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**Supplementary table 1.** Fish-borne parasites of public health relevance belonging to the genera *Anisakis*, *Pseudoterranova*, *Contracaecum, Gnathostoma,* *Capillaria*, and *Heterophyes* with indication of the fish host and of the locality where they have been reported.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Disease** | **Parasite** | **Fish host** | **Site - Country** | **Reference** |
| Anisakidosis | *Anisakis simplex, Pseudoterranova decipiens* | *Osmerus eperlanus* | Elbe estuary - Germany | Moller and Klatt, 1988 |
| Anisakidosis | *Contracaecum* sp*.* | *Anguilla anguilla* | Burano and Fogliano lagoons - Italy | Kennedy *et al.,* 1997 |
| Anisakidosis | *Anisakis simplex* | *Mallotus villosus, Clupea harengus* | St. Lawrence estuary - Canada | Hays *et al.,* 1998 |
| Anisakidosis | *Anisakis simplex* | *Sander lucioperca* | Vistula Lagoon - Poland | Rolbiecki and Rokicki, 2000 |
| Anisakidosis | *Anisakis simplex, Contracaecum* sp. | *Conger conger* | Muros and Arousa estuaries - Spain | Sanmartin *et al.,* 2000 |
| Anisakidosis | *Contracaecum* sp. | *Anguilla anguilla* | Figheri, Acquatina and Comacchio lagoons - Italy | Di Cave *et al.,* 2001 |
| Anisakidosis | *Anisakis simplex* | *Clupea harengus* | Vistula Lagoon - Poland | Rolbiecki and Rokicki, 2002; Podolska and Nadolna, 2014 |
| Anisakidosis | *Contracaecum* sp. | *Mugil cephalus,* *Aldrichetta forsteri* | Inshore and estuarine habitats - Southwestern Australia | Lymbery *et al.* 2002 |
| Anisakidosis | *Anisakis* sp., *Contracaecum* sp. | *Barbus* spp.*, Cyprinus carpio, Liza abu, Aspius vorax* | Atash, Sobhanie, Al-hai, Houfel Lagoons - Iran | Farahnak *et al.* 2002 |
| Anisakidosis | *Anisakis* sp. | *Dicentrarchus labrax* | Oslo fjord - Norway | Sterud, 2002 |
| Anisakidosis | *Contracaecum* sp. | *Liza ramada,*  *Liza aurata* | Kishon Harbor and Ma’agan Michael - Israel | Dzikowski *et al.,* 2003 |
| Anisakidosis | *Contracaecum* sp. | *Dormitator latifrons* | Tres Palos Lagoon - Mexico | Garrido-Olvera *et al.,* 2004 |
| Anisakidosis | *Contracaecum* sp*.* | *Poecilia sphenops, Cichlasoma trimaculatum, Dormitator latifrons, Gobiomorus maculatus, Centropomus nigrescens, Gobionellus sagittula, Centropomus robalito, Diapterus peruvianus, Hexanematichthys guatemalensis, Lutjanus argentiventris, Mugil curema* | Tres Palos Lagoon - Mexico | Violante-González *et al.,* 2007 |
| Anisakidosis | *Contracaecum* sp*.* | *Cichlasoma trimaculatum, Centropomus nigrescens, Diapterus peruvianus, Lutjanus argentiventris, Poecilia sphenops, Dormitator latifrons, Mugil curema, Eleotris picta, Gobiomorus maculatus* | Coyuca Lagoon - Mexico | Violante-González and Aguirre-Macedo, 2007 |
| Anisakidosis | *Contracaecum* sp*.* | *Anguilla anguilla* | Ria de Aveiro estuary - Portugal | Hermida *et al.,* 2008 |
| Anisakidosis | *Contracaecum* sp*.* | *Brevoortia aurea, Paralichthys orbignyanis, Micropogonias furnieri* | Mar Chiquita Coastal lagoon - Argentina | Alarcos and Etchegoin, 2010 |
| Anisakidosis | *Anisakis* sp. | *Paralichthys orbignyanis, Micropogonias furnieri* | Mar Chiquita Coastal lagoon - Argentina | Alarcos and Etchegoin, 2010 |
| Anisakidosis | *Contracaecum* sp*.* | *Anguilla anguilla* | Santa Gilla lagoon - Italy | Culurgioni *et al.*, 2010 |
| Anisakidosis | *Contracaecum* sp*.* | *Fundulus heteroclitus* | Miramichi and Bouctouche rivers - Canada | Blanar *et al.,* 2011 |
| Anisakidosis | *Contracaecum osculatum* | *Blicca bjeorkna* | Anzali Lagoon - Iran | Pazooki *et al.,* 2011 |
| Anisakidosis | *Anisakis simplex, Contracaecum* sp*.* | *Coilia nasus* | Estuary Yangtze River - China | Li *et al.,* 2011 |
| Anisakidosis | *Anisakis* sp. | *Polydactylus macrochir* | Estuarine habitats - Australia | Moore *et al.,* 2012 |
| Anisakidosis | *Anisakis* sp., *Contracaecum* sp*.* | *Oncorhynchus* *tshawytscha* | Columbia River estuary - USA | Claxton *et al.,* 2013 |
| Anisakidosis | *Contracaecum* sp. | *Anguilla anguilla* | Urbino lagoon - France | Filippi *et al.,* 2013 |
| Anisakidosis | *Anisakis* sp., *Contracaecum* sp. | *Mugil cephalus* | Saloum and Senegal estuaries - Senegal | Dione *et al.,* 2014 |
