

Canthocamptidae - Harpacticoida

<sup>in</sup>  
Cletocamptus valid

Schmankevitch, 1875. C. retrogressus <sup>(M)</sup>

Syn. Cletocamptus, Schmankevitch, 1875, p. 118.

Cletocamptus, Borutzky, 1927, p. 54.

Canthocamptus (pars) Daday, 1883

Mesochra (pars) Richard, 1889,

Wolterstorffia (pars) Schmeil, 1894,

Canthocamptus (pars) Lepeckine, 1900.

Marshia (pars) Sars, 1903,

Wolterstorffia (pars) van Douwe, 1905

*Wolterstorffia* (pars) Chappuis, 1923.

*Marshia* Herrick, 1895

*Godetella* Delachaux, 1918

*Regis* Habbe, 1927.

*Attheyella*

Cletocamptus Schmankevitsch, 1875

card 2

- Palmer, 1969, p. R202, fig. 77
- , *ACADEMIA SINICA*, 1979: 275
- REID + ESTEVES, 1984: 322
- BRESCIANI, 1986: 127, 131, 133, 135 - tegument
- BORUTZKY, 1960: 98; 149, KEY TO SOME SPP.; 162
- LEWIS, M. 1986: 117
- Por 1986: 423, transferred from Cletodidae to  
Canthocamptidae incertae sedis
- RAJENDRAN 1973: 141, DIAGNOSIS
- WILLIAMSON 1991: 812, 813

CLETOCAMPTUS SCHMANKEVITSCH, 1875 CARD 3

- FLECKER 1980: 29, TAB. 1, CHART OF SPECIES CHARS.

♀ VARIATION OF C. DEITERSI

Cletocamptus affinis Kiefer, 1957

-- s. str., Sterba, 1967, p. 333

nsp, Kiefer, 1957, p. 26, 29-33, figs. 8-20, EAST ANATOLIA

--, WELLS, 1979: 5

--, FLEGER, 1980: 30; TAB. 1

--, Sterba, 1968, p. 65-67, figs. 52-55

--, BORUTZKY 1960: 148, FIG. 65(3)

Cletocamptus affinis mongolicus Štěrba

---, Šterba, 1967, p. 300-302, figs. 169-185, p. 333

Cletodidae — Harpacticoida

Cletocamptus albuquerquensis (Herrick). ♂, ♀. ①

MARSHIA —, HERRICK 1895: 41-43, FIGS. 1-11

— — Chappuis, 1933, p. 399: figs. 9-11.

Marshallia — Herrick, 1895, p. 136: pl. 31: pl. 32, f. 1-5.

Cletocamptus —, J. E. Moore, 1952, p. 423. S. Saskatchewan.

— —, LANG, 1948, P. 1277-78, PL. 508.

--, COMITA, 1951: 376; TAB. I; 540: MARSHIA A.

Habitat, South America: New Mexico — RIO GRANDR.  
COLORADO, HAITI, NORTH DAKOTA. (DEVIL'S LAKE.)

--, Pallares, 1962, p. 241-244, figs. 1-17

--, BREHM 1959: 497-505: Figs 1-8: Tab 1

-- -- Brehm, 1965. p. 6, Argentina.

--, Alfred et al., 1973, p. 144, fig. 1  
1973

--, FLEEGER, 1980: 30; TAB. 1

--, BREHM 1954: 37-38, Figs. 1-8.

- Cole & Minckley, 1968

-- JE. MOORE 1952: 423-445 (= MARSHIA ALBUQUERQUENSIS)

-- FRAY 1964: 58

MARSHIA -, WECKER 1914: 201

-- RAWSON + MOORE 1944: 174-175, SALINE LAKES,

SASKATCHEWAN

- RAJENDRAN 192-, FIG. 1, INDIA



Cletocamptus albuquerquensis (Herrick, 1895) card 2

-- Reid 1990g:196, *SYNONYMY*

MARSHIA -, MARSH 1918: 780

MARSHIA -, WILLEY 1925: 206

C. -, HAMMER 1983: 111-<sup>TAB. 2</sup>, ALBERTA/SASKATCHEWAN, CANADA

C. -, HEDGPETH 1959: 133, SASKATCHEWAN, CANADA

Cletodidae-Harpacticoida

Cletocamptus bermudae Willey, ♀.

— — Willey, 1932, p. 100: figs. 48-56.

--, Kiefer, 1957, p. 32

Habitat, Bermuda.

= CLETOCAMPTUS Canthocamptidae-Harpacticoida  
Wolterstorffia blanchardi (Richard), ♂, ♀.

