

Biodiversity insights through a seamless eDNA partnership

eDNA Frontiers and Wilderlab NZ Ltd

Together, eDNA Frontiers and Wilderlab provide a full spectrum of eDNA services, delivering integrated biodiversity monitoring solutions to meet the growing needs of industry, government, research and communities.

- Wilderlab's ecosystem-scale approach to metabarcoding delivers holistic "tree of life" biodiversity data, providing broad insights to support a wide range of environmental monitoring applications.
- eDNA Frontiers specialises in advanced metabarcoding assays that provide deeper taxonomic resolution within a wide range of biodiversity groups. Additional capabilities include custom amplicon sequencing, research and development projects, species-specific qPCR assays, and tailored support services for environmental monitoring and research.

Together, the ability to target eDNA in a range of different environments for a variety of applications will enable a deeper ecological understanding to meet any biomonitoring challenge.



ENVIRONMENTAL DNA
BIOMONITORING SOLUTIONS

Innovative technology solving
complex environmental challenges
through biodiversity profiling



Make tomorrow better.

ednafrontiers.com

Together, eDNA Frontiers and Wilderlab offer an expanded suite of sampling and analytical options across a wide range of environmental sample types. From simple water collection using field-ready syringe filtration kits to the analysis of sediments, biofilms, passive air filters, gut contents, scats, and other substrates, the partnership provides flexible, fit-for-purpose solutions for projects of all scales.

Datasets from both Wilderlab and eDNA Frontiers can be integrated together in the online eDNA Viewer application, creating new opportunities to explore biodiversity patterns across projects and datasets. Interactive mapping, filtering, and visualisation tools enable users to investigate taxonomic groups, compare results, and efficiently generate publication-ready figures and stakeholder reporting outputs.

While some techniques are linked to particular analyses for now, the goals of the partnership will aim to broaden the possibilities for detections and help everyone make the best of their eDNA experience.

Learn more

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Traces of genetic material left behind by living organisms can be collected from environmental water and analysed to provide insights into the organisms living in the area. This can be done using Wilderlab's holistic community assay panels, or eDNA Frontiers refined and targeted taxonomic methods. Lower graphic modified from Wilderlab NZ Ltd.



Wilderlab ([Wilderlab.co.nz](https://wilderlab.co.nz)) is a specialist environmental DNA (eDNA) testing laboratory in Wellington, Aotearoa New Zealand. Since their establishment in 2019, their mission has been to create low cost, easily accessible, standardised eDNA monitoring tools which anyone can use to tackle a range of environmental challenges.



eDNA Frontiers (ednafrontiers.com) is based at Curtin University, Perth WA and is the commercial services arm to the world leading academic team at the Trace and Environmental DNA lab (TrEnD). Their aim has been to translate the exciting eDNA research developments into accessible services for industry, government and the wider community.

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