

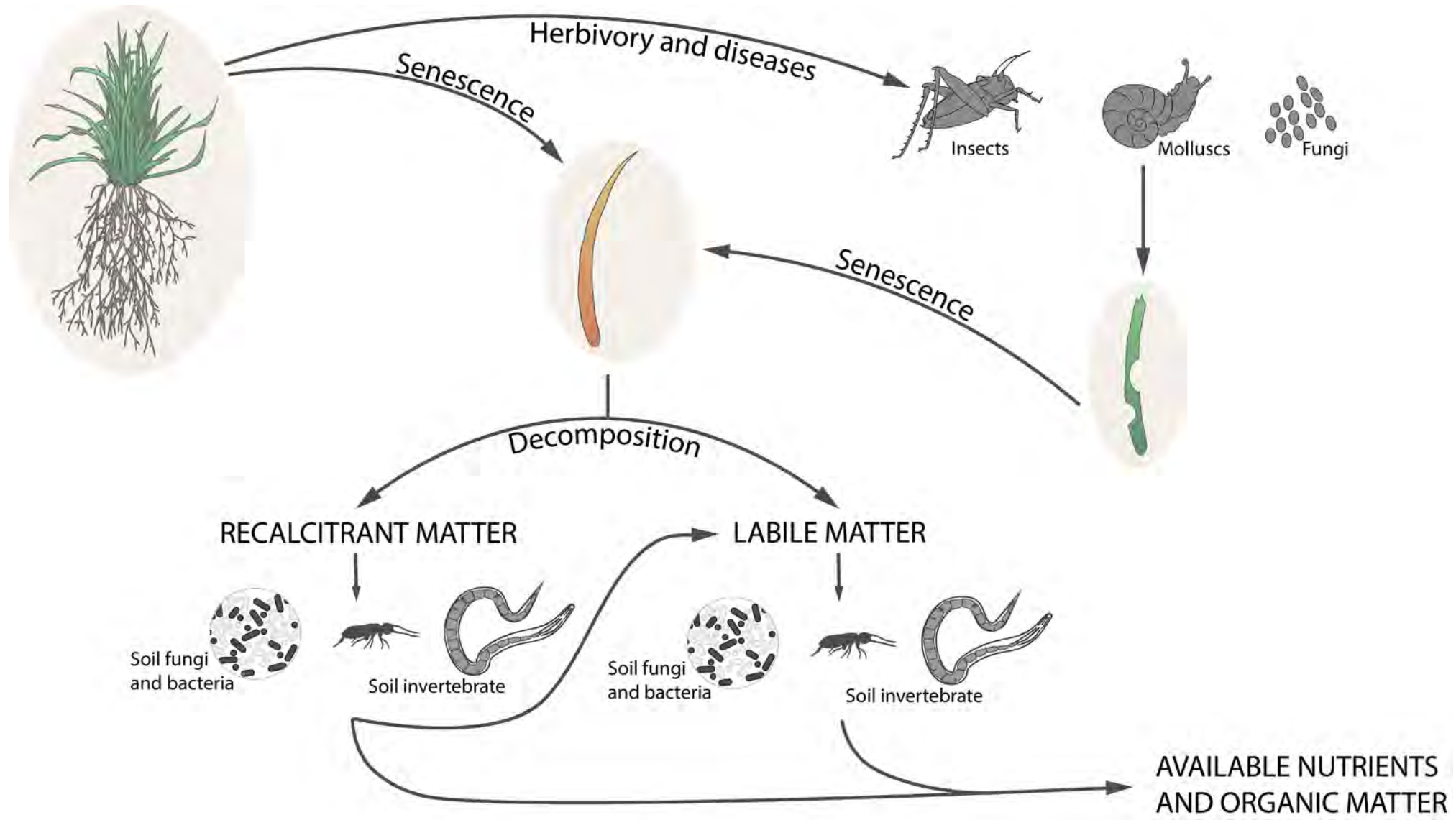
Warming and Biotic Interactions Shape Soil Processes in Tundra Ecosystems

