

Table S1. This is a table with ecological note about *I. similis* and *I. chondrospora*.

<u>Species</u>	Vouchers	Habitat/Hosts	
		Specie	plant family
<u><i>Inocybe similis</i></u>	B11-9-18-1	Willow tree (Salix sp.)	Salicaceae
<u><i>Inocybe similis</i></u>	BR-142866-82 (I. vulpinella Holotype)	Salix spp.	Salicaceae
<u><i>Inocybe similis</i></u>	MBN0213_15	Picea glauca	Pinaceae
<u><i>Inocybe similis</i></u>	MCVE28976	Populus tremula and Pinus halepensis	Salicaceae and Pinaceae
<u><i>Inocybe similis</i></u>	MCVE29100	Populus tremula and Salix sp.	Salicaceae
<u><i>Inocybe similis</i></u>	MCVE29287	Populus tremula and Pinus halepensis	Salicaceae and Pinaceae
<u><i>Inocybe similis</i></u>	S-F14475 (I. similis Holotype)	Populus nigra	Salicaceae
<u><i>Inocybe similis</i></u>	GB: MW012258	Unknown	unknown
<u><i>Inocybe similis</i></u>	GB: OW847005	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	3918	Unknown	
<u><i>Inocybe chondrospora</i></u>	AH34419	Salix repens cf.	Salicaceae
<u><i>Inocybe chondrospora</i></u>	EL000610	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	EL18106	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	GDOR5393	Salix herbacea L.	Salicaceae
<u><i>Inocybe chondrospora</i></u>	IK-00033	Scots pine (with alder, poplar, and willow in vicinity)	Pinaceae (Betulaceae and Salicaceae)
<u><i>Inocybe chondrospora</i></u>	IK-00034	Scots pine (with alder, poplar, and willow in vicinity)	Pinaceae (Betulaceae and Salicaceae)
<u><i>Inocybe chondrospora</i></u>	IK-00061	Scots pine (with alder, poplar, and willow in vicinity)	Pinaceae (Betulaceae and Salicaceae)
<u><i>Inocybe chondrospora</i></u>	IvulpiSA01	Pinus sylvestris, Salix sp.	Salicaceae and Pinaceae

<u><i>Inocybe chondrospora</i></u>	IvulpiSA02	Salix sp.	Salicaceae
<u><i>Inocybe chondrospora</i></u>	KR-M-0038284	Unknown	
<u><i>Inocybe chondrospora</i></u>	L0054131 (I. immigrans Isotype)	<i>Betula papyrifera</i> , <i>Populus balsamifera</i> , <i>Salix</i> sp.	Betulaceae and Salicaceae
<u><i>Inocybe chondrospora</i></u>	M-0151621 (I. chondrospora Holotype)	<i>Alnus glutinosa</i> , <i>Salix aurita</i>	Betulaceae and Salicaceae
<u><i>Inocybe chondrospora</i></u>	NI250904 (CUW)	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	OTU_127	<i>Liparis loeselii</i>	Orchidaceae
<u><i>Inocybe chondrospora</i></u>	saf_F1979	soil of alpine saffron agroecosystem (probably associated with other species not reported)	unknown
<u><i>Inocybe chondrospora</i></u>	SMNS-STU-F-0901555 (DB4-5-13-2)	<i>Salix</i> sp. and <i>Populus tremula</i>	Salicaceae
<u><i>Inocybe chondrospora</i></u>	SMNS-STU-F-0901556 (DB2-9-12-4)	<i>Salix repens</i>	Salicaceae
<u><i>Inocybe chondrospora</i></u>	SMNS-STU-F-0901557 (DB26-9-17-7b)	<i>Populus tremula</i> , <i>Salix</i> sp, <i>Pinus sylvestris</i> , <i>Betula</i> sp.	Salicaceae, Betulaceae and Pinaceae
<u><i>Inocybe chondrospora</i></u>	TAA17205	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	UDB001758	Salix sp.	Salicaceae
<u><i>Inocybe chondrospora</i></u>	UDB017619	<i>Salix repens</i> L.	Salicaceae
<u><i>Inocybe chondrospora</i></u>	UDB024668	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	UDB039523	Unknown	unknown
<u><i>Inocybe chondrospora</i></u>	UDB0754144	Unknown	unknown