

Eudactylina, valid,  
van Beneden, 1853.

Caligoida  
Dichelestidae.

E. acuta, ①

Syn. Eudactylina Beneden, 1853, p. 235,

Eudactylina T. & A. Scott, 1913, p. 125,

Eudactylina Olsson, 1869, p. 24

Eudactylina Valle, 1880, p. 67.

Εὐδακτύλος = with beautiful fingers.

Eudactylina Wilson, 1922, p. 65.

Head obtuse, broader <sup>venter</sup>  
Four distinct thorax seg<sup>ts</sup> without dorsal plates  
or lateral processes. Gen. segt short, & small.  
Abdomen narrow, 2- or 3-jointed; anal appendages  
small, with setae.  
First antennae stout, 6- or 7-jointed, basal joints  
with hooks; post. pair stout, unciniate.  
Second maxpds very large, cheliform, & one branch  
separated from other by a deep sinus.  
First 4 pairs of thorax legs biramous; rami 2- or  
3-jointed; 5th. pair uniramous, rudimentary.

Eudactylina Van Beneden, 1853

(7)

- LAUBIER ET AL. 1966: 1227-
- Pillai, 1967, p. 1637-1638
- RAIBAUT 1982: 321-
- KABATA 1988: 35, 37, DIAGNOSIS + KEY TO SPECIES IN CANADA.
- Castro & Baeza, 1987: 163-
- DEETS & Ho 1988: 317, 333; PHYLOGENY
- CASTRO ROMERO & BAEZA KUROKI 1991b: 1438, KEY
- KABATA 1992: 81; DIAGNOSIS, KEY

Eudactylina acanthii, A. Scott. ♀.

Dichelestidae.

- , A. Scott, 1901, b, p. 14.  
—, T. Scott, 1902, a, p. 296, pl. XIII, figs. 1-9.  
—, A. Scott, 1904, b, p. 121: 1904, a, p. 41.  
—, B. Smith, 1903, p. 108.  
—, Nunes-Ruivo, 1956, pp. 22-23, Squalus acanthias, Angola.

Host, Gills of Pickled Dog-fish, Squalus acan-  
thius.

—, RAIBAULT & ESSAFI, 1979: 439

Eudactylina acanthii A. Scott

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- , Ho, J.S. and L.E. McKinney, 1981, p. 745
- RAIBAUT ET AL. 1971: 184, HOST SQUALUS  
BLAINVILLEI, GULF OF TUNIS
- KABATA 1988: 37, FIGS. 16 A-C; HOST RECORDS
- CASTRO ROMERO & BAEZA KUROKI 1991 b: 1437-  
1438, HOST SQUALUS ACANTHIAS (TYPE HOST), OFF CHILE
- KABATA 1992: 82-, FIG. 18 F-H, DIAGNOSIS, HOST LIST

Eudactylina acuta, van Beneden, ♀.

Dichelestiidae.

---, Beneden, 1853, b, p. 235; pl. n.n. figs. 1-6.

---, ---, 1861, p. 150.

---, ---, 1870, pp. 10, 13.

---, Carus, 1885, p. 366.

--, Ho, J.S. and L.E. McKinney, 1981, p. 751

Host, Gills of Squatina angelus, Spinax acanthus,  
Rhina squatina, Acanthia vulgaris

Europe.

- —, T. Scott, 1902, a, p. 293; pl. XII, figs. 20—25.  
— —, B. Smilt, 1899, p. 476.  
— —, Valle, 1880, p. 67.  
— —, Olsson, 1869, p. 24.  
— —, A. Scott, 1904, b, p. 120; 1904, a, p. 40.  
— —, Stossich, 1880, p. 263.  
— —, Cane, 1892.  
— —, T. Scott, 1904, c, p. 277.  
— —, Beneden & Bessels, 1868?, p. 43

Eudactylina acuta

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- Castro & Baeza, 1987:170

-- KABATA 1988b: 5

-- CASTRO ROMERO + BAEZA KUROKI 1991b: 1438

-- KABATA 1992: 83; FIG. 19 A-G, SYNONYMY, HOST LIST



Eudactylina alata n.sp. Pillai, ~~1968~~<sup>1968</sup>

--, Pillai, 1968, p. 27-31, fig. 9

--, Ho, & McKinney, 1981, p. 751

--, Pillai, 1967, p. 1638, fig. 177.

Podactylina aspera Heller, ♀, 1865 - Caligoida -

— — Heller, 1865, p. 213; pl. 21, f. 1.

— — B-Smith, 1899, p. 476.

— — Bere, 1936,

-- Cressey, 1967, p. 8, 19

— —, Cressey, 1970, p. 15, 17, fig. 58

Host. Mouth of Carcharias pleurotaenia  
Gills of Scoliodon terae-novae. Florida

Java.

