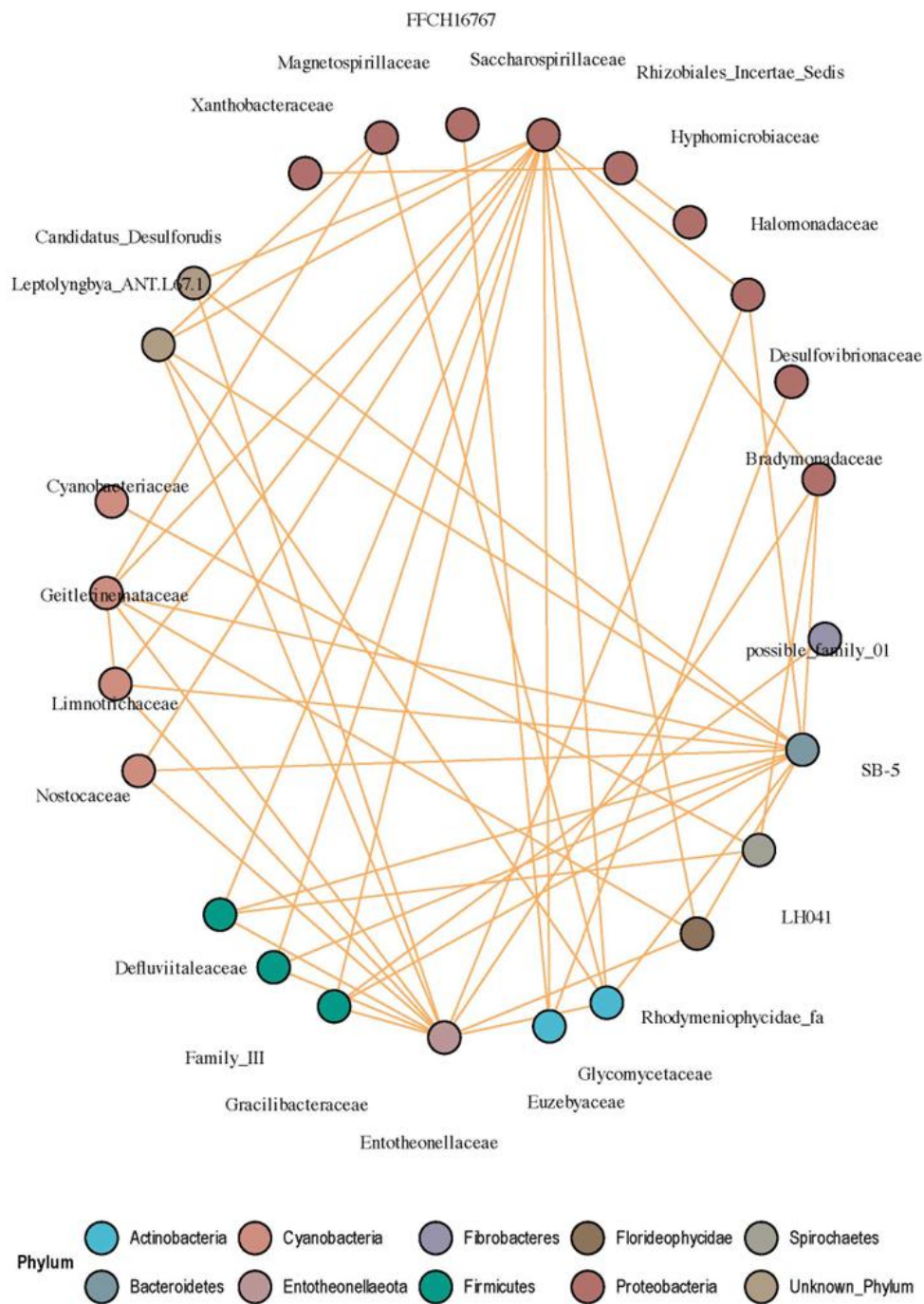


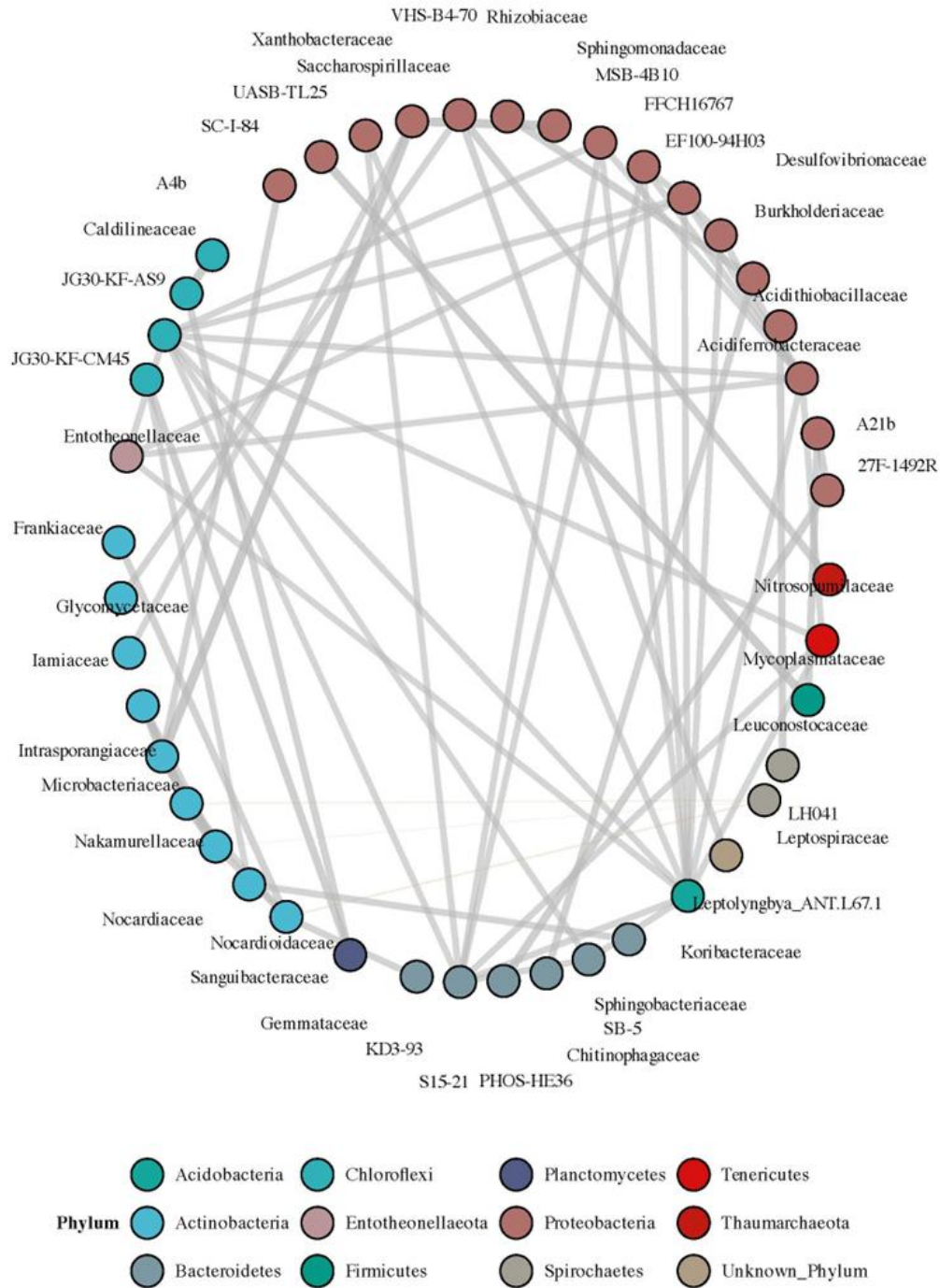
A

Subnetwork Shared Among All Three Fumigation Status



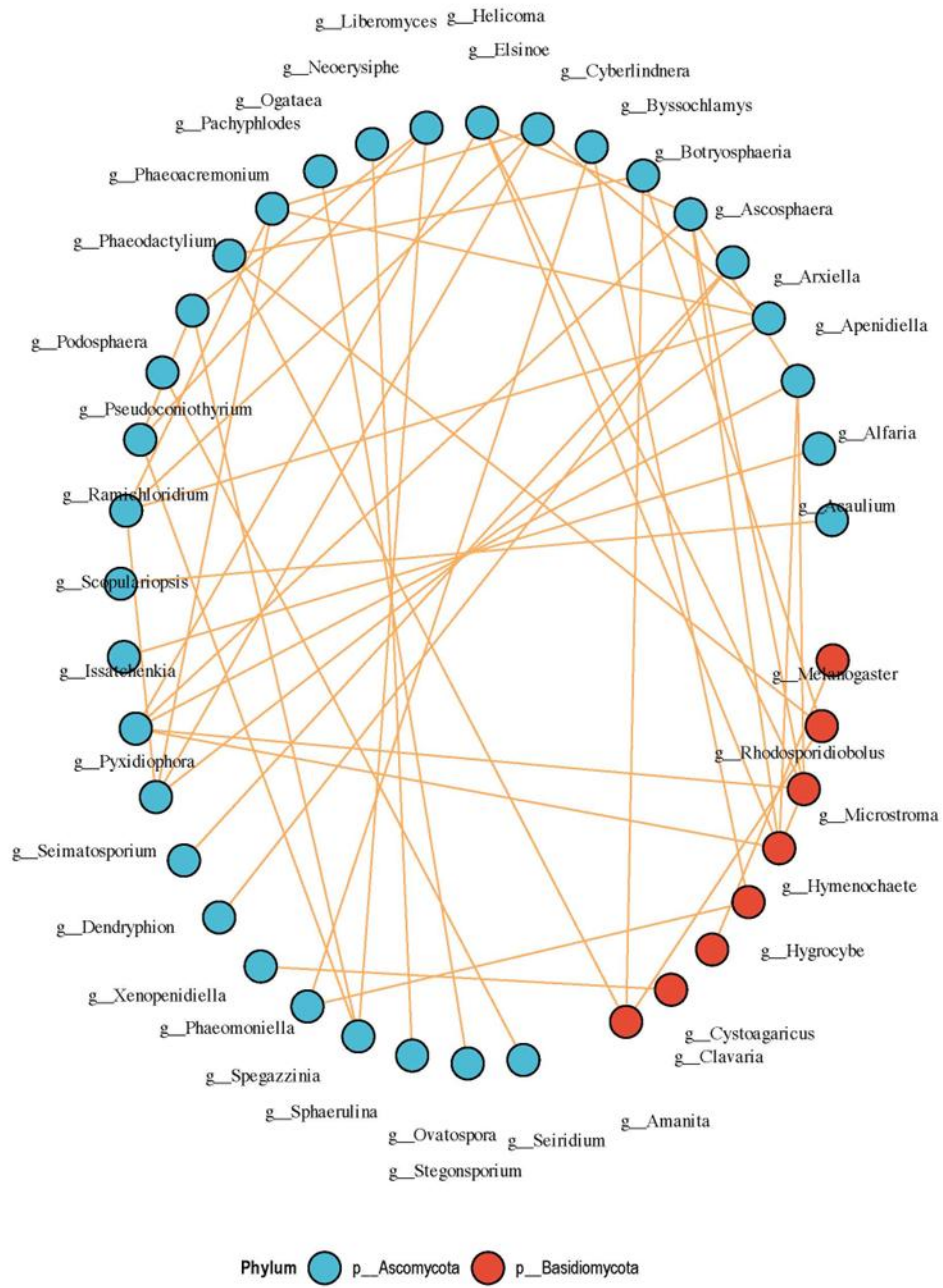
B

Subnetwork Specific to Past Fumigation Status



C

