

Diaptomidae - Calanoida.

Lovénula = Synonym -

Giesbrecht & Schmeil, 1898

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

A synonym of Paradiaptomus Sars, 1895

Lovénula Giesb. & Schmeil, 1898, p. 105.

Broteas Lovén, 1845, p. 436.

Lovenula Gurney, 1904, p. 300.

Lovenula Kiefer, 1932, p. 461:

-Damian-Georgescu, 196: 43

LOVENULA

CARD 2

- STELLA 1984: 33

- GAUTHIER 1951: 99-100

PARADIPTOMUS (LOVENULA), DUSSART 1989: 16, 32-33,

KEY TO AFRICAN SPECIES

- RAYNER 1992: 297-332, REVISION, KEY; REMOVED PARADIPTOMUS ALLUAUDI + P. NATALENSIS; RETAINS LOVENULA AS GENUS, TYPE SPECIES L. FALCIFERA.

- KIEFER 1978c: 74, DIAGNOSIS

- DORUTZKY ET AL. 1991: 149-150, DIAGNOSIS

= LOUKMUTA

DIAPTOMIDAE - CALANOIDA

Paradiaptomus africanus Daday.

— — Daday, 1910,

— biramata, Lowndes, 1930, p. 163: pl. 1, f. 1-7; pl. 3, f. 1-8

— africanus, Lowndes, 1936, p. 6: fig. 1, A-H; fig. 2 A-B.

— —, Harding 1942, p. 180, L. Rukwa, Africa

Habitat. Abyssinia.

PARADIAPATOMUS (L.) AFRICANA, DUSSART 1989: 37-

FIG. 23A, RANGE - AFRICA

Lovenula africana Daday ♂♀

2

Paradiaptomus biramata Lowndes, 1930,

Lovenula africana Daday, 1910

— — Kiefer, 1934, p. 119: figs. 19-23.

— — Kiefer, 1932, p. 486: figs. 15-17.

-- GAUTHIER 1951: 100

Habitat, East Africa —

-- RAYNER 1992: 297-, FIG. 7, LAKE RUKWA (EAST AFRICA),  
ETHIOPIA, BOTSWANA; REDESCRIPTION & SYNONYMY.

P. (L.) —, DEFAYE 1988: 104-, TAB. 1, ETHIOPIA; FIGS. 8-12

Lovenula alluaudi (Guerne & Richard) - see

Paradiaptomus

Lovenula barnardi - see L. falcifera

= LOUENUKA AFRICANA

Diaptomidae - Calanoida

Paradiaptomus biramata Lowndes, 1930. ♂♀.

syn. P. africanus

— — Lowndes, 1930, p. 163: pl. 1. f. 1-7: pl. 3. f. 1-8.

P. africanus, Lowndes, p. 6: fig 1 a-h; fig. 2 a-b. (1936)

Habitat Abyssinia.

Diaptomidae - Calanoida

Lovenula excellens (Kiefer) ♀♂ ①

- — Kiefer, 1929, p. 309: figs. 1-3
- — Kiefer, 1934, p. 116: figs. 15-18.
- — Kiefer, 1932, p. 487: figs. 12-14.
- Hutchinson, 1932: 32 passim., + pl. 4.
- HART 1984: 1603, LAKE LE ROUX

Habitat. South Africa

- HUTCHINSON 1953: 572-
- GAUTHIER 1951: 100

PARADIAPATOMUS (L) - TUSSAET 1989: 38-39 FIG 214 RANGE 050



Lovenula excellens Kiefer, 1929

card 2

-- Rayner 1992: 297-, Fig. 8, Lake Chrissie & Vaal

River, South Africa; synonymy; SYN. BROTAS

FALCIFER OF METHUEN, 1910, NEW SYNONYMY.

-- HAMER ET AL. 1996: 92

Paradiaptomus galcifer (Lovén) ♀

Broteas f. - Lovén, 1846, p. 436: pl. 6.

Paradiaptomus f. - Sars, 1895, p. 45

— — Brady, 1913, p. 468: pl. 35, figs. 7-10.

— — Sars, 1907, p. 3.

- Ruhe, 1914: 29-32, fig. 10

Habitat. Fresh-water pools.

Harrismith.

So. Africa.

*Broteas falcifer* de L'Herminier  
— — Sars, 1899, pp. 3. 22: pl. 4. -43. text

*Loxénula falcifera* Giesbrecht & Schmeil, 1898, p. 105, f. 25.

*Paradiaptomus falcifer* Stebbing, 1910, p. 532.

