

Argulidae ----- ~~key~~ LEACH, 1819

Ringuelet, Raúl, 1948, pp. 293-295.

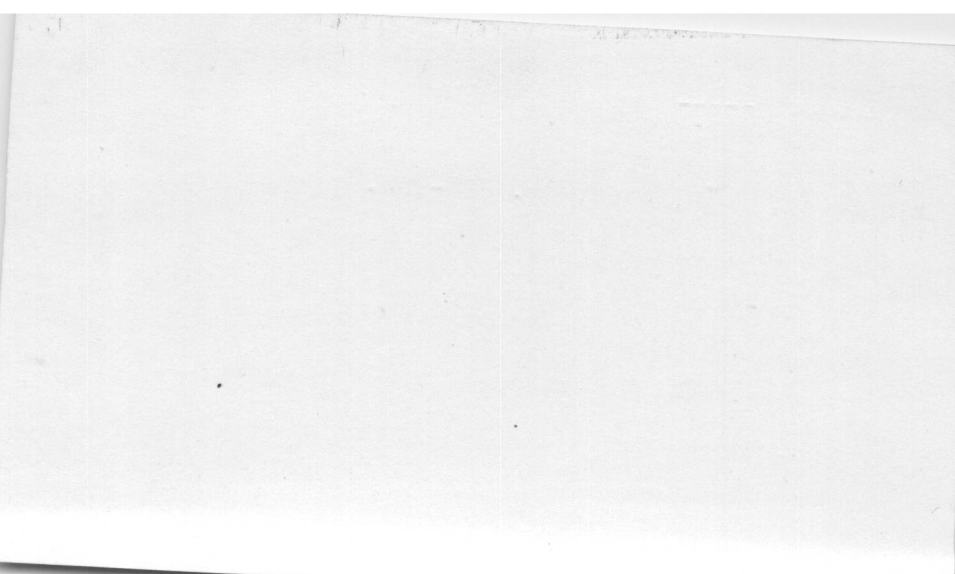
Causey, D., 1960, p. 71 (Freshwater).

- CRESSEY 1978: 1

- NERESHEIMER 1969b: 83, DIAGNOSIS

- THATCHER 1991: 491-492, DIAGNOSIS + KEYS TO NEOTROPICAL

- LÜLING 1953: 17



Fam. Argulina Burmeister 1834

- Burmeister 1834: 54



ARGULOIDEA

- LÜHING 1953: 13, 17



in Branchiura - Argulidae - Arguloida -

Argulus -

Müller, 1785

A. charon [Ⓟ]

Syn. Argulus Müller, 1785, p. 122.

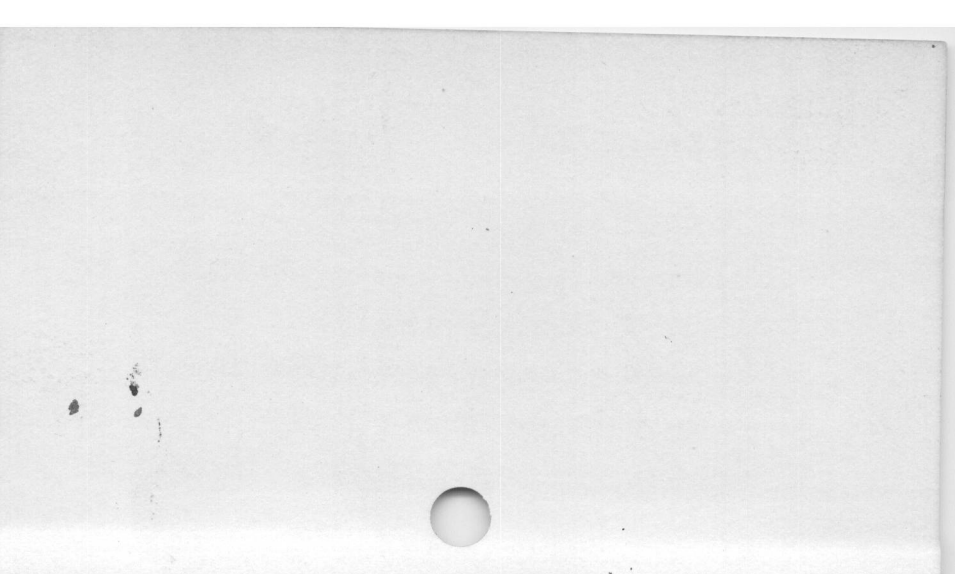
Monoculus (pars) Linnaeus, Fabricius, etc.

Ozolus Latreille, 1802.

Binoculus Geoffroy, Latreille, etc.

Argulus, a diminutive of Argus, in allusion to the number of parts in the compound eyes.

Argulus Dana, 1852, p. 1351.

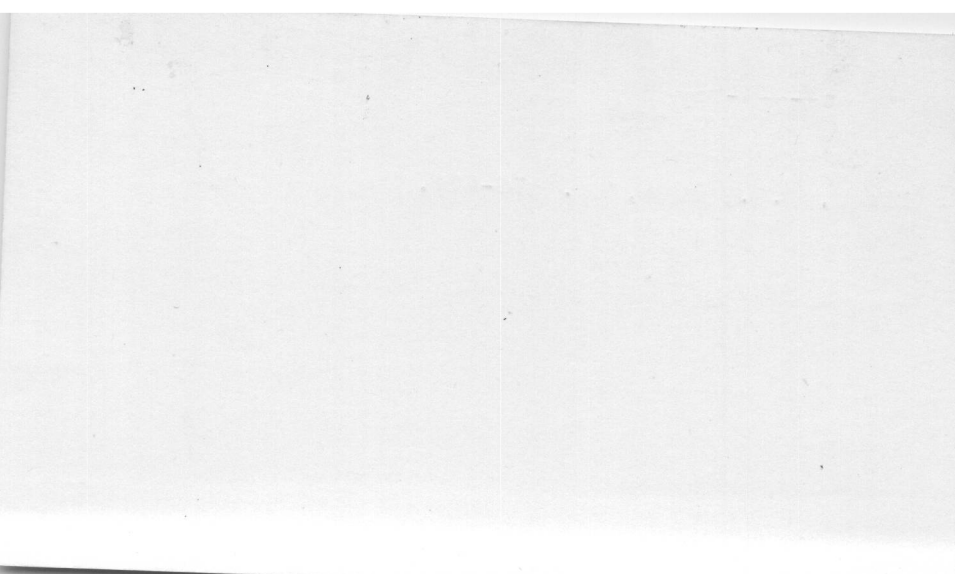


Argulus-----key

(2)

Wilson, C.B., 1944, pp. 576-579.

- AULOQUE, 1899: 206, pl. 97, 207.
- CRESSEY 1972: 1-13, KEY TO USA SPECIES.
- FRYER 1978: 368-369, KEY TO EUROPEAN SPECIES;
- 373,
- CRESSEY 1978: 1-10, KEY TO AMERICAN SPECIES.
- FRYER 1986: 155
- KABATA 1988: 114-123, DIAGNOSIS / KEY TO SPECIES
IN CANADA.



Argulus

--, Hessler, 1969, p. 205

- ZAMORA SANCHEZ 1974: 7

- CRESSEY 1983: 252-

- BURMEISTER 1834: 17-

- TIEMANN 1984: 49 - , FIG. 6, BODY PLAN

- THATCHER 1991: 490, 491, 492, CHECKLIST & KEY TO
NEOTROPICAL SPP. ; DIAGNOSIS

- LÜKING 1953: 17



Argulus africanus, Thiele, ^{Argulidae.} B. Z.

— —, Thiele, 1900, p. 47.

— —, Wilson, 1902, p. 727.

— —, Thiele, 1904, p. 37: pl. VIII, figs. 88-93.

— —, Cunningham, 1913, p. 277.

Host, Species of Clarias and Chromis —
Africa.

Clarias robecchii and Tates microlepis

Clarias anguillaris (Cunningham),

--- Cumington, 1915, p. 82, 83,
-- -- ? Capart 1956, pp. 486. no figs.

-- --, Fryer 1961. p. 52⁵³ hosts: Tilapia & Haplochromis is

-- --, Fryer 1963. p. 390

-- --, Fryer 1964. p. 99

-- --, Madsen, 1964, p. 3

-- FRYER 1956 b: 310 - on BAGRUS MERIDIONALIS, CLARIAS
spp., LAKE NYASA; FIGS. 5253; 323-325.

Argulidae - Arguloidae

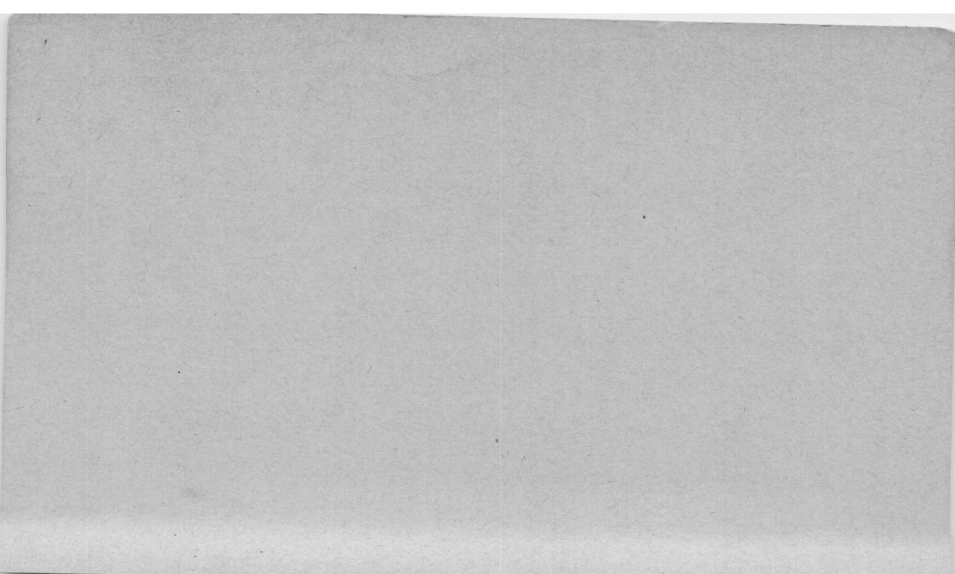
Argulus alexandrensis, n. sp. ♂,

— Wilson, 1923, p. 3: pl. 1, figs. 1-5.

— Capart, 1959: 121-122, fig. 37a-d

Host. Outside surface of Zeus faber.

South Africa.



Argulus alosae, ^{Argulidae.} Gould, ♀.

— —, Gould, 1841, p. 340. (text fig.).

— —, Shorell, 1864, p. 62.

— —, Smith, 1873, p. 575 (281).

— —, Rathbun, 1884, p. 485.

Host, Gills of Clupea vernalis, smelt,
Gasterosteus biculeatus.

- - Wilson 1902, p. 707: 1905, p. 121.
- - M. J. Rothman, 1905, p. 87.
- - Wilson, 1902, pl. XII: pl. XXVI, fig. 80: p. 707.
- - Fowler, 1912, p. 135: pl. 36.
- - Wilson, 1904, p. 121: 5 text-figures.
- - Wilson, 1932, p. 17: fig. 6:

--, Lestage, 1937, p. 103

--, Causey, 1959, fig. 6, 8

-- CRESSEY 1972: 3, 8, FIG. 1D, 4E

Argulus alosae Gould

card 2

-- Cressey 1978: 4, figs. 1, 2e, 4b, 6; p. 8, host list

-- KABATA 1988: 113, FIG. 51G-L, HOST RECORDS- CANADA

-- ZWERNER + LAWLER 1972: 85, CHESAPEAKE

-- PACKARD, A. 1879: 299, ALEWIFE



Argulus amazonicus Malta & Santos Silva, 1986

-- Malta & Santos Silva 1986:485-492, Figs. 1-10, n.sp.

female only, ex Cichla ocellaris & C. temensis; Brazil

-- Magalhães et al. 1988:276, types at INPA

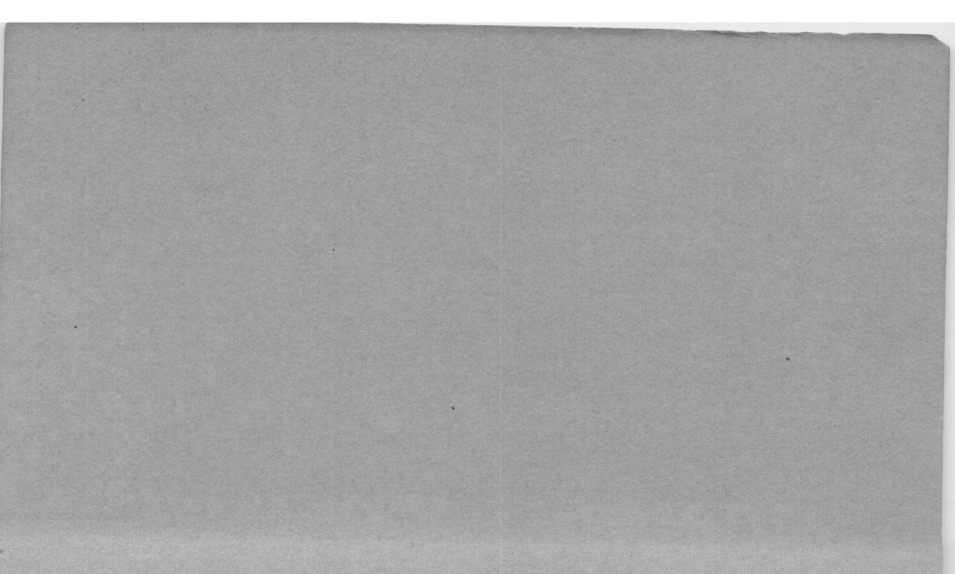
Argulus ambloplites new Species ♂, ♀.

— Wilson, 1920, p. 3: pl. 2. f. 11-19.

-- FRYER 1956b: 328

Host, Outside surface of -
Ophiocephalus obscurus.

Paradje, Dzungu River, Congo Basin
Africa.



Argulus americanus, n. sp. ♂. ♀.
Argulidae,

— —, Wilson, 1902, p. 718; pl. XXI:
pl. XXVI, figs. 84 - 86.

— —, Wilson, 1964, p. 627; figs. 1-21 (text).

— —, Wilson, 1916, p. 355.

— —, Causey, ¹⁹⁶⁰ ~~1960~~, p. 73, 74, fig. 7 (p 72)

Host, Amia calva, Linn.

Mississippi Valley.

— — Marsh, 1918, p. 787.

— — Wilson, 1919, p. 230

θ — —, Yeatman, 1965. pp. 100-107, fig. 15-24

-- Lemos de Castro & Gomes-Correa 1985: 52.

-- FRYER 1956 b: 325

-- PEARSE 1952: 187, FLORIDA, HOST BONY GAR,

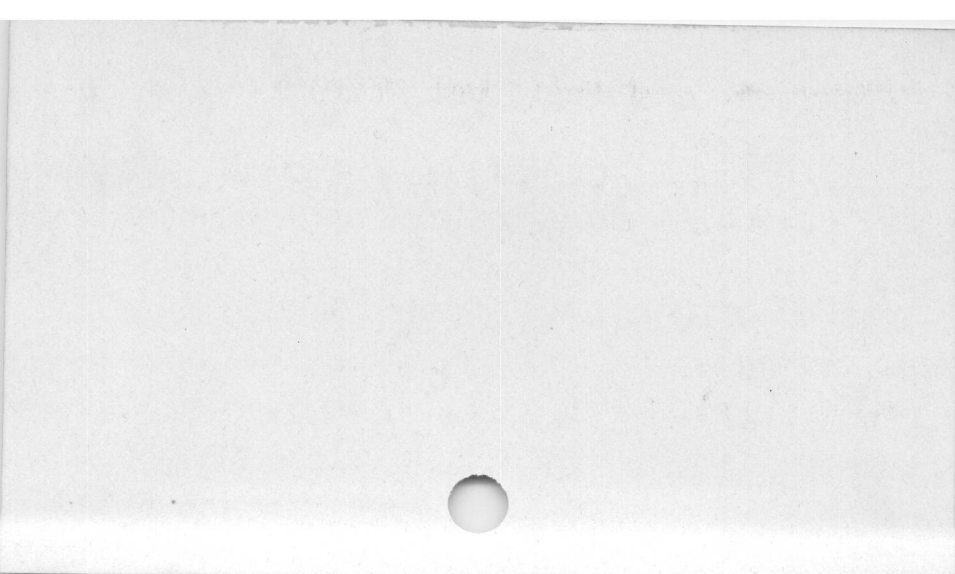
LEPISOSTEUS OSSEUS

Argulus angusticeps Cunningham ♀

—, Cunningham, 1913, p. 273: pl. 42, figs.
10-11: pl. 44, figs. 26-27.

Host. A single female found loose among
several small fish.

● Lake Tanganyika.
Africa.



Argulus annae Schuurmans Stekhoven

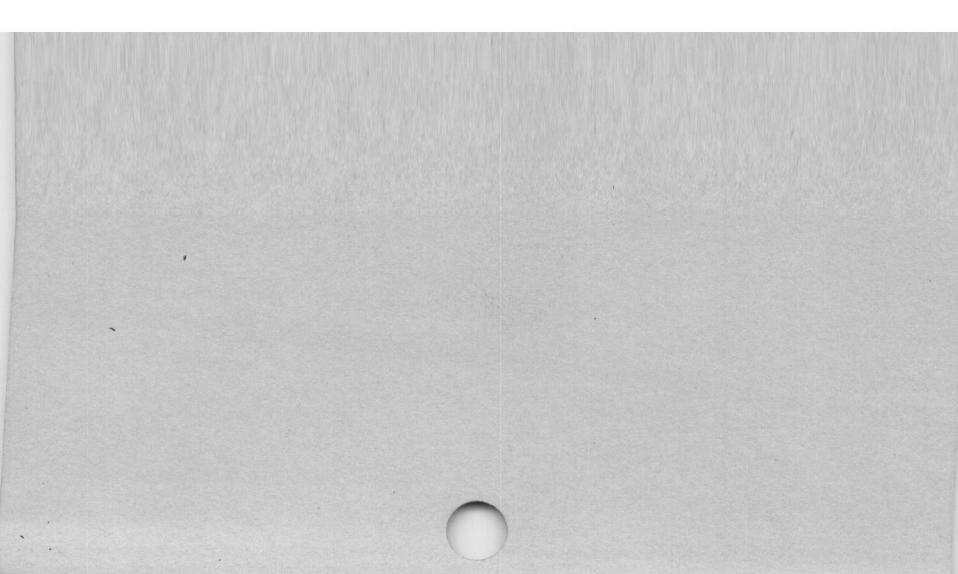
----- Schuurmans Stekhoven 1951, pp. 488-493.



- — — Wilson, 1907, p. 419; pl. 32, figs. 23-30
- — — Wilson, 1916, p. 353.
- — — Marsh, 1918, p. 787.
- — — Causey, 19~~19~~⁶⁰, p. 74
- Reed, 1962: 40

Host. Sucker, outside of body -

Montpelier, Vt.



Argulus arcassonneensis Cuénot, ♂. ♀.

— —, Cuénot, 1912, p. 117, plates I + II.

— —, Masson et Delamare Deboutteville, 1962. pp. 391-5, fig. 11-13

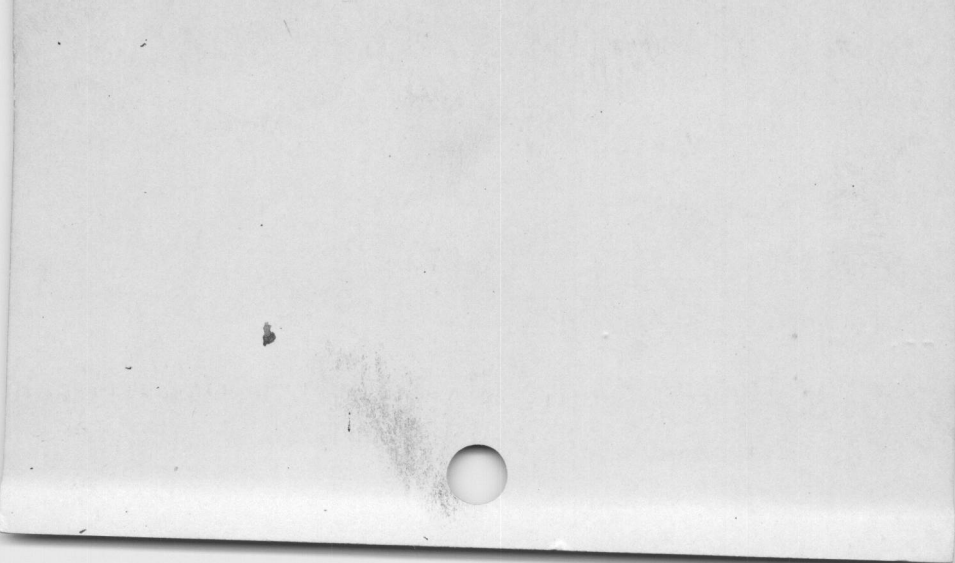
— —, Roland, 1963 pp. 90-99, fig. 1-5

— —, Dollfus, 1958, p. 61

--, Lestage, 1937, p. 97

Host. Trigla cuculus Bonn; Symphodus
melops L., & S. cinereus Bonn; Balistes
capriseus L.

Arcachon, France.

