

Order Calanoida; Family Diaptomidae

LEPTODIAPTOMUS LIGHT, 1938

- Light 1938:71, new subgenus; type Diaptomus siciloides
- M. S. WILSON 1951:168, PSYCHRODIAPTOMUS  
KIEFFER A SYNONYM.
- FERRARI 1991:117, DEVELOPMENT
- GAVIRIA 1989:116, CF. COLOMBODIAPTOMUS
- BORUTZKY ET AL. 1991:348-349, DIAGNOSIS, KEYS  
DIAPTOMUS (L.) -, LIGHT 1939: 473 -

Leptodiaptomus angustilobus (G. O. Sars, 1898)

(1)

Diaptomus -, G.O. Sars 1898:334-335, Pl. VIII Figs. 1-6,  
n. sp. female + male, Jana Territory, Russia

D. -, Rylov 1930: 160, Fig. 45'

D. -, Rylov 1932: 249

D. -, M. S. Wilson 1953: 316

D. -, Kikuchi 1975: 141, Fig. 7,8

Leptodiaptomus -, Borutzky et al. 1991: 350-353, Fig. 151,

Russia; 442, NEW SYNONYMS: PSYCHRODIAPTOMUS  
RYLOVI, STRELETSKAYA 1986, + P. KIEFFERI STRELETSKA-  
YA 1986

LEPTODIAPTOMUS ANGUSTILOBUS (G.O. SARS, 1898) (2)

EUDIAPTOMUS -, KIKUCHI 1936: 277

PSYCHRODIAPTOMUS -, N. COMB., KIEFFER 1938: 77, 84-88,  
FIGS. 15-20, NORTH KURILE ISLANDS; TYPE OF  
PSYCHRODIAPTOMUS N.G.

NEUTRODIAPTOMUS -, KURENKOV 1973: 40, FIG. 1

NEUTRO -, FERRARI + ASCOLINI 1975: 42, 44

NEUTRO -, BORUTSKY 1960: 58, FIG. 21(1,2)

NEUTRO -, STRELETSKAYA 1986: 94

PSYCHRO. -, STRELETSKAYA 1986: 78, 80-81

LEPTODIAPTOMUS ANGUSTILOBUS (G.O. Sars, 1898) (3)

PSYCHRODIAPTOMUS KIEFFERI, STAELETSKAYA 1986: 78-81,  
FIG. 6 (I), 7A (III), N.SP.

P. KIEFFERI, STAELETSKAYA 1986: 94

P. RYLOVI, STAELETSKAYA 1986: 78-81, FIG. 7A (II), N.SP.

Diaptomus ashlandi Marsh, ♀. ♂.

— — Marsh, 1893, p. 198: pl. 3, f. 11-13.

— — Marsh, 1897, p. 7: pl. 7, f. 2.

— — Herrick, 1895, p. 60: pl. 6, f. 4-6.

— — Marsh, 1918, p. 765: text-fig. 1193.

Habitat. Great Lakes.

- — Elrod, 1901, p 72.  
— — Giesbrecht & Schmeil, 1898. p. 73  
— — Schacht, 1897, p. 166: pl. 32, f. 1-4.  
— — Marsh, 1907, p. 429: pl. 17, f. 6, 8, 10.  
— — J. E. Moore, 1952, p. 422. Deep Lake, Saskatchewan.  
— — Kincaid, 1953, p. 22.  
— — C. Davis, 1961. pp. 933-942 Lake Erie  
— —, Comita & Comita, 1957: TAB. 1  
— —, Comita & Anderson, 1959: 38, 46-50; FIG. 4-6;  
TAB. 3-5  
— —, Comita & McNett, 1976: 105  
— —, Hazelwood & Parker, 1961: 271

Diaptomus ashlandi

- --, C. Davis, 1959. pp. 15-29 (osmotic hatching-eg)
- --, Edmondson et al, 1962. p. 629
- --, Anderson, 1971, p. 314, 316-319
- --, Czaika & Robertson 1968, p. 46
- --, Anderson, 1974, p. 859 (Marsh 1893)
- --, Eddy, 1934, p. 31, 32, 34
- --, Wilson, 1960, p. 164
- --, Robertson, 1966, pp. 130, 135-, 131.
- --, Tash, Swanson, & Siefert, 1966, p. 427, 431.
- --, MAIN, 1962: 8, 116
- --, KERFOOT, 1977a: 317
- --, KERFOOT, 1977b: 304

--, CARTER, 1969: 2549-50, 2551; FIG. 5, 6

--, CARTER, 1971: 222, 224, 227; FIG. 4-8

--, BARDACH, 1954: 50

--, DAVIS, 1954: 401-402, 406; TAB. 3

--, REED, 1963: 48

--, RIGLER & LANGFORD, 1967: 83, 85, 87; FIG. 25

TAB. 12

--, COMITA 1956: 588.

--, Sutherland, 1982, p. 478

--, PATALAS & SALKI, 1984: 613, 616, 619 FIG. 8, 625-6, 632 Fig. 30,



LEPTO -

Diaptomus ashlandi MARSH

card 3

-- Evans 1984: 489

-- OLIVE 1955: 433.

-- BRICKER ET AL. 1976: 267.

<sup>JE</sup>  
-- GANNON 1974: 32-49.

<sup>JE</sup>  
-- GANNON 1975: 82-89.

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

-- JF GANNON ET AL. 1978: 11.

-- JF MOORE 1952: 422-445.

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

LEPTO-

Diaptomus ashlandi Marsh

card 4

- Gannon & Beeton 1969: 25-, Great Lakes.
- BAJKOV 1929: 357, 362, 386, 392 - L. MALIGNÉ, CANADA
- CHANDLER, D. 1940: 325, L. ERIE
- CLEMENS ET AL 1938: 92, SHUSWAP LAKE, CANADA
- Deevey, 1960b: 60
- (CENTRICHODIAPTOMUS) —, LIGHT 1939: 474, 476, 483 - n. subgen.;  
also as TRICHODIAPTOMUS.
- Hartmann, H. J., 1985: 317-3183
- REED 1964: 692-, CANADIAN LAKES

