

SIPHONOSTOMATOIDA.

SPHYRIIDAE C. B. WILSON, 1919

- KABATA 1988: 8, 72-73, KEY TO GENERA IN CANADA; DIAGNOSIS.
- KABATA 1992: 107, DIAGNOSIS, KEY TO BRITISH GENERA
- LÜNING 1953: 16

Sphyrion.
Cuvier, 1830.

S. laevigatum ^(M).

- Syn. Sphyrion Cuvier, 1830, p. 257.
Chondracanthus (pars) Quoy & Gaimard, 1824.
Sphyrion M-Edwards, 1840, p. 525.
Lestes Krøyer, 1845, p. 517.
Lesteira Krøyer, 1863, p. 402.
Sphyrion Steenstrup & Tütken, 1861, p. 432.
Sphyrion T. & A. Scott, 1913, p. 164.
Sphyrion Wilson, 1919, p. 566.

Head float-like, enlarged transversely; neck narrow, smooth, cylindrical; gen. segt. large, bulb-like, flattened, with a bunch of hard, grape-like processes projecting backward on either side of the rudimentary abdomen. Egg tubes long and narrow; eggs multiseriate. Mouth parts rudimentary. No appendages.

SPHYRION CUVIER, 1830

-2-

- KABATA 1988: 73, DIAGNOSIS
- Dojiri + Deets 1988: 682-
- Ho 1990: 4-22, BIOGEOGRAPHY
- KABATA 1992: 110-, DIAGNOSIS
- LÜLING 1953: 16

Sphyriidae - Lernaepodoida

Sphyrion australicus Thor

— — Thor, 1900, p. 280: pl. 17, fig. 10-17;
pl. 18, fig. 15-17.

— — Wilson, 1919, p. 569.

-- Ho 1990: 5, A SYNONYM

Host, "La grande morue rouge d'Australie".

Chondracanthidae.

Sphyrion australicus, Thor. ♀.

— —. Thor. 1900. p. 280, pl. XVII,
figs. 11-13, pl. XVIII, figs. 15-17.

— —. Quoy, 1912. p. XL1: fig. 2. text.

Host. from. "la grande morue rouge d'Aus-
tralie"

Sphyrion delagei Quider. ♀.

— — Quider, 1912, p. XLI: fig. 3.

— — Wilson, 1919, p. 569

— — Ho 1990: 5, A SYNONYM

Host. Behind dorsal fin of a codfish -

Sandwich Islands.

Sphyrriidae - Lernaepoda

Sphyrion kingi Cunningham, ♀. ①

— — Cunningham, 1871, p. 501: pl. 59, fig. 12

— — Stebbing, 1900, p. 61.

— — Wilson, 1919, p. 570.

— — Leigh-Sharpe, 1928, p. 182: fig. 3.

— — Brian, 1944, pp. 199-201, pl. 9, fig. 76-82.

Host. Gills of undetermined fish. Genypterus
blacodes (Bl. Schn.)

— — Thomsen, 1949, pp. 38-39, pl. 14, fig. 1-4.

Patagonia.
Montevideo

— Stuardo & Fagetti, 1960: Table

Sphyrion kingi Cunningham, 1871

card 2

-- Ho 1990:5, a synonym

Sphyridae - Lernaepodoida

Sphyrion krøyeri (Thomson). ♀

Lesteira — Thomson, 1889, p. 370: pl. 28, f. 4-4a

— — Bassett-Smith, 1899, p. 489.

Sphyrion — Wilson, 1919, p. 570

Host. Abdomen of ling, Genypterus blacodes.

Sphyrriidae - Lernaepodaia.

Sphyrion laevigatum (Quoy & Gaimard) ♀

Chondracanthe lisse Q. & G., 1824: pl. 86. f. 10.

Sphyrion lisse Cuvier, 1830, vol. 3, p. 257.

S - laevigatus Guérin-Méneville, 1829-43, p. 11: pl. 9, f. 4.

S - laevigatus Milne-Edwards, 1840, vol. 3, p. 526.

Host. Outside skin and flesh of Gadus spp.

European Seas.

- S. laevigatus* Krøyer, 1837, p. 192.
— — Cuvier, 1836-49, p. 62: pl. 32, f. 4 and 4a.
S. laevis Steenstrup, 1869, p. 202: pl. 2, f. 4a & 4b.
— — Claus, 1862, p. : pl. 1, f. 8.
Lestaira krøyeri Thomson, 1889, p. 370: pl. 28, f. 4 & 4a.
S. laevis Thor, 1900, p. 278: pl. 17, f. 1, 2, 4, 7, 8, 9: pl. 18, f. 3, 5,
— — Stebbing, 1901, a, p. 197. 6, 14
S. laevigatum B-Smitk, 1899, p. 489.
— — Stebbing, 1900, p. 60: pl. 4: 1910, p. 560.
— — Quidor, 1912, p. xl: fig. 1, p. xlv.
— — Brian, 1917, p. 3. 2 text-figs. 18, f. 15-17
S. australicus (?), Thor, 1900, p. 280: pl. 17, f. 10-13: pl. n
S. laevigatum, — Heegaard, — 1943, — — — 34 —

