

Labidocera, valid.

Tubbock, 1853.

L. darwinii <sup>(M)</sup>

Syn.

Pontella (pars) Dana, 1846, p. 228

Hemipontella, Claus, 1892, a. p. 860

Labidocera Tubbock, 1853, pp. 203, 208.

Labidocera Giesbrecht, 1892, p. 70, 444,

Λαβίς, forceps and κέρας, a horn. [746.

Labidocera Esterly, 1905, p. 199.

Labidocera Wheeler, 1901, p. 178.

Pontellina (pars) Dana, 1852, p. 1135.

Cephalosome with or without lateral hooks:  
last seg't. of metasome fused with preceding  
one = urosome 2-3-jointed in ♀, 5-jointed in ♂.  
1° antennae 23-jointed in ♀, right one in ♂  
swollen at the center. 2° antenna with  
endopod confluent with basal part.  
Endopod of all swimming legs 2-jointed.  
5° legs in ♀ with both rami 1-jointed; left  
leg in ♂ with rudimentary endopod.

Pontella Clavé, 1863, p. 207; 1893, p. 233, 271.

Pontella Brady, 1878, p. 73; 1883, p. 87 (pars).

Pontella Thompson, 1887<sup>a</sup>, p. 34; 1887<sup>b</sup>, p. 65.

Pontella Dana, 1849, p. 280 (pars).

Labidocera, T. Scott, 1893, p. 82.

Labidocera Esterly, 1905, p. 199.

Labidocera Giesbrecht, 1889<sup>c</sup>, p. 26: 1897, p. 254.

Labidocera Giesbrecht & Schmeil, 1898, p. 132.

Labidocera G.O. Sars, 1902, p. 141.

Labidocera Canu, 1890, p. 480.

Labidocera Turbbock, 1853.a, p. 25.

Pontia Krøyer, 1849, p. 608.

Pontella Turbbock, 1853, p. 116: 1857, p. 406.

Pontellina Turbbock, 1860, p. 8.

Pontella Czerniavsky, 1868, p. 54.

Pontella Grebnitzsky, 1874, p. 242.

Pontellina Streets, 1877, p. 140.

Pontella Thompson, 1888, c, p. 143: 1889, b, p. 184.

Pontella Claus, 1888, p. 100.

Pontella Bourne, 1889, p. 149.

Pontella Claus, 1893, p. 271.

Lubidocera Pesta, 1921, p. 539

Labidocera

①

superspecies, Fleminger, 1972: 86

-- DISCUSSION OF GENUS: GREENWOOD, 1979: 95

--, GAULD, 1966: 318-32 (SWIMMING & FEEDING)

--, Moore & Sander, 1976, p. 594, (tbl. 3 for species listed)

--, Rosenthal, 1972, p. 157, 165

-) SATO & HIRANO, 1978: 151

-, FERRARI, 1980: 548, 549

- WALTON 1985: 176

- HOGA 1973: 36, FIG. 10-5, NAUPLIUS

Labidocera LUBBOCK, 1853

card 2

- Koga 1984b: 107, Fig. 2-5, nauplius
- ARCOS + FLEMINGER 1986: 170
- MALT 1983a: 464
- PETIPA 1975: 39
- LABRÉ 1929: 614
- FLEMINGER 1986: 87, 91, 96
- MAUCHLINE 1988: 715; FIG. 8D, PORE SIGNATURE
- BJÖRNBERG + CAMPANER 1988: 356
- RAMIREZ 1966: 17-18, DIAGNOSIS

Pontellidae — Calanoida.  
Labidocera acuta (Dana), ♀.

♀ 3.4 mm. ♂ 3.3 mm

Pontellina Dana, 1853, p. 1150: pl. 80, f. 12, a-c.

Pontella — Brady, 1883, p. 89: pl. 36, f. 1-12.

Labidocera <sup>acuta</sup> — T. Scott, 1894, p. 85.

Labidocera acutum Giesbrecht, 1889, p. 27.

— — Thompson, 1900: 282

Habitat. Gulf of Guinea; Indian Ocean:  
Philippines; Red Sea; Tropical Pacific

- L. acuta* Giesbrecht & Schmeil, 1898, p. 134.  
— — Cleve, 1904, p. 191; Stebbing, 1910, p. 542.  
— — Thompson & Scott, 1903, p. 251.  
*L. acutum* Giesbrecht, 1895, p. 259; 1891, p. 282.  
— — Giesbrecht, 1892, p. 445; pl. 4, 23, 25, 41.

---

*Pontella* Dana, 1849, p. 30; (Cleve, 1904, p. 191  
*L. acuta*, Cleve, 1901, p. 7; 1903, p. 363; ^  
— — Wolfenden, 1905, p. 1016.  
— — A. Scott, 1902, p. 407; 1909, p. 164.  
— — Pesta, 1912, p. 52; t. fig. 13; 1913, p. 32  
— — Sewell, 1912, p. 368; 1914, p. 233.  
— — Wolfenden, 1911, p. 361.  
— *acutum* Thompson, 1893, p. 184; pl. 16. f. 6, a-d.  
— — Wilson 1942, p. 190



Labidocera acuta-2

(2)

- \_\_\_\_ Sewell 1932, p. 351, fig. 116-7, develop. stages  
\_\_\_\_, Matoda and Anraku, 1955 p. 212, Idzu Is.  
-- --, Anraku, 1954, pp. 1-8 N W Pacific  
-- --, Mori, 1937, P. 91, JAPAN.  
-- --, Sewell, 1947, P. 248, S. ARABIAN COAST.  
-- --, Chiba, 1956, p. 60, fig. 56 A-I.  
-- --, Heinrich, 1960. Distribution in Central Pacific.  
-- --, Furuhashi, 1961. p. 7  
L. acutum, Decker, 1964. p. 22 South Africa

L. acuta, Brodsky, 1962. pp. 148-149, fig. 49

-- --, Sherman, 1964. pp. 476-484

-- --, Saraswathy, 1967, p. 81

-- --, *Heinrich, 1971 passim*

-- --, *Fleminger, 1967, p. 2, 10*

-- --, Chiba, 1956, p. 60, fig. 56

--  
L. acutum (Dana), Cleve, 1901, p. 7

--, Rose, 1955, p. 391

--, Rose, 1956, p. 461

--, Seno, Komaki & Takeda, 1963, tab. 2

- , Brodsky, 1972, p. 256
- , Voronina, 1962, p. 68, 70, fig. 2, 5
- , Fruchtl, 1924, p. 55
- , Ackefors & Zilliox, 1975, p. 2
- , Pillai, P.P., 1972, pp. 66
  
- , Bjornberg, 1963: 100 (table), Table 17
- , TANAKA, 1964a: 252, 254 ♀♂
- , GREENWOOD, 1979: 94, 95-97; FIG. 1; SYN. PONTILLA A.
- , FLEMINGER, 1975: FIG. 5; TAB. 1
- , FLEMINGER & MOORE, 1977: 521
- , GOSWAMI & GOSWAMI, 1974: 109, 112; TAB. 1, 2

- , BIERI, 1977: 28
- sp. 1, ARCOS. 1978: TAB. III.
- , CHENG et. al. 1965: 2, 3.
- , Steekumar et al 1981: passim
- , Madhupratap & Haridas, 1975: passim
- Chen, 1980: table 1
- , MATSUO & MARUMO, 1982: 89, 93, 96-97
- TRANTER 1977: 598.
- UVE & KASAHARA 1978: 113
- MICHEL & FOYO 1976: 145
- KOGA 1968: 17, 18, PL. I FIG. 7 - EGG

Labidocera acuta

card 4

-- Koga 1973: 33, Fig. 4-7, egg

-- Koga 1984b: 110-113, FIGS. 4-4, 5-4, 6-4, NAUPLII;  
FIG. 11 - 7, EGG; 127, 150-151, FIGS. 35, 36, TABLE  
2-(15); 188; FIG. 61(10)

- Dakin & Colefax, 1933: 206

- Tanaka, 1965a: 33, fig. 1a-c

- Binet & Dessier, 1968: 14, OFF MADAGASCAR

- DeDecker, 1984: 317

-- MADHU PRATAP & HARIDAS, 1986: 109, 112, 115-INDIAN  
OCEAN.

LABIDOCERA ACUTA (DANA)

CARD 5

- MICHEL ET AL. 1986: 75, ARABIAN GULF
- Greenwood, 1982b: table 3
- Kimmerer, et al, 1985: table 3 Australia  
(L. acutum) -- Tafe & Griffiths, 1983: 112
- MAUCHLINE 1988: 715
- BAMSTEDT 1986: 22-
- DESSIER & DONOUY 1987: 14, 400, E PACIFIC
- JIMENEZ-PEREZ & LARA-LARA 1988: 126,  
GULF OF CALIFORNIA

Labidocera acuta (Dana, 1849)

card 6

-- Michel & Herring 1984:328-, Arabian Gulf

-- MARUKAWA 1908:13, Pl. IV FIGS. 142-144, Pl. V FIGS.  
147-148, OFF JAPAN

-- OKEMWA + REVIS 1986:31, TAB.1, KENYA COAST

Labidocera acutum (Dana)

--, DeDecker, 1962, p. 108

--, Furuhashi, 1961: 108: acuta

- Dakin & Colefax, 1940: 101, fig. 143a-c

- Dakin & Colefax, 1933: 218



Pontellidae — Calanoida

Labidocera acutigrans (Dana), ♀

♀ 3.85 mm ♂ 3.9 mm.

Pontellina — Dana, 1852, p. 1149: pl. 80, f. 11, a-h:

Labidocera Cleve, 1900, p. 143. [Pontella — 1849, p. 30

Pontella — Brady, 1883, p. 91: pl. 35, f. 1-13.

Labidocera — T. Scott, 1894, p. 85; 1912, p. 538.

———— — Giesbrecht, 1892, p. 445, pl. 23, fig. ~~11, 14~~<sup>2, 12, 30, 33, 40, 41</sup>; ~~pl. 25, fig. 20~~, pl. 41, fig. 3, 26, 42

Habitat. Gulf of Guinea; Gilbert Islands; Philippines; Cape Verde Islands; Sandwick Islands; Tropical Atlantic;

Australia; Coast of Peru, Arabian Coast, Antarctic Ocean, Woods Hole Mediterranean, Australian Barrier Reefs.

— — Giesbrecht, 1895, p. 259: 1889, c. p. 27.

— — Giesbrecht, 1892, p. 445: pl. 4, 23, 25, 41.

Pontia edwardsii Krøyer, 1849, p. 572, 599, 608: pl. 6.

Pontella bairdii Tubbock, 1853, p. 116: pl. 5 & 7.

Pontellina bairdii Tubbock, 1853, p. 8.

Labidocera acutifrons Giesbrecht, 1889, c. p. 27.

— — Giesb. & Schmeil, 1898, p. 134.

