

PSEUDODIAPATOMIDAE

- STELLA 1982:24, DIAGNOSIS

SUPERFAM. CENTROPAGOIDEA — GALANOIDA

PSEUDODIAPATOMIDAE G.O. SARS, 1902

- GRINDLEY 1984: 217-228, ZOOGEOGRAPHY
- STELLA 1984: 27-28, DIAGNOSIS, LIST OF GENERA
- MAUCHLINE 1988: 712 -
- DUSSART 1989: 5, 6-7, KEY TO AFRICAN SPECIES
- RAYNER 1992: 303, IN KEY
- BORUTZKY ET AL. 1991: 56-57, DIAGNOSIS, KEY TO GENERA

in] ~~Diaptomidae~~ — Calanoida.

Pseudodiaptomus.

Herrick, 1884.

P. pelagicus.

Pseudodiaptomus Herrick, 1884, p. 180.

" " " " " Giesb. & Schm., 1898, p. 63.

" " " " " Schmeil, 1898, p. 179.

Schmackeria Poppe & Richard, 1890, p. 396.

Heterocalanus T. Scott, 1894, p. 40.

Weismannella Dahl, 1894<sup>a</sup>, p. 20

Pseudodiaptomus Giesb. & Schmeil, 1898, p. 63.

Pseudodiaptomus Marsh, 1925, Art. 8, p. 2

Pseudodiaptomidae  
Pseudodiaptomus

2

## Key to Species

Wright, 1937

Marsh, 1933

Brehm, 1934

Pillai, 1980 J. Mar. Biol. Assoc. India 18 (2): 242-265

Rylov, 1930: 73-77



Pseudodiaptomus

3

Sewell 1922; p. 784

1932, p. 233

Bjorberg, 1963: 116

-, PILLAI 1980: 242-244, Key to species. - 246.

-, REID + ESTEVES, 1984: 322

- GRINDLEY 1984: 217-227, ZOOGEOGRAPHY

- Grigg, 1972: 72-76

- BORUTZKY, 1960: 14, KEY TO SPA - 22-23

- MADHU PRATAP + HARIDAS, 1986: 114

- STELLA 1984: 21-22, 28

Pseudodiaptomus Herrick, 1884

card 4

-- Mauchline 1988: 712, pore signature-- Fig. 9c

- BJÖRNBERG, T. 1986: 53 - , FIG. 3D-F, 6C, 9C, 8

- S. STR./S. L., UMMERKUTTY 1966d: 304

- DUSSART 1989: 6-7, DIAGNOSIS, KEY TO AFRICAN SPECIES

- LABBÉ' 1927c: 438, CF. SIATELLA N.G.

Centropagidae - Calanoida -

Schmackeria = synonym,  
Toppe & Richard, 1890.

Syn. Schmackeria P. & R., 1890, p. 396.  
Schmackeria Giesbrecht, 1896, p. 322.  
(A synonym of Pseudodiaptomus)  
Giesb. & Schmeil, 1898, p. 63.

SCHMACKERIA

CARD 2

- Synonym of Pseudodiaptomus

- PILLAI 1980: 243-244.

- GRINDLEY 1984: 717

- Walter, 1986: 1-2

- Walter, 1986a: 129

- Walter, 1984:

- CLAUS 1893e: 331

SMACKERIA, STELLA 1984: 28

PSEUDODIAPATOMUS

- UMMERKUTTY 1966d: 304, RETAIN AS SURGENUS OF<sup>y</sup>

Schmackeria Poppe et Richard, 1890

card 3

- Borutzky et al. 1991: 57, 61, diagnosis

PSEUDODIAPTOMUS SUBGEN. PSEUDODIAPTALLOUS <sup>JOHNSON</sup>

- GRINDLEY 1984: 217, 226
- PSEUDODIAPTALLUS, UMMEKUTTY 1966d: 304, RETAIN  
AS SUBGENUS OF PSEUDODIAPTOMUS S. L.

PSEUDODIAPTOMUS FORBESI - SUBGROUP WALTER, 1986

--- WALTER 1994: 123 -

PSEUDODIAPTOMUS LOBUS - SPECIES GROUP

--- WALTER 1994: 123 -



Diaptomidae - Calanoida

Pseudodiaptomus acutus (Dahl), ♂♀.

①

Weismanella — a, Dahl, 1894, p. 10: pl. 1, figs. 9-11.

Pseudodiaptomus — s, Giesbrecht & Schmeil, 1898, p. 64.

— — Marsh, 1933, p. 30: pl. 15: figs. 1, 2, 4. (from Dahl)

— — Wright, 1936, p. 10: pl. 2, figs. 5-6: pl. 3, figs. 8, Rio Capibaribe 207 50

— — Wright 1937, p. 155-161, pl. 1-2.

Habitat, Mouth of Amazon, brackish water.

— —, Carvalho, 1945, p. 95-96, pl. 8, fig. 7. Guaratuba Bay, Brazil.

— —, Carvalho, 1952, p. 146. Pl. 1, figs. 20-24. Santos Bay, Brazil.

— Lappeler, 1963, p. 209



Centropagidae - Calanoidea

Schmackeria acuta (Dahl)

— — Dahl,

— — Poppe & Mrázek, 1895, p. 127

= Pseudodigitomus

Habitat. South America, mouth of Tocantins.

Pseudodiaptomus acutus (Dahl, 1894)

card 3

-- Bowman 1978b: 249-252, Fig. 1, Jamaica, range ext.

-- POR ET AL. 1984: 218-, SÃO PAULO, BRAZIL

-- FLEMINGER + KRAMER 1988: 538

PSEUDODIAPATOMUS ACUTUS (DAHL)

CARD 2

- > NISHIDA, 1984:39
- DUSSART 1984:63
- GRINDLEY 1984:226
- RANGA REDDY + RADHAKRISHNA 1982:260 - AL ACUTA
- YOUNGBLUTH 1979: 22, 23 - CARIBBEAN
- KOGA 1984b: 146, 186, 187
- Jacoby & Youngbluth, 1983: 77-86, fig 1A, fig 2A,
- Walter, 1986: table 1
- Bjornberg, 1981: 646, fig. 216 #4.

PSEUDODIAPTOMUS ACUTUS (DAHL)

CARD 3

- HIRAKAWA 1986: 298
- MONTÚ 1980b: 57-, LAGOA DOS PATOS, BRAZIL
- MONTÚ & GLOEDEN 1986: 79-, FIG. 24, "
- CAMPANER 1986: 259-, S. BRAZIL SHELF
- BJÖRNBERG, T. 1986: 54-, FIGS. 3d-f
- BJÖRNBERG, T. 1986b: 233-, FIG. 5
- Walter, 1989: 615-618, fig. 14A-H, 15A-B.
- SANTANA-BARRETO ET AL. 1990: 90, PERNAMBUCO, BRAZIL
- REID 1990g: 190

Pseudodiaptomus acutus leptopus

- Loeffler, 1963, p. 208, 209 (fig 9a.)
- , Fonseca & Prado, 1979b, p. 12
- DUSSART 1984:63
- Walter, 1986: table 1
- Walter, 1989: 612 [= P. wrighti]

Syn. P. wrighti

- FLEMINGER & KRAMER 1988: 535

*Pseudodiaptomus americanus* Wright

--- Wright 1937, p. 157, Pl. I, f. 2, ♂, Gulf of Mexico, near mouth Miss. R. ♀ unknown, 1♂ only.

--, Schmitt, 1954, p. 440.

--, JOHNSON, 1948: 319

- Walter, 1986: table 1

- Walter, 1989: 596, Fig 3 A-K

syn. [= *P. pelagicus*]



Pseudodiaptomus andamanensis Pillai, 1980

--, PILLAI 1980: 256-260, 246-Key to species;

Figs. 3a-p, 4.

— Walter, 1986: Table 1

-- MADHUPRATAP & HARIDAS, 1986: III, INDIA

Centropagidae - Calanoida

Pseudodiaptomus annandalei Sewell, ♀

①

- — Sewell, 1918, p. 5: <sup>1919</sup> pl. 10, fig. 9.  
— — S. Wright, 1928, b., p. 588. name only  
— — Sewell, 1924, p. 787: pl. 44, fig. 2, a-c.  
— — Sewell 1932, p. 240

Schmackeria — Brehm, V, 1953, p. 306, fig. 68-71.  
— Marsh, 1933, p. 42-43, pl. 20, fig. 8, pl. 21, fig. 1.

Habitat. Chilka Lake, India.

- Pillai, P.P. 1971, p. 164, 169, 171 (fig 3a)  
— — Wellershaus, 1969 pp. 263- fig. 25-26  
— — Madhupratap et al, 1979: passim.  
— — Madhupratap & Rao, 1979: 10

- , Fruchtl, 1924, p. 48
- , Pillai, 1970, p. 78 (Syn. P. dubius Kiefer; syn. P. nostradamus Brehm).
- Brehm, 1933: 137-42, figs. 8-12 (syn. P. nostradamus)
- , Bjornberg, 1963: 100 (table)
- , BREHM 1934: ~~84-93~~; Figs. ~~3+4~~; Key to species. (Syn. P. nostradamus)
- , PILLAI 1980: 248-<sup>50</sup> Key to species, 248-250; Figs. 1 g<sup>h</sup>.
- , Madhupratap, et al 1975: passim.
- , Madhupratap ~~et al~~, 1979: passim
- , Madhupratap, 1980: passim.
- , Madhupratap & Haridas, 1975: passim
- Chen, 1980: table 1
- Kasturirangan, 1963: 39, fig. 35a-d.
- for 1938: 81-91, fig. 9-17 (syn. P. nostradamus)

Centropagidae - Calanoida

Schmackeria annandalei (Sewell), ♂ ♀.

Pseudodiaptomus — Sewell, 1919, p. 5: pl. 10, fig. 9.

— — Sewell, 1924, p. 787: pl. 44, fig. 2.

Schmackeria — Marsh, 1933, p. 42: pl. 20, f. 8: pl. 21, f. 1.

— —, Saraswathy, 1967, p. 79

— —, SHEW & TAI, 1964a: 229

Habitat, Chilka Lake, India.

— — KRISHNASWAMY 1957d: 21, MADRAS, INDIA

Pseudodiaptomus annandalei Sewell, 1919

card 2

-- Grindley, 1984: 226

Ranga Reddy & Radhakrishna 1982: 255, 261, 268-270,  
plate VI, figs 1-12 ♀♂

-- RANGA REDDY 1980: 165

-- GOSWAMI 1983: 254-257, INDIA

-- Grigg, 1972: 84-86, fig. 34a-b, 36a-e

-- Walter, 1986a: 159-162, fig. 14A-I

-- Walter, 1986: table 1

-- Shen & Tai, 1964a: 229

-- Shen, 1979: 77-78, fig. 34a-e (syn Sch. dubia)

Chen & Zhang, 1965: 23, pl. 32, fig. 1-6  
(syn. Sch. dubia)

PSEUDODIAPTONUS ANNANDALEI SEWELL

CARD 3

- , MADHUPRATAP & HARIDAS, 1986: 111, INDIA
  - Sarkar, et al, 1986: 177, 178
  - MAUCHLINE 1988: 712
  - MERRYAL JAMES & MARTIN THOMPSON 1986:  
1275-1279, COCHIN
  - Walter, 1987: 389-391, fig. 13a-h.
  - Bayly, 1975: table 1
  - Kiefer, 1936: 231-5, fig. 9-12
  - Kiefer, 1938: 86-91, fig. 18-24
  - Marsh, 1933: 42-43, pl. 20, fig. 8, pl. 21, fig. 1
- } (syn. P. dubius)  
Schmäckleria annandalei

PSEUDODIAPTOMUS ANNANDALEI SEWELL

CARD 4

-- WALTER 1994:123 --

-- ROY 1977:100,103



Pseudodiaptomus ardjuna Brehm 1953

CARD 1

- , Ummerkutty, 1960, pp. 179-185, fig. 1
- , Brehm, V., 1953, pp. 313, fig. 79-82.
- Not--, Wellershaus, 1969, pp. 259-262, fig. 24 (P. jonesi Pillai, 1970)
- , Alvarez, V. & Kewalramani, G., 1970, pp. 269-276, figs. 1-5. Larvae
- , Pillai, 1970, pp. 78- , fig. 1.
- , Bayly, 1966, p. 52
- Pillai, P.P. 1971, p. 164, 171.
- GRINDLEY: BRICE, 1968, p. 131
- Uye, Onbē, 1975, p. 1-12,
- , PILLAI 1980: 246- Key to species, 260-261; Figs. 20-2, 4.
- Desai, H.V. & D.V. Bal 1961 p. 812-15 C.L.V.

