Paeonia kesrouanensis

Jabal Moussa Biosphere reserve

Endemic plant









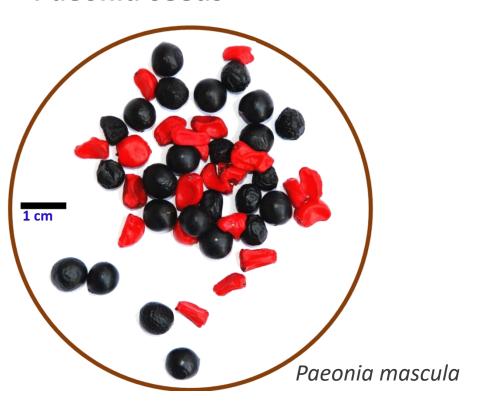






Paeonia seeds





Paeonia kesrouanensis

















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Paeonia kesrouanensis life cycle













Peonies habitat















Paeonia mascula life cycle





Flower bud



Flower



Lebanon-flora.org



Flower



Fertilised flower



Mature fruit







Peonies of Lebanon



Paeonia mascula



Paeonia kesrouanensis



Flower





Immature fruit





Mature fruit













Kesrouanensis peony (EN)
Pivoine de Kesrouan (FR)
ودح کسروان (AR)



Paeonia kesrouanensis Thiéb.

Growth conditions in the wild



Endemic to Lebanon and Turkey and could be present on the Syrian side of Anti-Liban.



It occurs in woodlands. It is found in sandy and rocky clay soils.



It grows in an altitudinal range of 1300 to 1800 m.a.s.l.

Seed germination



•Cold stratification for 1 month at 10°C.

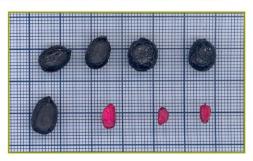


•Germination at 10°C on perlite. With a 12h light/day cycle.



- •First seedlings may be observed in 3 weeks.
- Average germination: 43%

Seed information and collection



- •Averaged weight for 100 seeds is 31.1 g (100 g \approx 322 seeds)
- •Seeds are collected directly from the dried fruit capsules in the form of a jester's hat.
- •The black seeds contain a mature embryo, while the red small seeds are unfertilised seeds (empty).
- •Non-protected species, except inside protected areas where collection is regulated.

Seed management

- •Break fruit capsules with hand by twisting the capsule or by a small hydraulic press.
- •Seeds are orthodox, so can be dehydrated at 15°C and 15 % RH and stored at 5°C for several years, or 25°C as base collection.

J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D
			*	*			0																