| Anisakidosis | *Contracaecum* sp*.* | *Leptatherina wallacei* | Blackwood River -  Australia | Rashnavadi *et al.,* 2014 |
| Anisakidosis | *Anisakis simplex, Contracaecum* sp*.* | *Osmerus eperlanus* | Vistula Lagoon - Poland | Dziekonska-Rynko *et al.,* 2018 |
| Anisakidosis | *Contracaecum multipapillatum* | *Mugil cephalus* | lagoon system in Gulf of California - Mexico | Álvarez-Sánchez *et al.,* 2020 |
| Anisakidosis | *Contracaecum* sp. | *Odontesthes argentinensis* | Mar Chiquita Coastal lagoon - Argentina | Levy *et al.,* 2021 |
| Anisakidosis | *Contracaecum* sp. | *Mugil curema* | Mayor and Marvilla lagoons - Perù | Minaya *et al.,* 2021 |
| Anisakidosis | *Contracaecum* sp., *Pseudoterranova* sp. | *Lutjanus griseus* | Mecoacán lagoon system - Mexico | Rodríguez-Santiago *et al.,* 2022 |
| Anisakidosis | *Contracaecum* sp. | *Mugil curema* | Chautengo Lagoon - Mexico | Morales Martínez *et al.,* 2022 |
| Gnathostomiasis | *Gnathostoma spinigerum,* *Gnathostoma binucleatum* | *Arius guatemalensis, Dormitator latifrons, Gobiomorus* sp.*, Oreochromis* sp.*, Cichlasoma beani, Eleotris picta* | Sinaloa brackish water - Mexico | Diaz Camacho *et al.,* 2002 |
| Gnathostomiasis | *Gnatostoma* *binucleatum* | *Cathoropos fuerthii* | Agua Brava lagoon - Mexico | Leon-Regagnon *et al.*, 2002 |
| Gnathostomiasis | *Gnathostoma* sp. | *Dormitator latifrons* | Tres Palos Lagoon - Mexico | Garrido-Olvera *et al.,* 2004 |
| Gnathostomiasis | *Gnathostoma* sp. | *Cathorops fuerthii, Oreochromis mossambicus, Oreochromis niloticus, Eleotris* sp., *Centropomus nigrescens, Centropomus undecimalis* | Custodio (estuary), Chila (lagoon), Tres Palos (lagoon), Atasta (lagoon) - Mexico | Leon-Regagnon *et al.,* 2005 |
| Gnathostomiasis | *Gnathostoma* sp. | *Eleotris picta, Gobiomorus maculatus* | Coyuca Lagoon - Mexico | Violante-González and Aguirre-Macedo, 2007 |
| Gnathostomiasis | *Gnathostoma* sp. | *Eleotris picta, Gobiomorus maculatus* | Tres Palos Lagoon - Mexico | Violante-González *et al.,* 2007 |
| Gnathostomiasis | *Gnathostoma binucleatum* | *Cathorops fuerthii, Pomadasys macracanthus, Mugil curema, Dormitator latifrons* | Agua Brava lagoon - Mexico | Alvarez Guerrero and Alba-Hurtado, 2007 |
| Gnathostomiasis | *Gnathostoma binucleatum* | *Dormitator latifrons, Eleotris picta* | Tecualilla, Sinaloa State - Mexico | Diaz Camacho *et al.,* 2008 |
| Gnathostomiasis | *Gnathostoma nipponicum* | *Salangichthys microdon* | Hachirogata Lagoon - Japan | Korekawa *et al.,* 2019 |
| Capillariasis | *Capillaria philippinensis* | *Hypseleotris bipartita, Eleotris melanosoma, Chonophorus melanocephalus, Ambassis miops, Sicyopterus* sp. | lagoons in Northern Luzon - Philippines | Cross and Basaca-Sevilla, 1991 |
| Capillariasis | *Capillaria* sp. | *Chelon labrosus, Liza aurata, Mugil cephalus* | Mistras lagoon - Italy | Merella and Garippa, 2001 |
| Heterophyiasis | *Heterophyes heterophyes* | *Liza ramada,*  *Liza aurata* | Kishon Harbor and Ma’agan Michael -Israel | Dzikowski *et al.,* 2003 |
| Heterophyiasis | *Heterophyes nocens, Heterophyopsis continua* | *Lateolabrax japonicus, Mugil cephalus, Chelon haematocheilus, Acanthogobius flavimanus* | Jinju-man (Bay) - Korea | Kim e*t al.,* 2006 |
| Heterophyiasis | *Heterophyopsis continua* | *Epinephelus coioides Epinephelus bleekeri, Mugil cephalus* | Cua Be estuary in Nha Trang city - Vietnam | Vo *et al.,* 2008 |
| Heterophyiasis | *Heterophyes heterophyes* | *Mugil cephalus, Mugil capito, Mugil auratus, Tilapia nilotica, Tilapia zilli* | brackish waters - Egypt | Elsheikha and Elshazly, 2008;  Lobna *et al.,* 2010 |
| Heterophyiasis | *Heterophyes nocens, Heterophyopsis continua* | *Lateolabrax japonicus, Konosirus punctatus, Chelon haematocheilus, Acanthogobius flavimanus, Acanthopagrus schlegeli* | Muan-gun - Korea | Cho *et al.,* 2012 |
| Heterophyiasis | *Heterophyes heterophyes* | *Gobius niger* | Santa Gilla lagoon - Italy | Culurgioni *et al.,* 2014 |
| Heterophyiasis | *Heterophyes* sp. | *Chelon labrosus, Liza aurata, Liza ramada, Liza saliens, Mugil cephalus* | Mistras Lagoon -Italy | Masala *et al.,* 2016 |