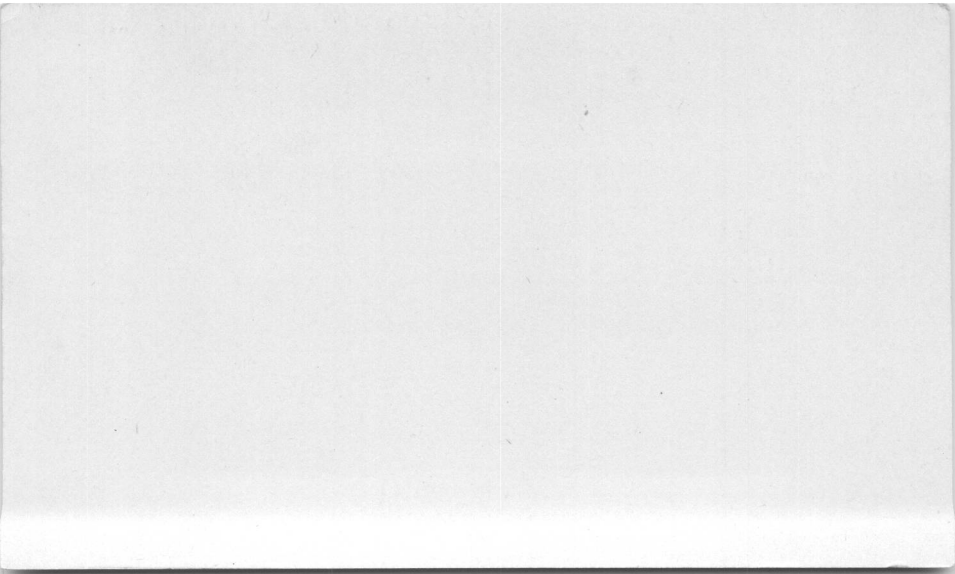


Argulidae - Arguloidea.

Argulus argulus Leach, ♀.

— — Leach, 1814, p. 388, Art. Crustaceology.

A synonym for Argulus foliaceus.
(Baird, 1850, p. 255).



Argulidae — Arguloidea —

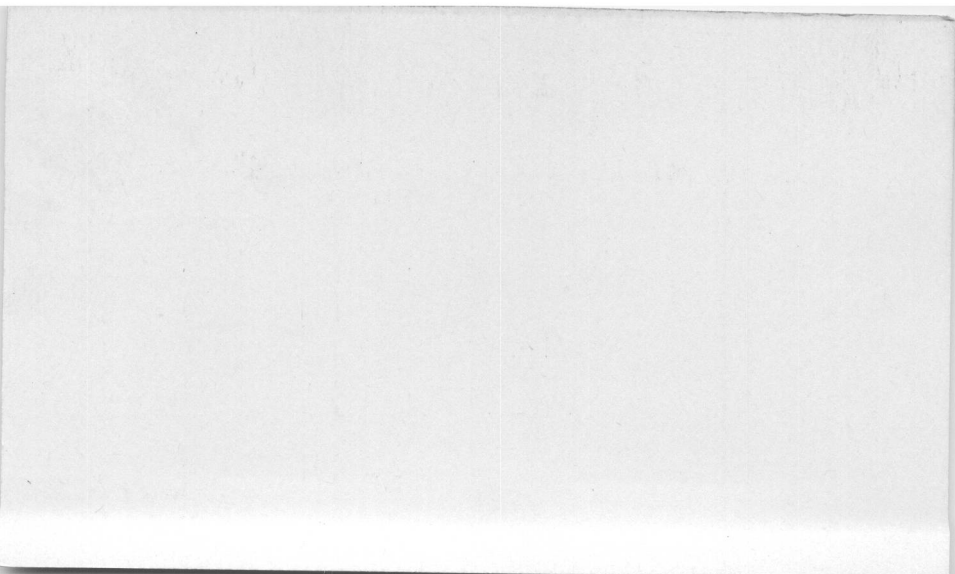
Argulus armiger (Müller), ♀.

Monoculus — Stabber, 1778, pl. 6, fig. 1.

Argulus — Müller, 1785, p. 124.

— — Thorell, 1864, p. 64 —

The larva of a cirriped •
(Thorell, 1864, p. 64.)



Argulidae -

Argulus belones, n. sp. van Kampen ♀

— — van Kampen, 1909, p. 443, figs. 1, 2, 3,
+ 4 in text.

— KENSLEY & GRINDLEY 1973: 128

Host. On Belone schismatorhynchus

Sumatra:

1875



Argulus bengalensis Ramakrishna, 1951

--, Yamaguti & Yamasu, 1959, p. 172



Argulidae - Arguloida

Argulus bicolor Bere ♂ ♀

— — Bere, 1936, p. 580: pl. 2, figs. 17-23

-- CRESSEY 1972: 3, 8 FIG. 1E

-- ZWERNER & LAWLER 1972: 85, CHESAPEAKE BAY,
HOST RECORDS.

Host. Skin of Strongylura notalus and
Archosargus unimaculatus Florida.



Argulidae - Arguloidea

Argulus biramosus Bere, ♀.

— — Bere, 1931, p. 428: pl. 9, figs. 1-7

-- BERE 1935: 83; ^{1-4, ♂} WISCONSIN; ROCK BASS, ? PIKE; FIGS.

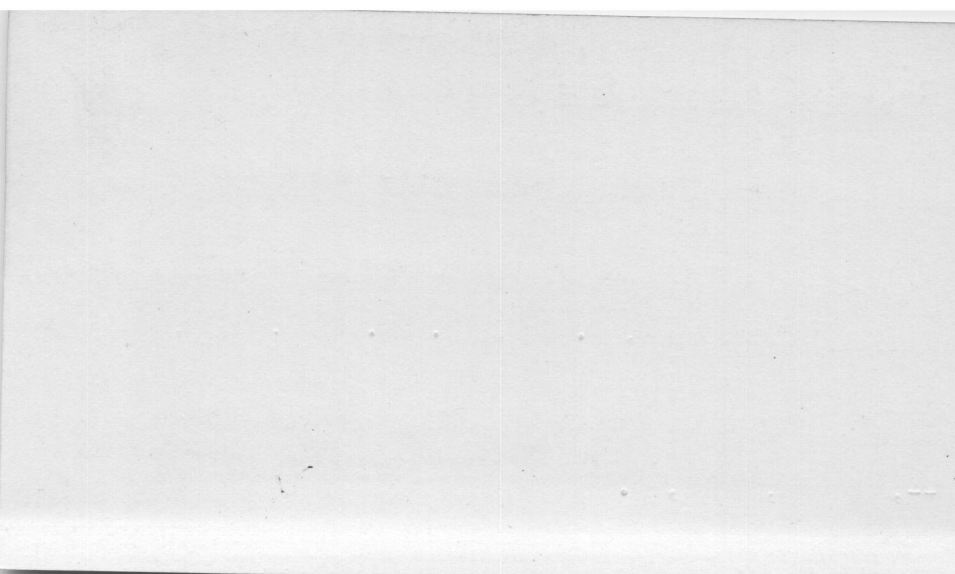
Synonym of *A. appendiculosus*. Wilson, Meehan, 1940.

___ Wilson, 1944, p. 568, pl. 20. figs. 2, 4, 6

Host. Yellow Perch, Little Star Lake

--, Kabata, 1970, p. 67

-- DECHTIAR + NEPSZY 1988: 55. LAKE ERIE



Argulidae - Arguloida -
Argulus borealis, n. sp. ♂, ♀.

— — Wilson, 1912, p. 85: pl. III.

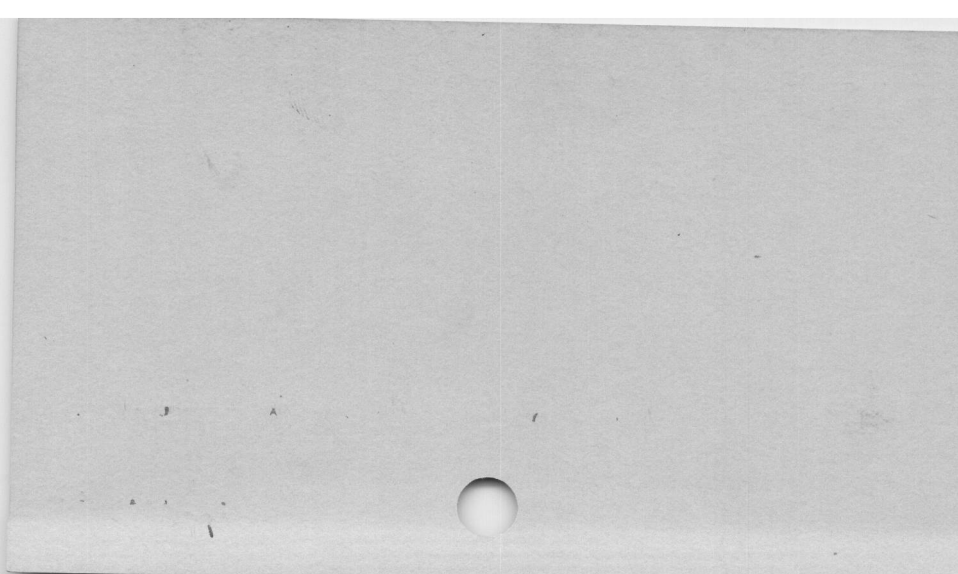
— — Fraser, 1920, p. 48.

-- CRESSEY 1972: 3, 7 FIGS. 2A, 3B, 4A

-- KABATA 1988: 119, FIG. 52 A-F, HOST RECORDS, CANADA

Host. Outside surface of Toepidopsetta
bilineata & Cymatogaster aggregatus

Nanaimo, B.C.



Argulus brachypeltis Fryer

1959---pp. 536-540, figs. 45-56.

Argulus appendiculosus Wilson, 1907

card 2

- Cressey 1972: 3,10, Fig. 3A - USA
- CRESSEY 1978: 7, 8, FIGS. 3C, 15; HOST LIST.
- KABATA 1988: 116, FIG. 50A-E, HOST RECORDS - CANADA
- FRYER 1982: 10, BRITISH RECORDS = A. COREGONI
- AVENANT, LOOTS, + VAN AS 1989: 150

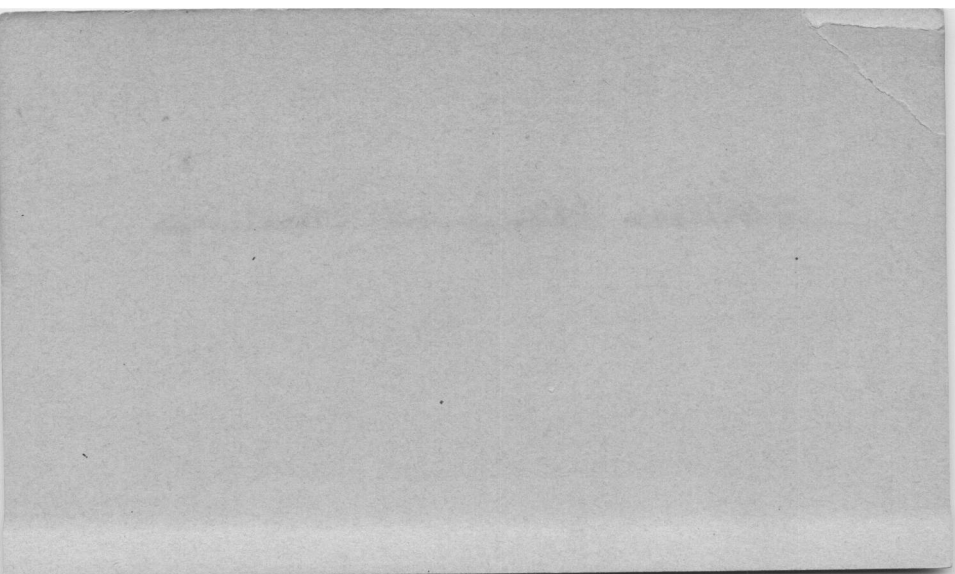
Argulidae - Arguloida

Argulus caecus new species.

— — Wilson, 1922, p. 1: pl. 1, figs. 1-5

Host. Captured free at depth of 3 m.

Japan -



Argulidae - Arguloida.

Argulus canadensis New Species, ♂ ♀.

— —, Wilson, 1916, p. 348: pl. 60, f. 1-6.

— — ♂ Wilson, 1936, p. 355: 9 text-figs

Meehean 1940, p. 479 = A. stizostethii

— — Wilson 1944, p. 568, pl. 20. figs. 8, 10, 12, 14

Host. In Coregonus & Acipenser and
Gasterosteus bispinosus & Salmo fontinalis
Lake-of-the-Woods,
Lake Ainslie, Cape Breton Island.

-- -- , 1956- Bowman, T., ^{in Davis} PP. 315 Am Shad. Conn. River.

-- KABATA 1988:123, ? JUNIOR SYN. OF A.

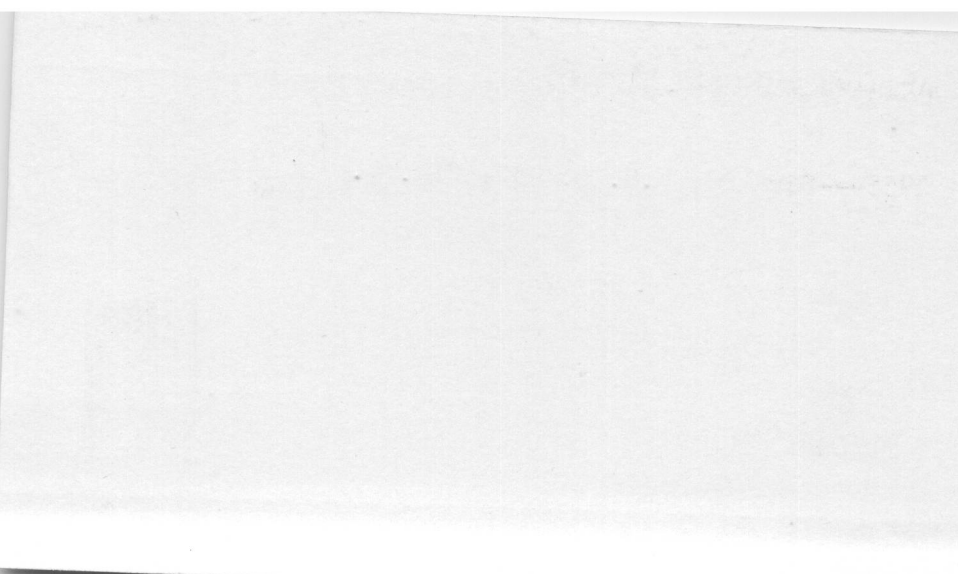
STIZOSTETHII

-- HOGANS, DADSWELL ET AL. 1993: 942, TAB. 1,
CONNECTICUT RIVER, USA- EX ALOSA

SAPIDISSIMA

Argulus capensis Barnard

1955---Barnard, K.H. p. 232, fig. 4.



Argulidae - Arguloidae

Argulus carteri Cunningham, ♀.

— — Cunningham, 1931, p. 261: pl. 14. figs. 8-9:
pl. 15. figs. 10-14.

— — Ringuélet, 1943, p. 95

- THATCHER 1991: 492, Figs. 9-4A-C

Host. On Characid fish Hoplias malabaricus
Paraguayan Chaco.



Argulidae.

Argulus catostomi, Dana & Herrick ♀, ♂.

— —, Dana & Herrick, 1837, p. 297; pl. n.n., figs. 1-11.
-308, CONNECTICUT, USA

— calostomi (error), M-Edwards, 1840, p. 445.

— catostomi, Thorell, 1865, p. 60.

— —, Wilson, 1902, p. 709; pl. XIII, figs. 19-22.

— —, Thiele, 1904, p. 25; pl. VII, figs. 53-58.

— —, Causey, ¹⁹⁶⁰ ~~1960~~, p. 73, 74

Host. Gill cavity of Catostomus bostonensis,
& Erinyzon sucetta oblongus.
North America.

- —, Fowler, 1912, p. 497.
— —, Wilson, 1916, p. 355; 1904, p. 123.
— —, Smith, 1874, p. 662.
— —, Wilson, 1907, b. p. 411: pl. 29, fig. 1-9.
— —, Marsh, 1918, p. 787: text-fig. 1241.
— —, Wilson, 1919, p. 230.
— —, Wilson, 1932, p. 14: fig. 3:
-- CRESSEY 1972: 1, 3, 9 FIG. 1A - USA
-- CRESSEY 1978: 6, 8, FIGS. 3b, 12; HOST LIST.

Argulus catostomi Dana & Herrick 1837

card 2

-- Kabata 1988: 116-119, Fig. 50F-I, host records, Canada

-- DECHTIAR ET AL. 1988: 26-, LAKE HURON

-- DECHTIAR & NEPSZY 1988: 55-, LAKE ERIE

-- DECHTIAR & CHRISTIE 1988: 72-, LAKE ONTARIO

-- MUELLER 1937: 412-415, NEW YORK; HOST

CATOSTOMUS COMMERSONII

-- CATASTOMI, BERE 1955: 83-, WISCONSIN, SUCKER

-- ? CATASTOMI, WILSON, C. B. 1901: 332-333, WARREN, MASS-

ACHUSETTS, ON OARP & BASS

Argulus cauveriensis Thomas & Devaraj

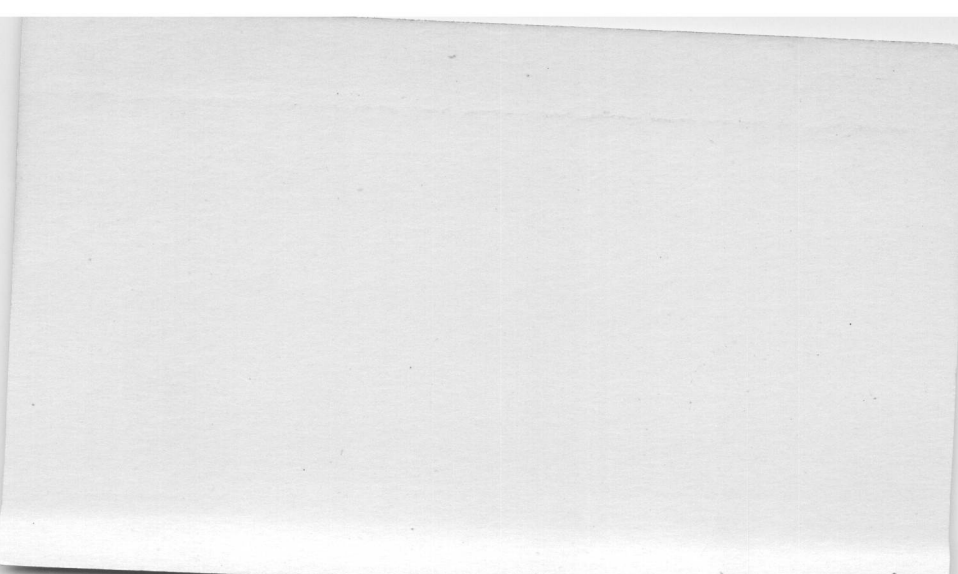
-Thomas & Devaraj, 1975: 216-218, fig. 1m-g

Argulidae.

Argulus charon Müller, ♀

- Müller, 1785, p. 122: pl. 20, figs. 1 & 2.
- Latreille, 1818, p. 100.

A synonym of Argulus foliaceus
(Baird, 1850, p. 255).



Argulus chesapeakeensis Cressey, 1971

- - Cressey, 1971. p.255
- CRESSEY 1972: 3, 8 , FIG. 6 D - USA
- CRESSEY 1978: 5, FIGS. 2b, 10a, b; p. 8,
HOST LIST.

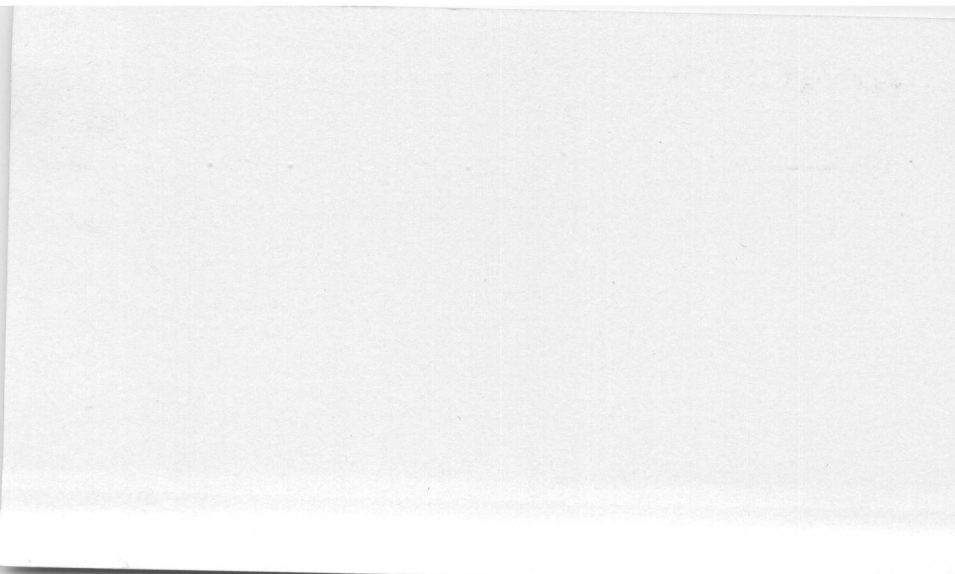


ARGULUS CHICOMENDESIS MALTA + VARELLA, 2000

-- MALTA + VARELLA, 2000: 481-487, FIGS. 1-17, N.SP.,
AMAZONAS, BRAZIL; EX COLOSSOMA MACROPOMUM ETC.

Argulus chilensis Martinez

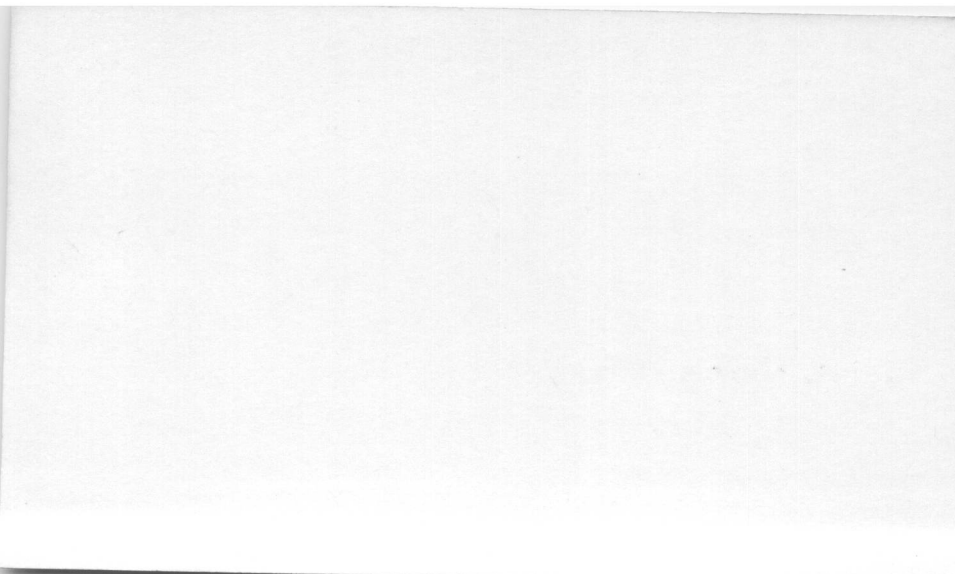
1952---Martinez, Rubén, pp. 4-9, figs. 1-5.



