

A Checklist of Platyhelminth Parasites Reported by  
Dr. Yoshimasa Ozaki, 1923-1966

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**Abstract** A host-parasite list is presented of almost all the platyhelminth parasites (turbellarian, monogenean and digenean) reported by Dr. Yoshimasa Ozaki from 1923 to 1966. Some data are given for each parasite species. A parasite-host and a Japanese host name index are appended.

Dr. Yoshimasa Ozaki (1891-1976), a world known helminthologist, not only recorded many known species but also described many new families, genera and species of platyhelminth parasites mostly from Japanese animals. A large parasite collection of Dr. Ozaki, the greater part of which survived the destruction by the atomic bomb in Hiroshima on August 6, 1945, has been deposited at the Meguro Parasitological Museum, Tokyo. This collection contains unpublished as well as published specimens and has been being put in order by me. For promoting this work, a host-parasite list has been compiled from nearly all the records of parasites reported by him from 1923 to 1966. The publication of such a list would also be of benefit to other investigators.

The following is the list. For the sake of convenience, parasites are arranged according to their respective hosts and alphabetically in their respective higher taxa. No attempt is made to provide a complete classification. Each parasite species is preceded by a letter indicating its higher taxon (D, Digenea; M, Monogenea; and T, Turbellaria) and is followed by published data on date of publication, reference number in square parentheses, page, figure number, developmental stage of parasite, subfield of study and locality in this order reference by reference. Hosts appear alphabetically class by class and are serially numbered. References are listed chronologically author by author and serially numbered. These host and reference numbers are used in the list and parasite-host and Japanese host name indexes appended. No claim is made for the accuracy of the published records, and his original spellings and nomenclature are cited.

Host-parasite list

CRUSTACEA

1 *Potamon dehaani*

- D *Macrorchis spinulosus* Ando, 1919: 1966 a [56], pp.101-106, fig.1, metacercaria, morphology and prevalence, Rokuroshi (Iwakuni, Yamaguchi Pref.); 1966 b [57], pp.109-112, figs.1-2, 1 fig. (p.111), metacercaria, morphology, Rokuroshi.
- D *Metacercaria shikokuensis* Ito, Nakase et Yokogawa, 1956: 1966 a [56], pp.101-106, fig.1, metacercaria, morphology and prevalence, Rokuroshi.
- D *Paragonimus miyazakii* Kamo, Nishida, Hatsushika et Tomimura, 1961: 1966 a [56], pp.101-106, figs.1-2, metacercaria, morphology and prevalence, Rokuroshi.

BIVALVIA

2 *Cestrea denselamellosa* (see also 3)

- D *Bucephalus itabo* Ozaki, 1952: 1954 [50], pp.45-46, cercaria, life cycle, Mukaishima (Hiroshima Pref.), laboratory experiment.

3 *Cestrea gigas* (see also 2)

- D *Bucephalus itabo* n.sp.: 1952 b [48], p.69, no figure, sporocyst and cercaria, morphology and taxonomy, Hiroshima.

4 "Magaki" [= *Crassostrea gigas*]

- D *Bucephalus* cercaria (name not given): 1952 b [48], p.69, cercaria, occurrence, Hiroshima.

5 *Pictada martensi*

- D *Bucephalus margaritae* n.sp.: 1934 [53], pp.439-441, figs.1-3, sporocyst and cercaria, morphology and taxonomy, Tatokujima (Mie Pref.).

GASTROPODA

6 *Euhadra peliomphala*

- D *Harmostomum horisawai* n.sp.: 1925 b [5], pp.1794-1796, no figure, metacercaria, morphology and life cycle, Japan(?).

7 *Philomycus bilineatus*

- D *Harmostomum horisawai* n.sp.: 1925 b [5], p.1794, no figure, metacercaria, occurrence and life cycle, Japan(?).

HOLOTHUROIDEA

8 *Stichopus japonicus*

- T *Anoplodium mediale* n.sp.: 1932 c [20], pp.81-85, figs.1-2, pls.1-2,

adult, morphology and taxonomy, Hiroshima.

- T *Xenometra arbora* n. g., n. sp. : 1932 c [20], pp. 85-88, fig. 3, pl. 3, adult, morphology and taxonomy, Hiroshima.

