



Supplementary Figure S1. Scaled relative abundance of all OTUs from the fresh leaves and leaves decomposing in either wet or dry habitat. Individual tiles represent the individual samples (total N = 24).

Supplementary Table S1. Node degrees for keystone OTUs for individual location's meta-networks, defined as nodes within the top 5% of node degree values of each network.

| | Fresh leaves | Dry habitat | Wet habitat |
|--------------|-------------------------|------------------------|------------------------|
| Ajellomyces | | | 18 |
| Arthroderma | 20 | | |
| Aspergillus | | | 18 |
| Botryotinia | 20 | | |
| Chaetomium | | | 18 |
| Coccidioides | | | 18 |
| Gibberella | 20 | | |
| Magnaporthe | | | 18 |
| Neurospora | | | 18 |
| Podospora | | | 18 |
| Talaromyces | 20 | 21 | 18 |
| Uncinocarpus | 20 | | 18 |
| Verticillium | | | 18 |