

Siphonostomatoida

Herpyllobiidae Hansen, 1892

- IZAWA 1987: 153, TAB. I - "SYSTEMATIC POSITION UNCERTAIN"
- Gotto 1993: 202-, diagnosis, key
- Heys + Bokshall 1992: , IN SIPHONOSTOMATOIDA
- LÜNING 1953: 16

siphonostomatoida

Herpyllobiidae gen.? sp.? Hansen 1892

-- Stock 1986c: 474, hyperassociate of Polynoe caeciliae  
and Corallium profundum

# Siphonostomata ~~Kermatopoda~~ Herpyllobiidae.

Herpyllobius, valid.

Sp. & Lk. 1861, H. arcticus.

Kroyer's genus Silencium seems identical with this & would hence become a synonym.

Ἐρπύλλη = a creeping thing & βίος = manner of life.

- Stock, 1986: 75

Female. Body bipartite, & 2 portions joined by a slender isthmus. anterior part buried in the host, swollen, soft, irregularly lobed, & lobes subdigitate. Posterior part either globular or pear-shaped, not segmented nor divided into regions; with no rudiments of legs or any other kind of appendages.

2 egg-sacs short, stout, club-shaped; eggs small, multiseriate.

HERPYLLOBIUS STEENSTRUP & <sup>U</sup>LEAKENS 1861 CARD 2

- STOCK 19886: 545

- GOTTO 1993: 202 -, DIAGNOSIS, KEY

Monstrilloida - Herpyllobius  
Herpyllobius affinis Hansen, ♀.

- — Hansen, 1886, p. 81(263): pl. 24, fig. 2.
- — Giard & Bonnier, 1895, p. 480
- — Wilson, 1920, p. 102.

Host. Harmothoe badia Theel.

Kara Sea.

Herpyllobiidae - Monstrilloida

Herpyllobius antarcticus Vanhöffen, ♀

— — Vanhöffen, 1913, p. 599: fig. 1, A-B.

-- --, Lützen, 1964. pp. 255-256, fig. 11-12

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 56, 57, 59

Host. On Enipor rhombigera, Antarctic.

Herpyllobius antepositus Stock

— Stock, 1986: 76-77, fig. 3



Herpyllobiidae - Monstrilloidea.

Herpyllobius arcticus Steenstrup & Lütken, ♂.♀.

~~Can~~

— — Stp. & Ltk., 1861, p. 426: pl. 15, figs. 40, a-x.

— — Steenstrup, 1869, p. 179, 202: pl. 2,

— — Lewinsson, 1877, p. 363: pl. 6, fig. 12-18: text-fig. 13.

— — Willey, 1902, p. 267: pl. 12, fig. 4.

— — Laubier, 1961: 261-266, fig. 1

Host, Harmothoë spinosa: H. gourdoni: H.

imbricata: Polynoe cirrata: P. scabra:

Enipo rhombigera: Nychia amondseni.

Arctic Ocean -

— — Gravier, 1912<sup>a</sup>, p. 30: 1912, i, p. 830.

— — Gravier, 1912, h, p. 28: text-f. A, B, and 1-18.

*Silenium polynoës* Krøyer, 1863, p. 403: pl. 18, f. 6, a-g.

— *polynoïs* Claus, 1875, p. 18 (344): pl. 23, f. 26-

— *polynoës* MacIntosh, 1874, p. 262.

— — Claperède, 1870, p. 3, 4, 17.

*H. arcticus* Jensen, 1900, p. 84: pl. 1, f. 8-9: pl. 2, f. 10-18.

*S. polynoës* Krøyer, 1869-70, p. 381.

*S. crassirostris* Sars, 1870, p. 114: pl. 8, f. 10-15.

*Herpyllobius arcticus* Hansen, 1887, p. 262: pl. 24, f. 2.

— — Hansen, 1886, p. 262 (80): pl. 24, f. 2.

— — Giard & Bonnier, 1895, p. 480

H. arcticus (2).

H- arcticus Stephensen, 1913, p. 343: 1916, p. 306.

— — Brian, 1914, p. 12: text-fig. 8.

— — Haddon, 1912, p. 385.

En ny, endnu ubenaemt Lernaea Krøyer, 1838, p. 321.

