

Check-List of New Cestode Species Recorded by Sawada

Isamu SAWADA

(Nara City, 630 Japan)

The first cestode species recorded by Sawada is *Raillietina* (*Paroniella*) *kashiwarensis* from the domestic fowl, *Gallus gallus domesticus* of Kashiwara City, Nara Prefecture (1953). After then, Sawada (1953–1995) published many reports on the morphology and taxonomy of cestodes parasitic on chiropters, insectivores, birds and reptiles.

The present check-list includes the 171 new species belonging to 42 genera in 10 families that have been recorded by Sawada and co-workers from hosts collected in Japan (mainly), Taiwan, Thailand, Indonesia, Malaysia, India, Nepal, Iraq, Russia and Bolivia, during the period from 1953 to 1995.

Family ANOPLOCEPHALIDAE

Cholodkovsky, 1902

Genus *Aporina* Fuhrmann, 1902

Aporina nakayamai Sawada et Kifune, 1974

*Host and locality: *Columba livia domestica*; Kurume City, Fukuoka Pref.

Genus *Aprostotandrya* (Kirschen-

blat, 1938)

Aprostotandrya (*Aprostotandrya*)

petauristae Sawada et Kugi, 1979

Host and locality: *Petaurista leucogenys*; Ugata-cho, Oita Pref.

Genus *Bertiella* Stiles et Hassall, 1902

Bertiella okabei Sawada et Kifune, 1974

Host and locality: *Macaca irus*; Kurume City, Fukuoka Pref.

Genus *Mathevotaenia* Akhumian, 1946

Mathevotaenia brasiliensis Kugi et Sawada, 1970

Host and locality: *Saimiri sciureus*; Beppu City, Oita Pref.

Mathevotaenia boliviana Sawada et Harada, 1986

Host and locality: *Glossophaga soricina*; Pando, Bolivia

Genus *Mosgovoyia* Spassky, 1951

Mosgovoyia oitana Sawada et Kugi, 1974

Host and locality: *Lepus brachyurus*; Beppu City, Oita Pref.

Genus *Paranoplocephala* Lühe, 1910

Paranoplocephala indica Sawada et Papasarathorn, 1966

*Type host and type locality

- Host and locality : *Tapirus indicus*; Thailand
 Genus *Pseudanoplocephala* Baylis, 1927
Pseudanoplocephala nipponensis Hatsushika, Shimizu, Kawakami et Sawada, 1978
 Host and locality : *Sus scrofa leucomystax*; Niimi City, Okayama Pref.
- Family PROTEOCEPHALIDAE
 La Rue, 1911
 Genus *Crepidobothrium* Monticelli, 1900
Crepidobothrium macroacetabula Kugi et Sawada, 1972
 Host and locality : *Eunecta murinus*; Beppu City, Oita Pref.
- Family DILEPIDIDAE Railliet et Henry, 1909
 Genus *Amoebotaenia* Cohn, 1900
Amoebotaenia longirostellata Sawada et Kugi, 1976
 Host and locality : *Scolopax rusticola*; Beppu City, Oita Pref.
Amoebotaenia urotrichi Sawada et Harada, 1990
 Host and locality : *Urotrichus talpoides hondonis*; Ina City, Nagano Pref.
 Genus *Choanotaenia* Railliet, 1896
Choanotaenia shohoi Sawada, 1962
 Host and locality : *Gallus gallus domesticus*; Khartum, Sudan Africa
Choanotaenia macrocephala Sawada et Kugi, 1976
 Host and locality : *Scolopax rusticola*; Beppu City, Oita Pref.
Choanotaenia tubirostellata Sawada et Harada, 1989
 Host and locality : *Anourosorex squamipes*; Nantou County, Taiwan
 Genus *Dilepis* Weinland, 1858
Dilepis rostratulae Sawada et Kifune, 1974
 Host and locality : *Rostratula benghalensis*; Kurume City, Fukuoka Pref.
Dilepis longisaccata Sawada, Molan et Saeed, 1987
 Host and locality : *Sturans vulgaris*; Arbil, Iraq
 Genus *Kowalewskiella* Baczynska, 1914
Kowalewskiella grandihamata Sawada et Kugi, 1987
 Host and locality : *Trudus aureus aureus*; Oita City, Oita Pref.
- Family PARUTERININAE, Fuhrmann, 1906
 Genus *Biuterina* Fuhrmann, 1902
Biuterina diversihamata Sawada, Hassen et Saleen, 1994
 Host and locality : *Coracias garrulus*; Iraq
 Genus *Metroliasthes* Ransom, 1900
Metroliasthes coturnix Sawada et Funahashi, 1972
 Host and locality : *Coturnix coturnix japonica*; Toyohashi

- City, Aichi Pref.
- Family DIPHYLLOBOTHRIIDAE
Lühe, 1910
- Genus *Bothridium* Blainvilli, 1824
Bothridium orientalis Sawada et Kugi, 1973
Host and locality: *Python reticulatus*; Beppu City, Oita Pref.
- Bothridium longiovum* Sawada et Kugi, 1973
Host and locality: *Python molurus*; Beppu City, Oita Pref.
- Bothridium microdisciformis* Sawada et Kugi, 1973
Host and locality: *Python molurus*; Beppu City, Oita Pref.
- Bothridium longicephalum* Sawada et Kugi, 1973
Host and locality: *Python molurus*; Beppu City, Oita Pref.
- Bothridium sawadai* Sawada et Kugi, 1973
Host and locality: *Epicrates cenchris*; Beppu City, Oita Pref.
- Bothridium kugii* Sawada et Kugi, 1974
Host and locality: *Eunectes murinus*; Beppu City, Oita Pref.
- Genus *Scyphocephalus* Riggenbach, 1898
Scyphocephalus longus Sawada et Kugi, 1973
Host and locality: *Varanus salvator*; Beppu City, Oita Pref.
- Family HYMENOLEPIDIDAE
Railliet et Henry, 1909
- Genus *Coronacanthus* Spassky, 1954
Coronacanthus parvihatatus Sawada et Koyasu, 1990
Host and locality: *Sorex shinto shinto*; Ohmachi City, Nagano Pref.
- Genus *Dicranotaenia* Railliet, 1892
Dicranotaenia hiyodori Sawada et Kugi, 1981
Host and locality: *Hypsipetes amaurotis amaurotis*; Beppu City; Oita Pref.
- Dicranotaenia microcephala* Sawada, 1987
Host and locality: *Cygnus cygnus*; Urizura-machi, Ibaragi Pref.
- Genus *Diorchis* Clerc, 1903
Diorchis siamensis Sawada, 1980
Host and locality: *Anas* sp.; Thailand
- Genus *Ditestolepis* Sottys, 1952
Ditestolepis longicirrosa Sawada et Harada, 1990
Host and locality: *Sorex shinto shinto*; Ina City, Nagano Pref.
- Ditestolepis minuta* Sawada et Koyasu, 1991
Host and locality: *Sorex sadonis*; Sado Isl., Niigata Pref.
- Ditestolepis cyclocephala* Sawada et Koyasu, 1991
Host and locality: *Sorex sadonis*; Sado Isl., Niigata Pref.
- Ditestolepis grandiovarium* Sawada, Harada et Koyasu, 1992
Host and locality: *Sorex shinto shinto*; Shiramine-mura, Ishi-

