ecobiblatex – A set of biblatex Global Ecology and Biogeography Journal BibLaTex styles*

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Abstract

The ecobiblatex bundle is a set of styles for creating bibliographies using biblatex in the style of the Global Ecology and Biogeography journal. The package comprises styles based on the conventions of John Wiley & Sons Ltd and *Global Ecology and Biogeography Conventions* ©. It, therefore, covers the journal styles of, for example:

- *Global Ecology and Biogeography (Standardised Harvard-style referencing)*

1 Introduction

The biblatex package introduces a completely new method for controlling the creation of bibliographies using BibTeX. This makes a great deal of flexibility available when creating bibliographies, most of which is much more difficult with traditional BibTeX styles.

In order to use biblatex, an entirely new set of appropriate supporting styles are needed. This package provides the styles needed to include references according to the Global Ecology and Biogeography Journal requirements which is a standardised Harvard-style referencing format, following the rules of one of the most important journals in the field.

In order to benefit from the advantages of BibLaTex and this style package, it is highly recommended to use the Biber backend.
E.g.:

```
\usepackage{biblatex}[backend=biber, style=ecobiblatex]
```

2 The style

The package currently contains four biblatex style files:

- The ecobiblatex style, which covers the Global Ecology and Biogeography journal.

*This file describes v1.0, last revised 2015/12/28.

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The style can be used to follow the current layout rules of the Global Ecology and Biogeography journal published by Wiley which is most often the preferred referencing style of many universities at all levels.

The styles use the standard biblatex database requirements. This means that a database designed for traditional biblatex use may need some editing for optimal output. The accompanying example database `ecobiblatex.bib` shows examples of all of the supported entry types with common fields filled in.

3 Style options

All of the styles here add a small number of package options to the standard set provided by biblatex. This allows the styles to cover the variations seen between different journals without needing a very large number of files: the American Chemical Society in particular varies the exact details between journals.

`doi` `eprint` `isbn` `url`

The standard style options `doi`, `eprint` `isbn` and `eprint`, as described in the biblatex manual. However, these options are turned off as standard by the styles in the ecobiblatex bundle. This reflects the fact that these entries may be present in reference databases but are not generally included in published bibliographies. Note that DOI values are printed for journal articles with no pages given, even if the `doi` option is `false`

`subentry`

In common with the standard biblatex numeric styles, all of the styles in the bundle support the boolean `subentry` option. With this set `true`, entries of type `set` are given individual labels within the bibliography.

`articletitle`

The use of article titles varies between individual journals. The boolean option `articletitle` is available and controls this behaviour.

4 Use of the ecobiblatex package

EcoBibLATEXtest file:

This is a book as `\parencite{}` [2], and as `\textcite{}` Elton [4]. This is a citation from a book chapter [3]. This is a paper as parencite [8], and as textcite Anderson et al. [1]. This is a citation command with two papers by the same author [11, 12]. This is a citation command with more than two papers by the same author, on the same year [5 − 7]. This is a citation of a paper with only two authors in parencite [9], and another one in textcite Yang and Rannala [13]. This is a reference to R [10]. This is a reference to non-consecutive entries [3,5-7,13].

References

[1] M. J. Anderson et al. "Navigating the multiple meanings of beta diversity: a roadmap for the practicing ecologist." In: *Ecology Letters* 14.1 (2011), pp. 19−28.

[2] C. Darwin. *On the origin of species by means of natural selection, or the preservation of favoured races in the struggle for life.* New York: D. Appleton, 1859.

[3] J. A. Dunne. "The network structure of food webs". In: *Ecological Networks: Linking Structure to Dynamics in Food Webs.* Ed. by M. Pascual and J. A.

Dunne. Oxford: Oxford University Press, 2006, pp. 27−86.

[4] S. A. Frank. "Coevolutionary genetics of plants and pathogens". In: *Evolutionary Ecology* 7.1 (1993), pp. 45−75.

Example (Author-year style)

```
\usepackage[backend=biber,style=ecobiblatex]{biblatex}
\addbibresource{SampleLibrary.bib}
\renewcommand*{\nameyeardelim}{\addcomma\space}
...
\printbibliography[title=References]
```

5 New styles

The current set of styles here is intended to form a strong base for ecologists, biologists, university and PhD students and biochemists. However, there will be the need for other styles to be created. The package author welcomes suggestions for other styles for inclusion. It would also be good to keep all ecology- and biology-related biblatex styles in one bundle. Others working on ecology styles for biblatex are welcome to send them to the bundle maintainer so they can be incorporated here.

6 Errors and omissions

Suggestions for improvement and bug reports can be logged by sending an e-mail to `norbert.balak@outlook.com`.

Version history

v1.02015/12/28 First stable release of `ecobiblatex` *package.*