

Specocyclops Cyclopidae: Cyclopoida ①  
KIEFER, 1937

- Lindberg, 1953c: 77-81 Key.
- Lindberg, 1953f: 28-36 spp. in Greece
- Lindberg, 1954b: 107-109 Key.
- Damian-Georgescu, 1963: 176-177
- MONCHENKO 1986: 338
- LESCHER - MOUTOUÉ' 1966: 673-687, DEVELOPMENT.
- SHEN + TAI 1964c: 375
- LEWIS, M. 1986: 120-
- BJORNBERG, M. + POR 1986: 229

Speocyclops Kiefer, 1937

card 2

- Reid 1988d: 429-430, Tab. 1, cf. Yansacyclops gen. nov.
- LESCHER-MOUTOUÉ 1967: 277-284, IN PYRENEES
- SPAEOCYCLOPS, POR 1981: 45
- BORUTSKY 1965: 839-842, WORLD KEY.

Cyclopoida

Speocyclops anomalus Chappuis and Kiefer, 1952

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130,  
figs. 33-36. - n. sp.

--, Lescher-Moutoué & Gourbault, 1971, p. 297

— Lindberg, 1953c: 79

-- LESCHER-MOUTOUÉ' 1966: 673, DEVELOPMENT, FRANCE

— Kiefer, 1978: 216

-- ROUCH 1988c: 225-, FRANCE

-- LESCHER-MOUTOUÉ' 1967: 277-, PYRENEES

-- BORUTSKY 1965: 838, 839

Speocyclops arregladensis Chappuis and Kiefer

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130,  
figs. 25-29.

— Kiefer, 1978:216

-- LESCHER-MOUTOUF 1967: 277, PYRENEES

-- BORUTSKY 1965: 838, 840

-- KIEFER 1955: 165, CAVE, S. FRANCE

SPEOCYCLOPS CANTABRICUS LESCHER-MOUTOUÉ,  
1976

- LESCHER-MOUTOUÉ, 1976a: 86-89 ♀♂; FIGS. 1-14
- Kiefer, 1978: 216
- ROUCH ET AL. 1983: 96 -, SPAIN
- REID 1991d: 272

Speocyclops Castereti, ~~n~~-sp. Lindberg.

--- Lindberg, 1954<sup>d</sup>, p. 73-75, fig. 1-6

-- BREHM 1955c: addendum top. 259.

— Kiefer, 1978: 215

-- LESCHER-MOUTOUÉ 1967: 279; PYRENEES

S. CASTARETI, BORUTSKY 1965: 838, 839

Speocyclops cerberus (Chappius)

-- -- Lindberg, 1954, p. 108.

— Lindberg, 1953c: 80

— Chappius,

— Kiefer, 1978: 216

-- BORUTZKY 1965: 840

SPROCYCLOPS CINCTUS MONCHENKO

- MONCHENKO 1985: 24
- PANDOURSKI 1992: 98



Specocyclops colchidanus (Borutz.) 1930

— Kiefer, 1978: 216

--- PANDOURSKI 1992: 99

-- KIEFER 1968b: 182-183, FIG. 105

-- BORUTZKY 1965: 84/

Speocyclops creticus Lindberg.

-- -- Lindberg, 1956, <sup>f</sup>p. 101. ~~112~~, 112-114, fig. 3.

-- -- Lindberg, 1955, <sup>h</sup>p. 1-4, fig. 1.

— Kiefer, 1978: 216

-- Borutzky 1965: 835, 837, 840

Speocyclops demetiensis (Scourfield)

①

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

-- -- Lindberg, 1954, p. 108.

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

-- MONCHENKO 1986b: 3-8, FIGS. 1-25, CAUCASUS  
+ CRIMEA

-- KIEFER 1981b: 276, 284, FIG. 3:4, N. ITALY

-- HESSEN + STENE 1991: 162-165, FIGS. 1, 2, NORWAY

CYCLOPS (MICROCYCLOPS) -, HARDING + SMITH 1974: 32,

14a, BRITAIN

J. D. D., PANDOURSKI 1992: 96, 97-98, FIG. 4, CAVES, BULGARIA

-- LESCHER-MOUTOUÉ 1967: 280

Speocyclops demetiensis (Scourfield)

card 2

- Reid 1991d: 271
- KIEFFER 1968b: 182-183, FIG. 106
- PETROUSKI 1984: 24, 42-44, FIGS. 42-46, SLOVENIA
- BORUTZKY 1965: 835-842

Speocyclops demetiensis s. lat. (Scourfield)

-- Lindberg, 1956<sup>f</sup>, p. 101., 109-112, fig. 2.