Pseudodiaptomus ardjuna Brehm, 1953

card 2

--Grindley 1984: 226

--Ranga Reddy & Radhakrishna 1982: 255, 262

--GOSWAMI 1983: 254-257, INDIA

--KOGA 1984b: 146, 186, 187

--Walter, 1986: table 1

--BHATTACHARYA, 1982: 658-662, BOMBAY

--MADHUPRATAP & HARIDAS, 1986: III, INDIA

--UMMERKUTTY 1966d: 304

--WALTER 1984: 123-

PSEUDODIAPTOMUS ARDJUNA BREHN, 1953

3

-- ROY 1977: 100, 103

Centropagidae - Calanoida.

Pseudodiaptomus aurivillii Cleve, ♀.♂.

- — — Cleve, 1901, p. ~~8~~<sup>50</sup>, 48: pl. 6, f. 11-22: pl. 7, f. 1-2.
- — — Thompson & Scott, 1903, p. 248: pl. 2, f. 24-26.
- — — A. Scott, 1909, p. 116.
- — — Sewell, 1912, p. ~~363~~<sup>363</sup>: 1914, p. 22~~4~~-226.
- — — Pillai, P. P., 1971, p. 164, 171.

Habitat. Indian Ocean: Malay Archip.  
Gulf of Mannar.

- [non].
- , BAYLY, 1965: 325, 327
- . Tanaka, 1963<sup>1/2</sup>.

--- "Marsh, 1933, p. 30<sup>31</sup>: pl. 15, figs. 3, 5-7.

--- [?] Sewell 1932, p. 240, fig. 85b.

--- : Sewell, 1933, p. 27. Malaya.

--- -- Ummerkutty, 1967, pp. 332-343.

--- -- Uye, Onte, 1975, p. 1-12

"[non] Wellershaus, 1969, pp. 254-256 figs. 21-22

--- , Alvarez, V. & Kewalramani, G., 1970, pp. 269, 274, 276.

---, Fruchtl, 1924, p. 50-52

---, Pillai, 1970, p. 78

[non] --, Bayly, 1966, p. 54-<sup>fig. 3</sup>1 (~~syn. P. Mertoni (Fruchtl.)~~)  
/ ~~syn. P. aurivillii Cleve~~

--- [?] Bjornberg, 1963: 100 (table)

[non] GREENWOOD. 1977: 50, 64-65

Pseudodiaptomus aurivillii

- BREHM 1934: 93 - Key to species
- [non] PILLAI 1980: 246 - Key to species, 248; Figs. 1a, b
- Madhupratap et al, 1975: passim
- Walter, 1984: 372 - 374, figs. 1-2
- [?] Krishnaswamy, 1953: 118, 122-123, fig 4.
- [non] Sewell, 1932: 240-241, fig 85a.
- [non] Kasturirangan, 1963: 36, figs. 31a-d, 32a-c.
- [non] Ummerkutty, 1964: 48-52, pl. 2, figs. 23-24

Pseudodiaptomus aurivillii Cleve

card 3

--Ranga Reddy & Radhakrishna 1982: 255, 260 (as P. aurivillii)

-AURIVILLI, KOGA 1984b: 104, 146, 186, 187

-AURIVILLI, GOSWAMI 1983: 254-257, INDIA

-Grigg, 1972: 80-81, fig. 31a-b, 32a-e  
(syn. = P. baylyi)

-Walter, 1986: table 1

--MADHUPRATAP & HARIDAS, 1986: III, INDIA - AURIVILLI

-Greenwood, 1982b: table 3

-Sar Kar, et. al., 1986: 172

Pseudodiaptomus aurivillii Cleve

card 4

-- Izawa 1987: 174-

-- MAUCHLINE 1988: 712

- AURIVILLI, LI & HUANG 1984: 388

-- GUNER KUTTY 1966d: 303, ? SYN. MERTONI; SE INDIA

- AURIVILLI, WALTER 1994: 123 -

-- Roy 1977: 100, 103



Pseudodiaptomus australiensis Walter

Walter, 1987: 379-381, fig. 8a-h.

Syn( P. marinus ) - Grigg, 1972: 77-8, fig. 27a-b  
- Greenwood, 1977: 65-66, fig. 28a-f.  
- Greenwood, 1977: 65-66, fig. 5e-g.

-- FLEMINGER + KRAMER 1988: 535-540,  
FIG. 4a-i

Pseudodiaptomus batillipes Brehm

— — Brehm, 1954 (S.B. öst. Akad. Wiss. Math. nat. Kl.  
Abt. 1, vol. 163, pp. 604-607). Madagaskar.

--, Pillai, 1970, p. 78.

-- GRINDLEY 1984: 226

-- RANGA REDDY + RADHA KRISHNA 1982: 255

— Dussart, 1982: 24-25, pl. 1 B

— Walter, 1986: table 1

-- Roy 1977: 100, 103

Pseudodiaptomus baylyi Walter

— Walter, 1984: 387-389, fig. 8A-J.

— [syn. P. cf. aurivilli] Bayly, 1966: 54, 55,  
figs. 2d-f, 3c, d.

[syn. P. aurivilli] Greenwood, 1977: 64-65

[syn. P. sp. 2] Bayly 1965: 325, 327

— Walter, 1986: table 1

— Kimmerer, et al, 1985: table 3

— Walter, 1987: 370-372, fig. 3A-I.

Pseudodiaptomus beieri Brehm n.sp

----- Brehm 1951, p. ~~79-80~~ : 97-99, fig. 1-7

--, Brehm, 1954, p. 275

-- GRINDLEY-GRICE, 1968, p. 131.

— Walter, 1986a : 156 (syn. P. daughlishi)

— Walter, 1986 : table 1. (syn. P. daughlishi)

-- LAI 1986: 40-42, Figs. 1-9, INDONESIA

- BERERI, LAI 1986b: 633, INDONESIA

Centropagidae - Calanoida.

Pseudodiaptomus binghami Sewell, ♀. ①

— — Sewell, 1912, p. 337: pl. 17, figs. 8-11. ♀ <sup>Rangoon.</sup>

— — S. Wright, 1928, b., p. 588. name only.

— — Sewell, 1924, p. 786: pl. 45, fig. 2. ♂  
Sewell 1932, p. 240 <sup>Chilka.</sup>

— — SEWELL, 1918, p.p. 7-9.

Habitat. Rangoon & Chilka, India.

Bay of Bengal.

Schmackeria —, Marsh, 1933, pp. 43-44, pl. 21, fig. 2-3

— — Pillai, 1971, p. 164-171.

- --, Wellershaus, 1969, pp. 262-263 figs. 27-20
- , Frucht1, 1924, p. 48
- , Pillai, 1970, p. 78.
- , Bjornberg, 1963: 100 (table)
- , BREHM 1934: 93 - Key to species.
- , PILLAI 1980: 246 - Key to species, 251; Figs. d, e, f.
- RANGA REDDY + RADHAKRISHNA, 1982: 255-262, 270,  
FIGS. PLATES I, II.
- GOSWAMI 1983: 254-257, INDIA
- Walter, 1986: table 1

Centropagidae - Calanoida

Schmackeria binghami (Sewell) ♂ ♀

Pseudodiaptomus - Sewell, 1912, p. 337: pl. 17, figs. 8-11.

— — Sewell, 1919, p. 7: 1924, p. 786: pl. 45, fig. 2.

Schmackeria - Marsh, 1933, p. 43: pl. 21, figs. 2-3.

--, SHEN & TAI, 1964: 229, 230, 242; TAB. 3

--, ACADEMIA SINICA, 1979: 75

Habitat. India.

PSEUDODIAPATOMUS BINGHAMI SEWELL CARD 2

--, MADHUPRATAP & HARIDAS, 1986: 111, INDIA

— Sarkar, et. al., 1986: 178

-- RANGA REDDY 1987: 119, RIVER KRISHNA, INDIA

-- FERRARI & HAYEK 1990: TAB. 1

-- RADHAKRISHNA & RANGA REDDY 1976a: 67, INDIA

(CORRECTED FROM P. LOBIPES BY JUNIOR AUTHOR, 1991)

-- WALTER 1994: 123 -, FIGS. 2A-I, REDESCRIPTION,  
INDIA (ORISSA, CHILKA LAKE; ANDHRA PRADESH)

-- RANGA REDDY 1994: 42, RIVER KRISHNA AT VIJAYAWADA,  
INDIA



PSEUDODIAPTOMUS BINGHAMI SEWELL

3

-- ROY 1977: 100, 103

SEE 1. MATHEMATICS

Pseudodiaptomus bispinosus Walter

- Walter, 1984: 384-387, fig 7 A-I.
- Walter, 1986: table 1

Pseudodiaptomus bowmani Walter

— Walter, 1984: 378—380, fig. 4.

— Walter, 1986: table 1

-- MADHUPRATAP & HARIDAS, 1986: III, INDIA

— WALTER 1994: 123 —

Pseudodiaptomus brehmi Kiefer, 1938

<sup>Tierchen</sup>  
Int. Revue <sup>der Gesamten</sup> Hydrobiologie, 38: 76  
Leipzig

75-98

"Bemerkungen zur Pseudodiaptomidfauna der  
Wallace-Expedition."

— Walter, 1986: table 1

6/30  
7/12

PSEUDODIATOMUS BULBOSUS (SHEN + TAI, 1964)

SCHMACKERIA BULBOSA, SHEN + TAI 1964: 225, 227-  
229, 241-242, FIGS. 8-11, TAB. 2.

J. - A, ACADEMIA SINICA 1979: 67, 75-76, FIG. 32

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

P. - US, WALTER 1986: TABLE 1

P. - US, OHTSUKA, UEDA + LIAN 1995: 156, 159, TAB. 1

Pseudodiaptomus burckhardti Sewell

①

Sewell 1932, p. 235, fig. 83, ♀, Nicobar Ids.  
Related to *aurivillii* & *mertoni*

--, Pillai, 1970, p. 78/

--, BRENN 1934: 93; Key to species.

--, PILLAI 1980: 253-256, 246 - Key to species; Figs.  
2 w-h1.

-- GRINDLEY 1984: 220

-- RANGA REDDY + RADHAKRISHNA 1982: 255

-- Walter, 1986a: 151-153, fig. 10A-H

-- Walter, 1986: table 1

--, MADHUPRATAP & HARIDAS, 1986: 111, INDIA

-- ROY 1977: 100, 103



Pseudodiaptomus caritus Walter

- Walter, 1986a : 147-149, fig. 8A-I
- Walter, 1986 : table 1, (P. sp. 3~~5~~)

PSEUDODIAPTOMUS CHARTERI - SFF

P. STUHLMANNI

Centropagidae - Calanoida

Pseudodiaptomus clevei A. Scott, ♂, ♀. ①

— A. Scott, 1909, p. 116: pl. 37, figs. 1-8.

