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Beyond redundancy and multiplicity. Integrating phytolith analysis and micromorphology to the study of Brussels Dark Earth

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2 **Beyond redundancy and multiplicity. Integrating**
3 **phytolith analysis and micromorphology to the study**
4 **of Brussels Dark Earth**

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17 **Abstract**

18 Multiplicity, when different phytolith morphotypes are produced within a taxon, and redundancy,
19 when the same phytolith morphotypes are produced by different taxa, are persistent challenges in
20 phytolith analysis. This article discusses and demonstrates how micromorphological and
21 phytolith analyses of soil thin sections can be integrated to address issues of redundancy and
22 multiplicity, as well as depositional history when studying archaeological soils and sediments.

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