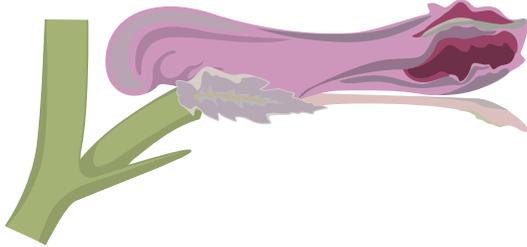
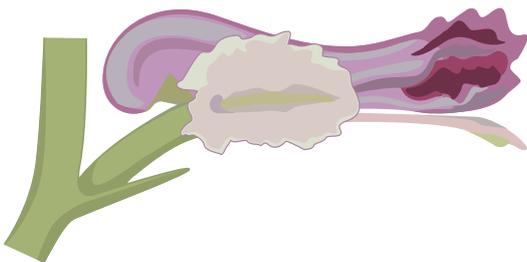


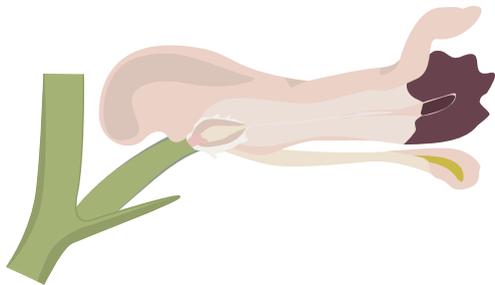
# Fumitories and Ramping-fumitories

Samples used for identification should be selected from open-grown locations rather than shady locations.  
Flower length is measured from the end of the spur to the tip of the longest petal.  
Fumitory flowers are less than 9 mm in length while Ramping-fumitory flowers are more than 9 mm in length.

Plant	Common fumitory	Dense-flowered fumitory
Species	<i>Fumaria officinalis</i>	<i>Fumaria densiflora</i>
Threat Status		Least Concern
Distribution	Common and widespread in the lowlands of the UK	Occurs widely on chalk in southern and south-eastern England. Also found in south-eastern Scotland
Leaves	Leaf segments channelled	Leaf segments channelled, very narrow
Flowers	Pinkish-red with dark-tipped lateral petal 6-8 mm long 10-40 (usually >20) flowers per raceme	Pink-red with black-tipped upper and lateral petals 6-7 mm long 20-25 flowers per raceme
		
Sepal	Small, toothed and white or pink 1-1.5 x 1.5-3.5 mm	Large and white 2 x 3 mm
Fruit	1.5 mm across. Wider than long with flattened (or notched) top Bract is shorter than fruit stalk	2 mm across. Spherical with a rounded top Bract is longer than fruit stalks
		
Key identification features	Small flower with small sepals Lots of flowers per raceme	Small flower with large sepals

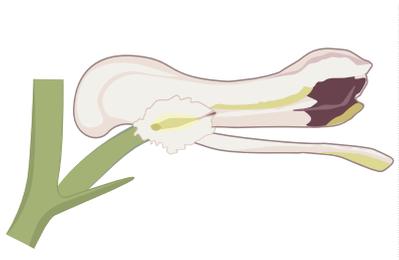
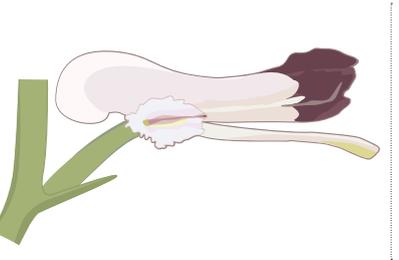
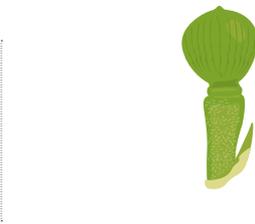
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# Fumitories and Ramping-fumitories

Plant	Few-flowered fumitory	Fine-leaved fumitory
Species	<i>Fumaria vaillantii</i>	<i>Fumaria parviflora</i>
Threat Status	Vulnerable	Vulnerable
Distribution	Mainly confined to the chalk of southern and eastern England	Mainly confined to the chalk of southern and eastern England
Leaves	Leaf segments relatively flat	Leaf segments very narrow and channelled
Flowers	Pale pink with reddish black-tipped lateral petal and wing of the upper petal 5-6 mm long 6-16 (occasionally more) flowers per raceme	White with reddish-black tipped lateral petal 5-6 mm long 16-20 flowers per raceme
		
Sepal	Small, toothed and pale purple 0.5 x 1 mm	Small, toothed and white 0.8 x 1 mm
Fruit	2 mm across. Spherical with a rounded top Bract is half to three-quarters as long as fruit stalks	2 mm across. Spherical, sometimes with a slight point at top Bract is about as long as fruit stalks
		
