

M4: Morphological characterization of arbuscular mycorrhizal fungi

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The detection and quantification of arbuscular mycorrhizal fungi (AMF) in roots and rhizospheric soil are essential in mycorrhizal research. The objective of this training is to provide the basic steps for spore extraction, root staining and observation of the intraradical structures of the AM symbiosis. The activity will be subdivided into two parts. The first is to observe and identify the different AMF structures developing within the roots by cleaning and staining the roots. The second is to extract and to identify the spores from soil based on their morphology.

