

# Phenotypic evolution is less constrained in complex food webs

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Prepared using the suggested L<sup>A</sup>T<sub>E</sub>X template for *Am. Nat.*

## **Abstract**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed non risus. Suspendisse lectus tortor, dignissim sit amet, adipiscing nec, ultricies sed, dolor. Cras elementum ultrices diam.

## Introduction

The quick red fox jumps over the lazy brown dog. Furthermore, the quick brown fox jumps over the lazy red dog. In addition, the quick Rüppell's fox (*Vulpes rueppellii*) jumps over the lazy golden retriever.

## Methods

Lorem ipsum (Xiao et al. 2015) ut velit mauris, egestas sed, gravida nec, ornare ut, mi. Aenean ut orci vel massa suscipit pulvinar. Nulla sollicitudin. Fusce varius, ligula non tempus aliquam, nunc turpis ullamcorper nibh, in tempus sapien eros vitae ligula.

### *The quickness of the fox*

Lorem ipsum nulla facilisi, despite the findings of Lemodèle et al. (2007). Etiam semper, orci sit amet facilisis interdum, tellus nunc consequat erat, quis viverra nisi diam ut metus. Pellentesque cursus, sapien malesuada euismod iaculis, mauris purus interdum diam, vel vestibulum justo enim vitae tellus. Nunc interdum lorem sit amet diam volutpat tristique. Quisque pulvinar ac metus commodo lacinia (Inglis et al. 2011; Xiao et al. 2015).

### *Third-order heading*

Usually two or three levels of heading will be all you need. Journal style even permits a fourth level in case you need it.

*Fourth-order heading.* The quick red fox jumps over the lazy brown dog in this paragraph as well.

### *The redness of the fox*

As Xiao et al. (2015) argued, phasellus porttitor eros et ante condimentum, eget facilisis orci condimentum. Nulla facilisi. Proin placerat elit blandit, euismod dolor nec, dapibus diam. Mauris posuere malesuada lacus, at elementum lacus auctor eu (fig A1A).

## **Results**

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### *The height of the jump*

Aenean eu pellentesque quam (fig. 1). Nam pellentesque augue eu finibus lacinia. Nullam nec justo vitae odio imperdiet rhoncus vitae vitae quam. Pellentesque porttitor metus et lectus ornare, ac cursus urna efficitur (fig A1B).

### *The laziness of the dog*

Sed sit amet pharetra nisi (video 1, fig. 2). Praesent quis dolor in dolor molestie cursus et ac nisi. Vestibulum ante purus, semper eget est vitae, vehicula ornare nisl. Morbi efficitur euismod enim, nec feugiat tellus cursus eget. Donec mauris nibh, volutpat vehicula viverra at, iaculis congue sem. Praesent eget erat rhoncus erat sollicitudin volutpat.

If you have deposited data to Dryad, you should cite them somewhere in the main text (usually in the Methods or Results sections). A sentence like the following will do. All data are available in the Dryad Digital Repository (Cook et al. 2015).

## Discussion

Nam pulvinar lorem at lorem ultrices, vel accumsan massa feugiat (Inglis et al. 2011). Proin tristique velit eget lacus iaculis, in pellentesque nulla varius. Phasellus sodales est odio, eu pulvinar magna pellentesque eu. Sed ut lobortis eros. Aliquam eget metus turpis. Sed et convallis lectus, id tincidunt enim. In porta nibh ut lacus feugiat, non consequat orci rhoncus. Morbi blandit at augue nec tempor. Sed fringilla ipsum ut justo viverra, ut euismod nisi gravida.

Curabitur non posuere augue, id suscipit orci. Nunc luctus accumsan aliquam. Cras egestas turpis vitae nisl vulputate interdum. Donec pellentesque libero egestas tortor pharetra laoreet. Phasellus facilisis auctor ligula, eu sollicitudin mi sagittis non.

## Conclusion

Duis pharetra enim at libero cursus, eu commodo mi vestibulum. Nullam eget velit nec lectus viverra sodales. Suspendisse egestas, eros at dictum tincidunt, mi orci laoreet libero, eget rutrum sapien arcu blandit odio.

## Acknowledgments

OEC would like to thank the world. GHC is much indebted to the solar system. AQE was supported by a generous grant from the Milky Way (MW/01010/987654).

## Appendix A: Supplementary Figures

### *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*

Tables in the appendices can appear in the appendix text (see table A1 for an example), unlike appendix figure legends which should be grouped at the end of the document together with the other figure legends.

Table A1: Various rivers, cities, and animals

River	City	Animal
Chicago	Chicago	Raccoon
Des Plaines	Joliet	Coyote
Illinois	Peoria	Cardinal
Kankakee	Bourbonnais	White-tailed deer
Mississippi	Galena	Bald eagle

Note: See table 1 below for further table formatting hints.

Lorem ipsum dolor sit amet, as we have seen in figures A1 and A2.

## Appendix B: Additional Methods

### *Measuring the height of fox jumps without a meterstick*

Pellentesque ac nibh placerat, luctus lectus non, elementum mauris. Morbi odio velit, eleifend ut hendrerit vitae, consequat sit amet nulla. Pellentesque porttitor vitae nisl quis tempus. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Praesent ut nisi odio. Vivamus vel lorem gravida odio molestie volutpat condimentum et arcu.

$$\frac{1}{N_k - 1} \sum_{t=1}^{N_k} (M_{tjk} - \bar{M}_{jk})^2 \quad (\text{A1})$$

### *Quantifying the brownness of the dog*

Pellentesque eu nulla odio (Cook et al. 2015; Xiao et al. 2015). Nulla aliquam porta metus, quis malesuada orci faucibus quis. Suspendisse nunc magna, tristique sit amet sollicitudin nec, elementum et lacus. Sed vitae elementum mi. In hac habitasse platea dictumst. Etiam eu tortor elit. Sed ac tortor purus. Aliquam volutpat, odio sit amet posuere pretium, dolor ex interdum ante, sed luctus quam eros ac nulla.

$$\left( \sum_{p=1}^P n_{sp} \right)^{-1} \sum_{p=1}^P n_{sp} Q_p \quad (\text{A2})$$

## Literature Cited

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# Tables

Table 1: Animals in various cities with equations

Animal	City	Equation
Dog	Springfield	$x + y = z$
Fox	Indianapolis	$2x + 2y = 2z$
Okapi <sup>a</sup>	Chicago	$x - y < z$
Badger	Madison	$x + 2y > z$

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

<sup>a</sup> Okapis are not native to Chicago, but they are to be met with in both of the major Chicagoland zoos.

## Figure legends

Figure 1: Figure legends can be longer than the titles of tables. However, they should not be excessively long.

Video 1: Video legends can follow the same principles as figure legends. Counters should be set and reset so that videos and figures are enumerated separately.

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.

### *Online figure legends*

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 Lemodèle et al. (2007).