

Anthosomidae Yamaguti, 1963 - Siphonostomatoida
- SEE ANTHOSOMATIDAE

- Hewitt, 1968: 2-29, revision

Siphonostomatoida

Anthosomatidae Yamaguti, 1963

Anthosomidae, Hewitt 1968: 1-29, revision,

Paralernanthropus n. gen.

in/ ANTHOSOMIDAE

~~Dichestidae, Caligoidae.~~

Anthosoma

SIPHONOSTOMATOIDA

Beach, 1816.

A. crassum (M)

Syn. Anthosoma Beach, 1816, p. 406.

Caligus (pars) Abildgaard, 1794.

Otrophesia Risso, 1826, p. 136.

Caligus (pars) Lamark, 1838.

Anthosoma T. & A. Scott, 1913, p. 108.

Anthosoma Wilson, 1922, p. 23.

^o 'Ανθος = flower and σῶμα = body.

Head oval, infolding, broadest posteriorly. Two distinct dorsal thoracic plates and three pairs of large overlapping lateral ones. Abdominal segment small, terminating in two long anal laminae. Anterior antennae long, many jointed. Posterior pair unciform, very large and projecting anteriorly. Rostrum elongated.

ANTHOSOMA LEACH, 1816

2

- KABATA 1988: 34, 35

- KABATA 1992: 78

- HRWITT 1968: 1-, IN ANTHOSOMIDAE

Anthosoma crassum (Abildgaard) ♀, ♂. ⓪

Caligus crassus, Abildgaard, 1794, p. 46; pl. V, figs. 1-3.

—— imbricatus, Pissis, 1816, p. 162; pl. III, fig. 13.

Anthosoma smithii, Teach, 1816, p. 406; pl. XX, fig. 10b.

——, Kröyer, 1838, p. 295, pl. II, fig. 2. (over)

Host, Lamna cornubica: Oxyrhina spallanzanii:

Odontaspis littoralis: Squalus acanthias:

Lamna punctata, Mola mola.

European Seas.

- Anthosoma smithii, M-Edwards, 1840, p. 483; pl. 39, fig. 5.
— —, Baird, 1850, p. 299, pl. XXXIII, fig. 10.
— crassum, Gould, 1841, p. 340.
— —, Stp. & Totk, 1861, p. 397, pl. XII, fig. 24.
— —, Rathbun, 1884, p. 490.
— —, Coars, 1885, p. 364.
— —, Thomson, 1889, p. 365, pl. XXVII, fig. 3.
— —, Brian, 1899, 6, p. 5; 1902, p. 36.
— —, B-Smilk, 1899, p. 468.
— —, Olsson, 1869, p. 23.
Anthosoma smithii, Burmeister, 1835, p. 328.
— —, Kröyer, Isis, 1840, p. 762; Taf. II 2, fig. 2; Taf. 3, fig. 9.

Anthosoma crassum,

— *smithii*, Leach, 1819, p. 533; 1814, pl. 181.

— —, Latreille, 1817, p. 198; 1829, IV, p. 198.

— —, Guérin, 1817, pl. xxxv, fig. 9.

Caligus —, Lamarck, 1818, p. 210.

Anthosoma —, Desmarest, 1825, p. 335; pl. I, fig. 3.

— —, Latreille, 1825, pl. cccxxxv, figs. 11-16.

Otrophesia imbricata, Risso, 1826, p. 136.

Anthosoma smithii, Griffith, 1833, pl. XXI, fig. 2.

— — Latreille, 1829, vol. 4, p. 198. (over)

- Anthosoma smithii, Kröyer, 1837, p. 295; pl. II. fig. 2, 2a.
— —, M-Edwards, 1840, p. 483, pl. 39, fig. 5.
— —, ———, 1836-49, pl. 79, fig. 3.
— —, White, 1850, p. 124; 1857, p. 323.
— —, van Beneden, 1870, p. 9.
— —, Richiardi, 1880, p. 5.
— —, Valle, 1880, p. 62; 1878, p. —.
— crassum, T. Scott, 1905^a, p. 112; pl. V. figs. 15 & 16.
Caligus imbricatus, Tamarck, 1838, p. 211.
Caligus smithii, Tamarck, 1838, p. 210.
Anthosoma crassum, Stossich, 1880, p. 259
— —, M. J. Rathbun, 1905, p. 97

A. crassum (3)

Dichelestiidae.

A-smithii, Blainville, 1822, p. 447: pl. unnn. fig. 16.

— crassum, Fowler, 1912, p. 477.

— — Wilson, 1905, p. 555.

— — T. & A. Scott, 1913, p. 108: pl. 23: figs. 5-6.

— — Wilson, 1922, p. 23.

— — Wilson, 1932, p. 446: fig. 281.

— — Yamaguti, 1936, p. 12: fig

-- --, Shiino, 1955 pp. 51-56 figs. 1-2.

— —, Nunes-Ruiva, 1956, pp. 19. On Isurus oxyrinchus, Angola.

-- -- Cressey, 1967, p. 5

Cressea, 1968, p. 10

--, Hewitt, 1968, p. 3, 1

--, Kabata, 1970, pp. 26-7, fig. 25

--, Yamaguti, 1936, p. 1 (2)

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

--, Lewis, 1969, p. 70

Anthosoma crassum (Abildgaard, 1794)

Caligus crassus Abildgaard, 1794, p.46, pl.V,
figs.1-3; Lamarck, 1818, p.210.

