

**Table S3:** Estimated ranges of basidiospore dimensions of the studied *Crepidotus* collections based on 30 measurements represented as average (underlined)  $\pm$  standard deviation, in parenthesis minimum and maximum values, Q = length/width ratio. Sequenced specimens are marked with asterisk.

Taxon	Collection number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Q
<i>Crepidotus applanatus</i>	SLO 1492*	(4.8)4.9– <u>5.2</u> –5.5(6.2)	(4.5)4.8– <u>5.1</u> –5.5(6.2)	0.99– <u>1.01</u> –1.03
	SLO 2551*	(4.8)4.8– <u>5.2</u> –5.7(6.8)	(4.8)4.8– <u>5.2</u> –5.6(6.8)	0.99– <u>1.00</u> –1.02
	SLO 2517	(4.8)4.8– <u>5.0</u> –5.2(5.8)	(4.8)4.8– <u>5.0</u> –5.3(5.8)	0.98– <u>1.00</u> –1.02
	SLO 1821*	(4.8)4.9– <u>5.1</u> –5.3(5.7)	(4.8)4.9– <u>5.1</u> –5.3(5.7)	0.98– <u>1.00</u> –1.03
	SLO 2524	(5.0)4.9– <u>5.3</u> –5.6(6.0)	(5.0)4.9– <u>5.2</u> –5.6(6.0)	0.99– <u>1.00</u> –1.02
	SLO 2523	(4.5)4.7– <u>5.1</u> –5.5(6.5)	(4.5)4.7– <u>5.1</u> –5.4(6.5)	0.99– <u>1.00</u> –1.02
	SLO 2534*	(4.8)4.8– <u>5.1</u> –5.4(6.0)	(4.8)4.8– <u>5.1</u> –5.4(6.0)	0.98– <u>1.01</u> –1.03
	SLO 2535	(4.8)5.0– <u>5.2</u> –5.5(6.0)	(4.8)5.0– <u>5.2</u> –5.5(6.0)	0.99– <u>1.00</u> –1.01
	SLO 2537*	(4.5)4.8– <u>5.1</u> –5.4(6.0)	(4.5)4.8– <u>5.1</u> –5.3(5.8)	0.99– <u>1.00</u> –1.02
	SLO 2538	(4.8)4.9– <u>5.2</u> –5.4(6.0)	(4.8)4.9– <u>5.1</u> –5.4(6.0)	0.99– <u>1.00</u> –1.02
	SLO 2539*	(4.5)4.8– <u>5.2</u> –5.5(6.0)	(4.5)4.8– <u>5.2</u> –5.5(6.0)	0.98– <u>1.00</u> –1.02
	SLO 2533*	(4.8)4.9– <u>5.2</u> –5.4(5.8)	(4.8)4.9– <u>5.1</u> –5.4(5.8)	0.99– <u>1.00</u> –1.02
	SLO 2545	(4.5)4.8– <u>5.2</u> –5.7(6.2)	(4.5)4.8– <u>5.2</u> –5.7(6.2)	0.99– <u>1.00</u> –1.02
	SLO 2525	(5.0)5.0– <u>5.4</u> –5.8(6.2)	(4.8)4.9– <u>5.3</u> –5.8(6.2)	0.99– <u>1.00</u> –1.02
	SLO 2528*	(4.2)4.6– <u>5.0</u> –5.4(5.8)	(4.2)4.6– <u>5.0</u> –5.4(5.8)	0.99– <u>1.00</u> –1.06
	SLO 2531	(4.5)4.7– <u>5.0</u> –5.2(5.5)	(4.5)4.6– <u>5.0</u> –5.2(5.5)	0.98– <u>1.01</u> –1.03
	SLO 2532	(4.5)4.8– <u>5.1</u> –5.4(6.0)	(4.5)4.8– <u>5.1</u> –5.4(5.8)	0.99– <u>1.00</u> –1.02
	SLO 2547*	(4.8)5.0– <u>5.3</u> –5.6(6.0)	(4.8)5.0– <u>5.3</u> –5.5(6.0)	0.99– <u>1.00</u> –1.01
	SLO 1926	(4.8)4.9– <u>5.4</u> –5.9(6.2)	(4.8)4.9– <u>5.3</u> –5.8(6.0)	0.99– <u>1.02</u> –1.05
	SLO 2581*	(4.5)4.9– <u>5.4</u> –5.9(6.8)	(4.5)4.9– <u>5.3</u> –5.8(6.8)	0.99– <u>1.00</u> –1.02
<i>Crepidotus malachius</i>	SLO 2552*	(5.2)6.2– <u>6.8</u> –7.4(8.0)	(5.2)6.1– <u>6.7</u> –7.3(8.0)	0.99– <u>1.01</u> –1.02
	SLO 1497*	(5.2)6.0– <u>6.7</u> –7.4(8.0)	(5.2)6.0– <u>6.6</u> –7.3(8.0)	0.99– <u>1.01</u> –1.01
