

NOTODELPHYIDAE DANA, 1853

- HO 1986b: 178-, FIG. 2
- DUDLEY + ILLG 1991: 5-10
- HO + THATCHER 1989: 910-911, PHYLOGENY OF ORDER
- DUDLEY + SOLOMON 1966: 315-, PYTHODELPHYS N.G.
- GOTTO 1993: 19-, KEY

Notodelphys ^{Cyclopoidea} Valid
Allmann, 1847.

Notodelphyoidea
Notodelphyidae.
N. ascidicola.

Syn. Notodelphys - Weinkl. - Reptile - 1854.

Notodelphys Allmann, 1847, p. 1.

Notodelphys Brady, 1878, p. 125.

Notodelphys Sars, 1921, p. 30

Νῶτος = the back - Σελφύς = the matrix.

Notodelphys Schellenberg, 1921^b: p. 225

NOTODELPHYS ALLMAN, 1847

(2)

- KABATA 1988b: 4, ORIGIN OF NAME
- ACLOQUE, 1899: 196.
- KOOA 1968: 19, EGGS
- SCHRAM, 1986: 448
- ANDERSON & ROSSITER, 1969a: 474
- ILLG & DUDLEY 1980: 7, 17 - part syn. for ASCIDICOLA; 155-156
- IZAWA 1987: 160 -
- STOCK 1988b: 545
- GOTTO 1993: 21, KEY, DIAGNOSIS

NOTODELPHYS ALLMAN, 1847

(3)

- GOTTO 1990: 307-, NO. OF SPECIES

Notodelphys, monoseta-group

--- Stock 1967e: 38

Notodelphys acanthomela Illg & Dudley

-- -- Illg & Dudley, 1961. pp. 9-19, fig. 1-4

-- RAIBAUT 1985: 266; FIG 19F

Notodelphys affinis Illg

Illg, P.L.-- 1958, pp. 503-510, fig. 2.

-- Dudley, P., 1966, pp. 65

-- DO ET AL. 1984:23

-- NAKAMURA ET AL. 1979:42-43

-- IZAWA 1987:155-

-- DUDLEY, P. 1986:15-, FIGS. 3C, 4A-E, 6, 7a, b

Notodelphys agilis Thorell. ♀, ♂.

- — Thorell, 1859, p. 40: pl. 4: pl. 5, fig. 6.
— — Brady, 1878, p. 130: pl. 26, figs. 1-10
— — Aurivillius, 1885, p. 230 —
— — Aurivillius, 1883, p. 30: 1882, no. 3, p. 60.

Host, Branchial sac of Ascidia sordida
and Phallusia mentula; P. obliqua; P.
patula (Müller). England & Finland.
Corella parallelogramma (Alder)

- Möbius, 1874, p. 274.
 -- Nordenskjöld, 1885, p. 281. *Aurimellus*
 -- Norman & Brady, 1909, p. 153.
 -- T. Scott, 1906, b. p. 362.
 -- T. Scott, 1907, p. 362.
 -- Thorell, 1859, a, p. 338.
 -- Wilson, 1920, p. 15 L.
 -- G. O. Sars, 1921, p. 35: pl. 17, fig. 3.
 -- Timm, 1894, p. 396
 -- Wilson, 1932, p. 387: fig. 238.
 -- Pesta, 1934, p. 10: fig. 6
 --, Lejeune & Monniot, 1964, p. 616-8, a syn. of N.
 ascidicola
 --, Monniot, 1982, Passim

Notodelphys agilis Thorell

card 2

-- Gotto 1957:282

-- ILLG + DUDLEY 1980:159

-- IZAWA 1987:154-

-- MONNIOT 1987:154

-- DUDLEY + ILLG 1991: 20-, FIGS. 8, 10, 12; REVIEW RECORDS

-- GOTTO 1993: 26-, FIGS. 3E-H

-- GOTTO 1990: 307-


Notodelphys agilis villosus

Ooishi, 1962

--- Ooishi 1987:95, Japan

Notodelphys allmani Thorell, ♂. ♀.

- ascidicola Allman, 1847, pl. 1, figs. 1-13.
- — Baird, 1850, p. 238: pl. 30, figs. 7-8.
- allmani Thorell, 1859, pl. 1: pl. 2, fig. 1: p. 31.
- elegans Thorell, 1859, p. 39: pl. 4, fig. 5.

Host. *Ascidia venosa*: *A. communis*:
Phallusia mamillata: *P. obliqua*: *P.*
mentula: *P. vir*  *guinea*: *Ciona intestinalis*: *P. conchilega*. European Seas.