- kawa Pref.
- Ditestolepis macrostrobila* Sawada et Harada, 1995
Host and locality: *Soriculus nigrescens*; Nepal
- Ditestolepis ezoensis* Sawada et Koyasu, 1991
Host and locality: *Sorex gracilimus*; Hokkaido
Genus *Echinocotyle* Blanchard, 1891
- Echinocotyle tashigi* Sawada, 1982
Host and locality: *Gallinago gallinago*; Daiwa-machi, Fukuoka Pref.
Genus *Haploparaxis* Clerc, 1903
- Haploparaxis chikugoensis* Sawada et Kifune, 1974
Host and locality: *Podiceps ruficollis poggei*; Tosu City, Saga Pref.
Genus *Hymenolepis* Weinland, 1858
- Hymenolepis parva* Sawada, 1967
Host and locality: *Rhinolophus ferrumequinum nippon*; Noko-giri-yama, Chiba Pref.
- Hymenolepis odaensis* Sawada, 1968
Host and locality: *Rhinolophus ferrumequinum nippon*; Oda-cho, Ehime Pref.
- Hymenolepis subrostellata* Sawada, 1970
Host and locality: *Rhinolophus ferrumequinum nippon*; Tai-shaku, Hiroshima Pref.
- Hymenolepis iriei* Sawada, 1972
Host and locality: *Rhinolophus ferrumequinum nippon*; Ohse, Kumamoto Pref.
- Hymenolepis tsuzurasensis* Sawada, 1972
Host and locality: *Rhinolophus ferrumequinum nippon*; Itukimura, Kumamoto Pref.
- Hymenolepis rashomonensis* Sawada, 1972
Host and locality: *Rhinolophus ferrumequinum nippon*; Kusama, Okayama Pref.
- Hymenolepis* (W.) *tenicollis* Sawada et Kugi, 1975
Host and locality: *Anas platyrhynchos platyrhynchos*; Beppu City, Oita Pref.
- Hymenolepis* (W.) *kyushuensis* Sawada et Kugi, 1980
Host and locality: *Phasianus sommeringii scintillans*; Yamagata-machi Oita Pref.
- Hymenolepis nishidai* Sawada, 1982
Host and locality: *Rhinolophus ferrumequinum nippon*; Honai-machi, Ehime Pref.
- Hymenolepis scotophili* Sawada et Harada, 1988
Host and locality: *Scotophilus kuhli*; Hsinchu City, Taiwan
- Hymenolepis dymecodontis* Sawada et Harada, 1990
Host and locality: *Dymecodon pilirostris*; Azumi-mura, Nagano Pref.
- Hymenolepis mogerae* Sawada et Koyasu, 1991
Host locality: *Mogera kobae*;

- Kasugai City, Aichi Pref.
Hymenolepis magnirostellata Sawada et Kaneno, 1992
 Host and locality: *Sorex unguiculatus*; Toyokoro-cho, Hokkaido
Hymenolepis rhinopomae Sawada et Mohammad, 1989
 Host and locality: *Rhinopoma microphyllum*; Handitha, Irup
 Genus *Insectivorolepis* Zarnowski, 1956
Insectivorolepis yoshidai Sawada, 1967
 Host and locality: *Rhinolophus ferrumequinum nippon*; Hidaosaka-cho, Gifu Pref.
Insectivorolepis takashii Sawada, 1968
 Host and locality: *Rhinolophus ferrumequinum nippon*; Mugegawa-cho, Gifu Pref.
Insectivorolepis niimiensis Sawada, 1970
 Host and locality: *Rhinolophus ferrumequinum nippon*; Niimi City, Okayama Pref.
Insectivorolepis okamotoi Sawada, 1970
 Host and locality: *Rhinolophus ferrumequinum nippon*; Niimi City, Okayama Pref.
Insectivorolepis osensis Sawada, 1972
 Host and locality: *Rhinolophus ferrumequinum nippon*; Kumamura, Kumamoto Pref.
Insectivorolepis araii Sawada, 1972
 Host and locality: *Rhinolophus ferrumequinum nippon*; Mifune-machi, Kumamoto Pref.
Insectivorolepis mukooyamai Sawada, 1986
 Host and locality: *Myotis natterei bombinus*; Rokunohe-machi, Aomori Pref.
 Genus *Lineolepis* Spassky, 1959
Lineolepis soriculi Sawada et Harada, 1995
 Host and locality: *Soliculus caudatus*; Nepal
Lineolepis brevis Sawada et Harada, 1995
 Host and locality: *Soriculus nigrescens*; Nepal
Lineolepis serrata Sawada et Harada, 1995
 Host and locality: *Soriculus nigrescens*; Nepal
 Genus *Mayhewia* Yamaguti, 1959
Mayhewia shibuei Sawada, 1975
 Host and locality: *Rostratula benghalensis*; Kurum City, Fukuoka Pref.
Mayhewia macrovata Sawada et Kugi, 1980
 Host and locality: *Anas platyrhynchos platyrhynchos*; Onomachi, Oita Pref.
 Genus *Oligorchis* Fuhrmann, 1906
Oligorchis brevihamata Sawada, 1975
 Host and locality: *Rhinolophus ferrumequinum nippon*; Kuji City, Iwate Pref.
 Genus *Passerilepis* Spassky et

