

TABLE 1. *Verrucaria* species, arranged in descending order of mean ascospore length ( $\mu\text{m}$ )

Species	length					width					habitat			
	<i>min</i>	-1 SD	<b>mean</b>	+1 SD	<i>max</i>	<i>min</i>	-1 SD	<b>mean</b>	+1 SD	<i>max</i>	F	M	T	L
<i>hochstetteri</i>	24.6	29.1	<b>31.8</b>	34.3	41.4	13.1	15.2	<b>17.6</b>	20.0	24.6			T	
<i>viridula</i>	24.2	27.4	<b>30.3</b>	33.2	41.0	12.0	14.8	<b>17.1</b>	19.4	23.4			T	
<i>margacea</i>	20.1	26.2	<b>29.3</b>	32.3	40.5	9.0	11.2	<b>12.6</b>	14.0	17.5	F			
<i>macrostoma</i>	21.3	25.2	<b>28.5</b>	31.8	36.1	9.4	11.6	<b>13.2</b>	14.9	17.2			T	
<i>anziana</i>	23.0	25.5	<b>28.4</b>	31.2	36.5	10.3	11.4	<b>12.2</b>	13.1	14.5	F			
<i>aethiobola</i>	19.0	23.9	<b>26.6</b>	29.3	36.5	8.5	10.5	<b>11.6</b>	12.6	14.5	F			
<i>andesiatica</i>	19.0	23.1	<b>25.0</b>	26.9	32.0	9.5	11.0	<b>12.4</b>	13.8	16.8	F			
<i>calciseda</i>	20.9	22.7	<b>24.7</b>	26.7	29.1	8.6	10.0	<b>11.3</b>	12.7	14.8			T	
<i>funckii</i>	19.3	22.3	<b>24.0</b>	25.8	30.0	8.0	9.2	<b>10.1</b>	11.0	13.0	F			
<i>canella</i>	18.5	21.3	<b>23.9</b>	26.5	30.3	6.6	7.7	<b>8.5</b>	9.4	10.3			T	(L)
<i>elaeomelaena</i>	17.0	20.1	<b>22.3</b>	24.4	27.5	11.0	11.9	<b>12.8</b>	13.7	15.6	F			
<i>internigrescens</i>	15.0	19.6	<b>22.3</b>	24.9	30.0	7.5	9.1	<b>10.3</b>	11.6	13.1		M		
<i>muralis</i>	16.8	19.9	<b>22.0</b>	24.1	27.1	7.4	9.8	<b>11.2</b>	12.5	14.4			T	
<i>bryoctona</i>	15.0	19.3	<b>22.0</b>	24.7	29.0	5.0	5.8	<b>6.4</b>	7.0	8.0			T	
<i>fusconigrescens</i>	17.2	19.4	<b>21.4</b>	23.4	25.8	6.6	7.9	<b>8.8</b>	9.6	11.1		M	T	
<i>denudata</i>	14.8	19.6	<b>21.5</b>	23.4	26.5	6.5	8.1	<b>9.0</b>	9.9	12.0	F			
<i>praetermissa</i>	16.0	19.2	<b>21.0</b>	22.9	28.0	6.5	7.9	<b>8.7</b>	9.5	10.5	F			
<i>murina</i>	13.5	18.4	<b>21.1</b>	23.8	28.7	6.0	8.0	<b>9.6</b>	11.3	14.4			T	
<i>ochrostoma</i>	15.6	18.4	<b>20.9</b>	23.5	27.1	8.6	10.2	<b>11.5</b>	12.9	13.9			T	
<i>nigrescens</i>	15.2	15.6	<b>20.6</b>	25.5	24.6	7.8	7.3	<b>9.5</b>	11.7	12.3			T	
<i>crustulosa auct.</i>	14.0	17.5	<b>20.0</b>	22.5	27.0	7.0	8.3	<b>9.1</b>	9.9	11.1	(F)			L
<i>sandstedei</i>	16.0	?	?	?	21.0	3.0	?	?	?	5.0		M		
<i>cernaensis</i>	15.0	18.0	<b>19.9</b>	21.9	27.0	7.5	9.5	<b>10.6</b>	11.7	14.0	F			
<i>elaeina</i>	15.0	17.7	<b>19.4</b>	21.0	24.0	6.0	7.4	<b>8.0</b>	8.7	10.0			T	
<i>phaeosperma</i>	16.0	17.1	<b>19.3</b>	21.5	24.2	8.2	8.5	<b>9.0</b>	9.5	9.8				L
<i>pachyderma</i>	15.0	16.1	<b>19.1</b>	22.1	23.5	6.0	6.5	<b>7.7</b>	8.8	9.0	F			
<i>xyloxena</i>	13.5	16.6	<b>18.8</b>	21.0	27.0	5.5	6.3	<b>7.3</b>	8.2	10.0			T	
<i>dufourii</i>	15.6	16.4	<b>18.1</b>	19.8	23.4	6.6	7.1	<b>7.8</b>	8.4	9.0			T	
<i>pinguicula</i>	11.9	13.9	<b>16.7</b>	19.5	24.6	4.9	5.7	<b>7.0</b>	8.4	11.0			T	
<i>baldensis</i>	14.0	?	?	?	21.0	6.0	?	?	?	10.0			T	
<i>parmigerella</i>	14.0	?	?	?	21.0	6.0	?	?	?	8.0			T	
<i>amphibia</i>	13.1	15.0	<b>16.6</b>	18.1	19.7	4.9	5.6	<b>6.2</b>	6.8	7.4	M			

