 4, LAKE BAIKAL

1901  
Eucyclops macruroides (Lilljeborg)

card 5

-- Mazepova 1962: 174, Lake Baikal

-- BOXSHALL & BRAIDE 1991: 186, FIG. 20, ENGLAND

-- ?, ISHIDA & KOBAYASHI 1993: 110, KAMCHATKA

--, SHEN & SUNG 1965c: 386, NW CHINA

-- SHEN & SUNG 1965d: 304, TIBET

-- KAWABATA & DEFAYE 1994: 145

-- KIEFFER 1927: 200, GERMANY

-- PESTA 1928: 110-111, FIG. 92

CYCLOPS -, BALDI 1932: 8

EUCYCLOPS MACRUROIDES (LILLJEBORG)

6

CYCLOPS -, BREMEN, VAN 1907: 34-37, NETHERLANDS

Eucyclops macruroides f. baicalensis Mazepova, 1978

--- Mazepova 1978: 5, 11, 27-34, FIG. 4 (1-12), TAB. 4,  
N. FORM, ♀♂, LAKE BAIKAL

①

EUCYCLOPS MACRUBIDES DENTICULATUS (GRAETER, 1903)

--, ACADEMIA SINICA, 1979: 321, 322, 327-329; FIG.

186, 187; SEE p. 327 FOR SYNONYMS

- Smoly, 1955: 636-638

--- MÄEMETS & VELDRE 1956a: 20 - ESTONIA

-- VELDRE & MÄEMETS 1956: 16, 21, Pl. III FIGS. 10-12,

ESTONIA

- Damian-Georgescu, 1963: 80-81, fig. 43

---, BORUTZKY, 1960: 78, FIG. 30(3)

--- SMITH & FERNANDO 1977: 1877

Eucyclops macruroides denticulatus (Graeter, 1903) 2

Cyclops (E.) --, Harding & Smith 1974:26-, Fig. 11f,  
Britain

E. --, DUSSART & FERNANDO 1990: 8600, ONTARIO,

= E. LILLJEBORGI OF SMITH & FERNANDO, 1977.

E. --, WILLIAMSON 1991: 810

E. --, SHEN & SUNG 1965c: 387-, NW CHINA



Eu.

Cyclopidae - Cyclopoida.

Cyclops macrurus G.O. Sars, ♀.

C. — Sars, 1863, p. 45 (254); 1903, p. 219.

A synonym of Leptocyclops macrurus.  
(Sars, 1914, p. 75).

C. — Honigsmann, 1910, p. 23.

C. — Blanchard & Richard, 1891, p. 515.

C. — Scourfield, 1898, p. 326; 1903, p. 536.

C. — Brady, 1878, p. 111: pl. 24, f. 1-5.  
 — — Rehberg, 1880, p. 545.  
 — — Šoštarić, 1880, p. 71: pl. 2, f. 25.  
 — — Waude, 1890, p. 62: pl. 20, f. 137-145.  
 — — Schmeil, 1891, p. 30.  
 — — Schmeil, 1892, p. 146: pl. 5, f. 15-17.  
 — — Richard, 1891, p. 235.  
 — — T. Scott, 1897, a, p. 31.  
 — — Brady, 1891, p. 19: pl. 7, f. 2.  
 — — Willjeborg, 1901, p. 91: pl. 6, f. 10-11.  
 — — Matile, 1897, p. 132: pl. 2, fig. 20.  
 — — Pesta, 1924, p. 549. — — Stenroos, 1898, p. 232.

Eu.

Cyclops macrurus

card 2

- Cs., Pesta, 1927, p. 79
- , Pesta, 1928, p. 107-8, fig. 88, (Eucyclops)
- , Litynski, 1922, p. 13
- , Baldi, 1932, p. 8
- , BRIAN 1927: p. 28.
- , Cederström 1893: 150.
- , Daday, 1905: 137-138, pl. 8, fig. 12, 21, 28, 29
- , Chappuis, 1927: 42
- Stromsten, 1920b: 270
- (Eucyclops)-, CLAUS 1893e: 348

Cyclopidae - Cyclopoida

Eucyclops macrurus (Sars).

Cyclops - Sars, 1863, p. 45 (254),

Eucyclops - Claus, 1893, p. 348,

-- --, Herbst, 1954. p. 114

(See Cyclops macrurus)

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

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

--, Lindberg, 1955: 472

-- ~~Wierzejski~~ - Wierzejski, 1892b: 10, ~~1892b~~

— — F. Kiefer, 1929, p. 36

-- -- Lindberg, 1962, p. 266

-- -- Lindberg, 1955, pp. 471-476.

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

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

--, Herbst, 1955, p. 278

--, Proszynska, 1962, p. 28

--, Roen, 1957, p. 84, 95

--, Sramek-Husek, 1941, p. 40.

--, Herbst, 1953, p. 148

--, Kiefer, 1958, p. 48

— Lindberg, 1951a: 233-242.

Eucyclops macrurus (SARS)

2

- , Dussart, 1967, p. 122
- , Flossner, 1967, p. 227
- , Fryer, 1957, p. 20.
- , ACADEMIA SINICA, 1979: 321, 330-331; FIG. 189; SEE  
p. 330 FOR SYNONYMS
- , MONCHENKO, 1978b: 55, 57; TAB 3
- , Olszewski, 1977, p. 32-33
- , Kiefer, 1963, p. 31
- Herbst, 1952: 16
- Roen, 1954: 13, 15
- LINDBERG 1950i: 64-69

Eucyclops macrurus (Sars, 1863)

card 3

-- MÄEMETS & VELDRE 1956a: 20, ESTONIA

-- VELDRE & MÄEMETS 1956: 16, 21, Pl. III FIGS. 13-15,  
ESTONIA

-- DUSSART 1981b: 150.

-- DAMIAN-GEORGESCU, 1963: 82-84, fig. 44

-- BORUTZKY, 1960: 78, FIG. 30(1); 159, FIG. 74(2)

-- REID 1985b: 38, SOUTH AMERICAN RECORDS OF E.

M. ARE PROBABLY E. NEUMANI.

-- CLAUS 1893e: 305, 307, 348 (AS C. (E.) -)

Eucyclops macrurus (Sars, 1863)

card 4

Cyclops -, Kiefer 1949:67-69, C. m. of Daday 1910a,b =  
Afroscyclops gibsoni

— Kiefer, 1978:213

— Sarvala, 1986:126

-- FLÖSSNER 1985:515, GERMANY

C. -, RICHARD 1887a:160-161, FRANCE

C. -, FORRÓ 1986:559

C. -, SARS 1903:240, RECORDS, CENTRAL ASIA

C. -, = C. MAARENSIS, SCHAUSS 1908:166

C. -, EKMAN 1904:31, SWEDEN



Eucyclops macrurus (Sars, 1863)

card 5

-- Brancelj 1987:3, cave, Yugoslavia.

C. -, VAN DOUWE 1909b: 32, FIGS. 111-114, GERMANY

C. (E.) -, HARDING & SMITH 1974: 39-, BRITAIN

E. -, WILLIAMSON 1991: 810

C. -, THIÉBAUD 1912 (14): 161, 163, 164, ARGENTINA

C. -, SOWINSKY 1888: 234-, UKRAINE

E. -, REID 1992a: 251

E. -, SHEN & SUNG 1965c: 387-, NW CHINA

E. -, POSPISIL 1994: 33-

EUCYCLOPS MACRURUS (G.O. SARS, 1863) CARD 6

C. -, STEUER 1897: 527, AUSTRIA-HUNGARY.

E. -, KIEFER 1927: 72-73, FIG. 5

E. -, KIEFER 1927: 200, FIG. 2, GERMANY

C. -, REHBERG 1884: 3-16

C. -, BREMEN, VAN 1907: 33-34, PL. I FIGS. 36, 39, NETHERLAND

Eu.

Cyclopidae - Cyclopoidea.

Cyclops macrurus Sars.

var. subterranea Graeter. ♀. = C. graeteri

var. caucasicus Schiklejew. ♀.

— — Graeter, 1907, p. 850

— — Schiklejew, 1931, p. 190: fig. 5.

— — Haberbosch, 1920: 108

Habitat. Switzerland.

*Eucyclops macrurus* f. *caucasica*

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 472

EUCYCLOPS MACRURUS INTERMEDIUS - SEE

E. SUBTERRANEUS

Eucyclopinæ - Cyclopoida

Eucyclops madagascariensis (Kiefer) ♂, ♀

— — F. Kiefer, 1929, p. 37:

— — , Lindberg, 1951, p. 430, fig 1, a-e

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1953, p. 11-17.

-- -- Lindberg, 1952, pp.: ~~53-67~~. 61

Habitat Madagascar

--- -- Lindberg, 1951, pp. 427-435.

-- , LINDBERG, 1955: 473

-- , Lindberg, 1951d p. ~~189~~

-- -- Lindberg, 1951, pp. 187-191.

--, Kiefer, 1956, p. 252

-- DUSSART 1984b: 303

- Dussart, 1982: 45-47, pl. 10 A

Eucyclops microdenticulatus Lindberg

(n. sp.) Lindberg, 1940b: 524-526, figs. 4a-f.

— Lindberg, 1939f: 377.-378.

— ~~Lindberg~~



Eucyclops miser Brehm, - see Tropocyclops

EUCYCLOPS MIURAI ITO - SEE E. SUBTERRANEUS

(Tropocyclops)  
Eucyclops multicolor

- -- Lindberg, 1935, pp. 405-419., fig 1, 2.
- -- Lindberg, 1940, ~~pp.~~: 173-195 (passim)
- -- Lindberg, 1939, pp. 816-819.
- Lindberg, 1939b: passim, fig. 1a-e.