	SLO 1826*	(5.8)5.9– <u>6.5</u> –7.1(9.0)	(5.8)5.9– <u>6.5</u> –7.1(9.0)	0.99– <u>1.00</u> –1.01
	SLO 2548*	(5.8)6.4– <u>7.1</u> –7.7(9.0)	(5.8)6.3– <u>7.1</u> –7.8(9.0)	0.98– <u>1.00</u> –1.02
	SLO 479*	(5.2)5.6– <u>6.6</u> –7.6(9.5)	(5.2)5.6– <u>6.6</u> –7.7(9.5)	0.99– <u>1.00</u> –1.01
	SLO 2091*	(5.5)5.9– <u>6.6</u> –7.3(8.2)	(5.5)6.0– <u>6.6</u> –7.3(8.2)	0.98– <u>1.00</u> –1.02
	SLO 2536	(5.5)6.3– <u>6.8</u> –7.3(8.0)	(5.5)6.2– <u>6.8</u> –7.3(8.0)	0.99– <u>1.00</u> –1.01
	SLO 2540*	(5.0)5.8– <u>6.5</u> –7.1(8.2)	(5.0)5.8– <u>6.4</u> –7.1(8.0)	0.99– <u>1.01</u> –1.02
	SLO 2546	(5.0)5.8– <u>6.7</u> –7.5(8.5)	(5.0)5.8– <u>6.7</u> –7.6(9.0)	0.98– <u>1.00</u> –1.02
	SLO 2544*	(5.5)5.9– <u>6.6</u> –7.2(9.0)	(5.5)5.9– <u>6.5</u> –7.2(9.0)	0.99– <u>1.00</u> –1.01
	SLO 2542	(5.0)6.0– <u>6.9</u> –7.8(9.0)	(5.0)6.0– <u>6.9</u> –7.8(9.0)	0.99– <u>1.00</u> –1.01
	SLO 2530*	(6.0)6.4– <u>6.9</u> –7.5(8.0)	(6.0)6.4– <u>6.9</u> –7.4(8.0)	0.99– <u>1.00</u> –1.02
	SLO 2526	(5.0)5.7– <u>6.6</u> –7.5(9.0)	(5.0)5.7– <u>6.6</u> –7.5(9.0)	0.99– <u>1.00</u> –1.02
	SLO 2527	(5.0)6.0– <u>6.7</u> –7.3(8.0)	(5.0)6.0– <u>6.7</u> –7.3(8.0)	0.98– <u>1.00</u> –1.02
	SLO 2529	(5.0)5.7– <u>6.4</u> –7.1(8.0)	(5.2)5.7– <u>6.3</u> –7.0(8.0)	0.99– <u>1.00</u> –1.02
	SLO 2518	(5.0)5.5– <u>6.4</u> –7.4(9.0)	(5.0)5.5– <u>6.4</u> –7.3(9.0)	0.99– <u>1.01</u> –1.02
	SLO 2519	(5.8)6.2– <u>6.7</u> –7.2(8.0)	(5.8)6.1– <u>6.6</u> –7.2(8.0)	0.99– <u>1.00</u> –1.02
	SLO 2520	(5.5)6.1– <u>6.7</u> –7.3(7.8)	(5.5)6.0– <u>6.6</u> –7.2(7.8)	0.99– <u>1.00</u> –1.02
	SLO 2541*	(5.2)6.0– <u>6.4</u> –6.9(7.2)	(5.2)6.0– <u>6.4</u> –6.8(7.2)	0.99– <u>1.01</u> –1.02
	SLO 1845*	(5.2)5.8– <u>6.4</u> –6.9(7.2)	(5.2)5.8– <u>6.3</u> –6.9(7.2)	0.98– <u>1.01</u> –1.03
<i>Crepidotus pini</i>	SLO 2394*	(5.5)5.9– <u>6.7</u> –7.6(9.2)	(5.5)5.9– <u>6.7</u> –7.5(9.0)	0.99– <u>0.99</u> –1.02
	SLO 2549	(5.5)6.0– <u>6.8</u> –7.7(9.0)	(5.2)6.0– <u>6.8</u> –7.6(9.0)	0.99– <u>1.01</u> –1.02
	SLO 2550*	(4.8)5.1– <u>5.6</u> –6.1(6.5)	(4.8)5.1– <u>5.5</u> –6.0(6.5)	0.99– <u>1.01</u> –1.04
	SLO 2601*	(5.2)5.4– <u>5.8</u> –6.1(6.8)	(5.2)5.3– <u>5.7</u> –6.0(6.5)	0.98– <u>1.02</u> –1.06
	SLO 2602	(5.0)5.3– <u>5.8</u> –6.1(7.0)	(5.0)5.3– <u>5.7</u> –6.1(6.8)	0.99– <u>1.01</u> –1.03
	SLO 2579*	(5.0)5.5– <u>6.0</u> –6.5(7.0)	(5.0)5.4– <u>5.9</u> –6.5(7.0)	0.99– <u>1.01</u> –1.02
	SLO 2622	(4.8)5.3– <u>5.8</u> –6.3(6.8)	(4.8)5.3– <u>5.7</u> –6.1(6.5)	0.98– <u>1.02</u> –1.05
	SLO 2623	(4.8)5.1– <u>5.5</u> –5.9(6.2)	(4.8)5.0– <u>5.4</u> –5.8(6.0)	0.99– <u>1.01</u> –1.04