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Supplement of

Ice nucleation by fungal spores from the classes *Agaricomycetes*, *Ustilaginomycetes*, and *Eurotiomycetes*, and the effect on the atmospheric transport of these spores

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15 **Table S1. List of the fungal spores studied here and previous studies that have identified these spores in the atmosphere.¹**

Species studied	Studies that have identified this species in the atmosphere	Studies that have identified this genus in the atmosphere
<i>Agaricus bisporus</i>	Morales et al. (2006)	Calderon et al. (1995); De Antoni Zoppas et al. (2006); Mallo et al. (2011); Oliveira et al. (2009)
<i>Amanita muscaria</i>	Li (2005)	Magyar et al. (2009)
<i>Boletus zelleri</i>	-	Calderon et al. (1995); Magyar et al. (2009)
<i>Lepista nuda</i>	-	-
<i>Trichaptum abietinum</i>	-	-
<i>Ustilago nuda</i>	Calderon et al. (1995); Magyar et al. (2009)	De Antoni Zoppas et al. (2006); Herrero et al. (2006); Hirst (1953); Morales et al. (2006); Oliveira et al. (2005); Pady and Kelly (1954); Sabariego et al. (2000); Waisel et al. (2008); Garcia et al. (2012)
<i>Ustilago nigra</i>	-	
<i>Ustilago avenae</i>	Gregory (1952)	
<i>Aspergillus brasiliensis</i>	-	Abu-Dieyeh et al. (2010); Adhikari et al. (2004); Chakraborty et al. (2003); Crawford et al. (2009); De Antoni Zoppas et al. (2006); Dransfield (1966); Ebner et al. (1992); Goncalves et al. (2010); Herrero et al. (2006); Ho et al. (2005); Iglesias Fernández et al. (2012); Khattab and Levetin (2008); Li and Kendrick (1995); Lin and Li (1996); Magyar et al. (2009); Mallo et al. (2011); Mishra and Srivastava (1971, 1972); Marchisio et al. (1997); Ogunlana (1975); Muñoz Rodríguez et al. (2010); Oliveira et al. (2005); Oliveira et al. (2009); Proctor (1935); Pyrri and
<i>Aspergillus niger</i>	Abu-Dieyeh et al. (2010); Grishkan et al. (2012); Li (2005); Mishra and Srivastava (1971, 1972); Nayar and Jothish (2013); Pyrri and Kapsanaki-Gotsi (2012)	

¹ “-“ indicates that there are no studies that the authors are aware of that have identified this species or genus in the atmosphere.

Species studied	Studies that have identified this species in the atmosphere	Studies that have identified this genus in the atmosphere
<i>Penicillium</i> sp.	- ²	Kapsanaki-Gotsi (2007); Quintero et al. (2010); Rees (1964); Wolf (1943); Wu et al. (2004); Yeo and Kim (2002)
<i>Penicillium brevicompactum</i>	Pyrrri and Kapsanaki-Gotsi (2012); Yamamoto et al. (2012)	Abu-Dieyeh et al. (2010); Amato et al. (2007); Crawford et al. (2009); De Antoni Zoppas et al. (2006); Dransfield (1966); Ebner et al. (1989); Ebner et al. (1992); Fröhlich-Nowoisky et al. (2012); Fulton (1966); Goncalves et al. (2010); Griffin (2004); Herrero et al. (2006); Iglesias Fernández et al. (2012); Imshenetsky et al. (1978); Kelly and Pady (1953); Khattab and Levetin (2008); Li and Kendrick (1995); Lin and Li (1996); Magyar et al. (2009); Mallo et al. (2011); Marchisio et al. (1997); Mishra and Srivastava (1971, 1972); Negrin et al. (2007); Oliveira et al. (2005); Oliveira et al. (2009); Ogunlana (1975); Pady and Kelly (1954); Pady and Kapica (1955); Proctor (1935); Pyrrri and Kapsanaki-Gotsi (2007); Quintero et al. (2010); Rees (1964); Shelton et al. (2002); Wolf (1943); Yeo and Kim (2002)

² Since this is an unidentified species of *Penicillium*.

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