**Supplementary Information**

**Table S1**

Prevalence and abundance of *Pelodera* sp. from 1998 to 2018.



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**Table S2**

Measures of aggregation for individual species and higher taxa

|  |  |
| --- | --- |
|  | Best fit |
| Species | *k*1 | ± S.E. | *I*2 | *D*3 | distribution |  |  |
| Nematoda combined |  |  |  |  |  |  |  |
| *Heligmosomoides polygyrus* | 0280  | ± 0.0004 | 51.34 | 0.770 | Negbin | *χ*216=26.6, | *P*=0.046 |
| *Syphacia stroma* | 0.020 | ± <0.0001 | 86.13 | 0.968 | Negbin | *χ*22=2.5, | *P*=0.285 |
| *Aoncotheca murissylvatici* | 0.024  | ± <0.0001 | 20.93 | 0.973 | Negbin | *χ*22=0.1, | *P*=0.968 |
| Digenea combined | 0.052  | ± <0.0001 | 66.90 | 0.945 | Negbin | *χ*25=1.6, | *P*=0.901 |
| *Plagiorchis muris* | 0.050  | ± <0.0001 | 68.44 | 0.947 | Negbin | *χ*24=1.0, | *P*=0.916 |

1. Negative binomial exponent.

2. Index of dispersion=Variance to mean ratio.

3. Index of discrepancy (Poulin, 1993).

**Table S3**

Numbers of mice examined each year

