**Table S1.** Seasonal and yearly prevalence of multiple infections of trematode in *B. s. goniomphalos* in Sakon Nakhon Province, Thailand. Data shown are number and percent positive snails.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Types of cercariae** | **2010** | **2011** | **2012** | **2013** |
| **Number of infections (%)** | **Number of infections (%)** | **Number of infections (%)** | **Number of infections (%)** |
| **Hot-dry**(N=7,839) | **Rainy**(N=4,989) | **Cool-dry**(N=2,277) | **Hot-dry**(N=4,766) | **Rainy**(N=7,852) | **Cool-dry**(N=3,270) | **Hot-dry**(N=4,268) | **Rainy**(N=5,607) | **Cool-dry**(N=6,125) | **Hot-dry**(N=2,489) | **Rainy**(N=4,825) | **Cool-dry**(N=2,349) |
| 1. Virgulate 1+ Virgulate 22. Virgulate 1+ Virgulate 33. Virgulate 1+ *O. viverrini* cercariae4. Virgulate 1+ Cystophorous cercariae 1 5. Virgulate 1+ Monostome6. Virgulate 1+ Furcocercous cercariae 17. Virgulate 1+ Longifurcate-pharyngeate cercariae 18. Virgulate 1+ Mutabile9. Virgulate 1+ Echinostome cercariae 110. Virgulate 1+ Amphistome11. Virgulate 2+ Cystophorous cercariae 1 12. Virgulate 2+Furcocercous cercariae 113. Virgulate 2+ Mutabile14. Virgulate 3+ Monostome15. Virgulate 3+Furcocercous cercariae 116. Virgulate 3+ Longifurcate-pharyngeate cercariae 117. Echinostome cercariae 1+ Echinostome cercariae 2 | -------1 (0.01)--------- | -----2 (0.04)-----2 (0.04)----- | --------------1 (0.04)1 (0.04)- | -2 (0.04)--------------- | -2 (0.03)--------1 (0.01)------ | 1 (0.03)--3 (0.09)4 (0.12)1 (0.03)1 (0.03)1 (0.03)----1 (0.03)---- | 1 (0.02)1 (0.02)--4 (0.09)------------ | 2 (0.04)---1 (0.02)-2 (0.04)---------- | 1 (0.02)---17 (0.28)--------2 (0.03)--- | --6 (0.24)-3 (0.12)------------ | -----1 (0.02)1 (0.02)---------1 (0.02) | ----------------- |

**Table S2.** The diversity of trematodes across year and season.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year and season** | **2010** | **2011** | **2012** | **2013** |
| **Hot-dry** | **Rainy** | **Cool-dry** | **Hot-dry** | **Rainy** | **Cool-dry** | **Hot-dry** | **Rainy** | **Cool-dry** | **Hot-dry** | **Rainy** | **Cool-dry** |
| Total number of snails collectedSpecies richnessAbundanceShannon diversity indexSpecies evenness | 7,83980.0181.6100.774 | 4,989110.0421.6300.680 | 2,277130.1591.9800.772 | 4,766110.0711.5300.638 | 7,852130.0421.8000.702 | 3,270160.3991.4910.538 | 4,268140.0891.0200.387 | 5,607120.1041.0300.415 | 6,125100.2221.1000.478 | 2,489130.1641.5700.612 | 4,825110.1041.1800.492 | 2,349100.0631.4500.630 |