# **References**

**Alarcos, AJ and Etchegoin, JA** (2010) Parasite assemblages of estuarine-dependent marine fishes from Mar Chiquita coastal lagoon (Buenos Aires Province, Argentina). *Parasitology Research* **107**, 1083-1091.

**Alvarez-Guerrero, C and Alba-Hurtado, F** (2007) Estuarine fish and turtles as intermediate and paratenic hosts of *Gnathostoma binucleatum* in Nayarit, México. *Parasitology Research* **102**, 117-122.

**Álvarez-Sánchez, AR, Méndez-Martínez, Y, Reyes-Pérez, JJ, Romo-Quiñonez, CR and Hernández-Zárate, G** (2020) Nematode parasites in the striped mullet (*Mugil cephalus* Linnaeus, 1758) in the southern Gulf of California. *Latin American Journal of Aquatic Research* **48**, 106-113. doi: 10.3856/vol48-issue1-fulltext-2326.

**Blanar, CA, Marcogliese, DJ and Couillard, CM** (2011) Natural and anthropogenic factors shape metazoan parasite community structure in mummichog (*Fundulus* *heteroclitus*) from two estuaries in New Brunswick, Canada. *Folia Parasitologica* **58**, 240-2488. doi: 10.14411/fp.2011.023.

**Cho, SH, Kim, IS, Hwang, EJ, Kim, TS, Na, BK and Sohn WM** (2012) Infection status of estuarine fish and oysters with intestinal fluke metacercariae in Muan-gun, Jeollanam-do, Korea. *Korean Journal of Parasitology* **50**, 215-220. doi: 10.3347/kjp.2012.50.3.215.

**Claxton, A, Jacobson, KC, Bhuthimethee, M, Teel, D and Bottom, D** (2013) Parasites in subyearling Chinook salmon (*Oncorhynchus tshawytscha*) suggest increased habitat use in wetlands compared to sandy beach habitats in the Columbia River estuary. *Hydrobiologia* **717**,27–39. doi: 10.1007/s10750-013-1564-z.