— — Wolfenden, 1911, p. 361.

— — Farran, 1929, p. 274.

— — Cleve, 1900, p. 66.

— — Thompson, 1900: 282

— — Wilson, 1932, p. 145: — fig. 98., 1942, p. 191, f. 52

Sewell, 1947, p. 249.

Fleminger, 1957. Gulf of Mexico distribution.

Sars 1925 p. 354

— —, Heinrich, 1960. Distribution in Central Pacific.

-- --, Cervigon, 1962. p. 185

-- --, A.G. Fish, 1962, pp. 18-19.

-- -- Heinrich, 1964

-- -- Sherman, 1964, pp. 476-484.

-- -- Owre, 1962

-- -- Sherman and Schaner, 1968, pp. 582-584.

-- -- Park, 1968, pp. 527-572.

*Labidocera albatrossi* Wilson, 1950 (cf. Fleminger 1965, p. 126).

— —, Heinrich, 1971, *passim*

--, Fleminger, 1967, p. 2

--, Furuhashi, 1961: 108

--, Bjornberg, 1963: 9, 60, 104 (2 tables), table 8, 115, 121,  
table 17

-- , Paiva, 1971, p. 29

--, Rose, 1937, p. 154

--, Rose, 1953, p. 457-

--, Rose, 1956, p. 461

--, Kolesnikov, 1966, p. 155

--, Voronina, 1962, p. 68, 69

--, Van Engel & Tan, 1965, p. 184

--, Fruchtl, 1924, p. 55

--, Bjornberg, 1971, p. 348

--, Ackefors, & Zillioux, 1975, p. 8

--, Bowman, 1971, p. 6 -

--, Morris, 1970, p. 2301.

--, MOORE & SANDER, 1979: 200

LABIDOCERA ACUTIFRONS

CARD 3

- , VERVOORT, 1965: 187-189 SYNONYMS: PONTELLA A. ;  
PONTELLINA A. ; PONTIA EDWARDSII ; PONTELLA  
BAIRDII
- , TANAKA, 1964a: 252, 253-254 ♀♂; FIG. 231
- , TURNER, ET AL., 1979: 293, 294 ; TAB. 2, 3
- , GREENWOOD, 1979: 94, 95, 97; SYN. PONTELLA A. ; PONTELLINA A.
- , FLEMINGER, 1975: FIG. 5
- , FLEMINGER & MOORE, 1977: 520, 521
- , STEPANJANTS, 1977: 78, 82, 85, 93; TAB. 1, 3, 6

- , BIDET & DESSIER, 1971: 438, 455
- , FLEMINGER & CLUTTER, 1965: 103
- , ITOH, 1970: TAB.1
- , OWRE & FOYO, 1964b: 367
- , EVANS, 1961: 196
- Dakin & Colefax, 1933: 206
- Turner & Collard, 1980: 526-529

Labidocera acutifrons

card 4

--, Neto & Paiva, 1981, p. 46

--, Heinrich, 1974, p. 43, 45-49

- Marikova & Campos, 1967: 68

- Bjornberg, 1968: 105-106

-- SANDER & MOORE 1978: 233.

-- YOUNG-BLUTH 1979: 22, CARIBBEAN

-- KOGA 1984b: 150

-- GRICE & HART 1962a: 294, W. NORTH ATLANTIC

-- GRICE & HART 1962b: TABLE 3

- Dakin & Colefax, 1940: 101, fig. 144a-e
- Binet & Dessier, 1968: 8, OFF MADAGASCAR
- Bjornberg, 1981: 659, fig. 222 #14
- DeDecker, 1984: 317
- MADHUPRATAP & HARIDAS, 1986: 109, 112 - INDIAN Oc.
- MICHEL ET AL. 1986: 75, ARABIAN GULF
- Greenwood, 1982 b: table 3
- LI & FANG 1983c: 379
- GIBSON & GRICE 1977: 7, 19
- Morgyakova & Kampos, 1966: 132, passim Cuba
- BAMSTEDT 1986: 11-



Labidocera acutifrons (Dana 1849)

card 5

- Campaner 1986: 262-, s. Brazil shelf
- DESSIER + DONOUY 1987: 14, 397-, EASTERN EQUATORIAL PACIFIC
- SUAREZ, E. & GASCA 1989a: 198-, YUCATAN CHANNEL
- MEDINA-GAERTNER 1988: 26-, SENEGAL
- GRANT 1977: 4-9-, OFF NEW JERSEY
- LAKKIS 1984: 289-, E. MEDITERRANEAN
- MICHEL + HERRING 1984: 328-, ARABIAN GULF
- SUÁREZ, E. ET AL. 1990: 126-, W. GULF OF MEXICO

Labidocera acutifrons (Dana 1849)

card 6

- Gueredrat 1970:293-296, off New Caledonia
- REID 1990g: 189; = CARIBBEAN RECORDS OF L. AGILIS
- BOXSHALL 1992: 377-
- SUÁREZ M., E. 1992: 149; W. GULF OF MEXICO
- SUÁREZ & GASCA 1991: 596; GULF OF MEXICO
- ALVAREZ SILVA & LUNA FAUSTO 1991: -, VERACRUZ, MEXICO
- RAZOUKS 1994: 10
- ALVAREZ-SILVA & GOMEZ-AGUIRRE 1994: 265

Tontellidae — Calanoida.

Abidocera aestiva Wheeler, ♀, ♂.

♀ 2 mm. ♂ 2.2 mm.

— — Wheeler, 1901, p. 178: Text-fig. 16, a-f.

— — Parker, 1902, p. 105. (Expt. on phototaxis)

— — M. Rathbun, 1905, p. 105. ?

— — Wilson, 1932, p. 147: fig. 100 (from Wheeler)

— — Sutcliffe, 1948, p. 235. (North Carolina)

Habitat. Woods Hole, Gulf of St. Lawrence, <sup>(T. Scott, Willey)</sup> Northumberland Strait (Willey); Gulf of Maine (Bigelow); Woods Hole Harbor (Fish).

— — T. Scott, 1905 (Trans. Nat. Hist. Soc. Glasgow 7 (1))

— — Owre, 1962

Labidocera astiva, Willey, 1919, p. 203, fig. 29

3 sta. off mouth Chesapeake Bay

— —, Bigelow, 1922, p. 146; 1926, p. 243 (3 sta. Gulf of Mexico)

— —, Fish, (1925 (Woods Hole, June thru Nov.)  
p. 145, 146.

— —, Carvalho, 1945, p. 97-98, pl. 8, fig. 10. (Curitiba Bay) E. do Paraná, Brazil.

— —, Carvalho, 1952, p. 148-9, pl. 1, fig. 33-36. Bay of Santos, "

— —, Oliveira, 1946, p. 470, fig. 11. Off Ilha Grande, Brazil.

— —, Fleminger, 1957. Gulf of Mexico distribution.

— —, Grice, 1960, p. 224. W. coast Florida.

-- --, Anraku & Omori, 1963. p. 119, fig. 5-10

-- --, Anraku, 1964. pp. 199-200, fig. 3

-- --, Anraku, 1964 (b). pp. 221-231

-- --, Jeffries, 1962. p. 731

— —, Anraku, 1964. p. 49

*Labidocera aestiva* Wheeler

continued

-- -- Faber, 1966, p. 195-197.

-- --, Faber, 1966, p. 418.

-- --, Cronin, 1962, p. 83.

-- -- Sherman and Schaner, 1968, pp. 582-584.

*Labidocera insolita* Wilson 1950, pp. 245-6, pl. 24, f. 346-50 (cf. Fleminger 1965, p. 127-8).

--, Fleminger, 1967, p. 29

--, HERMAN, ET AL., 1968: 68; TAB. 2, 3

--, KNATZ, 1978: 70; TAB. 1

--, ITOH, 1970: FIG. 3; TAB. 2

--, CUZON DU REST, 1963: 139, 140, 146, 152

--, MARCUS, 1979: 297-304, FIG. 5, 25 TAB. 1

Labidocera aestiva

card 2 $\frac{1}{2}$

- , Jacobs, 1969, p. 357
- , Katona, 1973, p. 574.
- , Van Engel & Tan, 1965, p. 184-
- , Bowman, 1971, p. 6 -
- , Bjornberg, 1971, p. 348
- , Cuzon du Rest, R. 1963, p. 140
- , Champalbert 'Gaudy', 1971, p. 71.
- , Umminger, 1968, p. 254.
- , Lonesdale & Coll, 1977, pp. 275, 278.
- , Bjornberg, 1963: 100 (table)
- , MOORE & SANDER, 1979: 200
- , JOHNSON, 1980: 567, 571

--, TURNER, ET AL., 1979: 292, 293, 294; TAB. 2, 3

--, HOPKINS, 1977: 471, 475; TAB. 1-3.

--, FLEMINGER, 1975: 403, 411, 412; FIG. 5, 11, 14; TAB. 2, 4

--, FLEMINGER & MOORE, 1977: 521

--, MARCUS, 1979: 297-304; FIG. 1-3; TAB. 1

--, DAVIS 1950: Tab. V-p. 92.

--, CARVALHO 1952: 148-149; Pl. 1; figs. 33-36.

— Willey, 1923: 322

Labidocera aestiva

card 3

- , Turner, 1981, p. 369, tbl. 2
- , Boxshall, 1982, p. 173
- , Grice & Marcus, 1981, passim
- , Blades & Youngbluth, 1981, passim
- , Blades - Eichelbarger & Youngbluth, 1982, passim
- , Blades & Youngbluth, 1979, passim
- , Blades & Youngbluth, 1980, passim
- , Ito, 1982, p. 722
- , Turner, 1982, p. 267
- , Vaupel Klein, 1982, p. 114



—Marcus, 1984: 127-139.

