

The Trematodes of Reptiles, Part I,  
Systematic Section



R. CHESTER HUGHES, JOE W. HIGGINBOTHAM,  
and JASPER W. CLARY



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## The Trematodes of Reptiles, Part I, Systematic Section\*

R. Chester Hughes, Joe W. Higginbotham, and  
Jasper W. Clary

This is the first of a series of compilatory articles covering published information concerning reptilian trematodes. According to present plans later parts will contain an host catalogue,\*\* an index of both valid and invalid specific names of the worms, and an extensive bibliography of the more recent literature covered by the series.

The following acknowledgments are gratefully made. Dr. E. W. Price of the United States Bureau of Animal Industry kindly supplied us with important suggestions concerning the taxonomy of certain of the trematodes and with information about some of the literature involved. Mr. Arthur Loveridge of the Museum of Comparative Zoology (Harvard College) and Dr. Karl P. Schmidt of the Field Museum of Natural History (Chicago) gave us extensive assistance relative to questions of synonymy regarding the names of reptilian hosts listed below.

The respective abbreviations, *Dist.*, *Monost.*, and *Amphist.* are used interchangeably for *Distoma* or *Distomum*, *Monostoma* or *Monostomum*, and *Amphistoma* or *Amphistomum*. Since both forms of each of the three terms in question have been extensively used and since in modern terminology they represent mere collective groups, not valid genera, we thought it unnecessary to trace and record the variations in spelling.

### The Species of Reptilian Flukes in Systematic Outline

Phylum PLATYHELMINTHES Claus 1880  
Class TREMATODA Rudolphi 1808  
Subclass ASPIDOGASTREA Faust and Tang 1936  
Order ASPIDOGASTRATA Faust 1932  
Superfamily ASPIDOGASTROIDEA Nicoll 1935  
Family ASPIDOGASTRIDAE Poche 1907  
Genus ASPIDOGASTER von Baer 1826

*Aspidogaster conchicola* von Baer 1826.—*Aspidonotus* c. (B.) Keber 1851. From Pelecypoda in Eurasia and North America. Larva recorded from *Trionyx sinensis* in China—Faust 1922 a, b.

Genus COTYLASPIS Leidy 1857

*Cotylaspis coheri* Barker and Parsons 1914a.—From *Graptomys geographica* in the United States.

\* Contribution No. 92 from the Zoological Laboratory, Oklahoma Agricultural and Mechanical College.

\*\* "The trematodes of reptiles, part II, host catalogue," has been scheduled for publication in Proc. Okla. Acad. Sci., vol. 21, 1941.

*Cotylaspis lenoiri* (Poirier 1886) Nickerson 1902.—*Aspidogaster* l. P., *Platyaspis* l. (P.) Monticelli 1892. From *Cyclanorbis senegalensis* and *Trionyx triunguis* in Africa.  
*Cotylaspis sinensis* Faust and Tang 1936.—From *Trionyx sinensis* in China.  
*Cotylaspis stunkardi* Rumbold 1928.—From *Chelydra serpentina* in North Carolina.

Genus LISSEMYSIA Sinha 1935

*Lissemysia indica* Sinha 1935.—From *Lissemys punctata* in India.

Genus LOPHOTASPIS Looss 1902

*Lophotaspis interiora* Ward and Hopkins 1931.—From *Macrochelys temminckii* in Arkansas.

*Lophotaspis orientalis* Faust and Tang 1936.—From *Trionyx sinensis* in China.

*Lophotaspis vallei* (Stossich 1899) Looss 1902.—*Aspidogaster* v. S., *Amphistoma* v. (S.) L. 1902; *L. adhaerens* L. 1901. From *Caretta caretta* in the Mediterranean Sea and the Gulf of Mexico. Recent study—Wharton 1939.

Subclass DIGENEA Carus 1863

Order FASCIOLATA Nicoll 1936

Superfamily ALLOCREADIOIDEA Nicoll 1935

Family ALLOCREADIIDAE Stossich 1904

Subfamily ALLOCREADIINAE Looss 1902

Genus CREPIDOSTOMUM Braun 1900

*Crepidostomum cooperi* Hopkins 1931.—*C. ambloplitis* H. 1931; *C. solidum* Van Cleave and Mueller 1932; *C. fausti* Hunninen and Hunter 1933. Adults from various fish and *Trionyx mutica* in North America. Life history—Hopkins 1934.

*Crepidostomum serpentinum* Talbot and Hutton 1935. Adults from *Natrix septemvittata* in the United States.

Genus KAURMA Chatterji 1936

*Kaurma longicirra* Chatterji 1936.—From *Lissemys punctata* in India.

*Kaurma orientalis* Yamaguti 1937b.—From *Trionyx japonica* in Japan.

Subfamily Undetermined

Genus LAURERIELLA Skrjabin 1914

*Laureriella lateriporus* Skrjabin 1914.—From *Chamaeleo* sp. in Africa.

Superfamily CLINOSTOMATOIDEA Dollfus 1931

Family BRACHYLAEMIDAE Joyeux and Foley 1930

Subfamily BRACHYLAEMINAE Joyeux and Foley 1930

Genus BRACHYLAEMUS Blanchard 1847

(*Brachylaima* Dujardin 1843, *Brachylaimus* Dujardin 1845)

Species Inquirendae

*Dist. baraldii* Sonsino 1892.—*D. (Brachylaimus) b.* S.—Stossich 1895. From *Coluber gemonensis* in Cantania.

*Dist. monas* Rudolphi 1819.—*D. (Brachylaimus) m.* R.—Parona 1896. From a coecilian and *Amphisbaena* sp. in Brazil.

Family LIOLOPIDAE Dollfus 1934

Subfamily LIOLOPINAE Odhner 1912a

Genus HARMOTREMA Nicoll 1914a

*Harmotrema eugari* Tubangui and Masilungan 1936.—From *Naja* sp. in the Philippine Islands.

*Harmotrema infecundum* Nicoll 1914a.—From *Grayia smythii* in Africa.

*Harmotrema laticaudae* Yamaguti 1933.—From *Laticauda laticauda* in Japan.

*Harmotrema nicolii* Mehra 1936.—From *Gavialis gangeticus* in India.

*Harmotrema rudolphii* Tubangui and Masilungan 1936. From *Crocodylus porosus* in the Philippine Islands.

Genus *HELICOTREMA* Odhner 1912a

*Helicotrema asymetrica* Travassos 1922.—*Helicometra a.* (T.) T. 1929. From *Iguana iguana* in Brazil.

*Helicotrema magniovatum* Odhner 1912a.—*Helicometra m.* (O.) Travassos 1929. From *Iguana iguana*.

*Helicotrema spirale* (Diesing 1850) Odhner 1912a.—*Monost. s. D., Dist. s. (D.) Brandes 1892, Helicometra s. (D.) Travassos 1929.* From *Iguana iguana, Podocnemis tracaxa,* and *Testudo tabulata* in Brazil.

## Family NEPHROCEPHALIDAE Dollfus 1931

## Subfamily NEPHROCEPHALINAE Travassos 1929

## Genus NEPHROCEPHALUS Odhner 1902

*Nephrocephalus sessilis* Odhner 1902. From *crocodylus niloticus* in Sudan.

## Genus ODHNERIOTREMA Travassos 1929

*Odhneriotrema incommodum* (Leidy 1856) McIntosh 1935.—*Monost. i. L., Dist. i. (L.) L. 1891, Homoscaphis i. (L.) Canavan 1933; Dist. oricola L., 1884.* From *Alligator mississippiensis* in Florida.

*Odhneriotrema microcephala* (Travassos 1922) Travassos 1929a.—*Nephrocephalus m. T.* From *Caiman crocodilus* in Brazil.

## Superfamily DICROCOELIOIDEA Faust 1929

## Family BRACHYCOELIIDAE Johnston 1913a

## Subfamily BRACHYCOELIINAE Looss 1899

## Genus BRACHYCOELIUM Dujardin 1845

*Brachycoelium salamandrae* (Frölich 1789) Rankin 1938.—Synonymy from R. 1938: *Fasciola s. F., Dist. s. (F.) Zeder 1803; D. crassicolle Rudolphi 1809, B. c. (R.) Looss 1899, Lecithodendrium c. (R.) Stossich 1899; B. daviesi Harwood 1932; B. dorsate Byrd 1937c; D. flavocinctum von Linstow 1879; B. georgianum B. 1937c; D. hospitale Stafford 1900, B. h. (S.) L 1902; B. louisianae B. 1937c; B. meridionalis H. 1932; B. mesorchium B. 1937c; B. obesum Nicoll 1914a; B. ovale B. 1937c; B. storeriae H. 1932.* From various amphibians and from *Anguis fragilis, Leiopisma unicolor, Ophedryx aestivus, Ophisaurus ventralis,* and *Storeria dekayi* in Europe and North America.

*Brachycoelium* sp. Harwood 1932.—From *Ophedryx aestivus* in Texas.

## Genus LEPTOPHALLUS Lühe 1909

*Leptophallus nigrovenosus* (Bellingham 1844) Lühe 1909.—*Dist. nigrovenosum B., Lecithodendrium nigrovenosum (B.) Lühe 1899, Brachycoelium nigrovenosum (B.) Looss 1902; D. n. natricis torquatae Diesing 1855; D. signatum Dujardin 1845, Caudorchis s. (D.) Talbot 1934.* From *Natrix chrysarga* and *N. natrix* in Europe.

## Subfamily CYMATOCARPINAE Baer 1924

## Genus CYMATOCARPUS Looss 1899

*Cymatocarpus solearis* (Braun 1899) Braun 1901.—*Dist. soleare B.* From *Chelonia mydas*.

*Cymatocarpus undulatus* Looss 1899.—From *Caretta caretta* in Egypt, Gulf of Persia, and (Linton 1910) Florida.

## Subfamily ORCHIDASMATINAE Dollfus 1937

## Genus ORCHIDASMA Looss 1900

*Orchidasma amaphiorchis* (Braun 1899) Braun 1901.—*Dist. a. B., Anadasmus a. (B.) Looss 1899.* From *Caretta caretta, C. olivacea, Chelonia mydas,* and *Podocnemis expansa* near Brazil, Florida, Italy, and Japan.

## Family DICROCOELIIDAE Odhner 1910

## Subfamily DICROCOELIINAE Looss 1899

## Genus EUPARADISTOMUM Tubangui 1931

*Euparadistomum varani* Tubangui 1931.—From *Varanus salvator* in the Philippine Islands.

## Genus EURYTREMA Looss 1907

*Eurytrema travassosi* Bhalerao 1936a.—*Euritrema parvum* Travassos 1916 not *Eurytrema parvum* Senoo 1908. From *Tupinambis teguixin* in Brazil.

## Genus INFIDUM Travassos 1916

*Infidum infidum* (de Faria 1910) Travassos 1916.—*Dicrocoelium* i. F. From *Eunectes murinus* in Brazil.

*Infidum luckeri* McIntosh 1939b.—From *Dromicus hoodensis* on the Galapagos Islands.

*Infidum similis* Travassos 1916.—From *Drymobius bifossatus* in Brazil.

## Genus PARADISTOMUM Kossack 1910

*Paradistomum ceratophorae* (Dollfus 1923) Bhalerao 1936a.—[*Paradistoma*] c. D., *Paradistoma* c. (D.) Woodcock 1925; *Paradistomum lan̄ka* Fernando 1923. From *Ceratophora stoddarti* in Ceylon.

*Paradistomum crucifer* (Nicoll 1914a) Travassos 1919.—*Eurytrema* c. N. From *Delma fraseri* in Australia.

*Paradistomum excalotes* Tubangui and Masiluñgan 1935.—From *Calotes calotes* in the Philippine Islands.

*Paradistomum geckonum* Bhalerao 1929.—From *Gekko gekko* in Burma.

*Paradistomum gregarinum* Tubangui 1929.—*P. magnum* Tubangui 1928 not Travassos. From *Hemidactylus frenatus* and *H. gleadowii* in Burma and the Philippine Islands.

*Paradistomum indicum* (Narain and Das 1929) Bhalerao 1936a.—*Dicrocoelium indica* N. and D. From *Uromastix hardwickii* in India.

*Paradistomum lutzi* Travassos 1919.—From *Trimeresurus atrox* in South America.

*Paradistomum maccallumi* (Johnston 1932) Bhalerao 1936a.—*Paradistoma* m. J.; *Cephalogonimus trachysauri* MacCallum 1921. From *Trachysaurus rugosus* in Australia.

*Paradistomum magnum* Travassos 1919.—From *Philodryas schotti* in South America.

*Paradistomum magnum oroterminusum* Bhalerao 1929.—From *Mabuya dissimilis* in Burma.

*Paradistomum moghei* Bhalerao 1936a.—From *Calotes versicolor* in India.

*Paradistomum mutabile* (Molin 1859) Nicoll 1924.—*Dist. m. M.*, *Dicrocoelium m. (M.)* Braun 1901, *Anchitrema m. (M.)* Rizzo 1902, *Paradistoma m. (M.)* Dollfus 1922. From *Lacerta agilis*, *L. muralis*, *Mabuya siamensis*, and *Tarentola mauritanica* in Italy and Indo-China.