— Marsh, 1933, p. 31; pl. 6, figs. 1-2.

— Sewell 1932, p. 235, Indian O.

-- Früchtl, 1924, p. 48-9, figs. 29-30

— Mori, 1942: 553

Habitat, S. coast Kangeang.

-- GRINDLEY 1984: 220

— Ampinai

— Walter, 1986a: 139-140 E 11111

--, Pillai, 1970, p. 78.

--, TANAKA, 1963: 12

--, PILLAI 1980: 246 - Key to species, 256; Figs. 10-s.

-- RANGA REDDY + RADHAKRISHNA 1982: 255

-- Walter, 1986: table 1

-- MADHUPRATAP + HARIDAS, 1986: III, INDIA

-- Walter, 1987: 391-92, Fig 14a-g.

-- WALTER 1994: 123 -

-- ROY 1977: 100, 103

Pseudodiaptomus cokeri González & Bowman 1965

-- -- Gonzalez & Bowman, 1965. pp. 250-253, fig. 6-9

-- --, Bacon, P.R., 1971, p. 85

--, Bjornberg, 1971, p. 348

-- YEATMAN 1976: 217, fig. 79-80

-- YOUNG BLUTH 1976: 489-491, PUERTO RICO

-- YOUNG BLUTH 1979: 22, CARIBBEAN

-- YOUNG BLUTH 1980: 265-287, PUERTO RICO

-- Jacoby & Young bluth, 1983: 77-86, fig. 2 B-C  
fig 1A

-- Walter, 1986: table 1

-- DUSSART & FERNANDO 1986a: 41

- Walter, 1989: 596-599, fig 4A-D

-- REID 1990g: 190

-- BOWMAN 1978b: 249, RANGE; PANAMA CANAL ZONE -  
ATLANTIC COAST

Pseudodiaptomus colefaxi n. sp. Bayly, 1966

--, Bayly, 1966, pp. 49-54, figs. 1, 2, 3

Syn (Pseudodiaptomus hickmani) Sewell (Sydney variety),  
Dakin & Colefax, 1940, p. 89, figs. 107a-f.

Pseudodiaptomus sp. 1, Bayly, 1965

-- GRINDLEY & GRICE, 1968, p. 131

--, GREENWOOD, 1977: 50, 65; 540: P. HICKMANI

-- RANGA REDDY & RADHAKRISHNA 1982: 264

— Walter, 1986: table 1

— Greenwood, 1981: 592-595

— Fancett & Kimmmerer, 1985: passim

— Tafe & Griffiths, 1983: 112

- Greenwood, 1982a: 56-57
- Greenwood, 1982b: table 3
- Walter, 1987: 372-374, Fig. 4a-g.
- Bayly, 1975: table 1
- Bayly, 1965: 325, 327 (= P. sp. 1)



Pseudodiaptomus compactus Walter

- Walter, 1984: 375-378, fig 3B-C.
- [syn. P. aurivilli] Kasturirangan, 1963: 36  
figs. 31a-d, 32a-c.
- [syn. P. mertoni] Wellershaus, 1969: 256-258;  
fig. 23
- [syn. P. mertoni] Pillai, 1980: 246, fig 1c-d.
- Walter, 1986: table 1
- - MADHU PRATAP + HARIDAS, 1986: III, INDIA
- COMPACTIS, WALTER 1994: 123 -

Pseudodiaptomidae-Calanoidea

Pseudodiaptomus cornutus Nicholls

Nicholls 1944, pp. 8-10, fig. 3. S. Australia ♀ ♂

--, **Fleminger, 1967, p. 28-29**

~~--, Omori, 1973, p. 4~~

~~--, Pillai, 1970, p. 78~~

--, Bayly, 1966, p. 52-

--<sup>p</sup> McWilliam, et al, 1981: 190, tbl. 4

-- Tanaka, 1967: 40-42, fig. 2a-f

-- RANGA REDDY & RADHAKRISHNA 1982: 255

-- Walter, 1986: table 1

-- Fancett & Williams, 1985: passim

Pseudodiaptomus cornutus Nicholls

card 2

-- Bayly 1963: 210

— Walter, 1987: 376-377, fig. 6A-H

— Bayly, 1975: table 1

— Walter, 1986a: 155, fig. 11K-L

-- Roy 1977: 100, 103

Pseudodiaptomus coronatus = see (P. pelagicus)

Walter, 1989

Centropagidae - Calanoida.  
Pseudodiaptomus cristobalensis Marsh, ♂.

- — Marsh, 1913, p. 6: <sup>8</sup>pl. 2, fig. 1-3, 5.  
— — Marsh, 1933, p. 33: pl. 16, fig. 7: pl. 17, figs. 1-3.  
(NON)  
(NON), Cavalho, 1952, p. 146-7, pl. 1, fig. 25-27. Bay of Santos, Brazil.  
—, Bjornberg, 1963: 100 (table) ← [= P. richardi]  
—, JOHNSON, 1948: 319

Habitat. Panama Isthmus (Atlantic)

- — Frueh+1, 1924: 48  
— GRINDLEY 1984: 226 — fig. 1(3)  
— Walter, 1986: table 1

- Walter, 1989: 603 - 604, fig. 7A-D

- Collado et al, 1984: 116, tbl. 3

(?) P. wrighti Johnson 1964: 38-40, figs 23-25 (→ variant)

(non) P. cristobalensis Carvalho, 1952: 146-147, pl. 1, figs 25-27

P. CRISTOBALENSIS, COLLADO ET AL. 1984: 116-

Centropagidae - Calanoida.

Pseudodiaptomus culebrensis Marsh, ♂, ♀.

- — Marsh, 1913, p. 4: pl. 1, f. 1-7.<sup>6</sup>
- — Marsh, 1933, p. 33: pl. 17, figs. 4-6; pl. 18, f. 1-2.<sup>35</sup>
- , FRECHT, 1924: 48
- , COMITA, 1951: 370, ~~375~~ 375-376; TAB. 1; PL. I  
figs 6-11
- , TOWNSON, 1948: 319, 320

Habitat. Panama - Pacific side - brackish water in  
canal zone.

- , BREHM 1934: 93 - Key to species.
- BREHM 1949: 415.

--, Dodds 1926: 23.

-- GRINDLEY 1984: 226

— Walter, 1986: table 1.

-- DUSSART & FERNANDO 1986a: 39, 41

— Walter, 1989: 601-602, fig 6A-H

— Wright, 1936: 14-15, pl. 3, fig. 6.

1937: 159-161, pl. 1, fig. 8.

— Brinson & Nordlie, 1975: 1477, tbl. 4.

[non P. culebrensis] Collado, et al. 1984: 116, tbl. 3.

-- REID 1990g: 190



Pseudodiaptomus culubrensis Marsh, 1913

card 2

P. culubrensis, Bowman 1978b: Pacific side of Panama  
Canal Zone

-- BRAINSON + NORDLIE 1975: 1477, TAB. 4, LAKE  
IZABAL, GUATEMALA

-- FLEMINGER + KRAMER 1988: 535

Pseudodiaptomus dauglishi Sewell

- Sewell 1932, p. 241, fig. 86, ♀ ♂, Perak Malay
- : Sewell, 1933, p. 27. Mouth of Kurau River, Malaya.
- , Pillai, 1970, p. 78.
- , LAI & FERNANDO, 1977: 122-124, 125, 126; FIGS. 41-45
- Douglishi, BREHM 1934: 93 - Key to species.
- , LAI & FERNANDO, 1981: 172, figs. 23B-23D
- RANGA REDDY & RADHAKRISHNA 1982: 255
- Walter, 1986a: 156-157, fig. 12A-F
- Walter, 1986: table 1
- MADHUPRATAP & HARIDAS, 1986: III, INDIA

- Sarkar, et. al., 1986: 178

-- Roy 1977: 100, 103

Pseudodiaptomus diadelus Walter

- Walter, 1986a: 149-151, fig. 9A-K
- Walter, 1986: table 1 (P. sp. 4)

Pseudodiaptomus difalcatus Grigg

-- Mauchline 1988: 712

Pseudodiaptomus dubius Kiefer 1936  
[= P. annandalei]

Zool. Anz. 113: 231

--, Pillai, 1970, p. 78 (Syn. P. annandalei Sewell;  
syn. P. nostradamus Brehm)

--, Brehm, 1957: 57

— Chen, 1980: table 1

-- RANGA REDDY + RADHAKRISHNA 1982: 268, A SYN.  
OF P. ANNANDALEI

— Academia Sinica, 1979: 77-78, fig. 34a-e

SCHMACKERIA DUBIA CHEN & C 1986: 571-572

PSEUDODIAPTOMUS ERNESTI Manuscript.  
never validated

-- FORRÓ' 1986: 561

Pseudodiaptomus (Pseudodiaptallos) euryhalinus

Johnson, 1939. pl. 2, figs 10-20

Trans. Amer. Mic. Soc. 68: 349-355, pl. 1  
fig. 1-9

--, Fleminger, 1967, p. 28-29

--, Alvarez, V. & Kewalramani, G., 1970, pp. 269, 274

--, GRICE, 1968, pp. 291-300

--, MADHUPRATAP & HARIDAS, 1978: 255

--, JOHNSON, 1948: 319-330; PL. I-IV LIFE HISTORY

-- GRINDLEY 1984: 222, 226

-- UMMERKUTTY 1964: 48

-- KOGA 1973: 36



Pseudodiaptomus euryhalinus Johnson, 1939

card 2

-- Koga 1984b: 103, 144, 145, 146, 187 - nauplii; 195

— Walter, 1986: table 1

— Dawson & Knatz, 1980: 96, pl. 83, fig. a-d

— Walter, 1989: 599-601, fig 5A-H

— Fleminger & Kramer, 1988: 539

-- CORDELL ET AL. 1992: 267

-- HEDGPETH 1959: 120, TAB. 2, CALIFORNIA COAST, USA

Centropagidae - Calanoida.

Pseudodiaptomus forbesi (Poppe & Richard)<sup>①</sup>  
♀. ♂.

Schmackeria - Poppe & Richard, 1890, p. 396: pl. 10,  
Pseudod. - Giesb. & Schmeil, 1898, p. 66. [f. 1-14  
- - Burckhardt, 1913, p. 379: pl. 11E, f. 1, 6:  
pl. 11F, f. 5-8: pl. 11G, f. 5-9: pl. 12H, f. 5, 6, 9.  
- -, BREHM, 1957: 57

Habitat. China, Japan

= SCHMACKERIA FORBESI, (SHEN & TAY, 1962a: 101)

- Shen & Lee, 1966: 219

- Kikuchi, 1936: 280

OVER

— — Kikuchi, 1928, p. 69: pl. 19, figs. 19-20.  
— —, Mashiko, 1951. China.

Schmackeria —, March, 1933, pp. 44-45, pl. 21, fig. 4, 5, 7.

--, BREHM 1934: 93 - Key to species.

--, Mashiko, 1951a, p. 18-19, 20

--, Mashiko, 1951b, p. 151, fig. 6 ✓

-- RANGA REDDY & RADHA KRISHNA 1982: 260

— Walter, 1986: table 1

— Academia Sinica, 1979: 67-69, fig 26 a-h.

— Shen & Tai, 1962a: 100-101, 116-117.

