Taxa	Reference	Data type
Angiosperms	Whitehead [1]	Relation between wind-pollination and smooth pollen grains
Polemoniaceae	Taylor and Levin [2]	No apparent association between pollination mechanism and pollen sculpturing
Angiosperms	Heslop-Harrison [3]	Relation between exine and pollenkitt
Angiosperms	Hesse [4]	Relation between exine sculpturing, pollenkitt and pollination syndromes
Papilionoideae	Ferguson and Skvarla [5]	Correlation between pollen morphology and pollination mechanisms
Angiosperms	Zavada [6]	Association between exine sculpturing and self-incompatibility mechanisms
Araceae	Grayum [7]; Grayum [8]	Correlation between exine ornamentation and pollination type
Bauhinia	Ferguson and Pearce [9]	Correlation between exine ornamentation and pollination
Angiosperms	Gibbs and Ferguson [10]	No apparent association between exine sculpturing and self-incompatibility mechanisms
Cabombaceae	Osborn <i>et al.</i> [11]	Relation between exine sculpturing, pollenkitt and pollination
Callitrichaceae	Osborn and Philbrick [12]; Osborn et al.	Correlation between hydrophily and smooth pollen grains
	[13]	
Angiosperms	Linder [14]	Relation between smooth pollen ornamentation and wind pollination
Angiosperms	Stroo [15]	No association between bat pollinated plants and pollen morphology
Hydrocharitaceae	Tanaka <i>et al</i> . [16]	Correlation between pollen morphology and pollination mechanisms
Orchidinae	Lumaga et al. [17]	Relation between exine micromorphology and pollination strategies

Additional file 1. Studies published about relationship between the ornamentation of pollen grains and others characters in angiosperms.

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