- *rufescens* Thorell, 1859, p. 35, pl. 2, fig. 2
- *allmanni* Brady, 1878, p. 126; pl. 25, figs. 1-10.
- — Carus, 1885, p. 341.
- — Aurivillius, 1882, pp. 58, 81.
- — Aurivillius, 1883, pp. 28, 77.
- *rufescens* Carus, 1885, p. 341.
- *elegans* Carus, 1885, p. 341.
- *allmanni* Gourret, 1888, p. 1. — *elegans*, idem
- *rufescens* " " " "
- *elegans* Möbicus, 1874, p. 274.
- *allmanni* Möbicus, 1874, p. 275.
- — T. Scott, 1906. b. p. 362.
- — T. Scott, 1907 p. 361.
- — Thorell, 1859, a, p. 338,

Notodelphys

N. allmani (2)

N. allmani C. O. Sars, 1921, p. 31: pls. 15 and 16

N. mediterranea Buchholtz, 1865, p. 111: pls. 5 and 6.

N. allmani, Thompson, 1893, p. 189: pl. 17, f. 7, a-b.

-- --, Illg & Dudley, 1961. p. 8

-- -- Illg & Dudley, 1965. p. 377.

--, Gotto, 1966, p. 191

--, Lejeune & Monniot, 1964, pp. 616-8, a syn. of

N. ascidicola

--, Wailes, 1935, p. 6

--, Hammond, 1973, p. 349.

-- *allmanni*, Stoeck, 1969, p. 220-221

Notodelphys allmani Thorell

card 3

-- Kensley & Grindley 1973: 122

-- GAGE 1966: 223, 225-229, 232-233; HOST

ASCIDIELLA ASPERSA

-- GOTTO 1957: 286, HOST ASCIDIELLA ASPERSA

-- IZAWA 1987: 154-

-- GOTTO 1993: 23-, FIGS. 2A-E, DISTRIBUTION

-- GOTTO 1990: 307-

-- BOCQUET + STOCK 1960: 123, 130-134, FIGS. 6b, 7a,
FRANCE (ROSCOFF), HOST ASCIDIA cf OBLIQUA

NOTODELPHYS ALLMANI SPINULOSA BOCQUET + STOCK, 1960

--- BOCQUET + STOCK, 1960: 133-134, FIGS. 6c, 7b,
N.SP., FRANCE (ROSCOFF); HOST CIONA INTESTINALIS

Notodelphyidae - Notodelphyoidea

Notodelphys antarctica Brady ♀

— — Brady, 1910, 568: text-fig. 55.
• Stock, 1960, p. 369, fig. 2.

Habitat, Antarctic Ocean.

Notodelphys ascidicola ^{Notodelphyoida} Allman, ♂, ♀.

— — Allman, 1847, p. 1: pls I, II, figs. 1-13.

Includes several species of Notodelphys and some of Ascidicola: name discarded as a specific name but preserved in the separate genus.

(over)

— — Claus, 1860, p. 226: pl. 511

— — P.J.v. Beneden, 1861, p. 146.

— — Norman, 1869, p. 299

— — Baird, 1850, p. 238: pl. 30. fig. 7-8.

--, Lejeune & Monniot, 1964, pp. 614-618; synonyms
are: N. allmani, rufescens, agilis, elegans
tenera, & caerulea

-- ILLG + DUDLEY 1980: 17, SYN. ASCIDICOLA ROSEA

-- GOTTO 1990: 308-

NOTODELPHYS AURANTIACA STOCK, 1971

Notodelphys ^{notodelphyoida} caerulea Thorell, ♀

- Thorell, 1859, p. 37: pl. 3: pl. 4, fig. 4.
-- Aurivillius, 1882, pp. 60, 83: pl. 5, fig. 17.
-- Aurivillius, 1883, pp. 30, 79: pl. 1, fig. 17.
-- Norman, 1869, p. 299.

Host. Phallusia virginica; Ascidia
venosa; A. parallelogramma.

Norway Coast.

cerulea Brady, 1878, p. 130: pl. 27, figs. 10-13.

coerulea Norman & Brady, 1909, p. 153.

— — T. Scott, 1907, p. 362.

— — Thorell, 1859, a, p. 338.