— Lindberg, 1953c: 80

— Lindberg, 1954b: 112, fig. 2 h

— Lindberg, 1954e: 168-170, fig. 1-3.

~~W~~

— Kiefer, 1978: 216

-- S.L., PANDOURSKI 1992: 96-97

-- S.L., PANDOURSKI 1994: 11

SPEOCYCLOPS C.F. DEMETIENSIS

- MONCHENKO 1986b: 3-8, SIBLING SPECIES,  
CAUCASUS BLACK SEA LAGOONS.
- KIEFFER 1968b: 159, 176-185, FIG. 57-86,  
CAVES, N. ITALY

Speocyclops demetiensis acrotirii n. subsp. Lindberg.

-- -- Lindberg, 1955<sup>h</sup>, p. 4-5, fig. 2.

— Kiefer, 1978: 216

— Lindberg, 1956: 101, 114

--- PANDOURSKI 1992: 97, 99

--- PETKOVSKI 1984: 42, 44

--- BORUTZKY 1965: 838, 842

peocyclops demetiensis ~~aerobirii~~ <sup>dubiosus</sup>

Lindberg

-- -- Lindberg, 1956, p. 101. \* 114

— Kiefer, 1978: 216

--- PANDOURSKI 1992: 97

--- BORUTZKY 1965: 838



SPEOCYCLOPS DEMETIENSIS HELLENICUS LINDBERG, 1953

S. HELLENICUS, LINDBERG 1952(1953): 25-28,  
FIG. 2a-L, GREECE

S. H., LINDBERG 1953: 25-28, FIGS. 2a-g

S. H., LINDBERG 1953: 80

S. H., LINDBERG 1955: 62

S. H., BREHM 1955: ADDENDUM TO P. 259.

S. DEMETIENSIS HELLENICUS, KIEFER 1978: 216

S. D. H., PETKOVSKI 1984: 44

S. D. H., MONCHENKO 1986: 7

SPEOCYCLOPS DEMETIENSIS HELLENICUS LINDBERG

-- PANDOURSKI 1992: 99

-- BORUTZKY 1965: 838, 842

Speocyclops dermetiensis sitiae Lindberg, 1956

--- PANDOURSKI 1992: 97

--- PETKOVSKI 1984: 42, 44

--- BORUTZKY 1965: 838, 842

Speocyclops franciscoloi (Brian)

-- -- Lindberg, 1954, p. 108.

— Lindberg, 1953c: 80

— Kiefer, 1978: 216

-- KIEFFER 1968 b: 182-183, FIG. 101; p. 187

-- BORUTZKY 1965: 835, 840

Speocyclops gallicus Chappuis and Kiefer 1952

1952---Chappuis, A.P. and Fr. Kiefer, pp. 121-130,  
figs. 30-32. n. sp.

→ Lindberg, 1953 c: 19

-- LESCHER-MOUTOUÉ 1966: 674, DEVELOPMENT

— Kiefer, 1978: 216

-- BJORNBERG, M. + POR 1986: 230

-- HERZIG 1983: 76-

-- LESCHER-MOUTOUÉ 1967: 277-, PYRENEES

-- BORUTZKY 1965: 838, 839

SPEOCYCLOPS HELLENICOS LESCHER-MOUTOUÉ, 1976

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

--, Lescher-Moutoué, 1978-79, p. 96-97, figs. 29-32

SPECYKLOPS HELLENICUS LINDBERG - SEE

S. DEMETIENSIS HELLENICUS

= SPECYCLOPS

Cyclopidae - Cyclopoidea

Cyclops infernus

Kiefer ♀

①

— — Kiefer, 1931, p. 705: figs. 9-11

— — Kiefer, 1930, p. 225: figs. 8-10

SPECYCLOPS -, KIEFER 1986b: 159, 173-175, Figs.

