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## Circadian rhythms differ between sexes and closely related species of *Nasonia* wasps

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Table S1. Classification of *Nasonia* species according to activity patterns and parameters in different light conditions.

	Female	Male
<b><i>N. giraulti</i></b>	Often changes of activity pattern among light conditions.	Frequent (abrupt) changes of activity patterns between light regimes (e.g. LD>DD) as well as within one light regime.
<b>LD</b>	Activity concentrated in the middle of the L phase; Short to intermediate activity bouts of weak to moderate intensity. CoG is at 14:44.	Activity begins usually at light-on and ceases after approximately 9-12 h; Short to long activity bouts of low to high intensity. CoG is at 13:02.
<b>DD</b>	Intermediate to long activity bouts of low to high intensity. 99% rhythmic; average Tau is 23.3h.	Short to long activity bouts of weak to moderate intensity. 77% rhythmic; average Tau is 24.2h.
<b>LL</b>	Intermediate to long activity bouts of low to intermediate intensity. 85% rhythmic; average Tau is 20.8 h.	Short to long pattern of moderate to intense activity. Abrupt changes often observed at the beginning of the LL phase. 52% rhythmic; average Tau is 21.1 h.
<b><i>N. longicornis</i></b>	Short to intermediate activity bouts of low intensity with occasional 'spikes' (i.e. 'peak-like activity bouts'); Similar activity pattern throughout conditions.	As females but with more changes of activity patterns, even long activity bouts.
<b>LD 16:8</b>	More intense activity at the start of the L phase. Sometimes extra activity spikes later during the L phase. CoG is at 12:49.	Frequent anticipatory activity. Otherwise start at light-on and decrease after 8-9 h. Short to long activity bouts of low to high intensity. CoG is at 11:30.
<b>DD</b>	See general description. 100% rhythmic; average Tau is 24.8 h.	Activity as in general description. Short to long activity bouts of low intensity. 89% rhythmic; average Tau is 26.3 h.
<b>LL</b>	See general description. 100% rhythmic; average Tau is 21.2 h.	Short to long activity bouts of low intensity. See general description. 80% rhythmic; average Tau is 21.4 h.
<b><i>N. oneida</i> (NY1136)</b>	Similar to that of males but more stereotyped (i.e. less variation among individuals); activity during bouts is more continuous and longer.	Often (abrupt) changes of activity patterns between light regimes (e.g. LD>DD) as well as within one light regime. Less frequently regular activity pattern throughout conditions (e.g. C84_39), reminiscent of longicornis.
<b>LD 16:8</b>	Intermediate to long activity bouts of high intensity concentrated in the middle of the L phase. Short activity bouts of low intensity during other moments during the L phase. CoG is at 16:24.	Intermediate to long activity bouts of low to high intensity concentrated in the middle of the day. CoG is at 15:33.
<b>DD</b>	Similar to males. 100% rhythmic; average Tau is 24.6 h.	Short to intermediate activity bouts of low to moderate intensity. Activity bouts within the main activity period often increase in length and intensity and decreases again at the end of the activity period. 94% rhythmic; average Tau is 26 h.
<b>LL</b>	Long activity bouts of high intensity. 87% rhythmic; average Tau is 23.5 h.	Often abrupt changes of activity pattern; sometimes uniform activity patterns. 89% rhythmic; average Tau is 23.4 h.
<b><i>N. vitripennis</i></b>	Similar activity pattern throughout conditions.	Similar activity patterns throughout conditions.
<b>LD 16:8</b>	Short to long activity bouts of low to sustained activity throughout the L phase. Sometimes more pronounced at the beginning of the L phase; Onset in L may be delayed (AsymC); Sometimes residual activity in D phase. CoG is at 14:20.	Short to long activity bouts of moderate to intense (AsymC) activity ceasing after 8-11h; Onset is frequently at light-on. CoG is at 12:25.
<b>DD</b>	Intermediate to very long activity bouts of moderate to sustained activity. 88% rhythmic; average Tau is 25.5 h.	Short to long activity bouts of low to moderate intensity. Plot appear 'clean' because of missing 'background' activity. 96% rhythmic; average Tau is 25.5 h.
<b>LL</b>	Intermediate to very long (frequently continuous) and sustained activity bouts. 25% rhythmic; average Tau is 22.5 h.	Short to long activity bouts of moderate intensity. Plot appear 'clean' because of missing 'background' activity. 99% rhythmic; average Tau is 21.9 h.

For each species and sex a brief general description of activity patterns is also given.

For *N. oneida* only strain NY1136 was used in this study.

For details see the main article.