LABIDOCERA AESTIVA WHEELER

CARD 4

- , NISHIDA, 1984: 37
- , FERRARI, 1980: 548-9
- FULTON 1984: 405
- TURNER ET AL. 1984: 199
- TURNER 1984b: 265-270, 274-280.
- WALTON 1985: 167, 175
- SANDER + MOORE 1978: 233.
- CONLEY + TURNER 1985: 113-120.
- UYE + KASAHARA 1978: 109, 117

Labidocera aestiva Wheeler, 1900

card 5

- Vyshkvartzeva 1972b: 162
- MAUCHLINE 1988: 715
- SAGE + HERMAN 1972: 32-, SANDY HOOK BAY, NJ
- DAVIS 1981: 108
- LE BORGNE 1986: 123-
- BLADES - ECKEL BARGER 1986: 26- , FIGS. 2, 5, 12, 16,  
~~18~~ 17-34
- WATSON 1986: 509, 511
- HARRISON + OLDS 1986: 141
- DAVIS, CABELL S. 1986: 628, GEORGES BANK

Labidocera aestiva Wheeler

card 5

- Uye 1984b: 165, 166
- BUCKLIN & MARCUS 1985: 219-224.
- YOUNG-BLUTH 1979: 22, CARIBBEAN
- YOUNG-BLUTH 1980: 265-287, PUERTO RICO
- GRICE & HART 1962a: 295, W. NORTH ATLANTIC
- GRICE & HART 1962b: TABLE 3
- Deevery, 1952a: 88-89, 91
- Deevery, 1952b: 146
- Deevery, 1960a: 16, 29-31
- Deevery, 1960b: 62-63

- Turner & Dagg, 1983: 14, tbl. 2
- Turner, 1978: 488-499, fig. 2a-B, 3C-D
- Turner & Collard, 1980: 526-529
- LI & FANG 1983c: 379
- GIBSON & GRICE 1977: 7-20, FIGS. 1-114, DEVELOPMENT;  
VINEYARD SOUND.
- Marcus, 1985: 263-268
- de Oliveira, 1946: 470-472, text-fig. 11
- Uye, 1985: 440-447, tbl. 1

Labidocera aestiva Wheeler, 1900

card 6

-- Gill, 1986: 456

- CITARELLA 1989: 126-, ST. LAWRENCE GULF, CANADA  
-- TURNER ET AL. 1983: 95-, PECONIC BAY, LONG ISLAND  
-- SHIH ET AL. 1988: 322-, NOVA SCOTIA  
-- LINDLEY 1990: 216  
-- SUAREZ, E. + GASCA 1990: 62-, QUINTANA ROO, MEXICO  
-- GRANT 1977: 4-9-, OFF NEW JERSEY  
-- OHMAN 1988b: 542-  
-- BAN + MINODA 1992: 54

Labidocera aestiva Wheeler 1900

card 6 7

- Kimoto et al. 1986b: 142
- ONBE' ET AL. 1988: 87
- Crawford & Daborn, 1986: 139
- Marcus 1987: 169-176 Woods Hole, MA
- WYNGAARD 1988: 372 -
- Ho & PERKINS 1988: 587 -
- H. J. GRANT + WHITFIELD 1988: 603 -
- SUAREZ, E. & GASCA 1989a: 198, YUCATAN CHANNEL
- BURRELL + ZWERNER 1972: 139, CHESAPEAKE BAY

Labidocera aestiva Wheeler, 1900

card 8

- Harding, G. et al. 1980:32-, Nova Scotia
- SHIH ET AL. 1971: 43-44, CANADA-ATLANTIC
- CITARELLA 1984: 139-, SHÉDIAC BAY, NEW BRUNSWICK,  
CANADA
- FERRARI 1991: 117 -
- REID 1990g: 189
- BAN & MINODA 1991: 299 -
- BAN 1992b: 361
- OHTSUKA 1992: 264



Labidocera aestiva Wheeler, 1900

card 9

-- Lindley 1992: 369--

-- ALEKSEEV 1992a: 19-

-- BOXSHALL 1992: 366-, FIG. 13A, E, 14A, D

-- ALEKSEEV 1990b: 23-, DIAPAUSE

-- ALVAREZ-SILVA 1989: 4, VERACRUZ, MEXICO

-- SAZHINA 1969: 140-

-- SUÁREZ M., E. 1992: 149-, W. GULF OF MEXICO

-- SUÁREZ + GASCA 1991: 596-, GULF OF MEXICO

-- ALVAREZ SILVA 1988: 166-, VERACRUZ, MEXICO

Labidocera aestiva Wheeler, 1900

card 10

- Alvarez-Silva & Gomez-Aguirre 1994: 265-269, in  
Tamiahua Lagoon, Veracruz, Mexico
- LEGARÉ & MACLELLAN 1960: 434, MAINE/NEW  
BRUNSWICK, USA/CANADA
- CARMAN & DOBBS 1997: 121, 124, TABS. 1, 2
- ALVAREZ-SILVA 1996: 17-21, TAB. 2, VERACRUZ, MEXICO

Pontellidae - Calanoidea.

Labidocera agilis (Dana), ♀. ①

♀ 3.15 mm.

Pontella a - Dana, 1849<sup>a</sup>, p. 30

Labidocera a - Giesb. & Schmeil, 1898, p. 138

Pontellina a - Dana, 1852, p. 1147; Pl. 80. f. 10a-d

-- -- Fleminger, 1965, p. 126.

-- FLEMINGER & MOORE, 1977: 521

Habitat. Tropical Atlantic

LABIDOCERA AGILIS (DANA)

②

--, FLEMINGER + MOORE, 1977: 521

? --, LAKKIS 1984: 290-, E. MEDITERRANEAN; FIG. 6

- REID 1990g: 189

-- FLEMINGER + KRAMER 1988: 537

Pontellidae-Calanoida

*Labidocera albatrossi* Wilson

Wilson, C.B., 1950, pp. 243-244, Pl. 23, figs. 344, 345

-- -- Fleminger, 1965, p. 126 (syn. of ~~*L.*~~ *L. acutifrons*)

LABIDOCERA BARBADIENSIS FLEMINGER  
+ MOORE, 1977

-- FLEMINGER + MOORE, 1977: 522-527 ♀♂, 528;

FIGS. 1-27; BARBADOS

-- REID 1990g: 189

× Pontellidae - Calanoida

Labidocera bataviae A. Scott, ♂♀. ①

♀ 2.3 mm. ♂ 1.96 mm

— — A. Scott, 1909, p. 168: pl. 50, f. 1-8.

— — Sewell 1932, p. 359, fig. 118, ♀♂, Indian O.

-- --, Sherman, 1964. pp. 476-484

--, Rose, 1953, p. 458

--, Rose, 1956, p. 461

Habitat. Makassar Strait.

--, Bjornberg, 1963: 100 (table)

--, TANAKA, 1964: 252

--, GREENWOOD, 1979: 103

LABIDOCERA BATAVIAE A. SCOTT

CARD 2

--, MATSUC + MARUMO, 1982: 91, 93

--, MADHUPRATAP & HARIDAS, 1986: 109 - INDIAN OCEAN

-- OTHMAN 1986: 199



Labidocera bengalensis Krishnaswamy

①

1952,--Krishnaswamy, S., pp. 321-323, text fig. 1

(a-j).

-- Pillai, P.P., 1972, p. 66

-- UMMER KUTTY 1964: 48, 53-59, Pl. II FIGS. 1-3,  
Pl. IV, V

-- KOGA 1984b: 104, 188

-- MADHUPRATAP & HARIDAS, 1986: 109 - INDIAN OCEAN

-- Greenwood 1982b: table 3

-- LI & FANG 1983c: 379

LABIDOCERA BENGALENSIS KRISHNASWAMY

CARD 2

-- GIBSON & GRICE 1977: 7, 18-19

-- IZAWA 1987: 174-

-- ONOE ET AL. 1988: 87

-- FERRARI 1991: 117-

HABIDOCERA BIPINNATA TANAKA (1936)

— —, Mori, 1937, p. 94, JAPAN SEAS.

└ — —, BRODSKY, 1950, p. 410, fig. 291.

— — Tanaka, 1936, p. 31<sup>-32</sup>, pl. 2, fig. 1-10, pl. 3, fig. 1-7.

— —, Brodsky, 1948, p. 66, pl. 20, fig. 1-5.

— —, Shen + Bai, 1956, pp. 191-192, pl. 5, fig. <sup>pp. 221-2</sup> 36-41. Off Chefoo, China.

--, Chiba, 1956, p. 14.

--, Shen & Lee, 1963, p. 581

--, TANAKA, 1964a: 250, 259

--, HIROTA + UNO, 1977: 77

--, HIROTA, 1979a: 14; FIG. 3

--, GREENWOOD, 1978a: 538, 539

--, KOS, 1977: 37, 51

--, CHENG et al. 1965: 2.

Labidocera bipinnata Tanaka (1936) card 2

--, Kasahara, S., S. Uye, & T. Onbé, 1975, p. 25

--, Kos, 1969, p. 953

--, Grice & Marcus, 1981, passim

—, Chen, 1980: table 1

--, HIROTA, 1981: 21 TAB. 1

-- SHEN & LEE 1966: 214 - CHINA

-- UYE & KASAHARA 1978: 116

— Tanaka, 1965a: 33, fig. 4a-c

— Uye, 1985: 441, pl. 1

Labidocera bipinnata Tanaka 1936

card 3

-- Onbe et al. 1988: 79, syn. of L. rotunda Mori

-- CONOVER 1965: 319-

-- BRODSKII ET AL. 1983: 15-, FIG. 3 (2a, b)

Montellidae — Calanoida  
Labidocera brasiliense Farran, ♀ ♀ 2.56 mm.

— — Farran, 1929. p. 276: text-fig. 31, a-e.

--, Bjornberg, 1963: 59, 60 (a synonym of *L. fluviatilis*)

Habitat. Off Rio de Janeiro.

Tabidocera brunescens (Czerniavsky), ♀ ♂.

♀ 2.05mm. ♂ 1.7mm.

Pontella — Czerniavsky, 1868, p. 54: pl. 4

— — Grebnitzky, 1874, p. 242

141

Tabidocera — Giesbrecht, 1892, p. 445: pl. 4, 23, 25, 26

— — Giesb. & Schmeil, 1898, p. 136.

— — Sars, 1925, p. 354

Habitat. Mediterranean: Black Sea.

— Dakin & Colefax, 1933: 206

—, BRIAN 1927: 8,

TAB. IV.



- —, Pesta, 1921, p. 540: Text fig. F 61.  
— —, Mathias + Suzet, 1951. Étang de Thau.  
— —, Crisafi, 1960. pp. 289-292  
— —, Hure & Scotto di Carlo, 1968, pp. 61.  
— —, Dolzonolskaya, 1970, p. 37, pl. 1, fig. 3  
— —, Sazhina, 1970, p. 156, pl. VI  
— —, FLEMINGER & MOORE, 1977: 501  
— —, CHISLENKO, 1977: TAB. 3  
— —, MASSUTI' & NAVARRO 1950: 28.

Labidocera brunescens (Czerniavsky)

card 2

-- Li & Fang 1983c:379

-- GIBSON & GRICE 1977: 7, 19

-- LAKKIS 1984: 289-, E. MEDITERRANEAN

-- REID 1990g: 189

-- ALVAREZ - SILVA 1996: 18, 19, TAB. 2, VERACRUZ, MEXICO

Labidocera brunescens var. Dulzettoi

-- --, Crisafi, 1960. pp. 289-292, fig. 1-4

Pontellidae - Calanoida

Labidocera carpentariensis Othman, Greenwood, and  
Fleminger

--, Fleminger, A., B.H.R. Othman, & J.G. Greenwood,  
1982, pp. 245-~~250~~, 255.

--, NISHIDA, 1984:39

-- FLEMINGER 1986:91-

## Labidocera caudata Nicholls

Nicholls 1944, p. 13, fig. 5. S. Australia ♀

--, Taw, 1974, p. 270.