— Shen & Tai, 1962b: 403 & 406

— Shen & Tai, 1964a: 229

— Shen & Lee, 1963: 527  
Oct. 95-96, 78-79. figs. 7-9 (? syn. P. puplesia)

Lalanoida.

Schmackeria Forbesi Toppe & Richard,

— — Toppe & Richard, 1890, p. 396.

<sup>Pseudodiap.</sup> — — Richard, 1891, p. 140: pl. 5, fig. 5.

— — Giesbrecht, 1896, p. 323 (key).

— — Giesbrecht & Schmeil, 1898, p. 66.

--, SHEN & TAI, 1962a: 100, 101, 116, 117; SYN. PSEUDODIAP. F.

Habitat. Shanghai, China.

--, SHEN & TAI, 1962b: 403, 406

--, SHEN & TAI, 1964c: 229

— — Burckhardt, 1913, p. 379: pl. 11E, figs. 1-6:

pl. 11F, figs. 5-8: pl. 11G, figs. 5-9: pl. 12H, figs. 5, 6, 9.

— — Kikuchi, 1928, p. 69: pl. 19, figs. 19-20.

Schackeria — Marsh, 1933, p. 44: pl. 21, figs. 4, 5, 7.

— —, Shen, 1955, p. 95

— —, Shen & Lee, 1963, p. 577

— —, ACADEMIA SINICA, 1979: 67-69; FIG. 26;

— —, Chia-jui & Ta-hsiang, 1965, passim

— — SHEN & LEE 1966: 219

- PSEUDODIAPATOMUS FORBESI (POPPE + RICHARD) CARD 2
- , BORUTZKY, 1960: 22, FIG. 4(5)-9
  - SMIRNOV 1929: 319, 320, 328
  - Oursi & Walter, 1991: 554-557, f. 1 a - 2
  - CORDELL ET AL., 1992: 264, SAN FRANCISCO BAY, CA
  - CARLTON + GELNER 1993: 80, INTRODUCED - CALIFORNIA
  - MENG + OURSI 1991: 187, FIG. 1, SACRAMENTO - SAN JOAQUIN ESTUARY, CALIFORNIA (INTRODUCED)
  - OHTSUKA, UEDA + LIAN 1995: 156, 159, TAB. 1

Pseudodiaptomus galapagensis Grice

- Grice, 1964. pp. 255-258, fig. 1-19
- , ARCOS 1978: TAB. III, p. 50. [non P. galapagensis]
- GRINDLEY 1984: 226
- Walter, 1986: table 1
- Walter, 1989: 614 - 615, fig. 13A - I

Pseudo deoptomus galleti (Rose)

— — Rose, 1957 (Mazellina): 235-245  
fig 1-6. Viet Nam

— Walter, 1986a: 136-138, fig. 3A-M Philippines

— Walter, 1986: table 1

— Kimmmerer, et al, 1985: table 3; 426-427 <sup>Australia</sup>

— Walter, 1984: 380-83

— Walter, 1987: 374-376, fig. 5a-j



Centropagidae - Calanoida

Pseudodiaptomus gracilis (Dahl), ♂. ♀. ①

Weismannella — Dahl, 1894, a. p. ~~20~~<sup>10-11</sup>: pl. 1, f. 12-14.

Pseudodiaptomus — Giesb. & Schmeil, 1898, p. 65

— — S. Wright, 1928, p. 589<sup>592</sup>: pl. 12, fig. 7: text f. 1-2.

— — Marsh, 1933, p. 35<sup>36</sup>: pl. 18, figs. 4-6.

— —, Stingelin, 1904, ~~p. 154~~<sup>588</sup>. Mouth of Amazon.

Habitat. Mouth of the Amazon: Marajo:  
Santarem, Brazil.

— Walter, 1986: table 1.

-- BRENN 1949: 415

- Prado-Por & Lansac-Toha 1984: 148, tbl. 1

- - Wright, 1936, p. 3; pl. 1, figs. 1-8.

--, JOHNSON, 1948: 319

--, BREHM 1934; p. 93 - Key to species, to species.

-- DUSSART 1984: 35, 39, 27, 43, FIG. 2, 63

-- GRINDLEY 1984: 221

-- RANGA REDDY + RADHAKRISHNA 1982: 260

- Bjornberg, 1981 ~~646~~ 645, fig. 216 #2

- Walter, 1989: 610 - 612, fig. 11A-I

- Poppe & Mrazek, 1894: 127 (Schmackeria gracilis)

- Cipolli & Carvalho, 1973: 97-98, 100

Centropagidae - Calanoida

Schmackeria gracilis (Dahl).

— — Dahl,

— — Toppe & Mrázek, 1895, p. 127

Habitat. Mouth of Tocantins, Brazil river

Pseudodiaptomus gracilis (Dahl, 1894)

card 2

-- Defaye & Dussart 1988:110, 112, Figs. 2-5, French  
Guiana

Pseudo diaptomus griggae Walter

— Walter, 1987: 381-383, fig. a-h

— (= P. difalcatus) Grigg, 1972: 83-84, fig. ~~2~~

— Bayly, 1980: 9-10 (P. sp.)  
34 c-d, 35 a-c

Centropagidae Calanoida

Pseudodiaptomus hessei (Mrázek), ♂. ♀. ①

Schnackeria — Mrázek, 1894, p. 1-3: text-f. 1-3.

Pseudod. — Giesb. & Schmeil, 1898, p. 65.

— — — Marsh, 1933, p. 36: pl. 19, figs. 1-2.

— — —, Grindley, 1963. pp. 374-381, fig. 1-3

— — —, MILSTEIN, 1979: 73

Habitat. Mouth of the Congo.

— — — Grindley, <sup>1981</sup> Estuarine plankt. p. 124<sup>-125</sup> pl. 8.3

— — — BREHM 1934: 92; Key to species.

— — — Wooldridge & Bailey 1982 *passim* (151-163)

— Connell, 1981: 499

— Hart, 1981: 13-23

— RANGA REDDY + RADHAKRISHNA 1982: 262

— Walter, 1986: table 1

— HUNTLEY, MARIN + ESCRITOR 1987: 912 -

— Wooldridge + Melville-Smith, 1979: 329-340

— ~~Connell~~ Grindley, 1984: passim, fig. 1

— Grindley, 1972: 75-19

— Grindley, 1964: 782-783

— Sewell, 1948: 457

— Hart, 1976: 155-158

— Hart, 1977: 1-8

— Hart, 1978: 415-420

Centropagidae - Calanoida -

Schmackeria hessei Mrazek, ♀,

— — Mrazek, 1894<sup>2</sup>, p. 1-3: 3 text-figs.  
—, BREHM 1949: 415.

Habitat. Congo River Mouth.



Pseudodiaptomus hessei (Mrazek, 1894)

card 2

-- Dumont & Maas 1988b: 4, 6-7, Ivory Coast

-- ~~HESS~~ HERZIG 1983: 77 -

-- DUSSART 1989: 8-, FIG. 3, RANGE - AFRICA

(SCHMACKERIA)

Pseudodiaptomus heterothrix Brehm

-- --, Brehm, V., 1953, p. 305, fig. 66-67;

--, Pillai, 1970, p. 78.'

-- GRINDLEY 1984: 221

-- RANGA REDDY & RADHAKRISHNA 1982: 255

-- Walter, 1986: table 1

-- WALTER 1994: 123 -

-- ROY 1977: 100, 103

Centropagidae - Calanoida

Pseudodiaptomus hickmani Sewell, ♀. ①

-- Pullai, P.P. 1971, p. 164, 171.

--- Sewell, 1912, p. 364: pl. 22, figs. 1-7.

--- S. Wright, 1928, b, p. 588, name only.

--- Sewell, 1924, p. 786.

--- Marsh, 1933, p. 37: pl. 19, figs. 3-4.

Sewell 1932, p. 235

Habitat. Coast of Burma: Chilka Lake.

= PSEUDODIAPATOMUS COLEFAXI (GREENWOOD, 1977: 65)

--, BAYLY, 1965: 325

- Dakin & Colefax, 1940: 89, fig. 107a-e (syn. al. inf.)

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

--, Frucht1, 1924, p. 48

--, Pillai, 1970, p. 78.

--, Bayly, 1966, p. 52.

--, GRINDLEY & GRICE, 1968, p. 131

-- RANGA REDDY & RADHAKRISHNA, 1982: 255, 262-265,  
270, PLATE III, FIGS. 1-15 ♀♂

— Walter, 1986: table 1

PSEUDODIAPTOMUS      HICKMANI      SEWELL      CARD 2

--, MADHUPRATAP + HARIDAS, 1986: 111, INDIA

— Sarkar, et al, 1986: 177, 178

-- UMMERKUTTY 1966d: 304

-- CORDELL ET AL. 1992: 264-

-- WALTER 1994: 123-

-- ROY 1977: 100, 103

Pseudodiaptomus hypersalinus Walter

- Walter, 1987: 383-85, fig. 10a-h.

- Bayly, 1975: 46-7 (= P. sp.)

- Kimmerer, et al., 1985: 426-7 (= P. sp.)

Pseudodiaptomus incisus Shen & Lee, 1963

n. sp., Shen & Lee, 1963, pp. 578-80, 594, figs. 15-19

["The estuarine Copepoda of Chiekong and Zaikong Rivers,  
Hwangtung Province, China." Acta Zool. Sinica 15: 571-596, 51 figs.]

— Walter, 1984: 385-386, fig 7 j-k.

-- SHEN & LEE 1966: 214- CHINA

— Walter, 1986: table 1

-- LI & HUANG 1984: 388

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

PSEUDODIATOMUS INFLATUS (SHEN & TAI, 1964)

SCHMACKERIA INFLATA, SHEN & TAI 1964: 225,  
230-232, 242-243, FIGS. 16-18, N.SP.

S.-A, ACADEMIA SINICA 1979: 67, 76-77, FIG. 33a-c

P. INFATUS, OHTSUKA, UEDA & LIAN 1995: 157, 159,  
TAB. 1



Pseudodiaptomus inflexus Walter

- Walter, 1987: 385-87, fig. 11a-h.

- Grigg, 1972: 78-79, fig. 27c-e, 29a-e, 30a-c  
(unpublished thesis)

- MAUCHLINE 1988: 712

Centropogonidae - Calanoida.  
Pseudodiaptomus inopinus Burckhardt. ♂. ♀.

— — Burckhardt, 1913, p. 379: pl. 11E, f. 2, 5, 7, 8:  
pl. 11F, f. 1-4, 9-10: pl. 11G, f. 1-4, 6-8: pl. 12H, f. 1-4  
7-8, 10-11.

— — Rylov, 1930, p. 285:

= SCHMACKERIA INOPINUS, (SHEX) + TAI, 1962a: 101)

Habitat. China. Japan.

--, LINDQVIST, 1961: 11

--, BREHM 1934: 92; Key to species.

--, Mashiro, 1951, p. 20

— — Smirnov, 1929, p. 318: figs. 1-3.

Schmackeria —, Marsh, 1933, pp. 44-45, pl. 21, fig. 6, pl. 22, fig. 1.

Pseudodiaptomus —, Ito, 1957. Pl. 28, fig. 24-29. Eel-culture ponds -  
w. coast Ise Bay, Japan.

--, Omori, 1973, p. 9.

--, Bjornberg, 1963: 100 (table)

--, Mashiro, 1951b, p. 151

— Shen & Lee, 1963: 578

— Tanaka, 1967: 42-43, fig. 3a-h

--, KADOTA & TANAKA, 1984: III

— Kikuchi, 1936: 280

— Walter, 1986: table 1

— Academia Sinica, 1979: 67, 69-72, fig. 27-28

Centropagidae - Calanoida

Schmackeria inopinus Burckhardt, ♂♀.