--, Kabata, 1970, pp. 164-5, figs. 2 F-J

--, Kabata, 1970, fig. 24

Eudactylina aspera Heller, 1868

card 2

--, Ho, J.S. and L.E. McKinney, 1981, p. 745

--, Castro & Baeza, 1987: 169

-- KABATA 1988b:5

-- LAUBIER ET AL. 1966:1228

*Eudactylina breviabdomina* Pearse

1952--- Pearse, A.S., pp. 28-30, figs. 101-108.

E. breviabdominalis, Castro & Baeza, 1987: 170

Eudactylina carchariae - glauca, Hesse. ♀.  
Nichelestidae.

— — . Hesse, 1883, b, No. 3. p. 11, pl. XIV,  
figs. 13-23.

— — . B. Smith, 1903, p. 108.

Host. Carcharias glauca. gills.

Europe.

EUDACTYLINA CHILENSIS

-- CASTRO ROMERO & BAEZA KUROKI 1991b: 1429-

Eudactylina complexa Brian, ♀  
Schelesthiidae - Caligoida.

--- Brian, 1924, p. <sup>400</sup>39; text-figs. 34-40  
-- CARLI & BRUZZONE 1973b: 131

Host. Gills of Squatina angelus.

Mauritania



Eudactylina corrugata Bere, ♀ - Caligoida

— — Bere, 1930, p. 6: pl. 1, figs. 5-13.

--, RAIBAUT & ESSAFI, 1979: 439

--, Pillai, 1968, p. 27

-- KABATA 1988: 37, FIGS. 16 J, K; HOST LIST.

— CASTRO & BAEZA, 1987: 169

-- CASTRO ROMERO & BAEZA KUROKI 1991 b: 1438

Host. gills of Raia erinacea & R. scabrata.

Dichelesthiidae - Caligoida  
Eudactylina dollfusi Brian ♀.

— — Brian, 1924, p. <sup>402</sup> 41; text-figs. 41-50.

-- CARLI & BRUZZONE 1973b: 131

Host. Gills of a shark.

Mauritania.

Eudaetylina indivisa Castro Romero & Baeza Kuroki 1991

-- Castro Romero & Baeza Kuroki 1991b:1429-1438, figs.  
1-13, n. sp. female only, hosts Myliobatus chilensis,  
Myliobatus peruvianus, off Chile

Eudactylina insoleus T. + A. Scott, ♀

Dichelestiidae.

— — T. + A. Scott, 1913, p. 135: pl. 71, figs. 1-12.

— — Castro & Barza, 1987: 169

-- KABATA 1992: 85; FIG. 20A-D, HOST G. GALEUS

Host. Gill filaments of male tope. Galeo-  
rhinus galeus. Irish Sea.

Eudactylina lancifera n.sp.

--, Pillai, 1968, p. 24-27, fig. 8 - n. sp.

-- PILLAI 1967: 1638, FIG. 176

Eudactylina longispina Bere ♀

— — Bere, 1936, p. 605: pl. 7, figs. 174-184.

— — Cressey, 1970, p. 15, fig. 54

--, RAIBAUT & ESSAFI, 1979: 439

Host. Gills of Reniceps tiburo Florida.

Dichelestiidae. Caligoida.  
Eudactylina minuta T. Scott, ♀.

— — T. Scott, 1904, c. p. 275: pl. 17, fig. 1-11

— — Castro & Baeza, 1987: 169

-- KABATA 1992: 85; Fig. 20 F-G; Host DASYATIS  
PASTINACA

Host. Gills of Trygon pastinaca.

English Seas.

Eudactylina Caligoida-Dichelestidae  
musteli-laeris. Hesse. ♀.

— — Hesse, 1883, b, No. 3, p. 8. pl. XIV,  
figs. 1-12.

— — B. Smith, 1903, p. 108.

Host. Mustelus laeris. Gill.

France.



Eudactylina oliveri Laubier

--, Laubier, 1968, pp. 159-164, 166-170, figs. 1a-d,  
2a-f, 3a-d

Eudactylina papillosa Kabata, 1970

n. sp., Kabata, 1970, pp. 159-164, figs. 1A-L, 2  
A-E.

--, Kabata, 1970, p. 166

--, Ho, J.S. and L.E. **McKinney**, 1981, p. 745

Eudactylina parva Castro Romero & Baeza Kuroki, 1991

-- Castro Romero & Baeza Kuroki 1991b:1433-1437, figs.

