




Version 4 ▼

Oct 19, 2022

# Invertebrate bulk sample metabarcoding protocol collection V.4

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1 Works for me

 Share[dx.doi.org/10.17504/protocols.io.j8nlkw4n6l5r/v4](https://dx.doi.org/10.17504/protocols.io.j8nlkw4n6l5r/v4)

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## ABSTRACT

This is a collection of protocols currently used in the LeeseLab to perform invertebrate bulk sample metabarcoding. Feel free to contact us if any questions arise.

## DOI

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## COLLECTION CITATION

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Version created by [Dominik Buchner](#)



## KEYWORDS

metabarcoding, malaise trap, lysis, DNA extraction, PCR cleanup, PCR normalization

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## ABSTRACT



This is a collection of protocols currently used in the LeeseLab to perform invertebrate bulk sample metabarcoding. Feel free to contact us if any questions arise.

## FILES

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Sample preparation and lysis of homogenized malaise trap samples  
**Version 1**  
by Dominik Buchner, University of Duisburg-Essen, Aquatic Ecosystem Research
- 

Guanidine-based DNA extraction with silica-coated beads or silica spin columns  
**Version 2**  
by Dominik Buchner, University of Duisburg-Essen, Aquatic Ecosystem Research
- 

PCR cleanup and size selection with magnetic beads  
**Version 2**  
by Dominik Buchner, University of Duisburg-Essen, Aquatic Ecosystem Research
- 

PCR normalization and size selection with magnetic beads  
**Version 2**  
by Dominik Buchner, University of Duisburg-Essen, Aquatic Ecosystem Research