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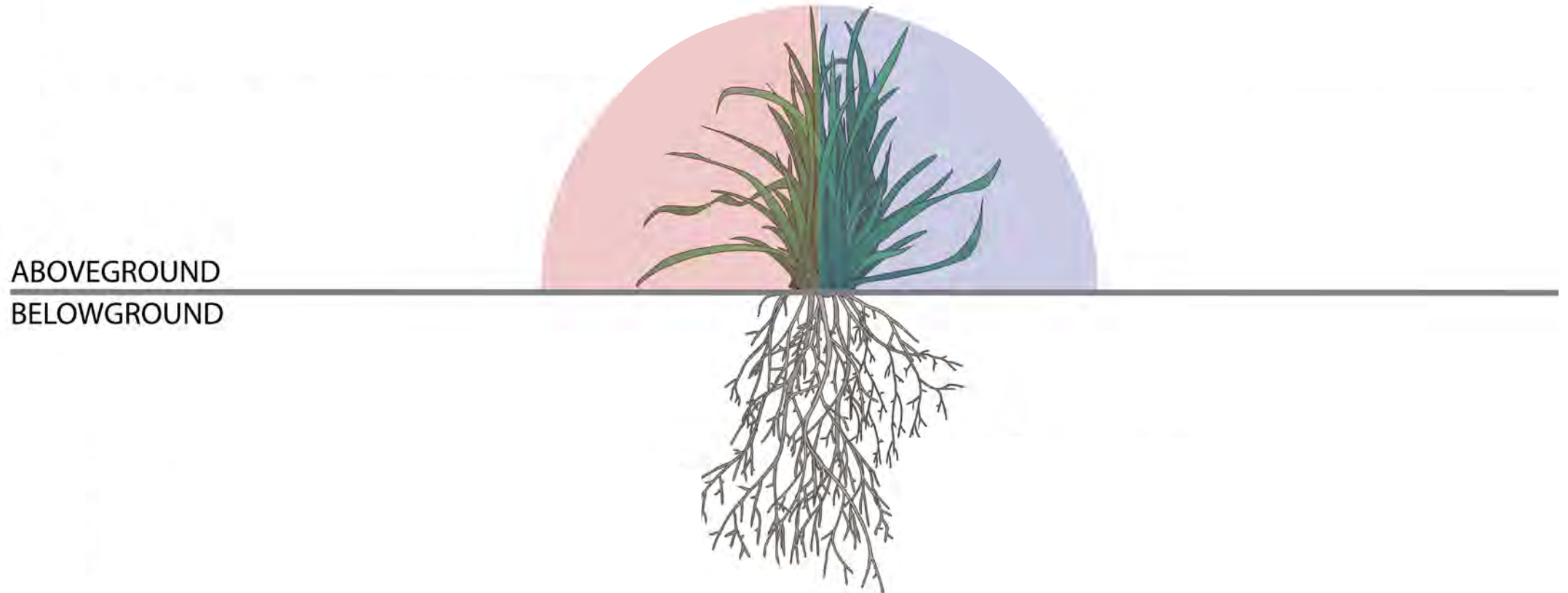
ITEX meeting – September 2025