— caerulea G. O. Sars, 1921, p. 34: pl. 17, fig. 2

--, Lejeune & Monniot, 1964, p. 616-8, a syn. of

N. ascidicola

-- GOTTO 1957: 282

-- GOTTO 1993: 23 - FIGS. 2J-M, DISTRIBUTION

-- GOTTO 1990: 307 -

Notodelphys canui Roland, 1962

-- -- Roland, 1963. pp. 100-105, fig. 1-3

-- GOTTO 1993: 28-, FIGS. 4D-H

Notodelphys cryptopyge Bocquet & Stöck, 1960

-- Bocquet & Stöck 1960: 123, 126-130, Figs. 3, 4, n.sp.,

FRANCE (Roscoff); Host PYURA SAVIGNYI

-- Gotto 1993: 28-, Figs. 4I-J

Notodelphys ciliata
Notodelphysida -
Schefflenberg.

— Schefflenberg, 1921^b, p. 228: fig. 2.

Host, Phallusia nigra.

Gulf of Suez.

Notodelphyidae - Notodelphyoidae

Notodelphys dentata Schellenberg, ♀.

— Schellenberg, 1921^a, p. 3: text-figs. 1-4.

Host. Rhopalaea nordgaardii.

Norway.

Notodelphys echinata Monniot

-- -- Monniot, 1961. pp. 213-217, fig. 1,2

Volodelfys elegans ^{Volodelfysoida} Thorell. ♀

- — Thorell, 1859, p. 39: pl. 4, f. 5 (pl. 16, f. 1-3)
— — Aurivillius, 1882, p. 78: pl. 15, f. 14-18
— — Aurivillius, 1883, p. 74: pl. 6, f. 14-18: pl. 7, f. 1-3.
— — G. O. Sars, 1921, p. 37: pl. 18, fig. 2

Habitat. Bohuslän (Thorell): France (Cauu)
Norway (Sars) in Styela intestinalis.

- — Klie, 1933, p. 5:
— — Pesta, 1934, p. 10: Fig. 7.
-- --, Illg & Dudley, 1961. p. 9
-- , Gotto, 1966, p. 192
-- , Lejeune & Monniot, 1964, p. 616-8, a syn. of
N. ascidicola
-- , Hamond, 1973, p. 349.
-- GOTTO 1993: 28, FIGS. 4A-C
-- GOTTO 1990: 307 -
-- BOCCART & STOCK 1960: 123, 131-132, FRANCE; HOSTS
CIONA INTESTINALIS, ASCIDIA, ASCIDIELLA

Notodelphys haranti Illg & Dudley

-- -- Illg & Dudley, 1961. pp. 28-33, fig. 9, 10

Notodelphys hatlassae Monniot

— Monniot, 1981: 438, fig. 3

Notodelphys lathassae Monniot

— Monniot, 1981: 436-438, fig. 2.

Notodelphys matronalis Leigh-Sharpe, ♀.

— — Leigh-Sharpe, 1934, p. 4: figs. 1-2.

Host. Ascidia rhabdophora: Styela asym-
metrica.

Damar Island, South Seas.

Notodelphis mediterranea ^{Notodelphyoidea} Buchholz. ♂
♀.

— —, 1865, p. 111: pl. 5, fig. 1 (13 figs): pl. 6, fig. 1.

A synonym of Notodelphys allmani
G.O. Sars, 1921, p. 31.

Host, In numerous Ascidians.

Mediterranean.

Bololoehidae-Notodelphyoida

Notodelphys monoseta Pearse

Pearse, A.S., -- 1947, pp. 7 + figs. 36-40.

-- DUDLEY + ILLG 1991: 17-, FIG. 13, FLORIDA;

FIGS. 11, 13; REVIEW RECORDS

Notodelphyoida -
Notodelphys pachybrachiata Schellenberg.

— Schellenberg, 1921^b, p. 231: text-figs. 5-6.

Host, Ascidia cannelata

Gulf of Suez.

Notodelphyoidea.
Notodelphys parva Schellenberg.

— — Schellenberg, 1921^b, p. 231: text figs. 7-8.

— — Stock 1967e: 9-10, Figs. 5-7, RED SEA, FROM
HERDMANIA MOMUS

Host. Polycarpa ehrenbergi + Tyura momus.

Gulf of Suez.

Notodelphys patagonica Schellenberg.

— — Schellenberg, 1921³, p. 228: text fig. 1.

Host. Ascidia tenera

Patagonia.

Notodelphys platymera Illg & Dudley

-- -- Illg & Dudley, 1961. pp. 33-38, fig. 11, 12

-- GOTTO 1993: 30-, FIG. 5D, E

Notodelphys prasina Thorell.

- —, Thorell, 1859, p. 41: pl. 5, f. 7 | no. 3, p. 62
— —, Aurivillius, 1882^{no. 18}, p. 84: pl. 16, f. 4-7.
— —, Aurivillius, 1883, p. 32: pl. 7, f. 4-7:
— — Norman, 1869, p. 299. | p. 80

Host. Phallusia mentula.