## OSTEICHTHYES

- 9 *Acanthogobius flavimanus*  
 D *Coitocaecum orthorchis* n. sp. : 1926 b [9], pp. 128-130, no figure, adult, morphology and taxonomy, Japan; 1929 a [13], pp. 82-84 and 89, fig. 4, adult, morphology and taxonomy, fish market in Takamatsu.
- 10 *Acheilognathus lanceolata lanceolata*  
 D *Clinostomum complanatum* (Rudolphi, 1814) Braun, 1899: 1943 [40], pp. 13-18, figs. 2-3 and 5, pl. 1, metacercaria, morphology and taxonomy, Saijo (Hiroshima Pref.).
- 11 *Amia lineata*  
 D *Opegaster brevifistula* n. sp. : 1928 a [11], pp. 20-21 and 24, fig. 11, adult, morphology and taxonomy, Takamatsu.
- 12 *Anguilla japonica*  
 D *Azygia anguillae* n. sp. : 1924 b [3], pp. 426-432 and 434-435, fig. 2 (p. 429), figs. 1-3 (p. 433), adult, morphology and taxonomy, near Tokyo.
- 13 *Beryx decadactylus*  
 D *Bucephalopsis latus* n. sp. : 1928 b [12], pp. 54-55 and 58, fig. 25, adult, morphology and taxonomy, Tokyo.
- 14 *Cantherines modestus*  
 D *Leptocreadium skrjabini* n. g., n. sp. : 1936 b [32], pp. 513-516, pl. 16, figs. 1-2, adult, morphology and taxonomy, near Hiroshima; 1937 c [36], pp. 449-450, figs. 1-2, as in [32].
- 15 *Chilomycterus affinis*  
 D *Heterolebes maculosus* Ozaki 1935: 1937 a [34], pp. 127-159, figs. 3, 11 and 19(B), adult, morphology, Itoman (Loochoo Islands) and Yaku Island; 1937 b [35], pp. 167-212 and 230, figs. 29, 41, 47, 48(5) and 61, continued from [34].  
 D *Opistholebes cotylophorus* Ozaki, 1935: 1937 a [34], pp. 127-159, figs. 2, 6, 8, 10 and 19(A)-20, pl. 2, figs. 4-5, adult, morphology, Itoman and Yaku Island; 1937 b [35], pp. 167-212 and 226-227, figs. 32-34, 40, 42(3), 46 and 59, continued from [34].  
 D *Opistholebes elongatus* n. sp. : 1937 a [34], pp. 127-159, fig. 7, adult, morphology and taxonomy, Itoman and Yaku Island; 1937 b [35], pp. 228-229, figs. 42(1-2) and 60, continued from [34].
- 16 *Diacocis peterseni*  
 D *Anisoporus cobraeformis* n. g., n. sp. : 1928 a [11], pp. 21-22 and 24, fig.

12, adult, morphology and taxonomy, Takamatsu.

17 *Diodon holacanthus*

D *Heterolebes maculosus* n. g., n. sp. : 1935 d [30], pp.244-246, fig.2, adult, morphology and taxonomy, locality not given; 1937 a [34], pp.127-159, figs.3, 11 and 19(B), adult, morphology, Itoman (Loochoo Islands) and Yaku Island; 1937 b [35], pp.167-212 and 230, figs.29, 41, 47, 49(5) and 61, continued from [34].

D *Opistholebes cotylophorus* n. sp. : 1935 d [30], pp.244-245, fig.1, adult, morphology and taxonomy, locality not given; 1937 a [34], pp.127-159, figs.2, 6, 8, 10 and 19(A)-20, pl.2, figs.4-5, Itoman and Yaku Island; 1937 b [35], pp.167-212 and 226-227, figs.32-34, 40, 42(3), 46 and 59, continued from [34].

D *Opistholebes elongatus* n. sp. : 1937 a [34], pp.127-159, fig.7, adult, morphology and taxonomy, Itoman and Yaku Island; 1937 b [35], pp.228-229, figs.42(1-2) and 60, continued from [34].

18 *Ditrema temmincki*

D *Coitocaecum latum* n. sp. : 1929 a [13], pp.88-89, fig.7, adult, morphology and taxonomy, Shimonoseki.

19 *Goniistius zonatus*

D *Leptocreadium vitellosum* n. sp. : 1936 b [32], pp.514 and 516-517, 1 fig. (p.517), adult, morphology and taxonomy, Shimonoseki; 1937 c [36], pp.451-452, fig.3, as in [32].

20 *Holacanthus septentrionalis*

D *Paragyliuchaen chaetodonis* Yamaguti, 1934 : 1937 a [34], pp.127-159, fig.5, adult, morphology, Shimonoseki; 1937 b [35], pp.167-212 and 218-219, figs.37 and 49(2), continued from [34].

