**Table S1.** Raw behavioral elements used in display event logging.

**Table S2**. Male individual display patterns.

**Table S3.** Female individual attendance patterns.

**Figure S1.** Dates of *Masius* displays in the final dataset (2014-2017).

**COMPARSION OF BEFORE- AND AFTER- COPULATION DISPLAYS**

**COMPARISON OF DISPLAYS FOR FEMALE AND SUSPECTED PREDEFINITIVE MALE AUDIENCES**