**Supplementary Table S4.** Infection status of *Metagonimus* spp.metacercariae (MsMc) in fish from Soyang-cheon (stream)in Wanju-gun, Jeollabuk-do, Korea

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Locality (Year) and fish sp. | No. fish examined | No. (%) fish infected | No. MsMc detected | |
| Range | Average |
| ⑰-1. (2012~2015) | | | | |
| *Pungtungia herzi* | 126 | 40 (31.7) | 1-7 | 2.0 |
| *Zacco temminckii* | 80 | 46 (57.5) | 1-27 | 3.7 |
| *Odontobutis platycephala* | 65 | 7 (10.8) | 1-2 | 1.1 |
| *Pseudogobio esocinus* | 56 | 17 (30.4) | 1-22 | 5.6 |
| *Zacco platypus* | 48 | 27 (56.3) | 1-19 | 6.6 |
| *Hemibarbus longirostris* | 43 | 20 (46.5) | 1-6 | 2.6 |
| *Carassius auratus* | 32 | 3 (9.4) | 1-2 | 1.3 |
| *Acheilognathus yamatsutae* | 13 | 1 (7.7) | - | 1.0 |
| *Acanthorhodeus gracilis* | 13 | 2 (15.4) | 2-7 | 4.5 |
| *Sarcocheilichthys variegatus* | 7 | 4 (57.1) | 2-3 | 2.5 |
| *Acanthorhodeus macropterus* | 6 | 6 (100) | 2-6 | 4.3 |
| *Opsariichthys uncirostris* | 1 | 1 (100) | - | 6.0 |
| Subtotal | 490 | 174 (35.5) | 1-27 | 3.7 |
| ⑰-2. (2018, 2019) | | | | |
| *Pungtungia herzi* | 87 | 12 (13.8) | 1-12 | 2.5 |
| *Zacco platypus* | 80 | 65 (81.3) | 1-36 | 8.7 |
| *Pseudogobio esocinus* | 68 | 13 (19.1) | 1-6 | 1.8 |
| *Odontobutis platycephala* | 57 | 14 (24.6) | 1-6 | 2.0 |
| *Hemibarbus longirostris* | 52 | 4 (7.7) | 1-3 | 1.5 |
| *Zacco koreanus* | 28 | 25 (89.3) | 1-890 | 90.4 |
| *Coreoperca herzi* | 23 | 2 (8.7) | - | 1.0 |
| *Gnathopogon strigatus* | 11 | 8 (72.7) | 1-3 | 1.5 |
| *Coreoleuciscus splendidus* | 4 | 3 (75.0) | 1-2 | 1.3 |
| *Koreocobitis naktongensis* | 4 | 1 (25.0) | - | 1.0 |
| *Squalidus chankaensis* | 3 | 1 (33.3) | - | 2.0 |
| *Acheilognathus koreensis* | 3 | 1 (33.3) | - | 1.0 |
| *Misgurnus anguillicaudatus* | 2 | 1 (50.0) | - | 1.0 |
| *Zacco temminckii* | 1 | 1 (100) | - | 3.0 |
| *Rhynchocypris oxycephalus* | 1 | 1 (100) | - | 2.0 |
| Subtotal | 424 | 152 (35.9) | 1-890 | 19.3 |
| Total | 914 | 326 (35.7) | 1-890 | 11.0 |

Uninfected fish species (No. of fish examined): ⑰-1. *C. herzi* (68), *P. koreanus* (35), *A. lanceolatus* (10), *P. nigra* (2), *C. carpio* (1) and *M. anguillicaudatus* (1); ⑰-2. *P. fulvidraco* (10), *P. koreanus* (10), *I. longicorpa* (9), *H. nipponensis* (3), *S. variegatus* (2), *S. scherzeri* (2), *C. auratus* (2), *M. salmoides* (1), *A. rhombeus* (1) and *C. sinensis* (1).