Preprint template

Abstract: This template is used by the Poisot lab at Université de Montréal to write manuscripts using github. It uses github actions as a way to generate a website that can be annotated using hypothes.is, a PDF document for copy-editing and submission to journals, and a PDF document for submission to preprint servers. At every push on the master branch, the whole series of documents will get built.

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This template uses recent versions of `pandoc` and `pandoc-crossref` to faciltate the referencing of equations, figures, and tables within the text. For example, the following equation

$$J'(p) = \frac{1}{\log(S)} \times \left(-\sum p \times \log(p)\right) \tag{1}$$

is produced using

```
$$J'(p) = \frac{1}{\text{log}(S)}\times\left(-\sum p \times \text{log}(p)\right)$$ {#eq:
```

and can be referenced using `@eq:eq1`, which will result in eq. 1.

All documents will be deployed to `gh-pages` *only* on push events from the `master` All of the artifacts will be built when doing pull requests, so you can check that merging a branch is *not* going to cause the compilation of the documents to fail.

Using references

The references are managed by the `citeproc` filter for `pandoc`. Note that we *do not* use `pandoc-citeproc`, which was an external moduler for older `pandoc` versions. References *have to* be stored in a `references.bib` file. We use Zotero for references management, and for the lab's manuscripts, we work from folders in a shared library (with a folder for every manuscript).

We use the Better BibTeX plugin for citation key generations, and auto-export of the shared library to the `references.bib` file. We use a citation key format meant to convey information on the author, date, year, and title. It must be set in the Better BibTeX preferences as

```
[auth:fold][year][title:fold:nopunctordash:skipwords:lower:select=1,1:substring=1,3:capi
```

20 The citations are done using normal markdown, where `@Elton1927AniEco` pro-

21 duces Elton (1927), and `[@Camerano1880EquViv]` produces (Camerano 1880).

Tables

23 Tables are supported in their normal markdown way:

Column 1	Column 2	Column 3
c1	c2	c3
c2	c3	c4
c5	c6	c7

Figures

25 Figures can have a legend – all figures *must* be in the `figures/` folder of the
26 project:

27 `![This is the legend of the figure](figures/biomes.png){#fig:biomes}`

28   [Figure 1 about here.]

29 We can now use `@fig:biomes` to refer to fig. 1.

References

31 Camerano, Lorenzo. 1880. "Dell'equilibrio Dei Viventi Merce La Reciproca Dis-
32   truzione." *Atti Della R. Accad. Delle Sci. Torino* 15: 393–414.
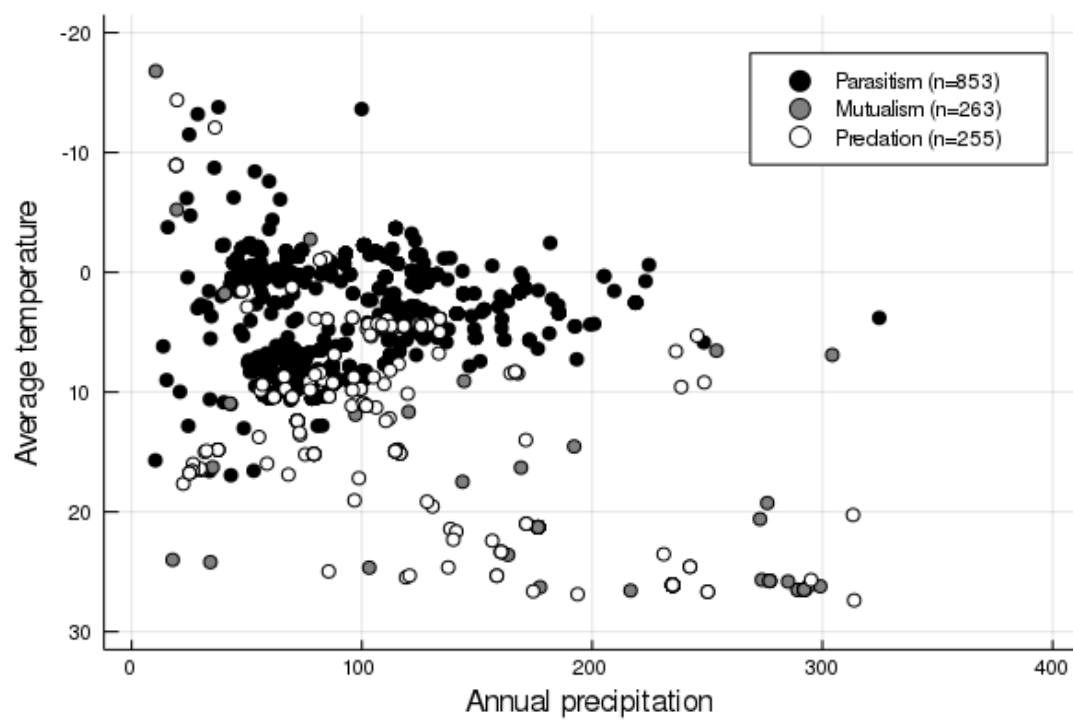
33 Elton, Charles S. 1927. *Animal Ecology.* University of Chicago Press.

Figure 1: This is the legend of the figure