

in) Tachidiidae - Harpacticoida.

Euterpina valid -

Norman, 1903.

E. gracilis.

Syn. Euterpina Norman, 1903, p. 368.

Name suggested by Norman in 1903.
to take the place of Euterpe Claus,
1863, which had been preoccupied.

Syn. Harpacticus Dana, 1847, p. 152.

Harpacticus Dana, 1852, p. 1089

Euterpe Claus, 1863, p. 109.

Euterpe Giesbrecht, 1892, p. 78, 555.

Euterpe Esterly, 1905, p. 212.

Euterpina Norman, 1907.

Euterpina Pesta, 1921, p. 629.

Euterpina

(2)

- , Soyer, 1970, p. 262
- , BRIAN 1927: 9, 10.
- , Walter Pasamonte, 1981, p. 447
- , REID + ESTEVES, 1984: 322
- IZAWA 1987: 162 -
- GEE 1988b: 193, IN KEY
- BJÖRNBERG, T. 1986: 56-, FIG. 66
- DOWIDAR 1986: 629, SE MEDITERRANEAN

(ENTERPINA) *Euterpina*

3

--, ANDRONOV & MAIGRET 1980: 76.

Tachidiidae-Harpacticoida

Euterpina acutigrans (Dana), ♀.♂.

1848 accord to Long, 1948

Harpacticus — Dana, 1847, p. 153.

Euterpe — Claus, 1863, p. 109: pl. 14, figs. 1-13

— — Cleve, 1900, p. 143: 1901, p. 7.

— — Moroff, 1909, p. 466: text-figs. B-L.

— Thompson, 1900: 285

Habitat. California Coast: Rio Negro: Canary

Islands: Wimeroux: North Sea: Trieste:

Tropical Pacific: British Seas:

— A. Scott, 1902: 409

Eutерpe — Steuer, 1910, p. 1033 (29).

Eutерpina — Thompson & Scott, 1903, p. 258.

Harpacticus — Dana, 1852, p. 1192: pl. 83, f. 11, a-b.

Eutерpe gracilis Claus, 1866, p. 22.

E. acutifrons Giesbrecht, 1892, p. 555: pl. 44;

— — Esterly, 1905, p. 212: text fig. 53.

fig. 16-31

— — Giesbrecht, 1891, p. 475

gracilis Brady & Robertson, 1873, p. 131.

— — Möbius, 1875, p. 269.

— — Brady, 1880, p. 22: pl. 40, f. 1-16.

— — Car, 1884, p. 242

— — Pouchet & de Guerne, 1887, p. 712

E. gracilis Thompson, 1887, p. 70. : 1888, a. p. 734.

— — Giard, 1888, p. 492 +

— — Bourne, 1889, p. 150 : 1890, p. 376 +

E. acutifrons Pesta, 1921, p. 629 : text-fig. P 71.

— — Giesbrecht, 1891, p. 475.

— gracilis Claus, 1863, p. 110 : pl. 14, f. 1-13.

— acutifrons Canu, 1892, p. 154.

— — Steuer, 1910, p. 1033 : Cleve, 1902, p. 2

— — Grandori, 1913, p. 10 : Cleve, 1903, p. 36

— — Brian, 1914, p. 137 : 1921, p. 58.

— — Cleve, 1900, p. 65.

- — Krämer, 1895, p. 219. : Rose, 1929, p. 54.
— — Timm, 1894, p. 381; T. Scott, 1912, p. 543.
— — T. Scott, 1893, p. 93 : pl. 12, f. 14-23.
— — Thompson, 1896, p. 25; Brady, 1899, p. 39.
— — Thompson, 1900, p. 285; 1903, p. 32.
— — A. Scott, 1902, p. 409; 1909, p. 229.
— — Norman, 1903, p. 368.
— — Wolfenden, 1905, a, p. 1034; pl. 99, f. 18-20
— — Norman & T. Scott, 1906, p. 139.
— — v. Breemen, 1908, p. 176; text-fig. 191.
— — Thompson, 1893, p. 193; pl. 19, f. 3, a-d.
— — Klie, 1913, p. 44 fig. 32, text.
— — Farran, 1929, p. 297 Sewell, 1924, p. 836.