14-25, n. sp. female only, host Sympterigia

brevicaudata, off Chile

EUDACTYLINA POLLEX CRESSEY, 1967

-- CRESSEY, 1967: 11-13 ♀, 19; FIGS. 4, 31-42; EX

SPHYRNA MOKARRAN

--, CRESSEY, 1970: 15; FIG. 52, 53

EUDACTYLINA PUSILLA CRESSEY, 1967

-- CRESSEY, 1967: 9-11 ♀, 18; FIGS. 3, 21-30; EX

GALEOCERDO CUVIER

-- CRESSEY, 1970: 15 ♂ FIG. 55, 56

-- Castro & Baeza, 1987: 170-171

Eudactylina rachelae Green - see E. similis

EUDACTYLINA RHINOBATI RAIBAUT & ESSAFI, 1979

-- RAIBAUT & ESSAFI, 1979: 435-439 ♀; FIGS. 1-13;

EX RHINOBATUS RHINOBATOS, R. CEMICULUS (FISH)

Dichelesmidae - Calligoidae.

Eudactylina similis T. Scott, ♂♀. ①

— — T. Scott, 1902, a, p. 295; pl. 12, f. 1-19.

— — B-Smith, 1903, p. 108,

--, Kabata, 1976, pp. 2507, 2511, 2514, 2523, figs. 16-20

--, Ho, J.S. and L.E. McKinney, 1981, p. 745

Host. Gills of Raja radiata.

English Seas.



Eudactylina similis T. Scott, 1902

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-- Delamare Deboutteville & Nunes-Ruivo 1958: 227-228,  
Fig. 8a-c, on Raja asterias, Sète, Mediterranean

-- KABATA 1988: 37, FIGS. 16 D-I; HOST LIST.

-- Castro & Baeza, 1987: 170

-- CASTRO ROMERO & BAEZA KUROKI 1991b: 1438

-- KABATA 1992: 83, FIG. 19A-K, SYNONYM E. RACHELAE  
GREEN, 1958; HOST LIST

Eudactylinidae - Caligoida

Eudactylina spinifera, n. sp., ♀.

— — Wilson, 1931,

— — Wilson, 1932, p. 467: pl. 34.

— —, Cressey, 1970, p. 15, fig 57

Host, Gills of Carcharhinus milberti.

Woods Hole.

Eudactylina spinula Pearse

Pearse, A.S. Journ. Parasitology, vol. 36, No. 6,  
1950  
figs. 1-10.

-- Castro & Baeza, 1987: 169

-- CASTRO ROMERO & BAEZA KUROKI 1991b: 1438, IN KEY

Dichelesthidae Caligoida

Eudactylina squamosa Bere ♀.

— — Bere, 1936, p. 607: pl. 8, figs. 209-215

— — CASTRO ROMERO & BAEZA KUROKI 1991 b: 1458

Host. Gills of Thrinoptera bonasus. Florida

Caligoidea - Dichelestidae.

Endactylina squatinae-angeli, Hesse. ♀

— — . Hesse. 1883, b, No. 3, p. 5, pl. XIII  
figs. 1-13.

— squatina angeli, B. Smith, 1903, p. 108.

Host. Squatina angelus. gills.

France.

Eudactylina tuberifera Castro & Baeza, 1987

- Castro & Baeza, 1987, new species, pp. 163-171  
figs 1-26, Host: Squatina armata, Chile

-- CASTRO ROMERO & BAEZA KUROKI 1991b: 1429 -

Dichelesthiidae - Caligoida

Eudactylina turgipes Bere, ♀.

— — Bere, 1936, p. 606: pl. 8, figs. 197-206.

-- CASTRO ROMERO & BAEZA KUROKI 1991b: 1438

Host Gills of Pteroplatea micrura Florida

Eudactylina turgipes Bere, 1936

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--, Pillai, 1968, p. 27

-- RAIBAUT ET AL. 1971: 184-187, FIGS. 39-51 ♀,  
HOST GYMNURA ALTAVELA, GULF OF TUNIS

-- ZWERNER & LAWLER 1972: 84, CHESAPEAKE  
BAY, HOST GYMNURA MICRURA



*Eudactylina* ~~valei~~ Nunes-Ruivo

1954--Nunes-Ruivo, pp. 26-29, fig. 6.

-- CASTRO ROMERO + BAEZA KUROKI 1991 b: 1438

Eudactylina valei Nunes-Ruivo

Mustelus canis, Nunes-Ruivo, 1962, p. 8, gills, Baía dos Tigres  
Benguela

E. valei, Castro & Baeza, 1987: 170

*Eudactylina vilelai* Nunes-Ruivo

1954---Nunes-Ruivo, Lidia, pp. 22-25, figs. 5.

EUDACTYLINA SP.

-- BENZ 1986: 219, BLUE SHARK