21 *Inimicus japonicus*

D *Gotonius facilis* n. g., n. sp. : 1924 a [2], pp.180-184 and 190-199, figs.1(3) and 2(1-4), pl.4, figs.4-5 and 10, adult, morphology and taxonomy, fish market in Takamatsu; 1928 b [12], pp.41-42 and 45-48, figs.10-19, adult, morphology and taxonomy, Takamatsu.

22 *Latilus japonicus*

D *Trigonotrema alatum* n. g., n. sp. : 1929 b [60], pp.371-374, figs.2-8, adult, morphology and taxonomy, Kagoshima.

23 *Leptocephalus myriaster*

D *Bucephalus itabo* Ozaki, 1952 : 1954 [50], p.46, adult, life cycle and taxonomy, experimental infection with metacercariae, cercaria of *Prosorhynchus uniporus* Ozaki, 1924.

D *Dolichoenterum longissimum* n. g., n. sp. : 1924 a [2], pp.184-187 and 190-199, figs.1(4) and 2(5-7), pl.4, figs.6-7 and 9, adult, morphology

- and taxonomy, locality not given; 1928 b [12], pp. 49 and 51-53, figs. 20-23, adult, morphology and taxonomy, Onomichi (Hiroshima Pref.), Shimonoseki and Takamatsu.
- D *Opecoelus sphaericus* n. g., n. sp.: 1925 c [6], pp. 417-418 and 421-422, fig. 1, pl. 8, figs. 1-2, adult, morphology and taxonomy, Takamatsu; 1925 d [7], pp. 51-52, pl. 7, figs. 1-2, as in [6]; 1928 a [11], pp. 7-12 and 24, figs. 1-5, adult, morphology and taxonomy, Mitsugahama, Onomichi, Shimonoseki and Takamatsu on the coast of the Inland Sea of Japan.
- D *Prosorhynchus aculeatus* Odhner, 1905: 1928 b [12], p. 38, occurrence, Inland Sea of Japan.
- D *Prosorhynchus crucibulum* (Rudolphi, 1819) Odhner, 1905: 1924 a [2], pp. 175-177 and 190-199, pl. 4, fig. 1, adult morphology and taxonomy, Itozaki and Onomichi (Hiroshima Pref.); 1928 b [12], pp. 39 and 41, figs. 6-9, adult, morphology and taxonomy, Japan.
- D *Prosorhynchus squamatus* Odhner, 1905: 1924 a [2], pp. 177-178 and 190-199, fig. 1(1), pl. 4, fig. 2, adult, morphology, locality not given.
- D *Prosorhynchus uniporus* n. sp.: 1924 a [2], pp. 178-180 and 190-199, fig. 1(2), pl. 4, figs. 3 and 8, adult, morphology and taxonomy, Onomichi (Hiroshima Pref.); 1928 b [12], pp. 36 and 38-39, figs. 1-5, adult, morphology and taxonomy, Onomichi, Shimonoseki and Takamatsu.
- 24 *Misgurnus anguillicaudatus*
- D *Macrolecithus gotoi* n. g., n. sp.: 1926 [62], pp. 225-227, fig. 1, adult, morphology and taxonomy, locality not given.
- 25 *Mogurnda obscura*
- D *Asymphylogora macrostoma* n. sp.: 1925 a [4], pp. 104-107, fig. 4, adult, morphology and taxonomy, Saijo (Hiroshima Pref.).
- D *Coitocaecum plagiorchis* n. sp.: 1926 b [9], pp. 125-128, no figure, adult, morphology and taxonomy, Japan; 1929 a [13], pp. 77-78, 80-82 and 89, figs. 1-3, adult, morphology and taxonomy, Saijo.
- D *Genarchopsis goppo* n. g., n. sp.: 1925 a [4], pp. 101-104, figs. 1-3, adult, morphology and taxonomy, Saijo; 1929 a [13], p. 78, adult, occurrence, Saijo.
- 26 *Monacanthus cirrhifer*
- D *Hypocreadium symmetrorchis* n. g., n. sp.: 1936 b [32], pp. 514-515 and 517-518, pl. 16, figs. 3-4, adult, morphology and taxonomy, Goza (Mie Pref.); 1937 c [36], pp. 452-453, fig. 4, as in [32].
- D *Lepotrema clavatum* n. g., n. sp.: 1932 b [19], pp. 44-46, figs. 1-3, adult, morphology and taxonomy, Otaru southward to Nagasaki.
- D *Plectognathotrema lobatum* n. sp.: 1937 b [35], pp. 234-236, figs. 49, 63

and 68, adult, morphology and taxonomy, Shimonoseki.