43-56, CAVES, N. ITALY

Habitat. Italy



Speocyclops infernus (Kiefer 1930)

(2)

-- Lindberg, 1954, p. 108.

-- Kiefer, 1954, p. 164. Fig 1

— Lindberg, 1953c: 80

— Kiefer, 1978: 216

-- KIEFER 1981b: 276, 284, FIG. 3:3, N. ITALY

— BRANCELJ 1987: 2, 3, 5, 15, CAVE, YUGOSLAVIA;  
SYN. CYCLOPS (DIACYCLOPS) INFERNUS

-- PANDOURSKI 1992: 92, 96, 99, CAVES, BULGARIA

-- KIEFER 1968b: 185-, 187

-- PANDOURSKI 1994: 5, CAVES, BULGARIA

- SPEOCYCLOPS INFERNUS (KIEFFER, 1930) (3)
- KIEFFER 1955: 163-164, FIGS. 1-7, N. ITALY
  - PETKOVSKI 1984: 24, 40-42, FIGS. 34-41, SLOVENIA
  - BORUTZKY 1965: 838, 839
  - PETKOVSKI + BRANCELJ 1985: 5, CAVE, SLOVENIA

Speocyclops italicus Kiefer 1938

①

1938, page 11-12, Abb. 25-28

-- -- Lindberg, 1954, p. 108

-- , Pesce & Maggi, 1979, p. 169; 186-190, fig. 6

— Lindberg, 1953c: 80

— Pesce, 1980: 565-566

— Kiefer, 1978: 216

-- APOSTOLOU & PESCE 1987: 299, SOUTH ITALY

-- PESCE ET AL. 1987: 181, ITALY

Speocyclops italicus Kiefer, 1938

card 2

-- Reid 1991d: 271

-- PESCE 1984b: 299-, FIG. 14-18, ITALY

-- BORUTZKY 1965: 839

Speocyclops kieferi n. sp. Lesch.-Mout.

--, Lescher-Moutoué, 1968, p. 169-175, figs. 1-18

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

— Kiefer, 1978: 216

-- ROUCH 1988 c: 225-, FRANCE

-- REID 1991 d: 271

Speocyclops lindbergi Damian, 1957

— Damian-Georgescu, 1963: 179 - 182, fig. 95-97

— Kiefer, 1978: 216

-- PANDOURSKI 1992: 96, 99-100, FIG. 5, CAVES, BULGARIA

-- PANDOURSKI 1993: 166, CAVES, BULGARIA

-- PANDOURSKI 1994: 5, CAVE, BULGARIA

-- BORUTZKY 1965: 835, 837, 841

Speocyclops lussianus Borutzky 1950

Ak. Nauk S.S.S.R., Doklady, 71 (4): 777-779,  
1 fig..

— KIEFER, 1978: 216

-- MONCHENKO 1985: 24

-- KIEFFER 1968b: 182-183, Fig. 104

-- BORUTSKY 1965: 835, 841

Speocyclops minutissimus (Kiefer) - see Allocyclops



Speocyclops minutissimus sensu Petkovski, 1954 -

see Diacyclops

Speocyclops montenigrinus Petkovski, 1955

---1955. Petkovski, Trajan K., pp. 88-92, figs. 46-51,

— Kiefer, 1978: 216 n. sp., ♀ ONLY, BUDVA, YUGOSLAVIA

- MONTENIGRINUS, MONCHENKO 1986: 7

-- LESCHER-MOUTOUÉ 1967: 281

-- KIEFER 1968b: 184-185

-- PETKOVSKI 1984: 42

-- BORUTSKY 1965: 838

Speocyclops orcinus Kiefer

1937, page 436-438, Fig. 83-85

-- -- Lindberg, 1950, p. 9, chart.

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

— Kiefer, 1978: 216

- ORCINUS, LESCHER-MOUTOUÉ' 1967: 277, PYRENEES

-- BORUTSKY 1965: 838

Speocyclops plutonis Kiefer

1937, page 434, Fig. 59-63

-- -- Lindberg, 1954, p. 108.

