

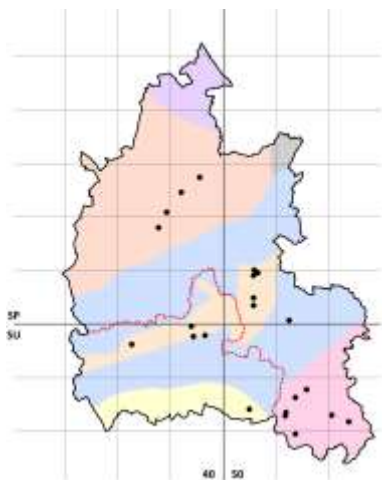
→ *Papaver argemone*

Archaeophyte Vulnerable

Prickly Poppy

Not Scarce in Oxon Not Scarce in vc23

This is one of the smaller poppies with prickly seed heads. It is an arable annual and generally found on dry, well drained, calcareous, sandy or gravelly soils and usually in field margins. It is susceptible to herbicides and thus has declined nationally and in Oxon. Like other members of the genus *Papaver*, its seed bank is long lived and it can re-occur in old habitats after many years. Druce described it as 'not uncommon' and it is still found in many of his sites as well as new ones. FIOx had it in 85 tetrads and it has 24 in 2000-12. Map post-2000. SEE 24.2.15



Post 2000 data

Photo: SEE

Key to map: Black dots = records during 2000-12. Green dots = records 1968-1999. Green squares = tetrads records. Red dashed line = vice-county boundary - vc23 to the N and E, part of vc22 to the SW.

Joint character areas (NCC) Lilac = Northamptonshire Uplands, ironstones; Grey = Northamptonshire clay vale; Orange = Cotswolds, Oolitic Limestone; Blue = Clay Vale; Beige = Corallian Ridge – sands and limestones; Yellow = Wessex Downs, chalk; Pink = Chilterns, chalk.

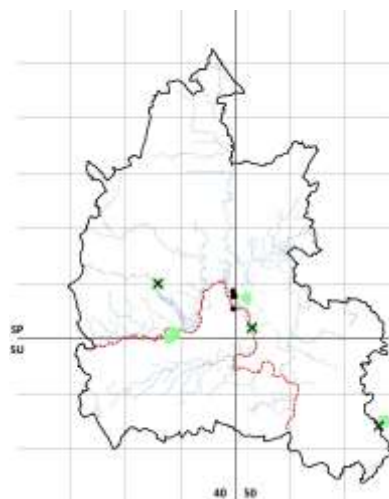
↓ *Apium repens*

Native European Protected Species S41 Vulnerable Sched 8

Creeping Marshwort

Rare in Oxon Rare in vc23

This is a small, creeping perennial of heavily grazed wet pastures. Formerly it grew in Scotland, Wales and Yorks, but for many years was known in GB only at Port Meadow, Oxford. It has since reappeared at Binsey and in Essex, but disappeared again. Monitoring since 1995 shows that it is eliminated by prolonged summer flooding which reduces soil oxygen, but reappears from the seed-bank. It requires long, warm summers for seed set, and tolerates raised nutrient levels. JNCC had DNA studies done (Grassly, Harris and Cronk 1997). English Nature's Species Recovery Programme supported monitoring, introductions, visiting Dutch sites and basic experiments by the OFG (McDonald & Lambrick 2006). NE continues to support monitoring and further introductions, and works with the City Council and the EA on water levels on Port Meadow. Possible hybrids with *A. nodiflorum* are being investigated at Leicester University. CRL 26.4.15



23	O	Port Meadow, Burgess Field Corner	SAC	SP495086	2008	OFG	10 x 5 m veg
22	O	North Hinksey Field, Oxford	LWS	SP496054	2008	AWM+	intr 1996, 15 x 5 m
23	O	Port Meadow, Oxford	SAC	SP499077	2005	OFG	100s to 1000s
23	O	Binsey Green, Oxford	LWS	SP495077	2005	OFG	8 abs AWM+ 2008
23	O	Marston Meadows, Oxford	SSSI	SP520073	1996	CRL+	48 intr, abs 1998
23	O	Sandford-on-Thames		SP530018		OXF	Abs CRL+ 2000
23	W	Langel Common, Witney	LWS	SP359098	1970	RCP	OXF. Abs CRL+ 2000
23	S	Henley-on-Thames		SU7684	1970	VNP	Abs VNP 1980

Key to Table. Col. 1 = vice-county; col. 2 = district; col. 3 site status. Bold = post-2000; italics = absent.