

# Evolution, Physiology and Phytochemistry of the Psychotoxic Arable Mimic Weed Darnel (*Lolium temulentum* L.)

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**Abstract** Darnel (*Lolium temulentum* L.), the subject of this review, is botanically and culturally significant because of its evolutionary origin as a mimic weed of cereals and its reputation as a source of potent psychoactive toxins. Evidence from molecular phylogeny, palaeontology and archaeology allows the source and spread

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