

E. CHRISTINE DAVIS, JOSEPH B. FRANKLIN, A. JONATHAN SHAW AND RYTAS VILGALYS. 2003. Endophytic *Xylaria* (Xylariaceae) among liverworts and angiosperms: phylogenetics, distribution, and symbiosis. *American Journal of Botany* 90(11): 1661-1667.

Top three BLAST matches for ITS sequences of endophytes cultured from liverworts.

Liverwort species	Culture ID no.	BLAST hit 1	BLAST hit 2	BLAST hit 3
<i>Bazzania</i> sp.	F2	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F13	AB041994 Unidentified	AF163038 <i>Xylaria longipes</i>	AF163033 <i>Xylaria enteroleuca</i>
<i>Bazzania</i> sp.	F15	AF153742 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>	AF153743 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>	AF153741 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F1	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F4	AF163033 <i>Xylaria enteroleuca</i>	AB041994 Unidentified	AF163038 <i>Xylaria longipes</i>
<i>Bazzania</i> sp.	F6	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F7	AJ390411 <i>Biscogniauxia atropunctata</i>	AF201714 <i>Camillea obularia</i>	AF201705 <i>Biscogniauxia atropunctata</i>
<i>Bazzania</i> sp.	F14	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F16	AF176982 <i>Daldinia grandis</i>	AF176969 <i>Daldinia loculata</i>	AF176968 <i>Daldinia loculata</i>
<i>Bazzania</i> sp.	F11	AJ390407 <i>Hypoxylon perforatum</i>	AF201760 <i>Nodulisporium</i> sp.	AF201756 <i>Nodulisporium</i> sp.

<i>Bazzania</i> sp.	F8	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F9	AF432179 <i>Arthroxyllaria</i> <i>elegans</i>	AF163029 <i>Xylaria arbuscula</i>	AB041994 Unidentified
<i>Bazzania</i> sp.	F10	AF163029 <i>Xylaria arbuscula</i>	AF201711 <i>Xylaria hypoxylon</i>	AF163028 <i>Xylaria arbuscula</i>
<i>Bazzania</i> sp.	F17	AF153742 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>	AF153743 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>	AF153741 Unidentified xylarialean endophyte from <i>Livistona chinensis</i>
<i>Bazzania</i> sp.	F3	AF153740 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153735 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AB041994 Unidentified
<i>Bazzania</i> sp.	F12	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Cahypogea mulleriana</i>	C1	U78881 <i>Trichoderma hazianum</i>	AJ224019 <i>Trichoderma</i> <i>hazianum</i>	AF437773 Endophyte from <i>Newtonia</i>
<i>Odontoschisma prostratum</i>	C4	AF153731 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153732 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>	AF153745 Endophyte <i>Xylaria</i> from <i>Livistona chinensis</i>
<i>Odontoschisma prostratum</i>	C6	AF461681 unknown soil fungus	AF461665 unknown soil fungus	AF461680 unknown soil fungus
<i>Odontoschisma prostratum</i>	C8	AB017659 <i>Rosellinia pepo</i>	AF201720 <i>Nemania serpens</i>	AF201707 <i>Nemania serpens</i>
<i>Metzgeria furcata</i>	F23	AF163038 <i>Xylaria longipes</i>	AF163033 <i>Xylaria</i> <i>enteroleuca</i>	AF163030 <i>Xylaria castorea</i>
<i>Trichocolea tomentella</i>	F19	AF163038 <i>Xylaria longipes</i>	AF163033 <i>Xylaria</i> <i>enteroleuca</i>	AF163030 <i>Xylaria castorea</i>
<i>Plagiochila virginica</i>	F20	AF201711 <i>Xylaria hypoxylon</i>	AF163029 <i>Xylaria arbuscula</i>	AF163040 <i>Xylaria mali</i>