

m/

Diaptomidae - Calanoida

Hemidiaptomus valid

G. O. Sars, 1903,

H. ignatovi. ^(m)

Syn. Hemidiaptomus, Sars, 1903, p. 197.
Hemidiaptomus, Kiefer, 1932, p. 464

HEMIDIAPTOMUS SARS, 1903

CARD 2

- , BALDI 1936: p. 835, Key to genera.
- Damian-Georgescu, 1966: 49
- BORUTZKY, 1960: 14, IN KEY; 16, 19, 29-34
- STELLA 1989: 20, 25, 34, 41, DIAGNOSIS, KEY TO SUBGENERA
- STELLA 1982: 34, " " " "
- M. S. WILSON 1951: 168
- DUSSART 1989: 41, 45-46, DIAGNOSIS, KEY TO AFRICAN SPP.
- KIEFER 1978c: 87 -, DIAGNOSIS, KEY
- BORUTZKY ET AL. 1991: 176-180, DIAGNOSIS, KEY

HEMIDIAPTOMUS S. STR. KIEFFER

- STELLA 1984: 41, IN KEY TO SUB GENERA.
- STELLA 1982: 34, " " "
- ~~KIEFFER~~ DUESART 1989: 45
- KIEFFER 1978c: 87-, KEY
- BORUTZKY ET AL. 1991: 180-181, DIAGNOSIS
- REED 1994: 666-

HEMIDIAPTOMUS (GIGANTODIAPTOMUS) KIEFFER, 1932,

- STELLA 1984: 41, IN KEY TO SUBGENERA.
- STELLA 1982: 34, " " "
- DUSSART 1989: 46
- KIEFFER 1978c: 88-, KEY
- BORUTZKY ET AL. 1991: 202, DIAGNOSIS; RESTRICTED_^ GENUS IN PROPOSING N. SUBGENUS

OCCIDODIAPTOMUS

HEMIDIAPTOMUS (GIGANTODIAPTOMUS) KIEFFER, 1932,

S. RESTR. BORUTZKY IN BORUTZKY ET AL. 1991

-- BORUTZKY IN BORUTZKY ET AL. 1991: 202,

DIAGNOSIS; RESTRICTED ^{SUB} GENUS IN PROPOSING

N. SUBGENUS OCCIDODIAPTOMUS

HEMIDIPTOMUS (OCCIDODIPTOMUS) BORUTZKY, 199

- BORUTZKY ET AL. 1991: 198, N. SUBGEN.; TYPE

DIPTOMUS ROUBALI (RICHARD, 1888); 440

Hemidiaptomus amblyodon (Marenzeller).

Diaptomus — Marenzeller, 1873, p. 593: pl. 6.

Hemid — —, Kiefer, 1932, pp. 464: 494 (key)

— (Giganto.) —, Banarescu + Serban, 1954, pp. 41-42.

-- --- --, Herbst, 1951. pp. 249-250, fig. 6

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

Habitat.

--, Herbst, 1953, p. 146

--, CHISLEWKO, 1977: TAB. 2

--, BREHM 1947: 70

Hemidiaptomus amblyodon (Marenszeller)

card 2

--, Maemets, 1959, p. 28-29, 32

—Ponyi, 1956a: 259

-- MÄEMETSU VELDRE 1956a: 16, 19, 53, 54, 57-58,
PL. IV, FIGS. 8-10, ESTONIA

—Damian-Georgescu, 1966: 50-52, fig. 17

-- BORUTZKY 1960: 32, 33, FIG. 9(2); 178; 189

— Kiefer, 1978: 211

-- STELLA 1984: 20

D. --, FORRO' 1986: 560

Hemidiaptomus amblyodon (Marenszeller)

card 3

D. -, Brehm 1908a: 452-

H. (GIGANTODIANTOMUS) -, KIEFER 1978c: 94, Pl. 25B

H. (G.) -, BORUTZKY ET AL. 1991: 202-204, FIG. 83,

DIST. - USSR

HEMIDIAPTOMUS ANGULATUS (RYLOV)

--, BORUTZKY - 1960:34, FIG. 9 (5)

HEMIDIAPTOMUS BEHNINGI SMIRNOV, 1940

--, BORUTZKY 1960: 32, FIG. 8(9, 10)

— KIEFER, 1978: 211

H. (S. STR.) —, KIEFER 1978c: 93, Pl. 26 A, DIST.

H. (H.) —, BORUTZKY ET AL. 1991: 193; FIG. 77, DIST. — USSR

Hemidiaptomus brehmi MANN, 1940

--, BREHM 1947: 70.