- Spasskaja, 1954
Passerilepis acollaria Sawada, Molan et Saeed, 1987
 Host and locality: *Sturus vulgaris*; Arbil, Iraq
 Genus *Pseudodiorchis* Skrjabin et Mathevossian, 1948
Pseudodiorchis clavata Sawada, 1967
 Host and locality: *Miniopterus schreibersii fliginosus*; Kunitomi-cho, Miyazaki Pref.
 Genus *Sinuterilepis* Sadovskaja, 1965
Sinuterilepis ezoensis Sawada et Koyasu, 1995
 Host and locality: *Sorex caecutiens saevus*; Biratori-cho, Hokkaido
 Genus *Pseudhymenolepis* Joyeux et Baer, 1935
Pseudhymenolepis nepalensis Sawada et Koyasu, 1991
 Host and locality: *Suncus murinus*; Kathmandu, Nepal
Pseudhymenolepis japonica Sawada et Harada, 1991
 Host and locality: *Crocidura dsinezumi chisai*; Minabe-cho, Yamanashi Pref.
 Genus *Rodentolepis* Spassky, 1954
Rodentolepis macrotesticulata Sawada, 1971
 Host and locality: *Rhinolophus ferrumequinum nippon*; Niimi City, Okayama Pref.
Rodentolepis hattorii Sawada, 1978
 Host and locality: *Rhinolophus ferrumequinum nippon*; Mashike-cho, Hokkaido
 Genus *Raillietina* Fuhrmann, 1920
Raillietina (Paroniella) kashiwaensis Sawada, 1953
 Host and locality: *Gallus gallus domesticus*; Kashiwara City, Nara Pref.
Raillietina (Raillietina) peradenica Sawada, 1957
 Host and locality: *Gallus gallus domesticus*; Peradeniya, Sri Lanka
Raillietina (R.) tokyoensis Sawada, 1960
 Host and locality: *Columba livia domestica*; Tokyo To
Raillietina (R.) somalensis Sawada, 1971
 Host and locality: *Acryllium vulturinum*; Somalia
Raillietina (R.) toyohashiensis Sawada et Chikada, 1972
 Host and locality: *Numida galeata*; Toyohashi City, Aichi Pref.
Raillietina (R.) japonica Kugi et Sawada, 1972
 Host and locality: *Corvus levillanti*; Kitsugi, Oita Pref.
Raillietina (P.) dendrocopina Sawada et Kugi, 1974
 Host and locality: *Picoides kizuki*; Beppu City, Oita Pref.
Raillietina (Skrjabinia) polyhamata Sawada et Kugi, 1974
 Host and locality: *Numenius*

- phaeophus variegatus*; Kitakyushu City, Fukuoka Pref.
- Raillietina* (P.) *beppuensis* Sawada et Kugi, 1976
Host and locality: *Corvus levailantii*; Beppu City, Oita Pref.
- Raillietina* (R.) *kunisakiensis* Sawada et Kugi, 1979
Host and locality: *Treron sieboldii sieboldii*; Kunisaki-cho, Oita Pref.
- Raillietina* (R.) *oitaensis* Sawada et Kugi, 1980
Host and locality: *Accipiter gularis gularis*; Oita City, Oita Pref.
- Raillietina* (P.) *capoori* Srivastava et Sawada, 1980
Host and locality: *Francolinus pondicerianus*; Allahabad, India
- Raillietina* (R.) *francolini* Sawada et Mohammad, 1989
Host and locality: *Francolinus francolinus*; Attariya, Iraq
- Raillietina* (R.) *baghdadensis* Sawada et Mahammad, 1989
Host and locality: *Columa livia*; Baghdad, Iraq
Genus *Soricinia* Spassky et Spasskaja, 1954
- Soricinia japonica* Sawada et Koyasu, 1991
Host and locality: *Sorex unguiculatus*; Nakashibetsu-cho, Hokkaido
- Soricinia longisegmentalis* Sawada et Kobayashi, 1994
Host and locality: *Sorex araneus*; Novosibirsk, Russia
- Genus *Staphylocystis* Villot, 1877
- Staphylocystis* (*Staphylocystis*) *toyamaensis* Sawada et Harada, 1990
Host and locality: *Crocidura dsinezumi chisai*; Asahi-machi, Toyama Pref.
- Staphylocystis* (S.) *curiosihamata* Sawada et Koyasu, 1990
Host and locality: *Crocidura dsinezumi chisai*; Nyuzen-cho, Toyama Pref.
- Staphylocystis* (S.) *dsimezumi* Sawada et Koyasu, 1990
Host and locality: *Crocidura dsinezumi chisai*; Nyuzen-cho, Toyama Pref.
- Staphylocystis* (S.) *naganoensis* Sawada et Koyasu, 1990
Host and locality: *Crocidura dsinezumi chisai*; Ohno-cho, Nagano Pref.
- Staphylocystis* (S.) *delicata* Sawada et Koyasu, 1991
Host and locality: *Suncus murinus*; Meijentung, Taiwan
- Staphylocystis* (S.) *kathmanduensis* Sawada, Koyasu et Shrestha, 1993
Host and locality: *Suncus murinus*; Kathmandu, Nepal
- Staphylocystis* (S.) *trisuliensis* Sawada, Koyasu et Shrestha, 1993
Host and locality: *Suncus murinus*; Trisuli, Nepal
- Staphylocystis* (S.) *magnisaccus* Sawada et Ohno, 1993
Host and locality: *Suncus murinus*; Delhi, India