Mesochra Richard, 1889, p. 317: 9 text-figs

wolterstorffia Douwe, 1909, p. 64: figs. 285-289, text.

W-♂- Douwe, 1905, p.

Cletocamptus retrogressus, Schmankevitich, 1875, p. 111

--, Pesta, 1932, p. 147

Habitat. Fresh water, Germany.

--, Behning, 1926, p. 46

See Borutzky, 1927.

--, Schiklejew 1931: 147; Figs. 5-6.

W. b., BREHM 1908a: 451-

MARSHIA -, SARS, 1903: 219, PL. 16, FIGS. 1, a-l; 247-

RECORDS - CENTRAL ASIA

MESOCHRA -, BLANCHARD + RICHARD 1891: 520, 7 FIGS.

MESOCHRA -, FORRÓ 1986: 559

W. b., LABBÉ 1927e: 437

CHETOCAMPTUS BICOLOR (WILSON)

--, HANG, 1948, P. 1283-84, Pl. 51a.

C. cfr. b., Herbst, 1960. p. 53, fig. 71-75

--, Kiefer, 1957, p. 32

HAB: WOODS HOLE, MASS.

--, Coffin, 1978-79, p. 593

-- DUSSART 1984: 67

-- DEL RÍO + VALDIVIA 1989: 73

-- BRICKMAN 1972: 136, NEW JERSEY

Cletodidae - Harpacticoida

Cletocamptus brehmi Kiefer ♂

— — Kiefer, 1934, p. 143 : figs. 7 - 12  
-- , Kiefer, 1957, p. 32

Habitat. Central America

= CLEYOCAMPTUS

Canthocamptidae-Harpacticoida

Marshia brevicaudata Herrick, ♂. ♀.

-- Herrick, 1895: 43-44, fig. 12-15

-- Herrick, 1895, p. 137; pl. 32, f. 6-13.

-- Marsh, 1918, p. 780.

-- Wilson, 1932, p. 235: fig. 157

-- , LANG, 1948, p. 1284, Pl. 513.

-- WECKEL 1914: 201

Habitat. Minnesota, Rio Grand R. N. MEX.

WOODS HOLE, MASS.

-- GERLACH 1958: 670-, TAB. 6, CANANÉIA, SÃO PAULO, BRAZIL

M. -, JAKOBI 1956: 168-169, FIG. 8, S. PAULO, PARANÁ, BRAZIL

CLETOCAMPTUS

Canthocamptidae - Harpacticoida

Wolterstorffia confluens Schmeil, ♂, ♀.

— — Schmeil, 1894, p. 350:

— — Douwe, 1909, p. 63: figs. 276-284, text.

— — Klic, 1925, p. 131:

— —, Pesta, 1932, p. 146

Habitat. Freshwater, Germany.



--, Dolzonolskaya, 1970, p. 101, a syn. of Cletocamptus c.

Cletodidae - Harpacticoida

Cletocamptus confluens (Schmeil) ♀♂.

— — Gurney, 1927f, p. 563: fig. 164. A-O: fig. 165, A-D

— — Borutzky, 1931, p. 88: fig. 25.

-- --, Chappuis 1954, pp. 222, Iran

— —, Noodt, 1956, p. 60,

Habitat. Brine pools: Suez Canal, Egypt.

— —, LANG, 1948, p. 1278-79, PL. 509.

— —, Borutzky, 1952, p. 382, F. 107, 13. USSR.

-- --, Petkovski, 1964. pp. 154-156, fig. 17-23

--. DRZYCIMSKI, 1975: TAB. 1

- , Sterba, 1967, p. 333
- , Pesta, 1932, p. 146, fig. 78
- , Dolzonolskaya, 1970, p. 101, pl. XXXI, fig. 1,  
syn.: Wolterstorffia confluens
- , FLEEGER, 1980: TAB. 1
- , WELLS, 1973: 133, 134, 135, 137-139
- , Tiefer, 1978, passim
- KONDALARAO 1984: 82.
- Dussart, 1982: 126, pl. 38A
- Michailova - Neikova, 1968: 219
- , BORUTZKY 1960: 148, FIG. 65(2)

CLETOCAMPTUS CONFLUENS (SCHMEIL, 1894) GARDNER

-- WELLS + MCKENZIE 1973: 133, 134, 135 - ALDABRA,  
137-139; subspecies MERIDIONALIS possibly not  
valid.