Euterpina

E. acutifrons ③

- — Monard, 1928, p. 300 : fig. 4.
- — Klie, 1929, p. 17:
- — Chappuis, 1936, p. 459: text-figs. 17-19.
- — Wilson 1942, p. 186
- — Sewell 1940, p. 141, Nicobar Ids.
- —, ~~Mathias~~ Mathias & Euzet, 1951, p. 186. Étang de Thau.
- —, Carvalho, 1952, p. 163-164, pl. 2, fig. 85-88. Bay of Santos, Brazil.
- --, Chappuis 1954 pp. 223. In Gulf of Iran.
- —, NOODT, 1956, P.P. 46. N. SEA HIST AND SYCT.
- —, SEWELL, 1947, P. 290, N. Arabian Sea areas.

- , FURUHASHI, 1957, P. 18. MAIZURU BAY, JAPAN.
- , Davis, 1950. Biscayne Bay. Florida Current.
- , Grice, 1956. Alligator Harbor, Fla.
- , Woodmansee, 1958, p. 256. Biscayne Bay, Fla.
- , Dahl, 1894. Coast of Brazil.
- , Sewell, 1933, p. 31. Kurau River, Malaya.
- , Menon, 1931, p. 510.
- --, Bresciani et Lutzen 1962. p. 368
- --, Kartha, 1959. p. 264
- --, El-Maghraby, 1965. pp. 44-45, fig. 2D, 3G.
- --, Decker, 1964. p. 22. South Africa
- --, González, and Bowman, 1965. p. 264, fig. 14d-1
- --, Tanaka, 1960. p. 92
- --, Petkovski, 1964 p. 5, fig. 5
- --, Wells, 1963. p. 13

Euterpina acutifrons Danz-4

-- --, Cronin, 1962, p. 81
 -- --, Wells, 1970, p. 256
 -- --, Vilela, 1968, p. 42
 -- --, Saraswathy, 1967, p. 86
 -- --, Gilat, Kane & Martin, 1965, pp. 13-20
 -- --, Brian, 1937, pp. 1-18
 -- --, *Coull and Vernberg, 1970, p. 343*
 -- --, *Bacon, P.N., 1971, p. 85*
 -- --, *Fleminger, 1967, p. 35*
 -- --, Hure & Scotto di Carlo, 1968, p. 66.
 -- --, Berdugo & Kimor, 1968, p. 448
 -- --, Chi

-- --, *Crosby et al, 1973: table 19*

Euterpe acutifrons, Chiba, 1956, p. 8

-, Bradford, 1972, p. 50, fig. 15.1-15.2

Euterpe acutifrons Dana, Cleve, 1901, p. 7

--, Corral, 1970, p. 252

--, DeDecker, 1962, p. 108

--, Bernard, 1970 p.167

--, Rose, 1955, p. 392

--, Rose, 1956, p. 463

--, Stock & Vos, 1960, p. 207 Dana

--, Pesta, 1932, p. 27-8, fig. 22

--, Ehrhardt, 1967, p. 742

-, MOORE + SAUNDER, 1979: 200, 201

- , Vervoort, 1964, p. 78
- , Coker & Gonzalez, 1960, p. 18
- , Omori, 1973, pp. 5, 7, 8, 9.
- , Bowman, Chappuis, Herbst, 1959, p. 266.
- , Krylov, 1967?, p. 248
- , Stickney and Knowles, 1975, pp. 150-151.
- , Frucht1, 1924, p 106
- , Bjornberg, 1971, p. 348-9
- , Hue, 1967, pp. 15.
- Umminger, 1968, pp. 255.
- Lonsdale & Cowell, 1977, p. 275.

E. ACUTIFRONS

Vives, 1972, pp. 227-8.

, Tundisi & Tundisi, 1968, pp. 57-

--, Furuhashi, 1961: 109: Euterpe a.

--, Bjornberg, 1963: 9, 71, 72, 99, 100 (table), 104 (2 tables),
120

, MILSTEIN, 1979: 69

, CASTEL, 1976: 208

, HEID & SMOL, 1976: TAB. 5; 328, 332

, BREEMEN, 1906: 7, 9, 10, 11, 19

, DIGBY, 1950: 394, 408; FIG. 13; TAB. 1, 9

, DEEVEY, 1971: TAB. 3

EUTERPINA ACUTIFRONS

CARD 46

- , BOYSHALL, 1979: 229
- , CORRAL & ALVAREZ-OSSORIO, 1978: 138
- , HOPKINS, 1977: 471, 475; TAB. 1-3
- , ITO, 1971: 252
- , BINET & DESSIER, 1971: 441, 456
- , FANTA, 1972: 165-181; FIG. 1-6; TAB. 1 NAUPLIAR ANATOMY
- , FANTA, 1976: 206, 207, 211, 212, 213, 214
- , BEAUDOUIN, 1973: 125, 164
- , OWRE & FOYO, 1972: TAB. 4, 6