- Staphylocystis* (S.) *multihamata* 1980
Sawada et Ohno, 1993
Host and locality: *Suncus murinus*; Dehli, India
- Staphylocystis* (S.) *kunisakii* Sawada et Harada, 1995
Host and locality: *Soriculus leucops*; Myadgi, Nepal
Genus *Vamprolepis* Spassky, 1954
- Vamprolepis isensis* Sawada, 1966
Host and locality: *Rhinolophus ferrumequinum nippon*; Ise City, Mie Pref.
- Vamprolepis multihamata* Sawada, 1967
Host and locality: *Vespertilio superans*; Aizuwakamatu City, Fukushima Pref.
- Vamprolepis hidaensis* Sawada, 1967
Host and locality: *Rhinolophus ferrumequinum nippon*; Hidakayama-cho, Gifu Pref.
- Vamprolepis ogaensis* Sawada, 1974
Host and locality: *Rhinolophus ferrumequinum nippon*; Oga City, Akita Pref.
- Vamprolepis iwatensis* Sawada, 1975
Host and locality: *Rhinolophus ferrumequinum nippon*; Kuji City, Iwate Pref.
- Vamprolepis fujiensis* Sawada, 1978
Host and locality: *Rhinolophus ferrumequinum nippon*; Fujiyoshida City, Yamanashi Pref.
- Vamprolepis yoshiyukiae* Sawada, 1980
Host and locality: *Myotis frater kaguyae*; Oze, Gunma Pref.
- Vamprolepis ozensis* Sawada, 1980
Host and locality: *Plecotus auritus sacrimontis*; Oze, Gunma Pref.
- Vamprolepis minatoi* Sawada, 1983
Host and locality: *Miniopterus schreibersii fuliginosus*; Kamitonda-cho, Wakayama Pref.
- Vamprolepis iriomotensis* Sawada, 1983
Host and locality: *Rhinolophus imaizumii*; Iriomote Isl. Okinawa Pref.
- Vamprolepis taiwanensis* Sawada, 1984
Host and locality: *Miniopterus schreibersii fuliginosus*; Shinchung-township, Taiwan
- Vamprolepis macrostrobiloides* Sawada, 1984
Host and locality: *Hipposideros armiger terasensis*; Puli-township, Taiwan
- Vamprolepis tanegashimensis* Sawada, 1984.
Host and locality: *Myotis macrodactylus*; Tanegashima, Kagoshima Pref.
- Vamprolepis wakasensis* Sawada, 1984
Host and locality: *Myotis macrodactylus*; Kaminaka-cho, Fukui Pref.
- Vamprolepis copiamata* Sawada, Harada et Kobayashi, 1984

- Host and locality: *Tadarida plicata*; Sabah, East Malaysia
Vampirolepis haradai Sawada, Harada et Kobayashi, 1984
 Host and locality: *Miniopterus magnater*; Sabah, East Malaysia
Vampirolepis kobayashii Sawada, Harada et Kobayashi, 1984
 Host and locality: *Rhinolophus creaghi*; Sabah, East Malaysia
Vampirolepis tadaridae Sawada, Harada et Kobayashi, 1984
 Host and locality: *Tadarida plicata*; Sabah, East Malaysia
Vampirolepis curviamata Sawada et Harada, 1985
 Host and locality: *Rhinolophus marshalli*; Ching Mai, Thailand
Vampirolepis siamensis Sawada et Harada, 1985
 Host and locality: *Hipposideros armiger*; Khiri Khan, Thailand
Vampirolepis versiamata Sawada et Harada, 1985
 Host and locality: *Rhinolophus affinis*; Chaing Mai, Thailand
Vampirolepis longicollaris Sawada et Harada, 1985
 Host and locality: *Rhinolophus coelophyllus*; Chaing Mai, Thailand
Vampirolepis chaingmaiensis Sawada et Harada, 1985
 Host and locality: *Rhinolophus sthenos*; Chaing Mai, Thailand
Vampirolepis acollaris Sawada et Harada, 1985
 Host and locality: *Rhinolophus coelophyllus*; Chaing Mai, Thailand
Vampirolepis shirotanii Sawada, 1985
 Host and locality: *Rhinolophus ferrumequinum nippon*; Imajou-cho, Fukui Pref.
Vampirolepis longisaccata Sawada et Harada, 1986
 Host and locality: *Molossus molossus*; Santa Cruz, Bolivia
Vampirolepis santacurzensis Sawada et Harada, 1986
 Host and locality: *Molossus molossus*; Santa Cruz, Bolivia
Vampirolepis crassiamata Sawada et Harada, 1986
 Host and locality: *Molossus molossus*; Santa Cruz, Bolivia
Vampirolepis bihamata Sawada et Harada, 1986
 Host and locality: *Micronycteris minuta*; Pando, Bolivia
Vampirolepis pandonensis Sawada et Harada, 1986
 Host and locality: *Eptesicus furinalis*; Pando, Bolivia
Vampirolepis notoensis Sawada et Harada, 1986
 Host and locality: *Crocidura dsi-nezumi chisai*; Suzu City, Ishikawa Pref.
Vampirolepis amamiensis Sawada et Harada, 1986
 Host and locality: *Crocidura horsfield watasei*; Amami-oshima,