--, GREENWOOD, 1979: 95

~~---~~

— McKinnon & Kimmerer, 1984: 169-172, fig 1-2

-- OTHMAN 1986: 199

Fontellidae - Calanoida.  
Labidocera cervi Krämer, ♀, ♂.

♀ 2.8 mm ♂ 2.8-3.1 mm.

- — Krämer, 1895, p. 218: pl. 16, f. 6-7.  
— — Giesb. & Schmeil, 1898, p. 137.  
— — Brady, 1899, p. 37: pl. 10, f. 8-14.  
— — Farran, 1929, p. 275: text: fig. 30, a-h.

— — Nicholls, 1944, p. 13, Australia

Habitat. Hauraki Gulf.

- — Dakin & Colefax, 1940 p. 101, figs. 148 a-f  
♀ ♂ New South Wales, Australia

— Dakin & Colefax, 1933: 208

--, Bradford, 1972, p. 48, fig. 13.7-13.9

--, Taw, 1974, p. 270.

--, GREENWOOD, 1979: 94, 95, 97-99; FIG. 2

- Dakin & Colefax, 1933: 206

- Greenwood, 1982b: table 3

-- OTHMAN 1986: 199

Labidocera chubbi Brady, ♂  
Lanternidae - Calanoida -

— — Brady, 1915, p. 137: pl. 9, fig. 7-13,  
♂ 1.4 mm.

Habitat. English Coast,



Pontellidae - Calanoida.

Labidocera crispata (Dana), ♀

♀ 2.12 mm.

Pontella - Dana, 1849<sup>a</sup>, p. 29 -

Pontellina - Dana, 1852, p. 1142; pl. 80, f. 6, a-b.

Labidocera - Giesb. & Schmeil, 1898, p. 138

Habitat: Kingsmill Island, Pacific.

LABIDOCERA DAKINI GREENWOOD, 1978

- GREENWOOD, 1978a: 539-543 ♀♂; FIG. 3-4;  
    SYN: L. SP. DAKIN + COLEFAX, 1940
- GREENWOOD, 1979: 94, 99
- GREENWOOD, 1982b: table 3
- FLEMINGER 1986: 91

Pontellidae - Calanoida.

Labidocera darwinii (Lubbock), ♂. ♀.

♀ 2.6 mm. ♂ 2.42 mm

— — Lubbock, 1853, p. 29: pl. 1, fig. 1-11.

— lubbockii Griesbrecht, 1892, p. 459:

not darwinii T. Scott, 1894, p. 83: pl. 6, fig. 39-42: pl. 7, fig. 5-6.

— —, Fleminger, 1967, p. 3

Habitat. Gulf of Guinea.

— Bjornberg, 1981: 660, fig. 222 #13

—, (= L. scotti) VERVOORT, 1965: 190

--, FLEMINGER, 1975: 399, 401, 403, 405, 408, 411; FIG.  
5, 11, 12, 14; TAB. 1, 2

Pontellidae - Calanoida.

Labidocera detruncata (Dana), ♀♂

♀ 2.8 mm. ♂ 2.5 mm.

Pontella — Dana, 1849, p. 29.

Labidocera — Thompson & Scott, 1903, p. 251.

Pontellina — Dana, 1852, p. 1143; pl. 80, f. 7, a-i

? Pontia brachyura Kroyer, 1849, p. 601, 609.

— Wolfenden, 1906: 1017-1018, pl. 98, fig. 16, 19, 34, 36

Habitat. Indian Ocean: South China Sea;  
Hawaiian Islands; Sandwich Islands;  
Buenos Ayres.

- Pontellina detruncata* Streets, 1877, p. 140.
- Pontella* — Brady, 1883, p. 90: pl. 26, 45 (pars).
- Tubidocera detruncatum* Giesbrecht, 1889, c, p. 26.
- — Giesbrecht, 1892, p. 445; pl. 23, 25, 41.
- — ta Giesb. & Schmeil, 1898, p. 135.
- — A. Scott, 1909, p. 165.
- — Wilson 1942, p. 191, figs. 53, 69
- — Sewell 1932, p. 359, fig. 119, Indian O.
- — , Anraku, 1954, pp. 1-8 N W Pacific
- — , Mori, 1937. P. 92. JAPAN SEAS
- — , Sewell, 1947, p. 249 ARABIAN SEA AREA.
- — , Chiba, Tsuruta, + Maeda, 1955. Bikini.
- — , Saraswathy, 1967 p. 81

Labidocera detruncata (Dana)

card 2

-- -- Sherman and Schaner, 1968, pp. 582-584.

-- -- Park, 1968, pp. 527-572.

-- --, *Heinrich*, 1971, *passim*

-- --, *Flemiger*, 1967, p. 2

--, Chiba, 1956, p. 11

--, Rose, 1956, p. 461

--, Brodsky, 1972, p. 256

--, Voronina, 1962, p. 68, 70, 79, fig. 4, 5, 6

--, Taw, 1974, pp. 270.

-- Corral Estrada, J., 1972, p. 7.

--, CHENG et al. 1965: 3.

(1) --, Chen 19--: 65

- , Furuhashi, 1961: 73, 108
- , Bjornberg, 1963: 100 (table)
- , TANAKA, 1964a: 252, 254-255 ♀♂
- Chen, 19--: 208
- Chen, Chen, Zhang, 19--: 76
- Ye & Chen, 19--: 16
- Marques, 1949: 22, fig 2a
- , MATSUO + MARUMO, 1982: 89, 91-94
- MAUCHLINE 1988: 715
- OTHMAN 1986: 199
- CHEN, Q-C 1986: 526-



Labidocera det runcata (Dana)

-- --, Grice, 1962. pp. ~~234~~ 239-240, pl. 34, fig. 8-10  
 Dana, 1849

-- --, Sherman, 1964. pp. 476-484

-- -- Flemingor, 1965, pp. 122-124.

-- --, Heinrich, 1960, p. 3

--, GREENWOOD, 1979: 95, 105

--, FLEMINGER, 1975: FIG. 5; TAB. 1

--, FLEMINGER & MOORE, 1977: 501

--, STEPANJANTS, 1977: 78, 79-80, 83, 84, 91, 93, 96; TAB. 1, 3, 6

--, ITOH, 1970: TAB. 1

-- Dakin & Colefax, 1940: 103, fig. 146a-g.

- Dakin & Coletax, 1933: 206
- Tanaka, 1965a: 33, fig 5a-c
- Binet & Dessier, 1968: 8, OFF MADAGASCAR
- Bjornberg, 1981: ~~Fig.~~ 660, Fig. 222<sup>#</sup> 15
- MADHUPRATAP & HARIDAS, 1986: 109, 112, 113 - INDIAN OC.
- (L. detruncatum) - Tafe & Griffiths, 1983: 112
- SUAREZ, F. & GASCA 1989a: 198; YUCATAN CHANNEL
- LAKKIS 1984: 289, E. MEDITERRANEAN; FIG. 3
- DETRUNCATUM, OKEMWA & REVIS 1986: 31, TAB. 1, KENYA
- FLEMINGER & KRAMER 1988: 537

Pontellidae - Calanoida.

Labidocera detrunca (Dana).

var. intermedia T. Scott, ♂, ♀.

— — T. Scott, 1894, p. 82: pl. 6, §. 36-38;  
pl. 7, §. 3-4.

--, (= L. JERII) VERVOORT, 1965: 189-190

Habitat. Gulf of Guinea.

*Labidocera diandra*, n. sp.

-- Fleminger, 1967, p. 16-36, fig. 6-10, passim

--, Lee, 1972, p. 6

--, GREENWOOD, 1978a: 539

--, FERRARI, 1978: 509

--, FLEMINGER & HOLSEMAN, 1974: 98

--, FLEMINGER, 1975: 401, 408; FIG. 5, 9, 10; TAB. 2, 5

-- DO ET AL. 1984: 27.

-- JIMENEZ-PEREZ & LARA-LARA 1988: 126-, GULF  
OF CALIFORNIA

Labidocera euchaeta Giesbrecht, ♀. ①

♀ 2.1 mm.

- — Giesbrecht, 1889, c, p. 27.
- — Giesbrecht, 1892, p. 446: pl. 23, 25, 41.
- — Giesb. & Schmeil, 1898, p. 135.
- — Sewell, 1912, p. 339: pl. 18, figs. 1-9.
- — Shen & Lee, 1963: 579-58.

Habitat. Amoy. Bay of Bengal.

- Chen, 1980: table 1
- Chen, et al. 1982: 260, passim

-- Stage 2, Sewell, 1912, p. 341: pl. 19, figs. 1-3

-- Stage 3, p. 342: pl. 19, figs. 4-7.

-- Stage 4, p. 343: pl. 19, figs. 8-9.

--- Sewell 1932, p. 359, forma major, p. 361, forma  
minor, p. 362

↳ diff. sp. - Sewell, 1933

-- --, MORI, 1937, P. 93, <sup>pl. 42, fig. 11-13</sup> YELLOW SEA, JAPAN.

-- --, Shen & Bai, 1956, pp. 189-191, <sup>pl. 5, fig. 32-35</sup> Off Chefoo, China, pp. 221

-- --: Sewell, 1933, p. 28. Malaya.

-- -- Fleming, 1965, p. 125.

-- --, Shen & Lee, 1963, p. 579

-- --, Taw, 1974, p. 270.

-- --, TANAKA, 1964: 252

-- --, CHENG et al. 1965: 1, 2.

Labidocera euchaeta Giesbrecht, 1889

card 2

-- Do et al., 1984: 26.

-- SHEN & LEE 1966: 214- CHINA

-- MADHUPRATAP & HARIDAS, 1986: 109

-- LI & FANG 1983c: 375-381, FIGS. 1-51, DEVELOPMENT

-- LI & FANG 1984: 394, 395

-- Sarkar, et.al., 1986: 178

-- CHEN, Q.-C. 1986: 526-, CHINA COAST

-- ONOE' ET AL. 1988: 87

-- HARDING 1955: 229

Labidocera euchaeta Giesbrecht, 1889

card 3

-- Ferrari 1991:117-



Pontellidae - Calanoida.

Labidocera exigua (Dana), ♀,  
♀ 0.85mm.

Pontella - Dana, 1849<sup>a</sup>, p. 30.

Pontellina - Dana, 1852, p. 1146.

Labidocera - Giesb. & Schmeil, 1898, p. 138

Habitat. Tropical Atlantic.

Labidocera farrani Greenwood & Othman

- Greenwood & Othman, 1979: 231-236, fig 1-2
- Greenwood, 1982b: table 3
- Kimmmerer, et al, 1985: table 4
- OTHMAN 1986: 199

Pontellidae — Calanoida

Labidocera fluriatilis Dahl, ♂-♀. ①

♀ 2.5 mm. ♂ 2.4 mm.

