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How Novel are Hybrid Hosts? Soil Microbial Communities Associated with Oak

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Abstract: Soil microbial communities play many critical roles in ecosystem health and function, including nutrient cycling, decomposition, carbon storage, plant growth, and disease dynamics. Thus, it is important to understand the complex ecological and evolutionary dynamics that give rise to the unique bacterial and fungal communities associated with many plant species. Here we characterize and explore soil microbial communities associated with a range of Texas oak populations—*Quercus fusiformis* in Central Texas, *Quercus virginiana* in coastal, Eastern Texas, and the *Quercus* hybrids emerging in the sympatric zone in the middle.

Wednesday, March 11th | 2:00pm–3:15pm | Science Hall 126 & Zoom

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