Argulus chinensis Ku + Yang, 1955

— —, Ku + Yang, 1955.

— —, Wang, 1958



Argulus chronidis, ^{Argulidae.} Kröyer, ♀. ①

— —, Kröyer, 1863, p. 18: pl. I, figs. 2a-c.

— —, Thorell, 1864, p. 61.

— —, Wilson, 1902, p. 721; pl. XXII, fig. 62.

— —, Ringuélet 1943, p. 94

— —, Causey 1960, p. 324

Host: Gill cavity of Chronis sp.

Lake Nicaragua -
Central America.



Argulus chromidis Kröyer

card 2

-- Reddell 1981: 81

- THATCHER 1991: 492, FIG. 9-12

Argulus coregoni, Thorell, ^{Argulidae.} ♂. ♀.

———. Thorell, 1865, p. 25: pl. II. figs. 1—11;
pl. III. figs. 13—19: pl. IV, figs. 38—40.
———, Claus, 1875, p. 278: pl. XVI, figs. 23, 24,
26: pl. XVII. fig. 36b.: pl. XVIII, fig. 47.

Host, Coregonus lavaretus, Linn.: Thymallus
vulgaris, Nilsson: Salmo trutta, Linn.
Phoxinus laevis s.
Europe.

- —, Nettovich, 1900, p. 2: pl. I, figs. 3, 10.
— —, Wilson, 1902, p. 724: pl. XXIV, figs. 70, 71.
— —, Thiele, 1904, p. 35: pl. VIII, figs. 83-87.
A. phoxini, Leydig, 1871, p. 5: plates I & II.
— —, Wilson, 1902, p. 728: pl. XXVII, fig. 91.
— —, Gadd, 1904, p. 46.
— —, Hofer, 1904, p. 148.
— —, Kessler, 1868, p. 94.
— —, Markewitsch, 1934, p. 83:
— —, Hoshina, 1950 p. 239-243 (19-23), fig. 1-3.

Argulus coregoni Thorell 1864.

-- --, Romanovski, 1954, pp. 32-38, figs. 26-36..

-- --, Hradil, 1958. East Czechoslovakia on Barbus barbus +
Vimba vimba.

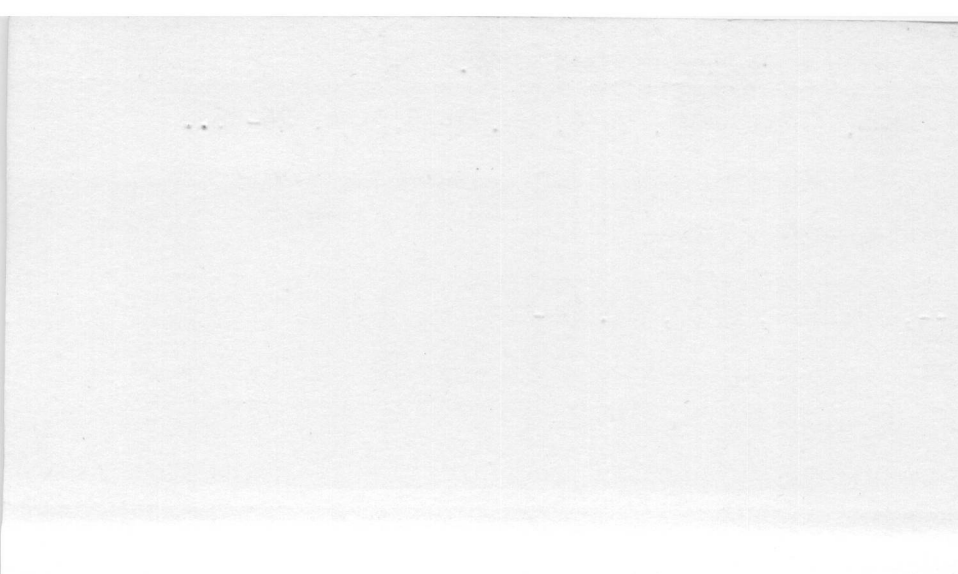
-- --, Wang, 1958. China

--, Lestage, 1937, pp. 91-104

--, Lestage, 1936: 231-236

--, Markevich, 1933: 19

--, Shulbman, et al, 1974: 52



Argulus coreyoni

Gurney, 1948.

- , madsen, 1964, p. 3
- , SHIMURA & INOUE, 1984: 729.
- FRYER 1978a: 368-369, FIG. 1.
- NERESHEIMER 1909b: 83, 84, FIG. 345, GERMANY
- FRYER 1982: 46-47, FIGS. 69-72, BRITAIN
- NAGASAWA ET AL. 1987: 38-, HOST LIST, JAPAN
- KUANG 1991: 394, YUNNAN PROVINCE, CHINA



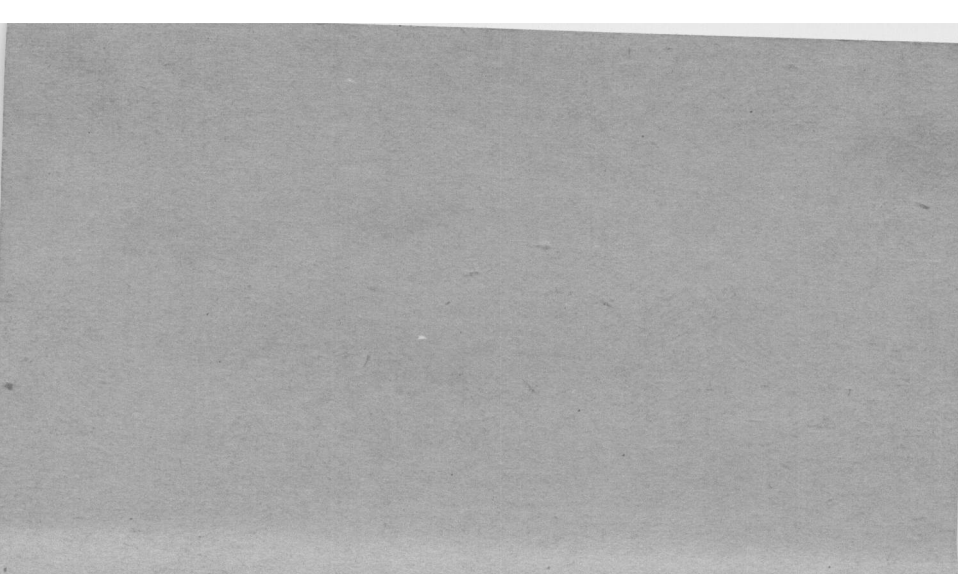
Argulus cubensis Wilson, ♀♂

— — Wilson, 1936, p. 110: text-figs. 10-15

— — Ringuelet 1943, p. 95

— — THATCHER 1991: 492, FIGS. 9-8 A-C

Host, Gill arches. Cichlasoma tetracanthus,
Fresh water, Cuba.



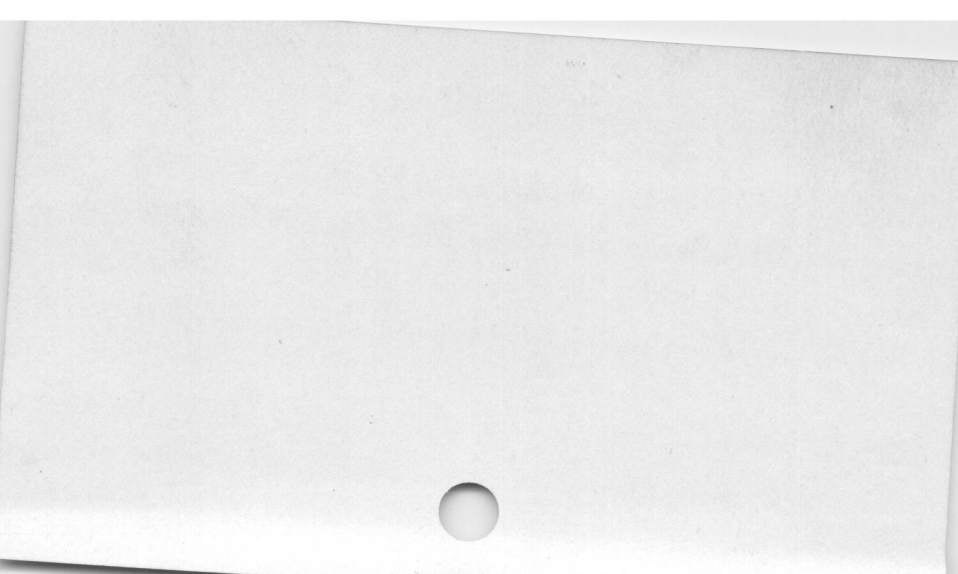
Argulidae.

Argulus doctylopteri, Thorell, ♀. ♂

— —, Thorell, 1865, p. 609: pl. 16, fig. 1-13.

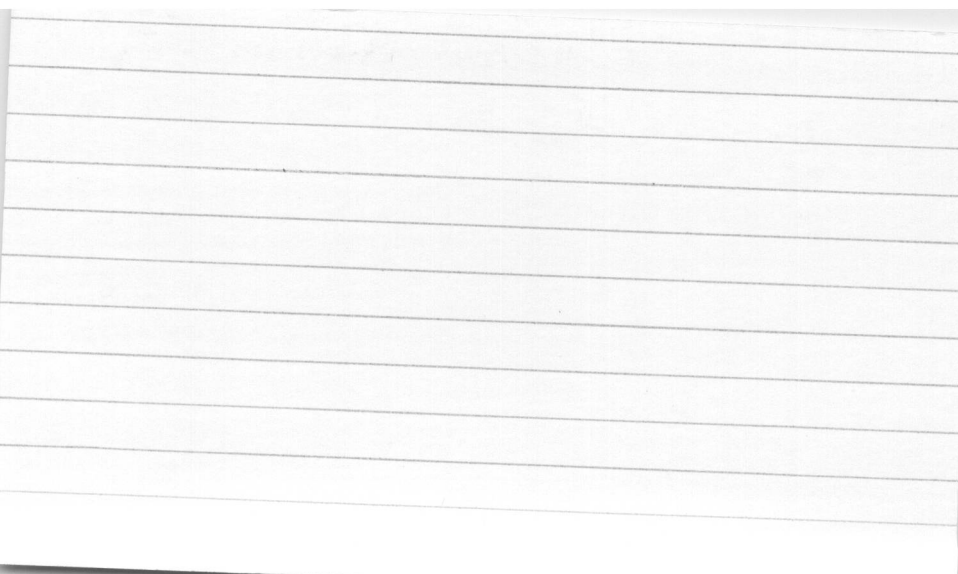
— —, Wilson, 1902, p. 726: pl. XXIII, figs. 67
+ 68.

Host. Gill cavity of Doctylopterus volitans
East Indies.



Argulus dageti Dollfus and d'Aubenton

-- Dollfus, d'Aubenton 1960 : 183 figs 21-28



Argulidae

Argulus dartervelli Brian

— — Brian 1940, p. 87, + figs. ♀, Africa.
Host: Polynemus quadrifilis, branch.
cavity.

-- CARLI & BRUZZONE 1973b: 129



Argulidae,

Argulus delphinus Müller, ♀

— —, Müller, 1785, p. 123

— —, Oken, 1815-6, p. 359.

a synonym for A. foliaceus.
(Baird, 1850, p. 255).



Argulidae-Arguloidea

Argulus diversus

Wilson 1944, p. 572. see also p. 571
new name proposed for A. maculosus Meehan 1940

-- --, Yeatman, 1963. pp. 100-107, fig. 1-14

-- CRESSY 1972: 3, 9, FIG. 5.H - USA



Argulidae.

Argulus elongatus, Heller, ♀.

- , Heller, 1857, p. 106: pl. III, figs. 1-4.
---, Thorell, 1864, p. 63.
---, Wilson, 1902, p. 722: pl. XXII, fig. 61.
---, Thiele, 1904, p. 42: pl. IX, figs. 102-109.
This is a synonym of Argulus multicolor -

Host, Host unknown.

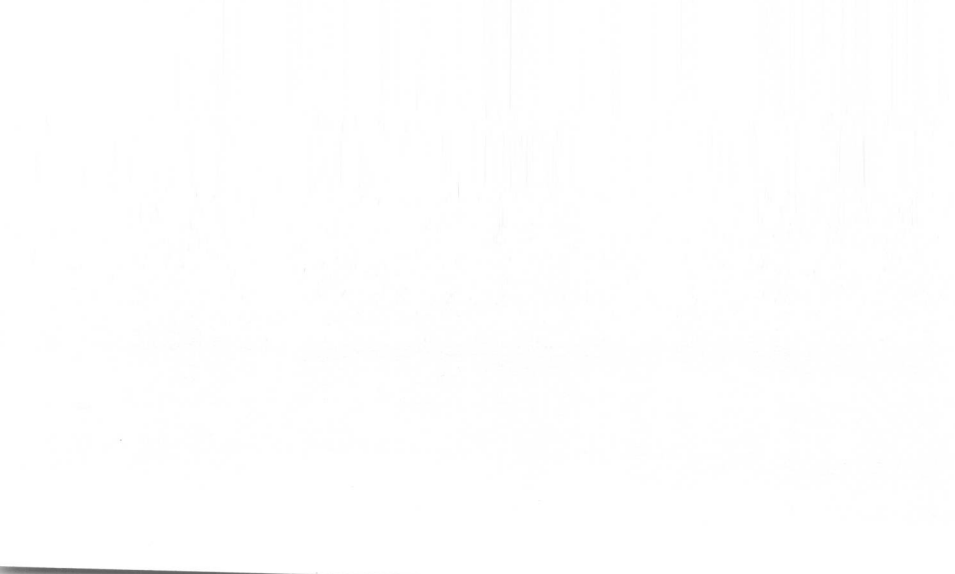
Locality unknown.
Brazil (Thorell, 1864).

— — . Moreira, 1912, p. 146.

— — Moreira, 1913, p. 8.

— — Ringuelet 1943, p. 94

-- THATCHER 1991: 492, FIG. 9-9



Argulus excrucis Cunningham ♂

— —, Cunningham, 1913, p. 272: pl. 42,
fig. 9: pl. 43, figs. 21-22.

Host. Outside surface, Simochromis dia-
gramma.

Toake Tanganyika -
Africa.



Argulus flavescens, New Species, ♀.

— — Wilson, 1916, p. 349; pl. 61, fig. 7-12.

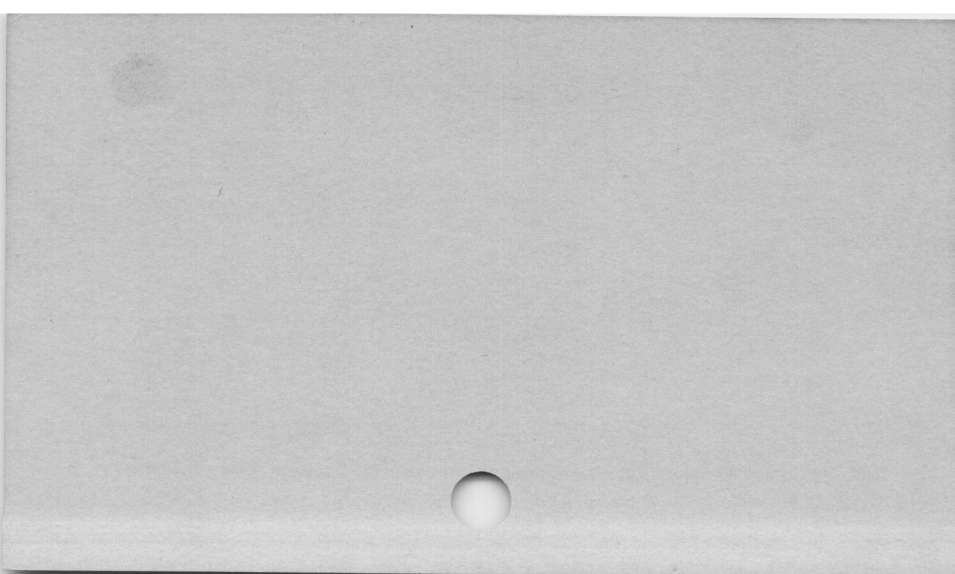
— — , Causey, ¹⁹⁶⁰ ~~1960~~, p. 71, 74

-- CRESSEY 1972: 1, 3, 8, FIG. 6A - USA

-- OVERSTREET 1978: 85, SOUTHERN FLOUNDER, GULF OF
MEXICO.

Host, Outside of dogfish, Amia calva

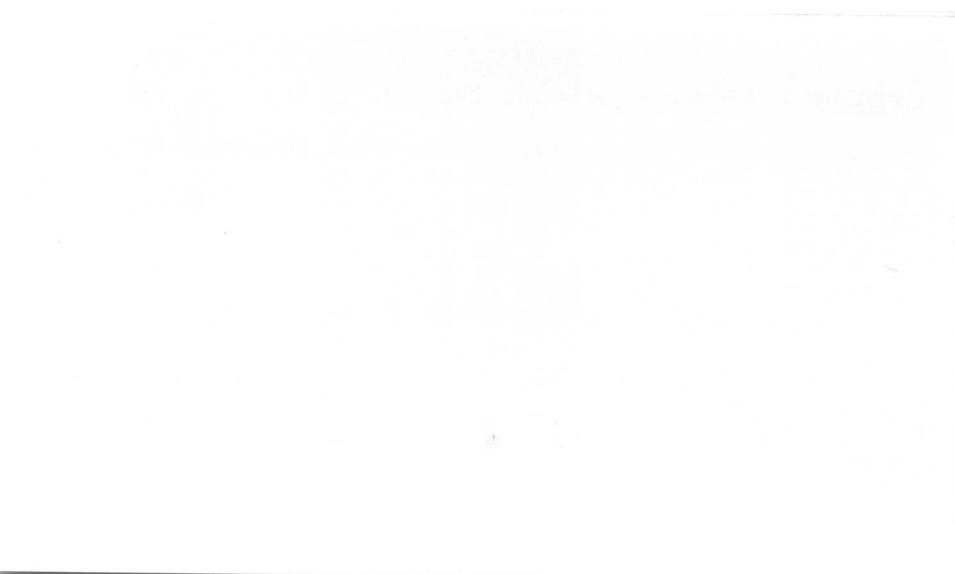
Fairport, Iowa.



Argulus flavescens Wilson, 1916

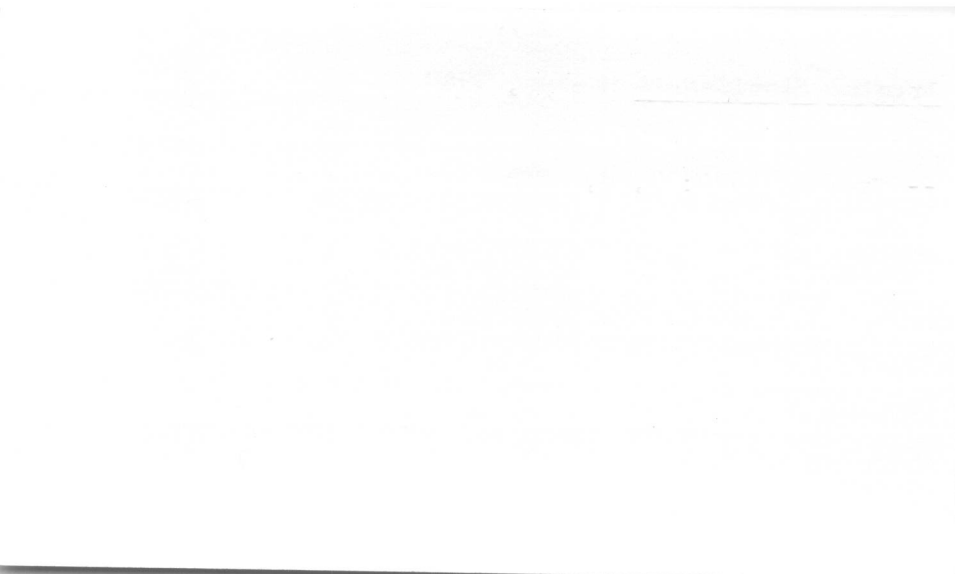
card 2

-- Kabata 1988: 123, Fig. 53F-K, host records, Canada



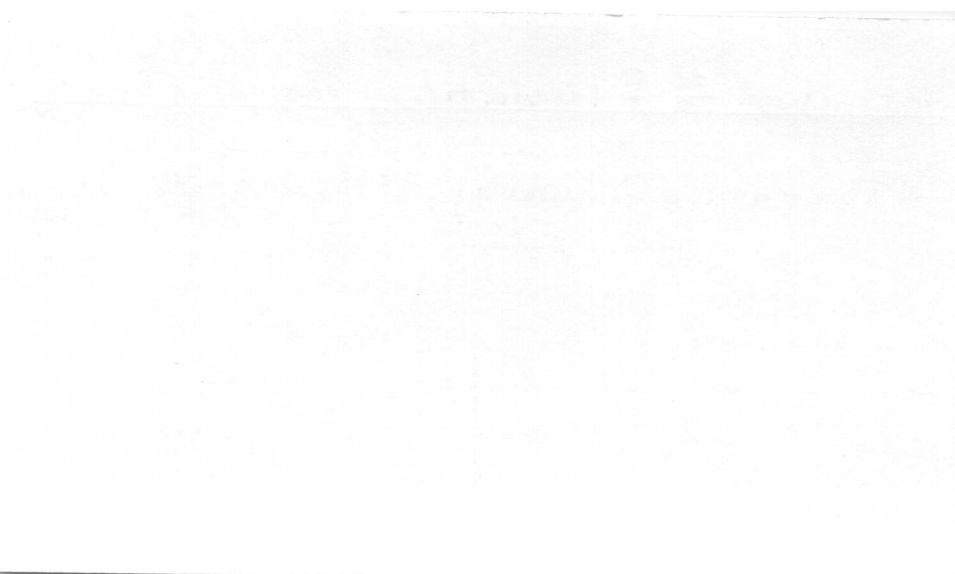
Argulus floridensis Meehan, 1940

-- Cressey 1972: 3, 7, USA



Argulus ~~fluvialis~~ fluvialis Thomas & Devaraj

- Thomas & Devaraj, 1975: 215-216, fig. 1a-e



Argulus foliaceus (Linn. 1758)

Pou des Poissons, Baldner's mss. 1666.

