

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.

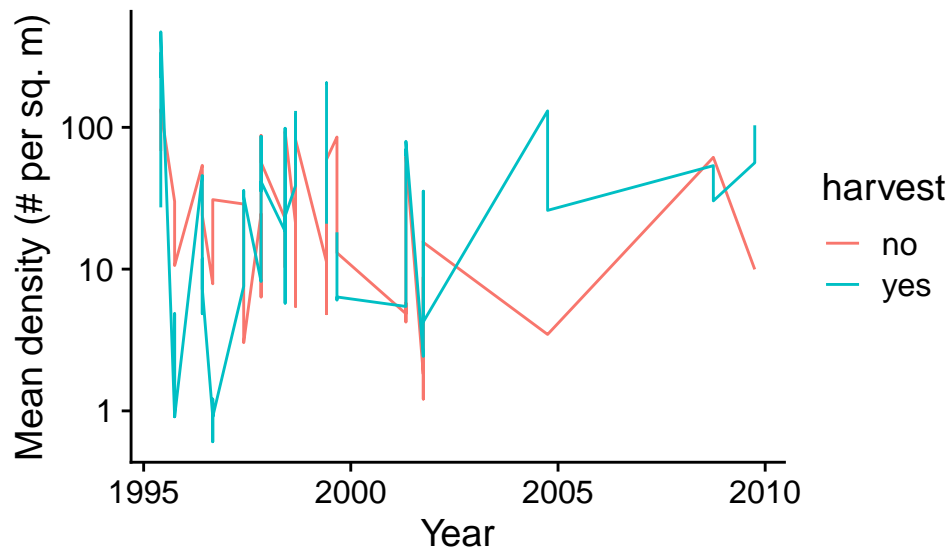


Figure 1: *Baetis* density in harvested and non-harvested catchments

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4. Discussion

Baetis sp. (Ephemeroptera) are used as stream quality indicators for catchments (Wallace and Gurtz, 1986).

References

J Bruce Wallace and Martin E Gurtz. Response of baetis mayflies (ephemeroptera) to catchment logging. *American Midland Naturalist*, page 25–41, 1986. Citation Key: wallace1986response Publisher: JSTOR.