LEPTO -

Diaptomus ashlandi Marsh

card 5

D, -- Vanderploeg et al. 1987: 1910

D. - REED 1959: 18-, RECORDS - CANADA

D. - SCAVIA ET AL. 1988: 166-, LAKE MICHIGAN

D. -, EVANS, M.S. ET AL. 1986: 629, LAKE MICHIGAN

D. -, WARREN + EVANS 1986: 638, LAKE MICHIGAN

D. -, WILSON, M.S., UNDATED KEY: 6-, PL. 6, 10, WASHINGTON

D. -, FERRARI + HAVEK 1990: TAB. 1

D. -, RAWSON 1956a: 71-, GREAT SLAVE LAKE

L. -, MADDUX ET AL. 1987: 166-, COLORADO RIVER, ARIZONA

Leptodiatomus ashlandi (Marsh) 1893 <sup>⑥</sup>

- D. -, HAURY 1981: 11, COLORADO RIVER, ARIZONA  
-- , Robertson & Cannon, 1981, p 383-384.  
-- GANNON ET AL. 1982: 1-23, 64, 65  
-- GANNON 1981a: 23-36.  
-- BALCER ET AL. 1984: 82-, PL. 27, GREAT LAKES;  
SYN. DIATOMUS SICILIS VAR. IMPERFECTUS  
D. IMPERFECTUS, <sup>S.A.F.</sup> FORBES 1890: 477  
D. -, WECKEL 1914: 194  
L. -, SMITH & FERNANDO 1978b: 30-, FIGS. 82-85, ONTARIO

Leptodiaptomus ashlandi (Marsh, 1893)

card 7

Diaptomus -, Stanford & Ward 1991:75, Lake Powell, Arizona

SKISTODIAPATOMUS -, BLINN & COLE 1991: 89; LAKE POWELL, AZ

L. -, KRIEGER & KLARER 1991: 260; LAKE ERIE MARSH

D. -, CZAICA 1978: 19; LAKE ERIE

D. -, CZAICA 1978b: 3; LAKE ONTARIO

D. -, CZAICA 1982: 441-; FIGS., DEVELOPMENT; MICHIGAN

D. -, CZAICA 1974b: 7; TAB. 1, LAKE ONTARIO

D. SICILIS IMPERFECTUS, S.A. FORBES 1890: 703-704,  
N.S.A., LAKE SUPERIOR.

LEPTODIATOMUS ASHLANDI (MARSH)

8

DIATOMUS (L.) - CARTER ET AL. 1980: 1360, 1364, 1377,  
FIG. 10, NE USA, SE CANADA

Leptodiaptomus assiniboiaensis (Anderson, 1971)

Diaptomus (Leptodiaptomus) intermedius, Anderson & Fabris  
1970:1

D. (L.) assiniboiaensis, nomen novum, Anderson 1971:133.

SASKATCHEWAN

D. -, Anderson 1974:859

L -, Reid 1990d:228

Leptodiaptomus castor

--, BREHM 1949: 412, 413.



Calanoida  
Diaptomus coloradensis (Marsh), ♀.

D. — Marsh, 1911,<sup>b</sup> p. 197: pl. 10, figs. 7-9

D. — Cockerell, 1912, p. 46.

D. — Marsh, 1918, p. 759: text-fig. 1182.

D. —, Red + Olive, 1958. Colorado.

D. —, Wilson, 1953, p. 316

Habitat. Colorado:

D. —, Dodds, 1920, p. 93

D., Maly and Maly, 1974, pp. 325-333, figs. 1 & 3,  
Tables 3,4.

D. OLIVE 1955: 427, 434

D. REED 1975: 858, 862 - NW COLORADO

D. DAVIS 1976: 820

D. REED + ARONSON 1989: 67, COLORADO

LEPTO -

Diaptomus coloradensis

card 2

D. - - Maly, 1978: 836, Colorado

D. (L.) -, REED 1990a: 1-, ROCKY MOUNTAIN NATIONAL PARK

D. -, MALY 1973: 840-848, COLORADO

PSYCHRODIAPTOMUS -, STRELETSKAYA 1986: 78-81, FIG. 7B (II)

P. -, STRELETSKAYA 1986: 96

Diaptomidae - Calanoida

Diaptomus (Leptodiaptomus) connexus Light, ♂♀ ①

— — Light, 1938, p. 75: text-figs. 17-19, 22, N.S.I., CALIFORNIA

— —, Reed + Olive, 1958. Naylor Lake, Colorado.

— —, Anderson, 1974, p. 859; ~~ALBERTA, SASKATCHEWAN, U.S.?~~

— Cole & Minckley, 1968: 106, COAHUILA, MEXICO

— — NORTHCOPE & HALSEY 1969: 1779, 1785.

Habitat. Quail Lake, Cal. 3350 ft. elevation

— — — ANDERSON 1970: 41-47, FIGS. 1-4; ALBERTA, SASKATCHEWAN, U.S.

D. —, WILSON, M.S., UNDATED KEY: 6-, Pl. 6, 10, WASHINGTON

L. —, REID 1990d: 228

Leptodiaptomus connexus (Light, 1938)

card 2

-- Reid 1990g:178, distribution

D. -, CHAPMAN ET AL. 1991: 2820, MAHONEY LAKE, B.C.  
D. -, HAMMER 1993: 112 -, TABLE 2, ALBERTA/SASKATCHEWAN

*Leptodiaptomus insularis* Kincaid

1956---- Kincaid, Trevor. Calliostoma Co., Seattle,  
pp. 29-31, pl. 10Wash.

Diaptomus judayi Marsh, ♀.  
Diaptomidae - Calanoida.

D. — Marsh, 1918: p. 262: text-fig. 1187.

D. — Marsh, 1907, p. 464: pl. 22, f. 6: pl. 23, f. 1, 5.

D. — , Reed + Olive, 1958. Twin Lake, Lake Co., Colorado.

D. — WECKER 1914: 194

Habitat. Mountains of Colorado - Los Banos  
CAL. + SANTA ANITA LAKE CALIF.

D.--, Dodds, 1920, p. 93



LEPTO -

Diaptomidae - Calanoida

Diaptomus mexicanus Marsh, ♂♀.

D. — Marsh, 1929, p. 11: figs. 3-4.

LEPTODIAPTOMUS -, REID 1990g: 179

Habitat. Mexico.

LEPIO - Diaptomidae - Calanoida.

Diaptomus minutus Lilljeborg, ♀.

- — (Lilljeborg) De Guerne & Richard, 1889, p. 50;  
pl. 1, figs. 5, 6, 14; pl. 3, fig. 25.
- — Marsh, 1891, p. 212; 1893, p. 199; pl. 4, fig. 1-3.
- — Herrick & Turner, 1895, p. 59; pl. 8, fig. 9.
- — Giesb. & Schmeil, 1898, p. 79.
- — Coker, 1938: 130-131. White Lake, SE North Carolina.

