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Effect of depleted uranium on a soil microcosm fungal community and influence of a plant-ectomycorrhizal association

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$U_{HNO_3} = 137 \text{ mg}$

$U_{HNO_3} = 343 \text{ mg}$



DEPLETED URANIUM
CONTAMINATED SOIL



MYCORRHIZAL
PINES

NON-MYCORRHIZAL
PINES

?

$U_{HNO_3} = 125770 \text{ mg}$
 $U_{AA} = 31670 \text{ mg}$
 $U_{H_2O} = 11 \text{ mg}$

$U_{HNO_3} = 85180 \text{ mg}$
 $U_{AA} = 15310 \text{ mg}$
 $U_{H_2O} = 9 \text{ mg}$

$U_{HNO_3} = 333500 \text{ mg}$
 $U_{AA} = 104320 \text{ mg}$
 $U_{H_2O} = 34 \text{ mg}$

NO PINES

Scleroderma sp.

Mortierella sp.