

Supplementary File 1. (P.J. Grote et al., 2022)

Genera of Chrysobalanaceae and characteristics of the endocarps (Hill, 1937; Kostermans, 1965, 1969; Prance, 1979, 1989; Prance and White, 1988; Prance and Sothers, 2003; Sothers et al., 2014, 2016).

Genus	Seminal cavities	Endocarp interior	Release of embryo
<i>Parinari halliana</i>	2 <sup>a</sup>	Hairs, long, slender, Twisted	2 basal obturators
<i>Parinari khoratensis</i>	2	Hairy	2 basal obturators
<i>Acioa</i> Aubl., 1775	1	Hairy	- <sup>b</sup>
<i>Afrolicania</i> Mildbr., 1921	1	Hairy	-
<i>Angelesia</i> Korth., 1855	1	Tomentose or densely lanate	Longitudinal lines of weakness or without lines of weakness
<i>Atuna</i> Raf., 1838	2	Hairy, hardly conspicuous	Endocarp breaking up irregularly
<i>Bafodeya</i> Prance ex F. White, 1976	2	Tomentose	-
<i>Chrysobalanus</i> L., 1753	1	Glabrous	Longitudinal lines of weakness
<i>Cordillera</i> Sothers and Prance ex Sothers et al., 2016	1	Glabrous	-
<i>Couepia</i> Aubl., 1775	1	Hairy	-
<i>Dactyladenia</i> Welw., 1859	1	Hairy	-
<i>Exellodendron</i> Prance, 1972	2	Sparsely to densely hairy	-
<i>Gaulettia</i> Sothers and Prance ex Sothers et al., 2014	1	Sparsely pubescent or tomentose or sparsely hirsute	-
<i>Geobalanus</i> Small, 1913	1	Pubescent	-
<i>Grangeria</i> Commers. ex Juss., 1789	1	Hairy	2 large lateral plates
<i>Hirtella</i> L., 1753	1	Hairy	4–7 longitudinal lines of weakness
<i>Hunga</i> Pancher ex Prance, 1979	2	Very hairy	4 to 6 longitudinal lines of weakness
<i>Hymenopus</i> (Benth.) Sothers and Prance ex Sothers et al., 2016	1	Glabrous or sparsely puberulous	-
<i>Kostermanthus</i> Prance, 1979	1	Glabrous or sparsely arachnoid pubescent	Irregularly dehiscent
<i>Leptobalanus</i> (Benth.) Sothers and Prance ex Sothers et al., 2016	1	Pubescent or rarely glabrous	-
<i>Licania</i> Aubl., 1775	1	Glabrous or variously Pilose	-
<i>Magnistipula</i> Engl., 1905	1 or 2	Glabrous	-
<i>Maranthes</i> Blume, 1825	2	Hairs short and twisted; dense layer of cotton wool like hairs	2 large lateral plates
<i>Microdesmia</i> (Benth.) Sothers and Prance, ex Sothers et al., 2016	1	Puberulous or glabrous	-
<i>Moquilea</i> Aubl., 1775	1	Glabrous or sparsely Pubescent	-
<i>Neocarya</i> (DC.) Prance ex F. White, 1976	2	Fine, soft wool	2 small basal obturators
<i>Parastemon</i> A. DC., 1842	1	Glabrous	2 large lateral plates
<i>Parinari</i> Aubl., 1775	2	Hairs, long, slender, Twisted	2 small basal obturators
<i>Parinariopsis</i> (Huber) Sothers and Prance ex Sothers et al., 2016	1	Glabrous	-

<sup>a</sup> Two seminal cavities in the fruit arising from a false dissepiment (secondary septum) dividing a locule

<sup>b</sup> No special mechanism of release of embryo

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