*Paradistomum orientalis* (Narain and Das 1929) Bhalerao 1936a.—*Dicrocoelium o. N.* and D. From *Hemidactylus flaviviridis* in India.

*Paradistomum paloensis* Tubangui 1933.—From *Hydrosaurus pustulosus* in the Philippine Islands.

*Paradistomum trachysauri* (MacCallum 1921) Bhalerao 1929.—*Paragonimus t. M.*, *Paradistoma t. (M.)* Johnston 1932. From *Trachysaurus rugosus* in Australia.

*Paradistomum zonuri* Malan 1939.—From *Cordylus cordylus* in South Africa.

## Subfamily MESOCOELIINAE Dollfus 1929

## Genus MESOCOELIUM Odhner 1910

*Mesocoelium americanum* Harwood 1932.—From *Eumeces fasciatus*, *Leiopisma unicolor*, and *Storeria dekayi* in Texas.

*Mesocoelium breviccaecum* Ochi 1930.—From amphibians and *Elaphe quadrivirgata* and *Eumeces latiscutatus* in Asia.

*Mesocoelium meggitti* Bhalerao 1927a.—From *Maybuya dissimilis* and *M. multifasciata* in India and the Philippine Islands.

*Mesocoelium danforthi* Hoffman 1935.—From *Celestus pleii* in Porto Rico.

*Mesocoelium geoemydae* Ozaki 1936.—From *Geoemyda spengleri* in Japan.

*Mesocoelium leiperi* Bhalerao 1936a.—From *Natrix piscator* in Burma.

*Mesocoelium meggitti* Bhalerao 1927a.—From *Maybuya dissimilis* and *M. multifasciata* in India and the Philippine Islands.

*Mesocoelium microon* Nicoll 1914b.—From frogs and *Tiliqua scincoides* in Australia.

*Mesocoelium monodi* Dollfus 1929.—From *Agama agama*, *A. planiceps*, *Chamaeleo gracilis*, *Mabuya maculilabris*, and *Riopa fernandi* in Africa.

*Mesocoelium sociale* (Lühe 1901) Odhner 1910.—Dist. s. L. From amphibians and (Chatterji 1940) *Ptyas mucosus* in India.

Genus PINTNERIA Poche 1907

*Pintneria mesocoelium* (Cohn 1903) nobis.—*Hoploderma m. C.* From *Draco volans* in Java.

Family LECITHODENDRIIDAE Odhner 1910

Subfamily ANCHITREMATINAE Mehra 1935

Genus ANCHITREMA Looss 1899

*Anchitrema latum* Gedoelst 1919.—From *Chamaeleo dilepis* in Belgian Congo.

*Anchitrema sanguineum* (Sonsino 1894) Looss 1899.—Dist. s. S. From *Chamaeleo basiliscus*, *C. chamaeleon*, and bats in Africa.

*Anchitrema sokolovi* (Skrjabin 1914) Dollfus 1929.—*Mesocoelium s. S.* From *Chamaeleo sp.* in Africa.

Subfamily EXOTIDENDRIINAE Mehra 1935

Genus EXOTIDENDRIUM Mehra 1935

*Exotidendrium gharialii* Mehra 1935.—From *Gavialis gangeticus* in India.

Subfamily LECITHODENDRIINAE Looss 1902

(*Lecithodendrinae* Lühe 1901)

Genus LECITHODENDRIUM Looss 1896

*Lecithodendrium hirsutum* (Looss 1896) Looss 1899.—Dist. h. L. From a chameleon in Egypt.

*Lecithodendrium obtusum* (Looss 1896) Looss 1899.—Dist. o. L. From *Chamaeleo basiliscus* in Egypt.

*Lecithodendrium sp.* Joyeux and Houdemer 1928.—From *Mabuya siamensis* in Indo-China.

Subfamily PALITREMATINAE nobis

(*Palitreminae* Gogate 1939)

Genus PALITREMA Gogate 1939

*Palitrema macrorchis* Gogate 1939.—From *Calotes versicolor* and *Hemidactylus brooki* in Rangoon.

Subfamily PLEUROGENETINAE Looss 1899

Genus PLEUROGENOIDES Travassos 1921b

*Pleurogenoides medians* (Olsson 1876) Travassos 1921.—Dist. m. O., *Pleurogenes m. (O.)* Looss 1899, *Dist. tacapense* Sonsino 1894, *Pleurogenes tacapensis* (S.) L. 1899. From various amphibians and *Chamaeleo chamaeleon* in Tunisia.

*Pleurogenoides tener* (Looss 1898) Travassos 1921b.—Dist. "tacapense" of Looss 1898 and *Pleurogenes "tacapense"* of Stossich 1899; *Dist. tenere* L., *Pleurogenes tener* (L.) L. 1898, *Dist. tenerum* L. 1899, *Prosotocus tener* (L.) L. 1899. From *Chamaeleo basiliscus* in Egypt.

Genus POSTORCHIGENES Tubangui 1928

*Postorchigenes ovatus* Tubangui 1928.—From *Hemidactylus frenatus* in the Philippine Islands.

Species Inquirendae in Dicrocoelioidea

*Dist. arrectum* Dujardin 1845.—*D. (Dicrocoelium) a. D.*—Stossich 1895. From *Lacerta muralis* and *L. viridis* in France.

*Dist. (Dicrocoelium) assula* Dujardin 1845.—From *Natrix natrix* in France.

Superfamily ECHINOSTOMATOIDEA Faust 1929

Family COTYLOTRETIDAE Travassos 1922

Genus COTYLOTRETUS Odhner 1902

*Cotylotretus rugosus* Odhner 1902.—From *Spilotes pullatus*.

Family ECHINOSTOMATIDAE Poche 1926

(*Echinostomidae* Looss 1902)

Genus ALLECHINOSTOMUM Odhner 1910

*Allechinostomum crocodili* (Poirier 1886) Odhner 1910.—Dist. c. P., *Echinostoma*

c. (P.) Stossich 1895, *Echinostomum* c. (P.) Odhner 1902, *Echinostomum umbonatum* O. 1902. From *Crocodylus niloticus* in Africa and from *C. siamensis*.

Genus ECHINOSTOMA Rudolphi 1809

*Echinostoma jacarétinga* de Freitas and Lent 1938a.—From *Caiman crocodilus* in Brazil.

Genus PARYPHOSTOMUM Dietz 1909

*Paryphostomum indicum* Bhalerao 1931b.—From *Uromastix hardwickii* in India.

Genus STEPHANOPRORA Odhner 1902

*Stephanoprora ornata* Odhner 1902.—*Echinostomum ornatum* (O.) O. 1910. From *Crocodylus niloticus* in Egypt.

Genus TESTISACULUS Bhalerao 1927a

*Testisaculus indicus* Bhalerao 1927a.—From *Uromastix hardwickii* in India.

Superfamily FASCIOLOIDEA Stiles and Goldberger 1910

Family FASCIOLIDAE Railliet 1895

Subfamily OMPHALOMETRINAE Looss 1899

Genus PULCHROSOMOIDES de Freitas and Lent 1937

*Pulchrosomoides elegans* de Freitas and Lent 1937.—From *Iguana iguana* in Brazil.

Family PLEORCHIDAE nobis

(*Pleorchidae* Poche 1926)

Genus PLEORCHIS Railliet 1896

*Pleorchis mollis* (Leidy 1856) Stiles 1896.—*Monost. molle* L., *Polyorchis molle* (L.) Monticelli 1896. From *Sternotherus odoratus* in the United States.

Superfamily HAPLOPOROIDEA Nicoll 1935

Family ZOOGONIDAE Odhner 1911a

Subfamily ZOOGONINAE Odhner 1902

Genus ZOOGONOIDES Odhner 1902

*Zoogonoides boae* MacCallum 1921.—From *Constrictor constrictor* in Brazil.

Superfamily HEMIUROIDEA Faust 1929

Family AZYGIDAE Odhner 1911b

Genus PROTEROMETRA Horsfall 1933

*Proterometra sagittaria* Dickerman 1937.—*Cercaria* s. D. Adults "developed experimentally in fish and turtles."

Family HALIPEGDAE Poche 1926

Genus HALIPEGUS Looss 1899

*Halipegus dubius* Klein 1905.—From *Ptyas dipsas*.

*Halipegus kessleri* (Grebritzky 1872) Wlassenko 1929.—*Dist. k.* G. From frogs and *Natrix natrix* in Russia. According to Ingles 1936 *H. k.* and *H. rossicus* Isaichikov and Zakharov 1929 are varieties of *H. ovocaudatus* (Vulpian 1858) Looss 1899 [= *D. ovocaudatum* V. and *Cercaria cystophora* Wagener 1866].

Genus VITELLOTREMA Guberlet 1928

*Vitelлотrema fusipora* Guberlet 1928.—From *Farancia abacura* in the United States.

Family HEMIURIDAE Lühe 1901

Subfamily HEMIURINAE Looss 1899

Genus HEMIURUS Rudolphi 1809

*Hemirus* sp. Johnston 1912.—*Apoblema* sp. J. 1910. From *Denisonia superba* and *Pseudechis porphyriacus* in Australia.

Subfamily STERRHURINAE Looss 1907

Genus LECITHOCHIRIUM Lühe 1901

*Lecithochirium dillaneii* Nicoll 1918b.—From *Distiera* sp. in Australia.



## Superfamily HERONIMOIDEA nobis

(Heronimoinae Poche 1926)

Family HERONIMIDAE Ward 1917

Genus HERONIMUS MacCallum 1902

*Heronimus chelydrae* MacCallum 1902.—*Aorchis extensus* Barker and Parsons 1914; *H. geomydae* M. 1921; *H. maternum* M. 1921. From *Chelydra serpentina*, *Chrysemys picta*, *Emys blandingii*, *Geoemyda punctularia*, *Graptemys geographica*, *Kinosternon hirtipes*, *K. subrubrum*, *Pseudemys scripta*, and *Sternotherus odoratus* in North America and on Trinidad Island. See Caballero 1940.

## Superfamily HETEROPHYOIDEA Faust 1929

Family SIGMAPERIDAE nobis

Subfamily SIGMAPERINAE Poche 1926

Genus SIGMAPERA Nicoll 1918b

*Sigmapera cincta* Nicoll 1918b.—From *Emydura latisternum* in Australia. Poche 1926 and Ciurea 1933 include the Sigmaperinae in the family Heterophyidae Odhner 1914 but this arrangement is not accepted by Witenberg 1929 and Price 1940.

## Superfamily NOTOCOTYLOIDEA Nicoll 1935

Family PRONOCEPHALIDAE Looss 1902

Subfamily CHARAXICEPHALINAE Price 1931

Genus CHARAXICEPHALUS Looss 1901

*Charaxicephalus robustus* Looss 1901.—From *Chelonia mydas* near Egypt.

Genus DESMOGONIUS Stephens 1911

*Desmogonius desmogonius* Stephens 1911.—From *Chelonia mydas* near Nicaragua.

Genus DIASCHISTORCHIS Johnston 1913b

*Diaschistorchis ellipticus* (Pratt 1914) Price 1931.—*Wilderia elliptica* Pratt. From *Caretta caretta* in the Gulf of Mexico. Mehra 1932b considers *D. e.* to be a synonym of *D. pandus*.

*Diaschistorchis gastricus* Mehra 1932b.—From *Hardella thurgi*, *Kachuga dhongoka*, *K. smithii*, and *K. tectum* in India.

*Diaschistorchis lateralis* Oguro 1936.—From *Chelonia japonica* near Japan.

*Diaschistorchis pandus* (Braun 1901) Johnston 1913b.—*Monost. pandum* B.; *Synechorchis megas* Barker 1922. From *Caretta caretta*, *Chelonia mydas*, and *Eretmochelys imbricata* near Australia, Bermuda Islands, Cuba, Italy, and Japan.

*Diaschistorchis takahashii* Fukui and Ogata 1936b.—From *Ocadia sinensis* in Japan. See F. and O. 1939.

Subfamily NEOPRONOCEPHALINAE Mehra 1932b

Genus NEOPRONOCEPHALUS Mehra 1932b

*Neopronocephalus gangeticus* Mehra 1932b.—From *Kachuga dhongoka* in India.

*Neopronocephalus mehri* Chatterji 1936.—From *Morenia ocellata* in India.

*Neopronocephalus triangularis* Mehra 1932b.—From *Kachuga dhongoka* in India.

Subfamily PRONOCEPHALINAE Looss 1899

Genus ADENOGASTER Looss 1901

*Adenogaster serialis* Looss 1901.—From *Caretta caretta* near Egypt.

Genus ASTRORCHIS Poche 1926

*Astrorchis renicapite* (Leidy 1856) Poche 1926.—*Monost. r. L.*; *M. nephrocephalum* Diesing 1858; *M. sphargidis* MacCallum 1921. From *Dermochelys coriacea* near Massachusetts and Tunisia.