- 27 *Moroco steindachneri*  
 D *Liolope copulans* Cohn, 1902: 1951 [54], pp.113-118, figs.1-4, metacercaria, morphology, Ooasa (Hiroshima Pref.).
- 28 *Opsariichthys uncirostris*  
 D *Allocreadium hasu* n. sp. : 1926 b [9], p.125, no figure, adult, morphology and taxonomy, Japan.
- 29 *Parapercis ommatura*  
 D *Opegaster ovatus* n. g., n. sp. : 1928 a [11], pp.17-18 and 24, fig. 9, adult, morphology and taxonomy, Takamatsu.  
 D *Opegaster rectus* n. sp. : 1928 a [11], pp.19 and 24, fig.10, adult, morphology and taxonomy, Takamatsu.
- 30 *Parapristipoma trilineatum*  
 D *Opecoelus lobatus* n. sp. : 1925 c [6], pp.419 and 422, pl.8, fig.3, adult, morphology and taxonomy, Choshi (Ibaraki Pref.); 1925 d [7], p.52, no figure, adult, morphology and taxonomy, Choshi; 1928 a [11], pp.12-14 and 24, fig.6, adult, morphology and taxonomy, Choshi and Misaki (Kanagawa Pref.).
- 31 *Parasilurus asotus*  
 D *Bucephalopsis ovatus* n. sp. : 1928 b [12], pp.56-58, fig.27, adult, morphology and taxonomy, Korea.
- 32 *Pleuronichthys cornutus*  
 D *Bucephalus itabo* Ozaki, 1952: 1954 [50], pp.45-46, metacercaria, life cycle, experimental infection with cercariae.  
 D Metacercaria (unidentified): 1954 [50], p.45, metacercaria, occurrence, near Onomichi (Hiroshima Pref.).
- 33 *Sarcocheilichthys variegatus*  
 D *Lebouria elongata* n. sp. : 1930 [61], pp.75-76, fig.2, adult, morphology and taxonomy, Lake Biwa (Shiga Pref.).  
 D *Tetracotyle biwaensis* n. sp. : 1930 [61], pp.80-81, figs.6-7, metacercaria, morphology and taxonomy, Lake Biwa.
- 34 *Scomberomorus niphonius*  
 D *Nannoenterum pentagonum* n. g., n. sp. : 1924 a [2], pp.187 and 190-199, fig.1(5), adult, morphology and taxonomy, locality not given; 1928 b [12], pp.53-54, fig.24, adult, morphology and taxonomy, Takamatsu.
- 35 *Seriola aureovittata*  
 D *Bucephalopsis elongatus* n. sp. : 1928 b [12], pp.56 and 58, fig.26, adult, morphology and taxonomy, Takamatsu.
- 36 *Siganus fuscescens*  
 D *Atractotrema fusum* n. g., n. sp. : 1929 b [60], pp.369-371, fig.1, adult,

