

Can Beetle Boxes Help Deadwood Insects Cross Tree Age Gaps?



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What is 'Saproxylic'?



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Deadwood Diversity



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Ecosystem Functioning



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The Threats to Deadwood Species



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The Beetle Box Concept



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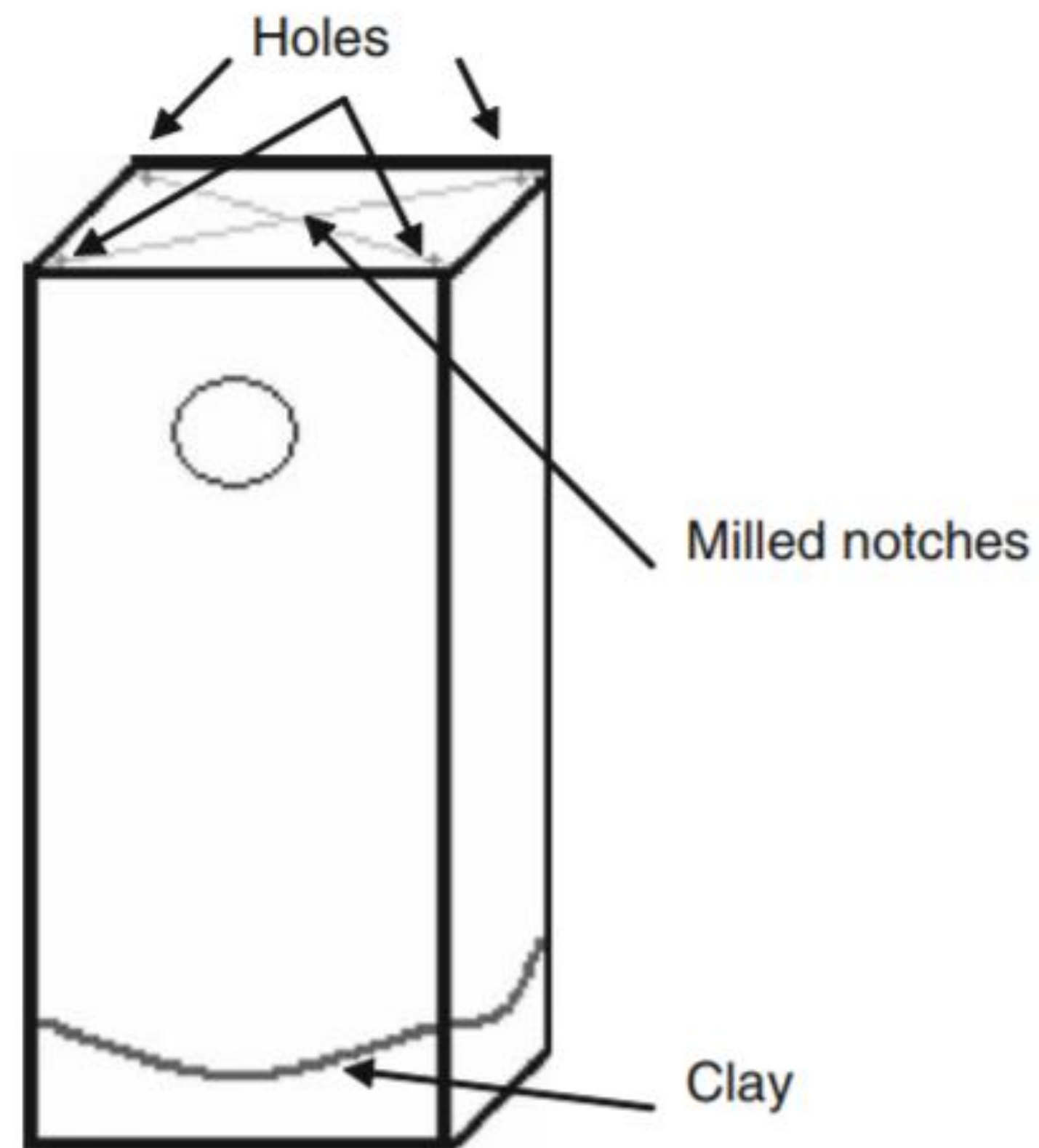
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The Goal of a Beetle Box



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Inspiration Behind the Beetle Box



Jansson, N., Ranius, T., Larsson, A., & Milberg, P. (2009). Boxes mimicking tree hollows can help conservation of saproxylic beetles. *Biodiversity and Conservation*, 18(14), 3891-3908.