— — Douwe, 1912, p. 2: pl. 1, figs. 1-5.

Droeleas falcifer Lovén, ♀, Calanoida, 2

- — Lovén, 1845, p. 436: pl. 6. [p. 66: f. 41-3]
- — De Guerne & Richard, 1889, pl. 18: tablen
- — Herrick, 1895, p. 80: pl. 10, f. 16.
- — Sars, 1899, p. 3, 22: pl. 4.

A synonym of Paradiaptomus falcifer  
(Sars, 1895, p. 45).

A synonym of Lovenula falcifera  
(Kiefer, 1934, p. 123).

Temoridae - Calanoida.

Lovénula falcifera (Lovén), ♀. 3

Broteas — Lovén, 1845, p. 436: pl. 6. f. 1-16.

Lovénula — Giesb. & Schmeil, 1898, p. 105: text-f. 25.

A synonym of Paradiaptomus falcifer,  
(Stebbing, 1910, p. 532).

— Hutchinsonson et al, 1932: 17, 22, passim, t. 4

Habitat. Port Natal.

-- GAUTHIER 1951: 100

— G.O. Sars, 1927, p. 86; pl. 5, 6; figs. 1-5

— Kiefer, 1934, p. 110; figs. 1-8

*Broteas falcifer* Methuen, 1910

*Diaptomus bouvieri*, Daclay, 1910

*Paradiaptomus falcifer* van Dorwe, 1912

— Brady, 1913.

*Lovenula barnardi*, Sars, 1927, p. 92; figs. 6-9,

— *falcifera*, Kiefer, 1932, p. 486;

— Marsh, 1931, pp. 400-05, Figs. 1 ..

— HUTCHINSON 1953: 572 -

PARADIAPTOMUS (L.) - , DUSSART 1989: 33-34, FIG 20,

RANGE - AFRICA

L. - , RAYNER 1992: 297 - ,  
SOUTHERN AFRICA; TYPE OF

FIGS. 4-6, NEW RECORDS,  
LOVENULA (CONSERVED AS GENUS)

Lovenula falcifera (Loven, 1845)

card 4

Lovenula mea, Gurney 1904: 300-, pl. 18 figs. 7-13  
(partial synonym; see Rayner, 1992: 309)

Paradiaptomus meus, Stebbing 1910: 533 (partial  
synonym; see Rayner 1992: 309)

PARA-  
Diaptomus gurneyi, part., new synonym, Rayner 1992:309

PARADIAPATOMUS FURCATA BREHM, 1958:

P. (L.) FURCATA, DUSSART 1989:39-40, FIG. 2YC, RANGE-AFRICA

LOVENULA FURCATA, NEW SYNONYMY, RAYNER 1992:309

Lovenula falcifera (Loven, 1845)

card 5

Paradiaptomus (L.) -, Defaye 1988: 104-, Tab. 1, Ethiopia

F16-5.13-16



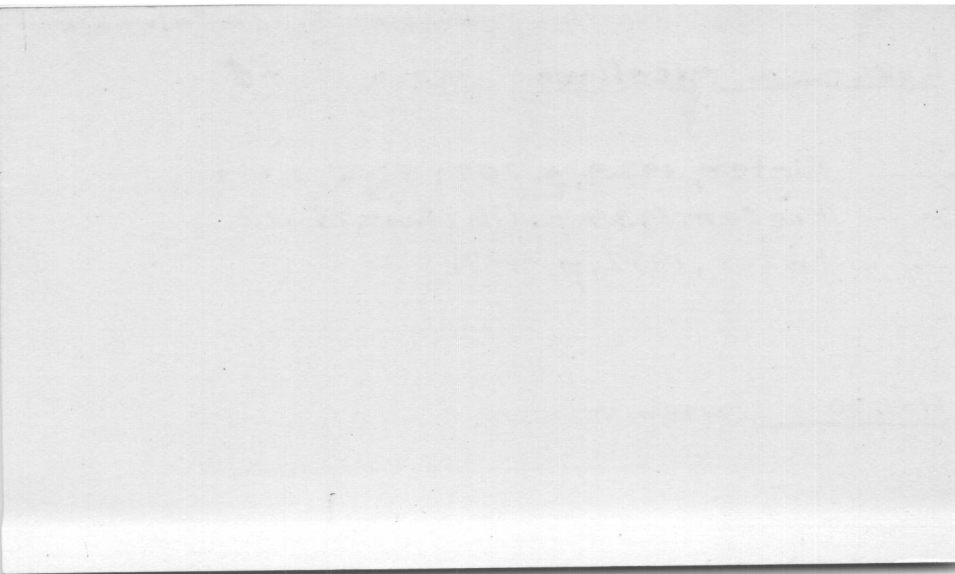
Lovenula barnardi G.O. Sars ♀, ♂

— — G.O. Sars, 1927; p. 92; pl. 6; figs. 6-9.  
Kiefer, 1934, p. 123 = synonym of L. falcifera.

