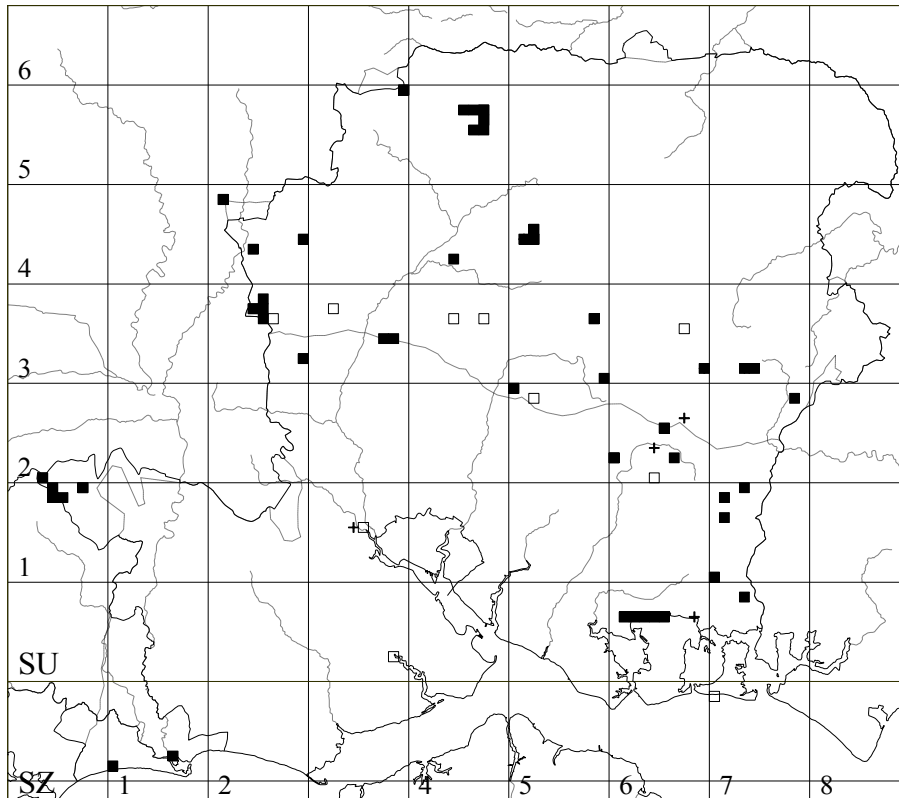


**National Status: Not Scarce, Native**



**S Hants: Infrequent**

Native

Open and short grassland and disturbed ground on chalk, localised and by no means in all apparently suitable sites. Occasionally recorded in entirely man-made habitat, usually where there is some chalk or limestone in the substrate. There are old records from the Toyd Down area (SU01Z), Southbourne (SZ19), Romsey (SU32), Broughton (SU33B), Shawford (SU42S), St Cross (SU42T or SU42U), Kilmeston (SU52X or SU52Y), Droxford (SU51Y or SU61D), Brookwood (SU62I), West Meon (SU62L) and several other spots more difficult to localise, suggesting a slight decline especially in the Winchester area.

Stace's *New Flora of the British Isles* keys this species out twice, once with strongly clasping auriculate stem leaves and once without. Continental botanists often recognise several plants in the *A. hirsuta* group, either as full species or subspecies: in NW Europe there are the perennial *A. hirsuta* with cordate or rounded stem leaves and the biennial *A. planisiliqua* (Pers.) Rehb., and *A. sagittata* (Bertol.) DC with auriculate stem leaves. Of these biennials, the latter is the more likely to occur as a native plant here, having a wide distribution in calcareous grassland and open ground on the near Continent, whereas *A. planisiliqua* is a more Southern Continental plant. However, Stace's description more closely tallies with *A. planisiliqua* and so may refer to introductions. All downland plants checked by the author so far correspond to *A. hirsuta* in the narrow sense, but it will be worth examining plants in man-made habitats, as well as the Portsdown populations, for either of the two other forms.

<b>Kitts Grave</b>	<b>SU0320</b>	<b>1984-2013</b>		
Kitts Grave	SU035203	09-Jun-13	HFG	On Roman agger
A354 N of Martin Down	SU036200	28-May-88	RPB	Sparse turf and outside fence, back of S. verge. Locally plentiful.
A354 N of Martin Down	SU036201	04-Jun-05	JAN	Locally frequent road verge and next to track.
<b>Martin Down C</b>	<b>SU0418, SU0419</b>	<b>1988-2009</b>		
Martin Down	SU047188	24-May-09	MR	2 plants.
Martin Down	SU048188	07-Jun-08	MR & HFG	Locally frequent.
Martin Down	SU049195	07-Jun-08	MR & HFG	At SU0412 1955.
Bokerley Ditch, Martin Down	SU042192	04-Jun-05	JAN	Frequent.
Martin Down	SU044190	28-May-88	RPB	W of Bokerley Ditch, Martin Down. In sparse and broken chalk turf. Widespread, abundant.
Martin Down	SU045192	04-Jun-05	ARGM	Over 50 plants on disturbed soil of ant hills here, but widely scattered elsewhere, again mainly on ant hills.