Genus CRICOCEPHALUS Looss 1899

*Cricocephalus albus* (Kuhl and van Hasselt 1822) Looss 1899.—*Monost. album* K. and H.; *C. delitescens* L. 1899; *C. hoizumi* Kokayashi 1915. From *Caretta caretta* near Florida (Linton 1910), *Chelonia japonica* near Japan, *C. mydas* near Singapore and in the Mediterranean Sea, and *Eretmochelys imbricata* near Australia.

*Cricocephalus megastomus* Looss 1902.—From *Chelonia mydas* near Egypt.  
*Cricocephalus resectus* Looss 1902.—From *Chelonia mydas* near Egypt.  
*Cricocephalus ruber* (Kuhl and van Hasselt 1822) Looss 1899.—*Monost. rubrum* K. and H. From *Chelonia mydas* near "Isles des Cocotiers."

## Genus EPIBATHRA Looss 1902

*Epibathra crassa* (Looss 1901) Looss 1902.—*Glyphicephalus crassus* L. From *Caretta caretta* near Egypt.

## Genus GLYPHICEPHALUS Looss 1901

*Glyphicephalus lobatus* Looss 1901.—From *Chelonia mydas* near Egypt.  
*Glyphicephalus solidus* Looss 1901.—From *Chelonia mydas* near Egypt.

## Genus MACRAVESTIBULUM Mackin 1930

*Macravestibulum eversum* Hsü 1937.—From *Graptemys geographica* in Michigan.  
*Macravestibulum obtusicaudum* Mackin 1930.—From *Pseudemys scripta* in Oklahoma.

## Genus MEDIOPORUS Oguro 1936

*Medioporus cheloniae* Oguro 1936.—From *Chelonia japonica* in Japan.  
*Medioporus macrophallus* Oguro 1936.—From *Eretmochelys imbricata* in Japan.

## Genus PLEUROGONIUS Looss 1901

*Pleurogonius bilobus* Looss 1901.—From *Chelonia mydas* near Egypt.  
*Pleurogonius linearis* Looss 1901.—From *Chelonia japonica* near Japan and *C. mydas* near Egypt.  
*Pleurogonius longiusculus* Looss 1901.—*Monost. "trigonocephalum"* of van Beneden 1859. From *Chelonia mydas* near Egypt.  
*Pleurogonius minutissimus* Looss 1901.—From *Chelonia mydas* near Egypt.  
*Pleurogonius ozaki* Oguro 1936.—From *Eretmochelys imbricata* near Japan.  
*Pleurogonius trigonocephalus* (Rudolphi 1809) Looss 1901.—*Monost. t. R.*; *Planaria mydae* Braun in R. 1809. From *Caretta caretta* near Florida and from *Eretmochelys imbricata* near Australia.

## Genus PRONOCEPHALUS Looss 1899

*Pronocephalus obliquus* Looss 1901.—*Monost. "trigonocephalus"* and *P. t.* of Looss 1899. From *Chelonia japonica* near Japan.

## Genus PYELOSOMUM Looss 1899

*Pyelosomum cochlear* Looss 1899.—From *Chelonia mydas* near Egypt.  
*Pyelosomum longicaecum* Luhman 1935.—From *Caretta caretta* near Florida.  
*Pyelosomum posterorchis* Oguro 1936.—From *Eretmochelys imbricata* near Japan.

## Subfamily TELOPORINAE Stunkard 1934

(Teloporidae Fukui 1933, Teloporiidae Nicoll 1935)

## Genus TELOPORIA Fukui 1933

*Teloporia aspidonectes* (MacCallum 1917) Fukui 1933.—*Paramphistomum a. M.*, *Opisthoporus a. (M.)* F. 1929. From *Trionyx ferox* and *T. spinifera* in the United States.

## Superfamily OPISTHORCHIOIDEA Vogel 1934

(*Opisthorchoidea* Faust 1929)

## Family ACANTHOSTOMATIDAE Nicoll 1935

(*Acanthostomidae* Poche 1926)

## Subfamily ACANTHOSTOMATINAE nobis

(*Acanthostominae* Nicoll 1914)

## Genus ACANTHOSTOMUM Looss 1899

*Acanthostomum atae* Tubangui and Masilufigan 1936.—From *Crocodylus porosus* in the Philippine Islands.

*Acanthostomum coronarium* (Cobbold 1861) Looss 1899.—*Dist. c. C.*, *Anoiktostoma c. (C.)* Stossich 1899, *Acanthochasmus coronarius* (C.) Braum 1901. From *Alligator mississippiensis* and *Crocodylus acutus* in North America.

*Acanthostomum diploporum* (Stunkard 1931) Stunkard 1938.—*Acanthochoasmus diploporus* S. From *Alligator mississippiensis* in the United States.

*Acanthostomum elongatum* Tubangui and Masiluñgan 1936.—From *Crocodylus porosus* in the Philippine Islands.

*Acanthostomum productum* (Odhner 1902) nobis.—*Acanthochoasmus productus* O. From *Crocodylus niloticus* in Sudan.

*Acanthostomum quaesitum* (Nicoll 1918b) nobis.—*Acanthochoasmus quaesitus* N. From *Crocodylus johnstoni* in Australia.

*Acanthostomum marajoarum* (de Freitas and Lent 1938) nobis.—*Caimanicola m. F.* and L. From *Caiman crocodilus* in Brazil. See Price 1940.

*Acanthostomum scyphocephalum* (Braun 1899) nobis.—*Dist. s. B.*, *Acanthochoasmus scyphocephalus* (B.) B. 1901; *Monost. testudinis* B. 1899. From *Chelys fimbriata* in Brazil.

*Acanthostomum vicinum* (Odhner 1902) nobis.—*Acanthochoasmus vicinus* O. From *Crocodylus niloticus* in Sudan.

Genus ATROPHECAECUM Bhalerao 1940

*Atrophecaecum burminis* (Bhalerao 1926) Bhalerao 1940.—*Acanthochoasmus b. B.*, *Acanthostomum b. (B.)* B. 1936. From *Natrix piscator* in India.

Family CRYPTOAGONIMIDAE Ciurea 1933

Subfamily NEOCHASMINAE Van Cleave and Mueller 1932

Genus NEOCHASMUS Van Cleave and Mueller 1932

*Neochasmus labeosus* Bennett 1935.—*N. l. B.* 1933—nomen nudum. From *Natrix rhombifera* in Louisiana.

Family OPISTHORCHIDAE Braun 1901

(*Opisthorchidae* Lühe 1901)

Subfamily OESOPHAGICOLINAE Yamaguti 1933

Genus OESOPHAGICOLA Yamaguti 1933

*Oesophagicola laticaudae* Yamaguti 1933. From *Laticauda laticauda* in Japan.

Subfamily OPISTHORCHIINAE Looss 1899

Genus CYCLORCHIS Lühe 1908

*Cyclorchis amphileucus* (Looss 1896) Lühe 1908.—*Dist. amphileucum* L., *Opisthorchis amphileuca* (L.) Kowalewski 1898, *Metorchis amphileucus* (L.) L. 1902. From *Naja haje* in Egypt.

*Cyclorchis varani* Price 1936c. From *Varanus niloticus* in Africa.

Genus OPISTHORCHIS Blanchard 1895

*Opisthorchis ophidiarum* Tubangui and Masiluñgan 1935.—From *Lapemis hardwickii* in the Philippine Islands.

*Opisthorchis ovalis* Barker 1911.—From *Trionyx mutica* and *T. spinifera* in the United States.

Subfamily RATZIINAE Price 1940

(*Ratzinae* Dollfus 1929b)

Genus RÁTZIA Poche 1926

*Rátzia parva* (Stossich 1904) Poche 1926.—*Brachymetra p. S.*; *Opisthorchis joyeuxi* Brumpt 1922. Metacercaria from amphibians (Joyeux, du Noyer, and Baer 1930; Wisniewski 1933); adult from *Coluber hippocrepis* in Africa.

Superfamily PARAMPHISTOMATOIDEA Faust 1929

(*Paramphistomoidea* Stiles and Goldberger 1910)

Family ANGIODICTYDIAE Looss 1902

Subfamily ANGIODICTYINAE Poche 1926

Genus ANGIODYCTYUM Looss 1902

*Angiodictyum parallelum* (Looss 1901) Looss 1902.—*Microscaphidium p. L.* From *Chelonia mydas* near Egypt.

## Genus DEUTEROBARIS Looss 1900

*Deuteroberis proteus* (Brandes 1891) Looss 1902.—*Monost. p. B.*, *Notocotyle p. (B.) Monticelli* 1892, *Baris p. (B.) L.* 1899. From *Chelonia mydas* in the Mediterranean Sea.

## Genus MICROSCAPHIDIUM Looss 1900

*Microscaphidium aberrans* Looss 1902.—From *Chelonia mydas* near Egypt.  
*Microscaphidium reticulare* (van Beneden 1859) Looss 1901.—*Monost. r. B.*, *Microscapha reticularis* (B.) Looss 1899. From *Chelonia mydas* near Egypt.

## Genus OCTANGIODES Price 1937

*Octangioides sprjabini* Price 1937.—From *Dermatemys mawii* in Mexico.

## Genus OCTANGIUM Looss 1902

*Octangium hasta* Looss 1902.—From *Chelonia mydas* near Egypt.  
*Octangium sagitta* (Looss 1899) Looss 1902.—*Microscapha s. L.*, *Microscaphidium s. (L.) L.* 1901. From *Chelonia mydas* near Australia and Egypt.  
*Octangium takanoi* Kobayashi 1920.—From *Chelonia mydas* near Singapore.

## Genus POLYANGIUM Looss 1902

*Polyangium linguatula* (Looss 1899) Looss 1902.—*Microscapha l. L.*; *Monost. "reticulare"* of Walter 1893, not *M. r.* van Beneden. From *Chelonia mydas* near Australia and in the Mediterranean Sea.

*Polyangium miyajimai* Kobayashi 1915.—From *Chelonia mydas* in the Mediterranean Sea and from near Singapore. See K. 1920.

## Family METACETABULIDAE de Freitas and Lent 1938b

## Genus METACETABULUM de Freitas and Lent 1938b

*Metacetabulum invaginatium* de Freitas and Lent 1938b.—From *Chelonia mydas* in Brazil.

## Family PARAMPHISTOMATIDAE Goto and Matsudaira 1918

*(Paramphistomidae* Fiscoeder 1901)

## Subfamily CLADORCHINAE nobis \*

*(Cladorchinae* Fiscoeder 1901)

## Genus ALLOSOSTOMA Stunkard 1916

*Allosostoma magnum* Stunkard 1916.—From *Pseudemys scripta* in North America.

## Genus ALLOSOSTOMOIDES Stunkard 1924

*Allosostomoides parvum* (Stunkard 1916) Travassos 1934.—*Allosostoma p. S.*; *Paramphistomum chelydrae* MacCallum 1918; probably *Cercaria inhabilis* Cort 1914 and *C. convoluta* Faust 1919—Beaver 1929. From *Chelydra serpentina*, *Chrysemys picta*, and *Pseudemys floridana* in North America.

## Genus CHIORCHIS Fiscoeder 1901

*Chiorchis purvisi* Southwell and Kirschner 1937.—From *Geoemyda grandis* in Malaysia.

## Genus HALLTREMA Lent and de Freitas 1939

*Halltrema avitellina* Lent and de Freitas 1939.—From *Podocnemis expansa* in Brazil.

## Genus NEMATOPHILA Travassos 1934

*Nematophila grande* (Diesing 1839) Travassos 1934.—*Amphist. g. D.* From *Chelys fimbriata*, *Hydraspis geoffroyana*, *H. gibba*, *H. schoepfii*, *Podocnemis dumeriltiana*, *P. expansa*, *P. tracaxa*, and *Rhinemys nasuta* in the Amazon valley.

\* Southwell and Kirschner 1937 have proposed to suppress the names *Allosostoma*, *Allosostomoides*, *Nematophila*, *Ophioxenos*, *Schizamphistomum*, and *Schizamphistomoides* as synonyms of *Chiorchis* but new combinations of the specific names involved were not made.

## Genus OPHIOXENOS Sumwalt 1926

*Ophioxenos dienteros* Sumwalt 1926.—From *Thamnophis ordinoides* and *T. sirtalis* in Washington (State).

## Genus SCHIZAMPHISTOMOIDES Stunkard 1925

*Schizamphistomoides constrictus* Price 1936c.—From *Pelomedusa subrufa* in Tanganyika.

*Schizamphistomoides spinulosum* (Looss 1901) Stunkard 1925.—*Amphist.* s. L., *Paramphistomum* s. (L.) Gohar 1934. From *Chelonia mydas* in the Mediterranean Sea.

*Schizamphistomoides tabascensis* Caballero and Sokoloff 1934.—From *Dermatemys mawii* in Mexico.

## Genus SCHIZAMPHISTOMUM Looss 1912

*Schizamphistomum scleroporium* (Creplin 1844) Looss 1912.—*Amphist.* s. C., *Schizamphistoma* s. (C.) Fukui 1929; *Paramphistomum papillostomum* MacCallum 1916, *P. papillosum* Stunkard 1926. From *Caretta caretta* and *Chelonia mydas* in the Mediterranean Sea and Atlantic Ocean and from near Australia.