Habitat. Wisconsin: Greenland.

D. -, McKEE & COKER 1940: 179, NORTH CAROLINA

- D-m — Schucht, 1897, p. 156: pl. 30, f. 5-6.  
 — — Giesbrecht & Schmeil, 1898, p. 79.  
 — — Marsh, 1907, p. 426: pl. 17, f. 7, 11: pl. 18, f. 1, 7.  
 D-sicilis, var. imperfectus, Forbes, 1887, p. 703.  
 D-minutus Stephensen, 1913, b, p. 76: pl. 7-8,  
 — — Stephensen, 1916, p. 303.  
 — — Marsh, 1897, p. 8: pl. 7, f. 3-4.  
 — — Stephensen, 1913, p. 304.  
 — — Marsh, 1918, p. 764: text-fig. 1192.  
 — — De Guerne & Richard, 1889, p. 18.  
 — — Juday, 1902, p. 62 (Lake Max.).  
 — — Elrod, 1901, p. 72.  
 — — Schmeil, 1898, p. 171.

LEPTO-

Diaptomus minutus (2)

— — Kiefer, 1931, p. 584:

— — Wilson, 1932, p. 92: fig. 62.

— — , Brehm, 1951. NA lakes

-- --, Davis, 1961. pp. 933-942. Lake Erie

— — , Czaika & Robertson 1968, p. 46

- - , Bernard, 1970, p. 117

---, Davis, 1972, p. 279- , fig. 1

---, Davis, 1973, p. 99-100, fig. 14-15

--, Brehm, 1917, p. 620

-- DAVIS 1954: TAB. 3

- , Brooks & Dodson, 1965, p. 28
- , Cunningham, 1972, p. 202-3
- , Eddy, 1934, p. 31, 32, 59
  
- , Wilson, 1960, p. 164
- , Robertson, 1966, pp. 130, 131, 135-6.
- , MAIN, 1962: 8, 36, 46; Tab. 12
- , MALONEY & TRESSLER, 1942: 41, 43, 45, 46-47, 48-51; FIG. 1 & TAB 1-2.
- , HAMMER & SAWCHYN, 1968: 476
- , CARTER, 1969: 2559, 2561, FIG. 5, 6
- , CARTER, 1971: 222, 224, 227; FIG. 4-8
- , DAVIS, 1969: 1249
- , DAVIS, 1972: 279-280, 281, 282
- , DAVIS, 1975: 228, 240, 241, 243; FIG. 2

LEPTO -

DIAPTOMUS MINUTUS

CARD 3

--, FERRARI & ASCOLINI, 1975: 42

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

--, RIGLER & LANGFORD, 1967: 82, 83, 84-89; FIG. 1, 2;  
TAB. 1, 2

--, REED, 1963: 48-49

--, BLAKE 1945: p. 218; TAB 4.

--, BREHM 1947: Fig. 2.

--, Sandercock, 1967, p. 97-98, 101-111

--, Davis, C.C., 1972a, p. 387-392, fig. 18, 20

— Willey, 1923: 309, 311  
~~vs. ~~Star~~~~

~~— Wilson, C.D.~~

— Marsh, 1894: 808

— Löffler, 1958: 23

— Ostenfeld & Wesenberg-Lund, 1906: 1136 - 1138

-- PATALAS & SALKI, 1984: 616 TAB.1, 617 FIG.5, 620 FIG.10,  
625, 626, 632 FIG.30, 635

-- BLOUIN ET AL. 1984: 402

-- RYAN 1984: 413-416

-- DELISLE ET AL. 1985: 137 - 138

-- CHENG-ALATH ET AL. 1984: 425-426, 428

LEPTO -

Diaptomus minutus Lilljeborg

card 4

--Blouin et al. 1984: 819, 824, 825, 828-30, 32, 37, 39

--Evans 1984: 489

--Watson & Lawler 1965: 1337.

--BRICKER ET AL. 1976: 266, 267.

--BRICKER & GANNON 1976: 39

--<sup>JE</sup>GANNON 1974: 32-49.

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

--<sup>JE</sup>GANNON 1976: 89-93.

--JE GANNON ET AL. 1978: 10, 11.



LEPTO -

Diaptomus minutus Lilljeborg

card 5

-- J.E. Gannon & Stemberger 1978: 27.

-- ROEN 1962: 158, GREENLAND

-- BIGELOW 1923: 58, L. NIPIGON, CANADA

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

-- SCHRAM 1986: 462

-- Haberbosch, 1920: 63-65

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

-- REED 1964: 692-, CANADIAN LAKES

-- REED 1959: 20-, CANADA

LEPTO -

Diaptomus minutus Lilljeborg

card 6

D. - Scavia et al. 1988: 166-, Lake Michigan

D. (LEPTO.) -, DAVIS 1976b: 807-, NEWFOUNDLAND

D. -, DAVIS 1978: 235 - 238, LABRADOR

D. -, DAGGETT + DAVIS 1975: 51-, NEWFOUNDLAND

D. -, CHOW-FRASER 1986: 628, ONTARIO

D. -, EVANS, M.S. ET AL. 1986: 629, LAKE MICHIGAN

D. -, WARREN + EVANS 1986: 638, LAKE MICHIGAN

Leptodiaptomus minutus (Lillj.)

7

- BREHM 1949: 412, 413.
- Robertson & Cannon, 1981, p. 384
- DELISLE ET AL. 1984: 385-386.
- WALTON 1985: 175
- GANNON ET AL. 1982: 1-23, 64, 67.
- GANNON 1981a: 23-36.
- Kiefer, 1978: 213
- L. --, BALCKER ET AL. 1984: 84-, Pl. 28, GREAT LAKES
- D. --, DAGGETT & DAVIS 1974b: 677-, NEWFOUNDLAND

Leptodiaptomus minutus (Lilljeborg)

card 8

Diaptomus -, Ross & Munawar 1988: 174, Georgian Bay,

Lake Huron

D. (L.)- Maly, 1983: 148-152, figs 1,2 tabs I-III

Montreal

D.- DeFrenza, et al. 1986: 491-495, fig 1 tabs II-V

Montreal

L.-, M.E. PEREIRA 1988: 3-

D.-, LAWLER & WATSON 1958: 210-, MANITOBA

D.-, FERRARI & HAYEK 1990: TAB.1

Leptodiaptomus minutus (Lilljeborg)

card 9

Diaptomus -, Malley et al. 1988: 3-, Ontario

- D. -, MALLEY ET AL. 1989: 3-, ONTARIO
- D. -, BREHM 1908a: 452-
- D. -, LANGFORD 1938a: 29-, ONTARIO
- D. -, LANGFORD 1938b: 155-, ONTARIO
- D. -, WECKEL 1914: 194
- D. -, RAWSON 1956a: 71-, GREAT SLAVE LAKE
- D. -, AKATOVA 1949: 347, 363, KOLYMA RIVER; FIG. 2
- D. -, STEPHENSEN 1917: 303-, LAKES, GREENLAND