— KIEFER, 1978: 211

-- HUTCHINSON 1953: 572 -

H. (H.) -, KIEFER 1978c: 90-, Pl. 27, DIST.

H. (H.) -, BORUTZKY ET AL. 1990: 195-, FIG. 78, DIST. - USSR

Hemidiaptomus (s. str.) dischensis (Brehm, 1938)

Hemidiaptomus tarnogradskii var. dischensis, Brehm
1938: 217-219, nov. var.

H. (S. str.) dischensis, Kiefer 1978c: 92-, Pl. 25A,
distribution, synonymy - includes pileocaptus

H. tarnogradskii var. pileocaptus, Brehm 1938: 215-216,
nov. var.

H. (H.) DISCHENSIS, BORUTZKY ET AL. 1991: 190; FIG. 76,
DIST. - USSR; SYN. H. LAGODECHENSIS
KUTUBIDZE, NEW SYNONYMY, p. 442

Hemidiaptomus gurneyi (Roy) ♂♀.

Diaptomus — Roy, 1927, c. p. 213: 9 text-figs.

Hemi — — Kiefer, 1932, p. 464: 494 (key): figs. 37-41

-- --, Petkovski, 1963. pp. 7-10, fig. 1-7

--, BREHM 1947: 70.

— Petkovski, 1983: 103-105, figs 15 A-H, 16 A-D

Habitat. Africa.

--, KIEFER 1938: 155-158; Figs. 8-10.

— Kiefer, 1978: 211

HEMIDIPTOMUS GURNEYI (ROY, 1927)

CARD 2

-- STELLA 1984: 3, 42-44; IN SUBGEN. HEMIDIPTOMUS S. STR.;
FIGS. 4, 5, 16; DISTRIBUTION- ITALY; H. G. VAR. STEPHANIDESI
A SYNONYM.

-- STELLA 1964b: 237-259, TEMPORARY POOLS, LATIUM,
FIGS. 7-14.

-- STELLA 1964c: 372-375, LATIUM, ITALY

- GURNEY, STELLA 1967: 383

- GURNEY, STELLA 1979a: 317-, DISTR. - ITALY

-- STELLA 1982: 27, 34-36, FIG. 22, ITALY

Hemidiaptomus s. str. gurneyi (Roy, 1927)

card 3

-- Dussart 1989:46-47, fig. 26A, range - Africa

H. (H.) -, KIEFER 1978c: 90-, Pl. 23, DIST.

H. (H.) -, BORUTZKY ET AL. 1991: 187-, FIG. 74, DIST. -USSR

H. (H.) -, DIMENTMAN & POR 1985: 94

HEMIDIPTOMUS (H.) GURNEYI CANAANITA DIMENTMAN
+ POR, 1985

--- DIMENTMAN + POR 1985: 89, 94, FIG. 12, N. SSP.,
ISRAEL + SINAI

HEMIDIPTOMUS GURNEYI VAR. STEPHANIDESI PESTA

--- STELLA 1984: 42, 44, = H. GURNEYI

--- STELLA 1964c: 2-3

--- STELLA 1979a: 322

--- DIMENTMAN & POR 1985: 94

Hemidiaptomus guryneyi var. stephanidesi ^{KIEFER} 1

--, PESTA 1936: 241; fig 1-10.

---, BORUTZKY 1960: 32, 34, FIG. 8(11, 12)

Hemidiaptomus hungaricus (Kiefer) ♀, ♂

— — Kiefer, 1933, p. 292: figs. 8-13.

— (Gigantodiaptomus) —, Banarescu + Serban, 1954, pp. 40-41, fig. 10

-- --, Brtek, 1953. pp. 363-373, fig. 1-5, tab. 1-3

-- --, BREHM 1947: 70.

Habitat. Bulgaria

Hemidiaptomus (Gigantodiaptomus) hungaricus Kiefer

— (—) — Kiefer, 1933

— (—) — , Barenescu + Serban, 1954, pp. 40-41, fig. 10.

