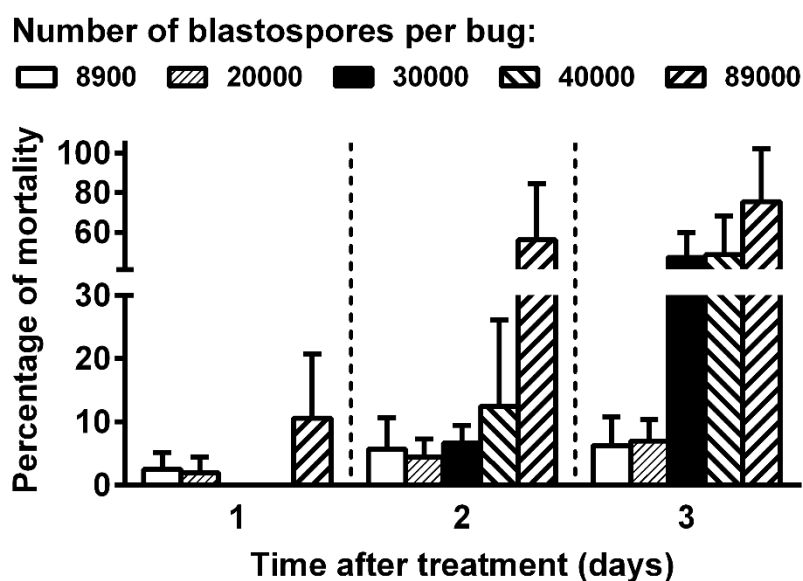


Fig. S1. The effect of various doses of *S. carpocapsae* (EPN) on mortality of *P. apterus* males (8-day old) 1 day after the treatment; mortality in controls is not shown being negligible. Statistically significant difference among infected groups at 5% level evaluated by one-way ANOVA with Tukey's post-test are indicated by different letters (n=6 groups with 20 bugs per each).



| Tukey's multiple comparisons test | 2-way ANOVA | | | |
|-----------------------------------|-------------|------------------|--------------|---------|
| | Mean diff. | 95% CI of diff. | Significant? | Summary |
| 8900 vs. 20000 | 0.3333 | -10.25 to 10.92 | No | ns |
| 8900 vs. 30000 | -13.17 | -22.28 to -4.056 | Yes | *** |
| 8900 vs. 40000 | -15.50 | -27.55 to -3.448 | Yes | ** |
| 8900 vs. 89000 | -42.50 | -51.91 to -33.09 | Yes | **** |
| 20000 vs. 30000 | -13.50 | -21.90 to -5.101 | Yes | *** |
| 20000 vs. 40000 | -15.83 | -27.36 to -4.310 | Yes | ** |
| 20000 vs. 89000 | -42.83 | -51.55 to -34.12 | Yes | **** |
| 30000 vs. 40000 | -2.333 | -12.52 to 7.852 | No | ns |
| 30000 vs. 89000 | -29.33 | -36.19 to -22.48 | Yes | **** |
| 40000 vs. 89000 | -27.00 | -37.45 to -16.55 | Yes | **** |

Fig. S2. The effect of various doses of *I. fumosorosea* blastospores on mortality of *P. apterus* males (8-, 9- and 10-day old) 1, 2 and 3-day after the treatment; mortality in controls is not shown being null or negligible. Statistics: results of two-way ANOVA with Tukey's post-test are shown in the lower panel (n=8-10 groups with 20 bugs per each).