**Cross, JH and Basaca-Sevilla, V** (1991) *Capillariasis philippinensis*: a fish-borne parasitic zoonosis. *The Southeast Asian Journal of Tropical Medicine and Public Health* **22** Suppl, 153-157.

**Culurgioni, J, De Murtas, R and Figus, V** (2010) Helminth parasites of European eel *Anguilla anguilla* L. from St. Gilla lagoon (Sardinia, South western Mediterranean). *Ittiopatologia* **7**, 97-106.

**Culurgioni, J, Sabatini, A, De Murtas, R, Mattiucci, S and Figus, V** (2014) Helminth parasites of fish and shellfish from the Santa Gilla Lagoon in southern Sardinia, Italy. *Journal of Helminthology* **88**, 489-98. doi: 10.1017/S0022149X13000461.

**Diaz Camacho, SP, Willms, K, Ramos, MZ, del Carmen de la Cruz Otero, M, Nawa, Y and Akahane, H** (2002) Morphology of *Gnathostoma* spp. isolated from natural hosts in Sinaloa, Mexico. Parasitology Research 88, 639-645. doi: 10.1007/s00436-002-0636-1.

**Díaz Camacho, SP, de la Cruz-Otero, MdC., Zazueta-Ramos, ML, Bojórquez-Contreras, A, Sicairos-Félix, J, Campista-León, S, Guzmán-Loreto, R, Delgado-Vargas, F, León-Règagnon, V and Nawa, Y** (2008) Identification of estuarine fish *Dormitator latifrons* as an intermediate host and *Eleotris picta* as a paratenic host for *Gnathostoma binucleatum* in Sinaloa, Mexico. *Parasitology Research* **103,**1421–1425. doi: 10.1007/s00436-008-1151-9

**Di Cave, D, Berrilli, F, De Liberato, C, Orecchia, P and Kennedy, CR** (2001) Helminth communities in eels *Anguilla anguilla* from Adriatic coastal lagoons in Italy. *Journal of Helminthology* **75**, 7–13.

**Dione, EN, Diouf, M, Fall, J and Tidiane, CB** (2014)Seasonal and Spatial Distribution of Nematode Larvae of the Genera *Anisakis* and *Contracaecum* (Anisakidae) in Two Populations of *Mugil cephalus* (Mugilidae) from Saloum and Senegal Rivers. Journal of Biology and Life Science **5**, 41-56.

**Dziekońska-Rynko, J, Mierzejewska, K, Kubiak, K, Rydzewska, M and Hliwa, P** (2018)Helminths of European smelt *Osmerus eperlanus* (Linnaeus, 1758) in Lake Hańcza and the Vistula Lagoon, with special regard to their zoonotic threats, *Acta Veterinaria Hungarica* **66**, 96-106.

**Dzikowski, R, Paperna, I and Diamant, A** (2003) Use of fish parasite species richness indices in analyzing anthropogenically impacted coastal marine ecosystems. Helgoland Marine Research 57, 220–227. doi: 10.1007/s10152-003-0138-2.

**Elsheikha, HM and Elshazly, AM** (2008) Host-dependent variations in the seasonal prevalence and intensity of heterophyid encysted metacercariae (Digenea: Heterophyidea) in brackish water fish in Egypt. *Veterinary Parasitology* **153**, 65-72. https://doi.org/10.1016/j.vetpar.2008.01.026.

**Farahnak, A, Mobedi, I and Tabibi, R** (2002) Fish Anisakidae Helminthes in KHuzestan Province, South West of Iran. *Iranian Journal of Public Health* **31**, 129-132.

**Filippi, JJ, Quilichini, Y, Foata, J and Marchand, B** (2013)Influence of site, season, silvering stage, and length on the parasites of the European eel *Anguilla anguilla* in two Mediterranean coastal lagoons of the island of Corsica, France using indicator species method. *Parasitology Research* **112**, 2959–2969.

**Garrido-Olvera, L, García-Prieto, L and Mendoza-Garfias, B** (2004) Helminth Parasites of the Pacific Fat Sleeper, *Dormitator latifrons* (Richardson, 1844) (Osteichthyes: Eleotridae) from Tres Palos Lagoon, Guerrero, Mexico.*The American Midland Naturalist* **151**, 165-169. doi: 10.1674/0003-0031(2004)151[0165:HPOTPF]2.0.CO;2.