S. laevigatum (2)

- S. laevigatum; Wilson, 1919, p. 575.
- delagei (?) Quidor, 1912, p. xli
- stewarti (?) Quidor, 1912, p. xlii.
- kingi (?) Cunningham, 1871, p. 501.
- laevigatum, Leigh-Sharpe, 1928, p. 180: fig. 2. text.
- --, Heegaard, 1943, p. 34.
- --, Heegaard 1962. pp. 192-193
- , Kabatã, 1970, p. 45
- J. B. JONES 1988: 625

(QUOY + GAIMARD, 1824)

Sphyrion laevigatus ~~Guerin-Meneville, 1839~~

(7)

--, Kabata, Z., and J. Ho, 1981, p. 387

--, Hewitt & Hine, 1972, p. 85

-- KENSLEY & GRINDLEY 1973: 128 (S. LAEVIGATUM)

- Ho 1990: 4-22, BIOGEOGRAPHY

-- KABATA 1992: 110

- LAEVIGATUM, LÜLING 1953: 42-; SYN. CHONDROLANTHE

LISSE

Sphyriidae → Lernaepodidae

Sphyrion lumpi (Krøyer). ♀. ①

Lestes — Krøyer, 1845, p. 217

Lesteira — Krøyer, 1863, p. 325: pl. 18, fig. 5.

—— — Steenstrup, 1869, p. 182: pl. 2, fig. 5.

Sphyrion — Bassett-Smith, 1899, p. 489.

——, Kabata, 1970, p. 44-fig. 55; p. 78-9, figs. 89, 90, p. 87, 100

Host. Cyclopterus lumpus: Anarrhichas lupus

Sebastes marinus.

North Sea

- — T. Scott, 1901, p. 128: pl. 7, fig. 13.
— — T. Scott, 1905, a, p. 113.
— — T. & A. Scott, 1912, p. 164: pl. 51, figs. 3-4.
Lesteira — Stephensen, 1913, p. 340.
Sphyrion — Wilson, 1919, p. 570 (pls. 50-52
— — Wilson, 1920, p. 96.
— — Leigh-Sharpe, 1928, p. 179: fig. 1, A-C.
— — Wilson, 1932, p. 530: fig. ~~314~~ 315
— — Nigrelli & Firth, 1939
— — Herrington et al, 1939
— — , Templeman + Squires, 1960.
--, Polianskii, 1955, p. 93-
--, Stephensen, 1940, p. 8, Lesteira l. is a syn.

Sphyrion lumpi (KRÖYER)

(2)

--, Boer, 1970-2, tbl. 1

--, Ho, 1977, p. 4, 12, fig. 3

-- KENSLEY & GRINDLEY 1973: 128

-- Capart, 1959: 115

-- SCHRAM 1980: 273, 285, HOST BOREOGADUS
SAIDA, SPITSBERGEN; 279

-- Jones, D. H. & Matthews 1968: 177-185, figs. 1, 2,
development; host Sebastes mentella, N. Atlantic

-- KABATA 1988: 73, FIG. 94 D-F; HOST LIST.

-- Ho 1985: 493, ANTIMORA ROSTRATA, NEW YORK BIGHT

-- Ho 1990: 4-22, BIOGEOGRAPHY

Sphyrion lumpi (Krøyer)

card 3

-- Rokicki 1990:23-26, distribution

--Bakay 1990:27-40, on genus Sebastes, N. Atlantic

--Reimer & Szuks 1990:41-46, on Sebastes mentella, N.
Atlantic

--Kerstan et al. 1990:47-51, on redfish

--Priebe 1990:52-64, on redfish, N. Atlantic

--Jungnitz 1990:65-68, on Sebastes mentella, Reykjanes
Ridge

-- KABATA 1992:110-, FIG. 25A-C, SYNONYMY, HOST LIST

Sphyrion lumpi (Krøyer)

card 4

-- Lütling 1953: 16, figs. 12, 13C, 14, 15; 40-

Sphyrion norvegicum Thor, 1900

-- Ho 1990:5, a synonym

SPHYRION QUADRICORNIS GAYEUSKAYA Y
KOVALEVA, 1984

-- J.B. SMITH 1988: 625

-- Ho 1990: 4-23, BIOGEOGRAPHY; NEW RECORDS,
AUSTRALIA - COELO RHYACHUS AUSTRALIS, C. INNOTABILIS

Sphysiou stewarti Quider ♀.

— — Quider, 1912, p. XLII: fig. 4 text.

— — Wilson, 1919, p. 570

-- Ho 1990: 5, A SYNONYM

Host. unknown

New Zealand.