



CORRECTION

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Correction to: Ophiostomatoid fungi associated with *Ips subelongatus*, including eight new species from northeastern China

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Following publication of the original article (Wang et al. 2020), the authors reported that Table 1 contained some errors in the GenBank number of BT gene. The correct Table 1 is presented below.

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Table. 1 Strains of ophiostomatoid fungi sequenced and used for morphological and phylogenetic analysis in this study

Taxon	Species ¹	Strain no. ^{2,3,4}	Host	Locality	GenBank number ⁵			
					ITS/LSU/60S	βT	EF-1α	CAL
1	<i>Ophiostoma genhense</i>	CFCC 52675 (CXY 2001) T	<i>Larix gmelinii</i>	Genhe, Inner Mongolia	MK748199	MN896053	MN896074	MN896102
		CFCC 52676 (CXY 2002)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896052	MN896073	MN896101
2	<i>O. hongxingense</i>	CFCC 52695 (CXY 2021) T	<i>L. gmelinii</i>	Harbin, Heilongjiang	MK748194	MN896026	MN896068	MN896089
		CFCC 52696 (CXY 2022)	<i>L. gmelinii</i>	Harbin, Heilongjiang	N/A	MN896028	MN896067	MN896090
		CXY 1905	<i>L. gmelinii</i>	Harbin, Heilongjiang	N/A	MN896027	MN896066	MN896087
		CXY 1906	<i>L. gmelinii</i>	Harbin, Heilongjiang	N/A	MN896030	MN896070	MN896088
		CXY 1907	<i>L. gmelinii</i>	Harbin, Heilongjiang	N/A	MN896029	MN896069	MN896091
3	<i>O. lotiforme</i>	CFCC 52691 (CXY 2017 = MUCL 55165) T	<i>Pinus sylvestris</i> var. <i>mongolica</i>	Hailar, Inner Mongolia	MK748185	MN896036	N/A	N/A
		CFCC 52692 (CXY 2018)	<i>P. sylvestris</i> var. <i>mongolica</i>	Hailar, Inner Mongolia	MK748201	MN896037	N/A	N/A
4	<i>O. minus</i>	CFCC 52697 (CXY 2023)	<i>L. gmelinii</i>	Arongqi, Inner Mongolia	MK748202	MN896044	N/A	N/A
		CFCC 52698 (CXY 2024 = MUCL 55157)	<i>P. sylvestris</i> var. <i>mongolica</i>	Hailar, Inner Mongolia	MK748187	MN896045	N/A	N/A
5	<i>O. multisynnematum</i>	CFCC 52677 (CXY 2003) T	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748196	MN896050	MN896071	MN896103
		CFCC 52678 (CXY 2004)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896051	MN896072	MN896104
6	<i>O. olgensis</i>	CFCC 52699 (CXY 2025)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748204	MN896048	N/A	N/A
		CFCC 52700 (CXY 2026)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748195	MN896049	N/A	N/A
		CXY 1908	<i>L. gmelinii</i>	Harbin, Heilongjiang	MK748203	MN896046	N/A	N/A
		CXY 1909	<i>L. gmelinii</i>	Yichun, Heilongjiang	MK748205	MN896047	N/A	N/A
7	<i>O. peniculi</i>	CFCC 52687 (CXY 2013) T	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748198	MN896034	MN896063	MN896086
		CFCC 52688 (CXY 2014)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896033	MN896061	MN896084
		CXY 1904	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896035	MN896062	MN896085
8	<i>O. pseudobicolor</i>	CFCC 52683 (CXY 2009) T	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748188	MN896038	N/A	N/A
		CFCC 52684 (CXY 2010)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748190	MN896040	N/A	N/A
		CFCC 52685 (CXY 2011 = MUCL 55168)	<i>L. principis-rupprechtii</i>	Chifeng, Inner Mongolia	MK748191	MN896043	N/A	N/A
		CFCC 52686 (CXY 2012 = MUCL 55174)	<i>L. gmelinii</i>	Mohe, Heilongjiang	MK748193	MN896041	N/A	N/A
		CXY 1910	<i>L. principis-rupprechtii</i>	Chifeng, Inner Mongolia	MK748192	MN896039	N/A	N/A
		CXY 1911 (MUCL 55170)	<i>L. gmelinii</i>	Tahe, Heilongjiang	MK748189	MN896042	N/A	N/A

Table. 1 Strains of ophiostomatoid fungi sequenced and used for morphological and phylogenetic analysis in this study (*Continued*)

Taxon	Species ¹	Strain no. ^{2,3,4}	Host	Locality	GenBank number ⁵			
					ITS/LSU/ 60S	β T	EF-1 α	CAL
9	<i>O. rufum</i>	CFCC 52681 (CXY 2007)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748197	MN896058	MN896075	MN896095
		CFCC 52682 (CXY 2008)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896057	MN896076	MN896098
10	<i>O. subelongati</i>	CFCC 52693 (CXY 2019) T	<i>L. gmelinii</i>	Harbin, Heilongjiang	MK748200	MN896031	MN896064	MN896092
		CFCC 52694 (CXY 2020)	<i>L. gmelinii</i>	Harbin, Heilongjiang	N/A	MN896032	MN896065	MN896093
11	<i>O. xinganense</i>	CFCC 52679 (CXY 2005) T	<i>L. gmelinii</i>	Genhe, Inner Mongolia	MK748186	MN896055	MN896078	MN896097
		CFCC 52680 (CXY 2006)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896054	MN896079	MN896094
		CXY 1901	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896056	MN896077	MN896096
		CXY 1902	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896059	MN896080	MN896099
		CXY 1903	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	MN896060	MN896081	MN896100
12	<i>Ceratocystiopsis</i> cf. <i>pallidobrunnea</i>	CFCC 52689 (CXY 2015)	<i>P. sylvestris</i> var. <i>mongolica</i>	Hailar, Inner Mongolia	MN892641	N/A	N/A	N/A
		CFCC 52690 (CXY 2016)	<i>P. sylvestris</i> var. <i>mongolica</i>	Hailar, Inner Mongolia	MN892642	N/A	N/A	N/A
13	<i>Leptographium zhangii</i>	CFCC 52701 (CXY 2027)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	N/A	MN896082	N/A
		CFCC 52702 (CXY 2028)	<i>L. gmelinii</i>	Genhe, Inner Mongolia	N/A	N/A	MN896083	N/A
14	<i>Endoconidiophora fujiensis</i>	CXY 1912	<i>L. gmelinii</i>	Yichun, Heilongjiang	MN896105	N/A	N/A	N/A
		CXY 1913	<i>L. gmelinii</i>	Yichun, Heilongjiang	MN896106	N/A	N/A	N/A

1. Species named in black bold are novel species in this study

2. CFCC China Forestry Culture Collection Center, Beijing, China

3. CXY the culture collection of the Chinese Academy of Forestry

4. T = ex-holotype isolate

5. ITS Internal transcribed spacer regions 1 and 2 of the nuclear ribosomal DNA operon, including the 5.8S region, LSU Large subunit of the nrDNA, 60S partial 60S ribosomal protein RPL10 gene, β T the β -tubulin gene region, EF-1 α the transcription elongation factor-1 α gene region, CAL the calmodulin gene region