- Kagoshima Pref.
Vampirolepis kawasakiensis Sawada, 1986
 Host and locality: *Nyctalus lasiopterus aviator*; Kawasaki City, Kanagawa Pref.
- Vamlirolepis rikuchuensis* Sawada, 1987
 Host and locality: *Myotis hosonoi*; Ichinohe-cho, Iwate Pref.
- Vampirolepis kaguyae* Sawada, 1987
 Host and locality: *Myotis frater kaguyae*; Ichinohe-cho, Iwate Pref.
- Vampirolepis yakushimaensis* Sawada, 1987
 Host and locality: *Murina aurata ussuriensis*; Yakushima, Kagoshima Pref.
- Vampirolepis molani* Sawada et Molan, 1988
 Host and locality: *Pipistrellus kuhli*; Arbil, Iraq
- Vampirolepis iraqensis* Sawada et Molan, 1988
 Host and locality: *Taphazous nudiventris*; Bohylon, Iraq
- Vampirolepis ikezakii* Sawada, 1988
 Host and locality: *Rhinolophus cornutus cornutus*; Fukuejima, Nagasaki Pref.
- Vampirolepis stenocephala* Sawada, 1988
 Host and locality: *Nyctalus lasiopterus aviator*; Sannohe-cho, Iwate Pref.
- Vampirolepis uchimakiensis* Sawada, 1988
 Host and locality: *Myotis hosonoi*; Yamagata-mura, Iwate Pref.
- Vampirolepis brevihamata* Sawada, 1988
 Host and locality: *Myotis nattereri*; Ashibe-cho, Iwate Pref.
- Vampirolepis toohokuensis* Sawada, 1988
 Host and locality: *Nyctalus lasiopterus aviator*; Ashibe-cho, Iwate Pref.
- Vampirolepis brachysoma* Sawada et Harada, 1988
 Host and locality: *Hipposideros armiger terasensis*; Nantsun Li, Taiwan
- Vampirolepis formosana* Sawada et Harada, 1989
 Host and locality: *Anourosorex squamipes*; Kunyan, Taiwan
- Vampirolepis sunci* Sawada et Harada, 1989
 Host and locality: *Suncus murinus*; Kuanyin Tsun, Taiwan
- Vampirolepis magnihamata* Sawada et Harada, 1989
 Host and locality: *Anourosorex squamipes*; Kunyan, Taiwan
- Vampirolepis sessilihamata* Sawada et Harada, 1989
 Host and locality: *Suncus murinus*; Kuanyin Tsun, Taiwan
- Vampirolepis gracilistrobila* Sawada et Harada, 1989
 Host and locality: *Suncus murinus*; Kuanyin Tsun, Taiwan
- Vampirolepis mesopotamiana* Sawada

- da et Mohammad, 1989
Host and locality: *Asellia tridens murraiana*; Haditha, Iraq
- Vampirolepis urawaensis* Sawada, 1989
Host and locality: *Pipistrellus abramus*; Urawa City, Saitama Pref.
- Vampirolepis ezoensis* Sawada, 1990
Host and locality: *Eptesicus nilsoni parvus*; Kamishihorocho, Hokkaido
- Vampirolepis alishanensis* Sawada et Koyasu, 1991
Host and locality: *Anourosorex squamipes*; Alishan, Taiwan
- Vampirolepis microcolex* Sawada et Koyasu, 1991
Host and locality: *Suncus murinus*; Meijentung, Taiwan
- Vampirolepis jakounezumi* Sawada et Hasegawa, 1992
Host and locality: *Suncus murinus*; Okinawajima, Okinawa Pref.
- Vampirolepis okinawaensis* Sawada et Hasegawa, 1992
Host and locality: *Suncus murinus*; Okinawajima, Okinawa Pref.
- Vampirolepis hakusanensis* Sawada, Harada et Koyasu, 1992
Host and locality: *Sorex shinto shinto*; Shiramine-mura, Ishikawa Pref.
- Vampirolepis glischropi* Sawada et Yasuma, 1994
Host and locality: *Glischropus tylopus*; Mencimai, Indonesia
- Vampirolepis novosibirskensis* Sawada et Kobayashi, 1994
Host and locality: *Sorex araneus*; Novosibirsk, Russia
- Vampirolepis nepalensis* Sawada et Harada, 1995
Host and locality: *Soriculus nigrescens*; Ghorepani, Nepal
- Vampirolepis magniovifera* Sawada et Harada, 1995
Host and locality: *Soriculus nigrescens*; Ghorepani, Nepal
- Family DAVAINIDAE
Brawn, 1900
- Genus *Cotugnia* Diamare, 1893
- Cotugnia shohoi* Sawada, 1971
Host and locality: *Acryllium vulturnum*; Balad, Somalia
- Cotugnia paucitesticulata* Sawada et Mohammad, 1989
Host and locality: *Francolinus francolinus*; Attariya, Iraq
- Cotugnia attariyana* Sawada et Mohammad, 1989
Host and locality: *Francolinus francolinus*; Baghdad, Iraq
- Cotugnia fracolini* Sawada et Mohammad, 1989
Host and locality: *Francolinus francolinus*; Baghdad, Iraq
- Cotugnia iraqensis* Sawada et Mohammad, 1989
Host and locality: *Columba palumbus*; Baghdad, Iraq
- Cotugnia latiproglottina* Sawada, Molan et Saeed, 1990

Host and locality: *Alectoris kurdestanica*; Arbil, Iraq

Family HIMALAYIDAE

Malhotra, Sawada et

Capoor, 1983

Genus *Himalaya* Malhotra, Sawada et Capoor, 1983

Himalaya pauriensis Malhotra, Sawada et Capoor, 1983

Host and locality: *Oryctolagus cuniculus*; Grahwal Himalaya, India

Genus *Francolina* Capoor, Sawada, Bhalya et Rastogi, 1987

Francolina allahabadensis Capoor, Sawada, Bhalya et Rastogi, 1987

Host and locality: *Francolia pictus*; Allahabad, India

Family MESOCESTOIDAE

Fuhrmann, 1907

Genus *Mesocestoides* Vaillant, 1863

Mesocestoides paucitesticulus Sawada et Kugi, 1973

Host and locality: *Nyctereutes procyonoides*; Ehime Pref.

Family TAENIIDAE Ludwig, 1886

Genus *Paracladotaenia* Yamaguti, 1935

Paracladotaenia mustelae Sawada et Kugi, 1979

Host and locality: *Mustela sibirica*; Oita City, Oita Pref.

Paracladotaenia falcoris Sawada

et Kugi, 1980

Host and locality: *Falco peregrinus japonensis*; Saganoseki City, Oita Pref.

Genus *Multiceps* Goeze, 1782

Multiceps longihamatus Morishita et Sawada, 1966

Host and locality: *Homo sapiens*; Matsuzaka City, Mie Pref.

