

Data and code from: Olfactory camouflage and communication in birds

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Overview of the repository content

Supplementary tables

- **Table_S1.xlsx** *Table S1*. Studies included in the literature review of seasonal and sex differences in preen oil chemical composition.
- **Table_S2.xlsx** *Table S2*. Occurrences (i.e., sex in each species or season in each species) included in the analyses of seasonal and sex differences in preen oil chemical composition.

Data and code for comparative analyses on seasonal and sex differences in preen oil composition

- **data_season.csv** and **data_sex.csv** contain the raw data needed to re-run analyses.
- **data_phylo.nex** contains the raw phylogenetic data obtained from birdtree.org.
- **season_analysis_Rmd.pdf** and **season_analysis_Rmd.Rmd** contain the R code to re-run the analysis on seasonal differences.
- **sex_analysis_Rmd.pdf** and **sex_analysis_Rmd.Rmd** contains the R code to re-run the analysis on sex differences.

Data and code for details on the studies and species included in the review and analyses

- **inclusion_studies_review.csv** contains data on the review process and the studies included in the review (i.e. Table S1).
- **inclusion_species_1row1studywithinspecies.csv** contains data on the occurrences (i.e., sex in each species or season in each species; multiple rows per species) included in the analyses (i.e. Table S2).
- **inclusion_species_1row1species.csv** contains data on the species (one row per species) included in the analyses.
- **review_Rscript.R** contains the R code to get all details about the studies and species included in the review and analyses.

Additional files

- All Excel files ending with **_description.xlsx** contain an additional sheet with a detailed description of the different variables.
 - **data_evolutionstudies.xlsx** contains the data on the evolution of the studies on preen oil composition (i.e. Figure 1).
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