**Hays, R, Measures, LN and Huot, J** (1998) Euphausiids as intermediate hosts of *Anisakis simplex* in the St. Lawrence estuary. *Canadian Journal of Zoology*. **76**, 1226-1235. doi: 10.1139/z98-052

**Hermida, M, Saraiva, A and Cruz, C** (2008) Metazoan parasite community of a European eel (*Anguilla anguilla*) population from an estuary in Portugal. *Bulletin of the European Association of Fish Pathologists* **28**, 35-40.

**Kennedy, CR, Di Cave, D, Berrilli, F and Orecchia, P** (1997)Composition and structure of helminth communities in eels *Anguilla anguilla* from Italian coastal lagoons. *Journal of Helminthology* **71**, 35–40.

**Kim, DG, Kim, TS, Cho, SH, Song, HJ and Sohn, WM** (2006) Heterophyid metacercarial infections in brackish water fishes from Jinju-man (Bay), Kyongsangnam-do, Korea. *Korean Journal of Parasitology* **44**, 7-13. doi: 10.3347/kjp.2006.44.1.7.

**Korekawa, A, Nakajima, K, Makita, E, Aizu, T, Hara, K, Maruyama, H, Morishima, Y, Nakano, H and Sawamura, D** (2019) Two cases of cutaneous gnathostomiasis after eating raw *Salangichthys microdon* (icefish, shirauo). *Journal of Dermatology* **46**, 791-793. doi: 10.1111/1346-8138.15002

**León-Règagnon, V, Osorio-Sarabia, D, García-Prieto, L, Akahane, H, Lamothe-Argumedo, R, Koga, M, Messina-Robles, M and Alvarez-Guerrero, C** (2002) Study of the ethiological agent of gnathostomosis in Nayarit, Mexico. *Parasitology International* **51**, 201-214. doi: 10.1016/s1383-5769(02)00014-4.

**León-Règagnon, V, Osorio-Sarabia, D, García-Prieto, L, Lamothe-Argumedo, R, Bertoni-Ruiz, F and Oceguera-Figueroa, A** (2005) New host records of the nematode *Gnathostoma* sp. in Mexico. *Parasitology International* **54**, 51-53. doi: 10.1016/j.parint.2004.10.001.

**Levy, E, Canel, D, Rossin, MA, González-Castro, M and Timi, JT** (2021) Parasite assemblages as indicators of an incipient speciation process of *Odontesthes argentinensis* in an estuarine environment. *Estuarine, Coastal and Shelf Science* **250**, 107168.

**Li, WX, Song, R, Wu, SG, Zou, H, Nie, P and Wang, GT** (2011) Seasonal occurrence of helminths in the anadromous fish *Coilia nasus* (Engraulidae): parasite indicators of fish migratory movements. *Journal of Parasitology* **97**, 192-6. doi: 10.1645/GE-2621.1.

**Lobna, SM, Metawea, YF and Elsheikha, HM** (2010) Prevalence of heterophyiosis in Tilapia fish and humans in Northern Egypt. *Parasitology Research* **107**, 1029-1034. doi: 10.1007/s00436-010-1976-x.

**Lymbery, AJ, Doupe´, RG, Munshi, MA and Wong, T** (2002) Larvae of *Contracaecum* sp. among inshore fish species of southwestern Australia. *Diseases of Aquatic Organisms* **51**,157–159.

**Masala, S, Piras, MC, Sanna, D, Chai, JY, Jung, BK, Sohn, WM, Garippa, G and Merella, P** (2016) Epidemiological and molecular data on heterophyid trematode metacercariae found in the muscle of grey mullets (Osteichthyes: Mugilidae) from Sardinia (western Mediterranean Sea). *Parasitology Research* **115,**3409–3417. doi: 10.1007/s00436-016-5101-7.

**Merella, P and Garippa, G** (2001) Metazoan parasites of grey mullets (Teleostea: Mugilidae) from the Mistras Lagoon (Sardinia, western Mediterranean). *Scientia Marina* **65**, 201-206.

**Minaya, D, Iannacone, J, Alvariño, L and Cepeda, C** (2021) Metazoan parasites of white mullet *Mugil curema* Valenciennes, 1836 (Perciformes, Mugilidae) from the wetlands of Pantanos de Villa, Lima, Perù. *Pan-American Journal of Aquatic Sciences* **16**, 150-160.