References

- 1) Capoor, V. N., Sawada, I., Bhalya, A. and Rastogi, A. (1987) An interesting Anoplocephalid cestode, *Francolina allahabadensis* gen. et sp. nov., of the family Himalayidae Malhotra, Sawada and Capoor, 1983, with revision of the family. Jpn. J. Parasitol., 36 : 125-127.
- 2) Hatsushika, R., Shimizu, M., Kawakami, S. and Sawada, I. (1978) On a new species of the genus *Pseudanoplocephala* Baylis, 1927 (Cestoda: Anoplocephalidae) from the wild boar in Japan. Jpn. J. Parasitol., 27 : 535-542.
- 3) Kugi, G. and Sawada, I. (1970) *Mathevotaenia brasiliensis* n. sp., a tapeworm from the squirrel monkey, *Saimiri sciureus*. Jpn. J. Parasitol., 19 : 467-470.
- 4) Kugi, G. and Sawada, I. (1972) A new cestode, *Raillietina (Paronielia) japonica* Jpn. J. Parasitol., 21 : 135-137.
- 5) Kugi, G. and Sawada, I. (1972) *Crepidobothrium macroacetabula* n. sp., a cestode from the anaconda, *Eunectes murinus*. Jpn. J. Parasitol., 16 : 181-183.

Check-List of New Cestode Species Recorded by Sawada

- 6) Malhotra, S. K., Sawada, I. and Capoor, V. N. (1983) *Himalaya paucariensis* gen. et sp. nov., as a representative of the family Himalayidae nov. with a revised definition of the order Anoplocephalidea. Jpn. J. Parasitol., 32 : 211-217.
- 7) Morishita, K. and Sawada, I. (1966) On tapeworm of the genus *Multiceps* hitherto unrecorded from man. Jpn. J. Parasitol., 15 : 495-501.
- 8) Sawada, I. (1953) Morphological studies on the fowl cestode, *Raillietina* (*Paroniella*) *kashiwarensis* n. sp. Zool. Mag., 62 : 179-185 (in Japanese with English abstract).
- 9) Sawada, I. (1957) *Raillietina* (*Raillietina*) *peradenica* n. sp. from a Ceylon domestic fowl, *Gallus gallus domesticus*. Jpn. J. med. Sci. & Biol., 10 : 243-246.
- 10) Sawada, I. (1960) *Raillietina* (*Raillietina*) *tokyoensis* n. sp. from a domestic pigeon, *Columba livia domestica*. Annot. zool. japon., 33 : 57-60.
- 11) Sawada, I. (1962) A new species of avian tapeworm belonging to the genus *Choanotaenia* Railliet, 1896. Annot. zool. japon., 35 : 47-50.
- 12) Sawada, I. (1966) On a new tapeworm, *Vampirolepis isensis*, found in bats with the table of the morphological features of tapeworms in *Vampirolepis*. Jpn. J. med. Sci. & Biol., 19 : 51-57.
- 13) Sawada, I. (1967) Helminth fauna of bats in Japan I. Annot. zool. japon., 40 : 61-66.
- 14) Sawada, I. (1967) Helminth fauna of bats in Japan II. Jpn. J. Parasitol., 16 : 103-106.
- 15) Sawada, I. (1968) Helminth fauna of bats in Japan V. Annot. zool. japon., 41 : 168-171.
- 16) Sawada, I. (1970) Helminth fauna of bats in Japan VI. Annot. zool. japon., 43 : 50-52.
- 17) Sawada, I. (1970) Helminth fauna of bats in Japan VII. Bull. Nara Univ. Educ., 19 (2) : 73-80.
- 18) Sawada, I. (1971) Two new avian cestodes, *Raillietina* (*Raillietina*) *somalensis* and *Cotugnia shohoi* from *Acryllium vulturinum* in Somalia. Jpn. J. Zool., 16 : 131-134.
- 19) Sawada, I. (1971) Helminth fauna of bats in Japan IX. Bull. Nara Univ. Educ., 20 (2) : 1-5.
- 20) Sawada, I. (1972) Helminth fauna of bats in Japan X. Annot. zool. japon., 45 : 22-28.
- 21) Sawada, I. (1972) Helminth fauna of bats in Japan XI. Bull. Nara Univ. Educ., 21 (2) : 27-30.
- 22) Sawada, I. (1972) Helminth fauna of bats in Japan XII. Annot. zool. japon., 45 : 245-249.
- 23) Sawada, I. (1974) Helminth fauna of bats in Japan XV. Annot. zool. japon., 47 : 103-106.
- 24) Sawada, I. (1975) Helminth fauna of bats in Japan XVI. Annot. zool. japon., 48 : 43-48.
- 25) Sawada, I. (1975) *Mayhewia shibuei* n. sp., a new cestode from the painted snipe, *Rostratula benghalensis*. Dr. B. S. Chauhan Comm. Vol., pp. 139-141.
- 26) Sawada, I. (1978) Helminth fauna of bats in Japan XIX. Annot. zool. japon., 51 : 155-163.
- 27) Sawada, I. (1980) A new species