## Subfamily DIPLODISCINAE Cohn 1904

## Genus CATADISCUS Cohn 1904

*Catadiscus dolichocotyle* (Cohn 1903) Cohn 1904.—*Amphist.* d. C. From *Chironius fuscus* in South America.

## Genus DERMATEMYTREMA Price 1937

*Dermatemytrema trifoliata* Price 1937.—From *Dermatemys mawii* in Mexico.

## Subfamily ZYGOCOTYLINAE Ward 1917

## Genus STUNKARDIA Bhalerao 1931b

*Stunkardia dilmphosa* Bhalerao 1927a.—From *Bataguraska* and *Morenia ocellata* in India. See B. 1931b.

## Species Inquirendae in Paramphistomatoidea

*Amphist. cheloniae-imbricatae* Diesing 1858.—From *Eretmochelys imbricata* in Ireland.

*Amphist.* sp. Kreffit 1871.—From *Elseya dentata* in Australia.

*Diplodiscus conicum* Polonio 1859.—From *Natrix chrysarga* in Italy.

## Superfamily PLAGIORCHIOIDEA Dollfus 1930

## Family CALLODISTOMATIDAE nobis

(*Callodistomidae* Poche 1926)

## Subfamily CALLODISTOMATINAE nobis

(*Callodistominae* Odhner 1910)

## Genus BRAUNOTREMA Price 1930

*Braunotrema pulvinata* (Braun 1899) Price 1930.—*Dist. pulvinatum* B., *Thaumato-*  
*cotyle pulvinata* (B.) Odhner 1910. From *Podocnemis expansa* in Brazil.

## Family CALYCODIDAE Dollfus 1929c

## Genus CALYCODES Looss 1901

*Calycodes anthos* (Braun 1899) Looss 1901.—*Dist. a. B.* From *Chelonia mydas* in Egypt and from "cheloniae" in Japan.

## Family CEPHALOGONIMIDAE Nicoll 1915

## Subfamily CEPHALOGONIMINAE Looss 1899

## Genus CEPHALOGONIMUS Poirier 1886

*Cephalogonimus amphiumae* Chandler 1923.—Synonyms according to Bhalerao 1936b: *C. magnus* Sinha 1932; *C. gangeticus* Pande 1932. From a urodele in the United States and from *Trionyx gangetica* and *Lissemys punctata* in India.

*Cephalogonimus burmanica* Chatterji 1936.—From *Lissemys punctata* in Burma.

*Cephalogonimus compactus* Stunkard 1924.—From *Pseudemys floridana* in Florida.

*Cephalogonimus emydalis* Moghe 1930.—From *Lissemys punctata* in India.

*Cephalogonimus japonicus* Ogata 1934b.—From *Trionyx japonica* in Japan.

*Cephalogonimus lenoiri* Poirier 1886.—From *Trionyx triunguis* and *Cyclanorbis senegalensis* in Africa.

*Cephalogonimus mehri* Pande 1932.—From *Lissemys punctata* in India.

*Cephalogonimus minutum* Mehra 1937.—From *Lissemys punctata* in India.

*Cephalogonimus vesicaudus* Nickerson 1912.—From "*Aspidonectes*" and "*Amyda*" in the Mississippi River.

*Cephalogonimus* sp. Lühe 1911.—From *Natrix natrix* in Europe.

Family GORGODERIDAE Looss 1902

Subfamily GORGODERINAE Looss 1899

Genus PHYLLODISTOMUM Braun 1899

*Phyllodistomum cymbiforme* (Rudolphi 1819) Braun 1899.—*Dist. c. R.*, *Spathidium c. (R.)* Looss 1899, *Plesiochorus cymbiformis (R.)* Looss 1901. From *Caretta caretta* and *Chelonia mydas* in Egypt, Florida, and Italy.

Family HAPLOMETRIDAE McMullen 1937

Subfamily HAPLOMETRINAE Pratt 1902

Genus MACRODERA Looss 1899

*Macrodera longicollis* (Abildgaard 1788) Lühe 1909.—*Fasciola l. A.*, *Dist. longicollis (A.)* Cobbold 1860; *D. attenuatum* Rudolphi 1814; *D. naja* R. 1819, *M. n. (R.)* Looss 1899, *Saphedera n. (R.)* L. 1902, *D. naia* Dujardin 1845; *D. colubri natrixis pulmonale* R. 1809; *D. pulmonalis c. n.* Viborg 1795. From *Coluber gemonensis*, *Natrix chrysarga*, and *N. natrix* in Europe; and from an "adder" in North Caucasus—Dinnik 1928.

*Macrodera cantonensis* (Wallace 1936) nobis.—*Saphedera c. W.* From *Natrix piscator* in China.

Family OMMATOBREPHIDAE Poche 1926

Genus OMMATOBREPHUS Nicoll 1914a

*Ommatobrephus lobatum* Mehra 1928a.—*O. folium* Thapar and Ali 1929a. From *Ptyas mucosus* and *Varanus bengalensis* in India.

*Ommatobrephus lobatum najii* Mehra 1931a.—From *Naja naja* in India.

*Ommatobrephus singularis* Nicoll 1914a.—From *Uromastix acanthinurus* in northern Africa.

Family PLAGIORCHIDAE Ward 1917

(*Plagiorchidae* Lühe 1901)

Subfamily ENCYCLOMETRINAE Nicoll 1932

(*Encyclometriinae* Mehra 1931b)

Genus ENCYCLOMETRA Baylis and Cannon 1924

*Encyclometra asymmetrica* Wallace 1936.—From *Enhydris chinensis*, *E. plumbea*, *Natrix piscator*, *N. stolata*, *Ptyas korros*, and *P. mucosus* in China.

*Encyclometra colubri-murorum* (Rudolphi 1819) Dollfus in Joyeux and Houdemer 1928.—*Dist. c. m. R.*; *D. allostomum* Diesing 1850; *D. caudatum* Polonio 1859, *E. caudata (P.)* D. in J. and H. 1928; *D. sp. no. 1* Timotheev 1900; *Odhneria bolognensis* Baer 1924; *E. b. (B.)* Baylis and Cannon 1924; *Paraplagiorchis timotheevi* Dollfus 1924a; *Orthorchis natrixis* Mödlinger 1924, *E. natrixis* B. and C. 1924; *D. subflavum* Sonsino 1892, *E. subflava (S.)* Dollfus 1924c. From *Coluber gemonensis*, *Natrix chrysarga*, *N. natrix*, *N. piscator*, and *Ptyas mucosus* in Europe and Asia.

*Encyclometra japonica* Yoshida and Ozaki 1929.—From *Elaphe quadrivirgata* (experimentally) and *Natrix tigrina* in Japan.

*Encyclometra microrchis* Yamaguti 1933.—From *Enhydris plumbea* in Japan.

Subfamily LEPTOPHYLLINAE Byrd, Parker, and Reiber 1940a

Genus LEPTOPHYLLUM Cohn 1902

*Leptophyllum ovalis* Byrd and Roudabush 1939.—From *Natrix taxispilota* in Florida.

*Leptophyllum stenocotyle* Cohn 1902.—From *Chironius fuscus* in South America.

*Leptophyllum tamiamiensis* McIntosh 1939a.—From *Aghistrodon piscivorus* in Florida.

## Genus PAUROPHYLLUM Byrd, Parker, and Reiber 1940a

*Paurophyllum megametris* Byrd, Parker, and Reiber 1940a.—From *Aghistrodon piscivorus* in Florida.

*Paurophyllum simplex* Byrd, Parker, and Reiber 1940a.—From *Lamprepeltis getulus* in Florida.

## Subfamily OPISTHOGONIMINAE Travassos 1929a

## Genus OPISTHOGONIMUS Lühe 1900

*Opisthognimus afranioi* Pereira 1929b.—From *Chironius carinatus*, *Philodryas schotti*, and *Trimeresurus newiedii* in Brazil.

*Opisthognimus interrogativus* (Nicoll 1914a) Pereira 1929b.—*Opisthogenes i.* N. From *Philodryas schotti* in South America.

*Opisthognimus megabothrium* Pereira 1928b.—From *Liophis merremii* in Brazil.

*Opisthognimus philodryadum* (West 1895) Lühe 1900.—*Dist. p. W.*; *O. lecithonotus* L. 1900; *Dist. xenodontis* Cordero and Vogelsang 1928, *Opisthogenes x.* (C. and V.) Price 1929. From "*Coluber errio*," *Philodryas schotti*, *Xenodon merremii*, and (Travassos 1941) "*Bothrops sp.*" in South America.

## Subfamily PLAGIORCHINAE Pratt 1902

## (Plagiorchinae Lühe 1901)

## Genus ASTIOTREMA Looss 1900

*Astiotrema amydae* Ogata 1938a.—From *Trionyx sinensis* in Korea.

*Astiotrema elongatum* Mehra 1931c.—From *Trionyx gangetica* in India.

*Astiotrema emydis* Ejsmont 1930.—From *Emys orbicularis* in Poland.

*Astiotrema fukuii* Ogata 1938a.—From *Trionyx sinensis* in Korea.

*Astiotrema indica* Thapar 1933a.—From *Chitra indica* in India.

*Astiotrema loossii* Mehra 1931c.—*A. gangeticus* Harshé 1932. From *Kachuga dhongoka* and *Lissemys punctata* in India.

*Astiotrema monticellii* Stossich 1904.—From *Natrix viperina* in Italy.

*Astiotrema odhneri* Bhalerao 1936b.—*A. "reniferum"* of Odhner 1910. From *Trionyx triunguis* in Africa.

*Astiotrema orientale* Yamaguti 1937a.—From *Trionyx japonica* in Japan.

*Astiotrema rami* Bhalerao 1936b.—From *Lissemys punctata* in India.

*Astiotrema renifera* (Looss 1898) Stossich 1904.—*Dist. reniferum* L. *Astia renifera* (L.) L. 1899. *D. reniforme* Lühe 1899; *D. unicum* Looss 1896 not *D. u.* Molin 1859. From *Trionyx triunguis* in Africa.

## Genus BILORCHIS Mehra 1937

*Bilorchis indicum* Mehra 1937.—From *Lissemys punctata* in India.

## Genus EUSTOMOS MacCallum 1921

*Eustomos chelydrae* MacCallum 1921.—From *Chelydra serpentina* and *Chrysemys picta* in the United States. Life history—Kroll 1934, 1937.

## Genus HAPLOMETROIDES Odhner 1910

*Haplometroides buccicola* Odhner 1910.—From *Elaps sp.* in Paraguay.

## Genus MICRODERMA Mehra 1931d

*Microderma elinguis* Mehra 1931d.—From *Kachuga smithii* in India.

*Microderma luehei* (Travassos 1927c) Olsen 1937.—*Plagiorchis l. T.*, *P. luehi* T. 1927d. From *Eunectes murinus* in Brazil.

## Genus OPISTHIOGLYPHE Looss 1899

*Opisthioglyphe adulescens* Nicoll 1914a.—From *Viera aspis* in Europe.

*Opisthioglyphe magnus* Szidat 1932.—From *Causus rhombeatus* and *Thelotornis kirtlandii* in western Africa.

## Genus PLAGIORCHIS Lühe 1899

*Plagiorchis mentulatus* (Rudolphi 1819) Stossich 1904.—*Dist. mentulatum* R., *Lepoderma mentulatum* (R.) Looss 1899; *D. lacertae* R. 1819; *D. colubri natrix*

*intestinalis* R. 1809; *D. c. tessellati* R. 1819. From frogs and from *Lacerta agilis*, *L. muralis*, *L. viridis*, *L. vivipara*, *Natrix natrix*, and *N. tessellata* in Europe.  
*Plagiorchis ramlianus* (Looss 1896) Stossich 1904.—*Dist. ramlianus* L., *Lepodermna ramlianus* (L.) L. 1899. From a frog and from *Chamaeleo basiliscus* and *C. chamaeleon* in Egypt. Life history—Azim 1935.  
*Plagiorchis serpenticola* Massino 1927 in Olsen 1937.—No information concerning this species or of the paper, M. 1927, is available to the writers.

Genus TREMIORCHIS Mehra and Negi 1926

*Tremiorchis varanum* Verma 1930.—From *Varanus bengalensis* and *V. griseus* in India.

Subfamily Undetermined

Genus LEUROSOMA Ozaki 1932

*Leurosoma orientale* Ozaki 1932.—From *Ocacia sinensis* in China.

Genus OISTOSOMUM Odhner 1902

*Oistosomum caduceus* Odhner 1902.—From a "Krokodil" in Sudan.

Genus PNEUMOTREMA Bhalerao 1937

*Pneumotrema travassosi* Bhalerao 1937.—From *Amphisbaena alba*.

Genus TRAVTREMA Pereira 1929a

*Travtrema travtrema* Pereira 1929a.—From *Liophis merremii* in Brazil.