Norway Coast,

- -- Carus, 1885, p. 341.
- -- Gourret, 1888, p. 1.
- -- T. Scott, 1907, p. 362.
- -- Thorell, 1859, a, p. 338.
- -- Brady, 1878, p. 131; pl. 30, f. 11-15.
- -- Sars, 1921, p. 37; pl. 18, fig. 3.
- --, Illg & Dudley, 1961. p. 9
- -- ~~I; H~~ Illg & Dudley, 1965, pp 377-78
- GOTTO 1993: 26, FIGS. 3I-K
- BOCQUET + STOCK 1960: 123, 130-131, FIGS. 5, FRANCE
(ROSCOFF); HOST PHALLUSIA MAMILLATA

Notodelphys pusilla ^{Notodelphyoidea} Buchholz, ♀.

— — Buchholz, 1865, p. 115: Tab. 6, fig. 2.

Host, Phallusia sp

Mediterranean.

Notodelphys reducta Illg & Dudley

- -- Illg & Dudley, 1961. pp. 19-27, fig. 5-8
-- -- Illg & Dudley, 1965, pp 378.

Notodelphys rufescens Thorell, ♀. Notodelphyoidea

- —, Thorell, 1859, p. 35: pl. 2. f. 2 = 1859, a, p. 338.
- —, Aurivillius, 1882, pp. 59, 82: pl. 16, f. 8.
- —, " " " 1883, pp. 29, 78: pl. 7, f. 8.
- — G.O. Sars, 1921, p. 33: pl. 17, fig. 1-
- — Stock 1951 (Beaufortia No. 6), pp. 1-4, figs. 1-7.

Host. Phallusia obliqua, conchilega,
glacialis, Ascidiella aspersa (O.F. Müller).

Norway: Bohuslän; Faroes: Holland.

— — Hansen, 1923, p. 22.

--, Gotto, 1966, p. 191

--, Lejeune & Monniot, 1964, p. 616-8, a syn. of
N. ascidicola

-- GOTTO 1993: 23 - FIGS. 2F-I, DISTRIBUTION

-- GOTTO 1990: 307 -

-- BOUQUET + STOCK 1960: 123, 132-135, FIG. 6a, FRANCE;

HOSTS ASCIDIELLA SCABRA, PHALLUSIA MANILLATA

Notodelphys salthasae Monniot

— Monniot, 1981: 438-⁴⁴¹~~439~~, fig. 4.

Notodelphyoidea.
Notodelphys squamifera Schellenberg

Schellenberg, 1921⁶/₄, p. 230: text-figs. 3-4.

Host, Microcosmus senegalensis.

West Africa.

Notodelphys steinitzi Stock 1967

-- Stock 1967e: 5-9, figs. 1-4, n. sp. ♀♂, Red Sea; host

Ascidia nigra

Notodelphyoidea

Notodelphys tenera Thorell, ♀

- —, Thorell, 1859, p. 36: pl. 3, fig. 3: 1859, a, p. 338
- —, Aurivillius, 1882, p. 70: pl. 15, f. 4-13.
- —, Aurivillius, 1883, p. 66: pl. 6, f. 4-13
- —, Carus, 1885, p. 341.

Host. Phallusia mentula.

Mediterranean.

— — Gouret, 1888, p. 1.

— — G. O. Sars, 1921, p. 36: pl. 18, fig. 1.

--, Lejeune & Monniot, 1964, p. 616-8, a syn. of

N. ascidicola

-- GOTTO 1993: 26 - , FIGS. 3A-D

-- GOTTO 1990: 307 -

Notodelphys thalassae Monniot

— Monniot, 1981: 434-436, fig. 1

NOTODELMYS TRANSATLANTICA Bocquet + Stock, 1960

-- Bocquet + Stock 1960: 123-126, FIGS. 1, 2, FRANCE;

HOST CLAVELINA LEPADIFORMIS (Roscoff)

-- Gotto 1966: 192

-- Gotto 1993: 30-, FIG. 5A-C

Notodelphys weberi Stock, 1950, Amsterdam
Naturalist, vol. 1, No. 2, pp. 37-42, fig. 1-3. ♂♂ &
♀♀ from Ascidia canaliculata Heller. Knysna, S. Africa

Notodelphyoidea-
Notodelphyoidea

Notodelphys weberi Stock

Stock, J.H., 1950, pp. 37-42, 3 figs.

Notodelphys sp.

— Monniot, 1961 : 97-99, fig. 1 e, + bl. 1