- morphology and taxonomy, Takamatsu.
- D *Coitocaecum diplobulbosum* n.sp. : 1929 a [13], pp. 85 and 87-89, fig. 5, adult, morphology and taxonomy, Takamatsu.
- D *Coitocaecum unibulbosum* n.sp. : 1929 a [13], pp. 86-89, fig. 6, adult, morphology and taxonomy, Takamatsu.
- D *Gyliauchen papillatus* (Goto et Matsudaira, 1918) Goto, 1919: 1937 a [34], pp. 127-159, fig. 1(C), adult, morphology and taxonomy, Tokyo, Takamatsu, Shimonoseki, Kagoshima and Loochoo Islands; 1937 b [35], pp. 167-212 and 214-216, figs. 35 and 49(3)-51, continued from [34].
- D *Hexangium sigani* n. g., n. sp. : 1929 b [60], pp. 374-377, figs. 9-12, adult, morphology and taxonomy, Misaki (Kanagawa Pref.) and Takamatsu; 1937 a [34], pp. 159-160 and 163-164, figs. 22-24, adult, morphology, locality not given.
- 37 *Siganus punctatus*
- D *Gyliauchen nahaensis* n.sp. : 1937 a [34], pp. 127-159, fig. 4, adult, morphology and taxonomy, Naha (Loochoo Islands); 1937 b [35], pp. 167-212, 216 and 218, figs. 44(B) and 52-53, continued from [34].
- 38 *Spheroides niphobles*
- D *Heterolebes maculosus* Ozaki, 1935: 1937 a [34], pp. 127-159, figs. 3, 11 and 29(B), adult, morphology, Kusatu near Hiroshima; 1937 b [35] pp. 167-212 and 230, figs. 29, 41, 47, 49(5) and 61, continued from [34].
- D *Maculiber japonicus* Layman, 1931: 1937 a [34], pp. 127-159, fig. 21, pl. 3, figs. 6-7, adult, morphology, Kusatu near Hiroshima and Shimonoseki; 1937 b [35], pp. 167-212 and 232-233, figs. 43, 48 and 62, continued from [34].
- D *Opistholebes cotylophorus* Ozaki, 1935: 1937 a [34], pp. 127-159, figs. 2, 6, 8, 10 and 19(A)-20, pl. 2, figs. 4-5, adult, morphology, Kusatu near Hiroshima; 1937 b [35], pp. 167-212 and 226-227, figs. 32-34, 40, 42(3) 46 and 59, continued from [34].
- D *Opistholebes elongatus* n.sp. : 1937 a [34], pp. 127-159, fig. 7, adult, morphology and taxonomy, Kusatu near Hiroshima; 1937 b [35], pp. 167-212 and 228-229, figs. 42(1-2) and 60, continued from [34].
- 39 *Spheroides pardalis*
- D *Diploporus cryptostoma* n.sp. : 1928 a [11], pp. 30 and 32, figs. 16-17, adult, morphology and taxonomy, Takamatsu.
- D *Diploporus hemistoma* n.g. (?), n.sp. : 1928 a [11], pp. 25 and 27-29, figs. 13-15, adult, morphology and taxonomy, Takamatsu.
- D *Plehmia japonica* n. g., n. sp. : 1929 b [60], pp. 377-380, figs. 13-14, adult, morphology and taxonomy, Inland Sea of Japan.
- D *Psettarium japonicum* (Goto et Ozaki, 1929) Goto et Ozaki, 1930

- (=*Plehnia japonica*): 1930 [61], p. 81, new genus name.
- 40 *Trachurus japonicus*
- D *Opecoelus lobatus* Ozaki, 1925: 1928 a [11], pp. 12-14 and 24, fig. 6, adult, morphology and taxonomy, Choshi (Ibaraki Pref.) and Misaki (Kanagawa Pref.).
- 41 *Tridentiger obscurus*
- D *Coitocaecum orthorchis* n. sp.: 1926 b [9], pp. 128-130, no figure, adult, morphology and taxonomy, Japan; 1929 a [13], pp. 82-84 and 89, fig. 4, adult, morphology and taxonomy, Hiroshima.
- D *Urorchis goro* n. g., n. sp.: 1927 [10], pp. 160-163, figs. 5-7, adult, morphology and taxonomy, Kasumigaura and near Sendai.
- 42 *Tylosurus coromandelicus*
- D *Bucephalopsis tylosuris* n. sp.: 1952 [63], pp. 85-89, figs. 1-3, adult, morphology and taxonomy, Gosa (Mie Pref.).
- 43 *Upeneus pleurospilos*
- D *Opecoelus elongatus* n. sp.: 1928 a [11], pp. 14, 16 and 24, fig. 7, adult, morphology and taxonomy, Nagasaki.
- D *Opecoelus quadratus* n. sp.: 1928 a [11], pp. 16 and 24, fig. 8, adult, morphology and taxonomy, Nagasaki.
- 44 *Uranoscopus japonicus*
- D *Isocoelium mediolecithale* n. g., n. sp.: 1927 [10], pp. 157-160, figs. 1-4, adult, morphology and taxonomy, Takamatsu.
- D *Paraisocoelium exorchis* n. g., n. sp.: 1932 e [22], pp. 450-452, figs. 1-4, adult, morphology and taxonomy, Japan(?).
- 45 *Xesurus scalprum*
- D *Flagellotrema convolutum* n. g., n. sp.: 1936 c [33], pp. 951-953, 1 fig. (p. 952), adult, morphology and taxonomy, locality not given; 1937 a [34], pp. 127-159, figs. 1(B) and 15-16, pl. 1, fig. 3, adult, morphology and taxonomy, Hiroshima and Kagoshima; 1937 b [35], pp. 167-212 and 222-223, figs. 27, 36 and 56-57, continued from [34].
- D *Petalocotyle nipponica* n. g., n. sp.: 1934 a [24], pp. 111-114, figs. 1-2, adult, morphology and taxonomy, Hiroshima and Kagoshima; 1937 a [34], pp. 127-159, figs. 17-18, pl. 1, figs. 1-2, adult, morphology, Hiroshima and Kagoshima; 1937 b [35], pp. 167-212 and 224-225, figs. 28, 39, 49(1) and 58, continued from [34].
- D *Telotrema caudatum* n. g., n. sp.: 1933 [23], pp. 330-332, figs. 1-2, adult, morphology and taxonomy, Japan(?); 1934 b [25], p. 82, adult, morphology, locality not given; 1934 c [26], pp. 380-381, figs. 1-3, adult, morphology, locality not given; 1937 a [34], pp. 127-159, figs. 1(A), 9 and 12-14, adult, morphology, Hiroshima and Kagoshima;



