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Rapid Detection of Ophiostoma piceae and O. quercus in Stained Wood by PCR

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ABSTRACT

A rapid, sensitive, and simple method was developed to detect the sapstain fungi Ophiostoma piceae and O. quercus in stained wood. By using microwave heating for DNA extraction and PCR with internal transcribed spacer-derived-specific primers, detection was feasible within 4 h, even with DNA obtained from a single synnema. This method can easily be extended for the detection of other wood-inhabiting fungi.

FOOTNOTES

Received 6 August 1998.

Accepted 3 November 1998.

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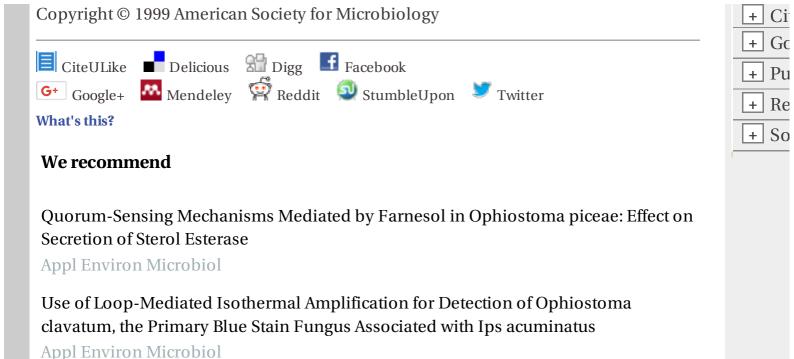
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