Cyclopidae - Cyclopoidea

Eucyclops nagasaki Uéno, ♀. ♂

— — Uéno, 1934<sup>a</sup>, p. 229; fig. 1, A-J. <sup>232</sup>

— — Ueno, 1934 b, p. 449, fig. 3

-- -- Lindberg, 1955, pp. 471-476.

-- , LINDBERG, 1955: 472

Habitat. Cave, Japan.

Eucyclops neocaledoniensis Dussart 1984

-- Dussart 1984b: 301,302-303, figs. 2-9, n. sp. ♀♂,  
New Caledonia

Eucyclops neomacruroides Dussart & Fernando 1990

-- Dussart & Fernando 1990:2597-2600, figs. 20-32,  
n. sp. ♀♂, Ontario; = E. SPERATUS OF SMITH &  
FERNANDO 1978.

-- REID 1990a: 236

Lucyclops neotropicus KIEFFER, 1936

-- -- Lindberg, 1955, pp. 471-476.

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

--, LINDBERG, 1955: 471

-- DUSSART 1984: 64

-- REID 1985b: 37, FIGS. 96-98

-- PETKOVSKI 1988: 43-

2 EUCYCLOPS

Cyclopidae - Cyclopoidea

Cyclops neumani Pesta, ♂, ♀, 1927

— — Pesta, 1927, p. 79, fig. 6 c, d

— — Brian, 1925, p. 190.

— — Brian, 1927, p. 127.

Habitat. Argentina.



Eucyclopinae - Cyclopoida

Eucyclops neumani<sup>κ</sup><sub>1</sub> (Pesta) ♂, ♀

— — Kiefer, 1929, p. 36:

-- --, Herbst, 1962. pp. 262-262, fig. 4-11

-- -- Lindberg, 1958, pp. 39-52.

-- -- Lindberg, 1955, p. 2-4, fig. 1a-c.

-- -- Lindberg, 1955, pp. 471-476.

Habitat So. America

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

-- -- LINDBERG, 1955: 473

Kiefer, 1957, p. 135

--, Ringuet, 1959, p. 317

--, Infante, 1978, *passim*

- PETKOVSKI 1988: 43-44; SYN. CYCHOPS MACRURUS OF  
T#IRBAUD (1914)

- GONZALEZ DE INFANTE 1988: 108, FIG. 36(16)

- HARDING 1955: 219, 240-241, FIGS. 63-64, BOLIVIA

- PAGGI + PAGGI 1990: 690-, RIO PARANÁ MÉDIO, ARGENTINA

Eucyclops neumani <sup>\*</sup>neumani <sup>\*</sup>

---, Kiefer, 1957, p. 135

-- DUSSART 1984: 64 - as E. NEUMANI

- NEUMANI-, REID 1985b: 38-39, FIGS. 108-111; SOME  
SOUTH AMERICAN RECORDS OF E. MACRURUS ARE  
PROBABLY E.N.

- NEUMANI NEUMANI, DEL RIO + VALDIVIA 1989:  
73, PLATE 1 (4-5), PERU

Eucyclops neumani<sup>4</sup> titicacae Kiefer, 1957

n. subsp. Kiefer, 1957, p. ~~135~~ 133-135, figs. 11-15.

-- DUSSART 1984: 64

--- REID 1985b: 39, FIGS. 112-114

-- - PETKOVSKI 1988: 43 -

- NEUMANI -, DEL RIO + VALDIVIA 1989: 73 -  
PLATE 1(6) PERU

*Eucyclops nichollsi* Brehm

----- 1950 Brehm, p. 251, *N. SP.* - TASMANIA

-- 1953 Brehm, p. 58

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1953, pp. 3-8.

--, LINDBERG, 1955: 474

-- REID 1992a: 236

-- MORTON 1990: 657, 658, 662-665, FIGS. 3a-e,  
REDESCRIPTION, SYNONYMY, NEW RECORDS-AUSTRALIA

EUCYCLOPS (T.) NIGROVIRIDIS - SEE TROPOCYCLOPS

EUCYCLOPS NUBICUS (CHAPPUIS, 1922)

CYCLOPS -, CHAPPUIS 1922: 170-171, FIG. 1, N. SP.,  
UPPER NILE.

EUCYCLOPS -, ROY 1929: 392-393, FIG. 1, SAHARA  
DESERT.

Eucyclops nudus

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 471



FUCYCLOPS OHYAKAI ISHIDA, 2000

-- ISHIDA, 2000: 21, 25-28, FIGS. 4, 5, JAPAN, N. SP.

EUCYCLOPS ORTHOSTYLIS LINDBERG, 1952

LEPTOCYCLOPS ORTHOSTYLIS, G. O. SARS 1927: 329,  
CASPIAN SEA; IN LIST, NO DESCRIPTION.

EUCYCLOPS -, LINDBERG 1952b: 80, 82-83, FIG. 1d-e,  
N. SP. FROM SARS' MATERIAL, CASPIAN SEA.

E. -, LINDBERG 1955: 470, 471-476.

E. -, BORUTSKY 1960: 78, FIG. 30(8)

E. -, MONCHENKO 1978b: 55, 57, TAB. 2

E. -, KIEFER 1978: 213

E. -, MONCHENKO 1979: 24

EUCYCLOPS PACIFICUS ISHIDA, 2000

-- ISHIDA, 2000: 21-25, FIGS. 1-3, N.SP., JAPAN

*Eucyclops parvicornis* Harding

\_\_\_\_\_ Harding 1942, p. 184, ♀♂, L. Young, N. Rhodesia,  
figs. 13-19

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 475

-- GOPHEN 1986: 297

-- HUTCHINSON 1953: 573-

-- EINSLE 1971: 34

Eucyclops parvus Kiefer - see Tropocyclops

Eucyclops paucidenticulatus  
-----

Lindberg, 1951g

-- --, Kiefer, 1957, p. 4

-- -- Lindberg, 1955, pp. 471-476.

E. paucidentatus Lindberg, Kiefer, 1956, p. 264

--, LINDBERG, 1955: 473

- Lindberg, 1951g: 56-58, fig. 6.

EUCYCLOPS PENTAGONUS (Voss.)

--, CLAUDIUS 1893e: 348, SYN. OF E. PRASINUS FISCH.

Eucyclopinæ - Cyclopoidea

Eucyclops permixtus Kiefer, ♀, ♂

— — F. Kiefer, 1929, p. 34

— — Kiefer, 1928, p. 389: figs. 1-5.

— — Kiefer, 1933, p. 552: figs. 46-49.

-- -- Lindberg, ~~1959a~~. 1959a: 16-19, fig. 2a-k

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1946, p. 86-87.

Habitat Hindustan

— — Lindberg, 1939 f: 379

-- -- Lindberg, 1948, pp. 71-76.

1946, pp. 84-95.



EUCYCLOPS PERSISTENS MONCHENKO, 1978

-- MONCHENKO, 1978a: 50-58; FIG. 1-3; TAB. 1-3

— Monchenko, 1979: 24

-- MONCHENKO 1986b: 6

Eucyclops porrectus Kiefer ♀, ♂

— — Kiefer, 1932, p. 50: figs. 1-2

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 475

-- DASSART 1981b: 149.

— Kiefer, 1978: 213

Habitat. Jugoslavia

-- PESCE + GALASSI 1987d: 202

— — F. Kiefer 1931. p. 588: figs 17-19

Eucyclops prasinus and subspecies - see Tropocyclops

Eucyclops prionophorus (Kiefer) ♀, ♂ ①

— — F. Kiefer, 1931, p. 588: figs. 17-19.

— — Kiefer, 1931, p. 219: fig. 2.

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1954 ~~pp. 193-222.~~ 203-204

--, HARRIS, 1978: 28, 32

Habitat North America, SOUTH AMERICA

--, PENNAK, 1963: 358

--, LINDBERG, 1955: 475

- Robertson & Cannon, 1981, p. 386 & 388.
- DUSSART 1984: 64
- EVANS 1984: 490, 491
- REID 1985b: 41, FIGS. 137-140
- SMITH & FERNANDO 1977: 1875 - 1877, FIGS.  
9-12, ONTARIO
- HARRIS, M.J. 1973: 12-, Pl. 6 FIGS. 31, 32 - MISSISSIPPI
- BALCER ET AL. 1984: 115, GREAT LAKES
- PETKOVSKI 1988: 43-
- SMITH & FERNANDO 1978b: 38-, FIGS. 124-126, ONTARIO
- BUNTING 1973: 139, TENNESSEE
- DUSSART & FERNANDO 1990: 2600, ONTARIO

- SMITH & FERNANDO 1977: 1875 - 1077,  
9-12, ONTARIO
- HARRIS, M.J. 1973: 12-, Pl. 6 FIGS. 31, 32 - MISSISSIPPI
- BALZER ET AL. 1984: 115, GREAT LAKES
- PETKOVSKI 1988: 43 -
- SMITH & FERNANDO 1978b: 38-, FIGS. 124-126, ONTARIO
- BUNTING 1973: 139, TENNESSEE
- DUSSART & FERNANDO 1990: 2600, ONTARIO

Eucyclops prionophorus (Kiefer, 1931)

card 2

-- Nisa et al. 1987:125-, figs. 11-14, Pakistan (!using Yeatman key!)

-- WILLIAMSON 1991: 810

-- REID 1992a: 236, 238-239

-- ?; CZAJKA 1978b: 8, LAKE ONTARIO

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

Eucyclops procerus Dussart 1981b: 140, 146-150, fig. 8m  
n. sp. ♀, Niger basin.



Eucyclops productus Kiefer, ♂♀,

— — Kiefer, 1936, p. 4: text-figs.