— — Burckhardt, 1913, p. 379: pl. 11E, figs. 2-5:  
pl. 11F, f. 1, 4, 9, 10: pl. 11G, f. 1-4, 6-8: pl. 12H, f. 1-4, 7, 8, 10, 11.

Pseudodiaptomus japonicus, Kikuchi, 1928, p. 68: pl. 19, f. 19-20  
— inopinus, Smirnov, 1929, p. 318: figs. 1-3.

—, Shen, 1955, p. 96

Habitat. Yangtze Kiang.

—, SHEN & TAI, 1962a: 100, 101-102, 116, 117, 118; 54N: PSEUDODIAP 1.

P. JAPONICUS

—, SHEN & TAI, 1962b: 403, 406

- Schmackeria — Marsh, 1933, p. 44: pl. 21, f. 6: pl. 22, f. 1.  
--, Shen & Lee, 1963, p. 578  
--, SHEN & TAI, 1964: 229, 242; TAB. 2  
--, ACADEMIA SINICA, 1979: 67, 69-72<sup>A</sup>; FIG. 27, 28  
--, CHENG et. al. 1965: 1.  
--, Chia-jui & Ta-hsiang, 1965, passim  
-- SHEN & LEE 1966: 214-CHINA  
- INOPIUS, CHANG & KIM 1986: 52, -- OF SHEN, 1979 =  
PSEUDODIAPATOMUS INOPIUS [sic].  
- INOPINA, BORUTZKY ET AL. 1991: 61, FIG. 18, DIST. - USSR  
-- KAWABATA & DEFAYE 1994: 156, FIG 10, LAKE KAHOKU-  
GATA, JAPAN; SYN. S. JAPONICUS

Pseudodiaptomus inopinus BURCKHARDT

cont 2

- Shen & Tai, 1962a: 100, 101-102, 116-118  
(Syn. P. japonicus)
- Shen & Tai, 1962b: 403-406
- Shen & Tai, 1964a: 229, 242
- Cheng et al, 1965: 1
- Shen & Lee, 1966: 214
- —, BORUTZKY, 1960: 22, FIG. 4(3) ♀
- INOPIUS, CHANG & KIM 1986: 49, 52, 59, PL. I FIGS. 6-9, RECORDS-KOREA; SYN. SCHMACKERIA INOPIUS OF SHEN, 1979

PSEUDODIAPTOMUS INOPINUS BURCKHARDT CARD 3

- KIKUCHI ET AL. 1978: 24-43, FIGS. 7-11, JAPAN
- SMIRNOV 1929: 318-320, FIGS. 1-3, SUIFUN RIVER;  
328
- KYLOO 1932: 270 USA
- CORDELL ET AL. 1992: 260-269, COLUMBIA RIVER,
- CARLTON & GELLER 1993: 80, INTRODUCED - WASH.
- YOO & LIM 1989: 129, PL. 2 FIGS. 1-6, KOREA

Pseudodiaptomus inopinus saccopodus (Shen & Tai)

- Shen & Tai, 1962: 102 (Schmackerli)
- Walter, 1986: table 1



Pseudodiaptomus ishigakiensis Nishida

— Nishida, 1985: 128→133, fig. 2-4

-- OHTSUKA, UEDA + LIAN 1995: 156, 159, TAB. 1

Centropagidae - Calanoida

Pseudodiaptomus japonicus Kikuchi, ♀.

[= P. inopinus Burckhardt, 1918

— — Kikuchi, 1928, p. 68: pls. 18 & 19, figs. 9-18.

= SCHMACKERIA INOPINUS, (SMIRNOV & TAI, 1962a: 701)

-- , BRENN 1934: 92; Key to species.

-- , Mashiro, 1951a, p. 20

-- , Mashiro, 1951b, p. 151

Habitat. Japan. Freshwater

— Kikuchi, 1936: 281

-- BORUTZKY, 1960: 22, FIG. 4 (1, 2)

-- SMIRNOV 1929: 320

Pseudodiaptomus japonicus Kikuchi, 1928

card 2

-- Kikuchi 1930: 36-, Japanese lakes

Pseudodiaptomus jonesi n. sp. Pillai 1970

①

- , Pillai, 1970, pp. 78-80, fig. 1.
- Pillai, 1971, pp. 164, 170, 171.
- , PILLAI 1980: 246 - Key to species, 263-264; Figs. 2  
1-n, 4.
- Madhupratap & Rao, 1979: 10
- Madhupratap et al 1975: passim
- Madhupratap ~~et al~~, 1979: passim
- Madhupratap, 1980: passim.
- RANGA REDDY + RADHAKRISHNA 1982: 255, 262
- Walter, 1986: table 1
- MADHUPRATAP & HARIDAS, 1986: III, INDIA
- Madhupratap & Haridas; 1989: 873-878 fig 1-3

PSEUDODIAPTOMUS JONESI PILLAI, 1970

CARD 2

-- WALTER 1994: 123 -

-- Roy 1977: 100, 103

Centropagidae - Calanoida.

Pseudodiaptomus lobipes Gurney, ♂, ♀.

— — Gurney, 1907, p. 27: pl. 1, figs. 3-8

— — S. Wright, 1928, b, p. 588, cited only.

— — Sewell, 1924, p. 786: pl. 45, fig. 1, a-d.

Schmackeria —, Marsh, 1933, p. 45; pl. 22, figs. 4, 7, 8.

— —, Brehm, 1950, p. 14, text-fig. 2 d-e.

Habitat. Calcutta: Chilka Lake.

— — Pillai, P.P. 1971, pp. 164, 171.

— — Bjornberg 1963 : 100 (Table)

— — Brehm 1934: 93

-- --, Brehm, V., 1953, p. 304, fig. 65;

--, Pillai, 1970, p. 78.

--, Mashiko, 1951, p. 20

-- RANGA REDDY + RADHAKRISHNA 1982: 255, 260-261,  
270

-- Walter, 1986: table 1

-- Shen & Tai, 1964a: 229

-- MADHU PRATAP + HARIDAS, 1986: III, INDIA

Centropagidae - Calanoida.

Schmackeria lobipes (Gurney), ♂♀,

Pseudodiaptomus —, Gurney, 1907, p. 27, figs. 4-8, pl. 1.

— —, Sewell, 1924, p. 786: pl. 45, fig. 1.

Schmackeria —, Marsh, 1933, p. 45: pl. 22, figs. 4, 7, 8.

—, SHEN & TAI, 1964a: 229

Habitat. Calcutta, India.



Pseudodiaptomus lobipes Gurney, 1907

card 2

-- Forró 1986: 561

-- RADHAKRISHNA v RANGA REDDY 1976a: 67, INDIA  
(CORRECTED TO P. BINGHAMI BY JUNIOR AUTHOR, 1991)

-- WALTER 1994: 123 -, FIG. 1 A-J, REDESCRIPTION,  
INDIA (CALCUTTA)

-- ROY 1977: 100, 103

Pseudodiaptomus longispinosus WALTER

Walter, 1989: 608-610, fig. 10A-H

Pseudodiaptomus malayalus (Wellerhaus, 1969) card 1

--Wellerhaus 1969: 247, 262-263, figs 27-30, n. ssp. ♀♂  
of Pseudodiaptomus binghami.

--Ranga Reddy & Radhakrishna 1982: 255, 261, 270:

\* elevated to species. \*

--Pillai, 1970: 78. - as P. b. m.

--Pillai, 1971: 164, 171. - as P. b. m.

--Pillai 1980: 246-key to species, 251-252; figs 1a-c, z <sup>- as P. b. m.</sup>

--Madhupratap et al. 1975: passim. - as P. b. m.

--Madhupratap & Haridas 1975: passim. - as P. b. m.

Pseudodiaptomus malayalus (Wellershaus, 1969) card 2

--Madhupratap 1979: passim - as P. b. m.

P. b. m., MADHUPRATAP & HARIDAS, 1986: III, INDIA

-- WALTER 1994: 123 -

P. b. m., WALTER 1986: TABLE 1

P. b. m., ROY 1977: 100

PSEUDODIAOPTOMUS MARINUS SATO-1913

— —, BRODSKY, 1950, P. 323, fig. 225.

-- --, Jones, 1966, p. 316.

-- --, Chiba, 1956, fig. 42

n. sp., Sato, 1913, pp.?, no. 16, pl. 7?

--, Shen & Lee, 1963, p. 578

--, Omori, 1973, p. 9.

--, Kos, 1958, p. 191

--, Pillai, 1970, p. 78.

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

--, Kos, 1977: 37, 45, 46, 47, 51

--Bayly, 1966, p. 52

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

-- Ueda, 1978: 56 table 1

-- Shen & Lee, 1963: 578

-- UYE & KASAHARA 1978: 113

Pseudodiaptomus marinus -2-

- GRINDLEY & GRICE, 1969 p. 131-133 (fig 1-26)
- Uye, Obnĕ, 1975, pp. 65-75, figs 1-75.
- , Bjornberg, 1963: 100 (table)
- , TANAKA, 1963: 12
- , GREENWOOD, 1977: 50, 65, fig. 5e-g (= P. australiensis)
- , PILLAI 1980: 246 - Key to species, 262-263; Figs. 2r-v, 4.
- , Kasahara, S., S. Uye, T. Obnĕ, 1975, p 25
- , Ueda, 1980, p. 172, 191-193.

- , Ueda, 1982, passim
- Hirota, 1969 b: passim.
- Tanaka, 1967: 43-45, Fig 4a-n
- Uye, et al, 1983: 91-98
- , NISHIDA, 1984: 39
- RANGA REDDY + RADHAKRISHNA 1982: 255, 262
- SHEN + LEE 1966: 214-CHINA
- UYE ET AL. 1982: 25-36
- UYE + KASAHARA 1983: 147-158
- UYE 1984a: 46-48
- UYE 1984b: 172.



Pseudodiaptomus marinus Sato

card 3

-- Koga 1984b: 104, 110-113, FIGS. 4-3, 5-3, 6-3, NAUPLII;  
127, 145-146, FIG. 30, TABLE 2-(14); 186, 187, 195

-- IWASAKI & KAMIYA 1977: 44-54, JAPAN; FIG. 1a-d

- Nishida, 1985: 132-133, fig. 4e

- Grigg, 1972: 77-78, fig. 27a-b, 28a-f  
= (syn: *P. australiensis*.)

- Tanaka, 1965a: 25, fig. 8a-c

- Walter, 1986: table 1

- Walter, 1986a: 145-147, fig. 7 L-O

PSEUDODIAPTOMUS MARINUS SATO

CARD 4

--, BORUTZKY, 1960:22, FIG. 4(4) ♀

-- HIRAKAWA 1986:298

-- MADHU PRATAP & HARIDAS 1986:111, INDIA

— Greenwood, 1982b: table 3

— Uye, 1986e: 35-42 fig. 1-4 graphs.

— Valbonesi & Harada, 1980: 446-458  
tbl. 1~~1A~~, fig. 1-2 passim

-- UEDA & HIROMI 1987:233

-- CHEN<sup>g-c</sup>, 1986: 528

Pseudodiaptomus marinus Sato

card 5

-- Kimoto et al. 1986b: 143

-- Ayukai, 1987: 147

-- FERRARI + HAYEK 1990: TAB. 1

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

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

-- Walter, 1989: 621-620 [San Diego, CA]

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

-- Orsi & Walter, 1991: 560

-- CORDELL ET AL. 1992: 262, SAN FRANCISCO BAY, CA

Pseudodiaptomus marinus Sato

card 6

- Carlton & Geller 1993: 80, introduced - California
- Roy 1977: 100, 103
- OHTSUKA, UEDA & LIAN 1995: 158, 159, TAB. 1
- FLEMINGER & KRAMER 1988: 535-540, FIG. 4a-i,  
SOUTHERN CALIFORNIA, USA; INTRODUCTION.
- LIANG & UYE 1996: 226, INLAND SEA, JAPAN
- LIANG & UYE 1997: 409-414, INLAND SEA, JAPAN
- LIANG & UYE 1997: 415-420, INLAND SEA, JAPAN

Diaptomidae Calanoida

Pseudodiaptomus marshi Wright ♂♀.