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Beetle Box Installation



Main Box Locations



Box Types Trialled



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Box Contents Trialled



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Sampling Methods



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Winkler Extraction Trapping



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Some of the Beetle Diversity Found

Ptiliidae



Latridiidae



Cryptophagidae



Curculionidae



Staphylinidae



Carabidae



Clambidae



Corylophidae



Ptinidae



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Other Groups Being Identified



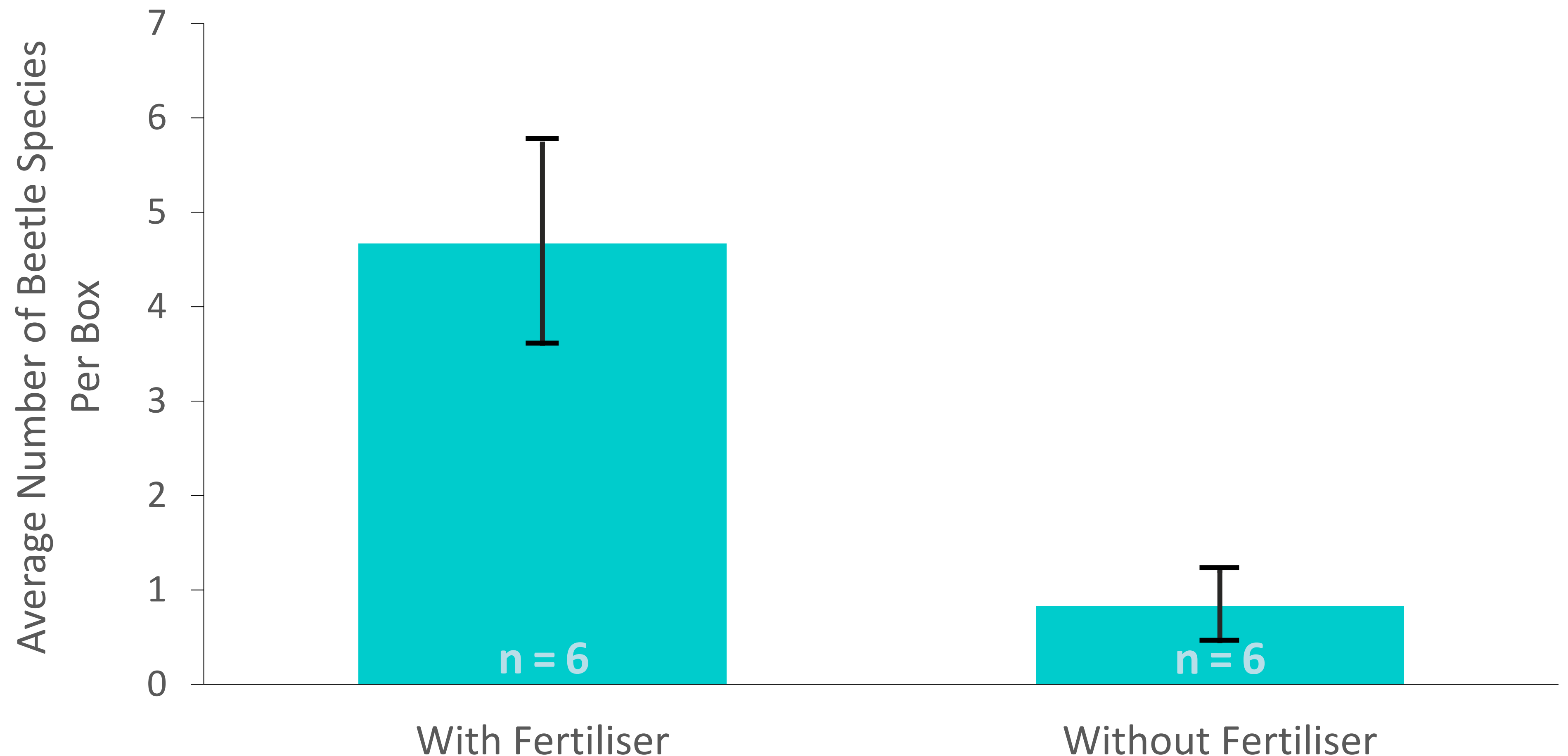
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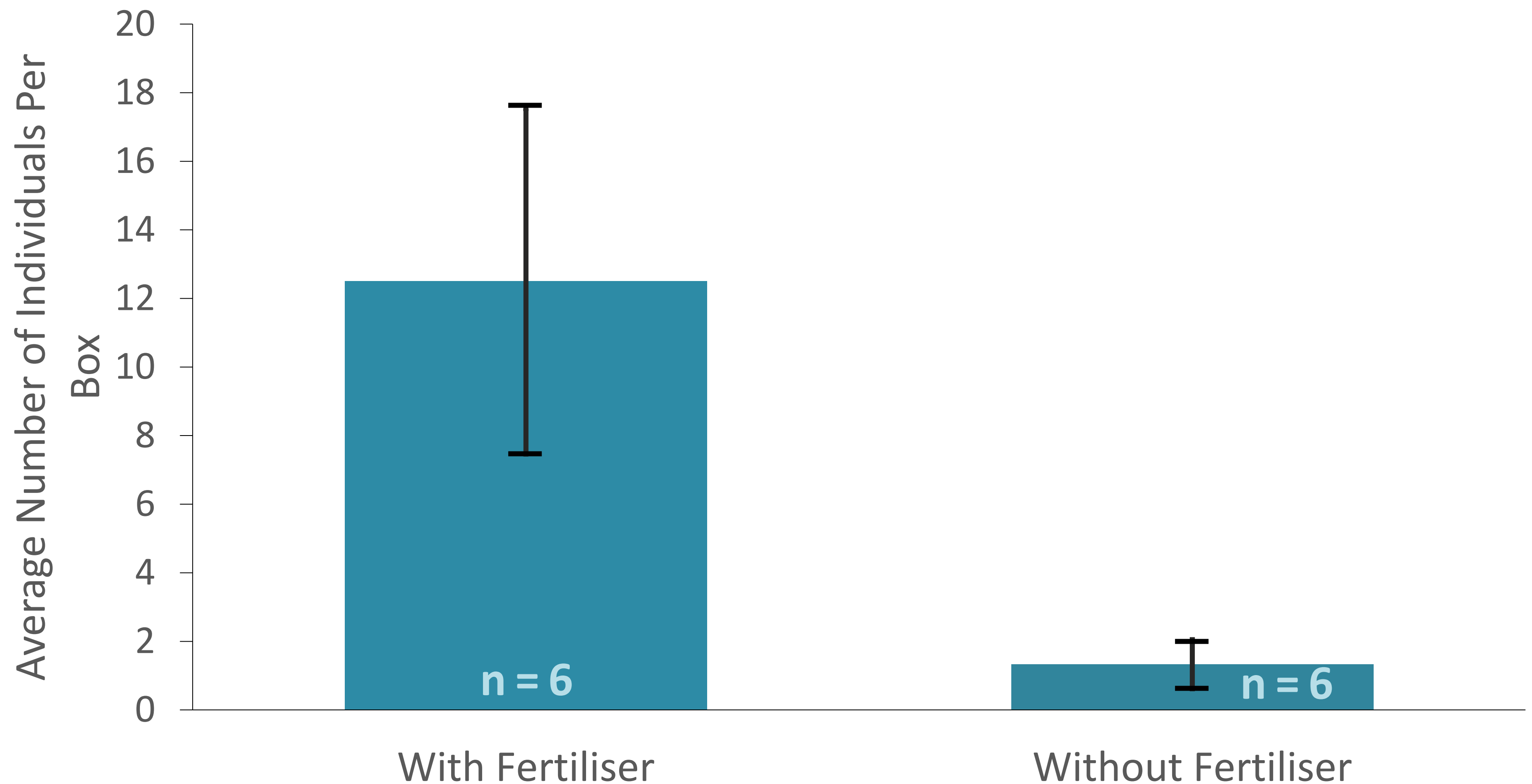
Preliminary Results