- > ROE, 1958: 225
- > SCOTTO DI CARLO, ET AL., 1975: TAB. I
- ARCOS 1978: 47, TAB. III, 50.
- BODIN 1970: p. 400, Tab. B.
- BODIN 1972: p. 660, Tab. 2.
- BRIAN 1927: 11; TAB. IV.
- CRISAFI & CRESCENTI 1975: 207, 209-215.
- Chen, 1980: table 1
- Ramirez, 1969: 100-101, fig. 171

Euterpina acutifrons

card 7

--, Stickney & Knowles, 1976, p. 124

--, Grindley, Estuarine plankton, p. 124, tbl. 3

--, Ueda, 1978, p. 56, tbl. 1

--, Grindley & Wooldridge, 1974, p. 204

--, Smol & Heip, 1974, p. 162, 166

--, Coull & Wells, 1981: passim

— Mori, 1942: 560

— Marques, 1947: 41-42, fig. 3a-e.

— Vernberg & Vernberg, 1976: 73, BRAZIL, SE
USA COAST
(SOUTH CAROLINA)

- Bjornberg, 1968: 141-142, pl. 41, fig. 4-5.
- Binet & Dessier, 1968: 16

Euterpina acutifrons

card 8

- , Soyer, 1970, p. 261
- , Ueda, 1980, passim
- , Ueda, 1982, passim
- , Fonseca & Prado, 1979b, p. 12
- , Madhupratap & Haridas, 1975: passim
- , Mori, 1929: pl. 7, figs 17-18
- , Cannicci, 1959: passim
- Santos, 1970: 285
- Monod, 1931: 400

EUTERPINA ACUTIFRONS (DANA, 1847)

CARD 9

- HIROMI + TAKANO 1983: 171, 173 FIG. 1b
- , REID + ESTEVES, 1984: 310, 313, 320-321
- , VAISSIÈRE + SEGUIN, 1984: TAB. 1 p. 3
- FULTON 1984: 400, 403, 405, 408-411
- DUSSART 1984: 65
- DO ET AL. 1984: 27.
- MOREIRA & McNAMARA 1984: 298 - 302. NEW ZEALAND.
- MOREIRA ET AL. 1985: 53, BRAZIL.
- MASSUTI' + NAVARRO 1950: 20.

Euterpina acutifrons (Dana, 1847)

card 10

- Sander & Moore 1978: 233, Barbados
- PATRITI ET AL 1984: 138-141, MARSEILLES
- PATRITI 1984a: 157-161, Gulf of FOS-SUR-MER
- PATRITI 1984b: 165, MARSEILLES
- YOUNG-BLUTH 1976: 490, PUERTO RICO
- YOUNG-BLUTH 1979: 23, CARIBBEAN
- YOUNG-BLUTH 1980: 265-287, PUERTO RICO
- KOGA 1973: 32, FIG. 14
- KOGA 1984b: 104, 119, FIG. 10-4; 127, 161, FIGS. 44, 45, TABLE 2-(24); FIG. 61(32)-NAUPLIUS

Euterpina acutifrons (Dana, 1847)

card 11

- Iwasaki et al 1977: 60.
- IWASAKI & KAMIYA 1977: 53.
- Deevey, 1960a: 16
- Knatz, 1986: passim
- Dakin & Coletax, 1940: 106, fig. 164a-c
- Dakin & Coletax, 1933: 218, 208
- Tanaka, 1965a: 32a-c
- Bjornberg, 1981: 679, fig. 228 #4
- Dawson & Knatz, 1980: 64, pl. 51, fig. a-g
- DeDecker, 1984: 317

EUTERPINA ACUTIFRONS (DANA, 1847)

CARD 17

- MICHEL ET AL. 1986: 12, 14, 20, 21, 35 - ARABIAN GULF
- MICHEL ET AL. 1986: 51, 56-61, 67, 75, 90-91, FIGS.
B15, B16 - ARABIAN GULF
- MICHEL ET AL. 1986 C: 53, 61, 62, ARABIAN GULF
- Hure, 1961: 27
- Hure, 1955: 37
- VINCX + HEIP 1979: 294
- SAZHINA 1975: 80-84
- Kimmerey, et al, 1985: table 3 Australia

Euterpina acutifrons (Dana, 1847)

card 13

-- Vilela 1972:2

-- TEARE 1978: 351-352

-- HIRAKAWA 1974: 41, 43, 52

-- GOSWAMI 1977: 569

EUTERPE -, TOKIOKA 1951: 17, EIGU BAY, JAPAN

EUTERPE -, FUSHI 1951: 28, EIGU BAY, JAPAN

--, HERDMAN & SCOTT 1912: 143-145, ISLE OF MAN.