— — Wright, 1936, p. 13: <sup>15</sup>pl. 3, figs. 1-5 + 7.

— —, Bacon, P.R., 1971, p. 85, +tbl. 2

--, JOHNSON, 1948: 319, 320

-- DUSSART 1984: 63

— Walter, 1986: table 1.

Habitat Brazil-

— Bjornberg, 1981: <sup>645-</sup>646, fig. 216 #3

-- DUSSART & FERNANDO 198~~5~~<sup>6</sup>: 39-41, FIGS. 1-9, COSTA  
RICA, LIMON ESTUARY

- Walter, 1989: 604 - 606, fig. 8A-J.
- Wright, 1937: 159-161, pl. 1, fig. 6-7
- Prado-Por & Lansac-Toha, 1984: 148

~~S~~ Collado et al 1984: 116, tbl. 3 (*P. culebrensis*  
= *P. marshi*)  
this specimen only!

-- REID 1990g: 190-191

-- BOWMAN 1978b: 249

-- COLLADO ET AL. 1984: 91, COSTA RICA

Pseudodiaptomus masoni Sewell

- \_\_\_\_ Sewell 1932, p. 237, fig. 84, ♀, juv. Indian O.  
-- , Pillai, 1970, p. 78.  
-- , BRENN 1934: 93; Key to species.  
-- GRINDLEY 1984: 220  
-- RANGA REDDY + RADHAKRISHNA 1982: 255  
— Walter, 1986: table 1  
-- MADHUPRATAP + HARIDAS, 1986: III, INDIA  
— Sarkar, et.al., 1986: 178  
-- Roy 1977: 100, 103

Diaptomidae - Calanoida

Pseudodiaptomus mertonii Früchtl, ♀. ♂

— — "Früchtl, 1924, p. 49<sup>53</sup>: figs. 31-36

= P. aurivillii, Marsh, 1933, p. 30.

— — "Früchtl, 1923, p. 455<sup>456</sup>: figs. 23-24. ♂ ♀ pl. 26

"[non] Sewell 1932, p. 241, fig. 85

— — : Sewell, 1933, p. 27. Malaya.

Habitat. Aru Archipelago.

— — [?] Saraswathy, 1967, p. 79.

— — Pillai, P.P, 1971, p. 164, 169, 171 (fig 3a)

— — BAYLY, 1965: 307; FIG. 9



~~W. Frucht, 1924, p. 49-53, figs. 82, 31-36~~  
~~--, Pillai, 1970, p. 78.~~

--, GREENWOOD, 1978b: 20

--, BREHM 1934: 88, 93 - Key to species., fig. 1a-b.

~~W.~~  
— [?] Ummerkutti, 1964: 48-52 pl. 2 figs 23-24.

— [?] P. aurivilli Scott, 1909: 116

-2-

Pseudodiaptomus mertonii Früchtl 1923  
Abhandl. der Senckenberg. Naturf. Gesellsch., 37, Hft.  
1: 455-456, fig. 23-24.

[non] --, Wellershaus, 1969, pp. 256-258, fig. 23

--, Bayly, 1966, p. 55-56 (?Syn. *C. aurivilli*), figs 2 & 3

--, GREENWOOD, 1977: 50, 65, 66

[non] --, PILLAI 1980: 246 - Key to species, 248; Figs. 1 <sup>c-d.</sup> <sub>a, b.</sub>

--, Madhupratap et al 1975: passim

--, Greenwood, 1982: 58

--, Walter, 1984: 374-375, fig. 3A.

Pseudodiaptomus mertoni Früchtl, 1923

card 3

--Grindley 1984: 221, fig. 1(4)

--Ranga Reddy & Radhakrishna 1982: 255

--GOSWAMI 1983: 254-257, INDIA [ (?) P. mertoni ]

— Grigg, 1972: 82-83 (fig. 3(c-d, 33a-e))

— Walter, 1986: table 1

— Greenwood, 1981: 592-595

— Greenwood, 1982a: 58

— Greenwood, 1982b: table 3

-- MADHU PRATAP & HARIDAS, 1986: 111

Pseudodiaptomus mertonii Früchtl, 1923

card 4

-- Mauchline 1988: 712

-- SMIRNOV 1929: 319

-- UNMERKUTTY 1966d: 303 ? SYN. OF AURIVILLI CLEVE

— Bayly, 1975: table 1.

— Bayly, 1965: 327-28 (= Ps. sp. 3)

— Walter, 1987: 365-370, fig. 2A-H.

-- Roy 1977: 100, 103

SCHMACKERIA MINUTUS SHEN & TAI

--, SHEN & TAI, 1962: 403

Pseudodiaptomus mixtus Walter, 1994

-- Walter 1994: 123, 128-130, Fig. 3A-F, Tab. 1, 2,  
n. sp., Bangladesh (Kaptai Lake, Rangamati)

Pseudodiaptomus nankauriensis Roy, 1977

-- Roy 1977: 100-103, FIG. 1, N.SP., INDIA (NICOBAR Is.)

-- Ranga Reddy & Radhakrishna 1982: 255

-- Walter, 1986: table 1

- NANKAURENSIS, MADHUPRATAP & HARIDAS, 1986: 111

Pseudodiaptomus nihonkaiensis Hirakawa

---Hirakawa, 1983, p.65-69, 3 figs.

— Walter, 1986 : table 1



Diaptomidae - Calanoida

Pseudodiaptomus nostradamus Brehm, ♂♀.

--- Brehm, 1933, p. 137: figs. 8-12.

--, Pillai, 1970, p. 78 (Syn. P. annandalei Sewell;  
syn. P. dubius Kiefer).

--, BREHM, 1957: 57

--, BREHM 1934: 89-93; figs. 5+6; Key to species.

Habitat.

----- Wellerhaus, 1969 (syn P. annandalei Sewell; syn. P. dubius  
Kiefer.

BRE

-- RANGA REDDY + RADHAKRISHNA 1982: 268. A SYN. OF ANNA...

Pseudodiaptomus nudus Tanaka 1960

1960---pp. 47-49, pl. XXI, figs. 1-9.

-- --, Grindley, 1963. pp. 384-387, fig. 5

— —, Decker, 1964. p. 24. South Africa

--, DeDecker, 1962; p. 112

--, Pillai, 1970, p. 78 (Syn. P. serricaudatus (T. Scott))

--, (= PSEUDODIAPATOMUS SERRICAUDATUS) VERVOORT, 1965:

82-98 Figs 20-24

— De Decker, 1984: 316

--, TANAKA, 1964b: 9, TAB. 2

--, Grindley, 1963 Estuarine plankton p. 124 tbl. 3

--, Grindley & Wooldridge 1974 p. 204

-- RANGA REDDY + RADHAKRISHNA 1982: 263

-- Walter, 1986a: table 1 (syn. P. serricaudatus)

-- UMMER KUTTY 1966d: 304

-- DUSSART 1989: 11, FIG. 2B, RANGE - AFRICA

Pseudodiptomus occidentalis Walter

— Walter, 1987: 387-389, fig 12a-h.

— Kimmerer et al, 1985: 426-7 (<sup>syn</sup> ~~P.~~ P. baylyi)

Pseudodiaptomus ~~ornatus~~ ornatus (Rose)

- - Rose 1957 ♀ only (syn. Mazellina): →  
332-336, fig 10-12

— Walter, 1986a: 141-142, fig. 5A-D

— Walter, 1986: table 1

Pseudodiaptomus pacificus Walter

- Walter, 1986a: 153-155, fig 11A-J
- Walter, 1986: table 1 (p. sp. 5)
- Walter, 1987: 378-379, fig 7a-i

Pseudodiaptomus panamensis WALTER

- Walter, 1989: 606-608, fig. 9A-G

PSEUDODIAPTOMUS PANKAJUS MADHUPRATAP & HARIDAS

- Madhupratap & Haridas 1992: 555-561

-- WALTER 1994: 123 -

fig. 1-4.



Pseudodiaptomus pauliani Brehm

----- Brehm 1951, pp. 52-54.

----- Brehm 1951, pp. 421-425, fig. 1-8.

--, Pillai, 1970, p. 78.

-- GRINDLEY 1984: 226

-- RANGA REDDY & RADHAKRISHNA 1982: 255

— Dussart, 1982: 22<sup>-24</sup>, pl 2 A

— Walter, 1986: table 1

-- Roy 1977: 100, 103

Centropagidae - Calanoida.

Pseudodiaptomus pelagicus Herrick, ♀. 1

— — Herrick, 1884, p. 181, Mississippi Sound,  
Gulf of Mexico

— — Herrick, 1887, p. 10<sup>th</sup>: pl. 1 and 2.

— — Herrick, 1895, p. 53: pl. 1, fig. 11-17.

— — Giesbrecht, 1892, p. 358, undetermined.

--, MADHUPRATAP & HARIDAS, 1978: 255

Habitat. North America.

--, JOHNSON, 1945: 319

--, BREHM 1934: 93. Key to species

- — Giesb. & Schmeil, 1898, p. 64.
- — Marsh, 1933, p. 38: pl. 19, figs. 5-6: pl. 20, fig. 2.
  
- , Sato, 1913, in no. 16
- , Schmitt, 1954, p. 440.
- Walter, 1986: table 1
- Walter, 1989: 591-596, Fig. 2A-J, 3A-K  
(sr. syn. of P. coronatus)

= *P. DELAAGICUS* Centropagidae - Calanoida.

Pseudodiaptomus coronatus Williams, ♀, ♂. 2

-- Uminger, 1968, p. 255.

-- Williams, 1906, p. 641: text → §. 1-7.

-- Sharpe, 1910, p. 412: fig. 4, a-b, text.

-- Williams, 1907, p. 71.

-- Wilson, 1932, p. 101: fig. 68.

-- Wilson, 1932, p.

Chesapeake Bay.

Habitat, Woods Hole; Narragansett Bay -

-- Fish, 1925

-- Wright, 1936

-- ~~Wright~~ Wright, 1937

See Walter 1989  
P. coronatus =  
P. delagicus

— —, Marsh, 1933, p. 32; pl. 16, figs. 3-6.

— —, Davis, 1948, p. 82, fig. 1 (♂ p. 5). Long Lake, Dade Co.,  
S. Florida. Salinity 15.39‰.

— —, Sutcliffe, 1948. Beaufort, North Carolina.

— —, Dewey, 1956. Long Island Sound.

— —, Willey, 1923: 320-324 Nova Scotia.

— —, Woodmansee, 1958, p. 255. Biscayne Bay, Florida.

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

— —, Jacobs, 1961. Laboratory cultivation.

— —, Anraku, 1964, p. 49.

— —, Faber, 1966, p. 198. ~~418.~~

— —, Faber, 1966, p. 418.

— —, Cronin, 1962, p. 81.

— —, Grice, 1968, p. 131.