-- KIEFFER 1949: 64, 66, 67, 86-94, FIGS. 42-64, SIWA OASIS,  
LIBYA; GIVES SYNONYMY; C. C. MERIDIONALIS NOT VALID;  
SYNS. WOLTERSTORFFIA CONFLUENS VAR. CYRENAICA BREHM,  
REGIS SERVUS LABBÉ

— Kieffer, 1978: 223

-- RAIBAUT 1967: 558-, LANGUEDOC COAST

Cletocamptus confluens (Schmeil, 1894)

card 4

-- Carli & Crisafi 1983: 114, Pl. 26 fig. 2, Italy

-- ARLT 1988: 302-, SOUTH WEST BALTIC

WOLTERSTORFFIA -, BREHM 1908a: 451-

-- LÖFFLER 1961c: 393

-- VOROB'YEVA & KUKANOV 1990: 14-, SEA OF AZOV

-- Willey, 1925: 206

-- POR 1973: 91-, SINAI, MEDITERRANEAN

-- LANG 1948: 1278, FIG. 509, SYN. REGIS SERVUS,

NEW SYNONYMY

Cletocamptus confluens (Schmeil, 1894)

card 5

Regis servus, Labbe 1927: 183, figs. 94-107, 132-146

-- Kiefer 1949: 86, synonym Regis servus. FRENCH COAST

C.c., POR 1962: 36, BLACK SEA

C.c., JANETZKY ET AL. 1996: 20

Cletocamptus confluens var. cyrenaica Brehm, 1908

Wolterstorffia --, Kiefer 1949:86-87, syn. of C. confluens

Cletocamptus confluens meridionalis Kiefer ♀

- — Kiefer, 1934, p. 142: figs. 1-6
- — Kiefer, 1934, p. 179: figs. 147-155.
- — Kiefer, 1929, p. 325: figs. 18-19.
- —, LANG, 1948, p. 1279, pl. 509.
- —, WELLS, 1973: 137

Habitat. So. W. Australia.

- — KIEFER 1949: 86-87, 2 sp. probably not valid; 91-94.
- — WELLS + MCKENZIE 1973: 137-139, subspecies possibly not valid.



Cletocamptus deitersi (Richard, 1897)

card 1

Mesochra Deitersi, Richard 1897: 268, figs. 5-11,  
n. sp.

Godetella dadayi, Delachaux 1917: 331, 335

Mesochra deitersi, Brian 1925: 193

Godetella deitersi, Ringuelet 1959: 317

Mesochra deitersi, Forró 1986: 559

Clelodidae - Harpacticoida

Cletocamptus deitersi (Richard). ♂♀.

CARD 2

Cletocamptus — Chappuis, 1934, p. 635: figs. 7-10 (Oahu, <sup>Hawaii</sup>)

— —, LANG, 1948, p. 1280, Pl. 510.

-- --, Herbst, 1960. pp. 50-52, fig. 63-70

-- --, Yeatman, 1963. pp. 201-204, fig. 12-26 (WOODS HOLE, MASS. (Synonyms)<sup>1</sup>)

Habitat. Hawaii, WEST INDIES, BERMUDA, S. AMERICA.

Massachusetts, Texas

--, SHENYTAI, 1973: 367

--, DUSSART 1974: 111-113. Fig. 12. ET 41011

-- -- Brehm, 1965, p. 7, Argentina.

--, Yeatman, 1960, p. 308, ~~Attheyella~~ Attheyella bicolor is

a syn.

--, Hamond, 1974, p. 239.

--, Kiefer, 1957, p. 32

AUSTRALIA

--, HAMOND, 1973: 394, 414-415 ♀; FIGS. 66-81; TAB. 2; A

--, FLEEGER 1980: 25, 30, 31; TAB. 1, 2; SYN. C. GABRIELI;  
LOUISIANA, ? IRAN

--, ACADEMIA SINICA, 1979: 275, 278-279; FIG. 156; SYN.

MESOCHRA D.; CODETELLA DADAYI; GODETELLA

DEITERSI; CLETOCAMPUS BERMUDAEE; C. BREHMI

--, Coffin, 1978-79, 593, NEW HAMPSHIRE

CLETOCAMPTUS DEITERSI (RICHARD)

CARD 3

- DUSSART 1984: 67
- , REID + ESTEVES, 1984: 310, 313, 315, 320, 322, RIO DE JANEIRO, BRAZIL
- RANGA REDDY + RADHAKRISHNA ~~1979~~, 1979: 45,
- RANGA REDDY 1980: 165.
- CHANDLER + FLEEGER 1984: 15.
- Fleeger, 1985: 327
- Decho, 1988: 263- tab 1 Louisiana
- LÖFKLER 1961c: 390
- GODETELLA -, HARDING 1955: 219, 238-239, BOLIVIAN ANDES

