

## Supplementary Table S1

Summary table of experiments (Outdoors and Laboratory). Seed sources: Meridional Iberian System<sup>(1)</sup> and the Botanical garden of Castilla-La Mancha<sup>(2)</sup>

SPECIES	SEED AGE (months)	TIMELINE OF RESEARCH	SEED SAMPLE SIZE
Outdoors: Phenology of embryo growth, dormancy break and radicle emergence			
<i>R. alpinum</i> <sup>1</sup>	0	1 Sep 2015 / 1 Feb 2016	Five bags (100 seeds/bag)
<i>R. uva-crispa</i> <sup>1</sup>	0	1 Sep 2015 / 1 Jun 2016	Ten bags (100 seeds/bag)
Outdoors: Phenology of seedling emergence			
<i>R. alpinum</i> <sup>1</sup>	0	1 Sep 2015 / 1 Jun 2016	Three trays (100 seeds/tray)
<i>R. uva-crispa</i> <sup>1</sup>	0	1 Sep 2015 / 1 May 2017	Three trays (100 seeds/tray)
Laboratory: Effects of temperature and gibberellic acid on embryo growth			
<i>R. alpinum</i> <sup>1</sup>	0	1 Aug 2015 / 1 Oct 2015	100-seed lot at 5°C
			100-seed lot at 20/7°C
			100-seed lot at 25/10°C
			100-seed lot at treat. A
			100-seed lot at treat. B
<i>R. uva-crispa</i> <sup>1</sup>	0	1 Aug 2015 / 1 Feb 2016	100-seed lot at 20/7°C + GA <sub>3</sub>
			200-seed lot at 5°C
		1 Aug 2015 / 1 Dec 2015	200-seed lot at 25/10°C
			1 Aug 2015 / 1 Nov 2015
		150-seed lot at treat. B + GA <sub>3</sub>	
		150-seed lot at 15/4°C + GA <sub>3</sub>	
Laboratory: Effects of stratification conditions, seed storage time and year of collection on germination			
<i>R. alpinum</i> <sup>1</sup>	0	1 Aug 2015 / 1 Oct 2015	· Stratification: 1250-seed lot at 25/10°C (1 m)
	0	1 Aug 2018 / 1 Oct 2018	· Incubations light and darkness; 100-seed lots (1 m) at:
	6	1 Feb 2019 / 1 Apr 2019	· 5°C      · 20/7°C      · 28/14°C · 15/4°C      · 25/10°C      · 32/18°C
<i>R. uva-crispa</i> <sup>1</sup>	9	1 May 2016 / 1 Nov 2016	· Stratifications:
	0	1 Aug 2016 / 1 Feb 2017	1250-seed lot at 5°C (5 m)
	9	1 May 2016 / 1 Nov 2016	1250-seed lot at 20/7°C (1 m) + 15/4°C (1 m) + 5°C (3 m)
	0	1 Aug 2017 / 1 Feb 2017	· Incubations light and darkness; 100-seed lots (1 m) at:
<i>R. uva-crispa</i> <sup>2</sup>	0	1 Aug 2017 / 1 Feb 2017	· 5°C      · 20/7°C      · 28/14°C · 15/4°C      · 25/10°C      · 32/18°C
Laboratory: Dormancy induction by cold stratification temperature			
<i>R. alpinum</i> <sup>1</sup>	0	1 Aug 2015 / 1 Oct 2015	100-seed lot at 25/10°C (1m) + 20/7°C (1 m) (Control)
		1 Aug 2015 / 1 Nov 2015	200-seed lot at 25/10°C (1 m) + 5°C (1 m) + 20/7°C (1 m) (treat. 1)
		1 Aug 2015 / 1 Dec 2015	100-seed lot at 25/10°C (1 m) + 5°C (1 m) + 20/7°C (2 m) (treat. 2)

Supplementary table to the article “Different levels of morphophysiological seed dormancy in *Ribes alpinum* and *R. uva-crispa* (Grossulariaceae) facilitate adaptation to differentiated habitats”, by Raquel Herranz, Miguel-Ángel Copete, José-María Herranz, Elena Copete and Pablo Ferrandis. *Forest Systems* Vol. 29 No. 2, August 2020  
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