Caligus imbricatus Risso, 1816, p.162, pl.III,
fig.13; Lamarck, 1838, p.211.

Anthosoma smithii Leach, 1814, pl.181; Leach,
1816, p.406, pl.20, figs.1-6; Latreille,
1817, p.198; Guérin, 1817, pl.35,
fig.9; Leach, 1819, p.533; Blainville, 1822,
p.447, fig.16; Latreille, 1829, p.198;
Griffith, 1833, pl.21, fig.2; Burmeister,
1835, p.328; Milne-Edwards, 1839-49, pl.79,
fig.3; Krøyer, 1838, p.295, pl.2, fig.2;

A. smithii, cont'd.

Milne-Edwards, 1840, p. 483, pl. 39, fig. 5;
Krøyer, 1840, p. 762, pl. 2, fig. 2, pl. 3, fig. 9;
Baird, 1850, p. 299, pl. 33, fig. 10; White,
1850, p. 124; White, 1857, p. 323;
Van Beneden, 1870, p. 9; Richiardi, 1880,
p. 5; Valle, 1880, p. 62.

Anthosoma crassum Demarest, 1825, p. 335, pl. 50,
fig. 3; Latreille, 1825, pl. 335, figs. 11-16;
Gould, 1841, p. 340; Steenstrup and Lütken,
1861, p. 397, pl. 12, fig. 24; Olsson, 1869,
p. 23; Stassick, 1880, p. 259; Rathbun,
1884, p. 490; Carus, 1885, p. 364;

A. crassus, (Cont'd.)

Pearse, 1952, p. 28; Nunes-Ruivo, 1954, p. 19;
Barnard, 1955, p. 271, fig. 18; Shiino, 1955,
p. 51, figs. 1-2; Shiino, 1957, p. 370;
Heegaard, 1962, p. 181.

Hewitt, 1968, pp. 23-29, figs. 78-101,
~~AUSTRALIA~~ NEW ZEALAND

Otrophesia imbricata Risso, 1826, p. 136.
Caligus smithii Lamarck, 1838, p. 210.

Anthosoma

A. crassum (2)

A. crassum, (cont'd)

- Thomson, 1889, p. 365, pl. 27, fig. 3; Brian,
1899, p. 5; Bassett-Smith, 1899, p. 468;
T. Scott, 1905, p. 112, pl. 5, figs. 15-16;
Rathbun, 1905, p. 97; Wilson, 1905, p. 555;
Brian, 1906, p. 62, pl. 3, fig. 1; Fowler, 1912,
p. 477; T. and A. Scott, 1913, p. 108,
pl. 23, figs. 5-6; Wilson, 1922, p. 23, pl. 1,
figs. 1-8; Wilson, 1932, p. 446, fig. 281;
Leigh-Sharpe, 1933, p. 109; Yamaguti, 1936,
p. 12; Brian, 1944, p. 208, pl. 5, figs. 43-44;
Dollfus, 1947, p. 70; Fontes, 1949, ? ;
Birkett and Burd, 1952, p. 391, fig. 1;

Reported Hosts: Isurus glaucus,
I. oxyrinchus, Carcharias littoralis,
Lamna cornubica, L. nasus, Mola mola.

Distribution: Cosmopolitan

- A. Crassum, Heegaard 1962. p. 181
-- --, Nunes Ruivo, 1962. p. 75
-- --, Lewis, 1966, pp. 66-74.
--, CRISSEY, 1967: 5, 19

--, Lewis, 1966, pp. ~~60, 62-66, figs 66-67,~~ 69-70, 72,
74, figs. 4a-h, 5a-h, 6a-j

Anthosoma crassum (ABILDGAARD)

card #

- , Hewitt & Hine, 1972, p. 71, 73
- , ACLOQUE, 1899: 201, pl. 96, 204 - as ANTHOSOMA SMITHI
- KENSLEY & GRINDLEY 1973: 125
- BENZ 1986: 212, 219, FIG. 2 C, WHITE SHARK
- KABATA 1988: 35, FIGS. 15 F, G; HOST RECORD.
- J.B. JONES 1988: 624-
- KABATA 1992: 78, FIG. 18 A, B, SYNONYMY, HOST LIST
- IZAWA 1994: 99, TOYAMA BAY, JAPAN; HOST LAMNA DITROPIS.

ANTHOSOMA CRASSUM (ABILDGAARD) (8)

-- HO + KIM 1996: 292, JAPAN; HOST CARCHARODON

CARCHARIAS

-- MONTÚ 1997: 179-180, OFF BRAZIL; HOST ISURUS

oxyrinchus

Dichelestiidae, Caligoida,

Anthosoma smithii Leach, ♀.

— — Leach, 1816, p. 406: pl. 20, fig. 1-6.

A synonym for Anthosoma crassum.
(Bassett-Smith, 1899, p. 468).

Anthosoma smithii (cont.)

--, Hewitt, 1968, p. 23

-- J.B. JONES 1988: 624, = A. CRASSUM