Cletocamptus deitersi (Richard, 1897)

card 4

Godetella -, Del Rio & Valdivia 1989: 73

-- Decho + Fleeger, 1988b: 234 Louisiana

-- DEFAYE + DUSSART 1988(89): 110, 113, 123, FRENCH GUIANA

-- SUN + FLEEGER 1991: 3-, LOUISIANA

-- REID 1990g: 196, SYNONYMY

-- REID 1992a: 229, 231, 232, FLORIDA EVERGLADES

GODETELLA -, RINGUELET 1958: 109-110, ARGENTINA

-- DEFAYE 1988: 105-, TAB. 1, ETHIOPIA; FIGS. 168-172

-- POR 1984b: 70

CLETOCAMPTUS DEITERSI (RICHARD, 1897)

CARD 5

-- APOSTOLOV 1984: 7-10, FIGS. 1, 2, CUBA, AQUARIUM;  
VARIATIONS

-- PACE & CARMAN 1996: 78-85, COCODRIE, LOUISIANA, USA

GODETELLA -, N. COMB. FOR MESOCHRA D., CHAPPUIS  
1924: 101, 103, FIG. 5; SYNONYM GODETELLA DADAYI  
DELACHAUX, NEW SYN.

GODETELLA DADAYI, DELACHAUX 1918: 331

MESOCHRA -, JAKOBI 1956: 168-169

- CARMAN ET AL. 1997: 561-569, LOUISIANA COAST, U.S.A.

Cletocamptus deitersi ecuadorianus

-- Dussart 1984: 6777

Cletodidae - Harpacticoida

Cletocamptus dominicanus Kiefer ♂♀.

— — Kiefer, 1934, p. 232: figs. 13-16.

Habitat, Hayti.



CLETOCAMPTUS FEEI (SHEN, 1956)

BRYOCAMPTUS FEEI, SHEN 1956: 2, 10-11, 16, PL. IV  
(40-44), N.SP.

SINOCAMPTUS -, N.COMB., SHEN + SUNG 1963: 91, 95,  
TYPE OF SINOCAMPTUS N.G.

CLETOCAMPTUS -, N.COMB., LANG 1965: 422, 424

C. -, SHEN + TAI 1973: 367

C. -, ACADEMIA SINICA 1979: 275, 279-282, FIG. 187;  
SYN. CA. AFFINIS MONGOLICUS.

C. -, FLEEGER 1980: TAB. 1

Cletocamptus gabrieli Löffler, 1961

-- Löffler 1961c: 388-390, figs. 22, 23, n. sp. ♀ only;  
Iran

-- FLEGER 1980: 31, CONSIDERS THIS A JUNIOR SYNONYM  
OF C. DEITERSI.

CLETOCAMPTUS GRAVHIATUS (SHEN & SUNG 1963)

-- SHEN & SUNG, 1963: 89-92; FIG. 45-57

--, FLEEBER, 1990: TAB 1

--, SHEN & TAI, 1973: 367

--, ACADEMIA SINICA, 1979: 275, 281-283; FIG. 158

SINOCAMPTUS -, SHEN & SUNG 1965 d: 305, 307, TIBET

CLETOCAMPTUS -, DUSSART & DEFAYE 1990: 271

CLETOCAMPTUS HELOBIUS FLEEGER, 1980

-- FLEEGER, 1980: 25-31 ♀♂; FIGS. 1-17; TAB. 1

— Fleeger, 1985: 327

CHETOCAMPTUS KUMMLERI (DELACHAUX) 1918

— —, HANG, 1948, P. 1282, PL. 511:1

--, KIEFER, 1957, p. 32

--, FLEEGER, 1980: TAB. 1

HAB: PERU, LAKE TITICACA, ARGENTINA.

- KUMMLERI, DEL RÍO + VALDIVIA 1989: 73

Cletocampus kumleri

--, Jakobi, 1959, p. 278

Cletocamptus meridionalis confluens

— Hutchinson, et al, 1932: 74, passim

Cletodidae - Harpacticoida

Cletocamptus retrogressus Schmankevitich.

— — Schmankevitich, 1875, p. 111: pls. 2, 3, 4.

*Canthocamptus brevicornis*, Daday, 1883, p.

*Mesochra blanchardi*, Richard, 1889, p. 317: 9 figs.

*Wolterstorffia blanchardi*, Schmeil, 1894, p. 350

*Canthocamptus ophiocamptoides*, Lepeckine, 1900.

