



Supplement

The following supplementary materials are available for this article: Datta, S., Bose, A., Vizzini, A., Das, K. 2026 Morphology and molecular phylogeny unveil a novel species of *Volvariella* (Basidiomycota) from tropical India. *Taiwania* 71(4): 659-666. doi: 10.6165/tai.2026.71.659

Table S1. Top 10 plant species and families per habitat.

Species name	Voucher no.	Country	GenBank accession no.	
			nrITS	nrLSU
<i>Volvariella aethiops</i>	K(M):195631	United Kingdom	MZ159529	-
<i>Volvariella areolavolvata</i>	CAL 2383	India	PX776811	PX764990
<i>Volvariella areolavolvata</i>	CAL 2384	India	PX776812	PX76499
<i>Volvariella bombycina</i>	AJ244	Spain	HM562212	HM562256
<i>Volvariella bombycina</i>	SDBR-CMUNK0726	Thailand	OM417508	OM373644
<i>Volvariella bombycina</i>	xj2018071604	China	MT351048	-
<i>Volvariella bilobata</i> T	GUBH 19922	India	ON922564	-
<i>Volvariella bilobata</i>	AKD 82/2019	India	ON922568	-
<i>Volvariella caesiointacta</i>	MA54717	Spain	HM562211	HM562255
<i>Volvariella cookei</i>	TO AV133	Italy	HM246496	HM246480
<i>Volvariella clavocystidiata</i>	LE 313639	Russia	OK256901	OK256955
<i>Volvariella diplasia</i>	CBS 355.64	India	MH858454	MH870086
<i>Volvariella dunensis</i>	JAC10587	New Zealand	MN738630	-
<i>Volvariella dunensis</i>	SCM3513	Spain	JF415140	-
<i>Volvariella dunensis</i>	RFS07031003	Spain	JF415138	-
<i>Volvariella darbatia</i>	Asif-PK172	Pakistan	PV265212	-
<i>Volvoluteus deliciosus</i>	GDGM73195	China	MK944281	MN056508
<i>Volvariella ferruginopunctata</i> T	WU-MYC-OO55704	Pakistan	PV265213	-
<i>Volvariella ferruginopunctata</i>	Asif-PK135	Pakistan	PV265214	-
<i>Volvariella guttulosa</i>	LE 313326	Vietnam	-	NG068890
<i>Volvariella griseoalba</i>	bg1	Pakistan	OR146496	-
<i>Volvariella griseoalba</i>	UEH-F0010	Pakistan	OR886619	-
<i>Volvariella hypopithys</i>	TO AV137	Italy	HM246492	HM246488
<i>Volvariella hypopithys</i>	ANT158-QFB28562	Canada	MN992543	-
<i>Volvariella indotropica</i> T	WBWE 24-025 / CAL 2400	India	PZ247714	PZ234631
<i>Volvariella indotropica</i>	WBWE 25-036 / CAL 2401	India	PZ247715	PZ234632
<i>Volvariella krizii</i>	PR1516257	Czech Republic	-	MK770133
<i>Volvariella lactea</i>	Asif-AG197	Pakistan	PV265208	-
<i>Volvariella lactea</i> T	LAH36812	Pakistan	PV265207	-
<i>Volvariella lanuginosa</i> T	WU-MYC-0055706	Pakistan	PV359177	-
<i>Volvariella lanuginosa</i>	Asif-PK-87	Pakistan	PV359178	-
<i>Volvariella lepiotospora</i>	AJ155	USA	HM562214	HM562259
<i>Volvariella lepiotospora</i>	FLAS-F-61505	USA	MH281874	-
<i>Volvariella morozovae</i> T	LE 313229	Vietnam	MF377507	MF377508
<i>Volvariella morozovae</i>	LE 313323	Vietnam	MK882995	-
<i>Volvariella morozovae</i>	LE 313322	Vietnam	MK882994	-
<i>Volvariella murinella</i>	GLM:GLM-F43392	Germany	MK412361	-
<i>Volvariella murinella</i>	GLM:GLM-F42624	Germany	MK412400	-
<i>Volvariella media</i>	TO HG2001	Italy	HM246498	HM246477
<i>Volvariella neovoluncen</i>	SDBR-CMUNK0758	Thailand	OM417503	OM373653
<i>Volvariella neovoluncen</i>	SDBR-CMUNK0760	Thailand	OM417505	OM417507
<i>Volvariella nivea</i> T	GDGM25489	China	FJ749127	-
<i>Volvariella niveosulcata</i> T	LE 313329	Vietnam	MK882996	MK883002
<i>Volvariella nullicystidiata</i>	SP393639	Brazil	EU920671	EU920670
<i>Volvariella perciliata</i>	SP393635	Brazil	EU920672	EU920668
<i>Volvariella ptilotricha</i>	LE 313324	Vietnam	NR164612	-
<i>Volvariella pulla</i>	LE 313325	Vietnam	NR164613	MK883003
<i>Volvariella pulla</i>	MFLU 19-1534	Thailand	MT074696	-
<i>Volvariella pusilla</i>	TO AV139	Italy	HM246494	HM246479
<i>Volvariella pusilla</i>	AJ51(LOU)	Spain	JF415137	-
<i>Volvariella punjabica</i> T	LAH36813	Pakistan	PV265209	-
<i>Volvariella punjabica</i>	Asif-AG16	Pakistan	PV265210	-
<i>Volvariella rava</i> T	GDGM41955	China	KP784686	-
<i>Volvariella reidii</i>	F1-1.1	Finland	MK770139	MK770131
<i>Volvariella reidii</i>	F1-1.2	Finland	MK770140	MK770132
<i>Volvariella rostricystidiata</i>	MFLU 19-1528	Thailand	MT074694	-
<i>Volvariella rostricystidiata</i>	MFLU 19-1531	Thailand	MT074695	-
<i>Volvariella cf. sathei</i>	Hama193	Niger	KF926663	-