--, HERDMAN ET AL. 1913: 214, ISLE OF MAN.

— Sarkar, et al., 1986: 178

India

— Tafe & Griffiths, 1983: 112

Australia

- Vives, 1978: 266, 288
- ASSIS ET AL 1984: 218-, PORTUGAL
- ROUCH 1962: 237, 240 - BUENOS AIRES, ARGENTINA
- ROUCH 1968a: 132, 138, 141
- REGNER 1987: 374-, ADRIATIC
- REY ET AL. 1987: 65-, INDIAN RIVER AREA, FLORIDA
- BOERO & CARLI 1977: 167
- BRUZZONE ET AL. 1979: 79, GULF OF GENOA
- BRUZZONE ET AL. 1982: 235, GULF OF GENOA
- CARLI 1968: 100-, LIGURIAN SEA
- CARLI 1971a: 61-, " "

Euterpina acutifrons (Dana, 1847)

card 14

- Carli & Crisafi 1983: 90, Pl 19 fig. 1, Italy
- CARLI + SERTORIO 1964: 207-, LIGURIAN SEA
- CARLI + VALENTE 1981: 731-, " "
- MILSTEIN + JUANICO 1985: 162, MALDONADO BAY, URUGUAY
- MILSTEIN 1983: 353, MALDONADO BAY
- IZAWA 1987: 164- ; FIG. 14 B
- HUNTLEY ET AL. 1987: 111
- KIDRTSIS ET AL. 1969: 38-, AEGEAN
- MONTU' 1980b: 57-, BRAZIL

Acteopina acutifrons (Dana, 1847)

card 15

-- Montú & Gloeden 1986: 119-, fig. 36 1-n, southern
Brazil (Lagoa dos Patos)

-- BARETTA & MALSCHAERT 1988: 74-75, EMS
ESTUARY, NETHERLANDS / GERMANY

-- CITARELLA 1986: 278-, MARSEILLES

-- DJÖRNBERG, T. 1986: 63

- CHEN Q-C 1986: 527

- VILLATE & ALCARAZ 1986: 610-, BILBAO, SPAIN

- REID 1970: 36-, NORTH CAROLINA

Euterpina acutifrons (Dana, 1847)

card 16

-- Reid 1978: 45-, North Carolina

-- Humes, 1986: 982, 1015

-- Soldevilla, et al. 1988: 61 Canary Islands

-- RODRIGUEZ & VIVES 1984: 242-, MALAGA

EUTERPE -, KIKUCHI 1930: 37-, JAPAN, LAKE HIRUGA

EUTERPE -, MARUKAWA 1921: 7-, JAPAN

-- TESTER 1985: 51

- ARUNACHALAN & BALAKRISHNAN NAIR 1988: 517-, INDIA

- LÖFFLER 1961c: 393

Euterpina acutifrons (Dana, 1847)

card 17

-- Jimenez Perez 1989:91-, Todos Santos Bay, Baja
California

-- TURNER 1984d:9-

-- VALENTIN 1989: 34, CABO FRIO, BRAZIL

-- MEDINA-GAERTNER 1988: 26, SENEGAL

-- KRISHNASWAMY 1957d: 14, MADRAS, KRUDASAI, INDIA

-- BURRELL + ZWERNER 1972: 139, CHESAPEAKE BAY

-- BOTTGER 1985: 39-, RED SEA

-- DAHMS 1988b: 15-, NORTH SEA - WANGERROOGE

Euterpina acutifrons (Dana, 1847)

card 18

-- Hipeau-Jacquotte, 1984:67

-- GAUDY 1984: 209 -

-- LAKKIS 1984: 290-, E. MEDITERRANEAN

-- MICHEL + HERRING 1984: 328-, ARABIAN GULF

-- SABATINI 1989: 848-, BAHÍA BLANCA, ARGENTINA

- BONECKER, NOGUEIRA + SANTOS 1990: 74, OFF ESPIRITO
SANTO, BRAZIL

- PARANAGUA', SILVA ET AL. 1990: 87, RIO CAPIBARIBE, PE, BRAZIL

- SANTANA-BARRETO ET AL. 1990: 90, PERNAMBUCO, BRAZIL

- CROCE 1960: 19-28, GENOA, ITALY

Euterpina acutifrons (Dana, 1847)