1937 b [35], pp.167-212 and 220, figs.25-26, 30-31, 38, 44-45 and 54-55, continued from [34].

46 *Zacco platypus*

D *Allocreadium japonicum* n.sp.: 1926 b [9], pp.124-125, no figure, adult, morphology and taxonomy, Japan.

## AMPHIBIA

47 "Akagaeru" [= *Rana temporaria ornativentris*(?)]

M *Polystoma integerrimum* Frölich, 1791: 1931 c [17], p.23, occurrence, Sendai.

48 *Bufo vulgaris formosus*

D *Mesocoelium brevicaecum* Ochi in Goto et Ozaki, 1929: 1929 a [59], pp.213-214, fig.1, adult, morphology and taxonomy, Hiroshima and Otsu.

49 *Diemyctylus pyrrhogaster*

D *Mesocoelium elongatum* n.sp.: 1929 a [59], pp.214-215, fig.2, adult, morphology and taxonomy, Hiroshima, Sendai and Tokyo.

50 *Megalobatrachus japonicus*

D *Liolope copulans* Cohn, 1902: 1951 [54], pp.113 and 118-119, adult, occurrence and life cycle, feeding experiment with metacercariae.

51 *Onychodactylus japonicus*

M *Polystoma dendriticum* n.sp.: 1948 [41], pp.34-37, 1 fig. (p.34), adult, morphology, taxonomy and life cycle, Mt. Isizuti (Sikoku Island).

52 *Polypedates buergeri*

D *Cryptotrema kuretanii* n.g., n.sp.: 1926 a [8], pp.33-37, figs.1-4, adult, morphology and taxonomy, Yasuhara (Kagawa Pref.).

D *Mesocoelium japonicum* n.sp.: 1930 [61], pp.77-78, fig.4, adult, morphology and taxonomy, Yasuhara.

D *Microlecithus kajika* n.g., n.sp.: 1926 a [8], pp.37-40, figs.5-6, adult, morphology and taxonomy, Yasuhara.

D *Pleurogenes lobatus* n.sp.: 1926 a [8], pp.40-43, figs.7-8, adult, morphology and taxonomy, Yasuhara.

53 *Pseudosalamandra stejnegeri*

D *Mesocoelium japonicum* Goto et Ozaki, 1930: 1930 [61], p.78, occurrence, Kyushu.

D *Mesocoelium pearsei* n.sp.: 1930 [61], pp.76-77, fig.3, adult, morphology and taxonomy, Kagoshima(?).

54 *Rana rugosa*

M *Diplorchis ranae* n.g., n.sp.: 1931 a [15], pp.181-184, 1 fig. (p.182), adult, morphology and taxonomy, Japan(?); 1931 c [17], p.23,

adult(?), morphology, Japan; 1932 a [18], pp.16-17, no figure, adult, occurrence, swimming larva, development and morphology, Japan; 1935 b [28], pp.196-213 and 221, figs.4-17, pls.1-3, adult, morphology and taxonomy, Koishikawa (Tokyo), Osaka, Hiroshima, Shionoe (Kagawa Pref.) and Shiroyama (Kagoshima); 1935 c [29], pp.23-34, figs.1-6, pls.1-2, swimming larva, hatching, morphology and behavior, laboratory experiment.

D *Mesocoelium ovatum* n.sp. : 1930 [61], pp.78-79, fig.5, adult, morphology and taxonomy, Sendai and Komaba near Tokyo.

55 *Rana temporaria ornativentris*

M *Polystoma integerrimum* (Froelich, 1791) Rudolphi, 1808: 1932 a [18], pp.16-17, adult, occurrence, larva, development and morphology, Japan; 1935 b [28], pp.195, 212 and 220-221, figs.1-3, immature worm, morphology, Sendai, Shakushiji near Tokyo and Fukuoji near Hiroshima.

M *Polystomum integerrimum japonicum* n. subsp. : 1940 a [38], p.48, adult, morphology and taxonomy, Japan.