—— Damian-Georgescu, 1966: 52-56, fig. 18

-- , BORUTZKY 1960: 33, FIG. 9(3,4); 189

—— Kiefer, 1978: 211

--- KIEFER 1978c: 95, Pl. 27, DISTRIBUTION

--- BORUTZKY ET AL. 1991: 206-208, FIG. 85, DIST-USSR

Diaptomidae - Calanoida

Hemidiaptomus ignatovi G.O. Sars, ♂, ♀.

— — Sars, 1903, p. 198: pl. 10, figs. 1-15.

— — Pylor, 1930, p. 201: fig. 66.

— — Kiefer, 1932, p. 493 (key): fig. 35.

--, CHISLENKO, 1977: TAB. 2

-- Borutsky, 1959: 48

Habitat. Freshwater lakes, Mongolia.

— Kiefer, 1978: 211

--, BREHM 1947: 70.

--, BORUTZKY 1960: 30, 34, FIG. 8(5,6); 188-189

HEMIDIPTOMUS IGNATOU G. O. SARS, 1903

CARD 2

-- STELLA 1984: 41, TYPE OF GENUS.

-- FORRO' 1986: 560

-- SARS 1903: 235-, RECORDS, CENTRAL ASIA

-- ?, BREHM 1959c: 929

- (S. STR.) -, KIEFER 1978c: 91-, PL. 24A, DIST.

- (H.) -, BORUTZKY ET AL. 1991: 181-, FIG. 70, DIST. - ^{USSR}

Diaptomidae - Calanoida

Hemidiaptomus ingens (Gurney) ♂♀. 1

Diaptomus - Gurney, 1909, p. 298: pl. 14, figs. 41-45.

Hemid - Kiefer, 1932, pp. 464:494 (key).

- -, COLE 1968: 465, 466, 468.

H. -, AGUIRRE & DUSSART 1957: 485, SYN. H. INGENS INERMIS

H. -, GAUTHIER 1934: 64

Habitat, Tunisia.

H. -, STELLA 1984: 20, 44

H. -, HUTCHINSON 1953: 572 -

H. -, GAUTHIER 1951: 97 -

Hemidiaptomus (Gigantodiaptomus) ingens (Gurney, 1909) 2

--- Dussart 1989:48-49, fig. 27A, range- Africa

--- KIEFFER 1978c: 98-, Pl. 30, DISTRIBUTION

H. (OCCIDODIAPATOMUS) -, N. COMB., BORUTZKY ET
AL. 1991: 199 - 200, FIG. 81, DIST. - USSR; 440

H. -, KIEFFER 1973: 281-290, SPAIN

Hemidiaptomus (Gigantodiaptomus) ingens ingens (Gurney,
1909)

----, Kiefer, 1957, pp. 319-20

Hemidiaptomus (Gigantodiaptomus) ingens inermis Kiefer,
1955

----, Kiefer, 1957, p. 311, 320.

—, Aguesse & Dussart, 1957, p. 485. (Syn. H. ingens
d'Algerie)

--- STELLA 1979a: 322

--- KIEFER 1973: 288, 290

Hemidiaptomus ingens maroccanus Kiefer, 1955

---, Kiefer, 1957, p. 320

--- STELLA 1979a: 322

Hemidaptomus ingens provinciae CHAMPEAU, 1967

Fig. 1

Aguesse & Dussart, 1957, p. 481 (syn. H. roubau)

--- STELLA 1984: 44, SYN. OF H. (G.) ROUBAU

--- STELLA 1979a: 322

--- BAN & MINODA 1991: 300 -

--- KIEFER 1973: 289, SYN. OF H. ROUBAU.

Hemidiaptomus (Gigantodiptomus) ingens provincialis
Petit + Schachter

- (-) — — Petit + Schachter, 1943
— — —, Aguess, 1957. Rhône mouth. p. 242.
— — —, Dussart, in Aguess + Dussart, 1957, p. 485-487,
fig. 1. Camargue.
-- -- Champeau, 1970, pp. 155-189, photo 2 (p. 185),
(spelled: H. ingens provinciae P. & S.)

Hemidiaptomus

Kummerlöwei

11/11/1971

--, BREHM 1947: 70.