card 19

- (=Euterpe) -, Clogston 1965:8-

-- CARLOTTI + NIVAL 1991: 802 -

-- REID 1990g: 201

EUTERPE GRACILIS, GRANDORI 1913: 166, VENICE
LAGOON

-- HAYS 1993: 781

- DAHMS 1992a: 231-, TABLE 1

- ALVAREZ SILVA 1988: 167-, VERACRUZ, MEXICO

- LANSAC TÔHA + HIMA 1993: 92-, TAB. 1, S. PAULO, BRAZIL

Euterpina acutifrons (Dana, 1847)

card 20

- Moreira, Yamashita & McNamara 1983: 111-, Sao Sebastiao Channel, Sao Paulo, Brazil
- YAMASHITA 1977: 91-120, SÃO SEBASTIÃO CHANNEL, SÃO PAULO, BRAZIL
- STANCYK + MOREIRA 1988: 125-144, FIG-1, OFF SÃO PAULO, BRAZIL
- MOREIRA 1986: 1565-1568, OFF SÃO PAULO, BRAZIL
- YAMASHITA + MOREIRA 1981: 29-, OFF SÃO PAULO, BRAZIL
- MOREIRA 1975: 73-, OFF SÃO PAULO, BRAZIL

Euterpina acutifrons (Dana, 1847)

card 21

- Moreira 1976: 109-, off Sao Paulo, Brazil
- MOREIRA, JILKETT ET AL. 1982: 85-, OFF SÃO PAULO, BRAZIL, + NEW ZEALAND
- LAOPHONTE SAGENARUM, OLIVEIRA 1945 (1946):
191, 198-200, PL. 4, N. SP. ♂ ONLY, GUANABARA BAY,
RIO DE JANEIRO, BRAZIL
- PARANAGUA' 1985: 774, PERNAMBUCO, BRAZIL
- POR ET AL. 1984: 218-, SÃO PAULO, BRAZIL
- MOREIRA + VERNBERG 1968: 282-284, NORTH CAROLINA, USA,
+ SOUTH BRAZIL COAST

Euterpina acutifrons (Dana, 1847)

card 22

-- Moreira & Vernberg 1978: 449-455, Sao Paulo, Brazil

-- BINET & DESSIER 1968: 16, OFF MADAGASCAR

-- OKENWA & REVIS 1986: 32, TAB. 1, KENYA COAST

EUTERPE -, ROSE 1927: 147, OFF ALGERIA

EUTERPINA -, ROSE 1934: 56-81, ALGERIA

-- POA 1962: 29

-- ALVAREZ-SILVA 1996: 19, TAB. 2, VERACRUZ, MEXICO

-- BÖTTGER-SCHNACK 1997: 410-, TAB. 86, E. MEDIT.

-- DÜRBAUM 1997: 202

Euterpina gracilis Claus, ♀.

- Euterge Claus, 1863, p. 109; pl. 14, fig. 1-13.
- — — Carus, 1885, p. 319; Claus, 1866, p. 22
- — — Brady, 1880, vol. 2, p. 22; pl. 40, fig. 1-16.
- — — Giesbrecht, 1892, p. 555; pl. 44.

-- Bremer, 1906: 19

Habitat. German Ocean: Mediterranean

- — Bourne, 1889, p. 150
— — Brady & Robertson, 1873, p. 131.
— — Möbius, 1875, p. 270.
— — Brady, 1899, p. 39
Euterpina, Norman, 1903, p. 368.

Euterpe gracilis, Corral, 1970, p. 252.

—, Pesta, 1932, p. 27

Tachidiidae-Harpacticoida

Euterpina gracilis Claus.

var., armata T. Scott., ♂. ♀.

— — — T. Scott, 1894, p. 93: pl. 12, f. 14-23.

Habitat. Gulf of Guinea.

(Enterpina sp.) Euterpina

--, ANDRONOV & MAIGRET 1980: 80.

Euterpina sp.

- , Bjornberg, 1963: 125
- , Moore & Sander, 1976, p. 595, tbl. 3
- CARLI 1971a: 61-, LIGURIAN SEA
- CARVALHO 1939: 40, SAO PAULO, BRAZIL