-- -- Lindberg, 1955, pp 471-476.

-- LINDBERG, 1955: 475

— Lindberg, 1939 f: 379

-- SHEN + SUNG 1965 d: 306

Habitat. Kadak, India.

-- BOXSHALL + BRADY 1991: 186, E. PRODUCTUS OF

ONAMABIRO (1952) FROM NIGERIA = E. SERRULATUS; 210

Eucyclopinac — Calanoida

Eucyclops propinquus Kiefer ♀

— — Kiefer, 1932, p. 525 N. SP., IVORY COAST

— — Kiefer, 1933, p. 131: figs. 19 — 21.

Habitat. River, Ko

EUCYCLOPS PROXIMUS

--, CHISLENKO, 1977: TAB. 2

E. SERRULATUS VAR. PROXIMUS, MÄNNETS & VELDRE 1956a:

Eucyclops pseudoensifer Dussart, 1984

- Dussart, 1984: 38, 41, 56, 64, fig. 14 -n. sp. ♀♂  
VENEZUELA
- REID 1985b: 41, FIGS. 133-136
- PETROUSKI 1988: 43

EUCYCLOPS PUTEINCOLA KIEFER, 1981

-- KIEFER 1981: 101-102, FIG. 1, N. SP., SYRIA

Eucyclops parispinus (O. Sars)

— — F. Kiefer, 1929, p. 34

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1956, p. 264

--, LINDBERG, 1955: 471, 472

— Lindberg, 1951g: 54-55, fig. 5.

Habitat Africa

-- FIERS & VAN DE VELDE 1984: 183; FIG. 4g,

TANGANYIKA

Eucyclopiinae - Cyclopoidea

Eucyclops puttneri (Kiefer) ♂

- - Kiefer, 1933, p. 554: figs. 61 - 65.
- - Lindberg, 1955 - pp. 471-476.
- - LINDBERG, 1955: 473
- - BENZIE 1984: 693, AUSTRALIA

Habitat. Sumatra, Java

- - MORTON 1990: 657, 658, 667 - 668, FIGS. 5a-f,
- REDESCRIPTION, AUSTRALIA

Eucyclops ruttneri forma elburziensis  
E Lindberg

— Lindberg, 1941c: 92-95, fig 3a-e.



Eucyclops (Tropocyclops) schubarti Kiefer - see

Tropocyclops

Eucyclops semidenticulatus Lindberg

(n.sp) Lindberg, 1940b: 523-524., fig. 3a-f.  
- - Lindberg, 1939f: 379-381

Eucyclopinae - Cyclopoida

Eucyclops semiserratus O. Sars ♂, ♀

— — F. Kiefer, 1929, p. 33

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1956, p. 264

--, LINDBERG, 1955: 472

— Lindberg, 1951g: 54, fig. 4.

Habitat Africa

Cyclopidae - Cyclopoidea

Eucyclops serrulatus (Fischer).

Cyclops — Fischer, 1851, p. 423: pl. 10, figs. 26-31.

Eucyclops — Claus, 1893, p. 348

(See Cyclops serrulatus)

— Hutchinson, et al., 1932: 43

— — Kiefer, 1933, p. 184: fig. 1.

— — Kiefer, 1933, p. 579: figs. 38-41.

— — Kiefer, 1934, p. 156: figs. 102-103.

- — F. Kiefer, 1929, p. 31: fig. 12.
- — F. Kiefer, 1931, p. 589;
- — Kiefer, 1928, p. 388;
- — Kiefer, 1933, p. 549: figs. 38 - 41.
- — Kiefer, 1933, p. 599;
- — Chappuis, 1931, p. 346,
- —, Sterba, O. pp. 355, 1954, no Figs.
- —, Kiefer, 1954, pp. 332-333, figs. 38-42.. Morocco.
- —, Ito, T. 1954, pp. 378-379, Figs. 13-16, Wells Japan
- — Dussart & Aguesse, 1956.
- — Aguesse, 1957, p. 241. (in list). Mouth of Rhône.
- —, Sterba, 1955, p. 2.
- —, Herbst, 1954. p. 114
- —, Herbst, 1953. p. 153

*Eucyclops serrulatus*

(2)

- — Linberg, 1936a: 2-3
- -- Lindberg, 1959, p. 11-12
- -- Herbst, 1957. PP. 223-225, fig. 1-3
- -- Stella, 1957, pp. 40-41
- ~~--- -- 1966, Claus, G. Husson & Nicholas p. 270~~
- -- 1964, B.H. Dussart, p. 122.
- -- 1966, p. 481-489, Auvray & Dussart.
- -- Lindberg, 1958, bp. 115.
- -- Lingberg, 1960, p. 1-16.
- -- Lindberg, 1957, bp. 79.
- -- Lindberg, ~~1962, p. 266.~~ 1962e: 11
- -- Lindberg, 1962, p. 266.
- -- Lindberg, 1962, dpp. ~~5-19.~~ 10-11
- -- Lindberg, 1957, p. 138.
- -- DUSSART, GRAF + HUSSON, 1966, p. 270.

- Lindberg, 1949c: 179  
-- -- Lindberg, 1956, p. 3.  
-- -- Lindberg, 1956, p. 72.  
-- -- Lindberg, 1956, p. 101. **A114**  
— Lindberg, 1948b: 64-65  
-- -- Lindberg, 1955, p. 459.  
-- -- Lindberg, 1955, p. 106.  
-- -- Lindberg, 1955, p. 192  
-- -- Lindberg, 1955, p. 243.  
-- -- Lindberg, 1954, p. 71.  
-- -- Lindberg, 1946b: 316  
-- -- Lindberg, 1949b: 4.  
-- -- Lindberg, 1950b: 25.  
-- -- Lindberg, 1950f: 105-107.  
— Lindberg, 1942a: 78-80, figs. 5-6.

Eucyclops serrulatus

(3)

- Lindberg, 1953 g: 6  
--- Lindberg, 1952 e pp. ~~53-67~~. 59.  
--- Lindberg, 1952, pp. 193-196.  
--- Lindberg, 1953, h pp. 149-185.  
--- Lindberg, 1953, pp. 19-39.  
--- Lindberg, 1949 g pp. ~~38-48~~.  
--- Lindberg, 1953 l pp. ~~3-8~~. 77.  
--- Lindberg, 1951 a pp. 233-242.  
--- Lindberg, 1962, pp. 3-15.  
--- Lindberg, 1954, pp. 193-222.  
--- Lindberg, 1950, pp. 301-312.  
--- Lindberg, 1950 a: 88 passim.



— Lindberg, 1951g:53

— --, Dussart & Gras, 1966, pp. 82-81, f. 3

— --, Ponyi, 1961, p. 839

— --, Ponyi, 1962, p. 131

— --, Ponyi, 1962, p. 138

— --, Ponyi, 1965, p. 143

— v--, Ponyi, 1967, p. 180-181

— Lindberg, 1952f:64-65

— --, Ito, 1964, pp. 121-122, tbl. 2

— Lindberg, 1953e: 3-5

--, Kieffer, 1957, p. 71

--, Kieffer, 1958, p. 160

--, Kieffer, 1960, p. 438

--, Kiefer, 1960, p. 438

~~Heb~~ — Lindberg, 1955a:57-62

— Zuniga & Dominguez, 1978: 91-95

Eucyclops serrulatus

card 4

--, Herbst, 1955, p. 259, 278

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

--, Proszynska, 1962, p. 28

--, Por, 1967, p.1

--, Roen, 1957, p. 53-55, 20

--, ~~Bertrand~~, 1971, ~~pp~~

--, Sramek-Husek, 1933, p. 1-, pl. 1, 2, fig. 2, 4

--, " ", 1941, p. 40

--, Sterba, 1962, p. 88, 95 - CZECHOSLOVAKIA

--, Sterba, 1962, p. 895

?, Sterba, 1964, p. 198

1949: 46

--, Shen, 1956, p. 2, 7-8, 16, pl. III (18-21),  
syn.: Leptocyclops agilis, Cyclops agilis,

--, Wierzbicka, 1958, p. 532

--, Ueno, 1938, p. 164

--, Herbst, 1953, p. 147

--, Kiefer, 1952, p. 83-86, 93

--, Kiefer, 1956, p. 264

--, Kiefer, 1957, p. 54, 56, 59, 60, 62, 63, 64

--, Kiefer, 1958, p. 48

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

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

--, Dussart, 1967, p. 122

--, Flossner, 1967, p. 227

--, Pesce & Fabrizi, 1979: 59-60

Eucylops serrulatus

card 5

- , Aguesse & Dussart, 1957, p.482
- Loffler, 1963, p. 212
- Tonolli, 1959, p.63-69.
- , GOURBAULT & LESCHER-MOUTOUÉ, 1979: TAB.1
- , ITO, 1971: 250, 254
- , LESCHER-MOUTOUÉ, 1976b: 93
- , GOSWAMI & GOSWAMI, 1973: 242
- , BRANDL & FERNANDO, 1975: TAB.5
- , SHEN & TAI, 1962b: 407
- , SHEN & TAI, 1964b: 449, 458, 461; TAB.1
- , SHEN & TAI, 1964d: 619; TAB.1, 2

- , ACADEMIA SINICA, 1979: 321, 322-323<sup>1</sup>; FIG. A2

SEE p. 322 FOR SYNONYMS

- , MONCHENKO, 1977a: 1725

- , MONCHENKO, 1978b: 55, 57; TAB. 3

- , HO, 1955: 55, 62, 63; TAB. 4

- , DUMONT & DEGRAEMER, 1977: 258, 259, 262, 275;

FIG. 3

- , HUSMANN, 1964: 153

- , LINDBERG,<sup>1955</sup> 459, 460, 461, 462, 484-485

- , BOZIC, 1965: 355.