Monoculus cauda foliacea plana, Boeckling, 1751,
p. 42: pl. x. 1, figs. A/B. C. 10.

Pou de Gasteroste; Pou de la Carpe. Baker, 1753.

Monoculus foliaceus. Teinmaeus, 1758 & 1761,
p. 634 p. 2045

Host, Gasterostei spp.; Cyprinus carpio:
Abramis brama: Leuciscus rutilus: Tinca
vulgaris: Esox lucius: Perca fluviatilis
Salmo trutta: Tadpoles of Rana.

- Monoculus piscinus*, Timmaeus, 1761, p. 2045
Binoculus gasterosteus, Geoffroy-Saint-Hilaire, 1762,
Insectum aquaticum, Terdemuller, ^{II, p. 661, fig. 3.} 1764, ^{I, p. 76}
Argulus charon, Müller, 1785, p. 723. [pl. XXXVII
Argulus delphinus, Müller, 1785, p. 123: pl. 20. f. 1-2
Monoculus argulus, Fabricius, 1792-1794, II, p. 489.
Monoculus gyrini, Cuvier, 1798, p. 454. [XXIX. f. 4
Ozolus gasterostei, Latreille, 1802, IV, p. 128: pl.
Argulus foliaceus. Turine ^{Gil's,} 1806, p. 431: pl. XXVI.
Pou de tetard, Cuvier, 1802, (Memoir & plates)
— —, Hermann, 1804, p. 131: pls. V & VI.

Argulus foliaceus

Binoculus gasterosteus, Latreille, 1806-9, I, p. 14.

Ozobus gasterosteus, Latreille, 1817, IV, p. 128

Argulus foliaceus, Turine, 1820,

— —, Lesmarest, 1825, p. 331: pl. Lc.

— —, Latreille, 1829, IV, p. 195.

— —, M-Edwards, 1840, p. 444.

— —, Vogt, 1845, p. 12 (3): pl. l. g. 1-12.

— —, Leydig, 1850, p. 323: pls. XIX, XX.

— —, Baird, 1850, p. 255: pl. XXXI, figs. 142.

- —, Chenu, 1858,
— —, Gagenbaur, 1859, p. 245.
— —, Thorell, 1864^a, p. 59.
— —, Claus, 1875, p. 217: pls. XIV—XVIII,
— —, Carphin, 1895, p. 255.
— —, Wilson, 1902, p. 722: pl. XXIV, fig. 69.
— —, Thiele, 1904, p. 40: pl. IX, figs. 99-101.
— —, F. N. Clark, 1903, p. 12, 2 plates.
— —, Gadd, 1904, p. 45.
— —, Trøydige, 1889, pp. 1-51; pls. I-V
A. delphinus - Oken, 1815-16, p. 359.
— foliaceus - Hofer, 1904, p. 148.

- — — Kessler, 1868, p. 93.
 — — — Latreille, 1817, III, p. 65.
 — — — Leach, 1816, p. 405.
 — — — Léger, 1906, p. 4. Argulids and Salmon Culture.
 Monoculus delphinus Gmelin, 1788,
 Louse of the Carp, Baker, 1753, p. 374: pl. 14, §. 14.
 Louse of the Banstickle, Baker, 1753, p. 376:
 Pediculus cyprini Baker, 1764. pl. 14, §. 15
 Pediculus percae Baker, 1764, pp. 405 & 489: pl. 14,
 Fisch-lauss Friesch, 1738, p. 27, vol. 6: figs. 14 & 15
 pl. 10, §. 1. a.

Argulus armiger Slabber, 1778, pl. 6, fig. 1.
— — Müller, 1785, p. 124.

— *foliaceus* - A. Scott, 1901, p. 348.

— — T. Scott, 1900, p. 179.

Monoculus cyprinaceus Shaw, 1789-1800, vol. 18, pl. 736

Argulus foliaceus Leach, 1819, p. 529.

— — Lamarck, 1818, vol. 5, p. 207.

— — Guerin, 1829-1844, pl. 35, fig. 1.

— — Burmeister, 1833, b, p. 332.

— — Thompson, 1840, p. 221.

— — Garner,

— — Bosc, 1802, vol. 2, p. 220.

— — Krøyer, 1837, p. 190.

A. foliaceus (4)

- A—delphinus Hermann, 1804, pl. 5, f. 3: pl. 6, f. 11.
— — Latreille, 1818, p. 100: pl. 334, f. 1-22.
A—charon Latreille, 1818, p. 100.
A—argulus Treach, 1814, vol. 7, p. 388.
Monoculus delphinus Gmelin, 1788,
— — Manuel, 1792, vol. 7, p. 730.
A—foliaceus Meissner, 1904, p. 60.
— — Ruscki, 1889,
— — Steuer, 1928, unnum. p.: figs. 1-2, text.
— — Markewitsch, 1934², p. 244.

- --, Chen, 1933, p. 241; fig. 1 - Prevention in fish ponds.
- --, Romanovski, 1954, pp. 27-29, fig. 1-12. Synonymy. Czechoslovakia.
- --, Hora, 1943, pp. 66-67. Mortality to carp fisheries in Bengal.
- --, Hradil, V. 1958. East Czechoslovakia, on Cyprinus carpio +
Carassius carassius.
- --, Kollatsch, 1959. Germany. Biology + Ecology.
- --, Kabata, 1970, p. 87
- --, Lestage, 1937, p. 95

Argulus ichesi Bouvier, 1910

-- Thatcher 1991: 492, Fig. 9-11

Argulus indicus, Weber. ♀. ^{Argulidae.}

— —, Weber, 1892, p. 544: 1 text-fig.

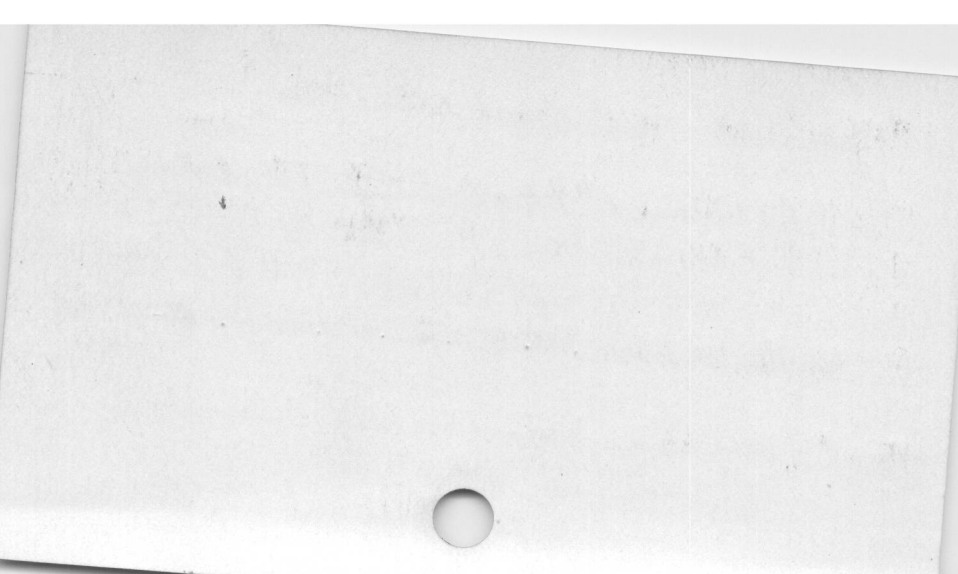
— —, Wilson, 1902, p. 727.

— —, van Kampen, 1909, p. 447, figs. 5+6 (text).

— —, ♂ Wilson 1944, p. 552, pl. 22, figs. 34-39, 48

Host, unknown.

East Indies.



Argulus ingens, new species ♂, ♀.

— —, Wilson, 1912, p. 233; pl. 30+31, fig. 7.

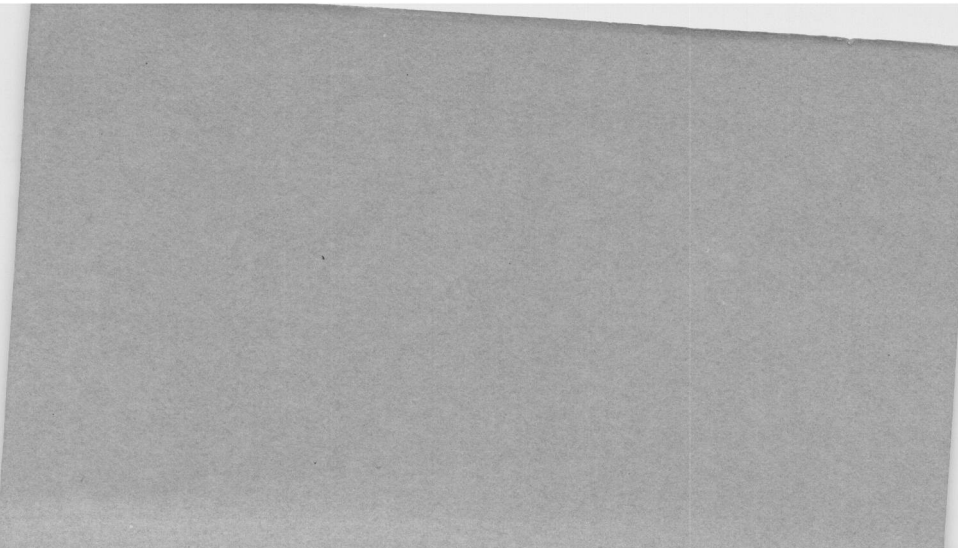
— —, Wilson, 1916, p. 354.

— —, Marsh, 1918, p. 788.

— —, nobilis, Wilson, 1924, p. 2. a synonym of nobilis

Host. Mouth of Alligator gar, Lepisosteus
tristoechus

Moon Lake, Miss.



Argulidae-Arguloidea

~~Argulus intectus Wilson~~

Wilson 1944, p. 553-5, pl. 22, figs. 40-47. ♀ ♂
Host: scup (*Stenotomus chrysops*). Woods Hole.



Argulus japonicus, Thiele, ♂. ♀. ^{Argulidae.}

— —, Thiele, 1900, p. 48.

— —, Wilson, 1902, p. 727.

— —, Thiele, 1904, p. 39: pl. VIII, figs 94-98.

— —, Wilson 1944, p. 558, pl. 24, figs. 67-73

— foliaceus, Nettovich, 1902.

Host, From Goldfish at Gaddo + Tokohama.

— japonicus Tokioka, 1936 a, b; 1939.

— pellucidus, Romanovsky, 1956.

japonicus Romanovsky 1956. Distr. synonymy

(over)

- —, Wang, 1958. China
not — —, Ku et al, 1956, (= A. coregoni Thorell)
-- --, Heegaard 1962. p. 151, fig. 4-7
— —, Causey, ~~1960~~¹⁹⁶⁰, p. 73, 74
-- , Kabata, 1970, p. 142
-- , Hessler, 1969, fig. 79

Argulus japonicus

card 2

- , Pilgrim, 1967, p. 395-398 (new record in New Zealand)
- CRESSEY 1972: 3, 8, FIGS. 2D, 5D
- KOGA 1984b: 108
- FRYER 1978b: 368-372, FIGS. 2, 3; A. PELLUCIDUS
WAGLER POSSIBLY A SYNONYM.
- CRESSEY 1978: 1, 5, FIGS. 2a, 4a, 8; p. 8, HOST LIST
- CRESSEY 1983: 254-
- FRYER 1982: 45, 50-52, FIGS. 81-82
- FRYER 1956b: 325

Argulus japonicus Thiele, 1900

card 3

- Nagasawa et al. 1989:17-, host Cyprinus carpio, Japan
- KUANG 1991: 393, YUNNAN PROVINCE, CHINA
- NAGASAWA 1994: 83; REVIEWS RECORDS-HOKKAIDO
- AUVENANT, LOOTS, + VAN AS 1989:142



Argulus jollymani Fryer, 1956

-- Fryer 1956b:325-328, figs. 54-60, n. sp. ♀♂, hosts
Haplochromis fenestratus and other Haplochromis spp.,
Lake Nyasa, Africa

Argulus juparanaensis Lemos de Castro, 1950

-- Thatcher 1991: 492, Figs. 9-2 A-D & 9-17



Argulus kunmingensis Shen, 1948

Contr. Inst. Zool., Nat. Acad. Peiping, 4: 157-159,

pl. XVII.

Market and lake, Kunming, China

-- KUANG 1991: 343, 348, YUNNAN PROVINCE, CHINA

Argulus kusafugu Yamaguti & Yamasu, 1959

n. sp. Yamaguti & Yamasu, 1959, pp. 167-170, pl. I,
figs. 1-16



Argulidae.

Argulus laticauda, Smith ♂. ♀.

—, Smith, 1873, p. 574 (280).

—, Rathbun, 1884, p. 484.

—, Wilson, 1902, p. 705: pl. X, f. 5-9;
pl. XXVI, fig. 79.

Host Anguilla chrysa, Pseudopleuro-
nectes americanus. Blenny, Skate,
Sculpin, Tomcod, Summer Flounder,
Woods Hole -

- - Wilson, 1904, p. 127, text figures.
- - M. J. Rathbun, 1905, p. 86.
- - Williams, 1907, p. 70; 1906, p. 654.
- - Wilson, 1932, p. 14: figs. 4:
- - Hessler, 1969, fig. 78
- - CRESSEY 1972: 3, 8, FIG. 4B
- - CRESSEY 1978: 5, FIGS. 2a, 9a, b; p. 8, HOST LIST
- - ZWERNER & LAWLER 1972: 85, CHESAPEAKE BAY, HOST OPSAVUS TAU
- - CAUSEY 1955: 2, PASCAGOULA, MISS., EX 2 SPP.
- - PEARSE 1952: 187, FLORIDA - GULF SIDE, HOST. DASYATIS SABINA

(5)

Argulus foliaceus (L.) Gurney, 1948.

syn:

A. viridis Martin 1932

A. rothschildi Leigh-Sharpe n.sp. 1933

Relatively shallow warm lakes + ponds

--, Kabata, 1970, p. 13, fig. 1, p. 67, 136-7

--, Southwell, 1915, pp. 323-5, pl. 28, figs. 16-18

--, Bouvier, G., 1953, p. 425, fig. F

--, ACHOUX, 1899: 206-7, pl. 97.

~~Alitropus typus~~

Rasbora daniconius, Fernando & Hanek, 1973, p. 65
gill chambers

Wallago attu, Fernando & Hanek, 1973, p. 65

- , Madsen, 1964, *passim* (anatomy)
-- Markevich, 1933: 18

Argulus foliaceus L.

card 6

-- Lemos de Castro & Gomes-Correa 1985: 52.

-- FRYER 1978a: 368, 370-373

-- GNADEBERG 1948: 151

-- GRABDA 1963: 174

— Shulbman, et al, 1974: 52

-- ROUSSET & RAIBAULT 1984: 127

-- CRESSBY 1983: 253, FIG. 1(1)

-- NERESHHEIMER 1909b: 83, 84, FIG. 344, GERMANY

-- FRYER 1982: 48-50, FIGS. 73-80, 83-88, BRITAIN

Argulus foliaceus L.

card 7

-- Fryer 1956b:325

MONOCYLUS ARGULUS, SCHRIEVER 1984: 371, TYPES
AT KIEL.

A. E., LÜHING 1953: 17, FIG. 4B

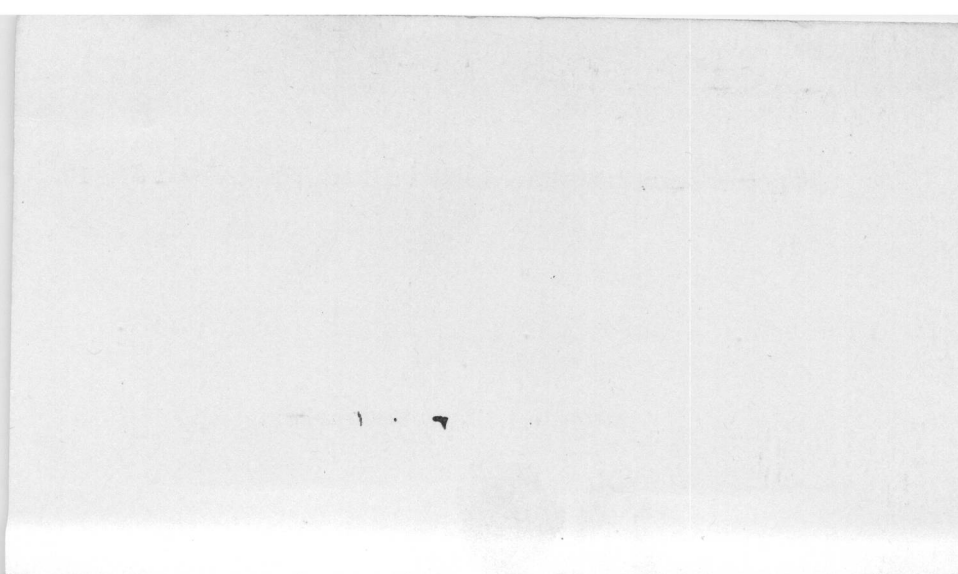
Branchiura

Argulidae - Arguloidea.

Pou des Poissons, Baldner, ♀.

= ARGULUS FOLIACEUS

According to Hermann files (1804) Baldner left a manuscript in the library at Strassburg in which he described a "Pou des Poissons" (Argulus foliaceus). The mss. was never published.



Argulus funduli. Kröyer. ^{Argulidae.} ♂. ♀.

---. Kröyer, 1863, p. 94; pl. II. fig. 1a—g.

---, Thorell, 1865, p. 62.

---. Wilson, 1902, p. 710: pl. XIV, fig. 23-27. ♂.

---. Thiele, 1904, p. 34

--, Schmitt, 1954, p. 440.

Host, Fundulus heteroclitus & F. majalis.

North Atlantic -
New Orleans.

- Wilson, 1904, p. 125, text figures.
- M.S. Rathbun, 1905, p. 87
- , Fowler, 1912, p. 497.
- Wilson, 1916, p. 355; 1904
- Smith, 1874, p. 662.
- Williams, 1907, p. 70.
- Wilson, 1907.6, p. 414; pl. 30, f. 10-14.
- Bere, 1930, p. 4.
- Wilson, 1932, p. 13 : fig. 1
- , Yeatman, 1966,
- CRESSEY 1972: 1, 3, 7 - USA

ARGULUS FUNDULI KRÖYER

CARD 2

- OVerstreet 1978: 85, Killifish - Gulf of Mexico
- CREJSEY 1978: 4, 8, FIGS. 2F, 5; HOST LIST
- KABATA 1988: 119, FIG. 51A-F, HOST RECORDS, CANADA



Argulidae - Arguloida

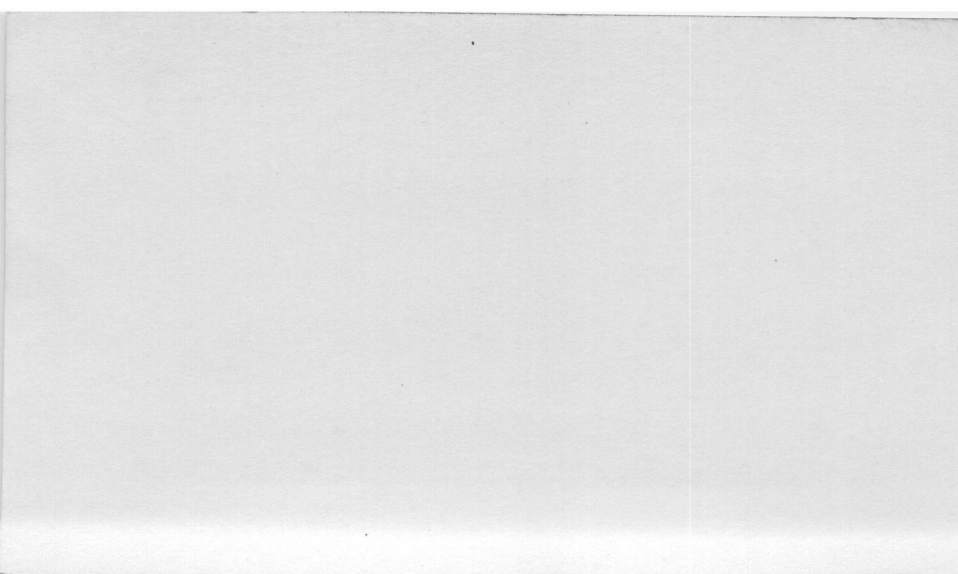
Argulus fuscus Bere, ♂ ♀

— — Bere, 1936, p. 578: pl. 1, figs. 2-10

-- CRESSEY 1972: 3, 7, FIG. 2C - USA

-- OVERSTREET 1978: 85, HOSTS - GULF OF MEXICO

Host. Skin of Orthopristis chrysopterus and
Bairdiella chrysura Florida.