Key identification features	Small flower with small sepals Number of flowers in raceme	Small flower with small sepals Flower colour

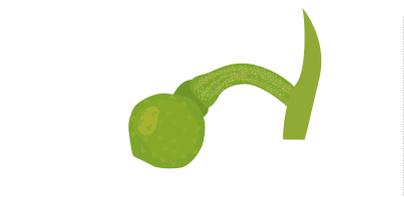
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# Fumitories and Ramping-fumitories

Plant	Common ramping-fumitory	Tall ramping-fumitory	Martin's ramping-fumitory
<b>Species</b>	<i>Fumaria muralis</i> ssp. <i>boraei</i>	<i>Fumaria bastardii</i>	<i>Fumaria reuteri</i>
<b>Threat Status</b>		Least Concern	Near Threatened
<b>Distribution</b>	Found throughout the UK but more widespread in the west	Mainly found in coastal regions of western parts of the UK (ranging from Cornwall to Outer Hebrides)	A very uncommon plant recorded near Truro in Cornwall and on the Isle of Wight
<b>Leaves</b>	Leaf segments relatively broad and flat	Leaf segments relatively broad and flat	Leaf segments relatively broad and flat
<b>Flowers</b>	Pinkish-red with darker upper and lateral petals 9-11 mm long 12-15 flowers in a raceme. Flower cluster shorter than stalk leading to cluster	Salmon-pink with dark tips to lateral petal only 9-11 mm long 10-18 flowers per raceme. Flower cluster longer than stalk leading to cluster	Pink-purple with darker upper and lateral petals 11-13 mm long 15-20 flowers per raceme. Flower cluster longer than stalk leading to cluster
			
<b>Sepal</b>	Large, toothed (mainly at the base) and pale in colour 1.5-3 x 3-5 mm	Small, toothed and white 2 x 3 mm	Large, oblong and white with very few teeth 6 x 3 mm
<b>Fruit</b>	2.5 mm across. Spherical with a rounded top No obvious fleshy neck between fruit and stalk Bract half as long as fruit stalks	2.5 mm across. Spherical, never down-turned No obvious fleshy neck between fruit and stalk Bract is a third of the length of fruit stalk	2.5 mm across. Spherical with a point on the top Fleshy neck between fruit and stalk Bract half to two thirds as long as fruit stalk
			
<b>Key identification features</b>	Stalk of the flower raceme longer than flower cluster and number of flowers in a cluster	Small flowers and sepals. Flower colour generally paler with the dark tip of the lateral petal and cluster longer than stalk	Stalk of the flower raceme shorter than flower cluster and sepal with few teeth

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# Fumitories and Ramping-fumitories

Plant	Purple ramping-fumitory	Western ramping-fumitory	White ramping-fumitory
Species	<i>Fumaria purpurea</i>	<i>Fumaria occidentalis</i>	<i>Fumaria capreolata</i>
Threat Status	Nationally Scarce	Nationally Scarce	Least Concern
Distribution	Mainly found in coastal regions of western parts of the UK (ranging from Cornwall to Orkney). This species is endemic to Britain and Ireland	Endemic to Cornwall and the Isles of Scilly	Mainly found near to the coast with more records from the western coast of Britain than the eastern coast
Leaves	Leaf segments relatively broad and flat	Leaf segments relatively broad and flat	Leaf segments relatively broad and flat
Flowers	Pink becoming darker with age. Blackish-red tipped lateral petal. 10-13 mm long 20-25 flowers per raceme. Flower cluster same length as stalk leading to cluster	White, pale pink. Blackish-red tipped lateral petal. 12-15 mm long 12-20 flowers per raceme. Flower cluster same length as stalk leading to cluster	Creamy-white with blackish red tipped upper and lateral petals. 10-14 mm long Approx. 20 flowers per raceme. Flower cluster length shorter than stalk leading to cluster
			
Sepal	Large white sepals, toothed at base 5 x 3 mm	Large white sepals, toothed at base 5 x 3 mm	Large, white and toothed. Broader than corolla tube 4-6 x 2.5-3 mm
Fruit	2.5 mm across. Spherical on a down-turned stalk No obvious fleshy neck between fruit and stalk Bract is a third to half of fruit stalk length	3 mm across. Spherical with slight point at top No obvious fleshy neck between fruit and stalk Bract is a third to half of fruit stalk length	2 mm across. Spherical on a down-turned stalk Fleshy neck between fruit and stalk Bract is a third to half of fruit stalk length
			
Key identification features	Large sepals and down-turned fruit stalk	Key differs from White ramping-fumitory: fewer flowers per raceme, flower colour is not creamy-white and larger flower with smaller sepal	Key differs from Western ramping-fumitory: creamy-white flowers and flower cluster length shorter than flower raceme stalk

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