— — Dahl, 1894, p. 21: pl. 1, f. 19-22.

— — Giesb. & Schmeil, 1898, p. 137

--, Taw, 1974, p. 270.

--, Bjornberg, 1963: 9, 45, 59, 60, 94, 96, 98, 99, 100 (table),  
116, 121 (synonyms are:

L. brasiliense, Pontella resnautica, Pontellina

Habitat Mouth of Tocantins River, Brazil.

--, FLEMINGER, 1975: 408, 409, 411, 412; FIG. 5, (navalium)

8, 11, 12, 14; TAB. 2

--, MILSTEIN, 1979: 69

--, OWREY & FOYO, 1970: TAB. 6

--, CALEF & GRICE (UNPUBL.) IN KETCHUM & RYDER  
1966 (UNPUBL.): APPENDIX

--, Fonseca & Prado, 1979b, p. 12

—, Menegheti, 1970: 283

- Ramirez, 1969: 83-84, fig. 4, 6, 7

- Bjornberg, 1968: 94-105, pl. 22, fig. 1-8

pl. 23, fig. 1-11

pl. 24, fig. 1-21

pl. 25, fig. 1-14

pl. 26, fig. 1-23

Labidocera fluviatilis Dahl

card 2

- Koga 1984b: 150-151, 187
- Bjornberg, 1981: 659, fig. 222 #11
- LI & FANG 1983c: 379
- GIBSON & GRICE 1977: 7, 19
- MILSTEIN & JUANICO 1985: 159-162, MALDONADO BAY,  
URUGUAY
- MILSTEIN 1983: 353, MALDONADO BAY
- MONTU' 1980b: 57-, BRAZIL
- MONTU' & GROEDEN 1986: 95, FIG. 299-k, S. BRAZIL

Labidocera fluviatilis F. Dahl 1894

card 3

-- Campaner 1986: 262-, s. Brazil shelf

LABDOCERA FLUVIALIS, NEUMANN-LEITÃO ET AL. 1990: 85,  
OFF PERNAMBUCO, BRAZIL

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

-- FERRARI 1991: 117 -

-- RAMÍREZ 1966: 18, LÁM. VI FIGS. 1-7, MAR DEL  
PLATA, ARGENTINA

-- LANSAK TÔHA & LIMA 1993: 91, TAB. 1, S. PAULO, BRAZIL

PONTRILLA RESNAUTICA, OLIVEIRA 1945 (1946): 191, 192-195,  
FIGS. 3, 7-13, N. SA ♀ ONLY, RIO DE JANEIRO

Labidocera fluviatilis F. Dahl, 1894

card 4

-- Por et al. 1984: 218-, Sao Paulo, Brazil

- ALVAREZ-SILVA + GOMEZ-AGUIRRE 1994: 265

Pontellidae — Calanoida.

Labidocera frivola (Dana), ♀

♀ 2.12 mm.

Pontella f. — Dana, 1849<sup>a</sup>, p. 33.

Pontella hebes, var. f. — Dana, 1849<sup>a</sup>, p. 33.

Labidocera — Giesb. & Schmeil, 1898, p. 138.

Habitat, Indian Ocean.



Labidocera gallensis

-- Fleminger 1986: 91

Labidocera gangetica ♀ Sewell.

— Sewell, 1934, p. 79.

— Pillai, P.P. 1971, p. 165.

--, Bjornberg, 1963: 100 (table)

Habitat, Salt Lake, Calcutta.

-- MADHUPRATAP & HARIDAS, 1986: 109

Pontellidae--Calanoida

*Labidocera glauca* L.V. Smith

— — L.V. Smith 1941, pp. 305-319, pl. 1. ♀ ♂  
(♂ is probably a dimorphic stage, corresponding  
to stage I of *L. euchaeta*. Sewell 1912. M.S.W.)

Pontellidae — Calanoidea.

Labidocera hebes (Dana), ♀.

♀ 1.55 mm.

Pontella hebes Dana, 1849<sup>a</sup>, p. 32

Pontellina — Dana, 1852, p. 1160: pl. 81, f. 6. a-b.

Labidocera — Giesb. & Schmeil.

Habitat. Indian Ocean.

Pontellidae-Calanoida

*Labidocera insolita* Wilson

Wilson, C.B., 1950, pp. 245-246, Pl. 24, figs. 346-350.

-- --, Fleming, 1965, p. 127-8 (syn. of *L. aestiva*)

Labidocera jaafari Othman, 1986

-- Othman 1986: 193-200, figs. 1-3, n. sp. ♀♂, Malaysia

*Labidocera japonica* Mori - (1935)

-- -- , Anraku, 1954, pp. 1-8 N W Pacific

— — Mori, 1937, P. 94, JAPAN SEA.

— —, BRODSKY, 1950, P. 411, FIG. 292.

-- --, Honjo et al, 1957. pp. 120-128

-- --, Omori, 1965, pp. 18-27

--, Chiba, 1956, p. 41

--, Okada & Taniguchi, 1971, p. 338

--, Lubni-Gertsik, 1959, p. 71-

--, Hue, 1967, pp. 7, 18, 20.

--, Kos, 1977: 37, 50

--, Furuhashi, 1961: 108

--, Bjornberg, 1963: 100 (table)

--, TANAKA, 1964a: 252, 258-259, 261

--, GREENWOOD, 1978a: 538, 539

--, Chiba & Hirakawa 1972: Tab. 2.



Labidocera japonica Mori

card 2

- , Kos, 1969, p. 953
- , Fleminger, A., B.H.R. Othman, & J.G. Greenwood  
1982, pp. 261-262
- , MATSUO & MARUMO, 1982: 91, 93
- Tanaka, 1965a: 33, fig. 3a-c
- FLEMINGER 1986: 91-
- Ho & PERKINS 1985: 592-

Labidocera johnsoni Fleminger

-- -- Fleminger, 1964, card nos. 3a & 3b

-- --, " , 1967, p. 2

--, FLEMINGER, 1975: 399, 401, 409; FIG. 5, 7, 8, 12-14; TAB. 2, 5

Labidocera <sup>Montellidae - Calanoida,</sup> jollae Esterly, ♂.♀.

♀ 2.6 mm ♂ 2.4 mm.

— — Esterly, 1906, p. 74: pl. 9, fig. 22-23: pl. 12,  
fig. 50, 51, 53: pl. 14, fig. 89, 91.

--, FLEMINGER, 1975: 399, 401, 403, 405, 408; FIG. 5, 8-10;  
TAB. 1, 2, 4, 5

Habitat. Pacific near La Jolla.

*Labidocera jollae* Esterly

(2)

- Fleming, 1967, p. 6-12, fig. 1, 10, passim
- , Lee, 1972, p. 6.
- , Taw, 1972, p. 270-1.
- , HOPKINS, ET AL., 1978: 636
- KOGA 1984b: 103, 150-151
- Dawson & Knatz, 1980: 69, pl. 56, fig. a-k
- LI & FANG 1983c: 379
- GIBSON & GRICE 1977: 7, 18-19
- FLEMING & HULSEMAN 1987: 23-

Labidocera jollae Esterly

card 3

-- Jimenez Perez 1989:90-, Bahia de Todos Santos, Baja  
California

-- FERRARI 1991: 117-

*Labidocera kolpos* n. sp.

-- Fleming, 1967, p. 12-16, fig 3-5, 10, par. 1

--, Lee, 1972, p. 6

--, FLEMING, 1975: 399, 401, 408; Fig. 5, 7-10; TAB. 2, 5

Pontellidae - Calanoida,  
Labidocera krøyeri (Brady), ♀.

♀ 2.5 mm. ♂ 2.05 mm.

Pontella k - Brady, 1883, p. 93: pl. 39.

Labidocera k - Thompson & Scott, 1903, p. 252.

— — Giesbrecht, 1889, c. p. 26. pl. 2, figs. 8, 9

— — Giesbrecht, 1892, p. 446: pl. 23, 25, 41,

Habitat. Indian Ocean: Philippines:

Malta; Hongkong; British Seas.

— — Wolfenden 1906: 1016-1017, pl 98, fig 22, 23,

- Pontella k — Thompson, 1888. c, p, 143  
— — Thompson, 1889, b, p, 184.  
Labidocera — Giesb. & Schmeil, 1898. 135.  
— — Cleve, 1901, p, 7.  
— — A. Scott, 1909, p. 165.  
— — var. stylifera Sewell, 1912, p. 369.  
— — Sewell, 1914, p. 233.  
— — : Sewell, 1933, p. 28. Malaya.  
— — Sewell 1932, p. 362,  
— — Mori, 1937, P. 93. HONKONG CHINA.  
— — Fleming, 1965, p. 124.  
— —, Saraswathy, 1967, p. 83  
— —, TANAKA, 1964a : 252, 255-257 & b, FIG. 232



Labidocera kröyeri

card 2

- , Chiba, 1956, p. 40
- , Cleve, 1901. p. 7
- , Rose, 1955, p. 391, L. Kröyeri
- , Brodsky, 1972, p. 256
- , Voronina, 1962, p. 68
- , GREENWOOD, 1978a: 539, 540, 541, 542
- , GREENWOOD, 1979: 94, 99-101; FIG. 3; SYN: PONTELLA K.
- , Bjornberg, 1963: table 17
- , GOSWAMI & GOSWAMI, 1974: 109, 112; TAB. 1, 2.

Labidocera kroyeri (BRADY, 1883) card 3

L. Kroyeri, Rose, 1956, p. 461

-- Pillai, P.P. 1971, p. 165.

-- MATSUO & MARUMO, 1982: 91, 93

-- GOSWAMI 1983: 256-257, INDIA

-- Dakin & Coletax, 1933: 206

-- MADHU PRATAP & HARIDAS, 1986: 109, 112 - INDIAN OCEAN

-- MICHEL ET AL. 1986: 75, ARABIAN GULF

-- FLEMINGER 1986: 91-

-- KROYERI, MAUCHLINE 1988: 715

Labidocera kroyeri (Brady, 1883)

card 4

-- Michel & Herring 1984:328-, Arabian Gulf

- KROYERI, MARUKAWA 1908: 12-13, Pl. IV FIGS. 137-141,  
OFF JAPAN; Pl. V FIGS. 145-146

-- OKEMWA & REVIS 1986: 31, TAB. 1, KENYA

Pontellidae - Calanoidea

Labidocera kröyeri (Brady).

var. bidens Sewell.

— — Sewell, 1912, p. 369: pl. 24, fig. 8.

— — — Sewell 1932, p. 363, not since found

Habitat. Burmese Coast.

Pontellidae - ~~Carabidae~~  
Tabidocera kroeyeri (Brady)

var. burmanica Sewell.

— — Sewell, 1912, p. 369: pl. 23, figs. 4-5.

— — — Sewell 1932, p. 363, Indian O.