Argulus giganteus, Lucas. ♀ ^{Argulidae.}

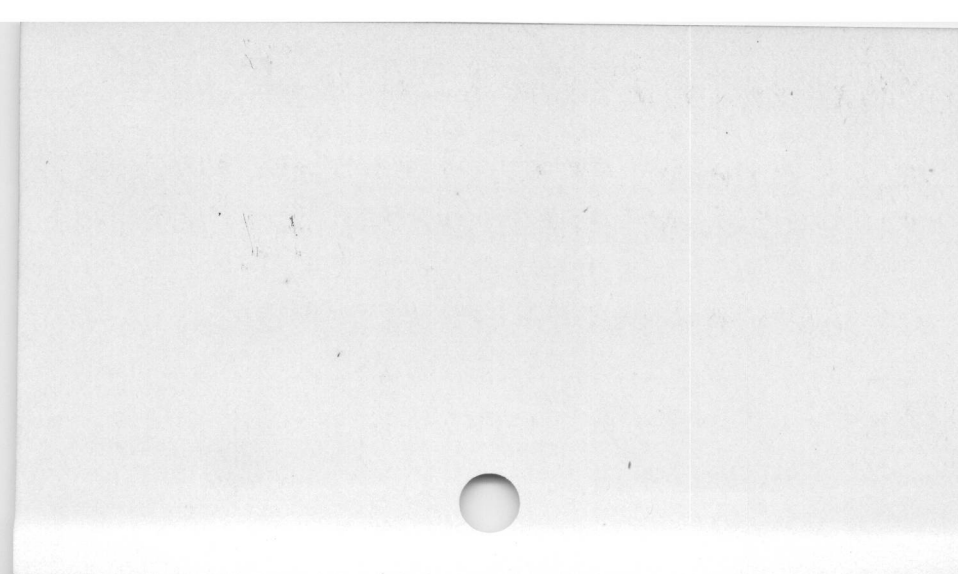
——, Lucas, 1845, p. 83: pl. VIII, 8. 9

——, Thorell, 1864, p. 58.

A synonym of A. purpureus.

Host, A sp. of Ray.

Algeria.



Argulus giganteus Ramakrishna (1951)

— — Ramakrishna 1951

— — , Rangnekar, 1956, p. 42. Skin of Tetrodon oblongus
+ Sphaeroides lunaris. Bombay, India.

-- , Yamaguti & Yamasu, 1959, p. 172



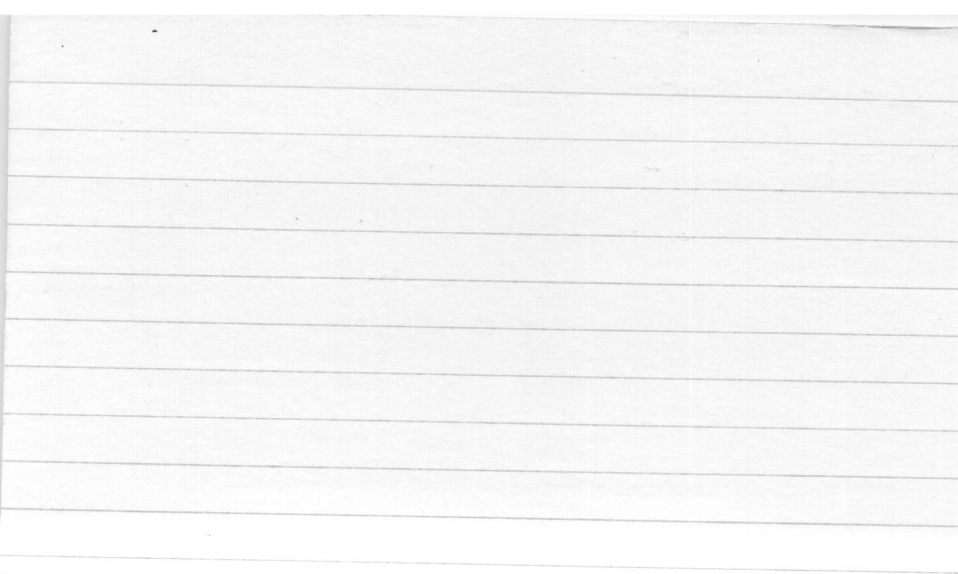
Argulus giordanii Brian 1959

-- Carli & Bruzzone 1973b: 129

Argulus giordanii Brian

-- --, Masson et Delamare Deboutteville, 1962. pp. 309-320, fig. 1-7

-- --, M. et D. D., 1962 (part II). pp. 387-396, fig. 8-10



Argulus hylae Lemos de Castro & Gomes-Correa

-- Lemos de Castro & Gomes-Correa 1985:52, abstract.
Lagoa Campelo, Rio de Janeiro, Brazil; host Hyla
geographica, tadpoles.

Argulus ichesi Bouvier. ♀, ♂.

— — , Bouvier, 1910, p. 92, 3 text figs.

— — Brian, 1925, p. 193: text figs. 23, 24.

— — Ringuélet, 1943, p. 62, pl. 4, figs. 1, 3, 4
Argentina

-- Lemos de Castro & Gomes-Correa 1985: 52.

Host, unknown (Bouvier): on Pimelodus
albicans (Brian).

Argentina.



Argulus incisus Cunningham ♂♀

— — . Cunningham, 1913, p. 268: pl. 41,
figs. 1-2: pl. 43, figs. 17-18.

Host. From mouth and outside surface of
Anchenoglanis occidentalis, var.
tanganikanus
Lake Tanganyika.
Africa.

17



Argulus latus, Smilk, ♀ Argulidae.

— —, Smilk, 1873, p. 574 (280); 452

— —, Rathbun, 1884, p. 484,

— —, Wilson, 1902, p. 704; pl. IX, fig. 1-4.

— —, Wilson, 1904, p. 128, text-figures.

Host. Taken at the surface.

Woods Hole

— — . M. J. Rathbun, 1905, p. 86.

— — Wilson, 1932, p. 14: fig. 2:

— funduli, Meehean 1940, p. 498

— — ♂ Wilson 1944, p. 560, p. 27, figs. 108-115

Argulus lepidostei. Kellicott, ♀, ♂. Argulidae.

- —, Kellicott, 1877, p. 214, 2 text figs.
— —, Wilson, 1902, p. 712; pl. XVI, figs. 32-36.
— —, Thiele, 1904, p. 27.
— —, Fowler, 1912, p. 497.
— —, Causey, ~~1960~~¹⁹⁶⁰, p. 72, fig. 2, p. 74
Host. From Lepidosteus osseus. Lin.

Mississippi Valley.

- — . Wilson, 1916, p. 357: pl. 62, fig. 16-
19: pl. 64: pl. 65, larva.
- — Marsh, 1918, p. 788; text-fig. 1243.
- CRESSEY 1972: 3, 10, FIGS. 4C, 6B
- OVERSTREET 1978: 85, SPOTTED GAR, GULF OF MEXICO

Argulidae-Arguloida

Argulus longicaudatus Wilson

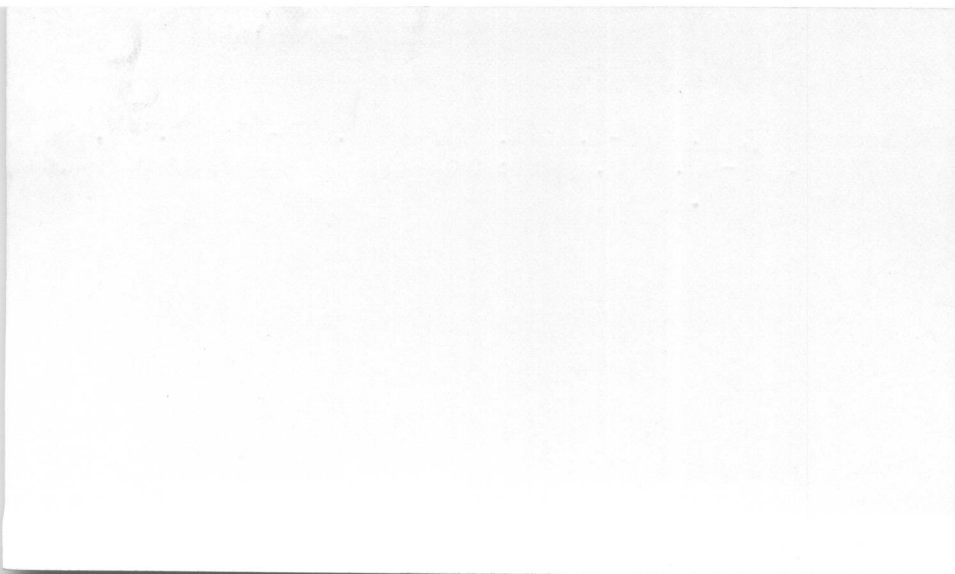
Wilson 1944, p. 555-7, pl. 23, figs. 49-56. ♀ ♂

Host: crappie (*Pomoxis annularis*) Texas. (Lake Dallas)

Argulidae-Arguloidea

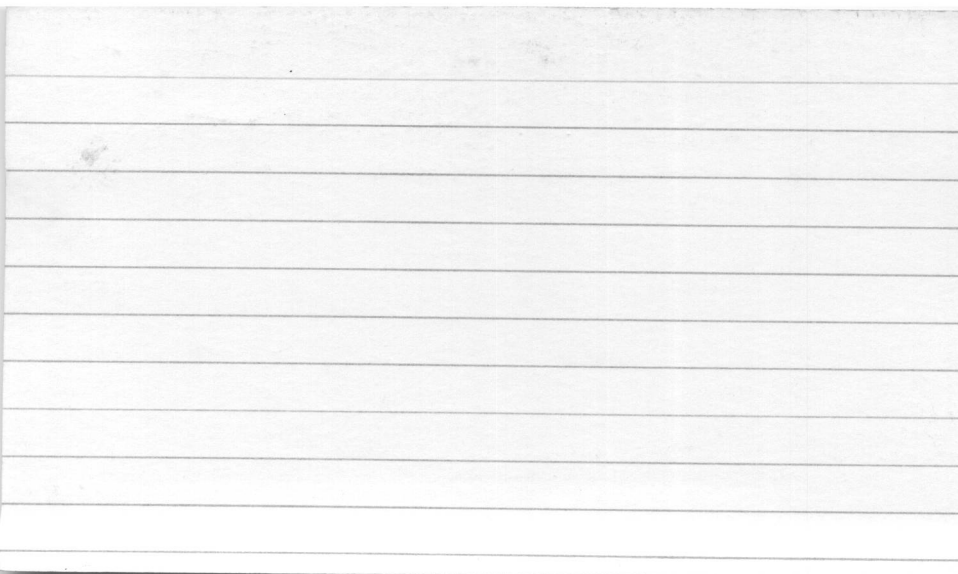
Argulus lunatus Wilson

Wilson 1944, p. 557-8. Pl. 23, figs. 57-63; Pl. 24,
figs. 64-66. ♀ ♂. Host: goldfish (*Carassius auratus*)
Norfolk Va.



Argulus macropterus Heegaard

-- --, Heegaard 1962. p. 151, fig. 1-3



Argulus maculosus, Argulidae
n. sp. ♀

— —, Wilson, 1902, p. 715; pl. XIX;
pl. XXVI, fig. 82.

— —, Fowler, 1912, p. 497.

— —, Wilson, 1916, p. 354.

— —, Causey, ~~1910~~¹⁹⁶⁰, p. 70., fig. 6, p 73, 74

Host, Esax nobilior.

New York; New Jersey,

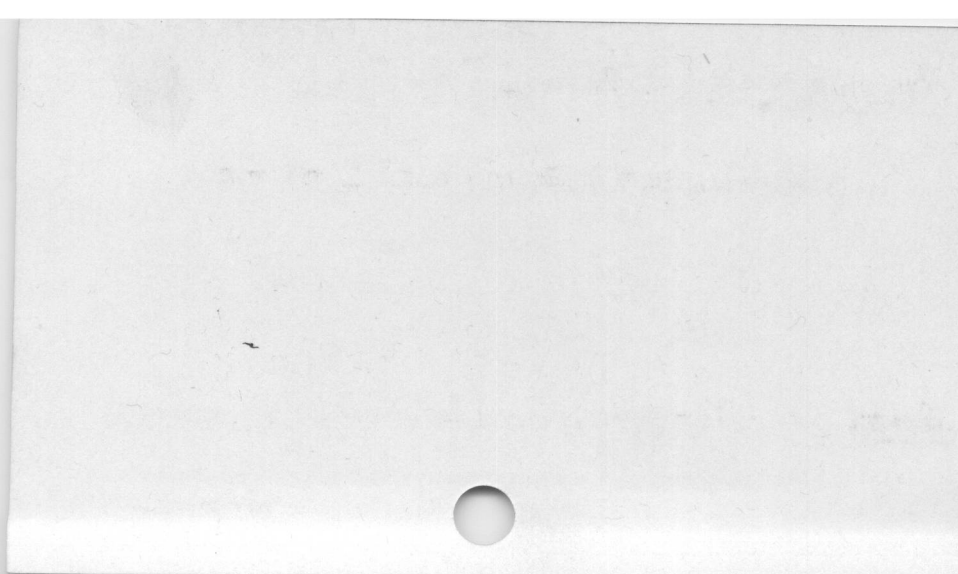
- Wilson, 1907, p. 416: pl. 31, fig. 15-22.
-- Marsh, 1918, p. 787.
-- Wilson, 1919, p. 230.
-- Wilson 1944, p. 570, figs. 24, 26, 28, 30-Pl. 21
-- --, Yeatman, 1965. pp. 100-107, fig. 25-34
-- --, Causey, 1959, fig. 3
-- CRESSEY 1972: 3, 9, Figs. 4D, 5E
-- CRESSEY 1978: 7, 8, Figs. 3e, 14; HOST LIST.

Argulidae - Arguloclaa

Argulus matritensis Arévalo.

— — Arévalo, 1921, p. 108; text figs.

Host.



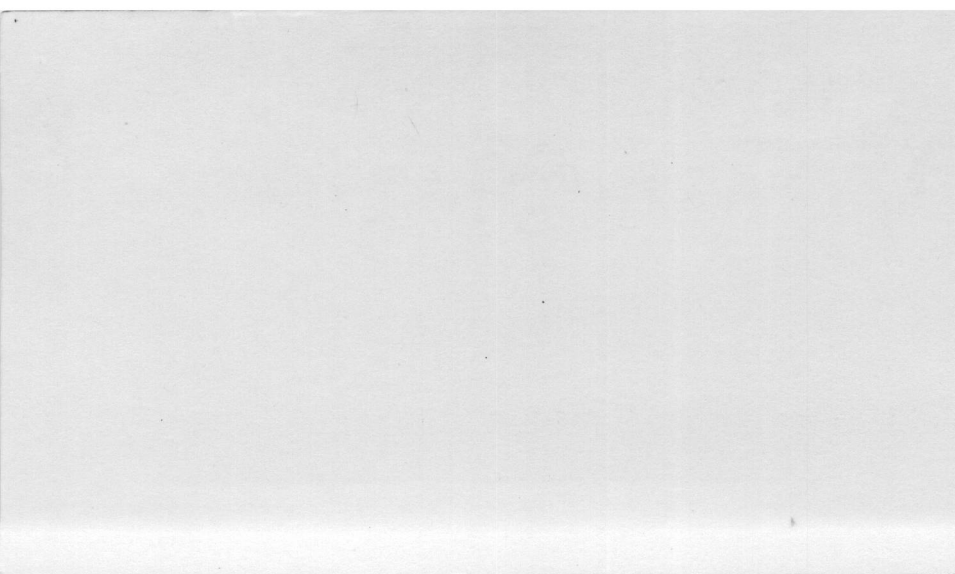
Argulidae - Arguloidea

Argulus matvii Sikama, ♂ ♀,

— — Sikama, 1938, p. 129: pls. 1 & 2, 14 figs.

Host. Skin, *Parapristipoma trilineatum* (Thunberg)

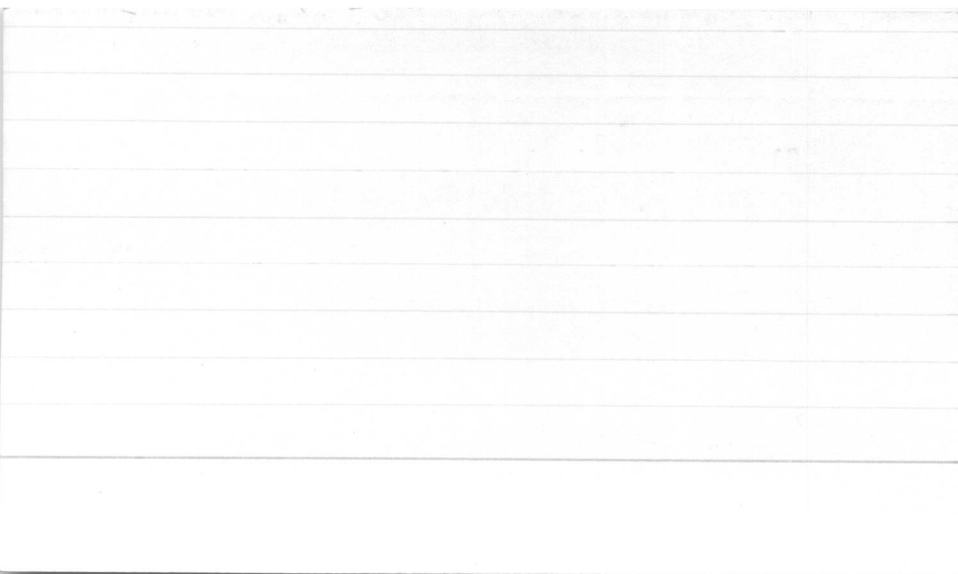
Japan -



Argulus meehani Cressey, 1971

- - Cressey, 1971. p. 253

-- CRESSEY 1972: 3, 10, FIGS. 5A, 6C



Argulidae.

Argulus megalops, Smilk, ♂, ♀.

— —. ^{S.I.} Smilk, ⁴ 1873, p. 575 (281); 452

— —. R. Rathbun, 1884, p. 485.

— —. Wilson, 1902, p. 706; pl. X, fig. 10-13.
pl. XXVI, fig. 81.

Host, Flat-fish, Sand-dab, Flounder, Sea-
Robin, Sculpin, Tomcod, Goosefish.
Minnow, and at the surface.
Woods Hole -

— — Wilson, 1904, p. 129 - text figures.

— — M. J. Rathbun, 1905, p. 86.

— — Wilson, 1903, p. 484. larva

— — Williams, 1907, p. 70

— — Wilson, 1932, p. 16: fig. 5:

— —, Causey, 1960, p. 324-5.

-- --, Ronald, 1958. p. 3

-- CRESSEY 1972: 3, 7, FIG #F, 2.B

-- DAVIS ~~1685~~ 1967: 1685, EGG HATCHING

— Deevay, 1952a: 92

Argulus megalops Smith, 187~~8~~⁴

card 2

-- Cressey 1978: 5, figs. 2d, 4c; 8, host list

-- KABATA 1988: 119, FIG. 52G-L, HOST RECORDS, CANADA

-- PEARSE 1952: 187, FLORIDA GULF, HOST

OPSANUS TAU



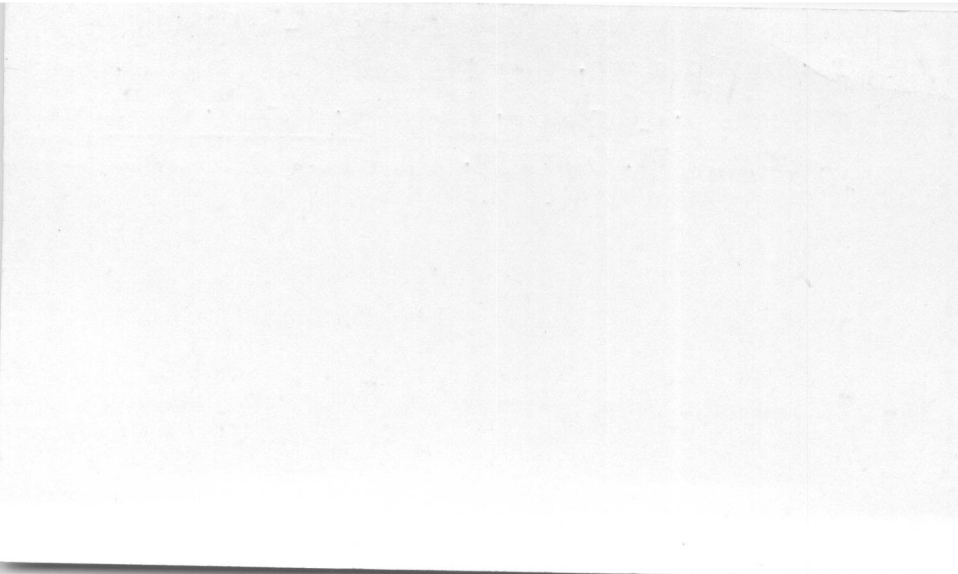
Argulidae-Arguloidea

Argulus megalops var. spinosus Wilson

Wilson 1944 p. 563-4 Pl. 26, figs. 95-104. ♀ ♂
Host: eel-backed flounder (Liopsetta putmani)
Gulf of St. Lawrence.