**Moore, BR, Welch, DJ, Newman, SJ and Lester, RJ** (2012) Parasites as indicators of movement and population connectivity of a non-diadromous, tropical estuarine teleost: king threadfin *Polydactylus macrochir*. *Journal of Fish Biology* **81**, 230-252. doi: 10.1111/j.1095-8649.2012.03335.x.

**Morales Martínez, CA, Muñoz García, C, Figueroa Delgado, A, Chávez Güitrón, L, Osorio Sarabia, D, Saavedra-Montañez, M, Rubio Muñoz, JM, Martínez, MJJ and Villalobos, N** (2022) Parasite Identification in Mullet Fish (*Mugil curema*) from Chautengo Lagoon, Guerrero, Mexico, Based on Morphology and Molecular Analysis. doi: 10.2139/ssrn.4050357

**Moller, H and Klatt, S** (1988) The role of smelt as transmitter of sealworm *Pseudoterranova decipiens* in the Elbe estuary. *International Council for the Exploration of the Sea* **13**, 1-14.

**Pazooki, J, Goorabzarmakhi, FT and Masoumian, M** (2011) Parasitic Infection of an Endemic Fish (*Blicca bjoerkna*) and an Exotic Fish (*Hemiculter beucisculus*) In Anzali Lagoon, Caspian Sea, Iran. *Iran Journal of Parasitology* **6**, 66-73.

**Podolska, M and Nadolna, K** (2014) Acetylcholinesterase secreted by *Anisakis simplex* larvae (Nematoda: Anisakidae) parasitizing herring, *Clupea harengus*: an inverse relationship of enzyme activity in the host–parasite system. *Parasitology Research* **113,**2231–2238. doi: 10.1007/s00436-014-3878-9

**Rashnavadi, M, Lymbery, AJ, Beatty, SJ and Morgan, DL** (2014)Ecological response of an estuarine atherinid to secondary salinisation in south-western Australia. *Journal of the Royal Society of Western Australia* **97**, 343-353.

**Rodríguez-Santiago, MA, Ramos-Colorado, L, García-Magaña, L, Grano-Maldonado, MI, Iannacone, J and Vázquez-Caballero, A** (2022) Parasite community analysis of the gray snapper *Lutjanus griseus* (Perciformes, Lutjanidae) in a tropical region of the Southern Gulf of Mexico. *Helminthologia* **59**, 94-103. doi: 10.2478/helm-2022-0003.

**Rolbiecki, J and Rokicki, J** (2000) The occurrence of the nematodes anisakis simplex pathogenic to man in pike-perch from the Vistula Lagoon, Poland. *Wiadomości parazytologiczne***46**, 397-402.

**Rolbiecki, J and Rokicki, J** (2002) III-stage *Anisakis simplex* (Rudolphi, 1809) (Nematoda; Anisakidae) larvae in herring caught in autumn from the Polish part of the Vistula Lagoon. *Acta Scientiarum Polonorum* **1**, 105-110.

**Sanmartı́n, ML, Alvarez, MF, Peris, D, Iglesias, R and Leiro, J** (2000) Helminth parasite communities of the conger eel in the estuaries of Arousa and Muros (Galicia, north-west Spain). *Journal of Fish Biology* **57**, 1122–1133. doi:10.1006/jfbi.2000.1377.

**Sterud, E** (2002) Parasites of wild sea bass *Dicentrarchus labrax* from Norway. *Diseases of Aquatic Organisms* **48**, 209-212. doi: 10.3354/dao048209.

**Violante-González, J and Aguirre-Macedo, ML** (2007) Metazoan parasites of fishes from Coyuca Lagoon, Guerrero, Mexico. *Zootaxa* **1531**, 39–48.

**Violante-González, J, Aguirre-Macedo, ML and Mendoza-Franco, EF** (2007) A checklist of metazoan parasites of fish from Tres Palos Lagoon, Guerrero, Mexico. *Parasitology Research* **102**, 151-161. doi: 10.1007/s00436-007-0733-2.

**Vo, DT, Murrell, D, Dalsgaard, A, Bristow, G, Nguyen, DH, Bui, TN and Vo, DT** (2008) Prevalence of zoonotic metacercariae in two species of grouper, *Epinephelus coioides* and *Epinephelus bleekeri*, and flathead mullet, *Mugil cephalus*, in Vietnam. *Korean Journal of Parasitology* **46**, 77-82. doi: 10.3347/kjp.2008.46.2.77.