Decomposition



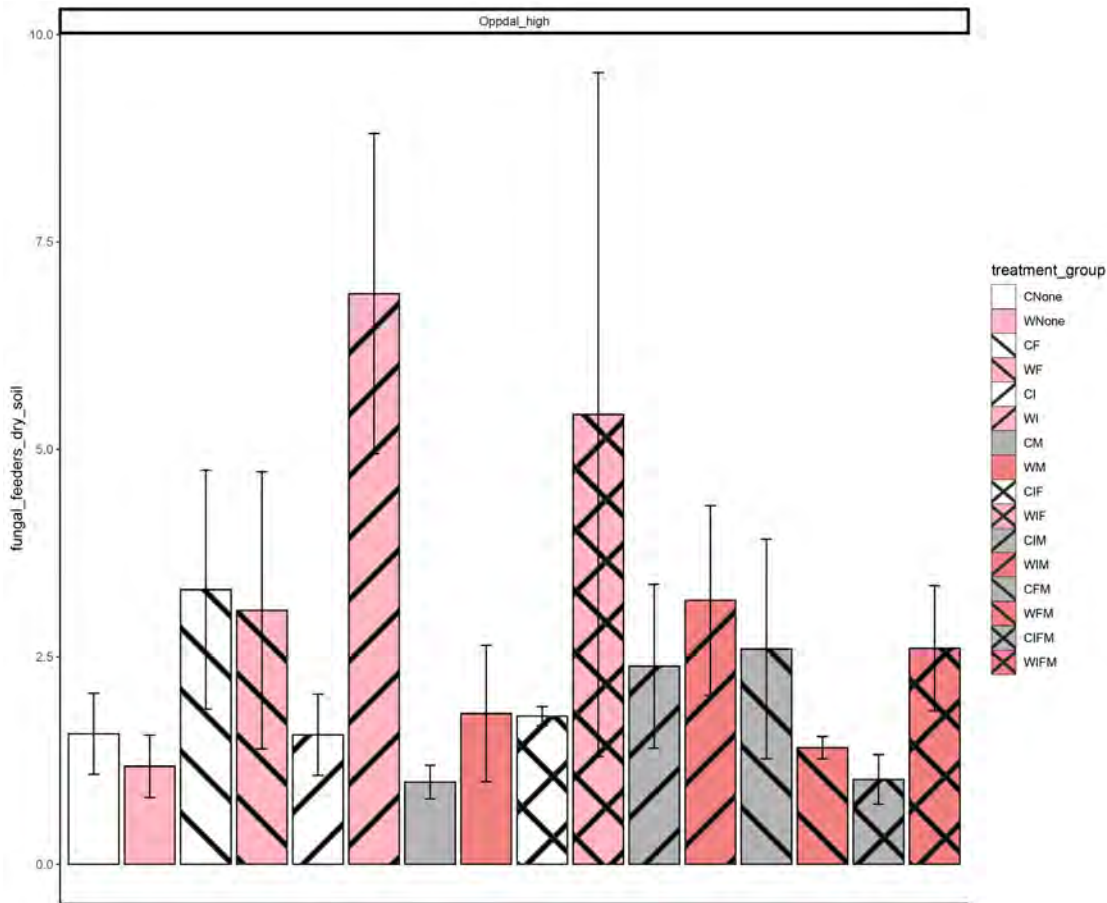


Experimental set up

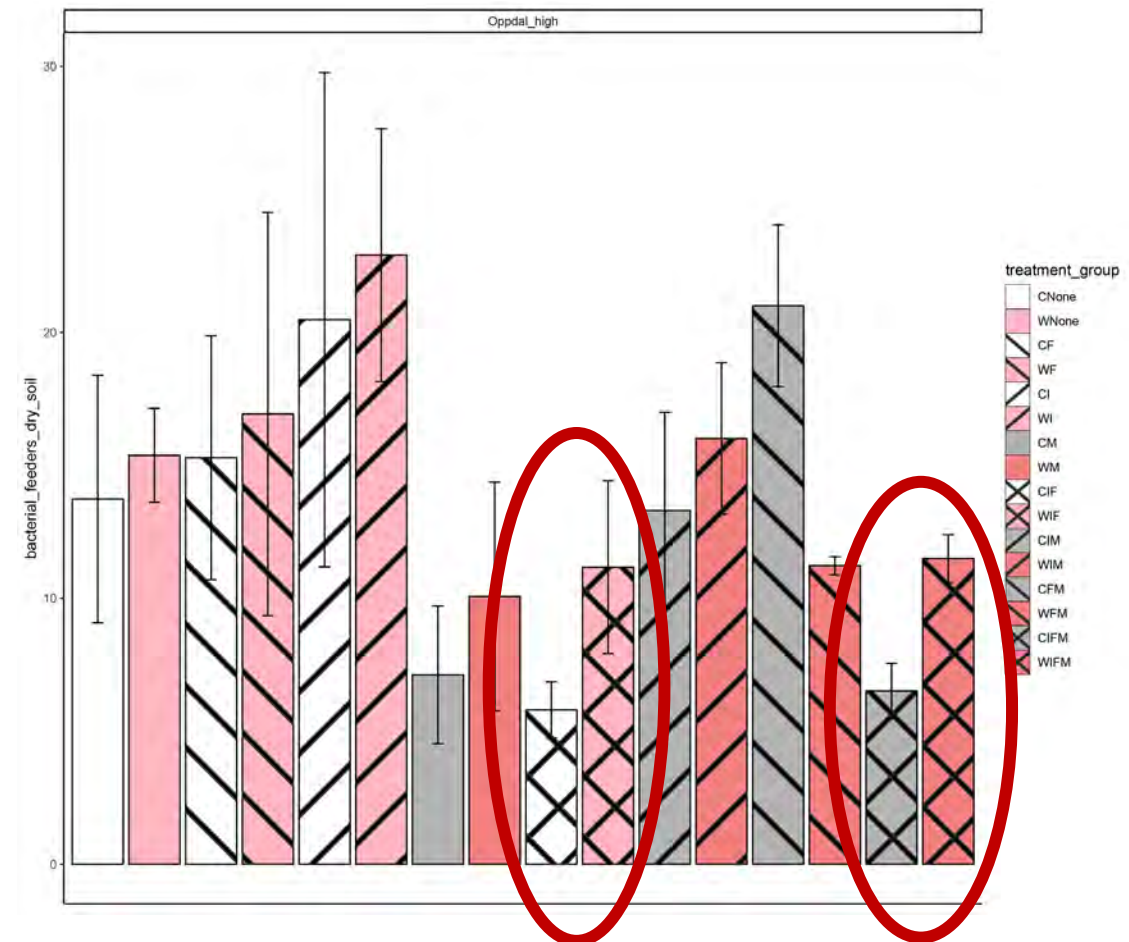




