How does tree harvest influence benthic invertebrate density?

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Abstract

We looked at the density of Baetis spp. in harvested and non-harvested stream catchments.

Keywords: stream ecology, entomology

1. Introduction

Baetis spp, belonging to the insect order Ephemeroptera, are commonly used as stream quality indicators (Wallace and Gurtz, 1986).

2. Methods

Researchers collected data on the number of *Baetis* spp. per square meter in the benthic environment of various catchments from 1995 to 2005. Some of the catchments were harvested, while others were not.

3. Results

Figure 1 is generated using an R chunk.

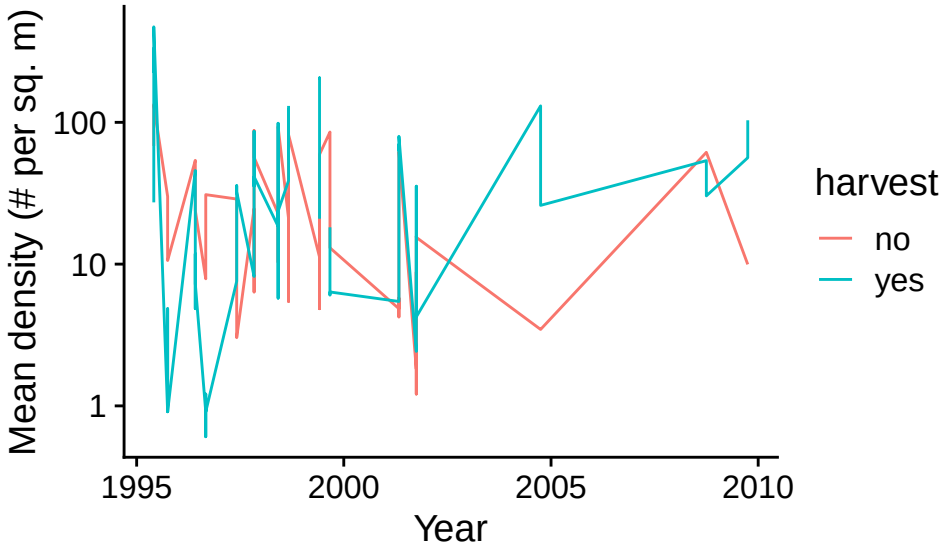

Figure 1: Baetis density in harvested and non-harvested catchments

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4. Discussion

Benthic invertebrates are commonly used as indicators of stream water quality (Guilpart et al., 2012). *Baetis* sp. (Ephemeroptera) are used as stream quality indicators for catchments (Wallace and Gurtz, 1986).

References

Alexis Guilpart, Jean-Marc Roussel, Joël Aubin, Thierry Caquet, Mickaël Marle, and Hervé Le Bris. The use of benthic invertebrate community and water quality analyses to assess ecological consequences of fish farm effluents in rivers. *Ecological Indicators*, 23:356–365, 2012. Citation Key: guilpart2012use Publisher: Elsevier.

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