

Seasonality affects the community of endophytic fungi
in coconut (*Cocos nucifera*) crop leaves

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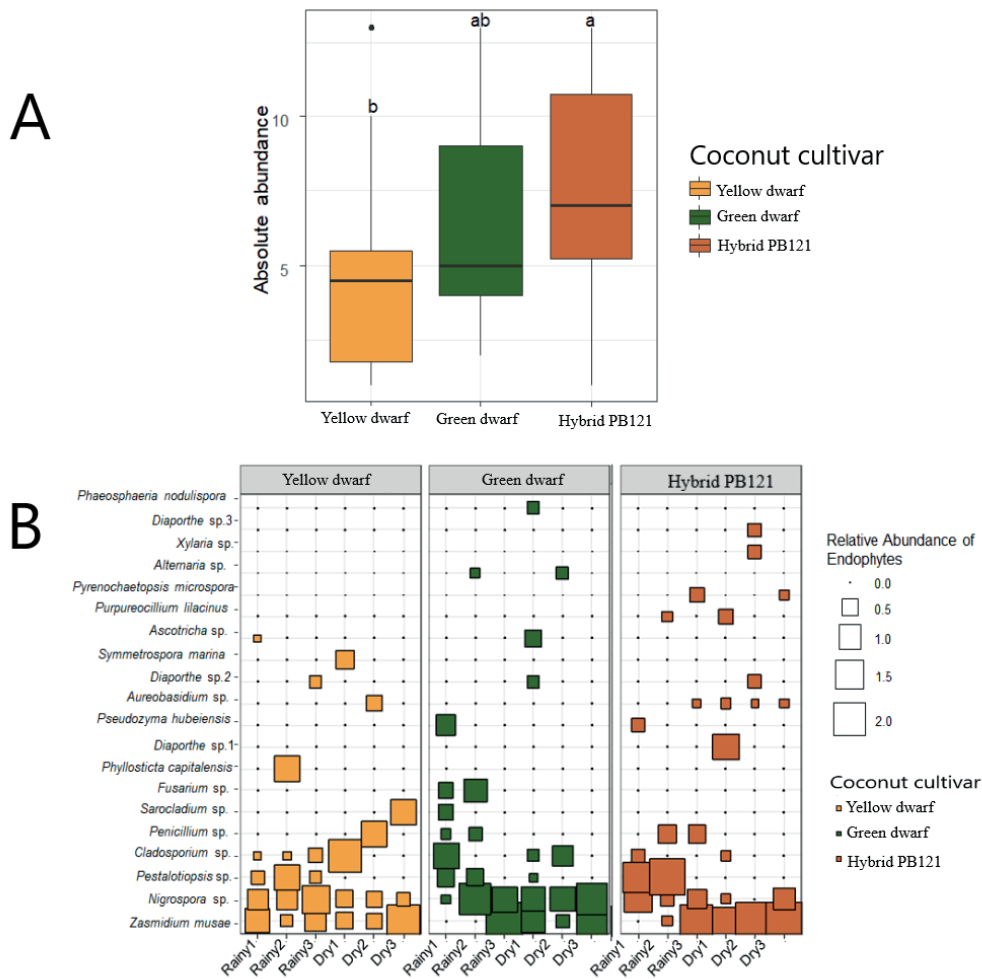


Figure S1. (A) Absolute abundance of endophytic species within sampling plots, grouped by coconut cultivar. Median (bold line), interquartile range (box), and lower-upper values (whiskers) are shown (outlying values are indicated by points). Different letters represent significant differences identified using the general linear model (GLM) and post hoc Kruskal-Wallis test for multiple comparisons ($p < 0.05$). **(B)** The twenty most abundant fungal taxa (y-axis) are sorted by increasing abundance (square size) in relation to sampling time (x-axis) for the three coconut cultivars. 452 x 419 mm (300 x 300 DPI).