<i>Volvariella</i> cf. <i>sathe</i>	AMH 9436	India	JN792550	-
<i>Volvariella</i> cf. <i>sathe</i>	Hama390	Niger	KF926666	-
<i>Volvariella strangulata</i>	TO AV141	Italy	HM246493	HM246484
<i>Volvariella surrecta</i>	GLM:GLM-F61563	Germany	MK412358	-
<i>Volvariella surrecta</i>	AJ55	Spain	HM562213	HM562254
<i>Volvariella</i> sp.	BAB-5003	India	KR349630	-
<i>Volvariella</i> sp.	COFC-F-5090	Niger	PP660832	-
<i>Volvariella</i> sp.	ARF-5374	USA	OP580289	-
<i>Volvariella sulcata</i>	C-F-108932	Denmark	PQ058321	-
<i>Volvariella taylorii</i>	AJ54	Portugal	HM562210	HM562260
<i>Volvariella taylorii</i>	TO AV142	Italy	HM246491	HM246487
<i>Volvariella taylorii</i>	HUP-10388	Pakistan	MW683932	-
<i>Volvariella taylorii</i>	GLM:GLM-F29463	Germany	MK412340	-
<i>Volvariella terrea</i>	LUG11010	France	JF415141	-
<i>Volvariella thailandensis</i>	SDBR-CMUNK0957	Thailand	OM417504	OM417509
<i>Volvariella thailandensis</i> T	SDBR-CMUNK0958	Thailand	OM417510	OM386669
<i>Volvariella turcica</i>	OKA-TR17.1	Turkey	MK770135	MK770128
<i>Volvariella turcica</i>	OKA-TR17.2	Turkey	MK770136	MK770129
<i>Volvariella volvacea</i>	H6	Nigeria	KC894929	-
<i>Volvariella volvacea</i>	OE-273	India	KC14211	-
<i>Volvariella volvacea</i>	BKF10217	Thailand	MN492647	OM373563
<i>Volvariella volvacea</i>	SDBR-CMUNK505	Thailand	OM417506	OM373623
<i>Volvariella volvacea</i>	ZJ0001GBJ01	China	KU836588	-
<i>Volvariella variocystidiosa</i>	LAH37571	Pakistan	OP549025	-
<i>Volvariella variocystidiosa</i>	LAH37568	Pakistan	OP549026	-