— GAUTHIER 1951: 100

— RAYNER 1992: 309, SYN. OF L. FALCIFERA

Habitat. Ovamboland, So. W. Africa.



Diaptomus bouvieri Daday

Diaptomidae-Calanoida

\_\_\_\_\_ Daday 1910, p. 187, pl. 5, fig. 1-11 ♂  
Orange

D. b. FORRÓ 1986: 560

D. b., RAYNER 1992: 309, SYNONYM OF LOVENUKLA FALCIFERA

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Lovenula furcata Brehm - see L. falcifera

= LOUENULA

Diaptomidae - Calanoida

Paradiaptomus greeni Gurney, ♂♀. /

— — Gurney, 1907,

— *similis*, van Douwe, 1912,

— *greeni*, Kiefer, 1934, p. 127: figs. 33-35.

— — Kiefer, 1932, p. 488: fig. 23,

-- --, Brehm, V., 1953, fig. 60-64; pp. 298;

Habitat, South Africa.

--, Kiefer, 1958, p. 159

--, Kiefer, 1958, p. 113- , fig. 6-14

- , Alfred et al., 1973, p. 121, fig. 6
- , ACADEMIA SINICA, 1979: 23, 80-81; FIG. 35
- , Fernando, 1980: tbl. 1
- BREHM 1955c: 262
- RANGA REDDY 1985: 305, INDIA
- Dussart, 1982: 27-29, pl. 3 A
- Dussart & Fernando, 1985: 231-232, fig. 1-7
- BORUTZKY, 1960: 15, IN KEY; FIG. 5(3) 6<sup>17</sup>
- DUMONT & VERHEYE 1984: 319
- GAUTHIER 1951: 99 -

= LOUENUKA

Paradiaptomus greeni (Gurney, 1906)

card 2

-- Rama Devi & Ranga Reddy 1989a:141-161, figs. 1-80,  
Nagarjunanagar, India; development

-- RAMA DEVI & RANGA REDDY 1990: 75

-- RANGA REDDY & RAMA DEVI 1989: 132

P. (L.)-, DUSSART 1989: 35-, FIG. 21, RANGE - AFRICA

P. -, RAJENDRAN 1973: 171 -, FIG. 6, INDIA

P. -, RADHAKRISHNA & RANGA REDDY 1976a: 66, -  
RIVER KRISHNA, INDIA

LOVENULA GREENI GURNEY, 1906

3

-- FORRÓ 1986: 561

PARADIATOMUS -, KIEFER 1978c: 76, Pl. 12B, <sup>DISTRIBUTION</sup> ~~EUROPE~~

P. -, BORUTZKY ET AL. 1991: 153, FIG. 59, DIST. - USSR

P. -, FERRARI 1993b: 766, TAB. 1



Diaptomidae - Calanoida

Lóvénula mea Gurney, ♂♀,

— — Gurney, 1905, p. 300: pl. 18, figs. 7-13.

a synonym of falcifera Kiefer, 1934, p. 115

- - RAYNER 1992: 309, PARTIAL SYNONYM OF FALCIFERA

Habitat. South Africa -

Lovenula natalensis (Cooper) - see Paradiaptomus

Diaptomidae - Calanoida

Lovenula simplex

(Kiefer) ♀, ♂ ①

— — Kiefer, 1929, p. 309:

*Broteas falcifer* Sars, 1899.

*Lovenula simplex*, Kiefer, 1934, p. 116: figs. 9-14.

— — Kiefer, 1932, p. 487: figs. 9-11.

-- GAUTHIER 1951: 100

Habitat. South Africa

PARADIAPTOMUS (L.) -, DUSSART 1989: 38-39, FIG. 23B,

RANGE - AFRICA

Lovenula simplex Kiefer, 1929

card 2

-- Rayner 1992: 297-, Fig. 9, many records, South  
Africa; synonymy

-- HAMER ET AL. 1996: 92

Diaptomidae - Calanoida

Lorénula stolzmani, Grochmalicki, ♂♀

— — Grochmalicki, 1913, p. 525: pl. 53, fig. 4.

Habitat, East Africa -