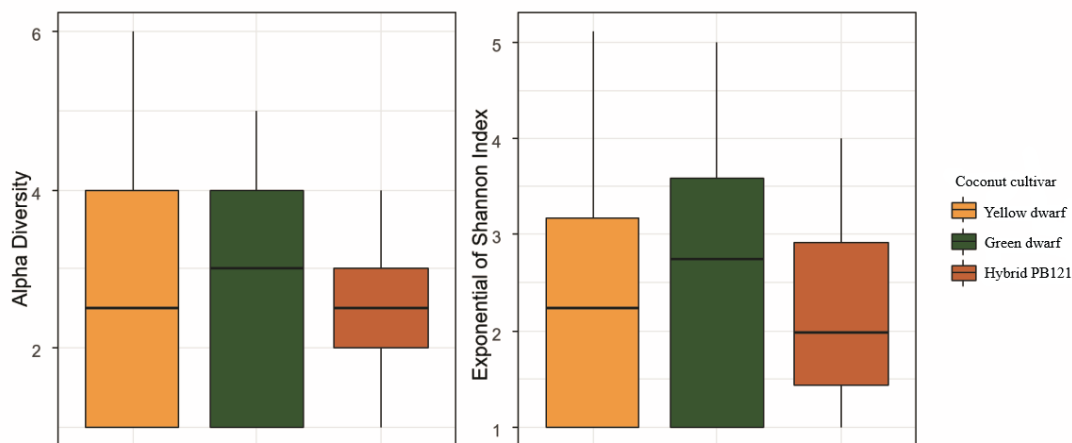


Figure S2. Alpha diversity (species number) and effective species number (exponential of Shannon-Weaver diversity index) within sampling plots, grouped by coconut cultivar. Median (bold line), interquartile range (box), and lower-upper values (whiskers) are shown.

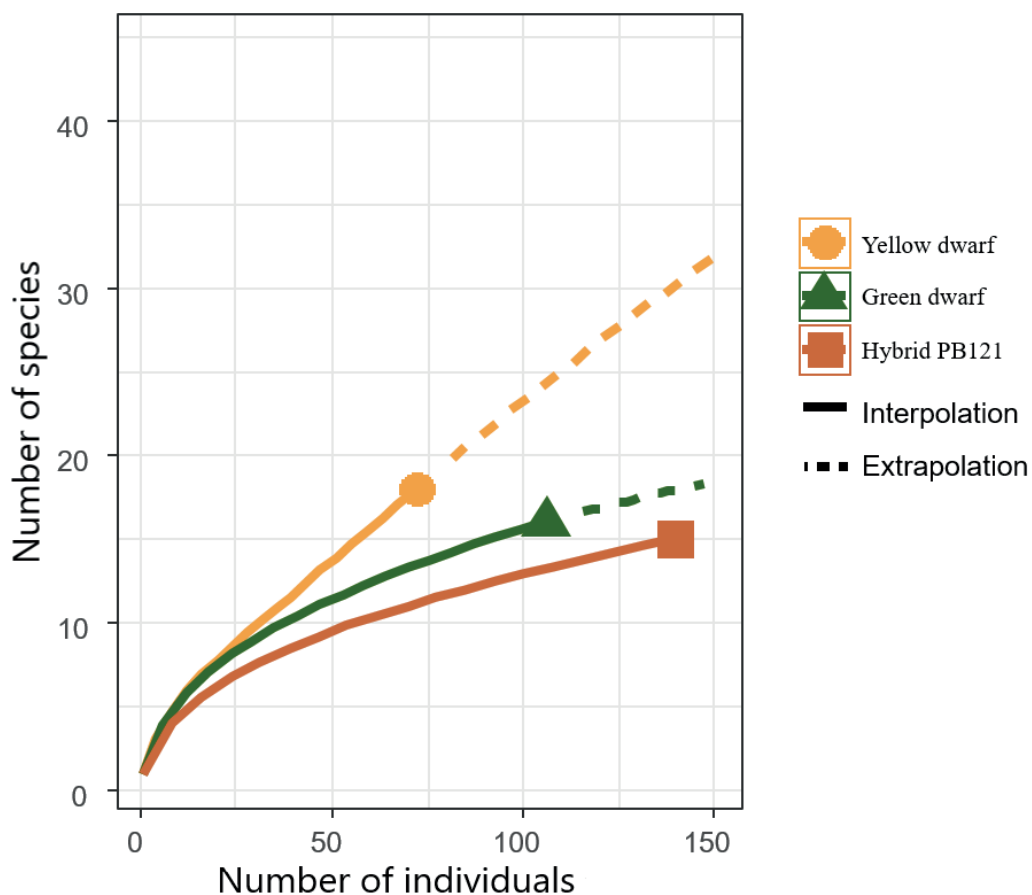


Figure S3. Size-based rarefaction (solid curves) and extrapolation curves of the endophytic fungal taxa for each coconut cultivar, up to the base size of individuals (*i.e.*, double the smaller reference size). Reference samples are denoted by solid symbols (dots, triangles, and squares).



