***Journal of Helminthology***

**Influence of an extreme climatic event on bilateral asymmetry and occurrence of eye flukes in perch (*Perca fluviatilis*) and roach (*Rutilus rutilus*) from a lake in southeast England**

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**Supplementary Material**

**i. Roach**

Supplementary Figure S1. Relationship between the number of eye flukes in the left and right eye of (i.) Roach and (ii.) Perch in 1993. Line indicates the 1:1 expectation of equal parasite numbers in each eye. (a.) *Tylodelphys* sp*.* (b.) *Diplostomum* sp.

**a. *Tylodelphys* sp.**



**b. *Diplostomum* sp.**

****

**ii. Perch**

**a. *Tylodelphys* sp.**

****

**b. *Diplostomum* sp.**

****

**i. Roach**

Supplementary Figure S2. Relationship between the number of eye flukes in the left and right eye of (i.) Roach and (ii.) Perch in 1994. Line indicates the 1:1 expectation of equal parasite numbers in each eye. (a.) *Tylodelphys* sp*.* (b.) *Diplostomum* sp.

**a. *Tylodelphys* sp.**



**b. *Diplostomum* sp.**



**ii. Perch**

**a. *Tylodelphys* sp.**

****

**b. *Diplostomum* sp.**

****

**i. Roach**

Supplementary Figure S3. Relationship between the number of eye flukes in the left and right eye of (i.) Roach and (ii.) Perch in 1995. Line indicates the 1:1 expectation of equal parasite numbers in each eye. (a.) *Tylodelphys* sp*.* (b.) *Diplostomum* sp.

**a. *Tylodelphys* sp.**

****

**b. *Diplostomum* sp.**

****

**ii. Perch**

**a. *Tylodelphys* sp.**

****

**b. *Diplostomum* sp.**

****

**i. Roach**

Supplementary Figure S4. Relationship between the number of eye flukes in the left and right eye of (i.) Roach and (ii.) Perch in 1996. Line indicates the 1:1 expectation of equal parasite numbers in each eye. (a.) *Tylodelphys* sp*.* (b.) *Diplostomum* sp.

**a. *Tylodelphys* sp.**

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**b. *Diplostomum* sp.**

****

**ii. Perch**

**a. *Tylodelphys* sp.**

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**b. *Diplostomum* sp.**

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