

Template and Guidelines for Using L^AT_EX in

The American Naturalist

Owen E. Cook^{1,*}

Generic H. Collaborator^{2,†}

Additional Q. Expert³

1. University of Chicago, Chicago, Illinois 60637;
2. University of Toronto, Toronto, Ontario M5S 1A5, Canada;
3. Middle Eastern Technical University, Çankaya, Ankara 06800, Turkey.

* Corresponding author; e-mail: amnat@uchicago.edu.

† Deceased.

Manuscript elements: Figure 1, figure 2, table 1, appendix A (for print; including figure A1, figure A2, and table A1), supplemental PDF. Figure 2 is to print in color.

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Prepared using the suggested L^AT_EX template for *Am. Nat.*

Abstract

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Introduction

- What is the main question that we are interested in addressing?
- Any history and previous work on this topic? Citations
- What was not tackled in those previous works, and why is focusing on that important?
- Our contribution.
- Our methodology

Methods

Basic model

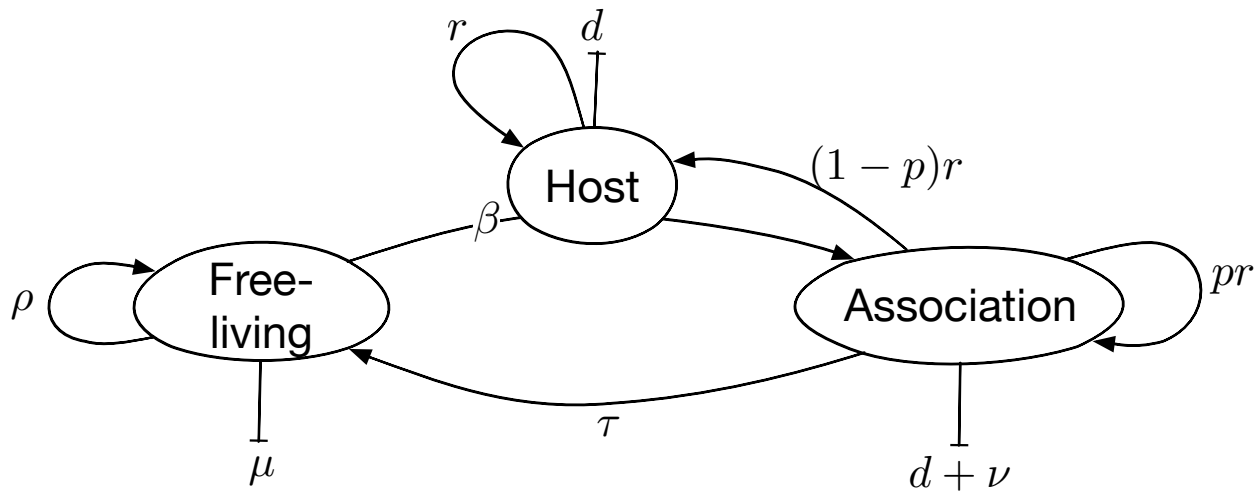


Figure 1: Model sketch

$$\frac{dF}{dt} = \rho F + \tau A - \alpha F^2 - \mu F - \beta HF \quad (1)$$

$$\frac{dA}{dt} = \beta HF + prA - \gamma(A + H)A - (\nu + d)A \quad (2)$$

$$\frac{dH}{dt} = r(1 - p)A + rH - \beta HF - \gamma(A + H)H - dH \quad (3)$$

$$\frac{1}{N_k - 1} \sum_{t=1}^{N_k} (M_{tjk} - \bar{M}_{jk})^2 \quad (4)$$

Results

Discussion

Conclusion

Acknowledgments

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Statement of Authorship

OEC conceived the experiments, collected the data, and wrote the original draft. GHC provided specimens and analyzed the model. AQE oversaw data analysis and developed the code. All authors reviewed and edited the writing at all stages of revision.

Data and Code Availability

On initial submission, you may use this section to provide a URL for editors and reviewers that is ‘private for peer review’. After acceptance, this section must be updated with correct,

working DOIs for data and code deposits (such as in Zenodo, Dryad, or DataVerse). An example statement could resemble the following: All data and code for this work are available from the Dryad Digital Repository, Cook et al. 2015).

Appendix A: Additional Methods and Parameters

Fox–dog encounters through the ages

The quick red fox jumps over the lazy brown dog. The quick red fox has always jumped over the lazy brown dog. The quick red fox began jumping over the lazy brown dog in the 19th century and has never ceased from so jumping, as we shall see in figure A1. But there can be surprises (figure A2).

If the order and location of figures is not otherwise clear, feel free to include explanatory dummy text like this:

[Figure A1 goes here.]

[Figure A2 goes here.]

Further insights

Literature Cited

Cook, O. E., G. H. Collaborator, and A. Q. Expert. 2015. Data from: Template and guidelines for using \LaTeX in *The American Naturalist*. American Naturalist, Dryad Digital Repository, <https://dx.doi.org/10.5061/dryad.XYZAB123>.

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Tables

Table 1: Founders of *The American Naturalist*

Early editor	Years with the journal
Alpheus S. Packard Jr.	1867–1886
Frederick W. Putnam	1867–1874
Edward S. Morse	1867–1871
Alpheus Hyatt	1867–1871
Edward Drinker Cope ^a	1878–1897
J. S. Kingsley	1887–1896

Note: Table titles should be short. Further details should go in a ‘notes’ area after the tabular environment, like this.

^a Published the first description of *Dimetrodon*.

Figure legends

Figure 1: Figure legends can be longer than the titles of tables. However, they should not be excessively long—in most cases, they should be no more than 100 words each.

Figure 2: In this way, figure legends can be listed at the end of the document, with references that work, even though the graphic itself should be included for final files after acceptance. Instead, upload the relevant figure files separately to Editorial Manager; Editorial Manager should insert them at the end of the PDF automatically.

Figure A1: *A*, the quick red fox proceeding to jump 20 m straight into the air over not one, but several lazy dogs. *B*, the quick red fox landing gracefully despite the skepticism of naysayers.

Figure A2: The quicker the red fox jumps, the likelier it is to land near an okapi. For further details, see Fastovsky (2009).

Video S1: Video legends can follow the same principles as figure legends. Counters should be set and reset so that videos and figures are enumerated separately.