TABLE 1. *Verrucaria* species, arranged in descending order of mean ascospore length ( $\mu\text{m}$ )

Species	length					width					habitat			
	<i>min</i>	-1 SD	<b>mean</b>	+1 SD	<i>max</i>	<i>min</i>	-1 SD	<b>mean</b>	+1 SD	<i>max</i>	F	M	T	L
<i>sublobulata</i>	13.5	14.9	<b>16.4</b>	17.8	21.5	6.0	6.8	<b>7.6</b>	8.3	9.0	F			
<i>dolosa</i>	12.7	14.9	<b>16.4</b>	17.9	21.5	5.5	5.5	<b>7.5</b>	8.4	10.3	F		T	
<i>maura</i>	13.9	14.8	<b>16.1</b>	17.4	18.0	7.4	7.8	<b>8.6</b>	9.5	10.3		M		
<i>scabra</i>	11.0	13.9	<b>15.7</b>	17.5	21.3	7.0	7.6	<b>8.3</b>	9.0	10.5	F			
<i>cyanea</i>	13.5	14.1	<b>15.5</b>	16.9	18.5	5.7	6.1	<b>7.0</b>	7.8	9.0			T	
<i>fuscella</i>	11.5	13.2	<b>15.1</b>	17.0	20.5	4.5	5.2	<b>5.7</b>	6.2	7.4			T	(L)
<i>caerulea</i>	11.9	12.8	<b>15.0</b>	17.3	23.5	5.0	5.3	<b>6.2</b>	7.0	9.5			T	
<i>polysticta</i>	10.3	12.6	<b>14.1</b>	15.7	16.4	5.3	5.6	<b>6.2</b>	6.9	7.8			T	
<i>conturmatula</i>	11.5	12.6	<b>14.1</b>	15.6	18.0	3.3	4.9	<b>5.4</b>	6.0	6.5	(F)			L
<i>latericola</i>	10.6	?	<b>14.0</b>	?	18.9	4.5	?	<b>5.8</b>	?	7.5				L
<i>prominula</i>	10.3	11.7	<b>12.9</b>	14.2	16.0	4.5	6.7	<b>7.4</b>	8.2	9.0		M		
<i>rheitrophila</i>	8.5	11.2	<b>12.8</b>	14.4	16.0	6.0	6.6	<b>7.4</b>	8.2	9.5	F			
<i>madida</i>	9.0	10.6	<b>12.1</b>	13.6	14.8	5.3	6.1	<b>6.6</b>	7.1	7.4	F			
<i>aranensis</i>	6.9	?	<b>9.8</b>	?	11.1	5.6	?	<b>6.3</b>	?	<b>7.2</b>			T	
<i>ditmarsica</i>	7.4	8.6	<b>9.6</b>	10.6	12.0	5.0	5.9	<b>6.6</b>	7.3	8.0		M		
<i>halizoa</i>	7.0	7.8	<b>9.1</b>	10.5	11.9	3.3	3.6	<b>4.1</b>	4.7	5.3		M		
<i>striatula</i>	7.8	8.2	<b>9.1</b>	10.1	11.9	4.9	5.3	<b>5.6</b>	5.9	6.2		M		
<i>ceuthocarpa</i>	8.5	?	?	?	10.5	6.0	?	?	?	7.5		M		
<i>knowlesiae</i>	7.5	?	<b>8.9</b>	?	11.0	5.6	?	<b>5.9</b>	?	7.0			T	
<i>mucosa</i>	7.0	?	?	?	10.0	4.0	?	?	?	7.0		M		
<i>degelii</i>	7.0	?	?	?	10.0	4.0	?	?	?	7.0		M		
<i>bulgarica</i>	7.0	7.9	<b>8.6</b>	9.4	10.0	4.5	4.5	<b>4.8</b>	5.1	5.5			T	
<i>simplex</i>	6.0	7.0	<b>8.2</b>	9.4	9.5	3.5	3.8	<b>4.4</b>	4.9	5.0			T	
<i>aquatilis</i>	6.5	7.4	<b>8.2</b>	8.9	10.0	4.5	5.6	<b>6.1</b>	6.7	8.0	F			

Major habitat: F = Freshwater, M = Maritime, T = Terrestrial, L= Lichenicolous

SD = Standard Deviation