

Do you know who is  
the hero of every plant?

It's fungi because  
90% of terrestrial  
plants cannot  
survive without  
them.

Estonian researcher  
Maarja Öpik and her  
colleagues have studied the  
DNA of a mysterious fungi  
group invisible to the naked  
eye - arbuscular mycorrhizal  
fungi (AMF).

These fungi provide plants  
with nutrients from soil.  
They also protect plants  
from pathogens and  
environmental stress and  
create healthy soil structure.

Hence AMF play  
a major role in  
plant biodiversity  
and ecosystem  
productivity.



Photo by Tanel Vahter



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