**Supplementary Table S6.** Infection status of *Metagonimus* spp.metacercariae (MsMc) in fish from Tamjin-gang in Jeollanam-do, Korea

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Locality (Year) and fish sp. | No. fish examined | No. (%) fish infected | No. MsMc detected | |
| Range | Average |
| ㉑-1. Tamjin-gang in Jangheung-gun (2014~2016) | | | | |
| *Zacco temminckii* | 90 | 85 (94.4) | 1-434 | 42.0 |
| *Pungtungia herzi* | 85 | 37 (43.5) | 1-20 | 2.5 |
| *Zacco platypus* | 77 | 62 (80.5) | 1-140 | 23.3 |
| *Carassius auratus* | 75 | 51 (68.0) | 1-924 | 155.8 |
| *Pseudogobio esocinus* | 74 | 61 (82.4) | 1-86 | 13.2 |
| *Coreoperca kawamebari* | 51 | 30 (58.8) | 1-61 | 14.3 |
| *Hemibarbus longirostris* | 45 | 37 (82.2) | 1-45 | 8.9 |
| *Plecoglossus altivelis* | 40 | 39 (97.5) | 1-5,320 | 1,290 |
| *Sarcocheilichthys variegatus* | 31 | 9 (29.0) | 1-7 | 1.9 |
| *Odontobutis platycephala* | 30 | 6 (20.0) | 1-8 | 3.5 |
| *Acheilognathus lanceolatus* | 27 | 1 (3.7) | - | 2.0 |
| *Sarcocheilichthys nigripinnis* | 19 | 5 (26.3) | 1-13 | 9.8 |
| *Acanthorhodeus gracilis* | 10 | 9 (90.0) | 14-55 | 35.3 |
| *Siniperca scherzeri* | 6 | 1 (16.7) | - | 1.0 |
| *Hemiculter eigenmanni* | 6 | 2 (33.3) | - | 4.0 |
| *Coreoperca herzi* | 6 | 2 (33.3) | - | 1.0 |
| *Acheilognathus rhombeus* | 5 | 5 (100) | 21-1,400 | 501.0 |
| *Squalidus gracilis majimae* | 3 | 3 (100) | 1-5 | 2.7 |
| Subtotal | 680 | 445 (65.4) | 1-5,320 | 152.5 |
| ㉑-2. Tamjin-gang in Jangheung-gun (2017~2019) | | | | |
| *Pungtungia herzi* | 124 | 41 (33.1) | 1-12 | 2.8 |
| *Zacco temminckii* | 119 | 112 (94.1) | 1-2,460 | 112.8 |
| *Zacco platypus* | 114 | 98 (86.0) | 1-762 | 26.1 |
| *Carassius auratus* | 87 | 33 (37.9) | 1-55 | 7.3 |
| *Acheilognathus lanceolatus* | 63 | 2 (3.2) | - | 1.0 |
| *Hemibarbus longirostris* | 55 | 23 (41.8) | 1-8 | 2.3 |
| *Coreoperca kawamebari* | 54 | 3 (5.6) | 1-5 | 2.3 |
| *Pseudogobio esocinus* | 53 | 30 (56.6) | 1-53 | 5.9 |
| *Acheilognathus rhombeus* | 46 | 10 (22.0) | 1-4 | 1.3 |
| *Sarcocheilichthys variegatus* | 43 | 15 (34.9) | 1-3 | 1.7 |
| *Odontobutis platycephala* | 41 | 6 (14.6) | 1-3 | 1.8 |
| *Coreoperca herzi* | 26 | 5 (19.2) | 1-12 | 3.4 |
| *Lepomis macrochirus* | 24 | 8 (33.3) | 1-3 | 1.5 |
| *Pseudorasbora parva* | 21 | 1 (4.8) | - | 1.0 |
| *Sarcocheilichthys nigripinis* | 16 | 6 (37.5) | 1-21 | 6.8 |
| *Cyprinus carpio* | 17 | 1 (5.9) | - | 1.0 |
| *Ladislabia taczanowskii* | 15 | 8 (53.3) | 1-2 | 1.3 |
| *Plecoglossus altivelis* | 14 | 14 (100) | 80-5,280 | 1,476 |
| *Hemiculter eigenmanni* | 4 | 3 (75.0) | 5-22 | 11.3 |
| *Acheilognathus yamatsutae* | 3 | 2 (66.7) | 4-5 | 4.5 |
| *Acanthorhodeus gracilis* | 1 | 1 (100) | - | 1.0 |
| Subtotal | 940 | 422 (48.1) | 1-5,280 | 63.1 |
| ㉒ Tamjin-gang in Gangjin-gun (2014, 2017) | | | | |
| *Zacco platypus* | 75 | 70 (93.3) | 1-58 | 8.1 |
| *Pungtungia herzi* | 70 | 23 (32.9) | 1-8 | 2.4 |
| *Carassius auratus* | 62 | 54 (87.1) | 1-780 | 38.1 |
| *Pseudogobio esocinus* | 51 | 41 (80.4) | 1-20 | 5.4 |
| *Plecoglossus altivelis* | 40 | 40 (100) | 26-4,280 | 841 |
| *Sarcocheilichthys nigripinis* | 33 | 14 (42.4) | 1-17 | 3.2 |
| *Acanthorhodeus macropterus* | 28 | 12 (42.9) | 1-10 | 3.2 |
| *Zacco temminckii* | 26 | 25 (96.2) | 1-875 | 110.3 |
| *Odontobutis platycephala* | 26 | 5 (19.2) | 1-6 | 2.8 |
| *Coreoperca kawamebari* | 25 | 9 (36.0) | 1-5 | 1.9 |
| *Hemibarbus longirostris* | 24 | 19 (79.2) | 1-15 | 4.9 |
| *Sarcocheilichthys variegatus* | 20 | 3 (15.0) | 2-4 | 3.0 |
| *Acheilognathus rhombeus* | 9 | 9 (100) | 2-67 | 25.8 |
| *Lateolabrax japonicus* | 2 | 2 (100) | 1-4 | 2.5 |
| Subtotal | 49 | 326 (66.4) | 1-4,280 | 121.1 |
| Total | 2,111 | 1,193 (56.5) | 1-5,320 | 112.3 |

Uninfected fish species (No. of fish examined): ㉑-1. *A. yamatsutae* (20), *M. salmoides* (8) and *A. koreensis* (4); ㉑-2. *M. salmoides* (20), *Acheilognathus koreensis* (6), *O. obscurus* *interrupta* (5) and *S. gracilis majimae* (1); ㉒ *A. lanceolatus* (22), *C. herzi* (3) and *M. cephalus* (1).