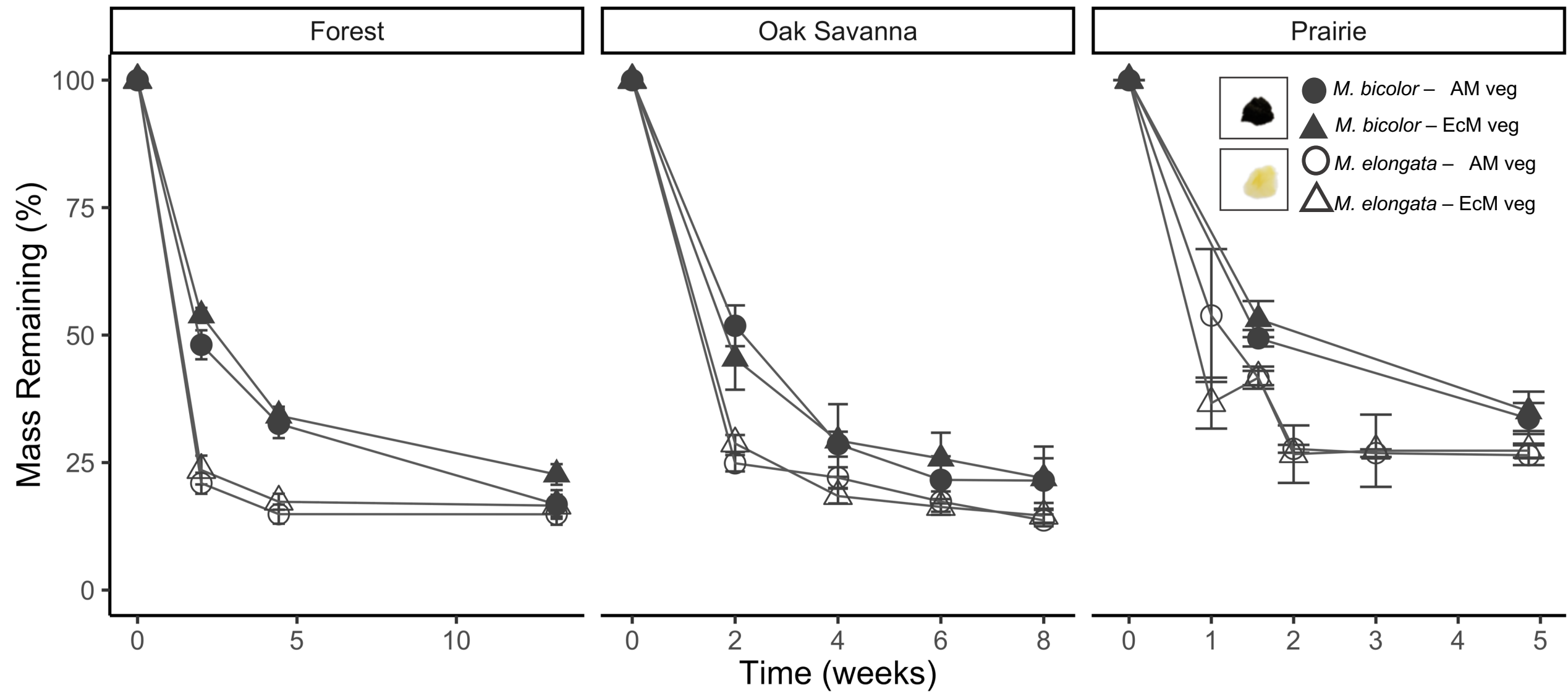


Location	Site Vegetation Type	Latitude	Longitude	Soil Description	Mycorrhizal Association	Common Plant Species	pH	Soil moisture (%VWC)
CCESR	Prairie	45°26' N	93°11' W	Outwash derived entisols with a fine sand texture.	AM	<i>Agropyron repens</i> , <i>Calamagrostis Canadensis</i> , <i>Poa pratensis</i> , <i>Andropogon gerardi</i> , and <i>Schiacharium scoparium</i>	4.84 ± 0.02	13.4 ± 0.3
		45°24' N	93°12' W		EcM	<i>Helianthemum bicknellii</i>	4.97 ± 0.04	12.7 ± 0.3
	Oak Savanna	45°23' N	93°10' W		AM	<i>Poa spp.</i> , <i>Ambrosia sp.</i> , and <i>Agropyron sp.</i>	5.25 ± 0.03	10.1 ± 0.5
		45°41' N	93°18' W		EcM	<i>Quercus ellipsoidalis</i> <i>Quercus macrocarpa</i>	4.34 ± 0.04	11.1 ± 0.4
MCRP	Temperate Forest	39°05' N	86°28' W	Sandstone derived inceptisols with a silty loam texture	AM	<i>Acer saccharum</i> , <i>Liriodendron tulipifera</i> , <i>Prunus serotina</i> and <i>Sassafras albidu</i>	4.66 ± 0.1	8.44 ± 0.4
					EcM	<i>Quercus rubra</i> . <i>Quercus</i> <i>velutina</i> , <i>Quercus alba</i> <i>Carya glabra</i> and <i>Fagus grandifolia</i>	3.42 ± 0.02	5.16 ± 0.4



## Single exponential model K values

Site Vegetation Type	Isolate	%N	C:N	[Melanin]	K(wk <sup>-1</sup> )
Prairie	<i>Meliniomyces bicolor</i>	3.06 ± 0.14	13.7 ± 0.13		0.34 ± 0.03
	<i>Mortierella elongata</i>	7.26 ± 0.46	6.17 ± 0.38		0.54 ± 0.03
Oak Savanna	<i>Meliniomyces bicolor</i>	3.06 ± 0.14	13.7 ± 0.13		0.29 ± 0.02
	<i>Mortierella elongata</i>	7.26 ± 0.46	6.17 ± 0.38		0.48 ± 0.03
Temperate Forest	<i>Meliniomyces bicolor</i>	3.06 ± 0.14	13.7 ± 0.13		0.26 ± 0.02
	<i>Mortierella elongata</i>	7.26 ± 0.46	6.17 ± 0.38		0.65 ± 0.05