— Lindberg, 1953c: 80

— Kiefer, 1978: 216

-- KIEFER 1986b: 182-183, FIG. 107

-- BORUTSKY 1965: 835, 841

Speocyclops proserpinae Kiefer

1937, page 434-435, Fig. 64-66

-- -- Lindberg, 1954, p. 108.

— Lindberg, 1953c: 80

— Lescher-Moutoué, 1976a: 87-88

— Kiefer, 1978: 216

-- PETKOVSKI, 1984: 40

-- BORUTSKY 1965: 840

Speocyclops psezuapsensis Borutzky  
RUSSIAN TRANSCAUCASIA

— Borutzky, 1965: 836-841, FIG. 2, TAB. 2, N. SP.,

— Kieffer, 1978: 216

— KIEFFER 1968b: 182-183, FIG. 102

Specocyclops racovitzai (Chappuis) 1923

①

--, Lescher-Moutoue & Gourbault, 1971, p. 297

— Lindberg, 1954b: 112, fig. 2g

-- LESCHER-MOUTOUÉ 1966: 673-687, FIGS. 1-14,

DEVELOPMENT-FRANCE

— Kiefer, 1978: 216

-- ROUCH 1964b: 533

-- BORUTSKY 1965: 838, 840

Speocyclops racovitzai

(2)

-- -- Lindberg, 1954, p. 108.

-- -- Lindberg, 1950, p. 9, chart

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

--, Lescher-Moutoué, 1968, p. 177

--, Lescher-Moutoué, 1968, p. 845-751

--, Rouch, 1970, p. 139

— Lindberg, 1953c: 80

-- ROUCH 1968a: 24-

-- ROUCH 1970c: 211, MOULIS, FRANCE

-- ROUCH 1986c: 361-

-- BJORNBERG, M. + POR 1986: 230



Speocyclops racovitzai (Chappuis, 1923)

card 3

-- Lescher-Moutoué 1967: 277, Pyrenees

-- KIEFFER 1968b: 185-

-- KIEFFER 1954d: 162-, ~~FIGS. 11-16~~, CAP CF. S. R.

BOSCENSIS N. SPP.

Speocyclops racovitzai boscensis Kiefer, 1954<sup>5</sup>

--- Kiefer 1954<sup>5</sup>d: 162-165, figs. 13-16, n. ssp., caves,  
southern France

--- Kiefer 1978: 216

-- cf. -, Rouch 1988c: 225-, France

--- BORUTSKY 1965: 840

Speocyclops racovitzai guilloumensis Kiefer

- Kiefer, 195<sup>5</sup>~~4~~: 163-165, FIGS. 11a, b, n. sp., CAVE,  
SOUTHERN FRANCE
- Kiefer, 1978: 216
- BORUTSKY 1965: 840

Speocyclops racovitzai incerta Chappuis & Kiefer

— Kiefer, 1978: 216

--- Borutsky 1965: 840

Speocyclops racovitzai liquensis Chappuis and Kiefer

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130,  
fig. 39.

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

— Kiefer, 1978: 216

-- ROUCH 1988c: 225, FRANCE

-- BORUTSKY 1965: 840

Speocyclops racovitzai noustensis Chappuis & Kiefer

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130,  
fig. 42.

— Kiefer, 1978:216

--- BORUTSKY 1965:840

Speocyclops racovitzai peyortensis Chappuis & Kiefer

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130,  
fig. 41

— Kiefer, 1978: 216

--- BORUTSKY 1965: 840

Speocyclops racovitzai Sabartensis Kiefer, 1954<sup>5</sup>

→ Kiefer, 1954<sup>5</sup>: 164, n. sp., CAVE, SOUTHERN FRANCE

→ Kiefer, 1978: 216

-- Borutsky 1965: 840



Speocyclops racovitzai sandetsi Chappuis and Kiefer

1952---Chappuis, P.A. and Fr. Kiefer, pp. 121-130

fig. 40.