-- -- --, Ronald, 1958. p. 4

-- KABATA 1988: 123, SYN. OF A. MEGALOPS



Argulidae - Arguloidea

Argulus melanostictus Wilson ♀

MONTEREY BAY, CALIFORNIA

— — Wilson, 1935, p. 776: pl. 25, figs. 1-4, V

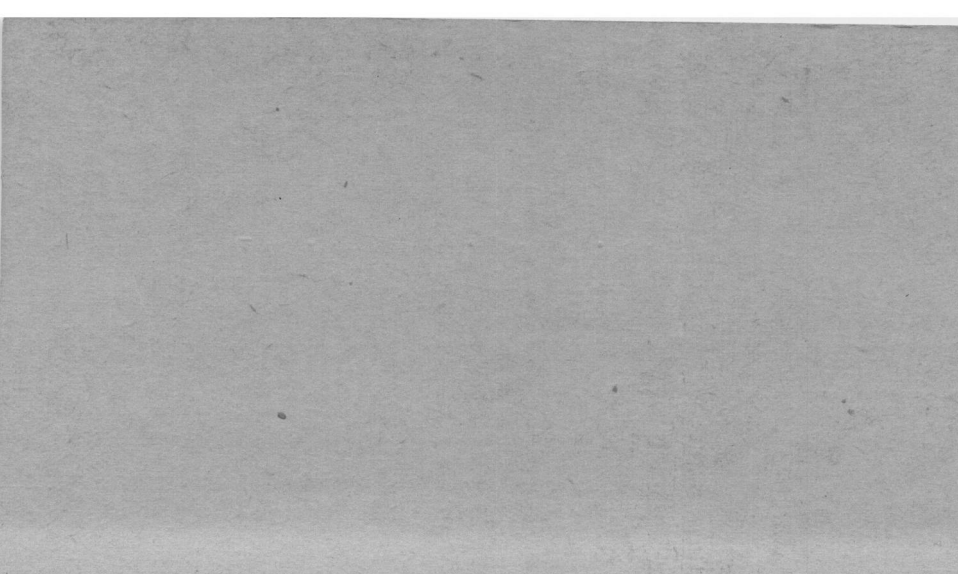
— — Wilson 1944, p. 565, p. 25, figs. 89-94

— Olson, 1972: 1201-1203, fig. 1-6, CALIFORNIA

— MELANOSTICTHUS, CRESSLEY 1972: 4, 8, FIG. 5B

+ BAJA CALIFORNIA, HOST LEURESTHES TENNIS

Host. Swimming freely in Monterey Bay.



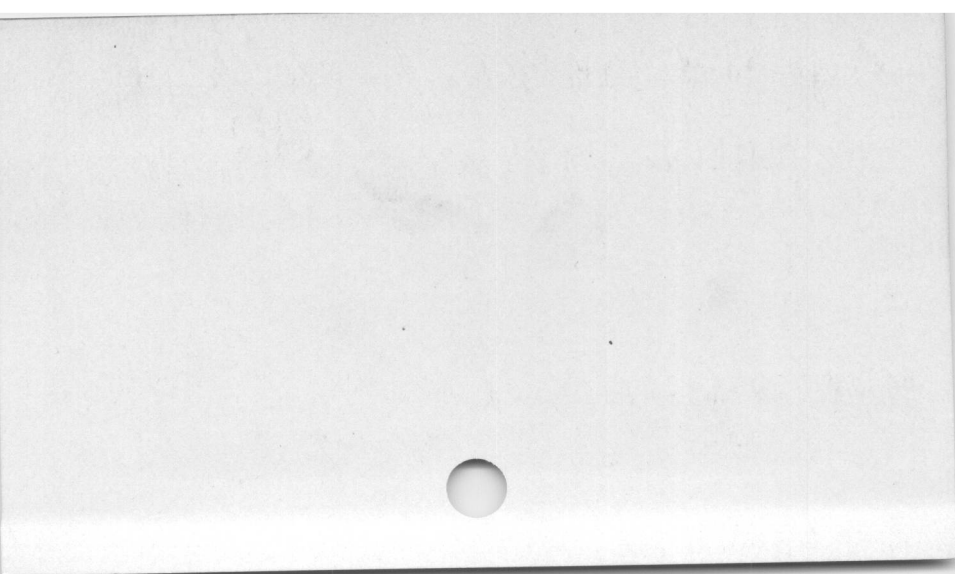
Argulus melita, Van Beneden, ♀. ^{Argulidae.}

— —. V. Beneden, 1891, p. 369; pl. n.n. figs. 1-7.

— —, Wilson, 1902, p. 725; pl. XXIII, fig. 66.

Host, A sp. of Shark -

Bay of Wakar.



Argulidae - Arguloidea. D.F.

Argulus mississippiensis, New Species

--- Wilson, 1916, p. 350: pl. 61, fig. 13-15: pl. 62, fig. 21: pl. 63, f. 22-27.

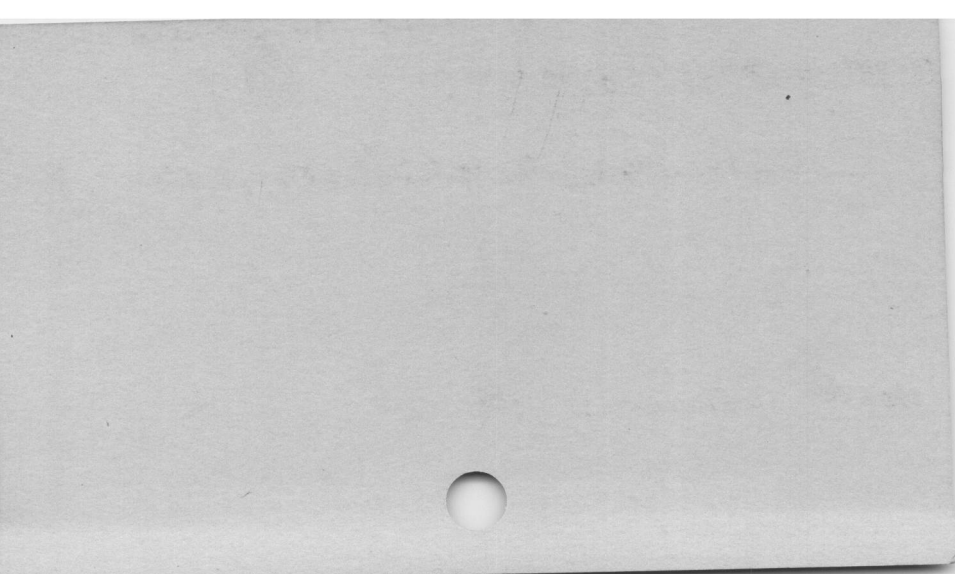
---, Causey, D., ¹⁹⁶⁰ ~~1960~~, fig. 1, p. 73, 74

---, Causey, 1959, fig. 1, 2

--- CRESSEY 1972: 4, 10

Host, Outside surface of Leepisostomus platostomus

Fairport, Iowa.



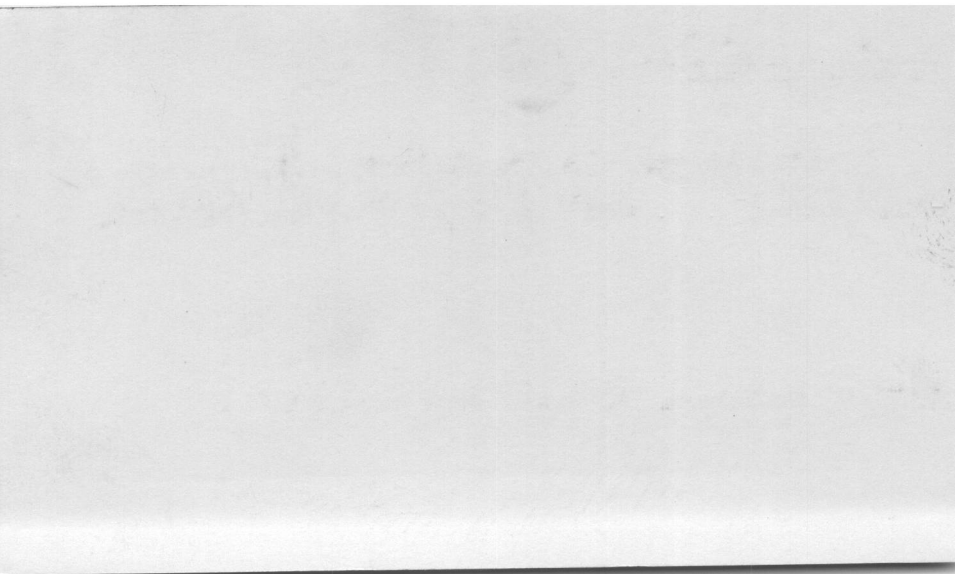
Argulidae - Arguloidea

Argulus mongolianus Tokioka ♀

— — Tokioka, 1939, p. 42: pl. 3: text-figs. 182

--, Shen, 1956, p. 11

Host Unknown.



Argulus monodi Fryer

1959--- pp. 532-536, figs. 36-44.

Argulus multicolor Stekhoven ♀

— — Stekhoven, 1937, p. 16: figs. 9-14

— elongatus, Thiele, 1904, p. 42: pl. IX, figs. 102-109.

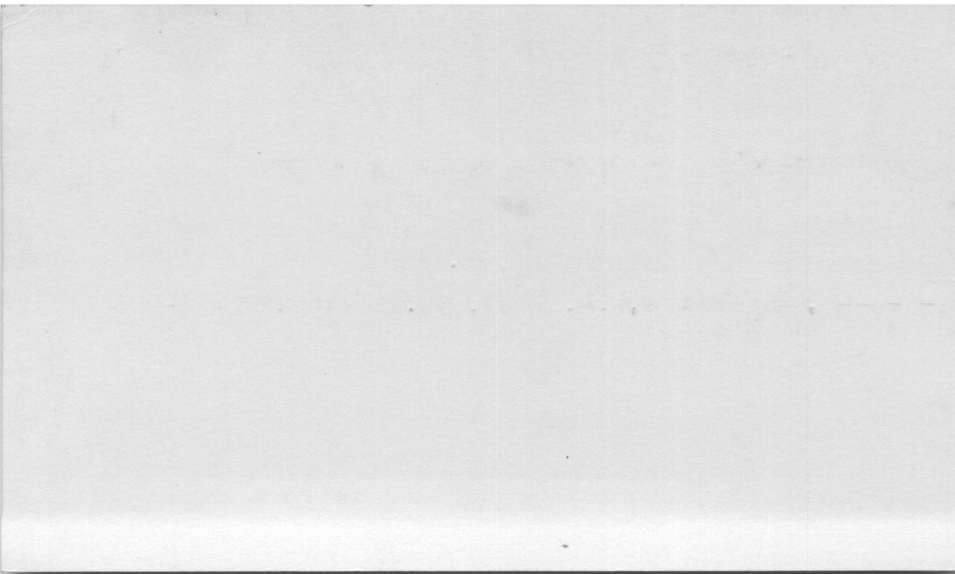
multicolor Ringuelet 1943, p. 95

— — — — —, De Castro, A.L. 1955, pp. 159-160, Figs 1-6 2 Photos

— — — — — BOEGER + THATCHER 1988: 90

Host Unknown, Brazil and Venezuela.

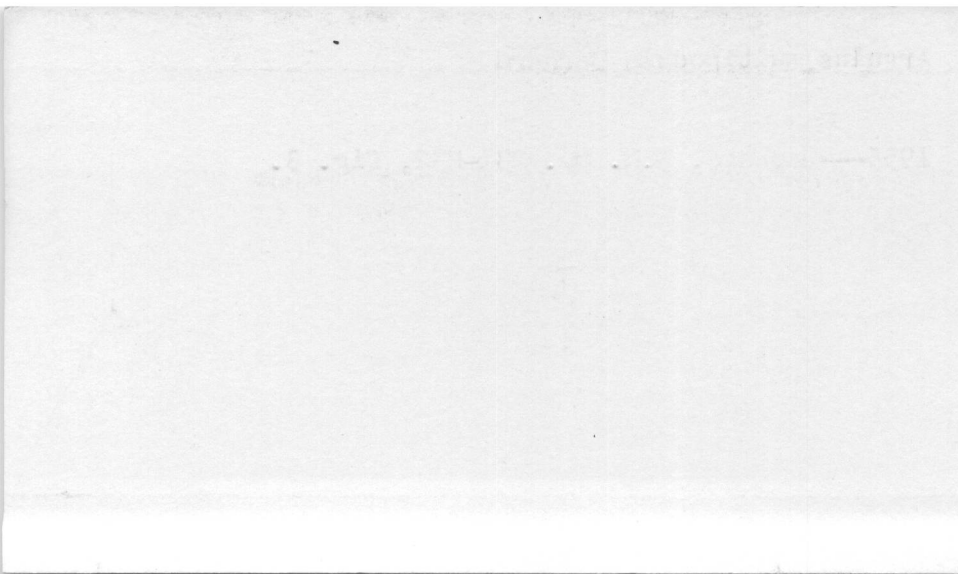
— — — — — THATCHER 1991: 493, FIG. 9-14, HOST LIST



Argulus multipocula Barnard

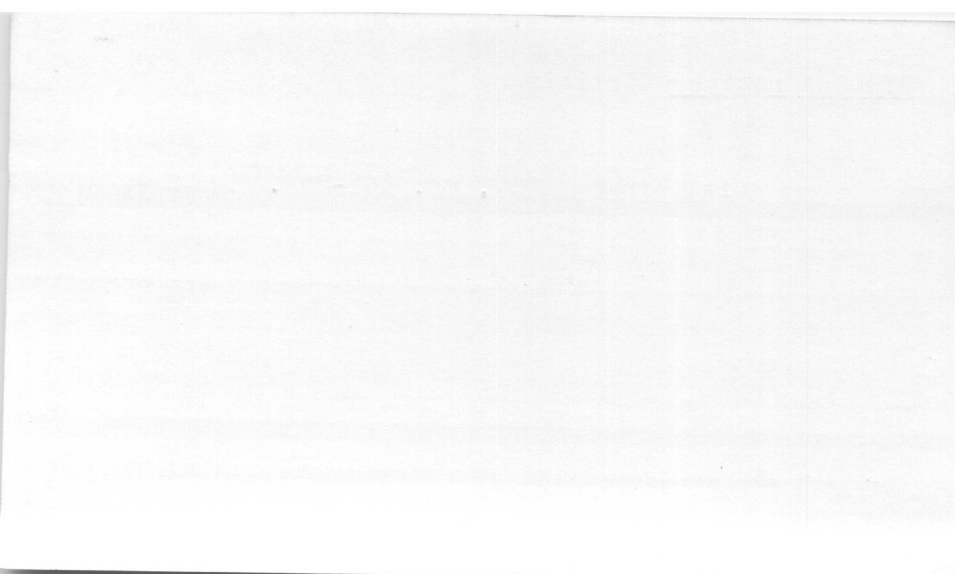
1955---Barnard, K.H. pp. 231-232, fig. 3.

- HENSLEY & GAWDKEY 1973:128



Argulus nativus Kirtisinghe

— — Kirtisinghe 1959, pp. 253-255.



Argulidae.

Argulus nattereri, Heller ♀

— —, (Kollar in mss.). Heller, 1857, p. 103: pl. II,
figs. 4-12.

— —, Kröyer, 1863, p. 23; pl. I, figs. 3a-d.

— —, Thorell, 1865, p. 60

Host, Skin + gill cavity of Salmo brevidens
Brazil.

— — . Wilson, 1902, p. 720: pl. XXII, fig. 63.

— — . Thiele, 1904, p. 23: pl. VII, figs. 43-52.

— — . ~~Moreira~~ Wilson 1944, 1913, p. 146.

p. 573, pl. 24, figs. 74-78

— — — — Ringuelet 1943, p. 57, pl. 3. Argentina; p. 91

-- THATCHER 1991: 492, FIGS. 9-5 + 9-16, HOST LIST

-- MALTA & SANTOS SILVA 1986: 488

Argulidae

Argulus niger, n. sp. ♀

--- Wilson 1902, p. 714: pl. XVIII.

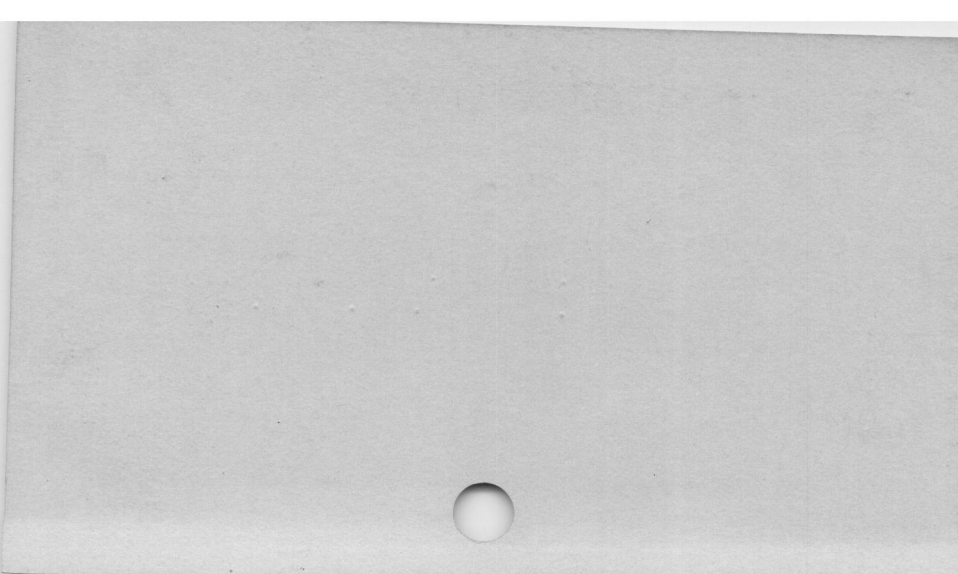
--- Wilson, 1908, p. 433.

Meehan 1940, p. 487 = A. pugettensis

--- Wilson 1944, p. 569, pl. 20. figs. 15, 17

-- MARTA & SANTOS SILVA 1984: 488

Host. From the Pacific near Portland,
Oregon, host not given.



Argulus nobilis, Thiele, ^{Argulidae.} ♀. ♂.

— —, Thiele, 1904, p. 28; pl. VII, figs 64-66
pl. VIII, figs. 67-76.

— —, Wilson, 1916, p. 354.

— —, Causey, ¹⁹⁶⁰ ~~1960~~, p. 74, 75, (fig. 3, 4, 5, 8, 9)

Host, Lepidosteus aculeatus (viridis).
Dallas, Texas.

--, Causey, 1959, fig. 4,5,7,9,10

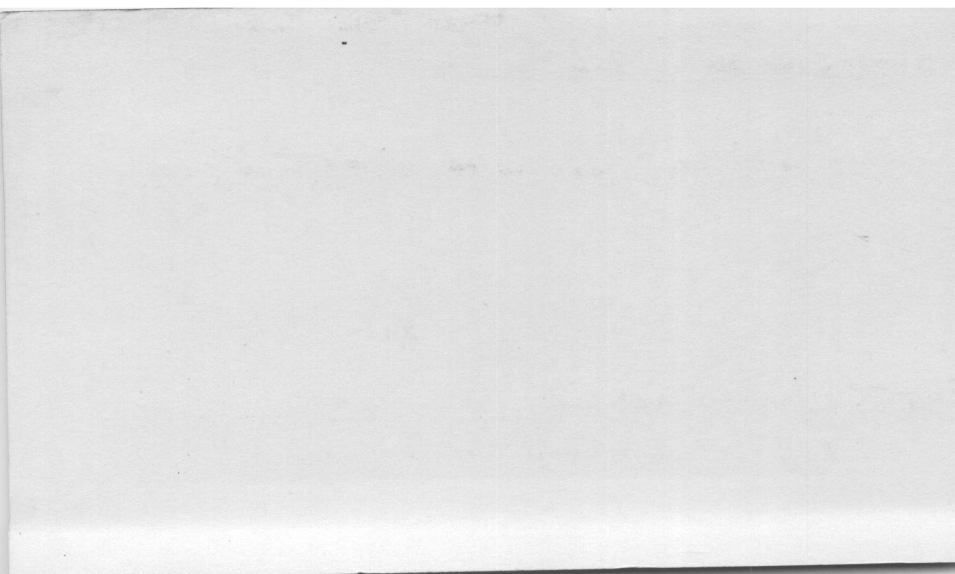
-- CRESSEY 1972: 4, 10, FIG. 5 I

Argulidae - Arguloida

Argulus onodai Tokioka, ♀.

Tokioka, 1936, p. 340: pl. 21, figs. 5-7.

Host. *Spheroides alboplumbeus* (Richardson).
Katu-ura Kii, Japan.



Argulidae - Arguloidae.

Argulus otolithi Brian, ♂.

— — Brian, 1927, c., p. 579: text-figs. 20-25

Host. On Pseudotolithus typus.

Cameroon.



Argulus paranensis Ringuelet

— — Ringuelet, 1943, p. 72, pl. 8, ♀ . Argentina
Host: Salminus maxillosus

-- THATCHER 1991: 492, FIG. 9-22,



Argulus patagonicus Ringuelet

— — Ringuelet 1943, p. 69, pl. 7, ♀ ♂ Argentina

Host: Percichthys trucha; ~~915~~^{pl.}, fig. 3

-- THATCHER 1991: 492, FIG. 9-13



Atgulus paulensis Wilson ♂ ♀.

— — Wilson. 1924, p. 4: pl. I. figs. 1-5

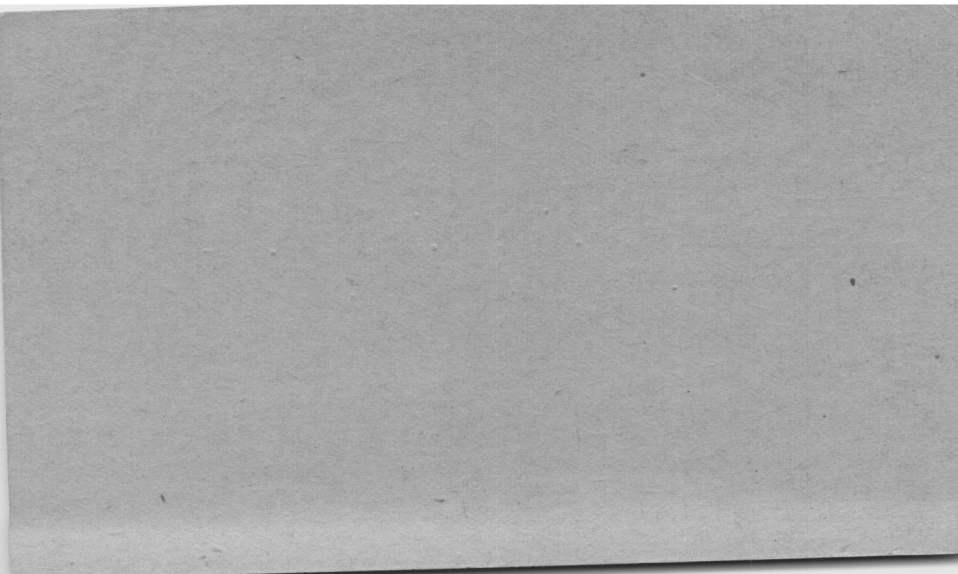
— ~~Wilson~~ Meehann 1940, p. 502 = A. salminei

— — Wilson 1944, p. 572, pl. 21, figs. 31-33

--, Bouvier, G., 1953, p. 424, fig. E.