Family RENIFERIDAE Baer 1924

Subfamily ENODIOTREMATINAE Baer 1924

Genus ENODIOTREMA Looss 1900

*Enodiotrema acariaeum* Looss 1902.—From *Caretta caretta* in Egypt.

*Enodiotrema instar* Looss 1901.—From *Caretta caretta* in Egypt.

*Enodiotrema megachondrus* (Looss 1899) Looss 1901.—*Enodia m. L.*, *Enodiotrema megachondrum* (L.) Braun 1901; *Monost. caouanae* Kollar in Braun 1901. From *Caretta caretta*, *Chelonia mydas*, and *Testudo (graeca?)* in Egypt.

*Enodiotrema reductum* Looss 1901.—From *Caretta caretta* in Egypt.

Genus PACHYPSOLUS Looss 1901

*Pachypsolus brachus* Barker 1922.—From *Eretmochelys imbricata* near the Bermuda Islands.

*Pachypsolus irroratus* (Rudolphi 1819) Looss 1901.—*Dist. irrorata* R.; *P. lunatus* L. 1901. From *Caretta caretta* and *Chelonia mydas* near Europe and Africa and from a "sea tortoise" near Australia.

*Pachypsolus ovalis* Linton 1910.—From *Caretta caretta* near Florida.

*Pachypsolus sclerops* (Travassos 1922) Travassos 1929.—*Gastris s. T.* From *Caiman crocodilus* in Brazil.

*Pachypsolus tertius* Pratt 1914.—From *Caretta caretta* near Florida.

Subfamily RENIFERINAE Pratt 1902

Genus DASYMETRA Nicoll 1911

*Dasymetra conferta* Nicoll 1911.—From *Natrix rhombifera* and *N. sipedon* in North America.

*Dasymetra longicirrus* (Odlaug 1938) Byrd and Denton 1938b.—*Zeugorchis l. O.* From *Natrix sipedon* in Louisiana.

*Dasymetra nicolli* Holl and Allison 1935a.—From *Natrix sipedon* in Pennsylvania.

*Dasymetra provitellaria* Bennett 1938.—From *Farancia abacura* in Louisiana.

*Dasymetra villicaeca* Byrd 1935.—From *Natrix cyclopion*, *N. rhombifera*, and *N. sipedon* in Louisiana.

Genus LECHRIORCHIS Stafford 1905

*Lechriorchis abduzens* Byrd and Denton 1938b.—From *Lampropeltis getulus* in Louisiana.

*Lechriorchis megasorchis* (Crow 1913) Talbot 1934.—*Renifer m. C.* From *Natrix rhombifera* in the United States.

*Lechriorchis plesientera* Sumwalt 1926.—From *Thamnophis ordinoides* and *T. sirtalis* in Washington (State).



*Lechriorchis primus* Stafford 1905.—From *Thamnophis sauritus* and *T. sirtalis* in North America. Experimentally developed in *Natrix sipedon*—Talbot 1933.

*Lechriorchis propria* (Nicoll 1914a) Talbot 1934.—*Mediorima propria* N. From *Thamnophis ordinoides* in North America.

*Lechriorchis tygarti* Talbot 1933.—From *Thamnophis sauritus* and *T. sirtalis* in West Virginia.

Genus NEORENIFER Byrd and Denton 1938b

*Neoreniifer acetabularis* (Crow 1913) Byrd and Deaton 1938b.—*Renifer a. C.* From *Natrix rhombifera* in the United States.

*Neoreniifer aniarum* (Leidy 1891) Byrd and Denton 1938b.—*Dist. a. L.*, *Renifer a. (L.)* Harwood 1932, *D. a. (L.)* H. 1932; *R. natricis* MacCallum 1921; *R. texanus* H. 1932. From *Heterodon contortrix*, *Natrix cyclopion*, *N. erythrogaster*, *N. rhombifera*, and *N. sipedon* in the United States.

*Neoreniifer drymarchon* Byrd and Denton 1938b. From *Drymarchon corais* in Texas.

*Neoreniifer elongatus* (Pratt 1903) Byrd and Denton 1938b.—*Renifer e. P.* From *Heterodon contortrix* in North America.

*Neoreniifer formosum* (Nicoll 1911) Byrd and Denton 1938b.—*Ochetosoma f. N.*, *Renifer f. (N.)* Talbot 1934. From *Leptodira annulata*.

*Neoreniifer georgianus* Byrd and Denton 1938b.—From *Coluber constrictor* in Georgia.

*Neoreniifer glandularis* Byrd and Denton 1938b. From *Sistrurus miliarius* in Florida.

*Neoreniifer heterodontis* Byrd and Denton 1938b. From *Heterodon contortrix* in Mississippi.

*Neoreniifer kansensis* (Crow 1913) Byrd and Denton 1938b.—*Renifer k. C.* From *Aghistrodon mokasen*, *A. piscivorus*, and *Sistrurus miliarius* in the United States.

*Neoreniifer orula* (Talbot 1934) Byrd and Denton 1938b.—*Renifer o. T.* From *Natrix sipedon* in Michigan.

*Neoreniifer saumates* (Poirier 1885) Byrd and Denton 1938b.—*Dist. s. P.*, *Plagiorchis s. (P.)* Stossich 1904, *Renifer s. (P.)* Talbot 1934. From *Elaphe quatuorlineata*.

*Neoreniifer septicus* (MacCallum 1921) Byrd and Denton 1938b.—*Renifer s. M.*; *R. ophiboli* M. 1921. From *Lampropeltis getulus* in North America.

*Neoreniifer serpentis* Schmidt and Hubbard 1940. From *Aghistrodon piscivorus* in Arkansas and (Crozier and Self 1941) *Heterodon contortrix* in Oklahoma.

*Neoreniifer validus* (Nicoll 1911) Byrd and Denton 1938b.—*Lechriorchis v. N.*; *Renifer v. (N.)* Talbot 1934; *L. inermis* Lebour 1913, *R. i. (L.)* T. 1934. From *Coluber gemonensis* and *Heterodon contortrix*.

*Neoreniifer wardi* (Byrd 1936a) Byrd and Denton 1938b.—*Renifer w. B.* From *Natrix rhombifera* in Mississippi.

*Neoreniifer zschokkei* (Volz 1899) Byrd and Denton 1938b.—*Dist. z. V.*, *Renifer z. (V.)* Pratt 1903. From *Heterodon contortrix*.

Genus NATRIODERA Mehra 1937

*Natriodera verlatum* (Talbot 1934) Mehra 1937.—*Macrodera v. T.* From *Natrix sipedon* in Michigan.

Genus PARALECHRIORCHIS Byrd and Denton 1938b

*Paralechriorchis bosci* (Cobbold 1859) Byrd and Denton 1938b.—*Dist. b. C.*, *D. boscii* C. 1879, *Zeugorchis boscii* (C.) Odhner 1910, *Z. bosci* (C.) Price 1935; *Fasciola colubri* Bosc 1802, *D. c. (B.)* Rudolphi 1809; *D. c. americani* R. 1819. From "couleuvre d'Amérique."

*Paralechriorchis syntomentera* (Sumwalt 1926) Byrd and Denton 1938b.—*Zeugorchis s. S.*, *Manodistonum s. (S.)* Harwood 1932, *Pseudoreniifer s. (S.)* Allison and Holl 1937; *Z. syntometra* Price 1935 and *Pseudoreniifer s. (P.)* P. 1935. From *Thamnophis ordinoides* and *T. sirtalis* in the United States.

*Paralechriorchis natricis* (Holl and Allison 1935b) Byrd and Denton 1938b.—*Zeugorchis n. H. and A.*, *Pseudoreniifer n. (H. and A.)* Price 1936d; *Lechriorchis secundus* Canavan 1937. From *Natrix sipedon* in Pennsylvania.

## Genus PNEUMATOPHILUS Odhner 1910

- Pneumatophilus foliaformis* Talbot 1934. From *Natrix sipedon* in Michigan.  
*Pneumatophilus leidyi* Byrd and Denton 1937. From *Natrix sipedon* in Georgia.  
*Pneumatophilus variabilis* (Leidy 1856) Odhner 1910.—Dist. *variabile* L., *Renifer variabilis* (L.) Pratt 1903, *Styphlodora variabilis* (L.) de Faria 1911. From garter snakes and *Natrix sipedon* in North America.

## Genus RENIFER Pratt 1902

- Renifer ancistrodonis* MacCallum 1921.—*Zeugorchis a.* (M.) Talbot 1934.  
*Pseudorenifer a.* (M.) Price 1935. From *Aghistrodon mokasen* in North America.  
*Renifer braachyocephagidius* (Allison and Holl 1937) Byrd and Denton 1938b.  
—*Pseudorenifer b.* A. and H. From *Thamnophis sirtalis* in New York.  
*Renifer ellipticus* Pratt 1903.—From *Heterodon contortrix* in North America.  
*Renifer grandispinus* Caballero 1938.—From *Drymarchon corais* in Mexico.  
*Renifer laterotrema* Byrd and Denton 1938b.—From *Aghistrodon piscivorus* in Louisiana.  
*Renifer magnus* Byrd and Denton 1938b.—From *Drymarchon corais* in Texas.  
*Renifer megametricus* (Talbot 1934) Byrd and Denton 1938b.—*Zeugorchis m.* T., *Pseudorenifer m.* (T.) Price 1935. From *Thamnophis sirtalis* in Michigan.  
*Renifer n.* sp. Job 1917. From *Coluber constrictor* in Iowa.

## Genus ZEUGORCHIS Stafford 1905

- Zeugorchis aequatus* Stafford 1905.—*Manodistomum aequatum* (S.) Harwood 1932. From *Thamnophis sirtalis* in North America.  
*Zeugorchis eurinus* (Talbot 1933) Price 1936d.—*Caudorchis e.* T. From *Thamnophis sauritus* and *T. sirtalis* in Michigan.

## Genus Undetermined

- Cercaria ramonae* McCoy 1928.—Metacercariae developed experimentally (M. 1928) in tadpoles and catfish: similar metacercariae found in same species in nature. Immature maritae experimentally produced in *Chelydra serpentina* and *Natrix sipedon*; similar worms found in *N. s.* in nature. In Missouri.

## Subfamily STYPHLODORINAE Dollfus 1937

## Genus ALLOPHARYNX Strom 1928

- Allopharynx amudariensis* (Strom 1928) Price 1938.—*Xenopharynx a.* S., *Ophiorchis a.* (S.) Mehra 1937. From *Natrix tessellata* in Turkestan.  
*Allopharynx mehrai* (Gogate 1935) Price 1938.—*Ostiolum m.* G., *Ptyasorchis m.* (G.) Mehra 1937. From *Ptyas horros* and *P. mucosus* in Burma.  
*Allopharynx multispinosus* (Bennett 1935) Price 1938.—*Megacustis m.* B. 1935, *M. m.* B. 1933 a nomen nudum. From *Anolis carolinensis* in Louisiana.  
*Allopharynx tropidonoti* (MacCallum 1918) Price 1938.—Dist. *t.* M. From *Natrix trianguligera* in Java.

## Genus APTORCHIS Nicoll 1914b

- Aptorchis aequalis* Nicoll 1914b.—From *Emydura australis* and *E. latisternum* in Australia. See N. 1918b.

## Genus GLASSIDIELLA Travassos 1927a

## (Glossidiella Travassos 1927d)

- Glossidiella ornata* Travassos 1927a.—*G. ornata* T. 1927b, *Glossidiella ornata* (T.) T. 1927d. From *Euneetes murinus* in Brazil.

## Genus GLOSSIDIUM Looss 1899

- Glossidium loossi* (Travassos 1927a) Travassos 1927d.—*Glossidium l.* T. 1927a. From *Euneetes murinus* in South America.

## Genus PTYASORCHIS Mehra 1937

- Ptyasorchis mehrai* (Gogate 1935) Mehra 1937.—*Ostiolum m.* G., *Allopharynx m.*

(G.) Price 1938. From *Ptyas korros* and *P. mucosus* in Burma. Recent study—Chatterji 1940.

Genus GLOSSIMETRA Mehra 1937

*Glossimetra orientalis* Mehra 1937.—From *Kachuga dhongoka* in India.

Genus SPINOMETRA Mehra 1928b.

*Spinometra gangeticus* Mehra 1937.—From *Kachuga dhongoka* in India.

*Spinometra kachugae* Mehra 1931a.—From *Kachuga dhongoka* in India.

Genus STYPHLODORA Looss 1899

*Styphlodora aghistrodonis* Byrd, Parker, and Reiber 1940b.—From *Aghistrodon piscivorus* in Florida.

*Styphlodora aspina* Byrd, Parker, and Reiber 1940b.—From *Aghistrodon piscivorus* in Florida.

*Styphlodora bascaniensis* Goldberger 1911b.—*Platymetra b.* (G.) Byrd, Parker, and Reiber 1940b. From *Coluber constrictor* in the United States.

*Styphlodora compactum* Byrd, Parker, and Reiber 1940b.—From *Coluber constrictor* in Florida.

*Styphlodora condita* de Faria 1911.—From *Spilotes pullatus* in Brazil.

*Styphlodora dentipharyngeata* Chatterji 1940.—From *Ptyas korros* in Burma.