Leptodiaptomus minutus (Lilljeborg)

card 10

-- Smith & Fernando 1978b:26-, figs. 45-49, Ontario

D. -, ZUÑIGA 1988: 8

L. -, HERZIG 1983: 70 -

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

D. -, SHIH ET AL. 1971: 39, CANADA-ATLANTIC

D. (L.) -, MALY 1984: 316 -, QUEBEC

D. -, B. SMITH & REIF 1985: 124, BEAR LAKE, PENNSYLVANIA

L. -, KRIEGER & KLARER 1991: 260-, LAKE ERIE MARSH

— Wong & Sprules, 1986: 80-88

Leptodiaptomus minutus (Lilljeborg)

card 11

Diaptomus -, Williamson 1991:794-

DIAPTOMUS -, COKER 1938:76

D. -, SCHINDLER + NOVÉN 1971:248, ONTARIO

D. -, CZAICA 1978:19, LAKE ERIE

L. -, BORUTZKY ET AL. 1991:349, FIG.150, DISTRIB.

D. -, CZAICA 1978b:3, LAKE ONTARIO

D. -, CZAICA 1982:441, FIGS., DEVELOPMENT; NEW  
YORK, MAINE, NOVA SCOTIA

D. -, REED 1958b:665, BOG POOLS, N. ONTARIO

Leptodiaptomus minutus (Lilljeborg)

card 12

Diaptomus -, Czaika 1974b: 7-, Table 1, Lake Ontario

D. -, MALLEY + CHANG 1995: 276-285, ONTARIO, CANADA

D. -, WONG 1996: 853-858, FIG. 3, QUEBEC, CANADA

L. -, STRELETSKAYA 1986: 94

D. (L.) -, CARTER ET AL. 1980: 1360, 1377, FIG. 8, TAB. 1,  
NE USA, SE CANADA



= LEPTODIAPTOMUS

Diaptomus (Leptodiaptomus) moorei Wilson

D(L)1954---Wilson, Mildred Stratton, pp. 51-59, figs. 1-8.

D.-, Baqai, Siddqui, and Rehana, 1975, p. 87.

Leptodiptomus natriophilus - see L. sicilis

Diaptomidae - Calanoida. ①

Diaptomus novamexicanus Herrick, ♀, ♂.

D. — Herrick, 1895, p. 70: pl. 6, fig. 7-10.

D. — Marsh, 1918, p. 771: text-fig. 1206.

D. — Herrick, 1895, a. p. 46: text-f. 27-29.

D. — Giesbrecht & Schmeil, 1898, p. 77.

♀ + ORSI + MECUM 1986: 330-, SACRAMENTO DELTA, CALIFORNIA

Habitat. Albuquerque, N.M. Wash. Ore. Calif.  
Idaho, Montana, B. Columbia.

D. — WECKEL 1914: 196

D. — COLE 1968: 466.

D. — Schacht, 1897, p. 149.

D. — Marsh, 1907, p. 483: pl. 26, f. 9-101

D. — Kincaid, 1953, p. 36.

D. — Reed + Olive, 1958. Colorado.

D. — Cole, 1966, p. 355

D. — HOENICKE, 1984: 573-577

D. — WHITTAKER + FAIRBANKS 1958: 49-65, WASHINGTON STATE.

D. — WILSON, M. S., UNDATED TRY: 6, PL. 6, 10, WASHINGTON STATE.

D. — HO + PERKINS 1985: 587

D. — TAYLOR 1988: 1268-

Leptodiaptomus novamexicanus (Herrick, 1895)

card 2

L. -, Reid 1990g:179, distribution; = D. GARCIAE

D. -, NAVARRETE S. & ELIAS F. 1989: 82, JOYANI-  
QUILPAN, STATE OF MEXICO, MEXICO.

D. garciai, Osorio Tafall 1942: 147-154, figs. 1-19,  
n.sp., Puebla, Mexico

D. (L.) NOVAMEXICANUS, LIGHT 1938: 71, N. COMB.

Diaptomidae - Calanoida.

Diaptomus washingtonensis Marsh, ♂. ♀.

-- Marsh, 1907, p. 462: pl. 22, f. 5, 8, 9: pl. 23, f. 2

-- Marsh, 1918, p. 770: text-fig. 1204.

--, DODDS 1924: 6; TAB 1.

--, Scheffer, 1933, p. 29

-- ZIESENHENNE 1938: 9; WILLAMETTE NATIONAL FOREST

Habitat. Washington.

-- WECKEL 1914: 196

-- WILSON 1959:

= D. (L.) NOVAMEXICANUS

LEATO -

Calanoida.

Diaptomus nudus Marsh, ♀.♂.

— — Marsh, 1904, p. 147: pl. 30, f. 1, 2, 4, 5.

— — Cockerell, 1912, p. 46.

— — Marsh, 1918, p. 772: text-fig. 1207.

— — Marsh, 1907, p. 460: pl. 21, f. 9: pl. 22, f. 1-2.

— —, Kincaid, 1953, p. 37-38.

Habitat. Colorado: ARIZ. BR. COLUMBIA, N. MEXICO.

— —, Reed + Olive, 1958. Colorado.

— —, Anderson, 1971, p. 314, 316-319

-- --, Cole 1961. pp. 433-434. Arizona

-- --, Cole, 1963. pp. 176-183

-- -- Cole, 1966. pp. 355

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

-- --, Anderson, 1970, pp. 1230.

--, Anderson, 1974, p. 859

--, Dodds, 1920, p. 93

<sup>912-</sup> figs 1-68

-- Shin, Maclellan, 1977, p. 921,

--, HAMMER & SAWCHYN, 1968: 478, 479, 480, 481, 482, 483; FIGS. 1, 4, 5; TAB. 2, 3

--, REED, 1963: 49, 58

--, DODDS 1924: 5; TAB. 1.

--, COLE 1968: 466.



LEPTO-

Diaptomus nudus

card 2

D.--, Sawchyn & Hammer, 1968, p. 514-515

D.-- OLIVE 1955: 433.

