

Table S4. List of *Arthrinium phaeospermum* strains used in the pot experiment.

Strain N°	CBS N°	Taxon name	Country	Origin
1	CBS 142.55	<i>Arthrinium phaeospermum</i>	Japan	soil
2	CBS 463.83	<i>Arthrinium phaeospermum</i> ¹	Netherlands	<i>Phragmites australis</i> , dead culms
3	CBS 114314	<i>Arthrinium phaeospermum</i>	Iran	<i>Hordeum vulgare</i>
4	CBS 114315	<i>Arthrinium phaeospermum</i>	Iran	<i>Hordeum vulgare</i>
5	CBS 114317	<i>Arthrinium phaeospermum</i>	Iran	<i>Hordeum vulgare</i>
6	CBS 114318	<i>Arthrinium phaeospermum</i>	Iran	<i>Hordeum vulgare</i>
7	CBS 115473	<i>Arthrinium phaeospermum</i>	Hong Kong	wood
8	CBS 134073	<i>Arthrinium phaeospermum</i>	USA	<i>Miscanthus giganteus</i>

¹ Formerly known as *Arthrinium saccharicola*