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ADVANCED

[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

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## Fruit stain of Japanese pear caused by basidiomycetous, yeastlike fungi *Meira geulakonigii* and *Pseudozyma aphidis*.

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### ABSTRACT

A fruit stain symptom occurred on mature fruits of Japanese pear in Tottori Prefecture, Japan. Two kinds of yeastlike fungi were isolated from the surface of diseased fruits. The isolates were pathogenic to immature fruits of Japanese pear cv. Gold Nijisseiki, and reisolated from the inoculated fruits. Based on morphological and physiological characteristics and partial sequence analyses of rDNA, the isolates were identified as *Meira geulakonigii* and *Pseudozyma aphidis*. Because several kinds of filamentous and yeastlike fungi have already been recorded as the causes of fruit stain of Japanese pear, we propose these yeastlike fungi as new pathogens.

**Key words:** fruit stain, Japanese pear, yeastlike fungi, *Meira geulakonigii*, *Pseudozyma aphidis*

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