

Dinematura,

Caligoida  
siphonostomatoida: Caligidae.

Burmeister, 1832

D. producta.

Syn. Dinematura, Burmeister, 1833 p. 284.

Dinematura, Wilson, 1907, p. 374.

Species of this genus were described by Müller (1785) as Caligas; by Johnston (1835) as Pandanus; by Milne-Edwards (1840) as Dinemoura.

Carapace rounded, deeply excavated posteriorly.  
Frontal plates distinct - 1<sup>st</sup> antennae 2-jointed -  
Rostrum long - 2<sup>nd</sup> mx. small, simple. 2<sup>nd</sup> maxpd.  
large, nodose. First thorax seg't only joined with  
the head; second free, with a pair of small  
lateral lobes; third somewhat rectangular, also  
with a pair of lateral lobes, - fourth with 2  
large dorsal plates - Genital segment oblong,  
winged, produced posteriorly into two short lobes  
and a small median process, partially covered  
by 2 narrow plates - Abdomen elongated, with  
lateral processes and 2 large anal laminae -  
all the swimming legs biramous - 1<sup>st</sup> rami 2-jointed;  
2<sup>nd</sup> + 3<sup>rd</sup> 3-jointed; 4<sup>th</sup> pair changed into lamellar  
processes, -

Dinematura Burmeister, 1832

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- Lüling 1953: 14--

Dinematura affinis Thomsen, 1949, pp. 14-17, pl. 5,  
fig. 1-12. Host: Cetorhinus maximus Gunner in  
mouth. Uruguay.

Dinematura affinis, Shiino, 1957 (Rept. Fac. Fish. Univ. Mie <sup>3</sup>2<sub>3</sub>):  
365-369, fig 3A-J, 4A-I. On Lamna ditropis Hubbs + Follett,  
dorsal, vent., lat. sides of body + pelvic fins. Market, Kesenuma,  
Miyagi Prefecture, Japan.

Dinematura braccata Dana ♀.

— — Dana, 1852, <sup>3</sup>p. 1370: pl. 95, f. 4; <sup>(a-b, m-p)</sup>1849, p. 60

A synonym of Eichthrogaleus coleoptratus.  
(Steenstrup & Lütken, 1861, p. 380).

A distinct species, Wilson, 1907, p. 366  
Eichthrogaleus braccatus, g. v.

Dinematura carcharodonti Thomson, ♀. Caligoida.

— Thomson, 1889, p. 360: pl. 26, fig. 2, a-d.

A synonym of Dinematura serox.  
(Bassett-Smith, 1899, p. 463).

Caligidae. Caligoida.

Dinematura coleoptrata Guérin, ♂. ♀,

— — Guérin, 1817, vol. 3: pl. 35, f. 6.

A synonym of Echthrogaleus coleoptratus.  
(Steenstrup & Lütken, 1861, p. 380).

<sup>Dinemoura</sup>  
Dinemoura ferox, Kr. ♀. Caligidae.

Dinemoura ferox. Kröyer, 1838, p. 40, pl. I, fig. 5.

Dinemoura " , M-Edwards, 1840, p. 465. [fig. 14]

Dinemoura " , Sp & Ltk, 1861, p. 376, 377, 379, pl. VII,

~~Hogagus grandis, ♂. " " " , p. 389, pl. X, fig. 19.~~

Dinemoura ferox, Olsson, 1869, p. 17. (on Scymnum boreale)

" , Loutken, 1875, p. 162.

Host. Greenland Shark (Miers): Scymnum boreale

(Olsson); Carcharodon rondelietii (Stossich):

Scymnus microcephalus (B-Smith), Faroes: (over)



*Dinematura ferox*, Miers, 1880, p. 71 (on Greenland shark)

" " , Stossich, 1880, p. 257.

*Dinematura carcharodontae*, Thompson, 1889, p. 360, pl.  
xxvi, fig. 2.

*Dinematura ferox*, B-Smith, 1899, p. 463.

— —, Stephensen, 1913, p. 346; 1929, p. 12.

— — Wilson, 1907, p. 376, 377; pl. 22,

— — Wilson, 1920, p. 12 L.

— — Hansen, 1923, p. 33; pl. 3, fig. 5, a-g-

— —, Cressey, 1967, p. 41.

— —, Stephensen, 1940, p. 5

Dinematura gracilis. Burmeister. ♂.

- —, Burmeister, 1833, p. 284, pl XXIII, figs. 7, 12.  
 — — Wilson, 1907, p. 452.

Host: Squalus acanthias.

North Sea.

P. J. van Beneden states (1892, p. 220) that Burmeister's two forms, Dinematura gracilis and Pandarus carchariae, are ♂ and ♀ of the same species, which is correct.

But Beneden's figure (pl. I, fig. 1) and Burmeister's (pl. xxiii, fig. 1) are certainly different species. Beneden's is the ♂ of Pandarus cranchii, and this would prove that

P. cranchii + P. carchariae are not synonyms as B. Smith would have us believe.

Dinematura hamiltoni. Thomson. ♀. ♂. Caligidæ.

— — . Thomson - 1889. p. 357. pl. XXV. fig. 1a-j.

— — . B. Smitk. 1899. p. 463.

— — . Wilson, 1907, p. 375, 376.

Host. "Shark". New Zealand.

Caligidae. Caligoida.

Dinematura indistincta Krøyer, ♀.

— — Krøyer, 1863, p. 183.

— — Wilson, 1907, p. 364; 376.

A synonym of Echthrogalearis indistinctus.  
(B. Smith, 1899, p. 464).

Caligidae. Caligoida.

Dinematura lamnae (Johnston), ♀

Pandarus — Johnston, 1835, p. 203: text-fig. 22.

Dinematura — Krøyer, 1863, p. 179.

