**Supplementary Table S8.** Infection status of *Metagonimus* spp.metacercariae (MsMc) in fish from Seomjin-gang (middle reaches) in Jeollanam-do, Korea

|  |  |  |  |
| --- | --- | --- | --- |
| Locality (Year) and fish sp. | No. fish examined | No. (%) fish infected | No. MsMc detected |
| Range | Average |
| ㉖-1. Seomjin-gang in Gokseong-gun (2015, 2016) |
| *Zacco koreanus* |  | 41 (78.9) | 1-124 | 18.0 |
| *Zacco platypus* | 43 | 43 (100) | 1-130 | 23.4 |
| *Coreoleuciscus splendidus* | 37 | 15 (40.5) | 1-6 | 1.9 |
| *Sarcocheilichthys variegatus* | 31 | 21 (67.7) | 1-15 | 3.8 |
| *Squalidus japonicus coreanus* | 27 | 22 (81.5) | 1-10 | 2.7 |
| *Pungtungia herzi* | 22 | 13 (59.1) | 1-5 | 2.3 |
| *Hemibarbus longirostris* | 20 | 19 (95.5) | 1-33 | 12.0 |
| *Microphysogobio koeensis* | 16 | 8 (50.0) | 1-4 | 2.4 |
| *Pseudogobio esocinus* | 16 | 13 (81.3) | 1-65 | 12.9 |
| *Coreoperca herzi* | 11 | 2 (18.2) | 2-5 | 3.5 |
| *Acheilognathus majusculus* | 6 | 4 (66.7) | 3-9 | 5.0 |
| *Plecoglossus altivelis* | 3 | 2 (66.7) | 1,370-4,380 | 2,875 |
| *Hemibarbus labeo* | 2 | 2 (100) | 2-9 | 5.5 |
| *Opsariichthys uncirostris* | 2 | 2 (100) | 11-762 | 386.5 |
| Subtotal | 288 | 207 (71.9) | 1-4,380 | 43.1 |
| ㉖-2. Seomjin-gang in Gokseong-gun (2018~2020) |
| *Zacco platypus* | 115 | 105 (91.3) | 1-454 | 45.8 |
| *Zacco koreanus* | 103 | 78 (75.7) | 1-123 | 13.8 |
| *Squalidus japonicus coreanus* | 72 | 34 (47.2) | 1-20 | 3.0 |
| *Pseudogobio esocinus* | 53 | 44 (83.0) | 1-833 | 70.3 |
| *Pungtungia herzi* | 44 | 23 (52.3) | 1-17 | 3.4 |
| *Coreoleuciscus splendidus* | 35 | 11 (31.4) | 1-21 | 5.0 |
| *Sarcocheilichthys variegatus* | 34 | 10 (29.4) | 1-48 | 7.1 |
| *Squalidus chankaensis* | 29 | 26 (89.7) | 1-10 | 2.9 |
| *Hemibarbus longirostris* | 27 | 23 (85.2) | 1-65 | 16.6 |
| *Acheilognathus majusculus* | 20 | 10 (50.0) | 1-21 | 6.1 |
| *Coreoperca herzi* | 19 | 7 (36.8) | 1-3 | 1.7 |
| *Sarcocheilichthys nigripinnis* | 18 | 7 (38.9) | 1-9 | 3.7 |
| *Plecoglossus altivelis* | 16 | 5 (31.3) | 1-16 | 7.0 |
| *Acheilognathus yamatsutae* | 15 | 9 (60.0) | 1-14 | 5.3 |
| *Siniperca scherzeri* | 10 | 1 (10.0) | - | 2.0 |
| *Hemibarbus labeo* | 8 | 1 (12.5) | - | 1.0 |
| *Acheilognathus rhombeus* | 4 | 3 (75.0) | 1-7 | 3.0 |
| *Microphysogobio koreensis* | 1 | 1 (100) | - | 6.0 |
| *Lepomis macrochirus* | 1 | 1 (100) | - | 4.0 |
| Subtotal | 624 | 399 (63.9) | 1-833 | 25.0 |
| ㉗ Seomjin-gang in Gurye-gun (2014, 2020) |
| *Zacco platypus* | 48 | 48 (100) | 3-520 | 89.2 |
| *Sarcocheilichthys variegatus* | 44 | 22 (50.0) | 1-22 | 4.5 |
| *Pungtungia herzi* | 33 | 14 (42.4) | 1-8 | 2.6 |
| *Squalidus japonicus coreanus* | 32 | 20 (62.5) | 1-37 | 5.5 |
| *Hemibarbus labeo* | 16 | 4 (25.0) | - | 1.0 |
| *Zacco koreanus* | 15 | 6 (40.0) | 1-49 | 5.7 |
| *Sarcocheilichthys nigripinnis* | 15 | 13 (86.7) | 1-52 | 13.6 |
| *Zacco temminckii* | 14 | 11 (78.6) | 3-290 | 64.0 |
| *Pseudogobio esocinus* | 14 | 9 (64.3) | 3-62 | 23.7 |
| *Acheilognathus lanceolatus* | 14 | 8 (57.1) | 2-10 | 6.0 |
| *Opsariichthys uncirostris* | 13 | 13 (100) | 52-495 | 143.8 |
| *Coreoperca herzi* | 13 | 6 (46.2) | 1-5 | 2.3 |
| *Acheilognathus rhombeus* | 11 | 10 (90.9) | 17-150 | 54.0 |
| *Squalidus gracilis majimae* | 8 | 5 (62.5) | 1-2 | 1.4 |
| *Plecoglossus altivelis* | 6 | 6 (100) | 3,250-16,830 | 8,563 |
| *Microphysogobio koreensis* | 6 | 6 (100) | 2-22 | 6.2 |
| *Acanthorhodeus gracilis* | 5 | 4 (80.0) | 10-58 | 37.5 |
| *Abbottina rivularis* | 5 | 1 (20.0) | - | 2.0 |
| *Pseudorasbora parva* | 3 | 3 (100) | 4-31 | 15.7 |
| *Siniperca scherzeri* | 3 | 2 (66.7) | 1-4 | 2.5 |
| *Hemibarbus longirostris* | 1 | 1 (100) | - | 3.0 |
| *Acheilognathus rhombeus* | 1 | 1 (100) | - | 185.0 |
| Subtotal | 320 | 213 (66.6) | 1-16,830 | 281.5 |
| Total | 1,225 | 819 (66.9) | 1-16,830 | 96.3 |

Uninfected fish species (No. of fish examined): ㉖-1. *L. taczanowskii* (1); ㉖-2. *A. lanceolatus* (3), *M. salmoides* (3) and *S. gracilis majimae* (1); ㉗ *M. yaluensis* (12), *C. splendidus* (10), *C. auratus* (5), *Acheilognathus majusculus* (4), *O. platycephala* (4) and *M. salmoides* (1).