--, BORUTZKY 1960: 32, FIG. 8(13)

- KUMMERLÖWEI, HUTCHINSON 1953: 572 -

H. (S.STR.) -, KIEFER 1978c: 93-, PL. 26B

H. (H.) -, BORUTZKY ET AL. 1991: 196-, FIG. 79, DIST. - USSR

H. -, HAMER 1996: 207

Hemidiaptomus lagodechiensis Kutibidze - see

H. dischensis Brehm

Hemidiaptomus lauterborni - see H. roubau

Hemidiaptomus maroccanus Kiefer 1955 Morocco Af. ①

-- -- Kiefer, 1954, PP. 323-329, Figs. 13-18..

-- --, 1964, B. H. Dussart, p. 120;

--, Kiefer, 1957, p. 311,

--, Aguesse & Dussart, 1957, p. 485

-- KIEFER 1973: 281-290, SPAIN

— Kiefer, 1978: 211

H. (GIGANTODIAPATOMUS) --, DUSSART 1989: 49-50, FIG. 28,

RANGE - AFRICA

H. (G.) --, KIEFER 1978c: 97, Pl. 29A, DISTRIBUTION

H. (OCCIDODIAPATOMUS) --, N. COMB., BORUTZKY ET AL.

1991: 200-202, FIG. 82, DIST. - USSR; 440

HEMIDIAPTONUS MONTICOLA WEISSIG

--, BORUTZKY 1960: 30, 34, FIG. 8 (1, 2)

-- KIEFER 1978c: 92

Diaptomidae - Calanoida

Hemidiaptomus roubau (Richard)

Diaptomus — Richard, 1888, p. 44

Hemid — Kiefer, 1932, pp. 464:494 (Key).

H. (Gigantodiaptomus) roubau, Kieffer, 1957, pp.
311-9, illus.

Aguesse, & Dussart, 1957, p. 481, ^{Fig. 1} (syn. *H. ingens*

Habitat. Spain. provinciae)

— Alonso & Comelles, 1984:1701

—, BREHM 1947: 70.

— Kiefer, 1978:211

HEMIDIAPTOMUS ROUBAU (RICHARD, 1888)

CARD 2

-- STELLA 1984: 3, 20, 44-47, FIGS. 17, 18, DISTRIBUTION-
ITALY; GIVES SYNONYMY.

-- STELLA 1979 a: 317-, DISTR.-ITALY

-- STELLA 1982: 27, 34, 36-38, FIG. 23-ITALY

-- STELLA & MARGARITORA 1975-76: 5-, SARDINIA

H. (GIGANTODIAPTOMUS) -, KIEFFER 1978c: 97-, Pl. 29B,
DISTRIBUTION; SYN. LAUTERBORNI

H. (OCCIDODIAPTOMUS) -, N. COM.B., BORUTZKY ET AL.
1991: 198-199, FIG. 80, DIST.-USSR; TYPE OF NEW
SUBGENUS OCCIDODIAPTOMUS.

HEMIDIATOMUS ROUBALI (RICHARD, 1888)

(3)

LAUTERBORN, 1,

DIATOMUS -, KIEFER 1973: 289, SYN. OF H. ROUBALI ;

289-290, SPAIN.

Hemidiaptomus roubaui lauterborni (Kiefer, 1930)

--- --- Champeau, 1970, p. 156.

---, Kiefer, 1957, p. 320, from H. lauterborni

---, CHAMPEAU 1971: 159.

--, Stella & Fano, 1974, p. 138

--, Stella, 1970, p. 72-73, figs. 1-6

-- STELLA 1984: 44, = H. ROUBAU

--- STELLA 1979a: 322

--- KIEFER 1978c: 97, = H. ROUBAU

= H. ROUBAU

Diaptomidae - Calanoida

Hemidiaptomus lauterborni (Kiefer)

Diaptomus - Kiefer, 1930, p. 315: figs. 1-3

Hemid - Kiefer, 1932, p. 494: fig. 4R.

--, Kiefer, 1957, p. 311, 320 = H. (Gigantodiaptomus) roubaui lauterborni (Kiefer, 1930)

--, BREHM 1947: 70.

--, Stella, 1970, p. 85

-- STELLA 1984: 44, = H. (G.) ROUBAU

-- KIEFER 1978C: 97, = H. (G.) ROUBAU

Diaptomidae - Calanoida

Hemidiaptomus rylovi N. Charin ♀, ♂

— — RYLOV, 1930, p. 204 : fig. 67.

— — KIEFER, 1932, p. 493 (Key); fig. 36.