= P. PELAGICUS

Pseudodiaptomus coronatus Williams

(2)3

- - , Alvarez, V. & Kewalramani, G., 1970, pp.269,
- , *Cuzon de Rest, R. 1963, p.132, 140, 148*
- , Jacobs, 1969, p. 357, fig. 3, 360-8, fig. 5
- , Davies & Jensen, 1974, p. 18
- , Katona, 1973, pp. 574-583.
- Stickney and Knowles, 1975, pp. 147-153, fig. 3.
- , Schmitt, 1954, p. 440.
- , Allan, 1976, p. 170-
- B, Bowman, 1971, p. 6-
- , Bjornberg, 1976, p. 348-9
- , Uye, Onte, 1975, p. 65-75
- honesdale & Coull, 1977, pp. 275, 278.
- Grice, 1968, pp. 291-301, 83 figs.
- , HERMAN, ET AL., 1968: 76; TAB. 2, 3

--, Bjornberg, 1963: 100 (table)

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

--, MILSTEIN, 1979: 69

--, KNATZ, 1978: 69, 70, 71; FIG. 3; TAB. 1

--, EVANS, 1970: 73

--, OZON DO REST, 1963: 139, 140, 146, 147, 150; TAB. 1

--, JOHNSON, 1948: 319, 328

---. - Fleminger 1967: 28-29.

---. Pillai 1970: 78.

---. Omari 1973: 4.

--, BOUSFIELD 1955: TAB IX.

--, BREHM 1934: 93 - Key to species.

--, DAVIS 1950: Tab. V - p. 93.

= P. PELAGICUS

Pseudodiaptomus cornnatus Williams card 4

--, Stickney & Knowles, 1976, p. 124, fig. 3

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

--, Turner, 1982, p. 269

--<sup>RS</sup> FULTON 1984: 406, 408-409

-- RS FULTON 1982: 82. (N.C.)

-- YEATMAN 1976: 217

-- KOGA 1984b: 104, 144-146, 187 -- NAUPHII; 195; FIG.  
61(18)

-- SAGE ET AL 1976: 86, TAB. 1 - POTOMAC RIVER



= P. PELAGICUS

Pseudodiaptomus coronatus Williams

card 5

- Jermolajev 1958: 1219-1228, Bay of Fundy
- Devey, 1960a: 16, 28
- Devey, 1960b: passim
- Jacoby & Youngbluth, 1983: 77-86, fig. 1B-E  
fig. 2 D
- Walter, 1986: table 1
- Walter, 1986a: table (syn. P. pelagicus)
- VILELA 1972: 2
- ZAMORA SANCHEZ 1974: 37

= P. PELAGICUS

Pseudodiaptomus coronatus Williams

card 6

- Sage & Herman 1972: 32-, Sandy Hook Bay, New Jersey
  - CITARELLA 1989: 126-, ST. LAWRENCE GULF, CANADA
  - SHIH ET AL. 1988: 322-, NOVA SCOTIA
  - TURNER 1984d: 7-
  - Walter, 1989: 591-596, B, 2A-J, 3A-K
- [ = P. pelagicus ]

P.c., BURRELL + ZWERNER 1972: 139, CHESAPEAKE BAY

- CORONATUS, SHIH ET AL. 1971: 46, CANADA-ATLANTIC

Pseudodiaptomus pelagicus Herrick, 1884

card 7

P. coronatus, Citarella 1984:139-, Shediac Bay, New Brunswick, Canada

P. coronatus, LEE, W. Y. + McALICE 1979:568; DAMARISCOTTA RIVER, MAINE

-- REID 1990g: 191; SYNONYMY.

-- REID 1992a: 229-230, SYN. P. coronatus

P. coronatus, BOWMAN 1978a: 114-

P. coronatus, ALVAREZ-SILVA 1989:4, VERACRUZ, MEXICO

P. coronatus, ALVAREZ SILVA 1988: 166-, VERACRUZ, MEXICO

Pseudodiaptomus pelagicus Herrick, 1884

card 8

P. coronatus, Alvarez-Silva & Luna Fausto 1991: --,  
Veracruz, Mexico

P. coronatus, FLEMINGER & KRAMER 1988: 538

P. coronatus, ALVAREZ-SILVA 1996: 17-21, TAB. 2, MEXICO

P. pelagicus, HERRICK 1887: 11, GULF COAST OF ALABAMA,  
USA

Pseudodiaptomus penicillus Li & Huang, 1984

-- Li & Huang 1984: 386-380, figs. 12-18, n. sp. ♂♀,  
estuary of Jiulong River, Fujian, China

Pseudodiaptomus philippinensis Walter

— Walter, 1986a: 144-147, fig. 7A-K

-- FLEMINGER + KRAMER 1988: 536, 540

Pseudodiaptomus poplesia Shen, 1955

— Shen, 1955: 78-80, Pl. 1, fig. 7-12.

— Chen, 1980: table 1

— Walter, 1986: table 1

— Academia Sinica, 1979: 67, 72-74, fig. 29-30

— Shen & Tai, 1962a: 102, 117

— Shen & Tai, 1962b: 403

— Shen & Tai, 1964a: 229

— Cheng et al., 1965: 1-2.

-- BORUTZKY, 1960: 23

Pseudodiaptomus poplesia Shen, 1955

card 2

-- Chen, Q-C & Zhang 1986: 274, South China Sea

-- OHTSUKA, UEDA + LIAN 1995: 157, 159, TAB.1



Centropagidae - Calanoida

Pseudodiaptomus poppei Stingelin, ♀, ♂.

1900<sup>2</sup>

— — Stingelin, 1890, p. 200: pl. 14, figs. 6-10.

— — S. Wright, 1928. b., p. 588 - cited only

Schmackeria —, Marsh, 1933, p. 46, pl. 22, fig. 5, 6; pl. 23, fig. 1.

--, BREHM 1934: 93 - Key to species.

--, Mashiko, 1951, p. 20

Habitat. Celebes, in a pond.

— Walter 1986: table 1

— Shen & Tai, 1964a: 229, 232, 243

-- SMIRNOV 1929: 319, 320

Centropagidae - Calanoida

Schackeria poppei (Stingelin) ♂♀.

Pseudodiaptomus —, Stingelin, 1900, p. 200: pl. 14, f. 6-10.

Schmackeria —, Marsh, 1933: p. 46: pl. 22, f. 5-6: pl. 23, f. 1.

--, SHEN & TAI, 1964: 229, 232, 243

Habitat. Celebes.

Centropagidae - Calanoida.

Pseudodiaptomus richiardi (Dahl), ♂, ♀. ①

Weismannella r- Dahl, 1894, p. 20: pl. 1, f. 6-8.

Pseudodiaptomus r- Giesb. & Schmeil, 1898, p. 64.

--- Mrázek, 1901, p. 14: pl. 1, figs. 14: pl. 2, fig. 39.

--- Pesta, 1927, p. 71: fig. 2-b-d.

--, BREHM, 1957: 57, 60

Habitat. Mouth of the Amazon: Buenos Aires.

--, JOHNSON, 1948: 319

--, OWREN & FOYO, 1972: TAB. 1

--- var. inequalis, Brian, 1926, p. 187; figs. 15-16.

--- Marsh, 1933, p. 39: pl. 20, figs. 1-3.

Schnackeria — Poppe & Mrázek, 1895, p. 5

Pseudodiaptomus — Wright, 1936, p. 6: pl. f. 9! pl. 2, f. 1-3.

--- -- Brehm, 1965, p. 8, Argentina.

~~--- Pesta, 1927, pp. 71, fig. 2b-d~~

---, Bjornberg, 1963: 46, 9, 99, 100 (table), 128

---, BREHM 1934: 93 - Key to species.

---, REID + ESTEVES, 1984: 310-311, 315, 317

--- Cipolli & Carvalho, 1973: 97-98, 100.

Centropagidae — Calanoida

Schmackeria richardi (Dahl).

— — Dahl,

— — Poppe & Mrázek, 1895, p. 127

Habitat. Mouth of Tocantins river, Brazil.

PSEUDODIAPTOMUS RICHARDI (DAHL)

CARD 2

- DUSSART 1984: 63
- RANGA REDDY + RADHAKRISHNA 1982: 260, 262
- Walter, 1986: table 1
- Bjornberg, 1981: 646, fig. 216#1
- MONTÚ 1980b: 57-, BRAZIL, RGS
- MONTÚ + GROEDEN 1986: 77-, FIG. 24, RGS, BRAZIL
- Walter, 1989: 618-621, fig. 16A-L.
- LANSAC TÔHA + LIMA 1993: 91-, TAB. 1, S. PAULO, BRAZIL

PSEUDODIAPTOMUS RICHARDI EMANCIPANS BREHM,  
1957

-- BREHM 1957: 53-58; FIG. 64-66

- Walter, 1989: 618 [syn = P. richardi]

Centropagidae - Calanoida.  
Pseudodiaptomus richardi Dahl.

n. var. inaequalis, Brian, ♂♀.

— — Brian, 1925, p. 187: text figs. 15, 16.

--, CICCHINO 1975: 37-49; 63 figs.

-- DUSSART 1984: 63

Habitat. Río de la Plata

— Walter, 1986: table 1

-- SMIRNOV 1929: 319

— Walter, 1989: 618

Argentina.

[Syn. = P. richardi]



Centropagidae - Calanoida.

Pseudodiaptomus salinus (Giesbrecht), ♀, ♂.

RED SEA

Schmackeria<sup>a</sup> - Giesbrecht, 1896, p. 322: pl. 6, f. 23-28

Pseudo. Thompson & Scott, 1903, p. 248: pl. 2, f. 21-23.

Pseudo. - Giesb. & Schmeil, 1898, p. 65.

— — Marsh, 1933, p. 39: pl. 20, figs. 4-5.

— — Sewell 1932, p. 235, Indian O.

Habitat. Indian Ocean: Red Sea.

— —, SEWELL, 1947, p. 164, s. arabia Sea. 1♂.

— —, BRINDLEY & GRICE, 1968, p. 131.

— —, Walter, 1986: table 1

--, Pillai, 1970, p. 78.

--, Bayly, 1966, p. 52

--, Bjornberg, 1963: 100 (table)

--, BRENN 1934: 93; Key to species.

-- GRINDLEY 1984: 225, 228

-- RANGA REDDY + RADHA KRISHNA 1982: 255, 262

-- MADHU PRATAP + HARIDAS, 1986: III, INDIA

-- MICHEL ET AL. 1986: 21, 35 - ARABIAN GULF

-- MICHEL ET AL. 1986: 67, 75 - ARABIAN GULF

-- DUSSART 1989: 10, 11, FIG. 6, RANGE - AFRICA

-- ROY 1977: 100, 103

PSEUDODIAPTOMUS SERRATUS Manuscript

-- FORRO' 1986: 561

Centropagidae-Calanoidea.

Pseudodiaptomus serricaudatus (T. Scott), ♀.

Heterocalanus

— T. Scott, 1894, p. 40; pl. 2, fig. 43-48; pl. 3, fig. 1-7.

Pseudodiaptomus Giesbrecht & Schmeil, 1898, p. 66.

— — Cleve, 1904, p. 196, 181, 369

— — Stebbing, 1910, p. 534.

- - Pillai, P.P. 1971, pp. 164, 169, 170, 171 (fig 3a)

Habitat. So. Africa; Indian Ocean.

--, VERVOORT, 1965: 92-98 FIGS 20-24 SYNONYMS: HETEROCALANUS

S. i SCHMACKERIA S. i P. MUNDUS

--, RAINBRIDGE 1972: 78

- — Thompson & Scott, 1903, p. 248.  
— — A. Scott, 1902, p. 404: pl. 1, fig. 6.  
— — Tollinger, 1911, p. 177  
— — Sewell, 1914, p. 226: 1924, p. 785.