Habitat. Burmese Coast.

Pontellidae - Calanoida.

Labidocera kroeyeri (Brady).

var. gallensis Thompson & Scott, ♀, ♂.

— Thompson & Scott, 1903, p. 251: pl. 2. fig. 6-7.

— Sewell 1932, p. 363, Indian O.

— Pillai, P.P. 1971, p. 165, 169, 170 (fig. 3a).

Habitat, Indian Ocean.

Pontellidae - Calanoida.

Labidocera krøyeri (Brady).

var. stylifera Thompson & Scott, ♀, ♂.

— Thompson & Scott, 1903, p. 252: pl. 2. f. 8-9.

— Sewell 1932, p. 363, Indian O.

Habitat, Indian Ocean.

Pontellidae - Calanoida.

Labidocera laevidentata (Brady), ♂.

♂ 1.6 mm.

Pontella — Brady, 1883, p. 93: pl. 38, f. 1-6

Labidocera um Giesbrecht, 1892, p. 446.

— — a Giesb. & Schmeil, 1898, p. 137.

— — A. Scott, 1909, p. 166: pl. 51, f. 1-10.

— — Sewell 1932, p. 364, Indian O.

Habitat. Philippines.

— — Wolfenden, 1906: 1019-1020, pl. 98, fig.  
20, 26, 28, 38

— Mori, 1942: 554



- , Fruchtl, 1924, p. 55, Pontella l. is a syn.
- , Bjornberg, 1963: 100 (table)
- , TANAKA, 1964a: 252
- , GREENWOOD, 1978a: 542
- , GREENWOOD, 1979: 94, 95, 101; FIG. 4; SYN. PONTELLA
- , MATSUO + MARUMO, 1982: 91, 93
- Binet & Dessier, 1968: 14, OFF MADAGASCAR
- MADHUPRATAP + HARIDAS, 1986: 109
- Greenwood, 1982b: table 3
- Kimmer, et al, 1985: table 3, Australia

Pontellidae - Calappa  
Labidocera lubbockii Giesbrecht, ♀. ♂.

♀ 2.6 mm. ♂ 2.42 mm.

— — Giesbrecht, 1889, c. p. 26

— — Giesbrecht, 1892, p. 446: pl. 23, 25, 41

— — darwinii? Lubbock, 1853, p. 29 & 163: pl. 1 & 7.

Pontella d- Claus, 1893, p. 271.

27 4, 39  
fig. 3, 37, 39

Habitat. Southern Indian Ocean (Lubbock)  
Mouth of Guayaquil (Giesbrecht).

habidocera — ki Giesb. & Schmeil, 1898, p. 136.

A synonym of habidocera darwinii.  
(See Giesb. & Schmeil, 1898, p. 136).

-- -- Fleminger, 1965, p. 124

-- -- " " 1967, p. 2

-- -- Brodsky, 1972, p. 256

-- -- GREENWOOD, 1978a: 543

-- -- FLEMINGER, 1975: 409; TAB. 5, 8, 12-14; TAB. 2, 5

- sp. 2, ARCOS 1978: TAB. III.

Pontellidae - Calanoida

Labidocera madurae A. Scott, ♂♀. ①

♀ 2.5 mm. ♂ 1.9 mm.

— A. Scott, 1909, p. 169: pl. 50, f. 9-16.

— Sewell 1932, p. 363, fig. 120, Indian O.

--, Taw, 1974, p. 270.

--, TANAKA, 1964: 252

-- MADHUPRATAP & HARIDAS, 1986: 109, INDIAN OCEAN

Habitat. Malaysia.

-- OTHMAN 1986: 199

-- LAKKIS 1984: 289-

E. MEDITERRANEAN; FIG. 2

-- MADHUPRATAP ET AL. 1991a: 951-, LACCADIVES

LABIDOCERA MADURAE A. SCOTT, 1909

-- FLEMINGER + KRAMER 1988: 537

L. MADURA, HEUCH + KARLSEN 1997: 744

Labidocera (Iva) magna Lubbock, ♂

— — Lubbock, 1853, p. 208: pl. 10, figs. 8-11.

— — Lubbock, 1853, d, p. 116: pl. 7, fig. 2

Synonym of Pontella atlantica, Gies. & Sch. p. 141

Habitat. South Pacific.

--, (= PONTELLA ATLANTICA) VERVOORT, 1965: 175-176

Pontellidae - Calanoidea,

Labidocera media (Dana), ♀.

♀ 1.25 mm.

Pontella - Dana, 1849<sup>a</sup>, 29

Pontellina - Dana, 1852, p. 1141: pl. 80, f. 5, a-b.

Labidocera - Giesbrecht & Schmeil, 1898, p. 139.

Habitat. Sulu Sea

LABIDOCERA MIMICERA

-- MOORE & SANDER 1979: 200, JAMAICA; ? =  
PONTELLA MIMOCERAMI ?



Pontellidae - Calanoida.

Labidocera minuta Giesbrecht, ♀, ♂

♀ 2.05 mm. ♂ 1.65 mm.

- um Giesbrecht, 1889, c, p. 27: 1891, p. 28e.
- a Thompson & Scott, 1903, p. 251.
- um Giesbrecht, 1892, p. 446: pl. 23, 25, 41.
- a Giesbr. & Schmeil, 1898, p. 137.

Habitat. Indian Ocean: Hongkong: Red Sea.

- — um Cleve, 1901, p. 7. 408
- — a A. Scott, 1902, p. 407: 1909, p. 167.
- — Cleve, 1903, p. 363
- — Wolfenden, 1905, p. 1018: <sup>1019</sup>pl. 98, fig. 18, 24, 25,
- — Pesta, 1912, p. 53: text-fig. 14. 29, 32,
- — Sewell, 1912, p. 370: 1914, p. 234. 37
- — Sewell 1932, p. 364
- — " 1947, p. 249, s. Arabian coal.
- — <sup>um</sup> Decker, 1964. p. 22. South Africa
- — Fleminger, 1965, p. 125.
- —, Saraswathy, 1967, p. 82
- L. minutum, Cleve, 1901, p. 7; DeDecker, 1962, p. 108

Labidocera minuta GIESBRECHT, 1889 card 2

--, Rose, 1955, p. 391

--, Rose, 1956, p. 461

--, Voronina, 1962, p. 68, 70

--, Fruchtl, 1924, p. 56, fig. 37

--, Furuhashi, 1961: 108

--, Bjornberg, 1963: 100 (table), table 17

--, TANAKA, 1964: 250, 257-258 fig. 233

--, GREENWOOD, 1979: 94, 95, 101-103; FIG. 5

--, Sree Kumaran et al, 1981: passim.

- Chen, 1980: table 1

- Chen & Yin, 197- : 274

- Mori, 1942: 555
- , MATSUO + MARUMO, 1982: 89, 93, 94, 95
- UYE + KASAHARA 1978: 113
- GOSWAMI 1983: 252, INDIA
- Dakin & Colfax, 1940: 101, fig. 145a-e
- Binet & Dessier, 1968: 14, OFF MADAGASCAR
- (minutum) DeDecker, 1984: ~~255~~ 317
- MADHUPRATAP + HARIDAS, 1986: 109 - INDIAN OCEAN
- MICHEL ET AL. 1986: 75, ARABIAN GULF
- Kimmmerer, et al, 1985: -table 4 Australia
- Sarkar, et. al., 1986: 178

Labidocera minuta Giesbrecht, 1889

card 3

-- Mauchline 1988: 715

-- STEPHEN 1984: 166-, ARABIAN SEA

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

-- OKEMWA + REVIS 1986: 31, TAB. 1, KENYA COAST

Labidocera mirabilis Fleminger

①

1957-- Fleminger, A. pp. 27-30, figs. 25-37.

-- --, Woodmansee, 1958, p. 254. Biscayne Bay, Florida.

-- --, Grice, 1960, p. 220. West coast Florida.

-- --, Fleminger & Tan, 1966, pp. 291-301

-- --, FLEMINGER, 1975: 408, 412; Pls. 5, 10, 11; TAB. 2

-- --, FLEMINGER & MOORE, 1977: 501, 523, 527

-- --, Turner, 1981, p. 369, tbl. 2

-- -- SUAREZ, E. & GASCA 1990: 62; QUINTANA ROO, MEXICO

-- -- REID 1990 p. 189

Labidocera mirabilis Fleminger, 1957

card 2

-- Alvarez-Silva & Gomez-Aguirre 1994: 265

-- ALVAREZ CADENA ET AL. 1996: 700-702, TAB. 2,  
CARIBBEAN COAST, MEXICO

LABIDOCERA MORETONI GREENWOOD, 1978

- GREENWOOD, 1978<sup>2.</sup>: 535-539 ♀♂; FIGS. 1-2.
- , GREENWOOD, 1979: 94, 103
- , ~~GREENWOOD~~
- , Fleminger, A., D.H.P. Othman, & J.C. Greenwood  
1982. pp 256-259.
- , NISHIDA, 1984: 39
- Bayly, 1980: 7
- Greenwood, 1982b: table 3
- FLEMINGER 1986: 91-



Labidocera nerii (Krøyer). ♀  
Pontellidae - Calanoida

♀ 3 mm. ♂ 2.75 mm.

— — Giesbrecht, 1889, c. p. 26

— — Cleve, 1900, p. 143; 1901, p. 7.

— — Giesbrecht, 1892, p. 446; pl. 23, 25, 41.

Pontia — Krøyer, 1849, p. 579, 600, 608; pl. 6.

Habitat. Tropical Atlantic.

- Pontella* (*Pontellina*) *setosa* Hubbock, 1956, p. 24.  
*Labidocera* <sup>um.</sup> *Giesbrecht*, 1889, c. p. 26. Pl. 11  
*Pontella* (*Hemipontella*) *s* — Claus, 1893, p. 272.  
*Hemipontella* *rotundifrons* Claus, 1892, p. 860  
*Labidocera* *detruncatum*, var. *intermedia* T. Scott  
1893, p. 82: pl. 6-7.  
*L. neri* Giesb. & Schmeil, 1898, p. 138.  
— — Wolfenden, 1911, p. 361.  
— — Farran, 1929, p. 275.  
— — Cleve, 1900, p. 66.  
— — Wilson, 1932, p. 146 — fig. 99. 1942, p. 191, fig  
— —, Fleminger, 1957. Gulf of Mexico distribution.

Labidocera nerii (Krøyer)

(2)

-- --, A. G. Fish, 1962. pp. 18-19

-- --, Owre, 1962

-- --, Fleminger, 1965, p. 126.

-- -- Park, 1968, pp. 527-572.