56 *Tylototriton andersoni*

D *Mesocoelium lanceatum* n.sp. : 1929 a [59], pp.216-217, fig.3, adult, morphology and taxonomy, Ryukyu Islands; 1936 a [31], p.85, fig.3 (B), adult, morphology, Kunigami (Loochoo Islands).

REPTILIA

57 *Clemmys japonica* (see also 60)

M *Polystomoides exhamatum* n.sp. : 1935 b [28], pp.217-219 and 221, figs.24-28, adult, morphology and taxonomy, Japan(?).

M *Polystomoides japonicum* n.sp. : 1935 b [28], pp.214-217 and 221, figs.18-23, adult, morphology and taxonomy, Saijo (Hiroshima Pref.) and others.

58 *Elaphe quadrivirgata*

D *Encyclometra japonica* n.sp. : 1929 [64], pp.239-241, fig.1, pl.1, figs.1-3, adult, morphology and taxonomy, Japan.

59 *Geoemyda spengleri*

M *Polystomoides megaovum* n.sp. : 1936 a [31], pp.86-89, figs.4-7, adult, morphology and taxonomy, Kunigami (Loochoo Islands).

D *Mesocoelium geoemydae* n.sp. : 1936 a [31], pp.81-86, figs.1-3(A), adult, morphology and taxonomy, Kunigami.

60 "Ishigame" (see also 57)

M Polystome (name not given): 1931 c [17], p.23, adult(?), morphology and taxonomy, Japan.

M Polystome (name not given): 1931 c [17], pp.23-24, adult(?), morphology and taxonomy, Japan.

61 *Ocadia sinensis*

D *Hapalorhynchus* sp.: 1932 d [21], p.42, adult(?), occurrence, Shanghai (China).

D *Hapalorhynchus yoshidai* n.sp.: 1939 [37], pp.29-35, 1 pl., figs.1-3, adult, morphology and taxonomy, Hiroshima (Shanghai(?)).

D *Leurosoma orientale* n.g., n.sp.: 1932 d [21], pp.42-45, 1 fig. (p.43), adult, morphology and taxonomy, Shanghai.

AVES

62 *Corvus macrorhynchus japonensis*

D *Micropharyphium corvi* n.sp.: 1923 [1], pp.66-70, 1 fig. (p.66), pl.2, figs.1-3, adult, morphology and taxonomy, Saijo (Hiroshima Pref.).

63 "Niwatori" [=domestic fowl]

D *Harmostomum horisawai* n.sp.: 1925 b [5], pp.1794-1976, no figure, adult (natural and experimental), morphology, taxonomy and life cycle, Japan(?), feeding experiment with metacercariae.

64 *Nycticorax nycticorax*

D *Clinostomum complanatum* (Rudolphi, 1814) Braun, 1899: 1943 [40], pp.10-11, 13, 15 and 18, fig.4, adult, morphology and taxonomy, Hachijo Island.

MAMMALIA

65 *Bos taurus* (see also 73)

D *Gastrothylax cobboldi* Fiscoeder, 1901: 1951 a [44], pp.36-37, miracidium, hatching and morphology, laboratory experiment; 1951 b [45], p.21, miracidium, morphology, laboratory experiment; 1951 c [46], pp.99-109, fig.4(c), pl.2, fig.A, table 2, miracidium, hatching and morphology, Hiroshima, laboratory experiment.

D *Paramphistomum cervi* (Schrank, 1790) Fiscoeder, 1901: 1952 c [49], pp.82-83, no figure, adult, morphology, Hiroshima.

D *Paramphistomum explanatum* (Creplin, 1847) Fiscoeder, 1904: 1951 a [44], pp.36-37, miracidium, hatching and morphology, laboratory experiment; 1951 b [45], p.21, miracidium, morphology, laboratory experiment; 1951 c [46], pp.99-109, figs.1-4(A), pl.1, pl.2, fig.B, tables 1-3, miracidium, hatching and morphology, Hiroshima, laboratory experiment.

D *Paramphistomum gotoi* Fukui, 1922: 1952 c [49], pp.82-83, fig.4, adult, morphology, Hiroshima.