— — CHARIN, 1928, p. 324; figs. 1-6.

— — BORUTZKY 1960: 30, 32, FIG. 8(3,4)

— — KIEFER, 1978: 211

— — M. S. WILSON 1951: 169, NAME PREOCCUPIES D. RYLOVI
SMIRNOV

Habitat. Russia.

H. (S. STR.) —, KIEFER 1978c: 94, Pl. 26I

H. (H.) —, BORUTZKY ET AL. 1991: 189, FIG. 75, DIST. — USSR

Diaptomidae - Calanoida

Hemidiaptomus sostarici (Krmptić)

Diaptomus - Krmptić, 1924, p. 16: pl. 2, figs. 1-6.

Hemid - — Kiefer, 1932, p. 464: 494 (key).

--, BREHM 1947: 70.

— Kiefer, 1978: 211

H. (S. STR.) -, KIEFFER 1978 c: 94, PL. 26C

Habitat. Croatia -

H. (H.) -, BORATZKY ET AL. 1991: 184, FIG. 72, DIST. - USSR

Diaptomidae - Calanoida

Hemidiaptomus superbus (Schmeil) ♂♀. ①
ρ

Diaptomus — Schmeil, 1895, p. 128

Hemid — — Kiefer, 1932, pp. 464; 494 (key).

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

--, Herbst, 1953, p. 146

--, Brehm, 1951, p. 86

Habitat. Germany.

--, GILLANDT & MARTENS, 1975: 181-185; Fig. 1-3;

540: DIAPTOMUS s.

- superbus, BREHM 1947: 70.

Hemidiaptomus superbus (Schmeil)

card 2

-superbus, Brehm 1958f: 103

- SUPERBUS, BORUTZKY 1960: 32, 34, FIG. 9(1)

- Kierke, 1978: 211

-- GAUTHIER 1951: 97-

D. -, BREHM 1908a: 453-

D. -, VAN DOUWPE 1909b: 14-15, FIGS. 35-37, GERMANY

H. -, LÖFFLER 1956: 251-

H. (GIGANTODIANTOMUS) -, DUSSART 1989: 47-48, FIG.

26B, RANGE - AFRICA

Hemidiaptomus superbus (Schmeil)

card 3

- Kiefer 1978c: 9, 96-, Pl. 28A, IN GIGANTODIAPTOMUS
H. (G.)-, BORUTZKY ET AL. 1991: 204-206, FIG. 84,
DIST. - USSR
- BREHM 1959: 923

Hemiciaptomus superbus var. hyrcanensis (Brehm, 1937)

---, Brehm, 1951, p. 97

--, BREHM 1937: 217-219; fig. 2.

-- LÖFFLER 1961c: 393

--- BREHM 1959c: 923, IRAN

Diaptomidae — Calanoida

Hemidiaptomus tarnogradskii W. Rylow. ♀, ♂

— — Rylow, 1930, p. 206: fig. 68.

— — Kiefer, 1932, p. 492. (key).

— — Rylow, 1926, p. 19: pl. 1.

— tarnogradskii, BREHM 1947: 70.

-- , BORUTZKY, 1960: 30, FIGS. 8(7, 8).

— Kiefer, 1978: 211

Habitat. Russia.

- (S. STR.) -, KIEFER 1978c: 92-, PL. 24B, DIST.

H. (H.) -, BORUTZKY ET AL. 1991: 185-, FIG. 73, DIST. - USSR

Hemidiaptomus tarnogradskii var. dischensis Brehm -

see H. dischensis

Hemidiaptomus tarnogradskii var. pileocaptus Brehm -

see H. dischensis

Hemidiaptomus ~~thracicus~~ ^{thracicus} (Chichkoff)

DIAPTOMUS -, CHICHKOFF 1924: 44, FIG. 1-7, PL. 1, N.SP.

BULGARIA

H. -, BREHM 1947: 70.

H. Chichkoff, 1924: 44

H. Petkovski, 1983: 105-108, fig 17 A-I

H. THRACICUS, BORUTZKY, 1960: 34, FIG. 8(14, 15)

H. Kiefer, 1978: 211

H. (S. STR.) -, KIEFER 1978c: 92, PL. 24C, DIST.

H. (H.) -, BORUTZKY ET AL. 1991: 183, FIG. 71, DIST. - USSR