Eucyclops serrulatus

card 6

- Gourbault & Lescher-Moutoué, 1968, p. 736-738
- , Olszewski, 1977, p. 32-33
- , Olszewski, 1976, p. 428, 430
- , Kiefer, 1963, p. 40
- , Kiefer, 1963, p. 31
- , Kiefer, 1973, p. 49, <sup>sa</sup> 55, 57
- , Flossner, 1966, p. 225
- , ~~Kühnelt~~ <sup>Löffler</sup>, 1961, p. 1
- , Miegel, 1960, p. 16 (tbl. 7)

Marcus, 1976 : 214 Pl. 1

- PRETS + PAPIŃSKA, 1983: 485-486, TAB. 5, FIG. 1

- PESCE + PACE 1984: 133, 137

- DUSSART 1984: 64

- PESCE + MAGGI 1983a: 272, 274-276

- LINDBERG ~~63~~ 1950c: 63-68

- I. FERRARI ET AL. 1984: 1712-1713.

- LINDBERG 1943c: 29.

- J. E. GANNON + STEMBERGER 1981: 205.

- PECORINI 1959: 219.

- REY + DUPIN 1973a: 124-133, MYRENEES

- REY + DUPIN 1973b: 263-264, 269

Eucyclops serrulatus

card 7

- , Michajlow & Monchenko, 1967, p. 106, tbl. 1  
--, Lescher-Moutoué & Gourbault, 1971, p. 297  
--, Tiefert, 1979, p. 224-232  
--, Lindberg, 1956, p. 101  
--, Mashiro, 1951a, p. 18-19  
--, Mashiro, 1951b, p. 152, fig. 7d.  
--, Tiefert, 1978, passim  
--, Pesce & Maggi, 1979, pp. 168-169, 189-190  
--, Smith & Fernando, 1978, passim  
Chiovini & Ai-Vung, 1968, pp. 225, 229-230.



- Sendacz & Kubo, 1982, p. 51, 72-73
- Galhano, et al 1982, p. 14
- Auvray & Dussart, 1966: 481-491 figs 1-6
- Dukina, 1956: 686, fig. 2
- Cicchino, 1974: *passim*; fig 19-21-23
- Fernando, 1980: 103, t. 182.
- Hu, 1943: 121-122
- Herbst, 1952: 16
- Armengol, 1978: 75-78 fig. 65
- de Lepiney, 1962a: 215
- Lescher-Moutoué, 1974: 263-272. Fig 1-6.
- Roben, 1974: 117
- Harada, 1931: 149

Eucyclops serrulatus (Fischer)

card 8

-- Damian & Botosaneanu 1954: 1158, Romania

-- DUSSART 1984d: 255, E.S. OF FERNANDO r  
SMITH (1980) possibly = E. SUBCILIATUS N.SP.

-- DUSSART r FERNANDO 1985: 202

-- DUSSART 1981b: 140, 146, 149, 150, FIG. 8, NIGER BASIN

-- DUSSART 1981c: 162

-- Dussart, 1982: 42, pl. 8C

-- Ito, 1953a: 26, figs. 1-5

-- Ito, 1953b: 21,

-- Pesce, et al., 1982: 52

Eucyclops sernulatus (Fischer)

card 9

- Campos 1984: 1325 - Chile
- RÖBEN 1970: 115-146, GERMANY
- SMITH & FERNANDO 1980a: 11, 15, FIGS. 6A-E, CUBA
- SMITH & FERNANDO 1980b: 12, FIGS. 43-44, CUBA
- ZUÑIGA & DOMÍNGUEZ 1977: 112-120, Chilean lakes
- ROEN 1962: 158, GREENLAND; FIG. 33 p. 159.
- KOGA 1984b: 206, FIG. 61(25) - NAUPLIUS
- MÄRMETS & VELDRE 1956a: 16, 19 - ESTONIA
- FLÖSSNER 1984b: 151, L. BAIKAL

- Pesce, 1980: 560
- Alonso & Comelles, 1984: 1700
- Pearse & Wilson, 1938: 154
- Goubault & Lescher-Moutoué, 1967: 1814
- Pesce, 1985: 126, 128-131
- Sarvala, 1986: 126

EUCYCLOPS SERRULATUS (FISCHER)

CARD 10

- , SOOKSRI 1967: 5, 8, 30 (= E. AGILIS), 39
- , HUSMANN 1966: 259, 260
- MONCHENKO 1972: 79-82, RECORDS - KOSILKUM
- REID & SAUNDERS 1986: 821, COLOMBIA
- REID 1985: 37, FIGS. 103, 104; E. AGILIS (KOCH)

A SYNONYM

- CLAUS 1893e: 305; ALSO AS C. SERRULATUS; 307, 312, 313, 314, 318, 319, 320, 322-325, 329, 337-8, 340, 345 (= AGILIS KOCH), 291, 348; PL. II FIGS. 3, 4, PL. V FIG. 10, PL. VII FIGS. 4-11

EUCYCLOPS SERRULATUS (FISCHER)

CARD 11

-- MAZEPOVA 1955: 106-111, FIG. 1 (1-3), 2 (1, 2), 3 (1-3),  
5 (2)

— Kiefer, 1978: 213

-- REID 1987b: 262, COLOMBIA

-- ITO, TATSUNORI 1970b: 486

— Pesce, 1985: 301

— Sterba, 1964a: 289, Pl. 1

— Sterba, 1968: 222

— Steinitz-Kannan, et al, 1983: 91 Ecuador

Eucyclops serrulatus (Fischer)

card 12

-- Rouch 1968a: 117, 138

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

-- ROUCH ET AL. 1983: 96-, SPAIN

-- RADWAN ET AL. 1984: 991-995, POLAND

-- REDDELL 1981: 81

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

-- STELLA + MARGARITORA 1975/6: 4-, SARDINIA

-- RONNEBERGER 1975: 367-, GERMANY

-- FLÖSSNER 1985: 515, GERMANY

-- BORUTSKII 1966: 770, 771-CAVES, MARINE TERRITORY

Eucyclops serrulatus (Fischer) .

card 13

Cyclops s., Izawa 1987: 154-

E. - , REED 1970: 225-, TYROL

-- WILLIAMSON 1986: 17

-- SMITH & FERNANDO 1977: 1875-1877 (= E. AGILIS)

-- ROSSARO 1988: 97-104, PO RIVER, ITALY

-- RIVIÈRE ET AL. 1987: 427, MARQUESAS ISLANDS

-- ANTONIETTI ET AL. 1988: 547-, LAGO SCURO  
PARMENSE, ITALY



Eucyclops serrulatus (Fischer)

card 14

- Pesce et al. 1987: 179, Italy
- KIEFER 1931: 613, C. PECTINIFER PROBABLY SYN  
615, 582, 589, NEW JERSEY
- BJORNBERG, M. & POR 1986: 230
- HUTCHINSON 1953: 573-
- GREEN 1986: 140-, ARIZONA
- E. (EUCYCLOPS) -, RYLOV 1932: 256-257, PL. II FIG. 12, PL. III  
FIGS. 1-3, E. SIBERIA (VARS. PROXIMUS, BRACHYURUS)
- ROSOL & STERBA 1983: 70-

Eucyclops serrulatus (Fischer)

card 15

- Petkovski 1988: 40, 43
- KIEFFER 1981b: 276, NORTH ITALY
- Pesce, 1988: 416, Sicily
- BOTHÁR 1988: 1340-, RIVER DANUBE, HUNGARY
- EINSLE 1975: 82-
- REED, UNDATED MS: YUKON TERRITORY
- DUMONT & MAAS 1988b: 6
- C. -, SARS 1903: 235-, RECORDS - CENTRAL ASIA
- C. -, EKMAN 1904: 31-, SWEDEN

Eucyclops serrulatus (Fischer)

card 16

--Gauthier 1951:3

--ROUCH 1988c: 225-, FRANCE

--TONOLLI 1949c: 45-, ITALY

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

--BRANCELT 1987: 3, 4, 15, CAVES, YUGOSLAVIA

C.-, LIESENHENNE 1938: 9-, WILLAMETTE NATIONAL FOREST

C.-, BREHM 1908a: 448-

C.-, WECKER 1914: 198

C.-, PESTA 1911: 119, GERMAN ALPS

Eucyclops serrulatus (Fischer)

card 17

C. -, Timm 1903: 292, 293, 296-297, Elbe River

C. -, VAN DOUWÉ 1909b: 32-33, FIGS. 115-116, GERMANY

E. -, GOPHEN 1988: 375, LAKE KINNERET, ISRAEL

E. -, PAPINSKA 1984: 502-, MIKOLAJSKIE LAKE, POLAND

E. -, RAVERA 1951b: 261-, ITALY

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

C. -, LÖFFLER 1958: 248-, FIG. 18 (1-4), IRAN

-- LÖFFLER 1959c: 340-, AUSTRIA

-- LÖFFLER 1961c: 386-, IRAN

r

Eucyclops serulatus (Fischer)

card 18

--Smith & Fernando 1978b:37-, figs. 113-119, Ontario

-- ISHIDA, T. 1990:39-, SW JAPAN

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

-- REED 1990a:1-, ROCKY MOUNTAIN NATIONAL PARK

-- HERZIG 1983:71-

- CF. -, KIEFER 1938j:71-72, FORMOSA

-- BRANDL 1973:85-, CULTURE

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

-- MAIER 1990b:199; FIG.15, GERMANY

Eucyclops serrulatus (Fischer)

card 19

- Del Rio & Valdivia 1989:73-, Plate 1(1), Peru
- BRANCELJ 1990: 20, YUGOSLAVIA
- COLLADO ET AL. 1984: 115-, COSTA RICA, CUBA,  
HAITI
- FIEBS + VAN DE VELDE 1984: 183; FIGS. 4a-d, BELGIUM,  
FRANCE - ANTENNA
- HEMSEN 1952: 587, 616-619, FIGS. 37-39, IRAN
- RYLOV 1923: 78-79, Pl. III FIG. 23, MANCHURIA
- TORKE 1976: 7-, FIG. 2b, WISCONSIN; = F. AGIKIS