*Styphlodora floridanis* Byrd, Parker, and Reiber 1940b.—From *Aghistrodon piscivorus* in Florida.

*Styphlodora horrida* (Leidy 1850) Odhner 1910.—*Dist. horridum* L., *Plagiorchis horridus* (L.) Stossich 1904.—From *Constrictor constrictor* and *Python molurus* in America and India.

*Styphlodora lachesidis* MacCallum 1921.—From *Trimeresurus atrox* in Trinidad and *Ptyas mucosus* in Indo-China.

*Styphlodora magna* Byrd and Denton 1938a.—From *Natrix sipedon* in the United States.

*Styphlodora najae* Nicoll 1912b.—From *Naja naja* in India.

*Styphlodora natrix* Byrd and Denton 1938a.—From *Natrix sipedon* in the United States.

*Styphlodora nicolli* Bhalerao 1936b.—From *Ptyas mucosus* in India.

*Styphlodora persimilis* Nicoll 1914a.—From *Natrix piscator* in India.

*Styphlodora renalis* Tubangui 1933.—From *Python reticulatus* in the Philippine Islands.

*Styphlodora serrata* Looss 1899.—From *Varanus niloticus* in Egypt.

*Styphlodora similis* (Sonsino 1890) Odhner 1910.—*Dist. simile* S. From *Python molurus* in Africa.

Subfamily STYPHLOTREMATINAE Baer 1924

Genus STYPHLOTREMA Odhner 1910

*Styphlotrema solitaria* (Looss 1899) Odhner 1910.—*Styphlodora solitaria* L., *Renifer solitarius* (L.) Pratt 1903. From *Caretta caretta* near Egypt and Florida.

Subfamily TELORCHINAE Looss 1899

(*Telorchinae* Stunkard 1924)

Genus AURIDISTOMUM Stafford 1905

*Auridistomum chelydrae* (Stafford 1900) Stafford 1905.—Synonyms from Wharton 1940: *Dist. c. S.*, *Rhytidodes c. (S.)* MacCallum 1921; *Pterygomaschalos attenuatus* Stunkard 1924; *Cercaria concavocorpa* Sizemore 1936a, *Tetrapapillatrema c. (S.)* Ralph 1938. From *Chelydra serpentina* in North America.

Genus CERCOLECITHOS Perkins 1928

*Cercolecithos molini nobis*.—*Dist. "arrectum"* of Molin 1859, *Telorchis arrectus*—Stossich 1904, *C. arrectus*—Perkins 1928. From *Lacerta muralis* in Italy.

## Genus PROTENES Barker and Covey 1911

*Protenes angustus* (Stafford 1900) Ward 1918.—Synonyms from Wharton 1940: *Dist. angustum* S., *Telorchis angustus* (S.) S. 1905; *T. leptus* Barker and Covey 1911, *P. l.* (B. and C.) Stunkard 1915; *P. chapmani* Harwood 1932; *P. vitellosus* Bennett 1935, *P. villosus* [sic] B. 1933—nomen nudum. From *Chrysemys picta* and *Pseudemys scripta* in North America.

## Genus TELORCHIS Lühe 1899

(Not *Telorchis* Looss 1899)

*Telorchis aculeatus* (von Linstow 1879) Braun 1901.—*Monost. aculeatum* L.; *Dist. linstowii* Stossich 1890, *T. l.* (S.) Looss 1899, *D. linstowi* Monticelli 1893, *Cercorchis l.* (M.) Perkins 1928. From *Testudo graeca* in Europe.

*Telorchis attenuatus* Goldberger 1911a.—*Cercorchis a.* (G.) Perkins 1928. From *Chrysemys picta* in North America.

*Telorchis auridistomi* (Byrd 1937b) Wharton 1940.—*Cercorchis a.* B. From *Faranicia abacura* in Louisiana.

*Telorchis bifurcus* (Braun 1899) Braun 1901.—*Dist. bifurcum* B., *Cercorchis bifurcus* (B.) Perkins 1928. From *Podocnemis expansa* in Brazil.

*Telorchis clavus* (Diesing 1850) Perkins 1928.—*Dist. clava* D., *T. clava* (D.) Lühe 1899; *Plagiorchis anacondae* MacCallum 1921, *T. a.* (M.) P. 1928. From *Cloelia cloelia*, *Coluber constrictor*, *Eunectes murinus*, and *Oxyropus fasciatus* in South America.

*Telorchis clemmydis* Yamaguti 1933.—*Cercorchis c.* (Y.) Wharton 1940; *Paracercorchis megacotyle* Fukui and Ogata 1933. From *Chinemys reevesi* and *Clemmys japonica* in Japan.

*Telorchis corti* Stunkard 1915.—Synonyms from Wharton 1940: *Cercorchis c.* (S.) Perkins 1928; *T. "linstowi"* of Goldberger 1911a; *T. lobosus* S. 1915, *C. l.* (S.) P. 1928; *T. insculpti* MacCallum 1918, *C. i.* (M.) P. 1928; *T. guttati* M. 1918, *C. g.* (M.) P. 1928; *T. chelopi* M. 1918, *C. c.* (M.) P. 1928; *T. pallidus* M. 1918, *C. p.* (M.) P. 1928; *T. "angustus"* of M. 1921; *T. stenorura* Ingles 1930, *C. s.* (I.) Byrd 1936b; *C. texanus* Harwood 1932; *C. "medius"* of McMullen 1934. From *Chelydra serpentina*, *C. picta*, *Clemmys guttata*, *C. insculpta*, *C. marmorata*, *Deirochelys reticularia*, *Graptemys geographica*, *Malaclemys pileata*, and *Pseudemys scripta* in North America.

*Telorchis cyclemidis* (Tubangui 1933) Wharton 1940.—*Cercorchis c.* T. From *Cuora amboinensis* in the Philippine Islands.

*Telorchis dhongokii* (Mehra and Bokhari 1932) Wharton 1940.—*Cercorchis d.* M. and B. From *Kachuga dhongoka* in India.

*Telorchis diminutus* Stunkard 1915.—*Cercorchis d.* (S.) Wharton 1940; *C. kinosterni* Byrd 1936b. From *Kinosternon steindachneri* and *K. subrubrum* in North America.

*Telorchis dissimilis* (Caballero 1938) nobis.—*Cercorchis d.* C. From *Pseudemys scripta* in Mexico.

*Telorchis ercolanii* (Monticelli 1893) Braun 1901.—*Dist. e.* M., *Cercorchis e.* (M.) Perkins 1928; *D. "mentulatum"* and *D. "signatum"* of Ercolani 1881; *T. s.*—Lühe 1899; *D. nematoïdes* Mühling 1898, *T. n.* (M.) B. 1901, *C. n.* (M.) L. 1909. From *Natrix natrix*, *N. tessellata*, and *N. viperina* in Europe, Asia Minor, and northern Africa.

*Telorchis gabesensis* Ruzkowski 1926.—*T. ruszkowski* Yamaguti 1933. From *Clemmys leprosa* in Africa.

*Telorchis geoclemmydis* Yamaguti 1933.—*Cercorchis g.* (Y.) Wharton 1940. From *Chinemys reevesi* in Japan.

*Telorchis hagmanni* Lent and de Freitas 1937. From *Podocnemis expansa* in Brazil.

*Telorchis honoi* Ogata 1934a.—*Cercorchis h.* (O.) Wharton 1940. From *Chinemys reevesi* in Japan.

*Telorchis medius* Stunkard 1915.—*Cercorchis m.* (S.) Perkins 1928; *C. bairdi* Harwood 1932. From *Kinosternon steindachneri*, *K. subrubrum*, *Pseudemys scripta*, *Sternotherus carinatus*, *S. odoratus*, and *Terrapene carolina* in North America.

*Telorchis parvus* Braun 1901.—*Cercorchis p.* (B.) Lühe 1909, *Paratelorchis parva* [sic] Mehra and Bokhari 1932. Without any mention of *Paratelorchis* M. and B. this species was listed as *T. p.* by Wharton 1940. From *Emys orbicularis* in Europe, Asia Minor, and northern Africa.

*Telorchis pellucidus* (Mehra and Bokhari 1932) Wharton 1940.—*Paracercorchis p.* M. and B. From Kachuga dhongoka in India.

*Telorchis pleroticus* (Braun 1899) Braun 1901.—*Dist. pleroticum* B., *Cercorchis pleroticus* (B.) Perkins 1928. From a "testuggini d'acqua dolce" in Brazil.

*Telorchis poirieri* (Stossich 1895) Odhner 1902.—*Dist. p. S.*, *Cercorchis p.* (S.) Lühe 1909; *D. "gelatinosum"* of Poirier 1885. From *Emys orbicularis* in Europe, Asia Minor, and northern Africa.

*Telorchis pseudoaculeatus* Dollfus 1929c.—*T. "aculeatus"* of Stunkard 1915. From *Natrix grahamii* in North America.

*Telorchis robustus* Goldberger 1911a.—*Cercorchis r.* (G.) Perkins 1928. From *Pseudemys scripta*, *Sternotherus odoratus*, and *Terrapene carolina* in North America.

*Telorchis singularis* (Bennett 1935) Wharton 1940.—*Cercorchis s.* B. 1935, *C. s.* B. 1933—nomen nudum; *T. "robustus"* of Stunkard 1915. From *Chelydra serpentina* and *Pseudemys scripta* in North America.

*Telorchis solivagus* Odhner 1902.—*Cercorchis s.* (O.) Perkins 1928; *C. shelkownikowi* Skrjabin and Popoff 1924. From *Clemmys caspica* and *Emys orbicularis* in Europe and Asia Minor.

*Telorchis solivague macrocanus* Dollfus 1929c.—From *Clemmys leprosa* in Morocco.

*Telorchis stossichi* Goldberger 1911a.—*Cercorchis s.* (G.) Perkins 1928; *T. "poirieri"* of Stossich 1904. From *Emys orbicularis* in Europe.

*Telorchis* sp. (Heymann 1905) nobis.—*Dist. sp. H.*, *Cercorchis* sp. (H.) Perkins 1928. From *Dermatemys mawii*.

#### Subfamily Undetermined

##### Genus DOLICHOPERA Nicoll 1914b

*Dolichopera macalpini* Nicoll 1914b.—From *Denisonia superba* and *Notechis scutatus* in Australia. See N. 1918a.

*Dolichopera parvula* Nicoll 1914b.—From *Morelia argus* in Australia.

##### Genus HETEROCOELIUM Travassos 1921a

*Heterocoelium heterocoelium* Travassos 1921a. From *Trimeresurus newwedii* in Brazil.

##### Genus OCHETOSOMA Braun 1901

*Ochetosoma monstrosus* Braun 1901. From *Erythrolamprus venustissimus* in the West Indies.

##### Genus STOMATREMA Guberlet 1928

*Stomatrema guberleti* Byrd 1937b. From *Farancia abacura* in Louisiana.

*Stomatrema pusilla* Guberlet 1928. From *Farancia abacura* in Florida and Texas.

##### Genus XENOPHARYNX Nicoll 1912b

*Xenopharynx piscator* Bhalerao 1926. From *Natrix piscator* in India.

*Xenopharynx solus* Nicoll 1912b. From *Naja hannah* and *N. naja* in India.

#### Family RHYTIDODIDAE Odhner 1926

##### Genus RHYTIDODES Looss 1901

*Rhytidodes gelatinosus* (Rudolphi 1819) Looss 1901.—*Dist. gelatinosum* R. From

*Caretta caretta* and *Chelonia mydas* near Egypt and from a "sea tortoise" near Australia.

*Rhytidodoides secundus* Pratt 1914.—From *Caretta caretta* in the Gulf of Mexico.

Genus RHYTIDODOIDES Price 1939a

*Rhytidodoides intestinalis* Price 1939a.—From *Chelonia mydas* near the United States.

*Rhytidodoides similis* Price 1939a.—From *Chelonia mydas* near the United States.

Unclassified Fasciolata

Genus PATAGIUM Heymann 1905

*Patagium brachydelphium* Heymann 1905.—From *Dermatemys mawii*.

*Patagium lazarevi* Skrjabin and Popoff 1924.—From *Emys orbicularis* in Armenia.

Species of Undetermined Generic Status

*Agamodistomum anguis* (von Linstow 1885) Stossich 1895.—*Dist. a. L.* From *Anguis fragilis*.

*Agamodistomum viperae* (von Linstow 1887) Stossich 1895.—*Dist. v. L.* From *Vipera berus*.

*Cercaria nigrocystica* Bradley 1926.—From "blacksnakes" in Australia.

*Dist. acervocalciferum* Gastaldi 1854.—From frogs and *Natrix natrix* in Europe.

*Dist. apolaimum* Heymann 1905.—From *Kachuga tectum*.

*Dist. armatissimum* von Linstow 1903.—From *Iguana* sp.

*Dist. cloacicola* Lühe 1909.—From *Natrix natrix* in Europe.

*Dist. gracillimum* Lühe 1909.—From *Natrix natrix* in Europe.

*Dist. incerta* Cobbold 1885.—From *Coluber* in Rio Plata.