— — Olsson, 1869, p. 17.

— — Timm, 1894, p. 397.

A synonym for Dinematura producta,  
(Wilson, 1907, p. 376).

Pandaridae

Dinematura latifolia Steenstrup & Lütken, 1861

[References using Dinemoura not indicated]

D. latifolia Steenstrup & Lütken, 1861, p. 378,  
pl. 8, fig. 16; Heller, 1865, p. 199;  
Richiardi, 1880, p. 3; Stossick, 1880, p. 257;  
Valle, 1880, p. 60; Carus, 1885, p. 360;  
Brian, 1898, p. 14, pl. 2, fig. 10; Brian, 1899,  
p. 200; Bassett-Smith, 1899, p. 463; Brian,  
1902, p. 44; Brian, 1906, p. 52; Wilson,  
1907, p. 383, pls. 24-25; Williams, 1907,  
p. 70; Fowler, 1912, p. 479; Wilson, 1923,  
p. 6, pl. 1, figs. 6-10; Wilson, 1932, p. 432,  
fig. 271; Wilson, 1935, p. 778;

D. latifolia (cont'd.)

Yamaguti, 1936, p. 9, pl. 5, figs. 50-52, pl. 6, figs. 53-61; Brian, 1944, p. 201;  
D.-Deboutteville & N.-Ruivo, 1953, p. 204, figs. 2-3; Shiino, 1954, p. 308, figs. 9-10; Barnard, 1955, p. 263, fig. 16; Shiino, 1957, p. 365; Heegaard, 1962, p. 177.

Reported Hosts: Isurus oxyrinchus, Prionace glauca, Carcharodon rondeletti (= C. carcharias?), Lamna nasus, Carcharodon carcharias.

Distribution: North Atlantic, Adriatic, Argentina, South Africa, North Pacific, Japan.



Winematura latefolia, Stp & Ltk, ♀, ♂.

Galigidae.

— —, Stp. & Ltk, 1861, p. 378; pl. VIII, fig. 16.

— —, Heller, 1865, p. 199.

— —, Carus, 1885, p. 360.

— —, Brian, 1898, p. 14; pl. II, fig. 10.

Host, Oxyrrhina glauca; Prionodon glaucus  
(Tschudi); Carcharodon roudelotii (Valle.)

Oxyrrhina spallanzanii (Brian).

Lamna cornubica, Woods Hole; Mediterranean;

- —, Brian. 1899, c, p. 200; 1902, p. 44.  
— —, B. Smith, 1899, p. 463.  
— —, Richiardi, 1880, p. 3.  
— —, Valle, 1880, p. 60.  
— —, Stossich, 1880, p. 257.  
— —, Wilson, 1907, p. 383; pls. 24 & 25.  
— —, Fowler, 1912, p. 479.  
— —, Williams, 1907, p. 70.  
— —, Wilson, 1923, p. 6; pl. 1, figs. 6-10.  
— —, Wilson, 1932, p. 432: fig. 271.  
— —, Yamaguti, 1936, p. 9; Pl. 5, figs. 50-52; Pl. 6 figs. 53-<sup>61</sup>  
— —, Shiino 1963, p. 345

Dinemoura

Dinematura latifolia Steenstrup and Lütken (2)

-- --, Heegaard 1962. p. 177

-- --, Nunes Ruivo, 1962. pp. 73-74

-- --, Lewis, 1966, pp. 102-111.

-- --, Cressey, 1967, p. 42.

-- -- Cressey, 1967, p. 4, 18

-- -- Cressey, 1968, p. 7

--, Lewis, 1966, pp. 102-103, 105-106, 108, 110-111,  
figs. 20a-f, 21a-h, 22a-g, 23a-b, tbls. 8 & 9

--, Lewis, 1967, p

Dinamatura latifolia Steenstrup & Lutken

card 3

-- Kensley & Grindley 1973: 124

Dinematura musteli-levis Hesse, ♂.♀.

Dinemoura Hesse, 1880, p. 5: pl. 1, figs. 1-16.

— — B. Smith, 1903, p. 108.

— — Wilson, 1907, p. 386.

Host. Mustelus laevis -

Mediterranean.

Dinematura neo-zealandica Thomson, ♂♀.

Fig. 1, a-c

— Thomson, 1889, p. 359: pl. 25, f. 2, a-d: pl. 26, n  
 Echthrogaleus — B-Smith, 1899, p. 464.

A synonym of Echthrogaleus n—. .  
 (Wilson, 1907, p. 376).

*Girematura* (Nogaus ♂) *neozelandica*.  
Caligidae.  
Thomson -

— — , Thomson, 1889, p. 359; pl. XXV, fig. 2.  
a-d: pl. XXVI, fig. 1, a-c.

Echthrogalear neozelandicus, B-Smitk, 1899, p. 464.  
— — Wilson, 1907, p. 456.

Host. Not given, but probably a shark:

New Zealand.

Dinematura producta

-- Lüling 1953: 14-, FIG. 6, 7, 4 (RIGHT SIDE)



Caligidae - Caligoida.

Dinematura serrata Krøyer, ♀.

— — Krøyer, 1863, p. 176: pl. 8, f. 4, a-i.

Made a new genus —

Philorthragoriscus serratus.

(Horst, 1897, p. 137).

Caligidae. — Caligoida.

Dinematura thynni Kollar, ♀

— — Kollar, labels, Vienna Museum —  
Arneus Krøyer, 1863, p. 157

A synonym of Elytrophora brachyptera.  
(Wilson, 1907, p. 376).

Caligidae. Caligoida

Dinematura sexsetacea Burmeister, ♀.

— — Burmeister, 1833, p. 331.

A synonym of Demoleus paradoxus  
(Wilson, 1907, p. 376)