-- Corral Estrada, J., 1972, p. 6, 7 (fig 5)

--, Cleve, 1901, p. 7

--, Voronina, 1962, p. 68, 69

--, Bowman, 1971, p. 6 -

--, VERVOORT, 1965: 189-190 SYNONYMS: PONTIA N.; PONTELLA N.;

PONTELLA (PONTELLINA) SETOSA; PONTELLA (HEMI-  
PONTELLA) SETOSA; HEMIPONTELLA ROTUNDIFRONS;

L. DETRUNCATA INTERMEDIA

- , TURNER, ET AL., 1979: 293; TAB. 2, 3
- , FLEMINGER, 1975: FIG. 5
- , FLEMINGER & MOORE, 1977: 520, 524, 526
- , OWRE & FOYO, 1964b: 367
- , OWRE & FOYO, 1972: TAB. 3
- , CALEF & GRICE (UNPUBL.) IN KETCHUM & RUTHER, 1966  
(UNPUBL.): APPENDIX
- , EVANS, 1961: 196; TAB. III

Labidocera nerii (KRØYER) 1849

card 3

- , Neto & Paiva, 1981, p. 46-47
- SANDER + MOORE 1978: 233
- YOUNG-BLUTH 1979: 22, CARIBBEAN
- Corral Estrada, 1972 b: 6-7, fig. 5
- Bjornberg, 1981: 660, fig. 222 #12
- SAZHINA 1975: 80
- ~~Wickstead~~, Wickstead, 1956: 16-17
- MAUCHLINE 1988: 715
- Soldevilla, et al 1988: 60 Canary Islands

Labidocera nerii (Krøyer, 1849)

card 4

- Suarez, E. et al. 1990:126-, w. Gulf of Mexico
- REID 1990 g: 189; DOMINICA
- SUÁREZ M., E. 1992: 150-, w. GULF OF MEXICO
- SUÁREZ + GASCA 1991: 596-, GULF OF MEXICO
- ALVAREZ-SILVA + GOMEZ-AGUIRRE 1994: 265

Pontellidae - Calanoida.

Thabidocera orsinii Giesbrecht, ♀.

♀ 2.2 mm.

— — Giesbrecht, 1889, c, p. 27.

— — Giesbrecht, 1892, p. 446: pl. 23, 25, 41.

— — Giesb. & Schmeil, 1898, p. 138.

— — LAKKIS 1984: 290-, E. MEDITERRANEAN; FIG. 5

— — FLEMINGER + KRAMER 1988: 537

Habitat. Red Sea.

Labidocera pacifica

--, Bjornberg, 1963: 100 (table)



LABIDOCERA PANAMAE FLEMINGER & MOORE,  
1977

-- FLEMINGER & MOORE, 1977: 522, 523, 527-528 ♀;

FIGS. 25-30

-- REID 1990 g: 189

Pontellidae- Calanoida

Labidocera papuensis Fleminger, Othman and Greenwood

Fleminger, A., B.H.R. Othman, & J.G. Greenwood,  
1982, pp 251-255.

-- FLEMINGER 1986: 91-

Pontellidae - Calanoida

Labidocera (Ivella) patagoniensis Hubbock, ♂♀.

— — Hubbock, 1853, p. 203: pl. 10, figs. 1-7

— — Hubbock, 1853, d, p. 116: pl. 7, fig. 1.

Habitat, Off Patagonia,

x

Pontellidae - Calanoida,

Labidocera pavo Giesbrecht, ♀, ♂

♀ 2.12 mm.

— — Giesbrecht, 1889, c, p. 27;

— — Thompson & Scott, 1903, p. 251

— — Giesbrecht, 1892, p. 446: pl. 23, 25, 41.

— — Giesbrecht & Schmeil, 1898, p. 138.

Habitat. Indian Ocean: Red Sea:  
Ceylon, Chilka Lake, Sea of Japan, Bikini.

- — Cleve, 1901, p. 7: 1903, p. 364.  
— — Sewell, 1914, p. 234. (♂): pl. 21. f. 1-3.  
— — Sewell, 1924, p. 789.  
— — Sewell 1932, p. 365, fig. 121-122, develop.  
stages.  
— —, Mori, 1937, p. 92, JAPAN STRAITS.  
— —, Brodsky, 1950, p. 408, fig. 290,  
— —, Chiba, Tsuruta, + Maeda, 1955. Bikini.  
— —, Gurney 1927, p. 154. Suez Canal.  
— —, Sherman, 1964. pp. 476-484  
— —, Saraswathy, 1967, p. 82  
— —, Chiba, 1956, p. 14, 43

Labidocera pavo Giesbr.

card 2

--, Cleve, 1901, p. 7

--, Rose, 1956, p. 461

--, Shen & Lee, 1963, p. 581

--, Pillai, P.P. 1972, p. 66.

-- Pillai, P.P. 1971, p. 165

--, Bjornberg, 1963: 100 (table)

--, TANAKA, 1964c: 252, 255 ♀ ♂

--, GOSWAMI + GOSWAMI, 1974: 109, 110; TAB. 1, 2

--, Kos, 1977: 37, 50

--, Kos, 1969, p. 953

--, Madhupratap et al, 1977: +pl. 3

- Mori, 1942: 559
- SHEN & LEE 1966: 214 - CHINA
- Tanaka, 1965a: 33, fig. 2a-c
- MADHUPRATAP & HARIDAS, 1986: 109 - INDIAN OCEAN
- OTHMAN 1986: 199
- MARUKAWA 1921: 8, JAPAN
- LAKKIS 1984: 290, E. MEDITERRANEAN; FIG. 4
- REID 1990g: 189
- FLEMINGER & KRAMER 1988: 537

Pontellidae - Calanoida.

Labidocera <sup>x</sup> pectinata Thompson & Scott, ♀, ①

♀ 2.1 mm.

— — Thompson & Scott, 1903, p. 252; pl. 2, figs. 10-14.

— — Sewell, 1912, p. 370; pl. 23, figs. 8-9.

— — Sewell, 1914, p. 236.

— *similis*, Cleve, 1903, pp. 364, 378; pl. 19, figs. 4-6.

— — Sewell 1932, p. 372, fig. 124, ♀♂, Indian O.

Habitat, Indian Ocean: Burma: Ceylon

— —: Sewell, 1933, p. 28. Malaya.

-- BAYLY, 1965: 328

-- Madhupratap ~~et al.~~, 1979: passim



- , Madhupratap et al, 1981: passim
- , Pillai, 1972, pp. 66-75. Fig. 1, 2(a-e), 3, 4, 5, 6.
- --, Wellershaus, 1969, p. 263, 247, S. INDIA
- --, Saraswathy, 1967, p. 81
- Pillai, P.P. 1971, p. 169, fig 3a, 170
- , TANAKA, 1964a: 252
- , GREENWOOD, 1978a: 538, 539
- , GREENWOOD, 1979: 103
- , GOSWAMI + GOSWAMI, 1974: 109, 112; TAB. 1, 2
- , Fleminger, A., B.H.R. Othman, & J.G. Greenwood (1982), pp. 262-264.
- , Ueda, et al., 1983, p. 167.
- Sree Kumaran et al, 1981: passim
- Madhupratap, 1980: passim.

LABIDOCERA PECTINATA THOMPSON & SCOTT

- , NISHIDA, 1984: 38, 39
- GOSWAMI 1983: 256-257, INDIA
- GAJBHIYE ET AL 1984: 77-79, INDIA
- MADHUPRATAP & HARIDAS, 1986: 109, 112, 113, 115 - INDIAN OCEAN
- RAO, T. & MADHUPRATAP 1986: 235
- FLEMINGER 1986: 91 -
- ONBÉ ET AL. 1988: 79, 88-89
- FERRARI 1991: 117 -

Labidocera pseudacuta Silas & Pillai

-- -- Silas & Pillai, 1967, pp. 346-364, figs. 1-8

--, GREENWOOD, 1979: 95

-- MADHUPRATAP & HARIDAS, 1986: 109, INDIAN OCEAN

Labidocera rotunda Mori ♂.

♂ 1.95 mm.

— — Mori, 1929, p. 209: pl. 10, figs. 1-8

— — MORI, 1937, p. 95,

--, TANAKA, 1964: 252

--, GREENWOOD, 1978a: 538, 539

--, NISHIDA, 1984: 39

Habitat, S.W. Japan Sea.

— — , Fleminger, A., B.H.R. Othman, & S.G. Greenwood, 1982  
pp. 264-266.

-- MADHUPRATAP & HARIDAS, 1986: 109 - INDIAN OCEAN

Labidocera rotunda Mori, 1929

card 2

-- Rao, T. & Madhupratap 1986: 235

-- FLEMINGER 1986: 91-

-- OHTSUKA ET AL. 1987: 554

-- ONBÉ ET AL. 1988: 79-91, FIGS. 1-6, DEVELOPMENT;  
INLAND SEA - JAPAN; = L. BIPINNATA TANAKA

-- UYE ET AL. 1987: 428-, INLAND SEA, JAPAN

-- UYE & MATSUDA 1988: 281-, " " "

-- FERRARI 1991: 117-

Pontellidae - Calanoida.

Labidocera scotti Giesbrecht, ♂. ♀.  
♀ 2.4 mm. ♂ 2.2 mm.

L. darwinii T. Scott, 1893, p. 83: pl. 6, f. 39-42:

— scotti Giesbrecht, 1897, p. 254 | pl. 7, f. 5-6

— — Giesb. & Schmeil, 1898, p. 136

— — Wolfenden, 1911, p. 361.

— — Fleming, 1957. Gulf of Mexico.

Habitat. Gulf of Guinea.

— — Woodmansee, 1958. Biscayne Bay, Florida.

— — Grice, 1960, p. 220. West coast Florida.

— — DAVIS 1950: Tab. V - p. 92.

-- --, Cervigon, 1962. p. 185

--, Coker & Gonzalez, 1960, p. 19

--, Bowman, 1971, p. 6 -

--, Bjornberg, 1971, p. 348

--, Bjornberg, 1963: 100 (table)

--, MOORE & SANDER, 1979: 200

--, VERVOORT, 1965: 190 SYNONYM: L. DARWINII

--, TURNER, ET AL., 1979: 293; TAB. 2,3

--, FLEMINGER, 1975: 411, 412; FIG. 5, 14; TAB. 2

--, BINET & DESSIER, 1971: 438, 456

--, BINET, ET AL., 1972: 133

Labidocera scotti

card 2

- , Turner, 1981, p. 369, tbl. 2
- YOUNG-BLUTH 1976: 489-491, PUERTO RICO
- YOUNG-BLUTH 1979: 22, CARIBBEAN
- YOUNG-BLUTH 1980: 265-287, PUERTO RICO
- REID 1990 g: 189; ANTIGUA, MARTINIQUE
- OHTSUKA 1992: 264
- SUÁREZ M., E. 1994c: 183-, TAB. 1, CHETUMAL BAY,  
QUINTANA ROO, MEXICO
- ALVAREZ-SILVA & GÓMEZ-AQUIRRE 1994: 265-269,  
TAMIAHUA LAGOON, VERACRUZ, MEXICO



CARD 3

LABIDOCERA SCOTTI GIESBRECHT

-- ALVAREZ C. ET AL. 1996: 700-702, TAB. 2,  
CARIBBEAN COAST, MEXICO

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

Leptellidae - Calanoida.

