

Smithson Environmental

Environmental Genetics Laboratory

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Experienced, Professional Environmental Genetics Testing Service

Sample Identification Service by DNA Barcoding:

- Plant species and varietal/provenance ID from seeds prior to planting – native and agricultural samples tested
- Plant ID from field samples - leaves, seeds, roots, herbarium
- Animal ID from field samples – hair, scat, insects
- Fungal and microbial ID – from environmental samples or cultures

Identify or assess your samples, efficiently and effectively with ID level to your requirements

Competitive pricing, single samples or multiple sample discounts

Microbial Diversity Service:

- Microbial diversity quantified
 - Soil, water, air, surface swabs, composts
 - Highly experienced laboratory, challenging samples including high-organic soils a speciality
 - Two services available:
 - Index of microbial diversity
 - Diversity by DNA sequencing
 - Clear reporting
 - Comparison of diversity levels between samples
- Competitive pricing, single samples or multiple sample discounts*

Plant Diversity:

- Quantify genetic diversity between samples within populations, seed lots or plantings
- Restoration planting and seed lots a speciality

Contact us for further information



***Phytophthora* (dieback) surveys and testing:**

- Single samples to full block surveys
- Soil and tree sampling with testing
- Testing service for your samples
- Laboratory uses latest genetics techniques for identification
- Clear reports
- Other diseases tested on request