Eucyclops serrulatus (Fischer)

card 20

Cyclops -, G.W. Smith 1909:88

<sup>CF.</sup> -- DUSSART & FERNANDO 1990: 2595, 2597, 2599,  
FIGS. 12-19, ONTARIO

-- ISHIDA ET AL. 1991: 63-, LAKE KUSSHARO, JAPAN

-- PAGGI & PAGGI 1990: 690-, RIO PARANA' MEDIO, ARGENTINA

C. — Ward, 1940: 646, table 1 passim.

E. -, STELLA ET AL. 1973: 8-, ITALY

E. -, KIM & CHANG 1991: 300, TOKCHOK IS., KOREA, WELLS

C. (E.) -, COKER 1938: 84, NORTH CAROLINA

Eucyclops serrulatus (Fischer)

card 21

Cyclops -, Thiebaud 1912(14):161, 164, Colombia

C. - FORMA TYPICA, SOWINSKY 1888: 233, UKRAINE

-- MAIER 1991: 52

-- REED 1991b: 240, YUKON TERRITORY, CANADA

-- PESCE & GALASSI, 1984: 160, ITALY

-- ALEKSEEV 1990: 137, KIEV, UKRAINE

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

-- BOXSHALL & BRAIDE 1991: 186, FIGS. 18, 25, NIGERIA; =

E. AGILIS; = E. PRODUCTUS OR ONABAMIRO (1952)



Eucyclops serrulatus (Fischer)

card 22

-- Morton 1990: 668, records of E. s. auctorum from Australia = spp. incertae sedis; E.s. does not occur in Australia

-- ALEKSEEV 1990b: 15-, DIAPAUSE

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

-- PANDOURSKI 1992: 92, CAVES, BULGARIA

-- RÖBEN 1976: 458, 465, TENERIFE, CANARY ISLANDS

-- KIEFFER 1955d: 110, TURKEY

CYCLOPS -, SARS 1898: 350, JANA TERR., RUSSIA

Eucyclops serrulatus (Fischer)

card 23

-- Ishida 1993a: 165, Yakushima Island, Japan; LAKE BIWA

166

-- KIRFFER 1968 b: 158-, CAVES, N. ITALY

-- PLEŠA 1971: 836-, CAVES, SWITZERLAND

-- SHEN & SUNG 1965 c: 386-, NW CHINA

-- SHEN & SUNG 1965 d: 304-, TIBET

-- PESCE 1984 b: 293-, ITALY

-- BOXSHALL 1990: 210

-(P.)-, DEFAYE 1988: 104-, TAB. 1, ETHIOPIA; FIGS. 41-44

Eucyclops serrulatus (Fischer)

card 24

- Ishida 1994b: 125-, fig. 2a,b, Tokyo, Japan
- PESCE & GALASSI 1987d: 198-, ITALY
- LANSAC TÔHA & LIMA 1993: 91-, TAB. 1, S. PAULO, BRAZIL
- ISHIDA & ITO 1991: 77-, S. PRIMOR'YE, E. SIBERIA
- <sup>cf.</sup> KAWABATA & DEFAVE 1994: 144-, FIG. 1, LAKE KAHOKU-GATA, JAPAN
- PANDOURSKI 1994: 5-, BULGARIA
- ISHIDA 1994d: 8, 11, JAPAN
- UEDA, ISHIDA & IMAI 1996: 45, 50-51, FIGS. 15-29, JAPAN

EUCYCLOPS SERRULATUS (FISCHER)

(25)

- PLESA 1981:25
- YOO + LIM 1989:131-132, PL. 6 FIGS. 1-8, KOREA
- WYNGAARD + CHINNAPPA 1982:486 -
- CF. -, KIEFFER 1938:123, MOROCCO
- PETKOUSKI 1984:136, SLOVENIA
- EINSLE 1971:28-29, FIG. 5, CONGO/ZAIRE
- I. FERRARI ET AL. 1991:2823, ITALY
- FLÖSSNER 1986:6, 27-30, FIG. 15, MONGOLIA
- CYCLOPS -, KIEFFER 1927:140, 141, GERMANY, ROMANIA

EUCYCLOPS SERRULATUS (FISCHER)

(26)

- S.L., REID + REED 1994: 80, YUKON TERRITORY, CANADA
- PETKOVSKI + BRANCELT 1985: 5, SLOVENIA
- BRANCELT 1994: 98, TAB. 3, SLOVENIA
- ISHIDA 1984: 53, 54, HOKKAIDO, JAPAN
- ISHIDA 1989: 1, HONSHU, JAPAN
- ISHIDA 1989: 25-26, HOKKAIDO, JAPAN
- ISHIDA 1995: 299-300, TAB. 1, HOKKAIDO, JAPAN
- ISHIDA + KOBAYASHI 1992: 207, TAB. 1, SAKHALIN PEN.
- ROEN 1968: 1, 24, 48-49, TAB. II, GREENLAND

EUCYCLOPS SERRULATUS (FISCHER)

(27)

- ROY 1929: 392, SAHARA DESERT
- UEDA, OHTSUKA + KURAMOTO 1996: 305-307, FIGS. 1, 2,  
CAVE, JAPAN; AS "CF."
- KIEFFER 1927: 72-73, FIG. 4
- KIEFFER 1927: 200, GERMANY
- PESCE, GALASSI + COTTARELLI 1995: 97, 98, ITALY
- KIEFFER 1933: 62, TAB. I, GERMANY
- BORUTSKY 1966: 77, PRIMORSKY KRAI, RUSSIA
- CYCLOPS -, HERRICK 1887: 14, ALABAMA, USA

EUCYCLOPS SERULATUS (FISCHER)

(28)

CYCLOPS SERULATUS, REHBERG 1884: 3, SYN. OF C.

AGILIS

C. -, BREEMEN, VAN 1907: 3, 34-37, PL. I FIGS. 27,  
31, 33, NETHERLANDS

-- UREDA + ISHIDA 1997: 41, 52

-- DEPAYE, SUCH + DUSSART 1985: 119, 126, FIG. 19 (1)

FRANCE

-- SANTOS + ANDRADE 1997: 221-225, SÃO PAULO, BRAZIL

-- LOPES, R. ET AL. 1997: 45, TAB. 1c, PARANÁ, BRAZIL

EUCYCLOPS SERRULATUS (FISCHER)

(29)

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

-- GALASSI 1991: 276, ITALY



Eucyclops serrulatus serrulatus Fischer

---Bothár & Oertel 1977: 41, 42, 45, 46

-- TYR, VELDRE & MÄEMETS 1956: 18-20, Pl. III FIGS. 1-4,  
ESTONIA

— Damian-Georgescu, 1963: 72-76, fig. 37

---, BORUTZKY, 1960: 80, FIG. 30(6); ---, 201

-- MAZEPOVA 1978: 11, 22-27, FIG. 3 (1-3, 6, 7, 11-13,  
20, 24), TAB. 2, LAKE BAIKAL

--- MARCUS & IONESCU 1974: 124, ROMANIA

Eucyclops cf. serrulatus (Fischer)

--, Kiefer, 1952, p. figs. 94, 96, 97, 99, 101, 102, p. 9, 12

13, 14, 15, 16

-Dussart & Fernando, 1985: 239-241, fig. 68-74

--- OSORIO TAFALL 1943: 50-, CAVES, MEXICO

*Eucyclops serrulatus* auct.

-- -- Lindberg, 1955, pp. 471-476.

— —, Dussart 1967:92

--, LINDBERG, 1955: 475

C. serrulatus Marsh, 1913, p. 13.

— — Meissner, 1904, p. 58: pl. unkn., f. 24-25

— — Schmeil, 1892, p. 141: pl. 5, f. 6-12: 189

— — Ruski, 1889, p.

p. 29

— — De Guerne & Richard, 1891, p. 11.

— — Pearse, 1905, p. 151.

— — Lubbock, 1863, p. 197.

— — Scourfield, 1898, p. 326; 1903, p. 535.

— — Meissner, 1905, p. 177.

— — Herrick & Turner, 1895, p. 111: pl. 15,

f. 8-11: pl. 19, f. 2-5: pl. 26, f. 10: pl. 29, f. 17-19

- — Forbes, 1897, p. 54: pl. 17: pl. 18, f. 1-3.
- — Turner, 1910, p. 158.
- not — Lilljeborg, 1853, p. 158: pl. 15, f. 12.
- — G. O. Sars, 1863, p. 254.
- — Claus, 1863, p. 101: pl. 1, f. 1-2: pl. 4, f. 12: pl. 11, f. 3.
- — Frič, 1872, p. 222: text-fig. 18.
- — Uljanin, 1875, p. 34: pl. 8, f. 1-8.
- — Hoek, 1878, p. 22.
- — Brady, 1878, vol. 1, p. 109: pl. 22, f. 1-14.
- — Schmeil, 1898, p. 156: 1891, p. 29.
- — Lilljeborg, 1901, p. 81: pl. 5, f. 1-6.
- — Burekhardt, 1913, p. 445.