— — Sewell 1932, p. 235

Schmackeria —, Marsh, 1933, pp. 46-47, pl. 22, fig. 2-3.

-- --, Wellershaus, 1969, pp. 258-259, figs. 31-36

--, DeDecker, 1962, p. 112

--, Pillai, 1970, p. 78. (= P. nudus Tanaka)

--, Bjornberg, 1963: 100 (table)

--, BINET & DESSIER, 1971: 433, 447, 454.

--, BINET, ET AL., 1972: 133, 136

--, BREHM 1934: 92: Key TO species.

Centropagidae-Calanoidea

Schmackeria serricaudata (Scott). ♂♀.

Pseudodi.

— I. Scott, 1893, p. 40: pl. 2, f. 43-48: pl. 3, f. 1-7.

— — Poppe & Mrázek, 1895, p. 127

— — Giesbrecht & Schmeil, 1898, p. 66.

— — A. Scott, 1902, p. 404; pl. 1, fig. 6.

—, SHEN & TAI, 1964a: 229

Habitat, Congo mouth - East Indies.

Schmackeria-us, Marsh, 1933, p. 46: pl. 22, figs. 2-3,

--, SEWELL, 1947, p. 164,

--; -- Ummerkutty, 1967, pp. 332-343.

-- --, Saraswathy, 1967, p. 79

--, (= PSEUDODIAPTOMUS s.) VERVOORT, 1965: 85-98

Pseudo diaptomus serri caudatus (Scott)

- Mori, 1942: 553, pl. 9, fig 1-9.

--, PILLAI 1980: 246- Key to species, 252-253; Figs.

1 e, u, v.

--, Margues, 1953: 117

--, Madhupratap & Rao, 1979: 10

--, Madhupratap et al, 1975: passim

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

--, Madhupratap, 1980: passim.

- Margues, 1958: 215



- Marques, 1947: 36, fig 1a-d
- GRINDLEY 1984: 220, 224-5, 228
- RANGA REDDY + RADHAKRISHNA 1982: 255, 262
- GOSWAMI 1983: 254-257, INDIA
- Walter, 1986: table 1
- Shen & Tai, 1964a: 229
- MADHUPRATAP + HARIDAS, 1986: III, INDIA
- MAUCHLINE 1988: 712
- STEPHEN 1984: 168-, ARABIAN SEA / BAY OF BENGAL
- SCHMACKERIA SERRICAUDATA, UMMERKUTTY 1966d: 304

Pseudodiaptomus serricaudatus (T. Scott)

card 3

-- Dussart 1989:7-, fig. 2A, range-Africa

-- WALTER 1984:123 -

-- ROY 1977:100,103

Pseudodiaptomus Sewelli Walter

— Walter, 1984: 383-384, fig. b.

— [syn. P. aurivilli] Sewell, 1932: 240-241,  
fig. 85a

[syn. P. aurivilli] Wellershans, 1969:  
254-256, figs. 21, 22.

[syn. P. aurivilli] Pillai, 1980: 248, figs 1a, b.

— Walter, 1986: table 1

-- MADHUPRATAP & HARIDAS, 1986: III, INDIA

-- WALTER 1994: 123 -

Centropagidae - Calanoidea.

Pseudodiaptomus smithi S. Wright, ♂, ♀.

— S. Wright, 1928, b. p. 592: pl. 12, figs. 1-3, 5-8.

Schmackeria —, Marsh, 1933, pp. 47-48, pl. 23, fig. 3-4.

--, BREHM 1934: 93 - Key to species.

— Walter, 1986a: 157-159, fig. 13A-I

— Walter, 1986: table 1

Habitat. Philippine Islands.

— Shen & Tai, 1964a: 229

Centropagidae - Calanoida

Schmackeria smithi Wright, ♂♀

— — Wright, 1928, p. 592: pl. 12, figs. 1-3, 5-8.

— — Marsh, 1933, p. 47: pl. 23, figs. 3-4.

--, SHEW & TAY, 1964a: 229

Habitat. Philippine Islands.

PSEUDODIAPTOMUS SPATULATUS (SHEN & TAI, 1964)

SCHMACKERIA SPATULATA, SHEN & TAI 1964: 225, 229-230, 242, FIGS. 12-15, TAB. 3, N. SP.

SCHMACKERIA -A, ACADEMIA SINICA 1979: 67, 74-75, FIG. 31

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

P. SPATULATUS, WALTER 1986: TABLE 1

P. -us, OHTSUKA, UEDA & LIAN 1995: 157, 159, TAB. 1

Centropagidae - Calanoida

Pseudodiaptomus stuhlmanni (Poppe & Mrázek) <sup>♂. ♀.</sup>

Schmackeria - Poppe & Mrázek, 1895, p. <sup>125</sup>~~125~~: pl. 1, f. 1-9.

Pseudod - Giesb. & Schmeil, 1898, p. 65: text & 16

--- Marsh, 1933, p. 40: pl. 20, figs. 6-7.

---, Pillai, 1970, p. 78.

---, BRINDLEY & GRICE, 1968, p. 131.

Habitat. Dutch East Africa.

---, BREHM 1934: 93; Key to species.

- Connell, 1981: 499. Fig. 35 (syn. *P. charteri*)

--, Bayly, 1966, p. 52

-- Grindley 1963: 124 Est. pelt.

-- RANGA REDDY + RADHAKRISHNA 1982: 255, 262

-- Walter 1986: table 1

-- Wooldridge & Bailey, 1982: 159, 161

-- Grin

-- DUSSART 1989: 9-, FIGS. 4, 5, RANGE - AFRICA



PSEUDODIAPLOMUS STUHLMANNI (POPPE + MRÁZEK) (2)

P. CHARTERI GRINDLEY, 1963: 381-384, FIG. 4a-j,

n.sp.

P. c., PILLAI 1970: 78

P. c., GRINDLEY + WOOLDRIDGE 1974: 204-211, FIGS.  
4, 8, 9

P. c., ROY 1977: 100, 103

P. c., CONNELL 1981: 499, FIG. 35; SYN. OF P. STUHLMANNI

P. c., RANGA REDDY + RADHAKRISHNA 1982: 255, 262

P. c., WALTER 1986: TABLE 1 (SYN. P. STUHLMANNI)

PSEUDODIAPTOMUS STUHLMANNI (POPPE & MRAZEK) (3)

P. CHARTERI, DUSSANT 1989: 11-12, FIG. 7, RANGE - AFRICA

P. S., ROY 1977: 100, 103

Centropagidae - Calanoida

Pseudodiaptomus tollingeri Sewell, ♀. (tollingeriae)

-- P. Uai, P.P. 1971, p. 164, 171.

-- -- Sewell, 1918, p. 2: pl. 10, fig. 8.

-- -- S. Wright, 1928. b. p. 588 - name only.

-- -- Sewell, 1924, p. 787: pl. 45, fig. 3

\_\_\_ \_\_\_ Sewell 1932, p. 241

Schmackeria \_\_\_, Marsh, 1933, pp. 48-49, pl. 23, fig. 2.

Habitat. Chilka Lake, India.

--, LAIV FERNANDO, 1978: 124, 125, 126, fig. 46-50

--, Madhupratap et al, 1975: passim

--, Madhupratap, ~~1975~~ 1979: passim

-- --, Brehm, V., 1953, p. 309, fig. 72-78;

--, Pillai, 1970, p. 78.

--, Bjornberg, 1963: 100 (table)

--, BREHM 1934: 93 - Key to species.

--, PILLAI 1980: 246 - Key to species, 250-251; Figs. 1 j, k.

-- RANGA REDDY + RADHAKRISHNA 1982: 255, 260,  
265-268, 270, PLATE IV, FIGS. 1-9; PLATE V, FIGS. 10-18

NOM. EMEND. TOLLINGERA

Centropagidae - Calanoida

Schmackeria tollingeri (Sewell) ♂♀.

Pseudodiaptomus — Sewell, 1919, p. 2: pl. 10, fig. 8.

Schmackeria — Marsh, 1933, p. 48: pl. 23, fig. 2.

Pseudodiaptomus, —, Brehm, 1954<sup>1953</sup>, pp. 309-12, fig. 72-78. Pondicherry Lagoon

Schmackeria —, Krishnaswamy, 1956, p. 454, ~~fig. 5~~, fig. 2-3.  
Madras coast (Coim, Adyar).

Habitat. India.

--, SHEN & TAI, 1964a: 229

SCHMACKERIA TOLLINGERAE, KRISHNASWAMY 1957d:

21, MADRAS, INDIA

①  
Pseudodiaptomus tollingerae Sewell, 1919; nom. emend.

Ranga Reddy & Radhakrishna, 1982.

--Ranga Reddy & Radhakrishna 1982: 255, 260, 265-268,  
270, Plate IV figs 1-9, Plate V figs 10-18 ♀♂;  
Sewell's name tollingeri amended to tollingerae.

-- RANGA REDDY 1980:165

— Walder, 1986 : table 1

— Shen & Tai, 1964a:229

— TOLLINGARAE, MADHUPRATAP & HARIDAS, 1986:111

— Sarkar, et, al., 1986:178

PSEUDODIAPATOMUS TOLLINGERAE SEWELL, 1919 CARD 2

-- WALTER 1994: 123 -

P. TOLLINGERI, ROY 1977: 100, 103

Pseudodiaptomus trihamatus Wright

- Wright 1937, p. 155, pl. I, f. 1, ♂, Luzon, P.I.
- [syn. Mazellina galleti ♀] Rose, 1957:  
235-240, figs 1-3.
- Walter, 1984: 380-383, fig. 5.
- GRINDLEY 1984: 221
- Walter, 1986: table 1
- TRIAHAMATUS, MEDEIROS ET AL. 1991: 113,  
POTENGI RIVER, NATAL, BRAZIL



Pseudodiaptomus trispinosus Walter

- Walter, 1986a: 142-144, fig. 6A-I
- Walter, 1986: table 1 (=p. sp. 1)

Pseudodiaptomus wrighti Johnson, 1964

①

-- -- Johnson, 1964. pp. 34-40, fig. 1-25

-- , Fleminger, 1967, p. 35

-- DUSSART 1984:63

-- GRINDLEY 1984:226

-- DO, ET AL. 1984:26-27.

— Walter, 1986: table 1

— Walter, 1989: 612-614, fig. 12A-H

Löffler, 1963: 208-209 fig. 9a [P. acutus var. leptopus]

Arcos, 1978: 50, tbl. 3 [P. galapagensis]

-- Bowman 1978b: 251, PACIFIC SIDE OF PANAMA CANAL ZONE

PSEUDODIAPTOMUS WRIGHTI JOHNSON, 1964

(2)

-- FLEMINGER + KRAMER 1988: 535

PSEUDODIAPTOMUS SP.

- SP. 1, BAYLY, 1965: 325, 327, 333, 337, 340, 344;

FIG. 9, 13

- SP. 2, BAYLY, 1965: 325, 328, 337, 340, 344; FIG. 9

- SP. 3, BAYLY, 1965: 327, 328, 337, 338, 339, 340, 344;

FIG. 9, 16

- SP. 4, BAYLY, 1965: 340

- - , Andronov & Maignet 1980: 71, 80, 84.

— sp. 1 Tate & Griffiths, 1983: 112

sp. 2 " " " "

Pseudodiaptomus sp. Yeatman 1976

-- Yeatman 1976: 202, 217, figs. 79-80, Jamaica = P. cokeri

— Kimmmerer, et al., 1985; table 3 Australia

Pseudodiaptomus spp.

-- Bayly 1963: 207, 210