D. SAWCHYN & HAMMER 1966: 87.

D.- REED 1970: 489, BEAR LAKE, COLORADO

D. REED 1959: 20-, RECORDS-CANADA

D.- GREEN 1986: 140-, ARIZONA

D.- WECKER 1914: 196

L.-, SMITH & FERNANDO 1978: 28-, FIGS. 63-68, ONTARIO

Diaptomus pallidus Herrick, ♀. (5)

var. sicilis Forbes.

— — Herrick, 1884, p. 142: pl. Q. fig. 18.

— —, King, 1947, NEW ORLEANS AREA.

— —, Kinsbury, 1966, pp. 49-53, tables 1-3

— Williamson & Butler, 1986: 393-402.

Habitat. Minnesota.

---, BALGER ET AL. 1984: 87, SYN. OF LEPTODIAPTOMUS  
SICILIS

LEPTO-

Diaptomus pribilofensis Juday & Muttkowski, 1915

n. sp. Juday & Muttkowski, 1915, pp. 25-27, fig. 2-3

~~f~~ = D. tyrelli Poppe ?

-- Tash, 1967, p. 133, 134.

--, M. WILSON, 1953 : 316

--, BARDACH, 1954: 48, 50, 52

--, REED, 1963 : 49

--, Wilson, M.S., 1953, p. 21

--, PATALAS + SALKI, 1984: 616 TAB.1

--, CLEMENS ET AL 1968: 25 26 TESHU / LEE CAIRO

Diaptomus (Leptodiaptomus) pribilofensis Juday & Muttkowski

D. -, TASH 1971: 95, 109, CAPE THOMPSON, ALASKA

D. -, Wilson, M.S., 1953, p. 21

D. -, Sutherland, 1982, p. 478

D. -, REED 1959: 21-, RECORDS - ALASKA, CANADA

D. - REID & FERRARI 1988: 16

L. -, BOILEAU & HERBERT 1988a: 329, - NOT =

L. TYRRELLI; INUVIK, N.W.T.

L. -, BOILEAU & HERBERT 1988b: 399

L. -, REID 1990d: 228

Leptodiaptomus pribilofensis (Juday & Muttkowski) card 3

Diaptomus -, Tash & Armitage 1967:132-, Cape Thompson,  
Alaska

D. -, REED 1958b:665, CARIBOU LAKE PONDS, N. MANITOBA

D. -, REED 1958a:155

L. -, STRELETSKAYA 1986:94, ALSO AS PSYCHRODIAPTOMUS -,  
p. 96

PSYCHRODIAPTOMUS -, STRELETSKAYA 1986:78-81, FIG. 7B(1)

LEPTO - Diaptomidae - Calanoida.

Diaptomus sicilis Forbes, ♂. ♀.

— — Forbes, 1882, <sup>(L)</sup> p. 645: pl. 8, f. 9, 20.

— — Herrick, 1884, p. 142: pl. Q, f. 18.

— — De Guerne & Richard, 1889, p. 23: pl. 2, f. 13:

— — Forbes, 1891, p. 702: pl. 1, f. 6. text-figs. 13, 14

— — Poppe, 1888: 159

Habitat. Great Lakes; Green Lake:

WASH. ORF, BR. COLUMBIA, MONTANA, FINGER LK  
N.Y.

D. PALCIDUS SICILIS, S. A. FORBES 1890: 702.

- — Marsh, 1893, p. 197: pl. 3, f. 8, 10.  
— — Marsh, 1897, p. 7: pl. 7, f. 1 and 11.  
— — Marsh, 1918, p. 763: text-fig. 1189.  
— — Fellows, 1886, p. 175.  
— — Fowler, 1912, p. 493.  
— — Underwood, 1886, p. 329.  
— — De Guerne & Richard, 1889<sup>2</sup>, pl. 18: table.  
— — Pearse, 1905, p. 147.  
— — Schmeil, 1898, p. 169.  
— — Schacht, 1897, p. 122: pl. 21, f. 1-3.  
— — Giesbrecht & Schmeil, 1898, p. 73.  
— — Herrick, 1895, p. 60: pl. 5, f. 1-7; pl. 13, f. 18.

D. sicilis - ②

- — Marsh, 1907, p. 424: pl. 17, f. 1, 4, 5, 9.
- —, Kincaid, 1953, p. 48-9.
- —, Penn, 1947, p. 190, NEW ORLEANS AREA, U.S.A.
- —, Reed & Olive. Colorado.
- —, Davis, 1961. pp. 933-942. Lake Erie
- —, Edmondson et al, 1962 p. 627
- -- Smith, 1968, pp. 120-139.
- -- Reed, 1962, pp. 27-50.
- —, Anderson, 1971, p. 314, 316-318
- --, Anderson, 1970, p. 1335, 1346-1352



D. sikilis, Czaika & Robertson, 1968, p. 46

--, Anderson, 1970, pp. 1230, 1231, 1237, 1238, figs. 1-3,  
14, 17-19, 21, 30, 34, 41, 44, 51-52, 53, 54, 57, 58.

--, Pearse, 1905, p. 147

--, Anderson, 1974, p. 859

--, CARTER, 1969: 2551

--, CARTER, 1971: 222, 224, 227; FIG. 4-8

--, ANDERSON, 1977: TAB. 3

--, EDMONDSON, 1969a: 447

--, HALL & WATERMAN, 1968: 188

--, REED, 1963: 49

--, RIGLER & LANGFORD, 1967: 83, 85, 87, 5 FIG. 25; TAB. 1, 2

## Diaptomus sicilis

3

Anderson, Comita & Engstrom-Heg, 1955, p. 757-9

--, Dodds, 1920, p. 95

--, Eddy, 1934, p. ~~1~~ 31, 32, 46

--, Forbes, 1890, p. 476

--, Wilson, 1960, p. 165

--, Anderson and Green, 1975, pp. 576-577, fig. 5.

--, Robertson, 1966, pp. 130, 131, 3, 135-7.

--, MAIN, 1962 : 8, 46

--, GANNON & BEETON, 1971 : 36

--, DAVIS, 1954 : TAB. 3

--, COMITA & COMITA, 1957 : TAB. 1

--, COMITA 1956: 588.

— Willey, 1923: 305-306

LEPTO -

Diaptomus sicilis

card 4

-- Wilson, M.S., 1953, p. 11

-- Sutherland, 1982, p. 478

-- Marsh, 1894:808

-- Stromsten, 1920 6:269

-- PATALAS + SALKI 1984:613, 616 TAB. 1, 617 FIG. 5, 621

FIG. 12, 624, 626, 632 FIG. 30, 635

-- EVANS 1984:489

-- BRICKER ET AL. 1976:267.