- of cestode, *Diorchis siamensis* n. sp., from wild duck, *Anas* sp. in Thailand. Jpn. J. Parasitol., 29 : 83-86.
- 28) Sawada, I. (1980) Helminth fauna of bats in Japan XXII. Annot. zool. japon., 53 : 194-201.
- 29) Sawada, I. (1982) Helminth fauna of bats in Japan XXV. Annot. zool. japon., 55 : 26-31.
- 30) Sawada, I. (1982) *Echinocotyle tashigi* n. sp. from a common snipe, *Gallinago gallinago*. Himal. J. Sci., 2 : 1-3.
- 31) Sawada, I. (1983) Helminth fauna of bats in Japan XXIX. Annot. zool. japon., 56 : 209-220.
- 32) Sawada, I. (1984) Two new species of cestodes belonging to the genus *Vampirolepis* (Cyclophyllidea : Hymenolepididae) from cave bats of Taiwan. Zool. Sci., 1 : 327-331.
- 33) Sawada, I. (1984) Cestodes of bats from Japan, with descriptions of new species of the genus *Vampirolepis* (Cestoda : Hymenolepididae) Zool. Sci., 1 : 819-827.
- 34) Sawada, I. (1985) *Vampirolepis shirotanii* sp. n. (Cestoda : Hymenolepididae), with records of known cestodes from bats in Japan. Zool. Sci., 2 : 405-409.
- 35) Sawada, I. (1986) Two new hymenolepidid tapeworms, *Vampirolepis kawasakiensis* and *Insectivorelepis mukooyamai*, with records of known tapeworms from bats of Japan. Zool. Sci., 3 : 707-713.
- 36) Sawada, I. (1987) Further studies on cestodes of Japanese bats, with descriptions of three new species of the genus *Vampirolepis* (Cestoda : Hymenolepididae). Zool. Sci., 4 : 721-729.
- 37) Sawada, I. (1987) A new hymenolepidid cestode, *Dicranotaenia microcephala* from the whooper swan, *Cygnus cygnus*. Jpn. J. Parasitol., 36 : 268-270.
- 38) Sawada, I. (1988) A survey on cestodes from Japanese bats, with descriptions of five new species of the genus *Vampirolepis* (Cestoda : Hymenolepididae). Jpn. J. Parasitol., 37 : 156-168.
- 39) Sawada, I. (1989) *Vampirolepis urawaensis* sp. n. (Cestoda : Hymenolepididae), with records of known cestodes, from Japanese bats. Jpn. J. Parasitol., 38 : 226-231.
- 40) Sawada, I. (1990) *Vampirolepis ezoensis* sp. nov. (Cestoda : Hymenolepididae) from the Japanese northern bat, *Eptesicus nilssoni parvus* Kishida, with a list of known species of the genus *Vampirolepis* Spassky from bats. Jpn. J. Parasitol., 39 : 176-185.
- 41) Sawada, I. and Chikada, T. (1972) *Raillietina (Raillietina) toyohashiensis* n. sp. from a guinea fowl at Toyohashi Zoo. Jpn. J. Parasitol., 21 : 408-410.
- 42) Sawada, I. and Funabashi, F. (1972) A new avian cestode, *Metroliasthes coturnix* n. sp. from the intestine of a Japanese quail, with an avian cestode from a macaw. Jpn. J. Parasitol., 21 : 395-399.
- 43) Sawada, I. and Harada, M. (1985) A survey on bat cestodes from Thailand with descriptions of six new species. Zool. Sci., 2 : 271-283.

- 44) Sawada, I. and Harada, M. (1986)
Bat cestodes from Bolivia, South America, with descriptions of six new species. Zool. Sci., 2 : 367-377.
- 45) Sawada, I. and Harada, M. (1986)
Two new species of the *Vampirolepis* (Cestoda : Hymenolepididae) from Japanese shrews. Jpn. J. Parasitol., 35 : 171-174.
- 46) Sawada, I. and Harada, M. (1988)
Hymenolepis scotiphili sp. n. (Cestoda : Hymenolepididae) from a lesser yellow house bat, *Scotophilus kuhli* in Taiwan. Jpn. J. Parasitol., 37 : 441-443.
- 47) Sawada, I. and Harada, M. (1989)
Cestode parasites of some Taiwanese shrews. Zool. Sci., 6 : 377-385.
- 48) Sawada, I. and Harada, M. (1990)
Cestodes of field micromammals (Insectivora) from the central Honshu, Japan. Zool. Sci., 7 : 467-475.
- 49) Sawada, I. and Harada, M. (1990)
A new *Hymenolepis* species (Cestoda : Hymenolepididae) from the lesser Japanese shrew-mole, *Dymecodon pilirostris* of Nagano Prefecture, Japan. Proc. Japan. Soc. syst. Zool., (42) : 10-13.
- 50) Sawada, I. and Harada, M. (1991)
A new species of the genus *Pseudhymenolepis* (Cestoda : Hymenolepididae) from insectivora of central Japan, with a record of the known cestode species. Proc. Japan. Soc. syst. Zool., (44) : 8-14.
- 51) Sawada, I. and Harada, M. (1995)
Cestode parasites from some Nepalese mountain shrews. Jpn. J. Parasitol., 44 : 196-209.
- 52) Sawada, I. and Hasegawa, H. (1992)
Cestode parasites of insectivores on Okinawa Island, Japan. J. Ind. Econ., 6 : 31-36.
- 53) Sawada, I. and Kaneno, S. (1992)
Hymenolepis magnirostellata sp. nov. (Cestoda : Hymenolepididae), with records of the known cestodes from the shrews of Hokkaido. Jpn. J. Parasitol., 41 : 283-286.
- 54) Sawada, I. and Kifune, T. (1974)
A new species Anoplocephaline cestode from *Macaca irus*. Jpn. J. Parasitol., 23 : 366-368.
- 55) Sawada, I. and Kifune, T. (1974)
Studies on the helminth fauna of Kyushu. Part. 2. Four new cestodes from wild birds in Fukuoka Prefecture. Bull. Nara Univ. Educa., 23 (2) : 15-21.
- 56) Sawada, I. and Kobayashi, S. (1994)
Cestode parasites of some micromammals (Insectivora) from the adjacent area of Akademgorodok City, southern central Siberia and northern Teletskoye lake, Altai region, Russia. Proc. Japan. Soc. syst. Zool., (52) : 14-33.
- 57) Sawada, I. and Koyasu, K. (1990)
Further studies on cestodes from Japanese shrews. Bull. Nara Sangyo Univ., 6 : 187-201.
- 58) Sawada, I. and Koyasu, K. (1991)
Helminth fauna of shrews on Sado Island, Niigata Prefecture, Japan. Jpn. J. Parasitol., 40 : 86-91.
- 59) Sawada, I. and Koyasu, K. (1991)
Hymenolepis mogerae sp. nov. (Cestoda : Hymenolepididae) from the large Japanese mole, *Mogera kobeae* Thomas of Aichi Prefecture. Jpn. J. Parasitol., 40 : 267-269.