- C. serrulatus G.M. Thompson, 1883, p. 96: pl. 11, f. 19-22
- C. pectinifer Cragin, 1883, p. 6: pl. 4, f. 1-7.
- C. serrulatus, var. elegans Herrick, 1884, p. 158.
- C. agilis Koch, 1841, heft 21, pl. 3. (q.v.).
- C. serrulatus Brady, 1891, p. 18: pl. 7, f. 1.
- — Richard, 1891, p. 234: pl. 6, f. 19.
- — Marsh, 1893, p. 215: pl. 6, f. 2-5.
- — Richard, 1893, p. 8: Scott, 1893, p. 73,
- — Herrick & Turner, 1895, p. 111: pl. 15, f. 8-11: pl. 19, f. 2-5: pl. 26, f. 10: pl. 29, f. 17-19.
- — Marsh, 1895, p. 19 — Steyer, 1897, p. 34.

- — Matile, 1897, p. 131: pl. 2, f. 18-19.  
not — Lilljeborg, 1901, p. 81: pl. 5, f. 1-6  
— macrunoides Lilljeborg, 1901, p. 85: pl. 5, f. 7-11.  
— serrulatus Byrnes, 1909, p. 27: pl. 12, f. 1-5  
— varius Lilljeborg, 1901, p. 87 (q.v.).  
— serrulatus, Timm, 1894, p. 386.  
— — Lepeschkin, 1900, p. 7.  
— — Brian, 1925, p. 190.  
— — Sars, 1903, p. 219.  
— — Haroche, 1906, p. 49: pl. 1, f. 5-6: pl. 2, f. 9: pl. 3, f. 6-7.  
— — Pesta, 1924, p. 550.  
— — Klie, 1925, p. 128:  
— — Stenroos, 1898, p. 231:  
— — Gajl, 1926, p. 88 — Tatra Mts.  
— — J. E. Moore, 1952, p. 423. S. Saskatchewan.

Cyclopoida

Cyclops serrulatus Fischer, ♀.

- — Fischer, 1851, p. 423: pl. 10, f. 22, 23, 26-31
- — Claus, 1857, p. 36: pl. 1, figs. 1-3.
- — Gruber, 1879, p. 432: pl. 26, figs. 7, 15.

A synonym of Leptocyclops agilis.

(Sars, 1914, p. 71).

Claus named this Eucyclops serrulatus, 189  
p. 348

(over)



Eucyclops serrulatus var. proximus (Lillejeborg, 1901)

--- Mäemets & Veldre 1956a: 20, ESTONIA

--- VELDRE & MÄEMETS 1956: 18, 20, ESTONIA

— Damian-Georgescu, 1963: 76, fig. 40

--- BORUTZKY, 1960: 80, FIG. 30(7); 201

--- MONCHENKO 1972: 78-81, KISILKUM

--- MAZEPOVA 1955: 107, III

— Sterba, 1968: 222

--- RYKOV 1932: 256, Pl. II FIGS. 2, 3, E. SIBERIA

Eucyclops serrulatus var. proximus (Lill.)

card 2

C.-- Rylov 1923:78-79, Manchuria

E.--, FLÖSSNER 1986:29, 30

Eucyclops serrulatus speratus (LILLJE BORG)

- -- Lindberg, 1959, p. 11.
- -- Lindberg, 1960, pp. 1-16.
- -- Lindberg, 1962, pp. 271-274.
- -- Lindberg, 1956, p. 114.
- -- Lindberg, 1955, pp. 471-476.
- -- Lindberg, 1955,<sup>c</sup> p. ~~4~~ 192
- -- Lindberg, 1950, p. 30, chart.
- -- Lindberg, 1950, pp. 7-10, chart.
- -- Lindberg, 1953, pp. 19-39.
- Lindberg, 1961c : 10

--- - Lindberg, 1953, pp. 3-8.

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

?, Sterba, 1964, p. 198

--, LINDBERG, 1955: 472, 475

-- LINDBERG 1950c: 64-69

-- MÄEMETS & VELDRE 1956a: 20, ESTONIA

-- VELDRE & MÄEMETS 1956: 18-20, Pl. III FIGS. 5-6,  
ESTONIA

-- BORUTZKY, 1960: 80, FIG. 30 (4)

-- MAZEPOVA 1955: 107, III

*Eucyclops serrulatus suecicus* Lindberg 1950

— Lindberg, 1950g: 278-280, fig 13

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 475

Småland, Sweden.

Eucyclops serrulatus tropicalis D & F.

-Dussart & Fernando, 1985: 239-241, fig. 59-67

*Lucyclops silvestrii* (BRIAN) 1927

-- -- Lindberg, 1955, pp. 471-476.

-- -- Lindberg, 1954c pp. ~~193-222~~ 199-200, fig 3a-c

--, LINDBERG, 1955: 475, 469

--, Ringuelet, 1959, p. 317

-- DUSSART 1984: 64

-- REID 1985b: 40, FIGS 127-129

-- PETKOVSKI 1988: 43-

Eucyclops siolii Herbst

- -- Herbst, 1962. pp. 264-266, fig. 12-17
- DUSSART 1984:64
- REID 1985b:41, FIGS. 144-146
- PETKOVSKI 1988:43



Eucyclops solitarius Herbst, 1959

- -- Herbst, 1959. pp. 49-51, fig. 1-4
- DUSSART 1984: 64
- REID 1985b: 40, FIGS. 121-123.
- PETROUSKI 1988: 43
- CF. --, DEFAYE & DUSSART 1988(89): 110, 111, 118,  
FIGS. 81-87, FRENCH GUIANA
- REID 1993(1994)a: 60-, CENTRAL BRAZIL
- SANTOS & ANDRADE 1997: 221-225, SÃO PAULO, BRAZIL

*Eucyclops spatharum* Harding

----- Harding, 1942, p. 186, figs. 20-26, ♀♂, Lake  
Young, Rhodesia.

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 475

--, DUSSART 1974: 99-101; Fig. 4.

- SPATHANUM, HUTCHINSON 1953: 573 -

-- DUMONT & VERHEYE 1984: 320

-(E.)-, DEFAYE 1988: 104-, TAB. 1, ETHIOPIA; FIGS. 52,

- - EINSLE 1971: 34

Eucyclops spatulatus Morton, 1990

- MORTON, 1990: 657, 658-660, FIGS. 1e-d, 1. sp.  
♀ + ♂, AUSTRALIA; ? SYN. E. SPERATUS VAR. TASMANICA  
-- Reid 1992a: 236

Eucyclopinæ, - Cyclopoidea

Eucyclops speratus (Lilljeborg) ♀, ♂ 1901

— — F. Kiefer, 1929, p. 33

— —, Dussart + Aguesse, 1956.

— —, Aguesse, 1957, p. 242 (in list) Mouth of Rhône.

-- --, Herbst, 1957. pp. 224, 226-228, fig. 4-5

--, Kiefer, 1960, p. 438.

Habitat Sweden, Norway, N. Africa

— — Lindberg, 1939 f : 378

— — 1966, p. 489, Norway. & Dussart

--, PENNAK, 1963 : 358

--, Kiefer, 1960, p. 438

--, Herbst, 1955, p. 278

- Lindberg, 1942a: 82-83, fig. 7a-b.

--, Sramek-Husek, 1933, p. 1-, ~~pkx~~

--, Anderson, 1974, p. 859

--, Herbst, 1953, p. 147

--, Kiefer, 1958, p. 48

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

--, HARRIS, 1978: 28, 32, 33

--, SHEN & TAI, 1962b: 404, 407

--, ACADEMIA SINICA, 1979: 321, 325-326; FIG. 184; SEE P.

325 FOR SYNONYMIES

--, MONCHENKO, 1978b: 57

EUCYCLOPS SPERATUS

CARD 2

-- J. E. GANNON & STOCKWELL 1978: 67.

--, HALL & WATERMAN, 1968: 188; TAB. 1, 2

--, DUMONT & DECRAMER, 1977: 258, 259, 262; FIG. 4

--, Robertson & Gannon, 1981, pp. 386, 388.

--, Smith & Fernando, 1978, passim

--, Chia-jui & Ai-yung, 1962, pp. 225, 230-231, figs. 167

--, Shiozawa, 1978: passim

— Herbst, 1952: 16

— Armengol, 1978: 78, fig 67

-- RÖBEN 1970: 115-146, GERMANY

Eucyclops speratus (Lilljeborg)

card 3

- Smith & Fernando 1980a: 11, 15, figs. 6F,G - Cuba
- SMITH & FERNANDO 1980b: 12, FIGS. 43-44, CUBA
- SAGE ET AL 1976: 85, TAB. 1 - POTOMAC RIVER
- DUSSART 1981c: 163 (= EU. SERRULATUS SPERATUS)
- Pesce, 1982: 53
- Kiefer, 1978: 213
- Sarvala, 1986: 126
- FLÖSSNER 1985: 515, GERMANY
- HARRIS, M. J. 1973: 127, PL. 6 FIG. 33, MISSISSIPPI

Eucyclops speratus (Lilljeborg)

card 4

-- Shiozawa 1986: 1657-, Minnesota

-- BALZER ET AL. 1984: 115, FIG. 90, GREAT LAKES

E. SERRULATUS VAR. SPERATUS, RYKOV 1932: 270

E. SERRULATUS -, LÖFFLER 1959c: 340-, AUSTRIA

E. " " , LÖFFLER 1961c: 386-, 393

E. SPERATUS, SMITH + FERNANDO 1978b: 37-, FIGS.

120-123, ONTARIO

-- JOLLBERGER + MEADOR 1990: 201-, TEXAS STREAM

-- REED 1990a: 81-, ROCKY MOUNTAIN NATIONAL PARK



Eucyclops speratus (Lilljeborg)

card 5

-- Bunting 1973: 139-140, Tennessee; ?= E. serrulatus elegans of some authors in Tennessee

