

Turkish Journal of Botany

Turkish Journal

of

Botany

Changes in Abscisic Acid and Indole-3-Acetic Acid Concentrations in *Funalia trogii* (Berk.) Bondartsev & Singer and *Phanerochaete chrysosporium* Burds. ME446 Subjected to Salt Stress

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Abstract: Variations in abscisic acid (ABA) and indole-3-acetic acid (IAA) concentrations were studied in *Funalia trogii* (Berk.) Bondartsev & Singer and *Phanerochaete chrysosporium* Burds. ME446 subjected to salt stress. The levels of ABA and IAA were determined by gas chromatography (GC) and UV-VIS spectrophotometry. The levels of hormones vary in the regulation of growth and in response to stress. It was found that ABA concentrations were higher in the salt stressed groups than in the control groups, whereas IAA concentrations were lower. These results show that, in fungi, ABA concentrations are positively and IAA concentrations negatively correlated with salt stress.

Key Words: *Funalia trogii*, *Phanerochaete chrysosporium* ME446, ABA, IAA, salt stress

 [Keywords](#)
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Turk. J. Bot., **26**, (2002), 1-4.

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