-- THATCHER 1991: 492,

Host. "Talitirana". Brazil. Outside surface -



== --, Romanovski, 1954, pp. 29-32, fig. 13-25

A syn. of A. japonicus Thiele¹⁹⁰⁰ Romanovsky, 1956.

--, Lestage, 1937, p. 95

- PELLUCIDUS, FRYER 19786:368, POSSIBLE SYNONYM OF
A. JAPONICUS THIELE

- PELLUCIDUS, FRYER 1982:45, POSSIBLE SYN. OF JAPONICUS.



Argulus personatus Cunningham ♂♀.

— —. Cunningham, 1913, p. 271; pl. 41, figs.
6-8: pl. 44, figs. 23-25.

Host. Mouth cavity of Bathybates ferox

Lake Tanganyika.
Africa.



Argulidae-Arguloidea

Argulus pestifer Ringuelet

Ringuelet, Raúl, 1948, pp. 285-289, text-fig. 1, pl. 1-3.

-- THATCHER 1991: 492, FIG. 9-31

-- MALTA & SANTOS SILVA 1986: 486



Argulidae.

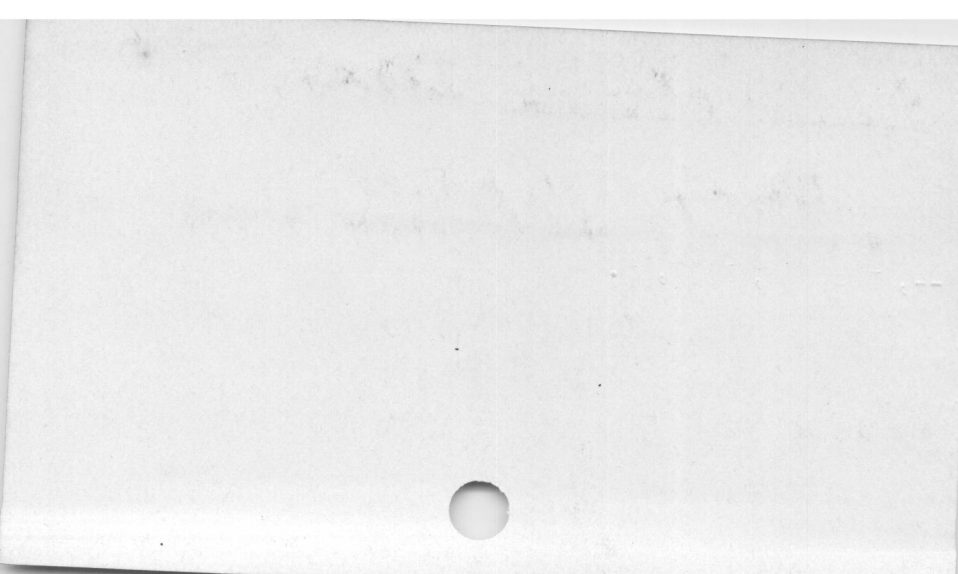
Argulus phoxinini, Teydig, ♀.

---. Teydig, 1871, p. 5: pls. 1 and 2.

= A. coregoni, Thiele, 1904, p. 35,

--, Lestage, 1937, p. 95

Claus showed that this was a small specimen of A. coregoni, and Teydig afterward acknowledged that this was so (see Nettovieh, 1900, p. 2).



Argulidae - Arguloida -
Argulus piperatus Wilson, 1920, ♂. ♀.

— — Wilson, 1920, p. 7 : text-figs. 1-7.
A synonym of Argulus flavescens Wilson.

Host. Captured swimming in the tow.

Schubenacadie River.
Nova Scotia.



Argulidae.

Argulus pugettensis, Dana. ♂. ♀.

- —, Dana, 1852, p. 1357; pl. XCIV. fig. 2, a-b.
— —, Thorell, 1865, p. 60.
— —, Wilson, 1902, p. 711; pl. XV, figs. 28-31.
— —, Thiele, 1904, p. 32; pl. VIII, figs. 77-82
(♂).

Host, From Salmo heydeni (Steind), Calif.

Trichocera oregonensis, Dana-
Salmo gairdneri
Phanerodon furcatus. Straits of Magellan.
(Wilson, 1912) Salmo irideus, Taeniotoxa lateralis.

- — Wilson, 1912, p. 87: pl. IV. figs. 8-12
— — Wilson, 1908, p. 432 -
— — Fraser, 1920, p. 49.
-- CRESSEY 1972: 4, 8, FIG. 5C
-- KABATA 1988: 123, FIG. 53A-E, HOST RECORDS-CANADA
-- MALTA + SANTOS SILVA 1986: 488

Argulidae.

Argulus purpureus (Risso), ♀

Binoculus bicornutus, Risso, 1816, p. 170. §. 28

Agenor purpureus, Risso, 1826, p. 139: pl. V. [^]
pl. 3, 8, 20-28

Argulus p., Thorell, 1864, p. 20: pl. 4, 8, 29-32.

— — Wilson, 1902, p. 723: pl. XXIII, fig. 65.

— — Roland, 1963. pp. 90-99 (~~identical with Argulus acaenensis~~)

Host, Caranx luna: Pagellus erithrymus,
mediterranean.

--, Lestage, 1937, p. 103

ARGULUS PURPUREUS (Risso, 1826)

-- Holthuis, 1954: 9, ARGULUS VITTATUS IS THE
CORRECT NAME FOR THIS TAXON.



Argulus puthenveli Ramakrishna 1959

-- --, Pillai, 1961. pp. 75-86, fig. 1-5

--, Kabata, 1970, p. 68



Argulidae - Arguloidea

Argulus reticulatus New Species - ♂, ♀.

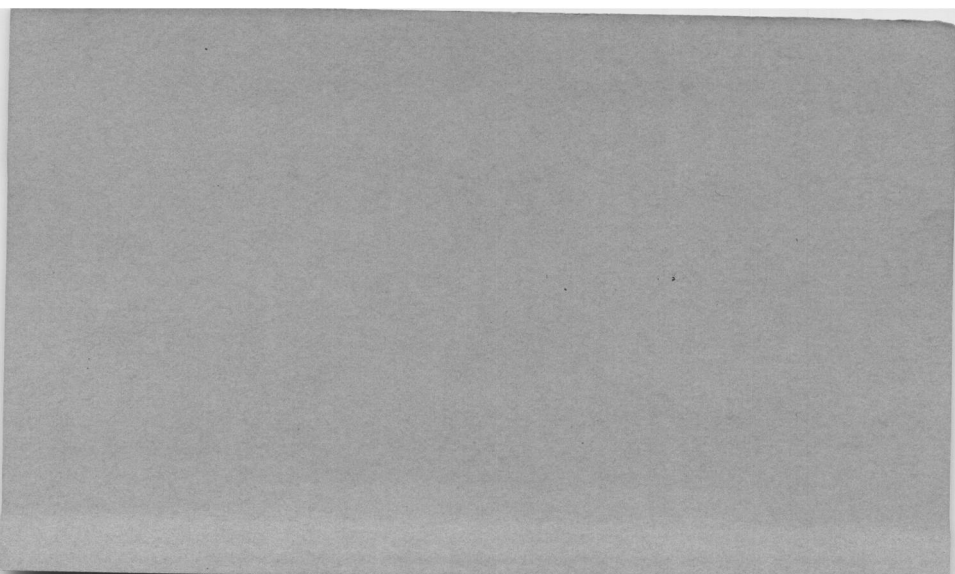
— — Wilson, 1920, p. 2: pl. 1, f. 1-10.

— —, D'Ancona, 1957 p. 113-114. Lagoon of Venice, on
Belgian Congo, Nguya R.

- RECTICULATUS; FRYER 1956 b: 328

Host Fish of Hydrocyon goliath.

Malela, Congo River, Africa.



Argulidae - Arguloidea

Argulus rhamdiae Wilson ♀

— — Wilson, 1936, p. 77: figs. 1-3

— — Ringuet 1943, p. 95

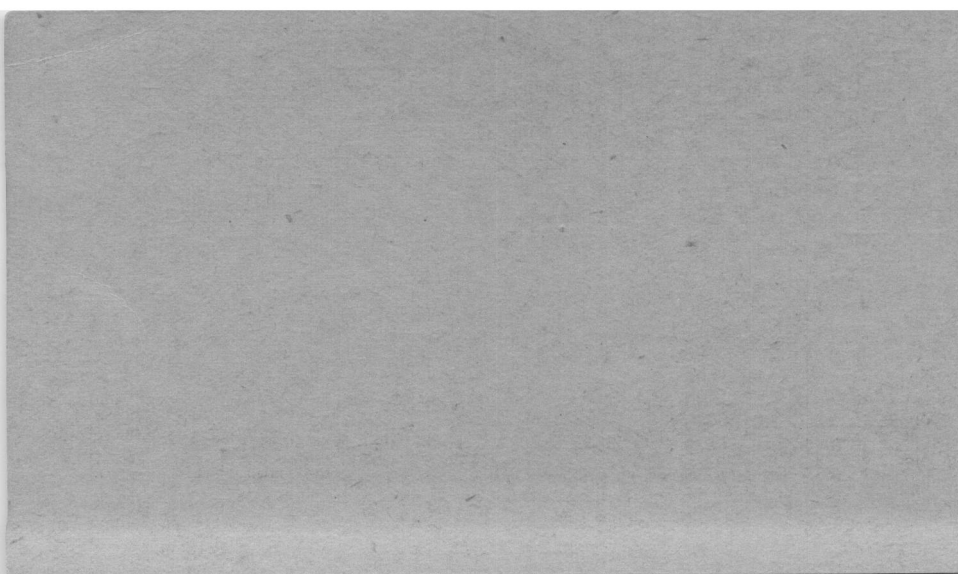
— — Causey, 1960, p. 325.

— — REDDELL 1981: 81

— — THATCHER 1991: 493, FIGS. 9-3A-B

Host. Rhamdia sp.

Yucatan Cenote



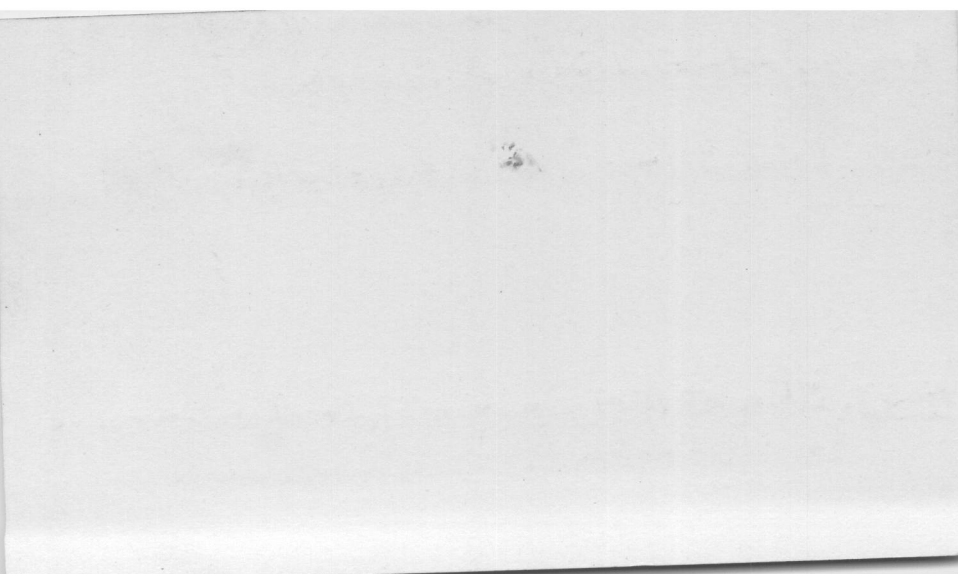
Argulidae - Arguloidea

Argulus rhipidiophorus. Monod, ♂♀.

— — Monod, 1931, p. 18: Text figs. 12-24

-- --, Fryer 1963. p. 390

Host. Mouth of Hydrocyon. Lake Albert Nyanza.



Argulus rijckmansii Brian

argulidae

— — Brian 1940, p. 91, 5 figs. ♀. Congo R. Africa.
Host unknown.

-- CARLI + BRUZZONE 1973b: 129

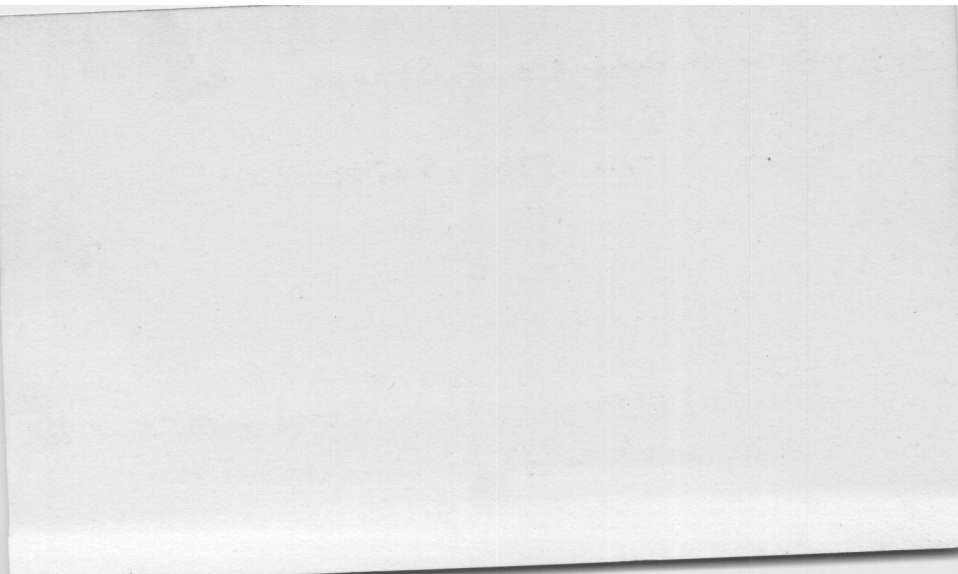


Argulidae — Arguloidea

Argulus rothschildi Leigh-Sharpe, ♀, ♂.

— — Leigh-Sharpe, 1933, p. 552: text-figs. 1-5.
syn. of A. foliaceus — Gurney, 1948, p. 556.

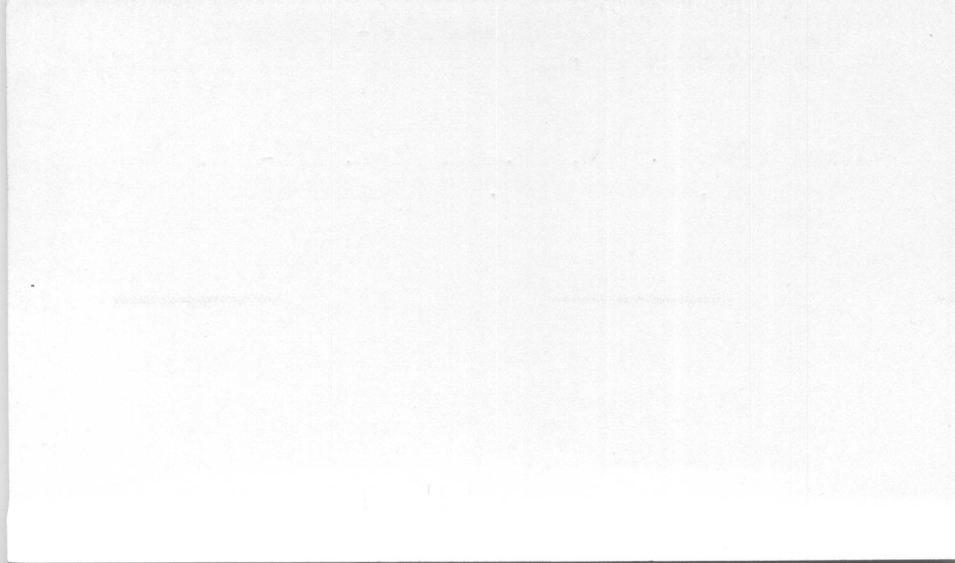
Host. Skin of Abramis brama, freshwater reservoir, England.



Argulidae-Arguloidea

Argulus rotundus Wilson

Wilson 1944, p. 564, Pl. 27, figs. 116-122. ♀
Host, unknown fish. Gulf of Mexico

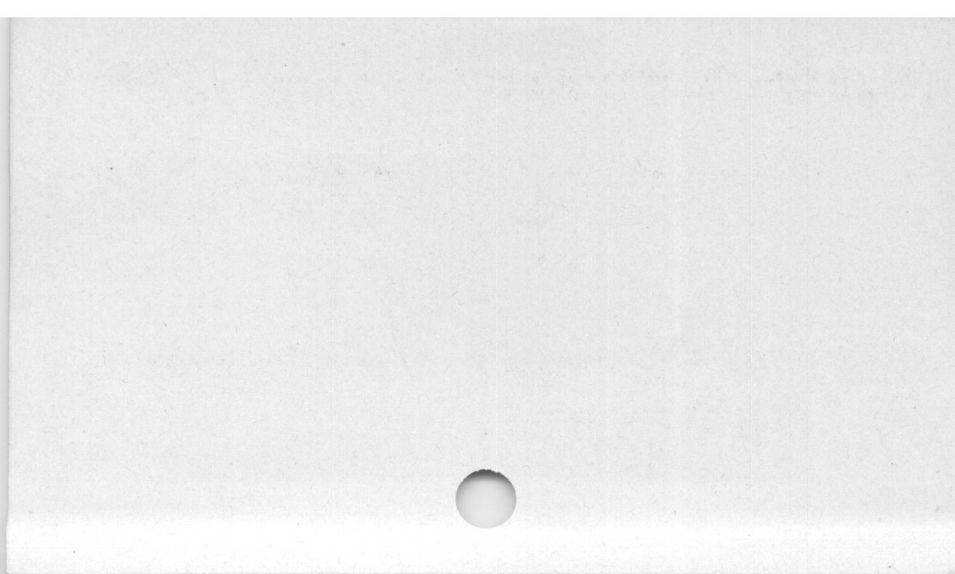


Argulus rubescens Cunningham ♂ ♀.

in Cunningham, 1913, p. 276: pl. 42, figs.
15-16: pl. 45, figs. 31-32

Host. Mouth + outside surface, Chrysichthys
brachynema.

Tooke Tanganyika.
Africa.



Argulus rubropunctatus Cunningham ♂♀

— —. Cunningham, 1913, p. 269: pl. 41, figs. 3-5:
pl. 43, figs. 19-20

Host. Outside surface, Teates microlepis.

Lake Tanganyika.
Africa.



Argulidae.

Argulus salminis, Kröyer, ♂. ♀.

- —, Kröyer, 1863, p. 15: pl. I, fig. 1a-d.
A. salminis, Thorell, 1865, p. 61,
— —, Wilson, 1902, p. 720: pl. XXII, fig. 64.
— —, Thiele, 1904, p. 26: pl. VII, figs. 59-63.

Host. Gill cavity of a Salmo, Brazil.

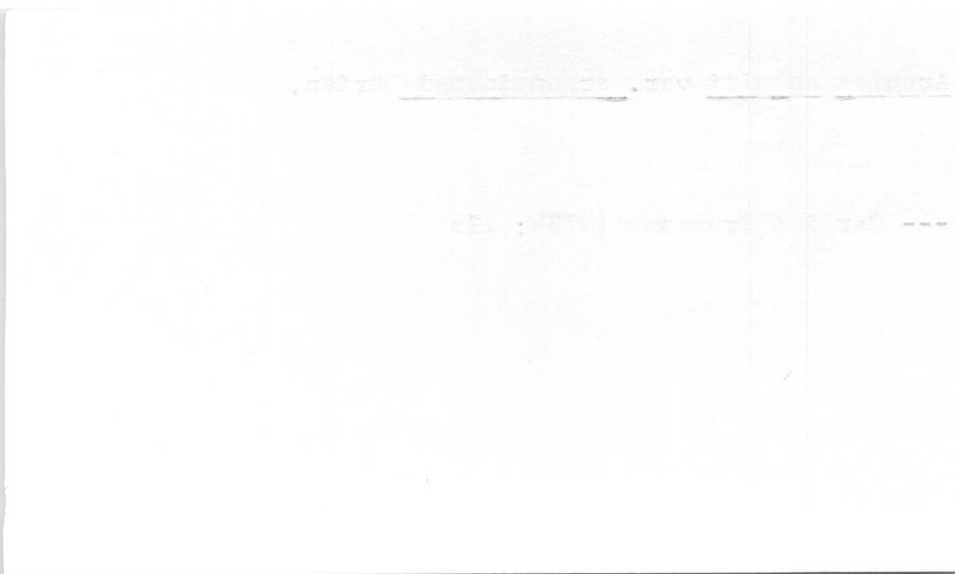
_____, *Moreira*, 1913, p. 145: pl. II, fig. 1.
_____, Wilson 1944, p. 574.

_____, Ringuelet 1943, p. 54, pl. 2. Argentina

- SALMINI, THATCHER 1991: 493, Figs. 9-10 + 9-18

Argulus salmini var. argentinensis Brian, 1947

--- Carli & Bruzzone 1973b: 129



Argulidae.

Argulus scutiformis, Thiele, ♂-♀.

— —, Thiele, 1900, p. 48.

— —, Wilson, 1902, p. 728.

— —, Howes, 1902, p. 5.

— —, Thiele, 1904, p. 20: pl. VI, figs. 32 + 33:
pl. VII, figs. 34 — 42.

Host, From Haliotis (?), Japan (Berlin Museum)
" Tetraodon (Vienna Museum).

— —, Shen, 1958. From Discobatus sinensis, China.