-- GANNON 1974:32-49.

LEPTO -

Diaptomus sicilis Forbes

card 5

-- <sup>JE</sup> Gannon 1975: 79-89.

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

-- JE GANNON ET AL. 1978: 10, 11.

-- JE GANNON & STEMBERGER 1978: 20

-- NORTHCOTE & HALSEY 1969: 1779

-- JE MOORE 1952: 422-445.

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

-- BAIKOV 1929: 348, 349, 350, 354, 355, 356, 358, 362, 386,  
392-395, CANADIAN LAKES.

LEPTO-

Diaptomus sicilis Forbes

card 6

-- Bigelow 1923: 58, Lake Nipigon, Canada

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

-- CLEMENS ET AL 1968: 25, 26, TESLIN LAKE, CANADA

-- REED 1964: 692-, CANADIAN LAKES

-- WILLIAMSON 1986: 17

-- VANDERPLOEG ET AL. 1987: 1906-1913, L. MICHIGAN

-- REED 1959: 22-, RECORDS- ALASKA, CANADA

-- SCAVIA ET AL. 1988: 166-, LAKE MICHIGAN

-- EVANS, M.S. ET AL. 1986: 629, LAKE MICHIGAN

Leptodiptomus sicilis (S. A. Forbes) 1882 <sup>(7)</sup>

- D. -, RAWSON 1956a: 71-, GREAT SLAVE LAKE  
-- , Robertson & Gannon, 1981, p. 384  
-- GANNON ET AL. 1982: 1-23, 70.  
-- GANNON 1981a: 23-36.  
-- GANNON 1981b: 1731.  
-- BAYLY 1986: 208  
-- BALZER ET AL. 1984: 87-, PL. 29, GREAT LAKES;  
SYNS. D. PALLIDUS VAR. SICILIS, D. NATRIOPHILUS, D.  
TENUICAUDATUS

Leptodiaptomus sicilis (Forbes, 1882)

card 9

Diaptomus (L.) natriophilus, Light 1938: 72, figs. 8-10,  
n. sp., northern California

D. L.; Cole 1968: 465

D. L.; Balcer et al. 1984: 87, syn. of L. sicilis

D. tenuicaudatus, Marsh 1907: 422-, pl. 16 f. 7-8, pl. 17  
f. 2-3, n. sp., Saskatchewan

D. t., Marsh 1918: 762, fig. 1188

D. t., Moore, J.E. 1952: 422-445, south Saskatchewan

D. s., WILSON, M.S., UNDATED KEY: 6-, PL. 6, WASHINGTON



Leptodiaptomus sicilis (Forbes, 1882)

card 10

D. -, Malley et al. 1989: 3-, Ontario

D. -, WECKER 1914: 192, 194, FIG. 12 C.

D. -, CLEMENS ET AL. 1923: 180-, LAKE NIPIGON

L. -, SMITH & FERNANDO 1978b: 30-, FIGS. 76-81, ONTARIO

D. -, ZUÑIGA 1988: 8

D. -, PENN 1947: 192, NEW ORLEANS

L. S. ?, MADDUX ET AL. 1987: 167, COLORADO RIVER, ARIZONA

L. -, REID 1990g: 179, DISTRIBUTION

L. -, KRIEGER & KLARER 1991: 260-, LAKE ERIE MARSH, OHIO

Leptodiaptomus sicilis (Forbes, 1882)

card 11

Diaptomus -, Williamson 1991:794-

D. -, CZAICA 1978: 19 -, LAKE ERIE

D. -, CZAICA 1978b: 3 -, LAKE ONTARIO

D. -, CZAICA 1982: 441 -, FIGS., LAKE SUPERIOR;  
NEW YORK; DEVELOPMENT

D. -, HAMMER 1993: 112 -, TAB. 2, ALBERTA/SASKATCHEWAN

D. -, CZAICA 1974b: 7 -, TAB. 1, LAKE ONTARIO

D. NATRIOPHILUS, HEDGPETH 1959: 113, 133, CALIFORNIA, USA

D. -, MALLEY + CHANG 1995: 276-285, ONTARIO, CANADA

LEPTODIATOMUS SICILIS (S. A. FORBES, 1882) 12

DIATOMUS (L.) -, CARTER ET AL. 1980: 1360, 1377,

FIG. 9, TAB. 1, NE USA, SE CANADA

L. -, STRELETSKAYA 1986: 78, FIG. 6 (III)

LEPTO -

Diaptomidae - Calanoida.

Diaptomus siciloides Willjeborg,

— — Willjeborg, 1889, p. 106: pl. 1, f. 7, 8, 28, 32.

— — DeGuenne & Richard, 1889, pl. 18: table.

— — Herrick, 1895, p. 69: pl. 8, f. 10.

— — Marsh, 1918, p. 773: Text-fig. 1210.

Habitat. California: Nebraska.

GREAT LAKES TO CALIF. DANOTAS TO

TEXAS. Mexico. SASKATCHEWAN, MANITOBA.

- — Brewer, 1898, p. 124.  
— — Pearse, 1905, p. 147: pl. 13, f. 5; pl. 14, f. 7-8.  
— — Giesbrecht & Schmeil, 1898, p. 74.  
— — Schacht, 1897, p. 154 [f. 4, 5, 7  
— — Marsh, 1907, p. 438: pl. 18, f. 9; pl. 19, n  
— — Ewers, 1930, p. 16 (naupliar stages).  
— —, J. E. Moore, 1952, S. Saskatchewan. p. 422.  
— —, Kincaid, 1953, p. 50-1.  
— —, PENN, 1947, NEW ORLEANS AREA.

Leptodiptomus —, Brehm, 1955, p. 419, fig. 7-10. Mexico.

— —, Reed + Olive, 1958. Colorado.

