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Supplementary material

Three new species found in the Bracciano-Martignano Regional Natural Park in Lazio, Italy

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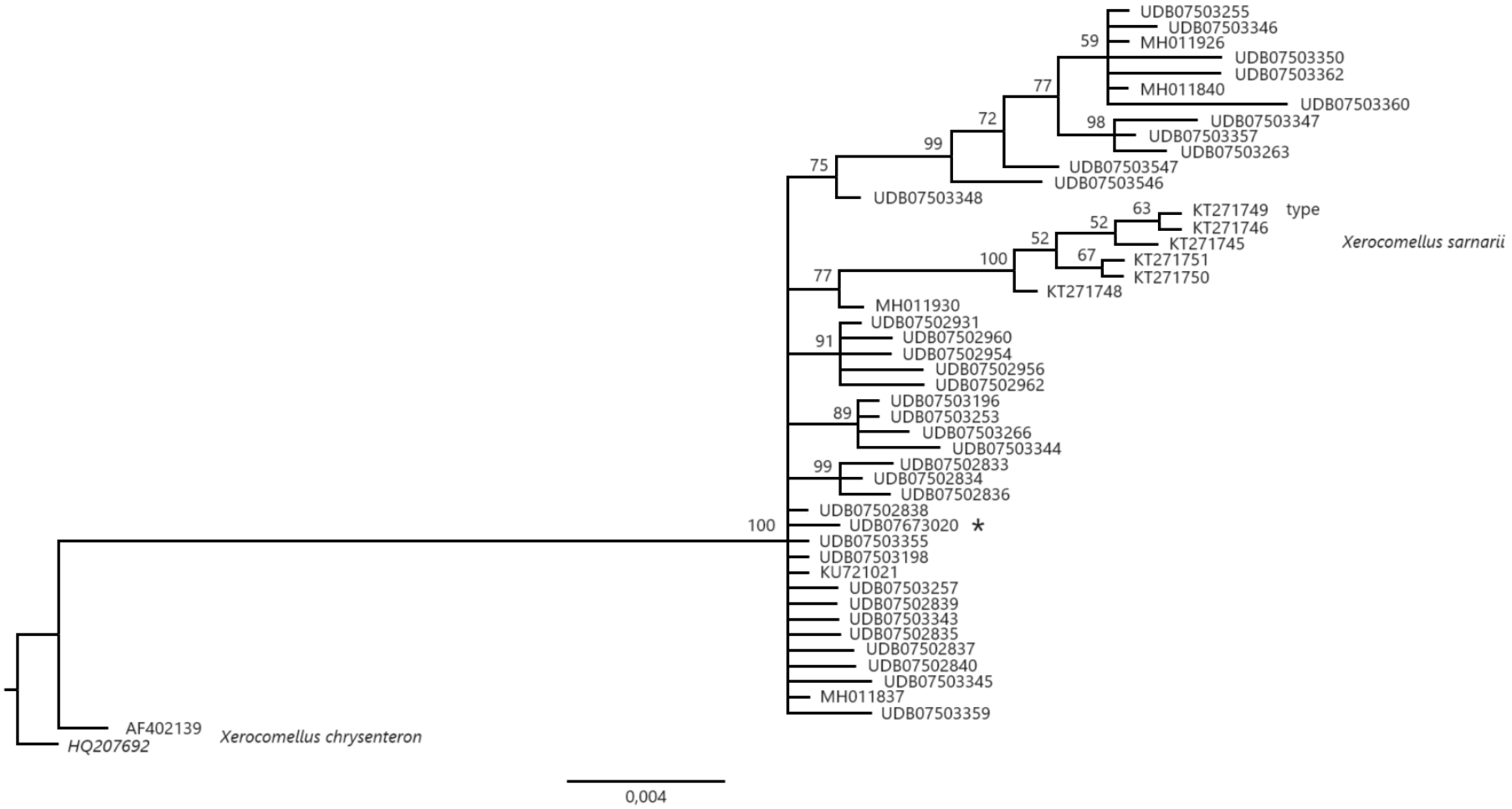
Table S1 – List of the International Nucleotide Sequence Database (INSD)/UNITE accession numbers and specimen vouchers of the nuclear ribosomal internal transcribed spacer (ITS) DNA barcode sequences used in the phylogenetic analysis represented in Fig. S1

