

Supplementary Table S2 – Published Pollen Morphological Data

Taxa	Equatorial diameter	Papilla length & shape	Polar length (incl. Papilla)	Exine thickness	Referecne	
Athrotaxoideae						
<i>Athrotaxis cupressoides</i>	28–30 μm	2.5–4 μm, straight or weakly bent			6	
	27–30 μm				7	
	14–18 μm				9	
	27–30 μm	<2 μm			11	
Cunninghamioideae						
<i>Cunninghamia lanceolata</i> (= <i>C. sinensis</i> )	30–38 μm	very short or not detectable indistinct aperture porate, very short or not detectable very short or not detectable			1	
	34.2–40 μm				3	
	34–40 μm				5	
	31–34 μm				4, 7	
	27 (39) 47 μm				6	
	28–39 μm				9	
	31–53 μm	very short			10	
	31–54 μm	<2 μm			11	
	(26.5) μm	very short			(24.4) μm	14
	26–36 μm					16
	(32.7) μm				(16.2) μm	17
	32.4 (40.8) 46 μm	4–5 μm			35.7 (36.5) 40.8 μm	20
	Taiwanoideae					
<i>Taiwania cryptomeroides</i> (= <i>T. flousiana</i> )	30–32 μm	indistinct aperture	18.4 (22.2) 25.1 μm	3–4 μm	5, 9	
	29 (30) 31 μm	<5.5 μm			6	
	(20) μm	very short			7	
	20–31 μm	<2 μm			11	
	21.7 (23.7) 26.7 μm	very short			13, 14	
	24–36 μm				16	
Sequoioideae						
<i>Metasequoia glyptostroboides</i>	19–28 μm	>6 μm, straight or top bent			5	
	22 (25) 30 μm	>3 μm			6	
	(30) μm				7	
	18–23 μm	2–3.5 μm			9	
	17.2 (24.3) 26.5 μm	<3 μm, weakly or sharply bent			11	
	25–28 μm				2–3 μm	16
	(24.4) μm				(12) μm	17
	18.7–28 μm				2–3 μm	18
<i>Sequoia sempervirens</i>	28–32 μm	sharply bent	(33) μm		4	
	28–34 μm	sharply bent			5	
	27 (37) 41 μm	<3.5 μm			6	
	22–25 μm		8			
	34–36 μm	3.4–4.5 μm	9			
	30.5 (34.7) 40.6 μm	3–4 μm, weakly or sharply bent	11			
	23–43 μm		2–3 μm		18	

<i>Sequoiadendron giganteum</i>	33–42 µm				5
	28–30 µm	8–11 µm			9
	25.4 (28.4) 30.5 µm	>4 µm, weakly or sharply bent			11
<i>Sequoia</i> + <i>Sequoiadendron</i>	28.5–41 µm	sharply bent			3
<b>Taxoidioideae</b>					
<i>Cryptomeria japonica</i>	30–35 µm				1
	23.9–31.9 µm	top bent			3
	23.9–31.9 µm	straight or weakly bent	30–34 µm		4, 7
	24–32 µm	straight or top bent			5
	22 (28) 30 µm	<5.5 µm, straight or top bent			6
	28–32 µm	5.5–6.5 µm			9
	23.9–39 µm	3–4 µm, straight or weakly bent			11
	26.3 (27.3) 33.8	<10 µm		<5 µm	12
	26.3 (27.3) 33.8	2.5 (3.9) 6.3 µm	28.8 (33.3) 37.5 µm	3–4 µm	14, 15
	22–30 µm	<6 µm	33–37 µm	3–4 µm	16
	(24.9) µm		(16.5) µm		17
	25–35 µm			2–3 µm	18
	34.9–41.8 µm	2.3–5.6 µm, straight or weakly bent	35.1–41.6 µm		20
<i>Glyptostrobus pensilis</i> (= <i>G. heterophyllos</i> )	29.6–30.8 µm	sharply bent			3
	29–31 µm	straight or top bent			5
	(30) µm	<2.75 µm			6
	27 µm		33 µm		7
	29–31 µm	2–2.5 µm			9
	25.4 (30.8) 31.8 µm	2–3 µm, weakly or sharply bent			11
<i>Taxodium</i>	22–32 µm				6
	28–36 µm				8
	22.9 (25.6) 27.9 µm	<3 µm, sharply bent			11
<i>Taxodium distichium</i>	30–37 µm				2
	27.4–31.4 µm	straight			3
	24–27 µm	straight			4, 7
	27–32 µm	small papilla			5
	22–28 µm	1.5–2 µm			9
	23–28 µm			3–4 µm	16
	17.5–28.6 µm	2–3 µm, sharply bent	19.5–28.6 µm		19
<i>Taxodium mucronatum</i>	(27) µm	<2 µm			6
	(25) µm				7
	33–35 µm			3–4 µm	16
	10.4–44.2 µm	sharply bent	15–28.6 µm		19

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