— — —, Cole, 1961. p. 434. Arizona

— — —, C. C. Davis, 1959. pp. 15-29. (Osmotic Hatching in Eggs)

LEPTO-

Diaptomus siciloides

(2)

- --, Davis 1961. pp. 933-942. Lake Erie.  
-- --, Armitage, 1961. p. 31  
-- --, Cole, 1963. pp. 176-182  
-- -- Cole, 1966, p. 355  
-- -- CONOVER, 1968, p. 115  
-- -- Smith, 1968, pp. 120-139.  
-- --, Armitage & Davis, 1967: p. 207-  
-- --, Eddy, 1934, p. 16, 18, 32, 43-5  
-- -- Tash, Swanson, Siefert, 1966, p. 431  
-- --, BELK & COLE, 1975: 212  
-- --, DAVIS, 1954: TAB. 3

- , COMITA, 1951: 375, 377; TAB. 1
- , COMITA & COMITA, 1957: 327, 331; TAB. 1
- , COMITA, 1964: 646-652; FIG. 1-3; TAB. 1
- , COMITA, 1965: 466-468; FIG. 1; TAB. 1, 2
- , COMITA, ET AL., 1966: 15
- , COMITA & McNETT, 1976: 123, 124-147
- , JOHNSON, 1948: 326
- , HEINLE, 1969: FIG. 6
- , ROBERTSON, 1970: 100-101; FIG. 2; TAB. 1
- Stromsten 1920b: 269

LEPTO -

Diaptomus siciloides Lilljeborg-3

-- --, Kingsbury, 1966, pp. 49-53, fig. 1, tables 1-3

— —, Czaika & Robertson 1968 p. 47

--, Dodds, 1920, p. 95

--, Robertson, 1966, pp. 130, 133, 135, 136.

--, Robertson, 1970, pp. 100-101.

--, Robertson, 1975, pp. 206-214.

--, Siefken & Armitage, 1976, pp. 591

--, MAIN, 1962: 8

--, HARRIS, 1978: 28, 29

--, HULSEMAN & FLEMING, 1975: 185

--, DODDS 1924: 6; Tab. 1.



- , COMITA & TOMMERDAHL 1960: 297-356; 14 Tabs.; 18 Plates; larval + adult stages.
- , COLE 1968: 466, 468.
- , COMITA & SCHINDLER 1963: 1, Tab. 1.
- KAMAL & ARMITAGE 1967: 559, 572-573, KANSAS
- Soto, 1985: 3199-3203
- REED 1964: 692-, CANADIAN LAKES
- REED 1959: 22-, SASKATCHEWAN LAKES
- HARRIS, M.J. 1973: 12-, PL. 2 FIG. 6 - MISSISSIPPI
- PINTO-COELHO ET AL. 1988: 615 -
- COLE 1988: 35-36
- DE MOTT 1988: 397 -
- DAVIS 19766: 819

LEPTO -

Diaptomus siciloides Lilljeborg

card 4

--, Lai, H.C., & J.C. Carter, 1970, p. 1299

--, PATALAS & SALKI, 1984: 616 TAB.1, 617 FIG.5, 620 FIG.11,  
625, 626, 632 FIG. 30, 635

<sup>JE</sup>  
-- GANNON 1972: 82-83.

<sup>JE</sup>  
-- GANNON 1974: 32-49.

-- JE GANNON & STEMBERGER 1978: 21

-- JE MOORE 1952: 422-445.

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

-- DORRIS 1958: 96, ILLINOIS

-- Bradshaw, 1964: 704

Leptodiaptomus siciloides (Lilljeborg) 1889<sup>5</sup>

--, Robertson & Gannon, 1981, p. 384.

-- GANNON 1981a: 23-36.

-- BALGER ET AL. 1984: 89-, PLS. 30, 31, GREAT LAKES;  
POSSIBLE SYN. DIAPTOMUS CUATTEMOC

D. -, THRELKELD & DIRNBERGER 1986: 483, TEXAS/OK.

D. -, HUTCHINSON 1953: 573-

D. -, Laybourn et al 1988: 2712

D. -, Prophet & Frey 1987: 253-257 tab I Kansas

Leptodiaptomus siciloides (Lilljeborg 1889)

card 6

-- M. E. Pereira 1988: 3-

D. -, WILSON, M.S., UNDATED KEY: 6-, PL. 6, 10,  
WASHINGTON STATE

D. -, FERRARI & HAVEK 1990: TAB. 1

D. -, MALLEY ET AL. 1989: 3-, MANITOBA

D. -, WECKER 1914: 196

D. -, RAWSON & MOORE 1944: 174-175, SASKATCHEWAN

L. -, SMITH & FERNANDO 1978b: 28-, FIGS. 69-75, ONTARIO

D. -, SOLLBERGER & MEADOR 1990: 201-, TEXAS STREAM

Leptodiptomus siciloides (Lilljeborg 1889)

card 7

D. -, Comita 1968:51-, North Dakota

L. -, REID 1990d: 228

D. -, PENN 1947:192, NEW ORLEANS, LA

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

D. -, EDDY + SIMER 1928:62; ILLINOIS RIVER

D. -, Wilson, 1958, Hbl. 5

L. -, BLINN + COLE 1991:88-, LAKE MEAD, ARIZONA

D. -, EPP + LEWIS 1979:129-

D. -, ORSI + MECUM 1986:330, SACRAMENTO R. DELTA, CALIFORNIA

Leptodiaptomus siciloides (Lilljeborg 1889) card 8

-- Reid 1990g:179, distribution; possible syn. D.  
cuauhtemoci

-- KRIEGER + KLARER 1991: 260, LAKE ERIE, OHIO, MARSH

-- D. - Ward, 1940: 656, passim, table 1.

-- Wilson, J.N. 1958: 426

DIAPTOMUS -, WILLIAMSON 1991: 802 -

D. (L.) -, Light 1938:71, type of Leptodiaptomus, n. subgen

L. -, GAVIRIA 1989: 121

D. -, CZAICA 1978: 19, LAKE ERIE

Leptodiaptomus siciloides (Lilljeborg, 1889)

card 9

Diaptomus -, Taylor et al. 1993: 143

D. -, CZAIKA 1978 b: 3, LAKE ONTARIO

D. -, CZAIKA 1974 b: 7, TAB. 1, LAKE ONTARIO

D. -, HEDGARTH 1959: 133, SASKATCHEWAN, CANADA.

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

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

L. -, DODSON + SILVA-BRIANO 1996: 163, 167, 168, 170, TABS. 3, 6, AGUASCALIENTES, MEXICO

L. -, DE BIASE & TAYLOR 1997: 569

= LENTODIAPTOMUS Diaptomidae - Calanoida.

Diaptomus signicauda Lilljeborg, ♀, ♂.

D. — Lilljeborg in p. 107: pl. 1, f. 15, 16, 31: pl. 3, f. 22.  
D. — De Guerne & Richard, 1889, pl. 18: table.

D. — Cockerell, 1912, p. 46.

D. — undatus Herrick, 1895, p. 63: pl. 8, f. 13: pl. 9, f. 10.

D. — Marsh, 1918, p. 773: text-fig. 1209.

Habitat. Colorado: California. WASH. NEVADA.

