

# Revival of Oyster mushroom (*Pleurotus* spp.) strains after mineral oil preservation

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Dighe S. and Kulkarni S. M. (1998): Revival of Oyster mushroom (*Pleurotus* spp.) strains after mineral oil preservation. – *Czech Mycol.* 50: 185–188

Twenty four strains of oyster mushrooms (*Pleurotus* spp.) were preserved in paraffin oil at room temperature over a period ranging from 1 year and 7 months to 10 years and 2 months. Twenty two strains could be revived by the described method, with an overall revival rate of 90 %. The mycelial morphology and vigour was unaffected after preservation and revival. Six strains had produced asexual spores in vitro before preservation and 4 of them retained these characteristics. Basidioma primordia were produced, in vitro, by 6 of the 22 strains that were revived. Ten years was the optimum period. Storage at about 24 °C did not affect the viability of the strains.

**Key words:** *Pleurotus* spp., mushrooms, mineral oil preservation, revival, culture characters.

Dighe S. a Kulkarni S. M. (1998): Oživení kmenů *Pleurotus* spp. po konzervaci pod minerálním olejem. – *Czech Mycol.* 50: 185–188

Jsou popisovány podmínky konzervace kmenů hlív přechovávaných pod parafinovým olejem při pokojové teplotě. Dále jsou popsány metody oživení kultur a jednotlivé znaky kmenů in vitro.