*Dist. megaloon* von Linstow 1879.—From *Lacerta agilis* in Europe.

*Dist. nardoi* Polonio 1895.—From *Lacerta muralis* in Italy.

*Dist. pachyderma* Braun 1899.—*D. cheloniae atrae* B. 1899. From *Caretta caretta*.

*Dist. pyxidatum* Bremser in Rudolphi 1819.—From *Caiman crocodilus* in Brazil.

*Dist. simplex* Polonio 1859.—From *Lacerta muralis* in Italy.

*Dist. sp.* Sonsino 1890.—From *Python molurus*.

*Dist. testudinis* Rudolphi 1819.—*Monost. delicatulum* Diesing 1850. From *Caretta caretta* and *Emys orbicularis*.

*Dist. testudinis mydae* Rudolphi 1809.—*D. intestinalis t. m.* Viborg in R. 1809.

*Monost. pseudamphistomum* Creplin 1846.—From *Chelonia mydas*.

*Monost. macrorchis* Brandes 1892.—From marine turtles.

*Monost. sp.* Braun 1901.—From *Chelonia mydas*.

Order SANGUINICOLATA Nicoll 1939a

Superfamily SANGUINICOLOIDEA Nicoll 1935

Family SPIRORCHIDAE MacCallum 1921

(*Spirorchidae* Stunkard 1921)

Subfamily SPIRORCHINAE MacCallum 1921

(*Spirorchinae* Stunkard 1921)

Genus AMPHIORCHIS Price 1934

*Amphiorchis amphiorchis* Price 1934.—From *Chelonia mydas* in North America.

*Amphiorchis lateralis* Oguro 1938.—From *Eretmochelys imbricata* in Japan.

Genus HAPALORHYNCHUS Stunkard 1922

*Hapalorhynchus evaginatus* Byrd 1939.—From *Trionyx spinifera* in Tennessee.

*Hapalorhynchus gracilis* Stunkard 1922.—From *Chelydra serpentina* in North America.

*Hapalorhynchus indicus* (Thapar 1933b) Price 1934.—*Tremarhynchus i. T.*, *Coeuritrema i. (T.) Mehra* 1934, *Rhynchotrema indica (T.) T.* 1933b. From *Trionyx gangetica* in India.

*Hapalorhynchus lyssimus* (Mehra 1933) nobis.—*Coeuritrema l. M.*; *H. lyssimus* Byrd 1939. From *Lysemys punctata* in India.

*Hapalorhynchus odhnerensis* (Mehra 1933) Byrd 1939.—*Cocuritrema o.* M. From *Lysemys punctata* in India.

*Hapalorhynchus reelfooti* Byrd 1939.—From *Sternotherus odoratus* in Tennessee.

*Hapalorhynchus* sp. Ozaki 1932.—From *Ocadia sinensis* in China.

*Hapalorhynchus stunkardi* Byrd 1939.—From *Sternotherus carinatus* in Tennessee.

*Hapalorhynchus yoshidai* Ozaki 1939.—From *Ocadia sinensis*.

#### Genus HAPALOTREMA Looss 1899

*Hapalotrema loossi* Price 1934.—Dist. "constrictum Leared" and *H.* "c. . . ." of Looss 1899. From *Caretta caretta* in Egypt.

*Hapalotrema mistroides* (Monticelli 1896) Stiles and Hassall 1908.—[Dist. and *Mesogonimus*]—M., *D. m.* (M.) Braun 1899, *M. m.* (M.) Byrd 1939; *D.* "constrictum Leared" and *M.* "constrictus" of M. 1896. From *Caretta caretta*.

*Hapalotrema polesianum* (Ejamont 1927) Byrd 1939.—*Spirhapalum p.* E. From *Emys orbicularis* in Poland.

*Hapalotrema synorchis* Luhman 1935.—From *Caretta caretta* in Florida.

#### Genus LEAREDIUS Price 1934

*Learedius europaeus* Price 1934.—Dist. *constrictum* Leared 1862 not *D. c.* Mehlis 1846. From "common turtle" and "edible turtle" in Europe and (Gohar 1934) from *Caretta caretta* and *Chelonia mydas* in Egypt.

*Learedius learedi* Price 1934.—From *Chelonia mydas* in the United States.

*Learedius similis* Price 1934.—From *Chelonia mydas* in the United States.

#### Genus NEOSPIRORCHIS Price 1934

*Neospororchis schistosomatoides* Price 1934.—From *Chelonia mydas* in the United States.

#### Genus SPIRORCHIS MacCallum 1918

*Spororchis artericola* (Ward 1921) Stunkard 1923.—*Proparorchis a.* W. From *Chrysemys picta*, *Graptemys geographica*, *G. pseudogeographica*, *Pseudemys floridana*, and *P. scripta* in the United States.

*Spororchis blandingi* MacCallum 1926.—*Diarmostorchis b.* (M.) Esjmont 1927. From *Emys blandingii* in North America.

*Spororchis blandingioides* Byrd 1939.—From *Pseudemys floridana* and *P. scripta* in Tennessee.

*Spororchis elegans* Stunkard 1923.—*S. picta* S. 1923. From *Chrysemys picta* and *Pseudemys scripta* in North America.

*Spororchis elephantis* (Cort 1917) Wall 1941a.—*Cercaria e.* C. Cercariae from snails; adults from *Chrysemys picta* in Michigan.

*Spororchis haematobium* (Stunkard 1922) Price 1934.—*Henotosoma h.* S.; *S. chelydrae* MacCallum 1926; *H. c.* (M.) Harwood 1932. From *Chelydra serpentina* in the United States.

*Spororchis hardellii* (Mehra 1934) Byrd 1939.—*Plasmiorchis h.* M.; *P. obscurum* M. 1934. From *Hardella thurgi* and *Kachuga dhongoka* in India.

*Spororchis innominata* Ward 1921.—*S. emydis* MacCallum 1921; *S. eustreptos* M. 1921; *S. pictae* M. 1926. From *Chrysemys picta*, *Clemmys insculpta*, *Emys blandingii*, and *Pseudemys floridana* in North America.

*Spororchis magnitestis* Byrd 1939.—From *Chelydra serpentina* in Tennessee.

*Spororchis minutum* Byrd 1939.—From *Chelydra serpentina* in Tennessee.

*Spororchis orientalis* (Mehra 1934) Byrd 1939.—*Plasmiorchis o.* M.; *P. pellucidus* Mehra 1934, *S. p.* (M.) B. 1939. From *Kachuga dhongoka* in India.

*Spororchis parvum* (Stunkard 1923) Price 1934.—*Haematotrema p.* S. From *Chelonia mydas* in the United States. Life history—Wall 1939, 1940, and 1941b.

*Spororchis pseudemys* Byrd 1939.—From *Pseudemys scripta* in Tennessee.

*Spororchis sanguina* (Sinha 1934b) Byrd 1939.—*Comtiotrema s.* S. From *Hardella thurgi* in India.

*Spirorchis scripta* Stunkard 1923.—From *Graptemys pseudogeographica*, *Pseudemys floridana*, and *P. scripta* in North America.

Genus UNICAECEUM Stunkard 1925b.

*Unicaecum dissimilis* Byrd 1939.—From *Pseudemys scripta* in Tennessee.

*Unicaecum ruszkowskii* Stunkard 1925b.—From *Pseudemys scripta* in North America.

Genus VASOTREMA Stunkard 1928

(*Vasatrema* Stunkard 1926)

*Vasotrema amydae* (Stunkard 1926) Stunkard 1928.—*Vasatrema a.* S. From *Trionyx ferox* and *T. spinifera* in North America.

*Vasotrema attenuatum* Stunkard 1928.—From *Trionyx ferox* and *T. spinifera* in North America.

*Vasotrema longitestis* Byrd 1939.—From *Trionyx spinifera* in Tennessee.

*Vasotrema robustum* Stunkard 1928.—From *Trionyx ferox* and *T. spinifera* in North America.

Order STRIGEATA La Rue 1926b

Superfamily CYATHOCOTYLOIDEA Nicoll 1937

Family CYATHOCOTYLIDAE Poche 1926

Subfamily CYATHOCOTYLINAE Mühlhling 1896

Genus CYATHOCOTYLE Mühlhling 1896

*Cyathocotyle fraterna* Odhner 1902.—From *Crocodylus niloticus* in Egypt.

Subfamily PROHEMISTOMATINAE nobis

(*Prohemistominae* Lutz 1935)

Genus MESOSTEPHANUS Lutz 1935

*Mesostephanus burmanicus* Chatterji 1940.—From *Enhydryis enhydryis* in Burma.

Subfamily SZIDATINAE Dubois 1938b

Genus GOGATEA Lutz 1935a

*Gogatea serpentum* (Gogate 1932) nobis.—*Prohemistomum s. G.*, *P. serpentum* Lutz 1935a, *G. serpentum* (L.) Szidat 1936. From *Natrix piscator* in India.

Genus SZIDATIA Dubois 1938b

*Szidatia joyeuxi* (Hughes 1929b) Dubois 1938b.—*Diplostomum sp. Joyeux* 1923b. *Diplostomulum j. H.*, *Diplostomum j. (H.)* Solomon 1935?, *Prohemistomum j. (H.)* J. and Baer 1934; probably *Cercaria vivax* Sonsino 1892 in part. Adults from *Natrix natrix* and *N. viperina* in Tunisia; metacercariae in fish and frogs—J. and B. 1934.

Superfamily DIPLOSTOMATOIDEA Nicoll 1937

Family DIPLOSTOMATIDAE nobis

(*Diplostomidae* Poirier 1886)

Subfamily ALARIINAE Hall and Wigdor 1918c

Genus ALARIA Schrank 1788

*Alaria intermedia* (Olivier and Odlaug 1938) Odlaug 1940.—*Mesocercaria i. O* and *O.*, *Cercaria A. i.* (O. and O.) Odlaug 1940. Parthenitae from snails, mesocercariae from frogs and *Thamnophis sirtalis*, metacercariae from rodents, adults from carnivores; in Michigan.

Genus PHARYNGOSTOMUM Ciurea 1922

*Pharyngostomum congolense* Berghe 1939.—From a toad, a mammal, and *Kinixys belliana* in Belgian Congo.

*Pharyngostomum cordatum* (Diesing 1850) Ciurea 1922.—*Hemistomum c. D.*, *Hemistoma c. (D.)* Cobbold 1860, *Alaria cordata* (D.) Railliet 1919, *Hemistomum cordatum* Schneidemühl 1898; *Holostomum linguaeformis* Dubois 1938b; *Diplostomulum mutadomum* Wallace 1937; perhaps (Wallace 1939) *Diplostomum putorii* von Linstow 1877, *Tetracotyle p. (L.)* Mataré 1910, and *Diplostomulum p. (L.)* Hughes 1929b. Adults from cats in Europe and Asia. Parthenitae in snails; metacercariae in



various amphibians and *Elaphe radiata*, *Enhydris chinensis*, *Eumeces chinensis*, *Natrix piscator*, and *N. stolata*. Life history—Wallace 1939.

Family PROTERODIPLOSTOMATIDAE nobis  
(*Proterodiplostomidae* Dubois 1936)

Subfamily OPHIODIPLOSTOMATINAE nobis  
(*Ophiodiplostominae* Dubois 1936)

Genus HETERODIPLOSTOMUM Dubois 1936

*Heterodiplostomum lanceolatum* Dubois 1936.—From *Coluber* sp. in Brazil.

Genus OPHIODIPLOSTOMUM Dubois 1936

*Ophiodiplostomum spectabile* Dubois 1936.—From *Drymobius bifossatus* and *Coluber* spp. in Brazil.

Genus PETALODIPLOSTOMUM Dubois 1936

*Petalodiplostomum ancyloides* Dubois 1936.—From *Coluber* sp. in Brazil.

Genus PROALARIOIDES Yamaguti 1933

*Proalarioides serpentis* Yamaguti 1933.—From *Elaphe climacophora* and *E. quadri-virgata* in Japan.

Subfamily POLYCOTYLINAE Monticelli 1888

Genus CROCODILICOLA Poche 1926

*Crocodilicola gavialis* (Narain 1930) Vidyarthi 1937.—*Neodiplostomum* g. N. From *Cavialis gangeticus* in India.

*Crocodilicola pseudostoma* (Willemoes-Suhm 1870) Poche 1926.—*Dist. p. W.-S.*, *Diplostomum pseudostomum* (W.-S.) Poirier 1886; *Neodiplostomum poirieri* Dubois 1932. From *Alligator mississippiensis* and "*Crocodilus* sp." in North and South America.

Genus CYSTODIPLOSTOMUM Dubois 1936

*Cystodiplostomum hollyi* Dubois 1936.—From *Caiman crocodilus* and *C. latirostris* in Brazil.

Genus HERPETODIPLOSTOMUM Dubois 1936

*Herpetodiplostomum caimancola* (Dollfus 1935) Dubois 1936.—*Crocodilicola* c. Dollfus. From *Caiman crocodilus*, *C. latirostris*, and *Melanosuchus niger* in Brazil.