--, Yamaguti & Yamasu, 1959, p. 170-2, pl. II, figs.
17-35

Argulidae—Arguloidea

Argulus skoutedeni Monod

____ Monod, 1928, p. 249: 1 text-fig.

-- --, Fryer 1964 pp. 99-100

Host.

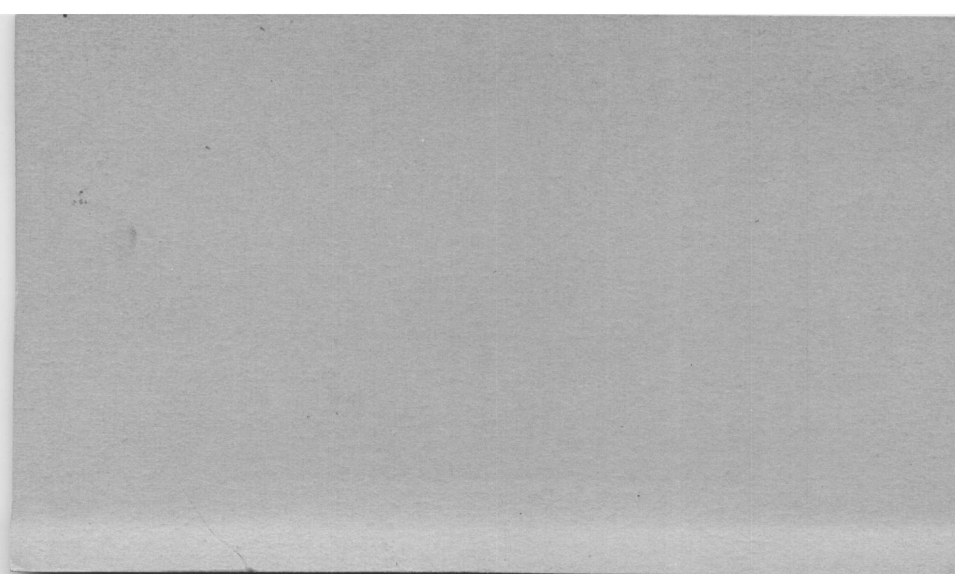


Argulidae Arguloidea

Argulus siamensis Wilson ♂ ♀

— — Wilson, 1926, p. 361: pl. 22, figs. 1-7.

Host. *Cirrhina* sp. & *Trichopodus* sp. Siam.



Argulus silvestrii Lahille, 1926

-- Thatcher 1991: 493, Fig. 9-6



Argulus spinulosus Silva, 1980

-- Lemos de Castro & Gomes-Correa 1985: 52.

- THATCHER 1991: 493, FIG. 9-7 A-D

Argulus stizostethii, ^{Argulidae.} Kellicott, ♂.♀.

— —, Kellicott, 1880, p. 53.

— —, Wilson, 1902, p. 713; pl. XVII,

— —, Fowler, 1912, p. 498.

— —, Wilson, 1916, p. 353; pl. 62, fig. 20.

— —, Causey, ¹⁹⁶⁰ ~~1960~~, p. 71, 74

Host In the Blue Pike, Stizostethium
salmonum, Jordan.

Mississippi Valley -

--- Marsh, 1918, p. 788.

--, Wilson, 1960, p. 167

--, Rawson, 1957: 44; fig. 25

- STIZOSTETHI, CRESSEY 1972: 4, 9, FIG. 1C

- STIZOSTETHI, CRESSEY 1978: 6, 8, FIGS. 3d, 11;

HOST LIST.

-- KABATA 1988: 116, FIG. 49 F-K; HOST RECORDS, CANAD.

A. CANADENSIS POSSIBLE JUNIOR SYNONYM, 123

Argulus striatus Cunningham ♂ ♀.

—, Cunningham, 1913, p. 274: pl. 42,
figs. 12-14: pl. 45, figs. 28-30.

Host. Gill arches and mouth of Dinopterus
cunningtoni.

Lake Tanganyika,
Africa.

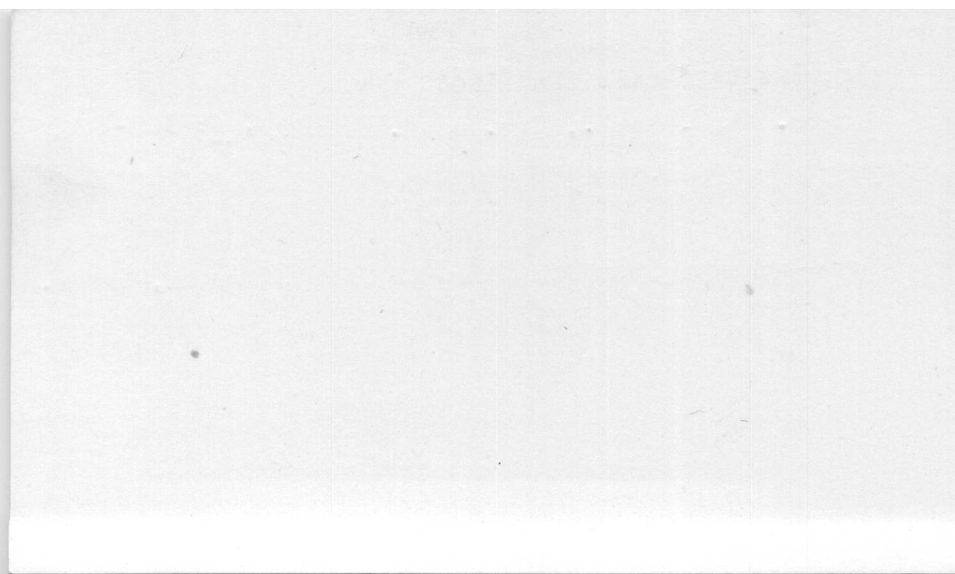


Argulus taliensis Shen 1948

Contr. Inst. Zool., Nat. Acad. Peiping, 4: 160-161,
pls. XIX*XX

Free-swimming, Er Hai (Lake of Tali), Yunnan, China.

- KUANG 1991: 393, YUNNAN, CHINA



Argulus tientsinensis Ku & Wang

-- -- Ku & Wang, ¹⁹⁵⁶~~no date~~, pp. 47-56



Argulidae Arguloida.

Argulus trachynoti Brian, ♀.

— — Brian; 1927.c. p. 579: text-figs. 15-19.

-- CARLI & BRUZZONE 1973b: 129

Host. On Trachynotus falcatus.

Souelaba



Argulus trilineatus n. sp. ♀. Argulidae

— —. Wilson, 1904, p. 651, figs. 34-38
(text). ♀ ONLY, MACON, GEORGIA

— —, Fowler, 1912, p. 136: pl. 37.

— —, Wilson, 1916, p. 355.

♂ Wilson 1944, p. 566, pl. 25, figs. 79-88, ^{HENDERSON, KY, + TAKOMA PARK, MD, USA} ^

Host, Goldfish at Macon, Georgia.

- TRILINEATA, MUELLER 1937: 413, NEW YORK, HOST

CARASSIUS AURATUS.

1914



Argulus varians Bere ♂♀.

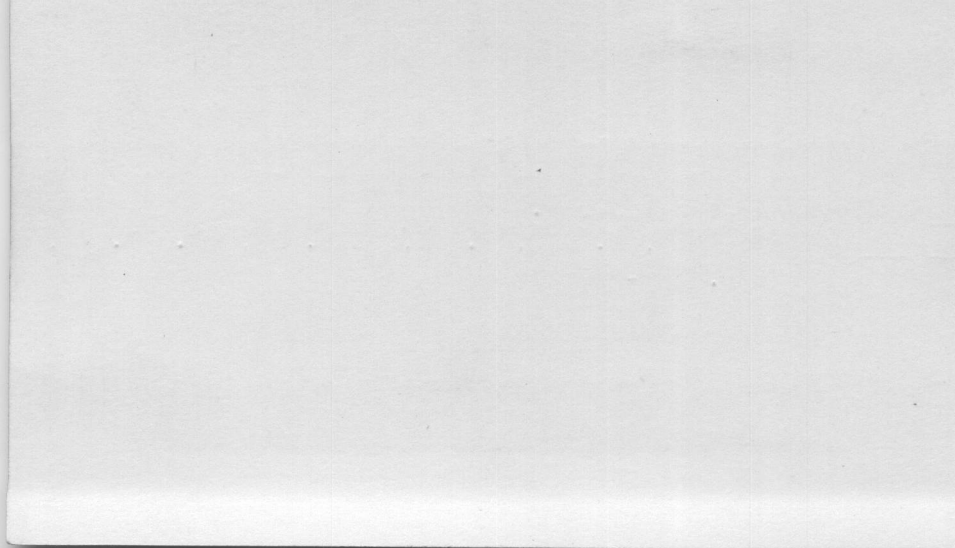
Bere, 1936, p. 579; pl. 1, figs. 11-16., FLORIDA-
GULF

megalops Meehan 1940, p. 492

Wilson 1944, p. 570, P. 21, figs. 19, 21. Pl. 26,
figs. 105-107

-- BOUCAET 1985: 31-35, FIGS. 1-3, REDESCRIPTION - MIAMI
Host. Skin of *Ogcocephalus*; *Tagodon*; *Echeneis*;
Chilomycterus. Florida

- PEARSE 1952: 188, FLORIDA GULF COAST, HOSTS
OGCOCEPHALUS NASUTUS, *CHILOMYCTERUS SCHOEPI*



Argulus versicolor, Argulidae,
n. sp. ♂. ♀.

— —, Wilson, 1902, p. 716: pl. XX:
pl. XXVI, fig. 83.

— —, Wilson, 1904, p. 643: figs 22-33
(text).

— —, Causey, ¹⁹⁶⁰ ~~1961~~, p. 73, 75

Host, Lucius reticulatus.

New England.

- — Fowler, 1912, p. 138: pl. 58.
— — Wilson, 1916, p. 355.
— — Marsh, 1918, p. 787: text-fig. 1242.
— — CRESSEY 1972: 4, 9, FIG 5 F
— — CRESSEY 1978: 7, 8, FIGS. 3a, 13; HOST LIST.
— — KABATA 1988: 116, FIG. 49A-E, HOST RECORDS, CANADA

Argulidae-Arguloida
Argulus vierai Fonseca PEREIRA FONSECA, 1939

_____, Fonseca 1939. Host Cnesterodon decemmaculatus (Jenyns) ~~Montevideo~~* Uruguay.

_____, Ringuelet 1943, p. 95

-- THATCHER 1991: 493,



Argulidae - Arguloida
Argulus violaceus Thomsen, ♂, ♀.

— — Thomsen, 1925, p. 185: text-figs. 1-15

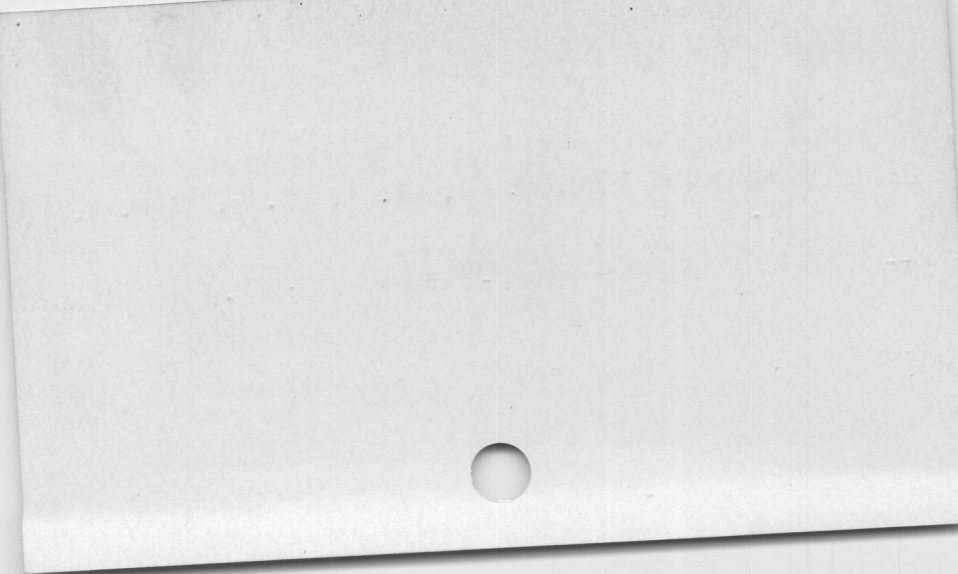
— — Ringuélet 1943, p. 64, pl. 1, pl. 5, figs. 1, 2,
pl. 6

-- Lemos de Castro & Gomes-Correa 1985: 52.

-- THATCHER 1991: 493, FIGS. 9-1 & 9-19

Host. On Rhamdia quelen.

Monterideo.



Argulus viridis, ^{Argulidae.} Nettovich, ♀.

— —. Nettovich, 1900, pp. 1-12: pl. I,
figs. 1, 5, 7, 9, 11 & 13.

A. viridis Martin 1932 = *A. foliaceus* (L.) Gurney

Host, Phodius anarus, Europe. 1948

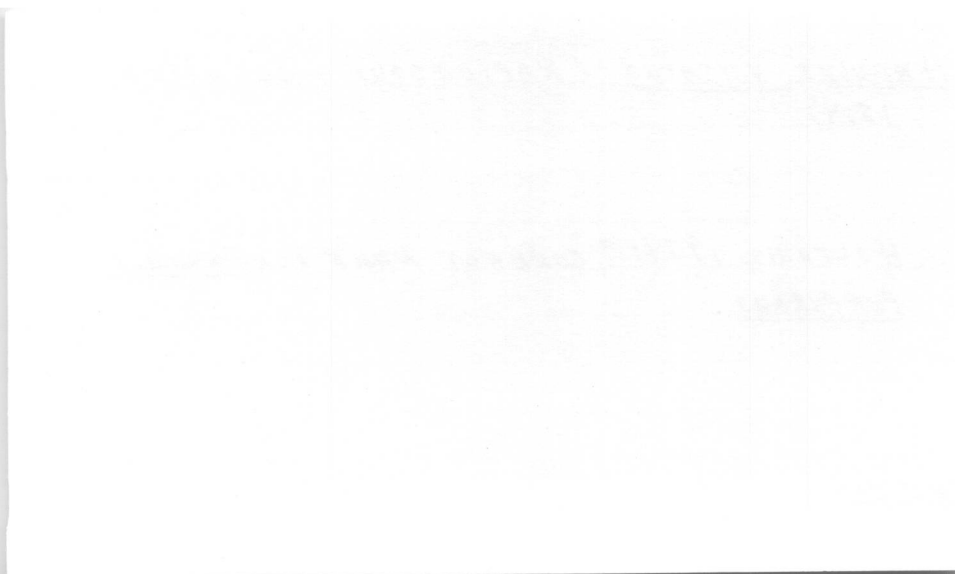
595.772

1C59

590.642

ARGULUS VITTATUS (RAFINESQUE - SCHMALTZ,
1814)

-- HOLTUIS, 1954: 9, CORRECT NAME FOR ARGULUS
PURPUREUS.



Argulus wilsonii Brian

argulidae

- — Brian 1940, p. 94, 6 figs., ♂, Kalamu River, Boma, Africa. Host: Hydrocyon goliath. Named for C. B. Wilson
- WILSONI, CARLI & BRUZZONE 1973b: 129

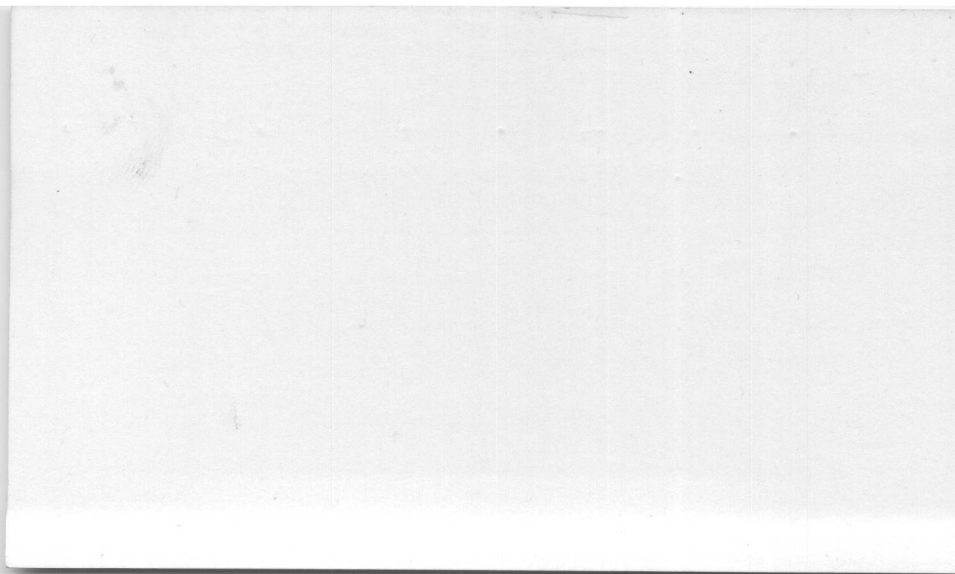


Argulus yunnanensis Shen 1948.

Contr. Inst. Zool., Nat. Acad. Peiping, 4: 159-160,
pl. XVIII

Kunming Lake

- KUANG 1991: 343, 348, YUNNAN PROVINCE, CHINA



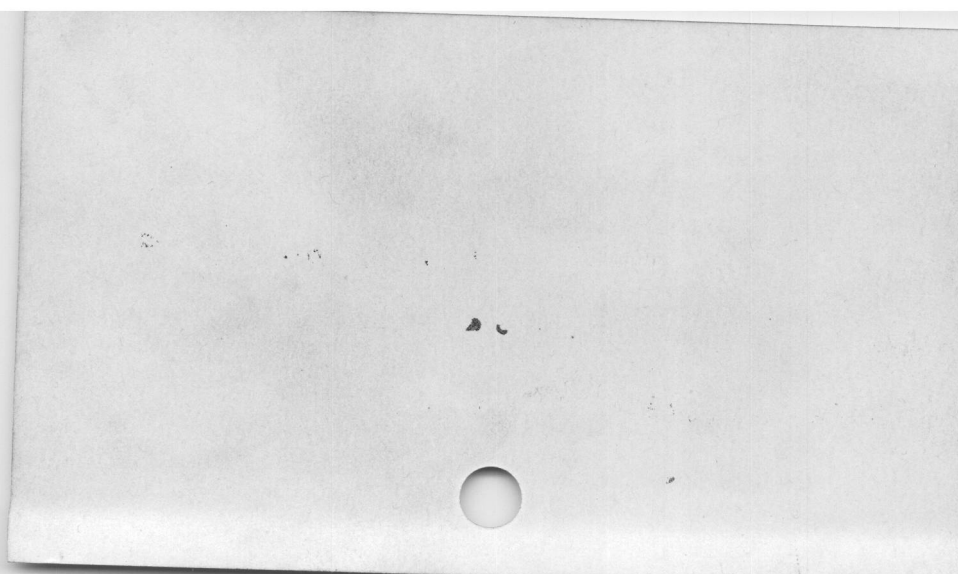
Argulidae - Arguloida,

Argulus zeii Brian. ♂.

- — Brian, 1924, p. 59: text-figs. 66-67.
— — Brian, 1924, pp. 420, 422, figs. 66-67
— — CARLI & BRUZZONE 1973b: 130

Host, Mouth of Zeus faber.

Mauritania

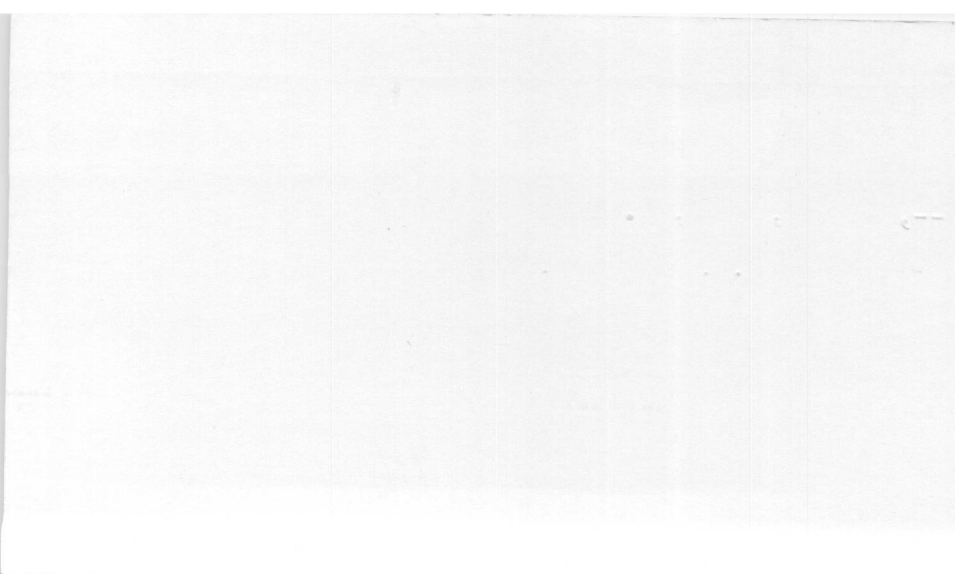


Argulus sp.

Causey, 1959, pp. 215, 216, fig. 11

Argulus sp.

- , Cressey & Lachner, 1970, p. 317
- , Kabata, 1970, p. 114
- , Cole, G.A., 1959, p. 72, 73
- SAGE ET AL 1976: 85, TAB. 1 - POTOMAC RIVER
- DICKINSON 1948 (49): 23, NORTH FLORIDA
- DECHTIAR ET AL. 1988: 267, LAKE HURON
- TARVER & SAVOIE 1976: 71, LAKE PONTCHARTRAIN, LA
- SHIH ET AL. 1971: 57, CANADA - ATLANTIC
- BOONSOOM 1984: 227, THAILAND



Argulus sp.

--, Shen, 1956, pp. 2, 11-12, 16, pl. IV (45-51)

--, Pagerna, 1969, p. 214

- ZWERNER & LAWLER 1972: 85, CHESAPEAKE
BAY, HOST FUNDULUS MAJALIS

