**Supplementary Table S5.** Infection status of *Metagonimus* spp.metacercariae (MsMc) in fish from the water systems of Yeongsan-gang in Jeollanam-do, Korea

|  |  |  |  |
| --- | --- | --- | --- |
| Locality (Year) and fish sp. | No. fish examined | No. (%) fish infected | No. MsMc detected |
| Range | Average |
| ⑱ Hwangryong-gang in Jangseong-gun, Jeollanam-do (2011) |
| *Pseudorasbora parva* | 25 | 11 (44.0) | 1-3 | 1.4 |
| *Zacco platypus* | 15 | 14 (93.3) | 1-26 | 9.4 |
| *Lepomis macrochirus* | 8 | 1 (12.5) | - | 1.0 |
| *Rhynchocypris oxycephalus* | 1 | - | - | 11.0 |
| Subtotal | 49 | 27 (55.1) | 1-26 | 5.9 |
| ⑲ Jiseok-cheon in Naju-si, Jeollanam-do (2011, 2013) |
| *Zacco platypus* | 50 | 46 (92.0) | 1-25 | 5.7 |
| *Squalidus japonicus coreanus* | 25 | 1 (4.0) | - | 1.0 |
| *Hemibarbus longirostris* | 23 | 12 (52.2) | 1-21 | 4.2 |
| *Squalidus chankaensis* | 19 | 4 (21.1) | 1-3 | 1.5 |
| *Opsariichthys uncirostris* | 5 | 5 (100) | 2-14 | 6.4 |
| *Rhodeus ocellatus* | 3 | 1 (33.3) | - | 9.0 |
| *Carassius auratus* | 2 | 2 (100) | - | 6.0 |
| Subtotal | 127 | 71 (55.9) | 1-25 | 5.3 |
| ⑳ Yeongam-cheon in Yeongam-gun, Jeollanam-do (2013) |
| *Zacco platypus* | 15 | 15 (100) | 2-280 | 103.9 |
| *Sarcocheilichthys nigripinnis* | 7 | 4 (57.1) | 1-3 | 1.8 |
| *Hemiculter eigenmanni* | 4 | 4 (100) | 1-61 | 18.5 |
| *Zacco temminckii* | 4 | 4 (100) | 618-1,520 | 958.3 |
| Subtotal | 30 | 27 (90.0) | 1-1,520 | 202.7 |
| Total | 206 | 125 (60.7) | 1-1,520 | 48.0 |

Uninfected fish species (No. of fish examined): ⑱ *P. herzi* (25), *A. revulais* (10), *H. eigenmanni* (9), *P. esocinus* (3), *H. nipponensis* (2), *C. auratus* (2), *O. platycephala* (2), *S. gracilis majimae* (2), *C. carpio* (2) and *M. salmoides* (1); ⑲ *S. nigripinnis* (4), *P. esocinus* (4), *S. gracilis majimae* (1), *H. labeo* (1), *A. macropterus* (1), *A. lanceolatus* (1) and *C. sinensis* (1); ⑳ *P. esocinus* (6), *A. macropterus* (6), *P. herzi* (2) and *C. carpio* (1).