*Marshia blanchardi* G.O. Sars, 1903, p. 219: pl. 16.

*Wolterstorffia blanchardi*, van Douve, 1905, p.

*Wolterstorffia brevicornis*, Chappuis, 1923, p.

*Cletocamptus retrogressus*, Borutzky, 1927, p. 54.



- — Gurney, 1927f, p. 563.
- — Borutzky, 1931, p. 90 : fig. 26.
- — Kiefer, 1952 (Algeria cop.), p. 96-98, fig. 35-39.
- — , BORUTZKY, 1952, P. 380, F. 106, 107, 1-12. USSR
- — , LANG, 1948, P. 1275-76. Pl. 507.
- — , Dussart, in Aguesse + Dussart, 1957, p. 496. Fig. 7. Camargue, France.
- — , Champeau, 1967, 248-51.

Habitat. Suez Canal; RUSSIA URALS, MEDITERRANEAN,

TUNISIA, EGYPT.

- — , Dussart 1967: 93
- — , Bernard, 1970, p. 164

Cletocamptus retrogressus (Schmank.)

2

- , Palmer, 1969, p. R202
- , Aguesse & Dussart, 1957, p. 482, Fig. 1, 196
- , BELK & COLE, 1975: 213, 217
- , COLE 1968: 469.
- , CHAMPEAU 1971: 152, 154, 155, 159-161; Figs. 3, 6, 7.
- , Boxshall, 1982, p. 159
- Marcus, 1976: 214, tab. 1
- Michailova-Neikova 1968: 219
- Damian-Georgescu, 1970: 211-214, fig. 98-99
- Alonso & Comelles, 1984: 1701

→ Kiefer, 1978:223

Cletocamptus retrogressus Schrankewitsch, 1875

--, Sterba, 1967, p. 333

--, Pesta, 1932, p. 147-8, fig. 79

--, Dolzonolskaya, 1970, p. 100, pl. XXX, fig. 5,  
syn.: Canthocamptus brevicornis

--, Kiefer, 1957, p. 32

--, FLEEBER, 1980: TAB. 1

--, ROSENFELD & COULL, 1974: TAB. 6

--, SHEN & TAI, 1973: 367

--, ACADEMIA SINICA, 1979: 275-278; FIG. 154, 155; 540:  
MESOCYRA BLANCHARDI; WOLTERSTORFFIS B.; W.  
BREVICORNIS

- , DUMONT & DEGRAEMER, 1977: 259, 275; FIG. 11
- , BRESCIANI, 1986: 126, 127, tegument
- , BORUTZKY 1960: 148, FIG. 65 (1); p. 163, FIG. 75 (7)
- BOURQUET 1986a: 66-76, FIGS. 1-7, DEVELOPMENT
- BOURQUET 1986b: 113-122, FIGS. 1-8, DEVELOPMENT
- RAIBAUT 1966: 416-418
- RAIBAUT 1967: 563-, THAU BASIN, FRANCE
- CANTHOCAMPTUS BREVICORNIS, FORRÓ 1986: 559

Cletocamptus retrogressus

card 4

- Bresciani, 1988: 542

- LÖFFLER 1956: 253-, FIG. 20, IRAN
- LÖFFLER 1961c: 392-, IRAN
- BOXSHALL 1992: 349-,
- ALEKSEEV 1990b: 45-, DIAPAUSE
- BRESCIANI + DAHMS 1994: 137, 138
- CHAMPEAU 1966: 1289-, RESTING STAGES, S. FRANCE
- CHAMPEAU + FRANCEZON 1991: 389-393, DORMANCY,  
S. FRANCE
- HEDGPETH 1959: 133, ALGERIA

CLPTOCAMPTUS RETROGRESSUS

-- JANETZKY ET AL. 1996: 20

(5)

Cletocamptus trichotus Kieffer ♂, ♀

— — Kieffer, 1929, p. 21 : figs. 1 - 4  
 — — Kieffer, 1934, p. 179: figs. 156 - 167  
 — —, LANG, 1948, p. 1283, Pl. 511:2.  
 --, Kieffer, 1957, p. 32  
 --, Kunz & Kunz, 1973, p. 50 (tbl. 2), 51-53, 56, 59, 62  
 --, FLEETTER, 1980: TAB. 1

Habitat. South Africa, CAPE FLATS.

— Hutchinson, et al, 1932: 67 passim



Cletocamptus xenuus Por - see Dahlakia

CLETOCAMPTUS sp.

-- GERLACH 1958: 670, - TAB. 6, CANANÉIA, SÃO PAULO, BRAZIL