

Microscopic Study of the Morphology,
Growth Patterns, and Interactions
of *Endothia parasitica*

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A defined medium has been developed that allows microscopic observation of the intra- and inter-hyphal fusions in *Endothia parasitica*. Hypovirulent and virulent isolates were grown singly or paired on this medium for 3 days, then prepared for light and scanning electron microscopic examination. After 3 days, the mycelial growth patterns of virulent and hypovirulent isolates appear identical microscopically. Intra-hyphal fusions were numerous in the four isolates examined. Fusion between paired compatible and incompatible isolates was not observed in the hyphal tip area.