Nematode results – trophic groups

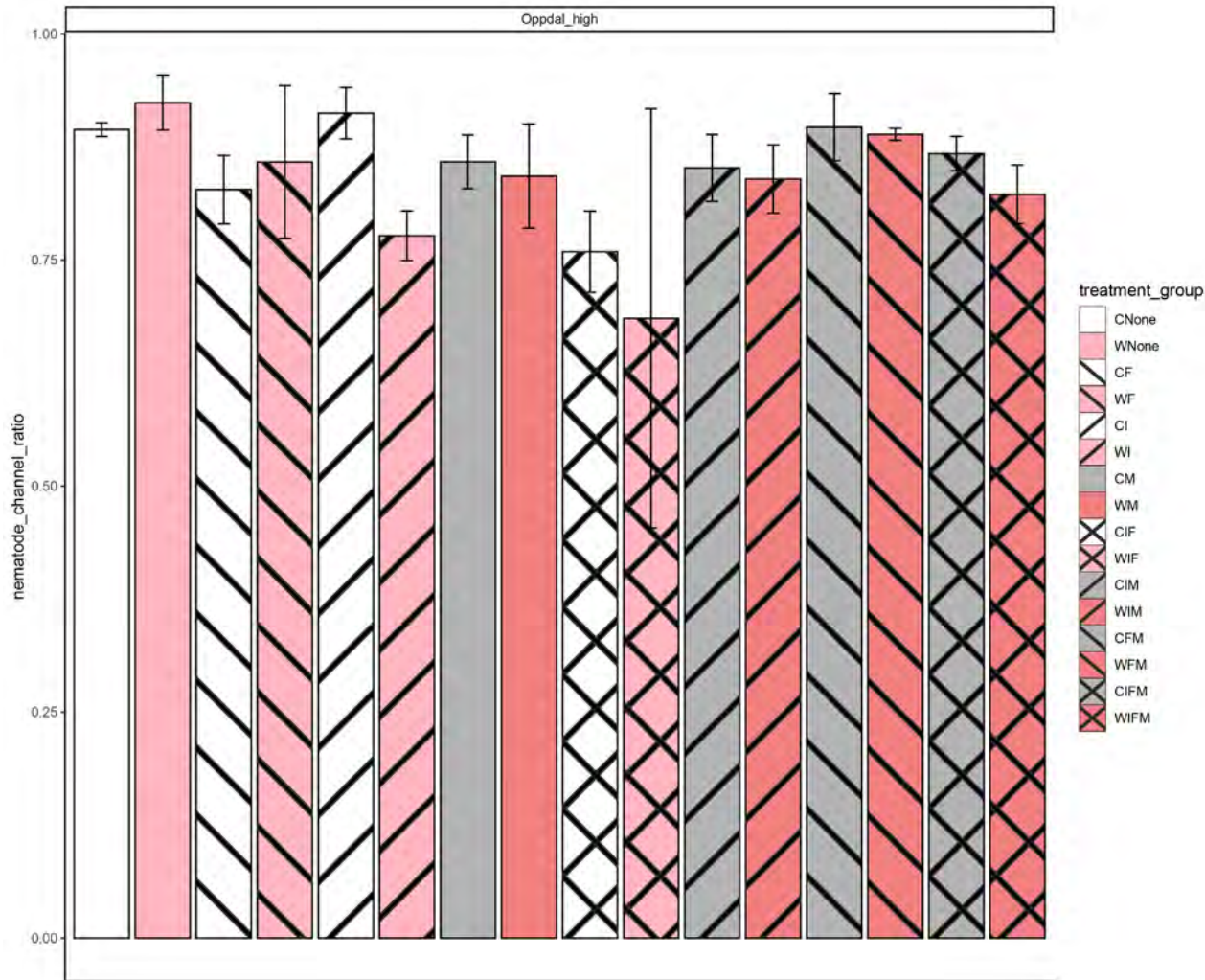