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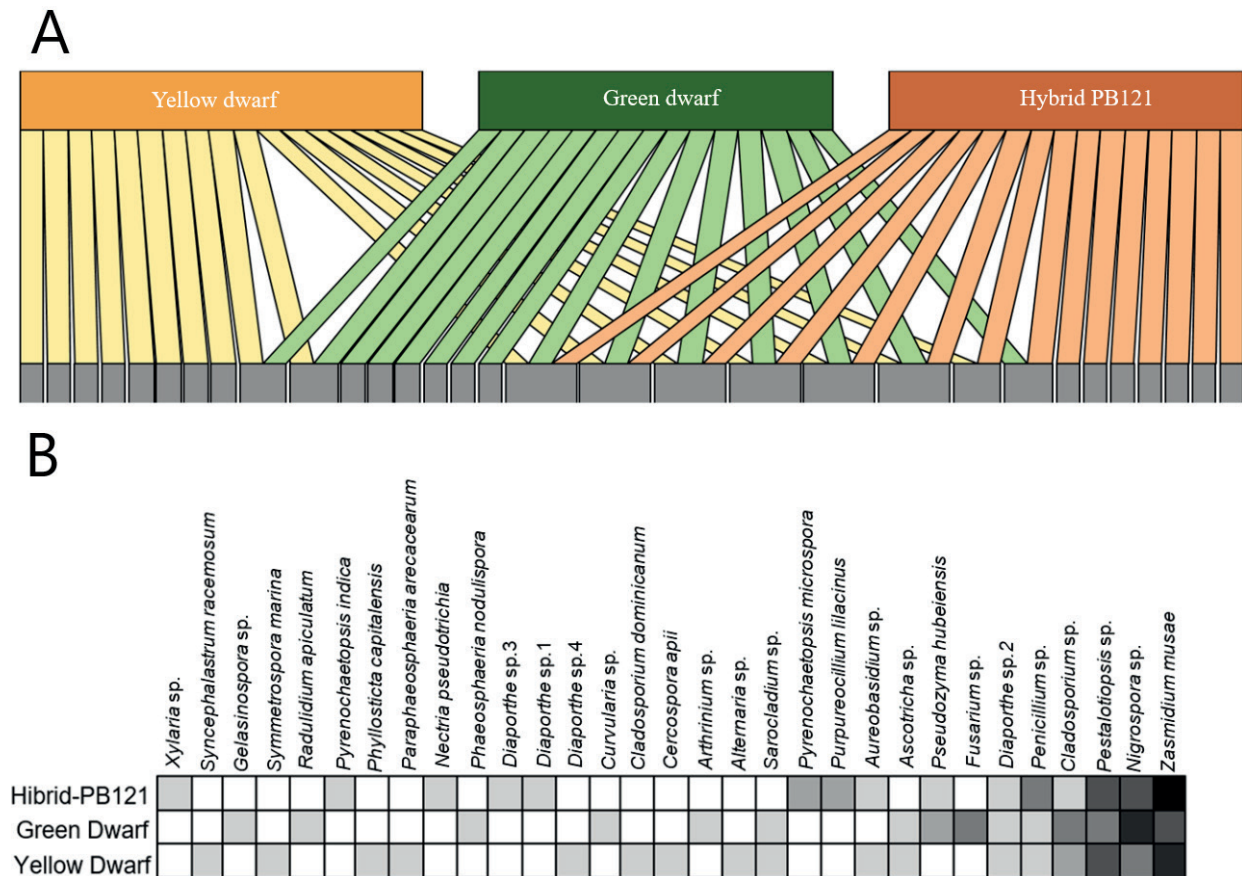


Figure S4. A bipartite network representing the diversity and abundance of endophytic fungi among the three coconut cultivars (yellow dwarf, green dwarf, and hybrid PB121). Each box in the bottom level of the network (gray) represents a fungal taxon that is linked to the host(s) on which it was found (boxes on the top level represent the hosts: yellow, green, and orange). **(A)** The width of each box that represents an endophytic taxon or host cultivar is proportional to the number of specimens for each taxon or host, respectively. **(B)** The same network represented by the incidence matrix, where the host varieties are represented as rows and the fungal taxa as columns. The weighted interaction matrix is displayed according to the intensity of the gray color.