- 60) Sawada, I. and Koyasu, K. (1991) Cestodes of some micromammals (Insectivora) from Hokkaido, Japan. Jpn. J. Parasitol., 40 : 567-575.
- 61) Sawada, I. and Koyasu, K. (1991) *Pseudhymenolepis nepalensis* sp. nov. (Cestoda : Hymenolepididae) parasitic on the house shrew, *Suncus murinus* (Soricidae) from Nepal. Zool. Sci., 8 : 575-578.
- 62) Sawada, I. and Koyasu, K. (1991) Further studies on cestode parasites of Taiwanese shrews. Bull. Nara Sangyo Univ., 7 : 131-142.
- 63) Sawada, I. and Koyasu, K. (1995) *Sinuterilepis ezoensis* sp. nov. (Cestoda : Hymenolepididae) parasitic on *Sorex caecutiens saevus* from Hokkaido, Japan. Bull. Biogeogr. Soc. Japan, 50 : 15-17.
- 64) Sawada, I. and Kugi, G. (1973) A new cestode, *Mesocestoides paucitesticulus*, from a badger, *Nyctereutes procyonoides*, in Japan. Jpn. J. Parasitol., 22 : 45-47.
- 65) Sawada, I. and Kugi, G. (1973) On cestodes genus *Bothridium* obtained from reptiles died in the Anazonland at Beppu City during 1970. Bull. Nara Univ. Educ., 22(2) : 43-65.
- 66) Sawada, I. and Kugi, G. (1973) A new species of *Scyphocephalus* (Cestoda) from Malayan monitor, *Varanus salvator*. Jpn. J. Parasitol., 22 : 126-130.
- 67) Sawada, I. and Kugi, G. (1974) Studies on the helminth fauna of Kyushu. Part 1. Three new cestodes from wild birds and rabbit. Annot. zool. japon., 47 : 261-266.
- 68) Sawada, I. and Kugi, G. (1975) Studies on the helminth fauna of Kyushu. Part 3. Three species of Hymenolepididae cestodes from anserine birds in Oita Prefecture. Bull. Nara Univ. Educ., 24(2) : 5-11.
- 69) Sawada, I. and Kugi, G. (1976) Studies on the helminth fauna of Kyushu. Part 4. Cestode parasites of wild birds from Oita Prefecture. Annot. zool japon., 49 : 189-196.
- 70) Sawada, I. and Kugi, G. (1979) Studies on the helminth fauna of Kyushu. Part 5. Cestode parasites of wild mammals and birds from Oita Prefecture. Annot. zool. japon., 52 : 133-141.
- 71) Sawada, I. and Kugi, G. (1980) Studies on the helminth fauna of Kyushu. Part 6. Cestode parasites of wild birds from Oita Prefecture. Annot. zool. japon., 53 : 269-279.
- 72) Sawada, I. and Kugi, G. (1981) Studies on the helminth fauna of Kyushu. Part 7. Cestode parasites of wild birds and mammals from Oita Prefecture, Japan. Annot. zool japon., 54 : 256-258.
- 73) Sawada, I. and Kugi, G. (1987) Three new species of avian dilepidid cestodes from Oita Prefecture, Japan. Zool. Sci., 4 : 183-186.
- 74) Sawada, I. and Mohammad, M. K. (1989) Two new species of hymenolepidid cestodes from Iraqi bats, with record of a species of davaineidid cestode. Proc. Japan. syst. Zool., (39) : 1-7.
- 75) Sawada, I. and Mohammad, M. K. (1989) On some avian cestodes in Iraq. Bull. Nara Sangyo Univ., 5 : 179-186.

Check-List of New Cestode Species Recosded by Sawada

- 76) Sawada, I. and Molan, A. L. (1988)
Two new hymenolepidid cestodes,
Vampirolepis molae sp. n. and *V. ira-*
qensis sp. n. from Iraqi bats. Zool.
Sci., 5 : 483-487.
- 77) Sawada, I. and Ohono, N. (1993)
Some cestode parasites from the
Indian house musk shrew, *Suncus*
murinus. Jpn. J. Parasitol., 42 : 381-
387.
- 78) Sawada, I. and Papasarathorn, T.
(1966) *Paranoplocephala indicata* n.
sp. from the Malayan tapir, *Tapirus*
indicus. Jap. J. Zool., 15 : 125-128.
- 79) Sawada, I. and Yasuma, S. (1994)
Further studies on cestodes of the
bats from East Kalimantan, Indo-
nesia. Proc. Soc. syst. Zool., (50) :
61-65.
- 80) Sawada, I., Hassan, I. S. and Sal-
len, M. (1994) On cestode parasites
from Iraqi birds. Bull. Biogeogr. Soc.
Japan, 49 : 93-97.
- 81) Sawada, I. Harada, M. and Koba-
yashi, T. (1984) Studies on the ces-
tode fauna of bats from Sabah, East
Malaysia. Jpn. J. Parasitol., 33 : 515-
523.
- 82) Sawada, I., Harada, M. and Ko-
yasu, K. (1992) Helminth fauna of
shrews at the base of Mt. Hakusan
in Ishikawa Prefecture, Japan. Bull.
Nara Sangyo Univ., 8 : 153-164.
- 83) Sawada, I., Koyasu, K. and Shre-
stha, K. C. (1993) Two species of
the genus *Staphylocystis* (Cestoda :
Hymenolepididae) from the house
shrew, *Suncus murinus* in Nepal.
Zool. Sci., 10 : 147-154.
- 84) Sawada, I., Molan, A.L. and Saeed,
I. S. (1987) A survey on avian ces-
todes from Iraq with descriptions of
two new species. Jpn. J. Parasitol.,
36 : 417-423.
- 85) Sawada, I., Molan, A.L. and Saeed,
I. S. (1990) Further studies on avian
cestodes in Iraq. Jpn. J. Parasitol.,
39 : 36-41.
- 86) Srivastava, V. C. and Sawada, I.
(1980) A new cestode from the grey
partridge, *Francolinus pondicerianus*.
Annot. zool. japon., 53 : 120-123.