— Kiefer, 1978:216

--- BORUTSKY 1965:840

Speocyclops racovitzai ssp. incerta Kiefer, 1954

---- Kiefer 1954d: 164, cave, southern France

Speocyclops rhodopensis Pandourski, 1992

-- Pandourski 1992: 92, 96-97, Fig. 3, n. sp. female +  
male, grotto "Zbirkovata", Progled, Provdiv, Bulgaria

-- PANDOURSKI 1994: 11-, Figs. 2a, 5, BULGARIA

Specocyclops sardus sp. n. Lindberg

-- -- Lindberg, 1956<sup>c</sup>, p. ~~72~~. 75-78, fig. 2a-f

-- PESCE + MAGGI 1983a: 274-276

— KIEFER, 1978: 216

-- KIEFER 1968b: 187

S. SARDUS, BORUTSKY 1965: 837, 839

Cyclopidae - Cyclopoida

Speocyclops sebastianus Kiefer, ♀.

— — Kiefer, p. 326: text-figs. 11-13.

--, LESCHER-MOUTOUË, 1976 a: 85, 89

— Kiefer, 1978: 216

-- BORUTSKY 1965: 839

Habitat. Northern Spain

Speocyclops sebastianus Kiefer

1937, page 436, Fig. 78-82

-- -- Lindberg, 1954, p. 108.

— Lindberg, 1953c: 80

-- PETKOVSKI 1984:44

Speocyclops sisyphus Kiefer, 1937

1937, page 435, Fig. 67-73

-- -- Lindberg, 1954, p. 108.

-- -- Lindberg, 1950, p. 9, chart.

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

— Kiefer, 1978:216

-- LESCHER-MOUTOUF' 1967:277, PYRENEES

-- BURUTSKY 1965:838, 840

Speocyclops spelaeus Kiefer, ♀.

①

— — Kiefer, 1937, p. 326: text-figs. 8-10

also 1937, Zool. Jahrb. 70: 435 (prior to preceding)!

-- -- Lindberg, 1954, p. 108.

--, LESCHER-MOUTOUÉ, 1976a: 85, 87, 88, 89

Habitat. Northern Spain.

— Lindberg, 1953c: 80

— Kiefer, 1978: 216

-- PETKOVSKI 1984: 40



SAFOCYCLOPS SPELAEUS KIEFFER, 1937

(2)

-- BORUTSKY 1965: 840

Speocyclops tauricus Borutsky, 1965

-- BORUTSKY 1965: 833-835, 841, FIG. 1, TAB. 1, N.SP.

-- RUSSIAN CRIMEA

-- KIEFER, 1978: 216

-- MONCHENKO 1985: 24

-- KIEFER 1968b: 182-183, FIG. 103

= SPECYCLOPS

Cyclopidae - Cyclopoidea

Cyclops troglodytes Chappuis, ♀, ♂ (1)

— — F. Kiefer, 1929, p. 65: fig. 23

— — Kiefer, 1928, p. 527: figs. 51 - 53

— — Chappuis, 1927: 45 fig. 20.2

--, MENZEL, 1926: 211

-- MENZEL 1924b: 304

Habitat Romania

Speocyclops troglodytes (Chappius)

(2)

-- -- Lindberg, 1954b p. ~~108.~~<sup>112</sup>, fig. 2f.

— Lindberg, 1953c: 80

— Damian-Georgescu, 1963: 177-179, fig. 94

— Kiefer, 1978: 216

-- KIEFFER 1968b: 185-

CYCLOPS -, LABBE' 1927e: 444

S. -, BORUTSKY 1965: 833, 839

*Speocyclops yezoensis* ITO, ~~1953~~ 1954

-- -- , ITO, 1954, pp. 406-408, Figs. 175-180 Wells Japan

— Ito, 1953b: 25-26, fig. 43-47

-- MONCHENKO 1985: 22-24, = DIACYCLOPS

YEZOENSIS COMB. NOV.

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

-- ISHIDA 1993a: 167, HOKKAIDO, JAPAN

-- ISHIDA 1989: 1, 7, HONSHU, JAPAN

Speocyclops sp. Kiefer, 1968

-- indet. Kiefer 1968b: 159, 183, 185-187, Figs. 95-100,  
caves, n. Italy

Speocyclops sp.

-- -- Lindberg, 1956, p. 101.

Speocyclops sp.

--, Lescher-Moutoué, 1974, p. 348

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

-- LESCHER-MOUTOUÉ 1967: 280-, PYRENEES