- Significant effect of warming



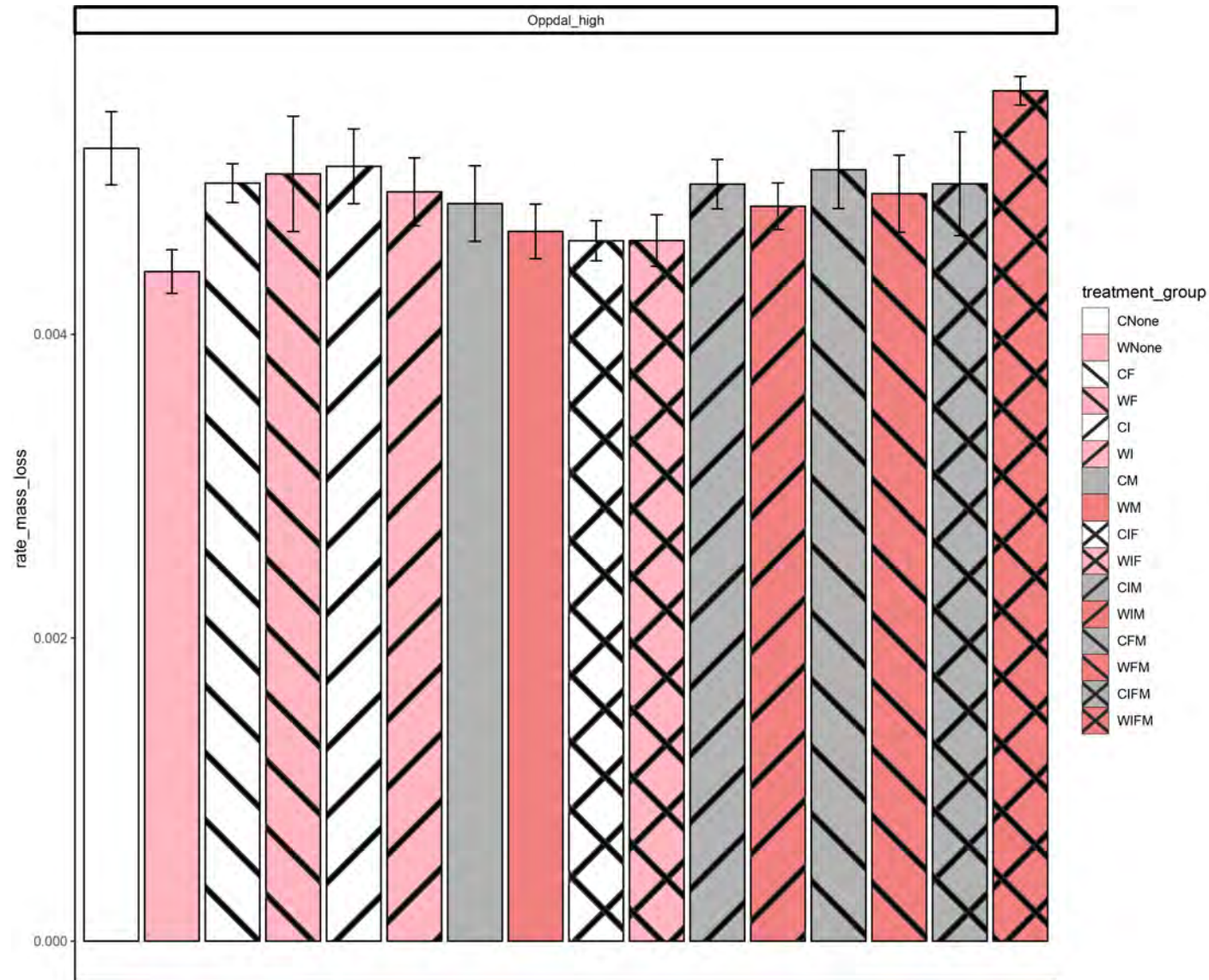
- Significant effect of I:F