D. Stromsten, 1920b: 269

D. WECKEL 1914: 196



D. — Schmeil, 1898, p. 171: pl. 13, f. 8.

D. — Giesbrecht & Schmeil, 1898, p. 79.

D. — Schacht, 1897, p. 164: pl. 29, f. 3-6.

D. — Marsh, 1907, p. 458: pl. 21, f. 8, 10, 11:

pl. 22, f. 3: pl. 23, f. 3.

D. —, Kincaid, 1953, p. 51-2

D. —, Reed & Olive, 1958, Colorado.

D. --, Dodds, 1920, p. 95

D. -- OLIVE 1955: 433

D. - WILSON, M.S., UNDATED KEY, 6-, PL. 6, WASHINGTON

D. - ZIESENHENE 1938: 9; WILLAMETTE NATIONAL FOREST

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

LEPTO-

Diaptomidae - Calanoida

Diaptomus (Leptodiaptomus) spinicornis Light ♂♀

— — Light, 1938, p. 73: text-figs. 11-13, 21.

D. -, WILSON, N.S., UNDATED KEY: 4-, PL. 5, 10, WASHINGTON

Habitat. Northern Nevada 6000 ft. elevation

Diaptomus tenuicaudatus Marsh, ♂. ♀.

— — Marsh, 1907, p. 422: pl. 16, f. 7-8: pl. 17, f. 2-3.

— — Marsh, 1918, p. 762: text-fig. 1188.

— —, J.E. Mone, 1952, p. 422. — ~~US~~. Saskatchewan.

-- BALGER ET AL. 1984: 87, SYN. OF LEPTODIAPTOMUS  
SICILIS (FORBES)

Habitat. Saskatchewan.

L. —, HUTCHINSON 1953: 572 —

D. —, WECKEL 1914: 194

Leptodiaptomus tenuicaudatus (Marsh, 1907)

card 2

Diaptomus -, Rawson 1956a: 71-, Great Slave Lake,

D. -, RAWSON & MOORE 1944: 174-, LAKES, SASKATCHEWAN

D. -, J.G. ROBERTSON 1954: 639; <sup>PORT JOHN,</sup> ~~CULTUS~~ LAKE, B.C.

LEPTO -

Diaptomidae - Calanoida -

Diaptomus tyrrelli Toppe, ♂.♀.

-- Toppe, 1888, p. 159.

-- Herrick, 1895, p. 76: pl. 10, f. 9.

-- Marsh, 1918, p. 759: text-fig. 1181,

-- De Guerne & Richard, 1889, pl. 18: table,  
p. 39: pl. 1, figs. 17-18: pl. 4, fig. 26.

-- Anderson, 1967, p. 1044

Habitat. California.

--, Anderson, 1971, p. 314, 316-319

--, Anderson, 1970, p. 1346, 1348

*D. fresnani* Willjeborg, 1889, p. 91: pl. 1, f. 17-18: pl. 4  
*D. tyrrelli* Giesbrecht & Schmeil, 1898, p. 92. f. 26

— — Schacht, 1897, p. 176.

— — Marsh, 1907, p. 441: pl. 19, figs. 2, 3, 8.

— —, Kincaid, 1953, p. 58-59, MANY RECORDS

— —, Reed & Olive, 1958. Colorado.

- - , Anderson, 1970, pp. 1230-31, 1234, 1237.

- - , Anderson, 1972, pp. 264, 265, 266, 267, 268.

? see *D. tyrrelli pribilofensis* Juday & Muttkowski, 1915?

--, Anderson, 1974, p. 859

-, M Wilson, 1953, p. 317

-, ANDERSON, 1977: 131

-, ANDERSON, 1968: 8; TAB. III

Diaptomus tyrrelli Poppe, ♂ ♀

card 2

- , Anderson, 1975, pp. 205-209
- , FERRARIN ASCOLINI, 1975: 42, 44
- , REED, 1963: 50
- , Kurenkov, 1978, p. 137-138
- , Wilson, M.S., 1953, p. 21
- , Byron, E.R., 1983, pp. 378-382
- , Byron, E.R., Pt. Whitman, & C.R. Goldman, 1983, pp. 378-382
- , Folt & Goldman, 1981, passim
- Poppe, 1888: 159
- OLIVE 1955: 433, as TYRELLI

LEPTO-

Diaptomus tyrrelli Poppe

card 3

- tyrelli, Northcote & Halsey 1969: 1779.

- TYRELLI, БАШКОВ 1929: 350, 354, 355, 357, 362, 386,  
392 - CANADIAN LAKES

-- FRANTZ & CORDONE 1966: 7, LAKE TAHOE

— FOLT, 1985: passim

-- REED 1959: 23, CANADIAN LAKES

Leptodiaptomus -, Balcer et al. 1984: 95

L. -, HUTCHINSON 1953: 572-

D. -, RYLOV 1932: 249, 270



Leptodiaptomus tyrrelli (Poppe)

card 4

D. tyrrelli, Wilson, M. S., undated key, 4-, Pl. 10,  
Washington State

D. -, FERRARI & ~~RAYEK~~ 1990: TAB. 1

D. -, ZIESENHENNE 1938: 9, WILLAMETTE NATIONAL FOREST

D. TYRELLI, WECKER 1914: 193

L. -, BOILEAU & HEBERT 1988a: 329-332, MANITOBA;

NOT = L. PRIBILOFENSIS

L. -, BOILEAU & HEBERT 1988b: 393-400, MANITOBA

D. TYRELLI, RAWSON 1956a: 71-, GREAT SLAVE LAKE

Leptodiaptomus tyrrelli (Poppe, 1888)

9

Diaptomus tyrelli, Marsh 1915:457, 459-452, figs. 6,7,

Idaho, Alaska, Yellowstone Park, Lake Tahoe

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

L. -, SCANLIN + REID 1996: 104, N. CALIFORNIA, USA

Leptodiaptomus tyrrelli (Poppe)

card 5

-- Reid 1990d:228

D. TYRRELLI, SHIH ET AL. 1971: 39, CANADA-ATLANTIC

D. TYRRELLI, WILLIAMSON 1991: 796 -

L. -, BORILTZKY ET AL. 1991: 353, FIG. 152, DISTRIBUTION

L. -, STRELITSKAYA 1986: 94