H- arcticus Vanhöffen, 1913, p. 599: 1 text-fig.

— — Wilson, 1920, p. 106.

— — Hansen, 1923, p. 80

— —, HEIN-SHARPE, 1926, P. 269-276, 11 TEXT FIG.

— —, Lützen, 1964. pp. 248-251, fig. 3-4

— — STEPHENSEN 1917: 306, GREENLAND FJORDS

--, Kroyer, ~~1863~~ 1863 translation: "a figment of  
the mind", ? = Silenium polynoes

--, Stephensen, 1940, p. 14.

--, Bresciani and Lutzen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 46, 50-52, 55, 56, 57, 58, 59,  
fig. 2

-- IZAWA 1987:153-

-- GOTTO 1993:204-, FIG. 51F

③

HERPYLLOBIUS ARCTICUS STEENSTRUP & LÜTKEN, 1861

-- C. B. WILSON 1936: 376, GREENLAND, EX HARMOTHOE

Herpyllobius australis Lützen

-- -- Lützen, 1964. pp. 258-259, fig. 16-18

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, p. 59

Herpyllobius cordiformis Lützen

Lützen, 1964.

-- --, Lützen, 1964, pp. 257-258, fig. 13-15

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 59

Herpyllobius crassirostris (Sars, 1870)

Silenium -, Sars 1870: 114, pl. VIII figs. 10-15, n.sp.  
male + female; ex Polynoe impar, Norway

S. -, Möbius 1874: 275

S. -, Levinsen 1878: 353, 371

Herpyllobius ♀, n. comb., Giard & Bonnier 1895: 480

host Evarne impar, Norway

S. -, Lützen 1964: 251, synonym of Herpyllobius arcticus



Herpyllobius elongata

--, Bresciani and Lutzen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

Herpyllobius gravieri Lützen

-- -- Lützen, 1964. pp. 259-261, fig. 19-21

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 59

Herpyllobius haddoni Lützen

-- -- Lützen, 1964. pp. 253-255, fig. 8-10

syn.: H. arcticus (part)

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 46, 56, 59

Herpyllobius hartmanae

--, Lützen and Jones, 1976, pp. 371-374, figure 1.

Herpyllobius      lobosaccus

— Stock, 1986: 78, fig. 4

Herpyllobius nipponicus Lützen

-- -- Lützen, 1964. pp. 261-263, fig. 22

--, Bresciani and Lützen, 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 46, 56, 58, 59

= HERPYLLOBIUS

Herpyllobiidae -

Silenium polynoës Krøyer, ♀. ①

— — Krøyer, 1863, p. 403: pl. 18, fig. 6, a-g.

— —, Lützen, 1964. (referred to as synonym of Herpyllobius polynoës) p. 253

A synonym of Herpyllobius arcticus.  
(C. Cravier, 1912, h, p. 28)

— —, McIntosh, 1874, p. 262

(Lützen, 1964 refers to McIntosh's specimen as a "doubtful species of Herpyllobius") p. 263

—, ~~Krøyer~~ Krøyer, 1863 Translation, p. 403-406  
(H. arcticus is a synonym).

Herpyllobius polynoes (Krøyer) 1863

(2)

-- --, Lützen, 1964. pp. 251-253, fig. 5-7  
syn.: Silenium polynoes, H. arcticus (part),  
S. crassirostris, H. affinis.

--, Bresciani et al., 1975, p. 39.

--, Lützen and Jones, 1976, p. 374

--, Lützen, 1966, pp. 45-64, figs. 1-4, pl. 1.

--, Lützen, 1966, pp. 46-50, 55, 56, 57, 58, 59, 62,  
fig. 1

-- BRUNEL 1965: p? - GULF OF ST. LAWRENCE

-- IZAWA 1987: 153-



Herpyllobius polynoes (Krøyer, 1863)

card 3

-- Gotto 1993: 204-, Figs. 51G,H

SILENIUM POLYNOËS, LÜLING 1953:16

Herpyllobius rotundus

--, Lützen and Jones, 1976, pp. 371-374, figure 1.

HERPYLLOBIUS SP.

-- DÜRBAUM 1997: 644, FIG. 1

Herpyllobius spp.

-- Stock 1986c, 474, hyperassociates of polychaetes and corals