Nematode results – channel ratio



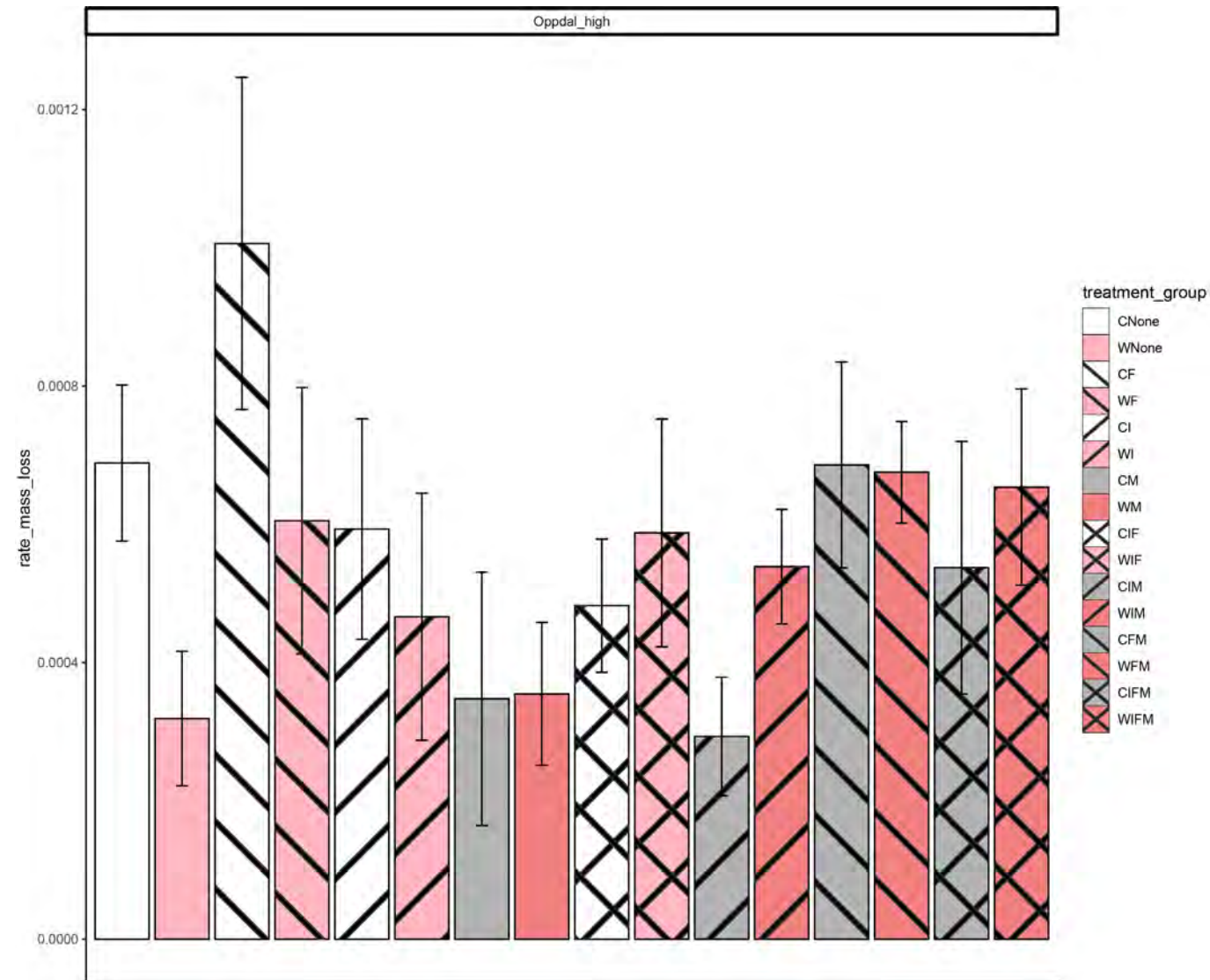
- No significant effects of the treatment