- D *Paramphistomum orthocoelium* Fiscoeder, 1901: 1951 a [44], pp.36-37, miracidium, hatching and morphology, laboratory experiment; 1951 b [45], p.21, miracidium, morphology, laboratory experiment; 1951 c [46], pp.99-109, fig.4(B), table 2, miracidium, hatching and morphology, Hiroshima, laboratory experiment; 1952 c [49], pp.79-82, figs.1-3, adult, morphology, Hiroshima.
- 66 *Crocidura (Pachyura) coerulea*
- D *Opisthoglyphe hinoi* n.sp.: 1931 b [16], pp. 112-116, 1 fig. (p.114), adult, morphology and taxonomy, Kagoshima.
- 67 *Homo sapiens*
- D *Clinostomum complanatum* (Rudolphi, 1814) Braun, 1899: 1943 [40], pp.11-13 and 17-18, fig.1, adult, morphology and taxonomy, Kyushu.
- D *Heterophyes katuradai* n.sp.; 1925 [51], pp.6-9, 1 pl., adult, morphology and taxonomy, Kobe; 1926 [52], pp.216-218, pl.25, as in [51].
- 68 "Kato" [=rabbit] (see also 73)
- D *Schistosoma japonicum* Katsurada, 1904: 1949 b [43], p.456, miracidium, morphology, laboratory experiment.
- 69 *Mus norvegicus* (see also 74)
- D *Echinoparyphium japonicum* n.sp.: 1923 [58], pp.117-118, fig.8, pl.3, figs.1(D) and 5, adult, morphology and taxonomy, Gifu, Hiroshima and Shiga prefectures.
- D *Echinostoma cinetorchis* n.sp.: 1923 [58], pp.109-112, figs.1-3, pl.3, figs.1(A) and 2, adult morphology taxonomy, Gifu, Hiroshima and Shiga prefectures.
- D *Echinostoma gotoi* n.sp.: 1923 [58], pp.112-115, figs.4-5, pl.3, figs.1(B) and 3, adult, morphology and taxonomy, Gifu, Hiroshima and Shiga prefectures.
- D *Echinostoma macrorchis* n.sp.: 1923 [58], pp.115-117, figs.6-7, pl.3, figs.1(C) and 4, adult, morphology and taxonomy, Gifu, Hiroshima and Shiga prefectures.
- 70 *Neophocaena phocaenoides*
- D *Campula folium* n.sp.: 1935 a [27], pp.123-130, figs.9-15, adult, morphology and taxonomy, Awashima (Hiroshima Pref.).
- D *Nasitrema spathulatum* n.sp.: 1935 a [27], pp.131-136, figs.16-19, adult, morphology and taxonomy, Awashima.
- D *Orthosplanchnus elongatus* n.sp.: 1935 a [27], pp.116-123, figs.1-8, adult, morphology and taxonomy, Awashima.
- 71 *Phoca hispida*
- D *Phocitrema fusiforme* n.g., n.sp.: 1930 [61], pp.73-74, fig.1, adult, morphology and taxonomy, Tokyo (zoological garden).

- 72 *Pipistrellus abramus*  
 D *Mesodendrium macrostomum* n. sp. : 1929 b [14], pp. 91-95, fig. 1, adult, morphology and taxonomy, near Tokyo.  
 D *Mesodendrium spathulatum* n. sp. : 1929 b [14], pp. 91 and 94-95, fig. 2, adult, morphology and taxonomy, near Tokyo.  
 D *Pycnoporos transversus* n. sp. : 1929 b [14], pp. 95-98, fig. 3, adult, morphology and taxonomy, near Tokyo.
- 73 Rabbit [= *Oryctolagus cuniculus*] (see also 68)  
 D *Schistosoma japonicum* Katsurada, 1904: 1952 a [47], pp. 344-349, figs. 1-3, tables 1-4, miracidium, morphology, laboratory experiment.
- 74 "Shironezumi" [= *Rattus norvegicus*] (see also 69)  
 D *chlonorchis sinensis* [= *Clonorchis sinensis* (Cobbold, 1875) Looss, 1907]: 1949 a [42], pp. 71-72, no figure, adult, morphology, Okayama Pref., laboratory experiment.
- 75 "Ushi" (see also 65)  
 D *Gastrothylax elongatus* Poirier, 1883: 1940 b [39], p. 48, adult(?), morphology, locality not given.  
 D *Paramphistoma explanatum* (Creplin, 1847) Fiscoeder, 1904: 1940 b [39], pp. 47-48, adult(?), morphology, locality not given.  
 D *Paramphistoma orthocoelium* Fiscoeder, 1901: 1940 b [39], p. 49, adult(?), morphology, locality not given.
- 76 Species unknown mammal  
 D *Clonorchis sinensis* (Cobbold, 1875) Looss, 1907: 1955 [55], pp. 125-126, no figure, adult, morphology, laboratory experiment.

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