Bredon Hill Boxes - Number of Beetle Species



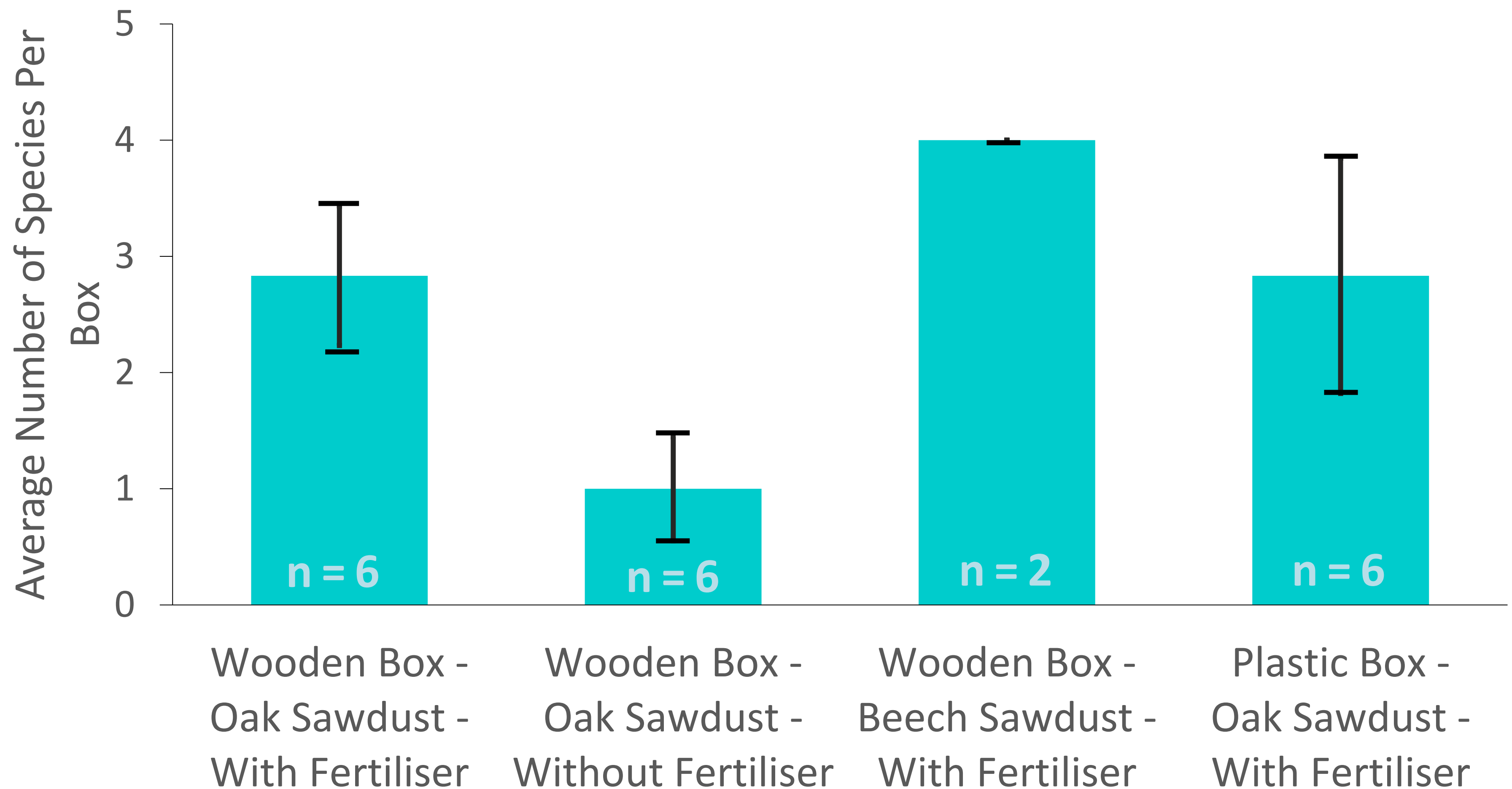
Preliminary Results

Bredon Hill Boxes – Number of Beetle Individuals



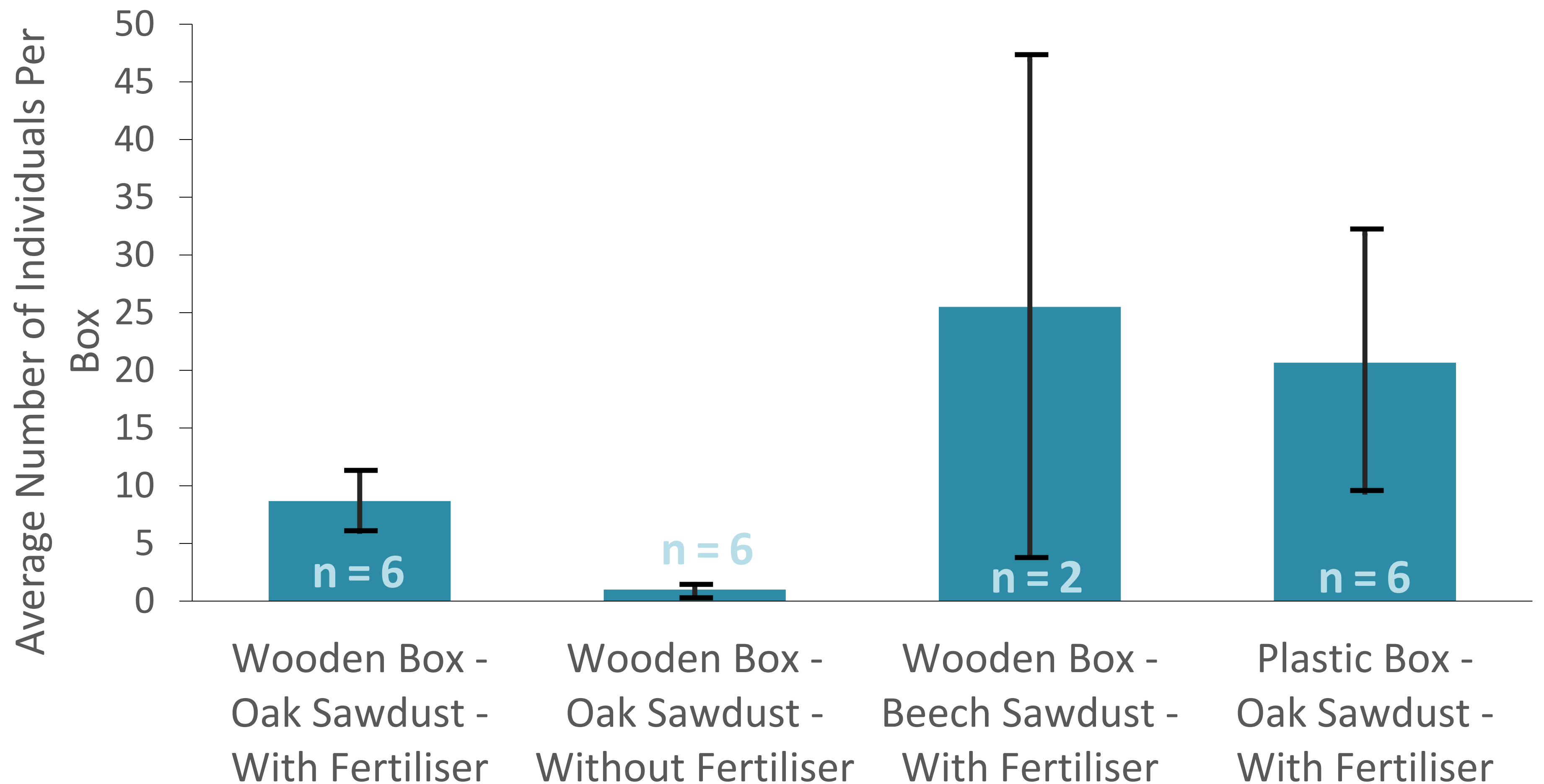
Preliminary Results

Windsor Forest Boxes – Number of Beetle Species



Preliminary Results

Windsor Forest Boxes – Number of Beetle Individuals





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**National
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•Project supervisors

- Dr Stuart Connop
- Dr Caroline Nash
- Dr Richard Lindsay



Thank You for Listening

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