

Distinishing features of *Meconopsis wilsonii* sub-species

Characteristic		
Density of leaves	<i>wilsonii</i> : 10 in 50cm of stem <i>australis</i> : 10 in 50cm of stem <i>orientalis</i> : 40 in 50cm of stem	
Number of leaf-lobe pairs	<i>wilsonii</i> : 6-8 (-10) <i>australis</i> : 4-6 (-8) <i>orientalis</i> : 9-12 (-15)	<i>wilsonii</i> may have more lobes than this, according to our recent observations.
Petiole angle to stem	<i>wilsonii</i> : ~ 90° even near top <i>australis</i> : ~ 90° even near top <i>orientalis</i> : < 45° in top half	
Division of bracts	<i>wilsonii</i> : deep <i>australis</i> : shallow <i>orientalis</i> : shallow	
Leaf hair colour	<i>wilsonii</i> : straw-grey <i>australis</i> : straw-grey <i>orientalis</i> : ginger-straw	
Filaments	<i>wilsonii</i> : straight, even, tight to the ovary, purple <i>australis</i> : straight, even, tight to the ovary, purple <i>orientalis</i> : separate, uneven, spread out, purple fading to white at the base	
Capsule shape	<i>wilsonii</i> : ovoid-ellipsoidal <i>australis</i> : ovoid-ellipsoidal <i>orientalis</i> : ovoid-ellipsoidal or ellipsoidal	
Stigma colour	<i>wilsonii</i> : purple <i>australis</i> : white or purple <i>orientalis</i> : purple	I haven't observed purple stigmas in <i>australis</i> myself
Seeds	<i>wilsonii</i> : 1.0-1.2 x 0.6-0.8 mm, ovoid/somewhat irregular, mid brown, slightly rugose <i>australis</i> : 0.8-0.9 x 0.5-0.7 mm, ovoid-elliptical, dark reddish brown, slightly rugose <i>orientalis</i> : 1.0-1,2 x 0.6-0.7 mm, ovoid-elliptical, mid-brown, rugose	<i>orientalis</i> seeds roll down a much shallower slope than do those of <i>wilsonii</i> – with experience, they can be distinguished by seed alone.

Kindly provided for the Meconopsis Group by:

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