INSD/UNITE Accession no.	Attribution	Specimen voucher	Sample type	Country	Collection date
UDB07673020	*Xerocomellus sarnarii*	TUF137146	fruitbody	Italy	2022/10/01
AF402139	*Xerocomellus chrysenteron*	La Chaneaz	fruitbody	Switzerland	1997-1999
HQ207692	*Xerocomellus chrysenteron*	2B2	fruitbody	Germany	2007/08/03
KT271745	*Xerocomellus sarnarii*	MCVE_28571	fruitbody	Italy	2011/11/10
KT271746	*Xerocomellus sarnarii*	MCVE_28572	fruitbody	Italy	2011/11/10
KT271748	*Xerocomellus sarnarii*	MCVE_28576	fruitbody	Italy	2011/11/10
KT271749	*Xerocomellus sarnarii*	MCVE_28577 holotype specimen	fruitbody	Italy	2011/11/10
KT271750	*Xerocomellus sarnarii*	MCVE_28578	fruitbody	Italy	2011/11/10
KT271751	*Xerocomellus sarnarii*	MCVE_28579	fruitbody	Italy	2011/11/10
KU721021	*Xerocomellus aff. sarnarii*	EP-N400	fruitbody	Greece	-
MH011837	*Xerocomellus sarnarii*	ML1101X	fruitbody	Cyprus	2011/10/13
MH011840	*Xerocomellus sarnarii*	ML51218XE	fruitbody	Cyprus	2015/12/08
MH011926	*Xerocomellus sarnarii*	PAM11112710	fruitbody	France	2011/11/27
MH011930	*Xerocomellus sarnarii*	ML900101XE	fruitbody	Cyprus	2009/10/10
UDB07502833	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502834	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502835	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502836	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502837	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502838	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502839	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502840	*Xerocomellus*	TUE000513	soil sample	Italy	2013/11/16
UDB07502931	*Xerocomellus*	TUE000518	soil sample	Italy	2013/11/19
UDB07502954	*Xerocomellus*	TUE000518	soil sample	Italy	2013/11/19
UDB07502956	*Xerocomellus*	TUE000518	soil sample	Italy	2013/11/19
UDB07502960	*Xerocomellus*	TUE000518	soil sample	Italy	2013/11/19
UDB07502962	*Xerocomellus*	TUE000518	soil sample	Italy	2013/11/19
UDB07503196	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503198	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503253	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503255	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503257	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503263	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503266	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503343	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503344	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503345	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503346	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503347	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503348	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503350	*Xerocomellus*	TUE000832	soil sample	Greece	2014/05/16
UDB07503355	*Xerocomellus*	TUE000834	soil sample	Greece	2014/05/16
UDB07503357	*Xerocomellus*	TUE000834	soil sample	Greece	2014/05/16
UDB07503359	*Xerocomellus*	TUE000834	soil sample	Greece	2014/05/16
UDB07503360	*Xerocomellus*	TUE000834	soil sample	Greece	2014/05/16
UDB07503362	*Xerocomellus*	TUE000834	soil sample	Greece	2014/05/16
UDB07503546	*Xerocomellus*	TUE000880	soil sample	Georgia	2014/08/28
UDB07503547	*Xerocomellus*	TUE000880	soil sample	Georgia	2014/08/28



Supplementary Fig. S1 – Phylogenetic tree generated from Bayesian analysis of ITS sequences of the specimens listed in Table S1, identified by their UNITE/INSD accession numbers; the sequences AF402139 and HQ207692 from *Xerocomellus chrysenteron* were used as outgroup; the sequence from the new sample described in the article (accession UDB07673020) is indicated by an asterisk; Bayesian posterior probabilities are reported on the main branches; the final mean standard deviation of the separated frequencies was < 0.006