-- COLLADO ET AL. 1984: 115-, CUBA

-- FIERB & VAN DE VELDE 1984: 188, FIG. 4C

-- COX & HENDRICKSON 1991: 39

-- HAURY 1981: 10-, COLORADO RIVER, ARIZONA

-- TORKE 1976: 7-, FIG. 2C, WISCONSIN

C. (E.) AGILIS SPERATUS, HARDING + SMITH 1974: 39-,  
BRITAIN

Eucyclops speratus (Lilljeborg)

card 6

-- Dussart & Fernando 1990:2595-

-- REID 1990g: 180

-- KRIEGER & KLARER 1991: IN LITT. - LAKE ERIE, OHIO, MA

-- SHIOZAWA 1991: 292-, MINNESOTA

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

-- WILLIAMSON 1991: 810

CYCLOPS ? SPERATUS, MCKEE & COKER 1940: 185, NORTH  
CAROLINA

C. (E.) "SERRULATUS" - LONG FURCA, COKER 1938: 84, NC

Cyclops (Eucyclops) speratus (Lilljeborg, 1901)

CARD 7

---, Pesta, 1928, pp. 109-10, fig. 90

E. s., REID 1992a: 236, 251

E. serrulatus var. speratus, ALEKSEEV 1990: 138

E. s., ISHIDA 1994b: 125-, FIG. 2c, TOKYO, JAPAN

E. s., KAWABATA + DEFAYE 1994: 144-145

E. s., CZAIKA 1974b: 12

E. s., REID + MARTEN 1995: 40

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

EUCYCLOPS SPERATUS (LILLEBORG, 1961)

Ⓕ

- UEDA, ISHIDA + MAI 1996: 45, 51-53, FIGS. 31-39, JAPAN
- PLESA 1981: 25
- MALLEY + CHANG 1995: 276-285, ONTARIO, CANADA
- WYNGAARD + CHINNAPPA 1982: 508, TAB. 5
- ANDERSON 1974: 859, TAB. 1, W. CANADIAN ROCKIES
- PETKOVSKI 1984: 136, SLOVENIA
- BINFORD 1978: 2527-2528, TABS. 4, 5, LOUISIANA, USA
- ISHIDA 1995: 299-300, TAB. 1, HOKKAIDO, JAPAN
- UEDA, OHTSUKA + KURAMOTO 1996: 305, 307, FIG. 3, JAPAN

EUCYCLOPS SPERATUS (LILLJEBORG, 1901)

(9)

-- KIEFFER 1927:200, GERMANY

-- DODSON & SILVA-BRIANO 1996:167, 170, TABS. 3, 6,

AQUASCALIENTES, MEXICO

- CF. -, UEDA & ISHIDA 1997:41-44, FIG. 2, RYUKYUS

-- VEKHOV 1997:25-26, TAB. 1, F. BARENTS SEA ISLANDS

EUCYCLOAS SPERATUS ELEGANS - SEE E. ELEGANS

EUCYCLOPS SPERATUS IFNIEWSIS

--, Dumont & De Craemer, 1977: 258, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Eucyclops speratus-serrulatus group

-, Roen, 1957, p. 5



*Eucyclops speratos* n. nov.  
Tasmanicus

-- Breckin, 1953, p. 68

--- MORTON 1930: 658-, ? SYN. OF EUCYCLOPS  
SPATULATUS N. SP.

Cyclops serrulatus Fischer

--, Juday & Muttkowski, 1915, p. 31

C. (Eucyclops) serrulatus s. restr., Pesta, 1928, p. 108-  
9, fig. 89

--, Sramek-Husek, 1933, p. 1

--, Behning, 1926, p. 46

--, Litynski, 1922, p. 13, 34

--, Kiefer, 1923, p. 124

- (Eucyclops)--, Baldi, 1932, p. 5-10, figs. 1-11<sup>5</sup>

--, Coker, 1926, p. 233-, 248, pl. 40, figs. 3, 4<sup>1</sup>

--, Eddy, 1934, p. 27, 35, 59

--, Fincher & McGinty, 1952, p. 100

--, BRIAN 1927: pp. 27-28.

—, Chappuis, 1927: 42

--, Wilson, 1960, p. 164

--, Mc MAHON, 1954: 479-499; FIGS. 2, 4-8; TAB. I-VII.

--, ANDREAE, 1955: 285

--, FANTA, 1976: 212

--, Cederström 1893: 150.

--, DODDS 1926: 26.

--, Daday, 1905: 138-

--, Haber bosch 1920: 108

--, Willey, 1923: 309, 311

-- ? : Coker 1938: 132. White Lake, NC.

Cyclops serrulatus Fischer

card 5

- , Stella, 1964, p. 61
- , Scheffer, 1933, p. 25, 29
- , Aparecida Juliano de Carvalho, 1971, p. 371
- , Lindberg, 1939f: 376
- Thomasson, 1956: 132
- Manfredi, 1923: passim
- Reuter-Schiltz & Hoffmann, 1970: 223-226  
fig. 17-21
- Spandl, 1926: 122
- Stromsten, 1920b: 269

Cyclops serrulatus Fischer

card 6

-- Olive 1955: 433.

-- J F MOORE 1952: 423-445.

-- BAJKOV 1929: 362, CANADIAN LAKES

-- BREHM 1955c: 259

-- CARL 1944: 30, CROTEAU, MCKENZIE, WOODS, BEAUTIFUL,  
+ MEADOW LAKES, B.C.

-- CHANDLER, D. 1939: 27, 33, 36 - HURON RIVER

-- DICKINSON 1948(49): 23, NORTH FLORIDA

- Kiefer, 1925: 339-343

CYCLOPS SERRULATUS FISCHER

CARD 7

-- , CLAUS 1893e: 291, 305, 307, 312-314, 318-320, 322-325,  
329, 337-8, 340, 345; ALSO AS EUCYCLOPS S.; (= AGILIS KOCH)

-- , ZIEGELMAYER 1925: 503, 510, 525

-- RICHARD 1887a: 160, FRANCE, RECORDS

-- KIEFER 1931: 615

-- STEUER 1897: 526-527, AUSTRIA-HUNGARY;  
SYN. C. AGILIS KOCH.

-- G. W. SMITH 1909: 88.

E: KIEFER 1955: 165, NORTHERN ITALY

E. - SHEN + SUNG 1963: 83, 95, TIBET

EUCYCLOPS SERRULATUS f. AGILIS

CYCLOPS --, YEATMAN 1943: 29, 30, 35 - WELLS,  
N. CAROLINA

EUCYCLOPS SERRULATUS BAICALOCORREPIUS MAZEPOVA

--- MAZEPOVA 1955: 106-111, FIGS. 1 (4, 5), 2 (3-5), 3 (4),  
4 (3), 5 (1), n. ssp. ♀♂, LAKE BAIKAL.

---, BORUTZKY, 1960: 78

--- MAZEPOVA 1978: 11, 21, 22-27, FIG. 3 (4-5, 8-10,  
14, 19, 21-23, 25-32), TABS. 2, 3, REDESCRIBED  
FEMALE + MALE, LAKE BAIKAL

--- ALEKSEEV 1990: 138

--- MAZEPOVA 1962: 174, LAKE BAIKAL



Eucyclops serrulatus var. brachyurus *Lill.*

--- Rylov 1932: 256-257, Tab. II Fig. 12, tTab. III  
Fig. 1, E. Siberia

-- VAR. BRACHYURA, RYLOV 1923: 78-79, MANCHURIA

Eucyclops serrulatus forma brevicaudata Sowinsky

--- Sowinsky 1888:235-, Ukraine

Eucyclops serrulatus subsp. chilensis Loffler

-- -- Loffler, 1962, pp. 170-171, f. 77-84

-- - DUSSART 1984: 64

--- REID 1985b: 40, FIGS. 130-132

--- PETKOVSKI 1988: 43-

Eucyclops serrulatus defectus

-- -- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 473

Eucyclops serrulatus var. denticulata

Cyclops --, Schaufs 1908:165

EUCYCLOPS SERRULATUS ELEGANS - SEE E. ELEGANS

Cyclopidae--Cyclopoida  
Eucyclopinae

*Eucyclops serrulatus* *extensus* Hsiao

1950. Hsiao, pp. 173-178, fig. 22.

Eucyclops serrulatus var. mihi

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



?Fucyclops serrulatus nagasakai ?

---, Sterba, 1964, p. 198

--, ACADEMIA SINICA, 1979: 321, 322, 323-325; FIG. 183

-- var. --, MAZEPOVA 1955: 107

- — Herrick, 1882, p. 230, pl. 5, f. 1-5:  
— — Herrick, 1884, p. 157: pl. 0, f. 17-19, pl. 7, f. 10  
— — Marsh, 1918, p. 779: text-fig. 1226.  
— — Fowler, 1912, p. 128: pl. 34.  
— — Byrnes, 1909, p. 27: pl. 12. fig. 4-8  
— — Marsh, 1909, p. 1094: pl. 88, f. 5-9: pl. 89, ^  
— — setosa Haldeman, 1842, p. 331.  
— — serrulatus, Brady, 1906, p. 698.  
— — Brewer, 1898, p. 134.  
— — Heller, 1871, p. 72.  
— — Honigmann, 1910, p. 23.  
— — Kofoid, 1900, p. 119.

Eucyclops stuhlmanni (Mrázek) ♀, ♂ ⊙

— — F. Kiefer, 1929, p. 38:

-- -- Lindberg, 1957, p. 138.