Subnetwork Shared Among All Three Fumigation Status



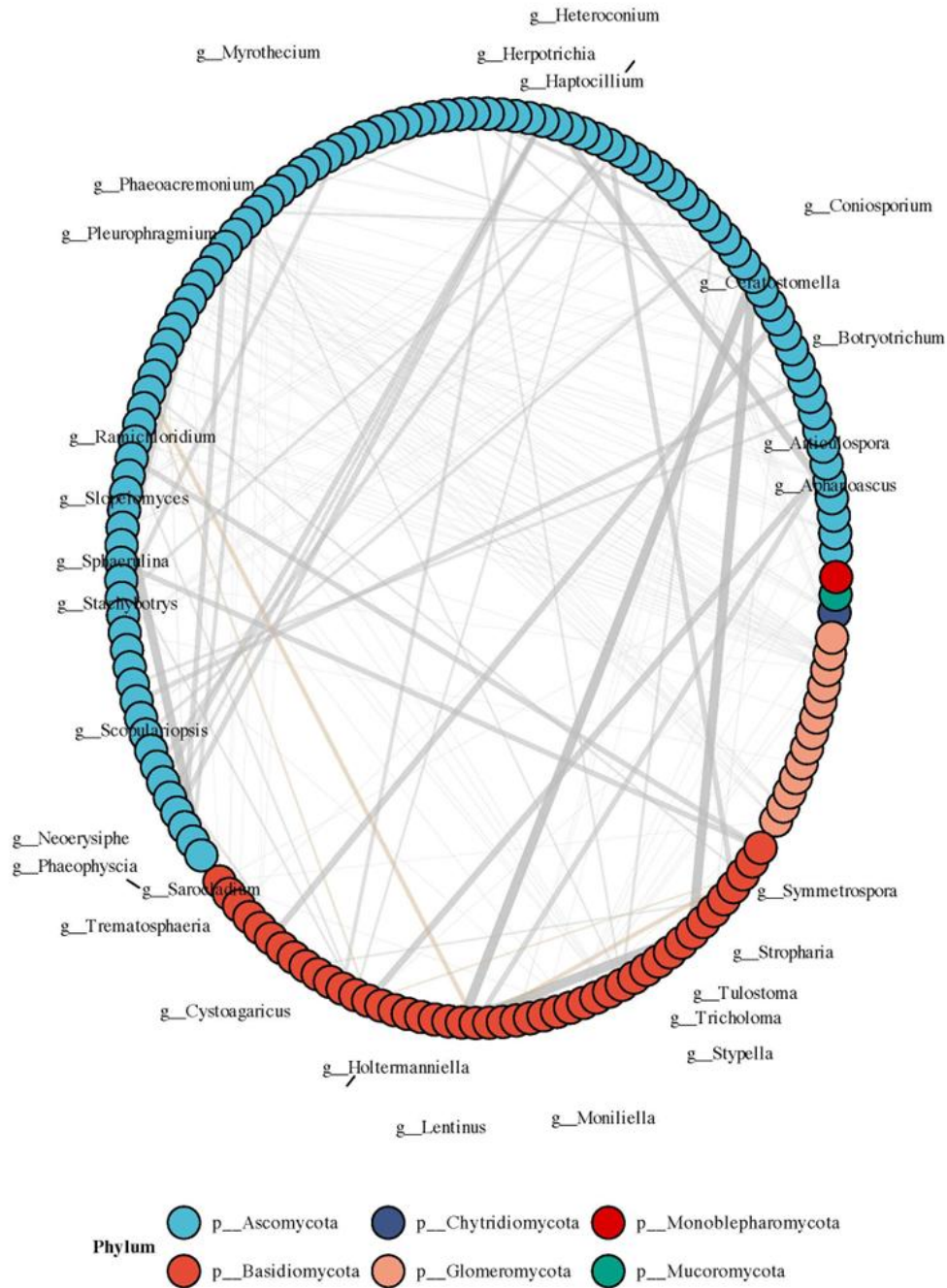
D**Subnetwork Specific to Past Fumigation Status**

Figure 5. Microbial co-occurrence subnetworks of bacterial families and fungal genera across fumigated and non-fumigated soils. Each circular network represents a unique subset of microbial interactions: (A) shared bacterial families among all three fumigation statuses, (B) bacterial families specific to past fumigation, (C) shared fungal genera among all three fumigation statuses, and (D) fungal genera specific to past fumigation. Nodes represent taxa, and edges represent interactions between the taxa (positive or negative). Recent fumigated soils showed a difference in both bacterial and fungal taxa distribution as compared to non-fumigated and past fumigated soils.