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Helga Gwinner, Pablo Capilla-Lasheras, Caren Cooper & Barbara Helm:

“Green incubation”: avian offspring benefit from aromatic nest herbs through improved parental incubation behaviour

*Proceedings of the Royal Society* B, DOI 10.1098/rspb.2018-0376

**List of data files:**

**Daily recordings from all nests:** File: Gwinner\_etal\_2018\_dailydata.csv

**Overview data per clutch:** File: Gwinner\_etal\_2018\_clutchoverview.csv

**Effects of herbs on mean offspring development:** File: Gwinner\_etal\_2018\_chick\_devo\_mass.csv

**Complete, alphabetic list of variable names used in data files**

|  |  |
| --- | --- |
| **boxunique** | nestbox number made unique by adding year to number |
| **chickoutlier** | identifying 4 chicks that were extremely low body mass |
| **chickshatchday** | number of chicks counted on hatching day |
| **ct.dawn** | date-specific time of morning start of civil twilight |
| **ct.dusk** | date-specific time of evening end of civil twilight |
| **date** | date of corresponding data |
| **day.meanT** | mean daytime egg temperature |
| **day.varT** | variation in daytime egg temperature |
| **dec.saving.dawn** | ct.dawn converted to decimal time and daylight savings time |
| **dec.saving.dusk** | ct.dusk converted to decimal time and daylight savings time |
| **duration\_offbouts** | mean duration of individual offbouts |
| **eggslaid** | maximal number of eggs counted |
| **hatchdate** | actual hatching date |
| **hatchsuccess** | proportion of hatchlings relative to maximal number of eggs |
| **incubationday** | day within incubation (starting day = day 1) |
| **inferredage** | inferred mean age of clutch when mass was measured |
| **julian** | julian date of corresponding data |
| **massday78** | chickmass on ca. day 7 |
| **maxchicks** | maximal number of chicks |
| **meandevoscore** | mean developmental score of clutch |
| **n\_off\_bouts** | calculated number of offbouts |
| **nap\_number\_CivTwi** | number of static phases on the nest |
| **nesttype** | herb (=1) and herbless (=2) |
| **night.meanT** | mean nighttime egg temperature |
| **night.varT** | variation in nighttime egg temperature |
| **perc.incubation** | percentage of 24h day spent on nest |
| **T\_actoffset** | Time of activity offset |
| **T\_actonset** | Time of activity onset |
| **T\_offset\_relative** | Time of activity offset relative to ct dusk |
| **T\_onset\_relative** | Time of activity onset relative to ct dawn |
| **Time\_Under\_27\_CT** | Time (h) eggs were recorded on the day at temperatures below 27 degr |
| **Time\_Under\_32\_CT** | Time (h) eggs were recorded on the day at temperatures below 32 degr |
| **timetripduration** | Duration of major midday outing |
| **timewarmup** | Time taken to warm up eggs after major midday outing |
| **triptempbegin** | Temperature at start of major midday outing |
| **triptempcooling** | Cooling during major midday outing |
| **triptempend** | Temperature at end of major midday outing |
| **year** | year |