Decomposition results – green tea



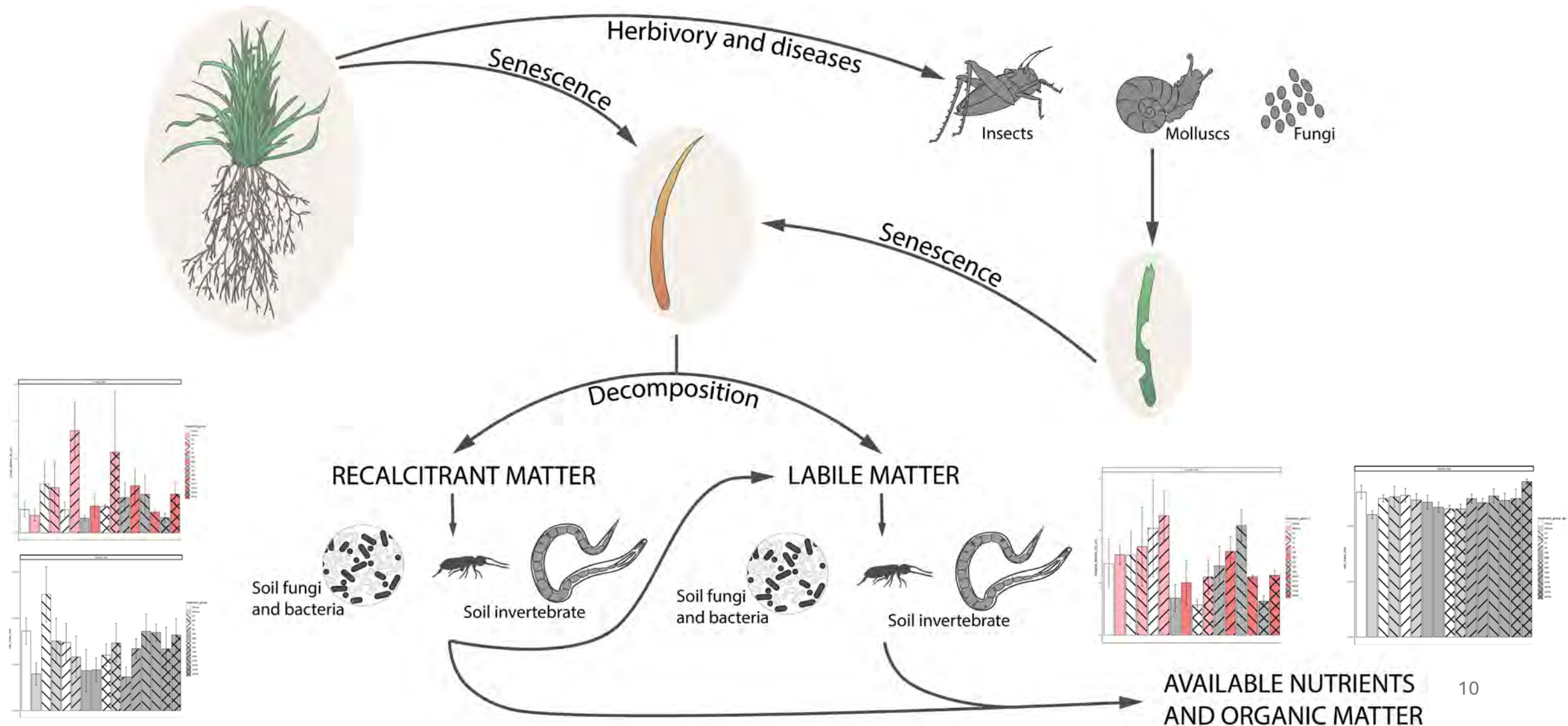
- No significant effects of the treatment

Decomposition results - red tea



- No significant effects of the treatment

Decomposition

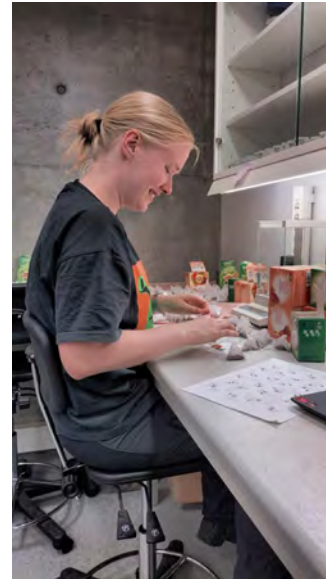


More sites to come

- Warming is impacting the nematode community
- Presence of fungi seems to impact the decomposition of the red tea

But mostly a huge variation between sites

Thank you for the help of



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