

**Supplementary Table 3.** Summary of the mean crown and stem group ages of selected clades of Ochnaceae and the difference in mean ages ( $\Delta$  Min–Max) between the three datasets (nuclear, plastid and trimmed plastid; see also Table 1).

Clade name	Nuclear	Plastid	Trimmed	All	Nuclear	Plastid	Trimmed	All
			Plastid	Crown			Plastid	Stem
	Crown group age (Ma)				Stem group age (Ma)			
	Mean		$\Delta$ Min–Max		Mean		$\Delta$ Min–Max	
Ochnaceae	68.9	68.9	69.4	0.5	81.6	88.0	89.0	7.4
Ochnoideae	59.7	61.8	59.4	2.4	68.9	68.9	69.4	0.5
Quiinoideae	22.1	21.1	21.0	1.1	54.4	59.0	58.8	4.6
Luxemburgieae	na	26.7	22.4	4.3	47.1	51.0	48.6	3.9
Sauvagesieae	39.9	39.5	36.4	3.5	43.3	47.0	44.2	3.7
SE Asian Sauvagesieae	20.5	20.9	19.1	1.8	24.5	25.4	23.5	1.9
<i>Fleurydora</i> – <i>Cespedesia</i> clade	22.0	27.2	23.3	5.2	32.8	38.3	33.2	5.5
Ochneae	35.4	35.6	33.8	1.8	43.3	47.0	44.2	3.7
Ochnineae	18.8	21.4	21.4	2.6	20.9	21.4	23.8	2.9
<i>Ouratea</i>	12.6	7.0	7.8	5.6	18.8	21.4	21.4	2.6
<i>Ochna</i>	10.8	15.1	16.5	5.7	17.0	18.2	19.6	2.6
<i>Brackenridgea</i>	11.4	14.5	13.3	3.1	14.5	16.8	16.3	2.3
<i>Luxemburgia</i>	2.4	13.3	11.5	10.9	na*	26.7	22.4	4.3
<i>Sauvagesia</i> s.l.	18.0	19.3	17.4	1.9	22.0	23.2	21.0	2.2