**Interspecific variation in number of bristles on forewings of tiny insects does not impact clap-and-fling aerodynamics**

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**DESCRIPTION OF FILES FOR FIGSHARE**

Appendix S1 (“AppendixS1\_all\_bristle\_data.csv”; “AppendixS1\_all\_bristle\_data.xlsx”): All phenotypic data used in the analyses of thrips and fairyfly wings. The CSV file is for replicating analyses in R. The MS Excel file includes a metadata tab that explains the variables and units.

Appendix S2 (“AppendixS2\_bristled\_wings\_tree\_simulation.R”): R code for replicating the phylogeny simulations for downstream phylogenetic comparative analyses.

Appendix S3 (“AppendixS3\_all\_family\_list.csv”): A taxonomy of thrips and fairyfly genera. The file is used in Appendix S2 for simulating phylogenies. Taxonomic sources are listed in the methods of the published paper.

Appendix S4 (“AppendixS4\_10000random\_trees.tre”): The 10,000 simulated phylogenies used for phylogenetic comparative analyses in this paper.

Appendix S5 (“AppendixS5\_bristled\_wings\_PCMs.R”): R code for replicating all phylogenetic regression and correlation analyses in the paper. This also includes code for replicating figures of phenotypic data.

Appendix S6 (“AppendixS6\_bristled\_wings\_fxns.R”): Auxiliary functions used in Appendix S5. This file is called directly in Appendix S5 (i.e. no need to manually load the functions).