*Herpetodiplostomum testudinis* Dubois 1936.—From *Testudo* sp. in Brazil.

Genus PARADIPLOSTOMUM La Rue 1926a

*Paradiplostomum abbreviatum* (Brandes 1888) La Rue 1926b.—*Diplostomum a.* B., *Paradiplostoma a.* (B.) Dollfus 1935, *Crocodilicola abbreviatus* (B.) Poche 1926. From *Caiman crocodilus* and "*Crocodilus*" sp. in Brazil.

Genus POLYCOTYLE Willemoes-Suhm 1870

*Polycotyle ornata* Willemoes-Suhm 1870.—From *Alligator mississippiensis* in South Carolina.

Genus PROLECITHODIPLOSTOMUM Dubois 1936

*Prolecithodiplostomum cayum* Dubois 1936.—From *Caiman crocodilus* in Brazil.

*Prolecithodiplostomum constrictum* Dubois 1936.—From *Caiman crocodilus* in Brazil.

Subfamily PROTERODIPLOSTOMATINAE nobis

(*Proterodiplostominae* Dubois 1936)

Genus MESODIPLOSTOMUM Dubois 1936

*Mesodiplostomum gladiolum* Dubois 1936.—From *Melanosuchus niger* in Brazil.

Genus PROTERODIPLOSTOMUM Dubois 1936

*Proterodiplostomum longum* (Brandes 1888) Dubois 1936.—*Diplostomum l.* B., *Neodiplostomum l.* (B.) D. 1932, *Crocodilicola longus* (B.) Poche 1926. From "*Crocodilus coroa*," "*Crocodilus*" sp. and *Melanosuchus niger* in Brazil.

*Proterodiplostomum tumidulum* Dubois 1936.—From *Caiman crocodilus* in Brazil.

## Genus PSEUDONEODIPILOSTOMUM Dubois 1936

*Pseudoneodiplostomum siamense* (Poirier 1886) Dubois 1936.—*Diplostomum* s. P., *Neodiplostomum* s. (P.) Poche 1926. *Crocodylicola siamensis* (P.) D. 1932. From *Crocodylus siamensis* in Asia.

*Pseudoneodiplostomum thomasi* (Dollfus 1935) Dubois 1936.—*Neodiplostoma* t. D., *Neodiplostomum* t. (D.) Dubois 1938b. From *Osteolaemus tetraspis* in Africa.

## Genus TRAVASSOSTOMUM Bhalerao 1938

*Travassostomum natritis* Bhalerao 1938.—From *Natrix piscator* in India.

## Superfamily STRIGEOIDEA Railliet 1919

## Family STRIGEIDAE Railliet 1919

## Subfamily STRIGEINAE Railliet 1919

## Genus STRIGEA Abildgaard 1790

*Strigea strigis* (Schrank 1788) Abildgaard 1790.—Synonyms from Dubois 1938b: *Festucaria* s. S., *Fasciola* s. (S.) Gmelin 1790, *Planaria* s. (S.) Zeder 1803, *S. s. otii* Viborg 1795; *P. teres poro simplici* Göze 1782, in part; *S. ululae* V. 1795; *Fe. otidis* Frölich 1802; *Amphist. clavigerum* Z. 1803; *A. macrocephalum* Rudolphi 1803, *Holostoma m.* (R.) de Blainville 1828, *Holostomum m.* (R.) Creplin 1839; *Holostomum variabile* Nitzsch 1819, *Holostoma v.* (N.) Stiles and Hassall 1894, *Monost. v.* (N.) Davaine 1860, *Holostomum variabilis* Scheuring and Eversbusch 1926; *Holostomum cornucopia* Molin 1859, *Holostomum cornucopiae* Diesing 1859, *Strigea cornucopiae* (D.) Faust 1918; *Holostomum excisum* von Linstow 1906; *Tetracotyle colubri* L. 1877; *T. s.* (S.) Hughes 1929a. Adults from various hawks and owls in Europe; metacercariae from *Natrix natrix* and *Vipera berus*.

*Strigea vaginata* (Brandes 1888) Szidat 1928.—Synonyms mostly from Dubois 1938b: *Holostomum vaginatum* B., *Congylura vaginata* (B.) Lutz 1933a; *Tetracotyle ophiocystis* L. 1928, *S. o.* (L.) L. 1928; *S. theriocystis* L. 1928; *Holostoma microcephalum* Brandes in Dubois 1938b; *Cercaria Strigeae vaginatae* (B.) D. 1938b; *Dicranocercaria gyrinipeta* L. 1934a; *Mesocercaria Strigeae vaginatae* (B.) D. 1938b; "pseudodistomulus com 8 cellule glandulares" of L. 1933a; [T.] *ichthyocystis* L. 1929a. Adults from birds; cercariae from snails; mesocercariae from frogs; metacercariae from fish, mammals, and different species of snakes—in Brazil.

## Unclassified Strigeoidea

The species listed here are strigeoids of problematical affinities. Those of the first group, listed under their original names, have been regarded as forms never adequately described. The second group comprises larvae whose respective relationships to adult maritae are unknown.

## Adults

*Diplostomum brevis* MacCallum 1921.—*Crocodylicola b.* (M.) Dubois 1935. From *Kinosternon scorpioides* on Trinidad Island.

*Diplostomum cinosterni* MacCallum 1921.—*Crocodylicola c.* (M.) Dubois 1935. From *Kinosternon scorpioides* on Trinidad Island.

"Diplostome" medusae Dubois 1937.—From *Caiman crocodilus* in Brazil.

*Dist. bifurcatum* Wedl 1861.—*Diplostomum b.* (W.) Brandes 1888, *Neodiplostomum b.* (W.) Dubois 1932, *Diplostoma b.* (W.) Dollfus 1935, *Crocodylicola bifurcatum* (W.) Poche 1926. From *Crocodylus niloticus* in Egypt.

*Neodiplostomum crocodilarum* Tubangui and Masilungan 1936.—From *Crocodylus porosus* in Philippine Islands.

*Neodiplostoma* sp. Dollfus 1935.—From *Crocodylus cataphractus* in Africa.

*Proalarioides tropidonotis* Vidyarthi 1937.—*P. tropidonoti* Nicoll 1939. From *Natrix piscator* in India.

## Larvae

*Agamodistomum marciae* (La Rue 1917) Cort 1918.—*Cercaria m.* L. R., *Meso-*

MAR 14 1942

*cercaria m.* (L. R.) Olivier and Odlaug 1938. Mesocercaria from frogs and *Thamnophis marciatus* and *T. sirtalis* in North America.

*Agamodistomum ordinata* (Nicoll 1912a) Hughes 1928.—*Cercaria o. N.* From *Thamnophis sirtalis*—American snakes that died in London.

*Agamodistomum sp.* Sumwalt 1926.—From *Thamnophis sirtalis* and *T. ordinoides* in Washington (State).

*Diplostomulum sirtale* (Nicoll 1912a) Wallace 1937.—*Diplostomum s. N.*, *Diplostomulum sirtali* Hughes 1929b. From *Thamnophis sirtalis*—American snakes that died in London.

*Diplostomulum vegrandis* (La Rue 1917) Hughes 1929b.—*Cercaria v. L. R.* From *Thamnophis eques*, *T. marciatus*, *T. sauritus*, and *T. sirtalis* in North America.

*Tetracotyle serpentis* Hughes 1929a.—From *Natrix sipedon* and *Thamnophis sirtalis* in Michigan.

*Tetracotyle crystallina* (Rudolphi 1819) von Linstow 1877.—*Dist. crystallinum R.* From various amphibians and *Vipera berus* in Europe.

*Tetracotyle tiliquae* Nicoll 1914b.—From *Tiliqua scincoides* in Australia.

Subclass MONOGENEA Carus 1863

Order POLYSTOMATIDEA Nicoll 1939b

Suborder POLYOPISTHOCOTYLEA Odhner 1912

Superfamily POLYSTOMATOIDEA Price 1936a

Family POLYSTOMATIDAE Gamble 1896

(*Polystomidae* Braun 1890)

Subfamily POLYSTOMATINAE Gamble 1896

(*Polystominae* Pratt 1900)

Genus NEOPOLYSTOMA Price 1939b

*Neopolystoma chelodinae* (MacCallum 1919) Price 1939b.—*Polystoma c. M.* From *Chelodina longicollis* in New York Zoological Park.

*Neopolystoma domitilae* (Caballero 1938) Price 1939b.—*Polystoma d. C.* From *Pseudemys scripta* in Mexico.

*Neopolystoma exhamatum* (Ozaki 1935) Price 1939b.—*Polystomoides e. O.* From *Clemmys japonica* in Japan.

*Neopolystoma orbiculare* (Stunkard 1916) Price 1939b.—*Polystoma o. S.*, *Polystomoides o. (S.)* Ozaki 1935; *Polystoma "oblongum"* of Leidy 1888; *Polystoma troosti* MacCallum 1919; *Polystoma inerme M.* 1919; *Polystoma elegans M.* 1919; *Polystoma spinulosum M.* 1919; *Polystoma aspidonectis M.* 1919; *Polystoma floridanum S.* 1924. From *Chrysemys pica*, *Malaclemys centrata*, *Pseudemys rubriventris*, *P. scripta*, *Trionyx ferox*, and "terrapin" from the United States.

*Neopolystoma rugosa* (MacCallum 1919) Price 1939b.—*Polystoma r. M.* From *Trionyx ferox* in the United States.

*Neopolystoma terrapenis* (Harwood 1932) Price 1939b.—*Polystoma t. H.* From *Terrapene carolina* in Texas.

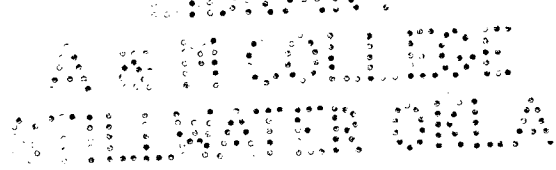
Genus POLYSTOMOIDEA Price 1939b

*Polystomoidella oblongum* (Wright 1879) Price 1939b.—*Polystoma o. W.*; *Polystoma hassalli* Goto 1899. From *Chelydra serpentina*, (?) *Chrysemys picta*, *Kinosternon hirtipes*, *K. subrubrum*, *Sternotherus carinatus*, and *S. odoratus* in North America.

*Polystomoidella whartoni* Price 1939b.—From *Kinosternon baurii*, *K. hirtipes*, *K. steindachneri*, and *K. subrubrum* in North America.

Genus POLYSTOMOIDES Ward 1917

*Polystomoides coronatum* (Leidy 1888) Ozaki 1935.—Synonyms from Price 1939: *Polystoma c. L.*; *Polystoma opacum* Stunkard 1916; *Polystoma megacotyle S.* 1916; *Polystoma microcotyle S.* 1916; *Polystoma albicollis* MacCallum 1919; *Polystoma digitatum M.* 1919. From *Chelydra serpentina*, *Chrysemys picta*, *Graptemys geographica*.



*Pseudemys scripta*, *Trionyx ferox*, *T. spinifera*, "spotted turtle," and "terrapin" in North America.

*Polystomoides japonicum* Ozaki 1935.—From *Clemmys japonica* in Japan.

*Polystomoides kachugae* (Stewart 1914) Ozaki 1935.—*Polystoma* k. S. From *Kachuga kachuga* in India.

*Polystomoides megaovum* Ozaki 1936.—From *Geoemyda spengleri* in Japan.

*Polystomoides microrchis* Fukui and Ogata 1936a.—From *Ocadia sinensis* in Formosa. See F. and O. 1939.

*Polystomoides multifalx* (Stunkard 1924) Ozaki 1935.—*Polystoma* m. S.; *Polystoma stunkardi* Harwood 1931. From *Pseudemys floridana* in the United States.

*Polystomoides ocladiae* Fukui and Ogata 1936a.—From *Ocadia sinensis* in Formosa. See F. and O. 1939.

*Polystomoides ocellatum* (Rudolphi 1819) Ozaki 1935.—*Polystoma* o. R., *Hexacotyla* o. (R.) de Blainville 1828, *Hexacotyle* o. (R.) B. 1828; *Polystoma mydae* Kuhl and van Hasselt 1822; *Polystoma midas* K. and H. 1824. From *Caretta caretta* and *Emys orbicularis* in Europe. Anatomy—Strankowski 1937.

*Polystomoides oris* Paul 1938.—From *Chrysemys picta* in the United States.

#### Nontrematode Reptilian Parasites once Classified as Flukes

*Porocephalus crotali* (Humboldt 1808) Humboldt 1811.—A porocephalid linguatulid which has been known as *Dist. c. H.*, *D. c. durissi* Rudolphi 1809, and *Polystoma proboscideum* R. 1814.

*Tetrathyridium lacertae* (Valenciennes 1844) Hughes, Baker, and Dawson 1941.—A mesocestoidid cestode larva which has been called *Monost. l.* Diesing 1850, *Tetrathyryrus obesus* Creplin 1851, *Petrathyryrus* o. (C.) Cobbold 1860, and *M. gurltii* Cobbold 1860.