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1952, p. 88-89, figs. 107, 108, 111 ,  
113-115

Habitat Eastern Africa

--, Lindberg, 1951, p. 189

--, LINDBERG, 1955: 471

-- DUMONT & MAAS 1988 6:6

Eucyclops stuhlmanni stuhlmanni (Mrazek, 1895)

(2)

---, Kiefer, 1952, p. 89-90, 9,

E.S., EINSLE 1971: 30-33, FIG. 7, CONGO / ZAIRE

Eucyclops stuhlmanni stuhlmanni forma minor Kiefer, 1952

----, Kiefer, 1952, ~~px~~ fig. 107, 108, 111, 113-115, p.  
90, 9, 16

*Eucyclops stuhlmanni echinatus* (Kiefer, 1926)

-- -- Lindberg, 1955, pp. 471-476.

---, Kiefer, 1952, p. 90, 9,

--, LINDBERG, 1955: 471

- Dussart, 1982: 43-45, pl. 9 A

*Eucyclops stuhlmanni tepidus* Kiefer, 1952

-- -- Lindberg, 1955, pp. 471-476.

n. subsp., Kiefer, 1952, p. 90, 9

--, LINDBERG, 1955: 471

Eucyclops subciliatus Dussart 1984

-- Dussart 1984d: 255-257, fig. 1, n. sp. ♀♂, Brazil;  
possibly = *E. serrulatus* of Smith & Fernando 1980



Eucyclopinæ - Cyclopoida

Eucyclops sublaevis (O. Sars) ♀, ♂

— Lindberg, 1951g: 53 —, fig. 1.

— — F. Kiefer, 1929, p. 36:

— — Kiefer, 1934, p. 157

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1957, p. 137

--, LINDBERG, 1955: 473

Habitat So. Africa

-- DEFAYE 1988: 104, TAB. 1, ETHIOPIA

EUCYCLOPS SUBTERRANEUS (E. Graet.) ①

CYCLOPS MACRURUS VAR. SUBTERRANEA, E. GRAETER, 1907.

E. - PESCE, 1984: 22

E. - Pesce, 1980: 560

E. Kiefer, 1978: 213

E. ALEKSEEV 1990: 138

92, CAVE, BULGARIA

E. - PANDOURSKI 1992: 97; SYNS. CYCLOPS GRAETERI,

EUCYCLOPS MIURAI, EUCYCLOPS MACRURUS INTERMEDIUS.

C. GRAETERI, CHAPPUIS 1927: 42.

EUCYCLOPS SUBTERRANEUS (E. GRAETER, 1907) ②

-- PLESA 1971: 836-, FIGS. 1, 2, CAVES, SWITZERLAND,

SYNS: C. GRAETERI, E. MIURAI, E. MACRURUS

INTERMEDIUS

-- PLESA 1989: 39-45, TAXONOMIC REVIEW + SYNONYMY

-- POSPISIL 1994: 33-

-- KAWARATA + DEFAYE 1994: 145; ALSO AS E. MIURAI

E.S.S.LAT., PANDOURSKI 1994b: 96-, FIG. 1-C, BULGARIA

CYCLOPS MACRURUS SUBTERRANEA, KIEFFER 1933: 61

E.S., PESCE 1985: 134, ITALY

= E. SUBTERRANEUS

Eucyclops macrurus intermedius (Damian,  
1955)

--, DAMIAN 1955: 427; Fig. 1.

→ Damian-Georgescu, 1963: 84-85, fig. 45

= *E. SUBTERRANEUS*

*Eucyclops miurai* Ito, 1952

-- 1952---pp. 116-117, figs. 1-7.

-- ~~1953~~ Ito, 1953a: 26-27, fig. 6-13

-- Ito, 1953b: 22, fig. 5-10

-- ITO 1954: 381-383, FIGS. 17-41, WELLS, JAPAN

-- ITO 1964: 122, TABLE 3

-- PLESA 1989: 42-43, SYN. OF SUBTERRANEUS

Eucyclops subterraneus damiana Petkovski, 1979

---, Pesce & Maggi, 1979, p. 168, 172, 189-190.

~ Kiefer, 1978: 213

-- PESCE 1985: 134, ITALY

Eucyclops subterraneus intermedius  
(Damian, 1955)

--- , Pesce & Maggi, 1979, pp. 168, 170-172,  
189-190, fig. 1.

--- PANDOURSKI 1992: 92, 97, FIG. 3, CAVE, BULGARIA

--- PLESA 1989: 42-43

Eucyclops subterraneus naphaeus n.ssp.

--, Petkovski, 1972, p. 77-84, figs. 1-14

— Kiefer, 1978: 213

E.(E.)--, PLESA 1989: 42-



Eucyclops (Eucyclops) subterraneus scythicus Plesa, 1989

---- Plesa 1989: 39-45, figs. 1a-e, n. ssp. female only,

Romania

Eucyclopinæ - Cyclopoida

Eucyclops tenellus (Sars) ♀

— — Sars, 1909, p. 52, pl. 15: figs. 118 — 127.

— — Kiefer, 1931, p. 508

-- KIEFFER 1930: 119-120

Habitat. North America, Africa,

Eucyclopinæ - Cyclopoida

Eucyclops terras (E. Graeter) ♀ ①

— — F. Kiefer, 1929, p. 39:

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

-- -- Lindberg, 1955, pp. 471-476.

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

— Kiefer, 1978: 213

Habitat. Switzerland

-- ROUCH 1968a: 99

-- PLEŠA 1971: 838; FIGS. 3, 4, PL. Ia, b, CAVE,  
SWITZERLAND

EUCYCHOMS TERAS (GRAETER)

(2)

-- POSPISIL 1994: 43 -

-- KIEFER 1933: 61

Eucyclopiinae - Cyclopoida

Eucyclops thienemanni (Kiefer) ♀, ♂

— — Kiefer, 1933, p. 553: figs. 56-60

-- -- Lindberg, 1955, pp. 471-476.

--, Kiefer, 1957, p. 137

-- Löffler, 1963, p. 212.

--, LINDBERG, 1955: 473

Habitat. Java

Eucyclops turcomanus Lindberg,

-- -- Lindberg, 1959<sup>a</sup>, p. H. 13-16, fig 1a-h

-- -- Lindberg, 1960<sup>b</sup>, p. ~~16~~ 10

- TURCOMANICUS, LÖFFLER 1961c: 386

Eucyclops van Douwii (V. Brehm) ♂ ①

-- Kiefer, 1929, p. 34:

-- Kiefer, 1928, p. 548: figs. 20 - 22.

-- Lindberg, 1957a, p.: ~~138-140~~ 145-149, fig 2a-

-- Lindberg, 1955, pp. 471-476.

--, LINDBERG, 1955: 474

Habitat Africa

-- DUMONT & VERHEYE 1984: 920

-- DUSSART & FERNANDO 1985: 202

-- DUMONT & MAAS 1988b: 6

Eucyclops vandouwei (Brehm, 1909)

card 2

- vandonwei, Alekseev 1990: 138



Eucyclopiinae - Cyclopoidea

Eucyclops varicoides (Brady) ♀

Cyclops Brady, 1907-1908 -, p. 423, pl. 33: figs. 3-4.

Eucyclops Kiefer, 1931, p. 510: figs. 7-8.

E. -, KIEFER 1930: 118-119, figs. 1, 2, SYN. CYCLOPS VIRESCENS

Habitat. West Africa, Gold Coast

Eucyclops sp.

- --, Herbst, 1959. pp. 51-52, fig. 5-7
- , Kiefer, 1952, p. 90-91
- , Herbst, 1967, p. 96
- REID 1985b: 40, FIGS. 124-126.
- REID 1987c: 122-3, WET CAMPO, BRAZIL
- DURONT ET AL. 1981: 165, MALI
- CABIANCA + SENDACZ 1985: 91, BORBA RESERVOIR  
SP, BRAZIL
- FIRRS + VAN DE VELDE 1984: 183; FIG 4c, BURUNDI  
OR 4e?

Eucyclops sp.

card 2

-- Strayer 1988(89):201-, se New York

-- NAIDENOV + PANDOURSKI 1992a: 9, CAVE, BULGARIA

-- PANDOURSKI 1992: 92, CAVES, BULGARIA

-- ISHIDA 1993a: 166, LAKE BIWA, JAPAN

-- CZAIKA 1978b: 3-, LAKE ONTARIO

-- PLEŠA 1971: 838, CAVE, SWITZERLAND

- a, REID 1993(1994)a: 60-, CENTRAL BRAZIL

-- LANSAC TÔHA + LIMA 1993: 91-, TAB. 1, S. PAULO, BRAZIL

-- PANDOURSKI 1993: 165-, CAVES, BULGARIA

Eucyclops sp.

card 3

-- Czaika 1974b: 8-, Tab. 1, Lake Ontario

-- PANDOURSKI 1994: 5-, BULGARIA

-- SANTOS + ANDRADE 1997: 221-225, SÃO PAULO, BRAZIL

-- LANSAC-TÔHA ET AL. 1997: 140, TAB. 3, PARANÁ, BRAZIL

EUCYCLOPS sp. nov.

--- TIMMS & NORTON 1988: 163--, AUSTRALIA

--- NORTON 1990: 660, = E. AUSTRALIENSIS sp. nov.

EUCYCLOPS SPEC. INDET. 1, DUMONT 1981

--- DUMONT 1981b: 99, 105, WEST AFRICA

EUCYCLOPS SPEC. INDET. 2, DUMONT 1981

--- DUMONT 1981b: 99, 105, WEST AFRICA

EUCYCLOPS SPP.

-- LESCHER-MOUTOUÉ 1996: 207 -