Leptocera setosum Giesbrecht, ♀.

— Giesbrecht, 1889, c. p. 26.

A synonym of Leptocera nerii.  
(Giesbrecht, 1892, p. 446).

Pontellidae - Calanoida.

Labidocera simplex (Dana), ♀.

♀ 1.25 mm.

Pontella - Dana, 1849<sup>a</sup>, p. 29.

Pontellina - Dana, 1852, p. 1145; pl. 80: f. 8, a-b.

Labidocera - Giesb. & Schmeil, 1898, p. 139.

Habitat. New Zealand.

Labidocera sinilobata Shen & Lee, 1963

n. sp., Shen & Lee, 1963, p. 580-1, 594, figs. 20-25

--, Taw, 1974, p. 270.

-- SHEN & LEE 1966: 214 - CHINA

- SINOLOBATA, OTHMAN 1986: 199-200, TABLE 1

-- CHEN, Q.-C. 1986: 524-

Labidocera spinicauda

--, Bjornberg, 1963: 100 (table)

Cabidocera stylifera

- Greenwood, 1982b: Table 3
- FLEMINGER 1986: 91

Labidocera tasmanica n. sp. Taw, 1974

--, Taw, 1974, pp. 262-271, figs. 1-79.

--, GREENWOOD, 1979: 95

-- OTHMAN 1986: 199

-- FERRARI 1991: 117-, DEVELOPMENT

Pontellidae-Calanoidea

Labidocera tenuicauda Wilson

Wilson, C.B., 1950, pp. 249-250, Pl. 25. figs. 365-369.

— —, Chiba, Tsuruta, + Maeda, 1955. Bikini.

-- --, Fleminger, 1965, 128p. (Syn. of L. triapinosa + L. detrancata)



Pontellidae - Calanoida.

Labidocera trispinosa Esterly, ♀, ♂.  
♀ 1.6mm ♂ 2.2mm.

— — Esterly, 1905, p. 200: Text-fig. 48, a-h.

— — Esterly, 1912, p. 307.

-- --, Heinrich, 1964

--, Fleminger, 1967, p. 29

--, FLEMINGER & HULSEMAN, 1974: 92, 93

Habitat. California Coast.

--, FLEMINGER, 1975: 401, 403, 409, 411, 415-416; FIG. 5, 6, 8, 12-

14; TAB. 2, 4, 5

- Dawson & Knatz, 1980: 70, pl. 57, fig. a-i

- , Cushing, 1951, p. 178
- , Taw, 1974, pp. 270-1.
- , LANDRY, 1978: 1104-1113; FIG. 1-8; TAB. 1
- , Blades & Youngbluth, 1980, p. 50
- UYE & KASAHARA 1978: 117
- KOGA 1984 b: 103, 188, FIG. 61-11, NAUPLIUS; 150, 151
- STEPANOV & SVETLICHNII 1976: 42
- LI & FANG 1983c: 379
- GIBSON & GRICE 1977: 7, 18-19
- Uye, 1985: 441, tbl. 1

Labidocera trispinosa Esterly, 1905

card 2

-- Dudley, P. 1986: 16-, fig. 4a

-- ONOÉ ET AL. 1988: 87

-- Gill, 1986: 456

-- UYE Y FLEMINGER 1976: 260

-- GREENE, C.H. 1988: 298-

-- JIMÉNEZ PÉREZ ET AL. 1988: 81-, BAHIA DE  
TODOS SANTOS, BAJA CALIFORNIA

-- JIMENEZ PEREZ 1989: 90-, BAHIA DE TODOS SANTOS

-- ALVARIÑO 1989: 69-, OFF S. CALIFORNIA

Labidocera trispinosa Esterly, 1905

card 3

-- Ohman 1988b:537-

-- FERRARI 1991:117 -

-- HADA & UYE 1991:155

*Labidocera wilsoni* n. sp.

-- Fleminger & Tan, 1966, pp. 292-301

--, FLEMINGER, 1975: 68; FIG. 5, 10, 11; TAB. 2

--, FLEMINGER & MOORE, 1977: 521, 522, 523, 527

Pontellidae - Calanoida

Lebidocera wollastoni (Lubbock), ♀, ♂.

♀♂ 2.2-2.3 mm.

Pontella - Lubbock, 1857, p. 406: pl. 10 & 11.

— — Brady, 1878, p. 73: pl. 10A.

— — Thompson, 1887, p. 65: Cleve, 1902, p. 20.

— — Canu, 1888, p. 100: pl. 8: 1893, p. 129.

— —, Mathias & Euzet, 1951, p. 185. Étang de Thau.

Habitat. English Seas: Helgoland: Gibraltar:

Wimereux.

-- -- Fleminger, 1965, p. 125.

-- -- Baker, 1964, p. 465

-- -- Wolfenden, 1906: 1017, pl. 98, fig. 17, 30-31, 35

- Pontella — Bourne, 1889, p. 149.  
Labidocera — Giesbrecht, 1889, c, p. 26  
— — Canu, 1890, p. 480: 1892, p. 175: text f. 13  
— — Giesbrecht, 1892, p. 445: pl. 4, 23, 25, 41.  
~~Pont~~ helgolandica Claus, 1863, p. 208: pl. 3, 36, 37.  
Labidocera wollastoni Aurivillius, 1898, p. 36.  
— — Giesb. & Schmeil, 1898, p. 135.  
— — Pesta, 1921, p. 541: text fig. F 60.  
— — Tümm, 1894, p. 371: 5 ars, 1925, p. 353.  
— — Wolfenden, 1911, p. 361.  
— — Thompson, 1893, p. 183: pl. 16. f. 5. a-d.  
→ — Rose, 1929, p. 45.  
— — Wilson 1942, p. 191, fig. 95

Labidocera wollastoni -2

--, Heinrich, 1974, p. 43

--, Shmeleva, 1963, p. 141

-- --, Hure & Scotto di Carlo, 1968, p. 61.

--, Pesta, 1928, p. 59-60, fig. 49

--, Vaissiere, 1961, p. 87-90, 81-2, 95-96,  
fig. 49

--, Vives, 1972, p. 224.

-- Hammond, 1973, p. 338

--, Bjornberg, 1963: 100 (table )

--, FLEMINGER & MOORE, 1977: 521

--, GAULD, 1966: 315



- , BREEMEN, 1906: 6, 8, 20
- , BEAUDOUIN, 1973: 125, 157
- , BRIAN 1927: 9, 10; TAB. IV.
- , Cannicci, 1959: *passim*
- , Heberer, 1937a: 89-92, fig. 4-6

LABIDOCERA WOLLASTONI

-- MATSUCO &amp; MARUMO, 1982: 91-2, 97

-- MASSUTI' &amp; NAVARRO 1950: 27.

-- WICKSTEAD 1962: 546

-- LI &amp; FANG 1983c: 379

-- HERDMAN ET AL. 1910: 249, ISLE OF MAN

-- HERDMAN &amp; SCOTT 1912: 145, ISLE OF MAN

-- VIVES, 1978: 266

-- ASSIS ET AL. 1984: 225-, PORTUGAL

LOBIDOCERA --, APSTEIN 1905, pl. XVIII, XXXVIII, L

Labidocera wollastoni Lubbock

card 4

- Rae & Fraser 1941: 197-, southern North Sea
- REGNER 1987: 374-, ADRIATIC
- KIORTSIS ET AL. 1969: 38-, AEGEAN
- BANSTEDT 1986: 11-
- MAYZAUD 1986a: 187-, FIG. 9.3 F
- BLADES- ECKELBARGER 1986: 32-, FIG. 10 F
- ONOÉ ET AL. 1988: 87
- RODRIGUEZ + VIVES 1984: 242-, MALAGA HARBOR
- PONTELLA HELGOLANDICA, KARAVAEV 1894: 49
- MARUKAWA 1921: 8-, JAPAN

Labidocera wollastoni Lubbock

card 5

- Lindley 1986: 399-400, English Channel, North Sea
- LINDLEY 1990: 289-, ENGLISH CHANNEL, NORTH SEA
- LINDLEY & HUNT 1989: 407-413, NORTH SEA
- BURRILL & ZWERNER 1972: 139, CHESAPEAKE BAY
- FERRARI 1991: 117-
- REID 1990g: 190
- LABIDOCERA -, ANDRONOV & MAIGRET 1980: 71
- ROSE 1927: 147, 156, 157, ALGERIA
- ROSE 1934: 74, ALGERIA

Pontellidae Calanoida

Labidocera sp. Pesta ♀.

— — Pesta, 1911, p. 53: fig. 15, text.

Habitat. Gulf of Persia.

Labidocera sp.

- - Chiba, Tsuruta, & Maeda, 1955, Bikini.

-- --, Cervigon, 1962. p. 185

--, TURNER, ET AL., 1979: 294

--, GREENWOOD, 1979: 94, 103-105; Pl. 6

--, DEEVEY, 1971: TAB. 3

-- HIROMI & TAKANO 1983: 171, 173

-- YOUNG-BLUTH 1979: 22, CARIBBEAN

Labidocera sp.

- spp., DAVIS 1950: Tab. V-p. 93.
- YOUNGBLUTH 1982: 120, BAHAMAS
- YOUNGBLUTH 1976: 490, PUERTO RICO
- spp., MICHEL ET AL. 1986: 35, ARABIAN GULF
- spp. 1-3, FLEMINGER 1986: 91-
- SUAREZ, F. + GASCA 1990: 62, QUINTANA ROO, MEXICO
- SUAREZ MORALES, F. 1994c: 183, TAB. 1, CHETUMAL BAY, QUINTANA ROO, MEXICO

Labidocera species

- , Davies & Jensen, 1974, p. 18
- , Pillai, P.P. 1972, p.66.
- , BAYLY, 1965: 328, 339, 340; FIG. 9
- SP., LE BORGNE 1986: 142 -
- SP., CUMMINGS 1982: 34, GULF OF MEXICO
- SP., CARMAN 1994: 256, GULF OF MEXICO
- SP., CARMAN & DOBBS 1997: 117, 118, 124, 131, COAST OF LOUISIANA, USA
- SP., FLEMINGER & KRAMER 1988: 536, TAB. 1, CALIFORNIA, USA



Labidocera sp. (nov.?)

— sp. (nov.?), Dakin & Colefax 1940, p. 103, ♀ ♂  
figs. 147 a-e Australia

- sp. (nov.?) Voronina, 1962, p. 68, 70, fig. 2

Labidocera sp. ♂

Farran

— sp. ♂, 6 sp. Farran 1936, p. 116, fig. 20. may be  
♂ of already described ♀