Martin Down	SU047191	04-Jun-05	ARGM	50 plants at SU0472 1915, mainly on disturbed soil of ant hills.
<b>Martin Down E</b> Martin Down	<b>SU0518</b> SU055189	<b>2007</b> 02-Jun-07	PM	Clump with 10 flowering stems at SU0550 1897.
<b>Tidpit, Martin</b> Toyd Down Quarry Tidpit, Martin	<b>SU0719</b> SU079190 SU079191	<b>1986-2006</b> 20-Sep-06 19-Jun-86	ILR PS & JO	Occasional. Old chalk pit.
<b>Stanpit</b> Stanpit, Christchurch	<b>SZ1692</b> SZ168924	<b>1988</b> 02-Apr-88	FAW	Dry calc area of new overflow car park. Hb FAW.
<b>Broughton Down</b> Broughton Down	<b>SU2932</b> SU290329	<b>1972-1988</b> 26-May-88	RPB	Chalk grassland in fenced off plot fringing beechwood. 2 flg plants.
Broughton Down HWT reserve	SU291329	26-May-88	RPB	In fenced-off plot opposite the tumulus.
<b>Beaulieu Abbey</b>	<b>SU3802</b>	<b>1957</b>		
<b>Testwood</b>	<b>SU3415, SU3515</b>	<b>1953-1978</b>		
<b>Portsdown, Portchester Common</b>	<b>SU6106, SU6206</b>	<b>1975-2004</b>		
Portsdown, Portchester	SU616065	28-Jun-91	DPJS	N side of small chalk pit, on S side of M27. Disturbed ground of new chalk platform of chalk pit.
Ports Down	SU619065	05-Jun-94	RMV	
Portchester Common	SU619068	16-May-04	JGood	15 plants.
Portsdown SSSI - Portchester Common	SU621067	19-Jul-00	JAN	Rare.
Portchester Common, Ports Down	SU622068	22-Jun-99	DRA	
<b>Portsdown, Paulsgrove</b>	<b>SU6206, SU6306</b>	<b>1998-2012</b>		
Ports Down, SW of Fort Southwick	SU625067	23-May-12	DRA, JAN & EJC	c.SU 6259 0672 (few metres to S.)
Portsdown Cmpt 1	SU628067	16-May-04	JGood	Est. c. 100 plants.
Ports Down	SU630067	21-Jul-98	GfA	
Portsdown, Paulsgrove	SU632067	25-May-11	DRA & JAN	SU 6326 0670.
Portsdown	SU633066	14-Jun-06	BSBI	Occsional
Portsdown Cmpt 3	SU633067	01-Jun-05	JGood	Frequent
<b>Portsdown, Wymering</b>	<b>SU6406</b>	<b>2004-2010</b>		
Portsdown Hill E	SU642065	14-Jun-06	DRA, JAN et al.	Occasional e.g. SU6426 0657 E of pit, chalk downland.
Portsdown Hill (central)	SU644065	14-Jun-06	DRA, JAN et al.	Occsaional and locally abundant. e.g. SU6449 0653.
Portsdown	SU645065	23-May-07	MR & GCo	Occasional eg at SU6457 0651, SU6451 0654, SU6450 0547.
Portsdown Cmpt 4	SU645066	16-May-04	JGood	Est. c. 100 plants.
Ports Down	SU646065	14-Jun-06	BSBI	Occasional eg at SU6463 0651, scattered in small quantity from here to brink of main pit.
Portsdown	SU648065	23-May-07	MR & GCo	Rare. At SU6480 0650.
<b>Fort Widley</b> Fort Widley Fort Widley	<b>SU6506</b> SU657065 SU6506	<b>2004-2012</b> 26-May-04 19-Jul-12	JGood JMill	6 plants.
<b>Farlington Redoubt</b>	<b>SU6806</b>	<b>1950s</b>		
<b>Beacon Hill, Warnford</b>	<b>SU6022</b>	<b>1954-2011</b>		
Beacon Hill (Exton)	SU603224	08-Jun-96	DRA	
Beacon Hill, Warnford	SU604224	08-Jun-96	DRA	
Beacon Hill	SU605225	16-Jun-90	RMV	Several sites on reserve.
Beacon Hill, Warnford	SU606226	26-May-05	MR	N side of main spur, around bases of several ant-hill mounds.
Beacon Hill, Warnford	SU6022	22-May-11	MR & GCo	
<b>Old Winchester Hill</b>	<b>SU6420</b>	<b>1978</b>		

<b>Headdon, West Meon</b>	<b>SU6525</b>	<b>2001</b>		
Railway Cutting Great Headdon	SU6525	23-Jul-01	JRow	
<b>Hen Wood, East Meon</b>	<b>SU6622</b>	<b>2005</b>		
Hen Wood, East Meon	SU664225	10-Jul-05	HFG	62 plants. Steep east-facing bank beside track below beech trees, SU6642 2252 to SU6642 2254.
<b>Sinah Common, Hayling</b>	<b>SZ7098</b>	<b>1976</b>		
<b>West Leigh</b>	<b>SU7308</b>	<b>1997</b>		
Comley Hill	SU735083	30-Apr-97	JRWH	A surprising find in a 'set aside' field at SU 735083 where there was no obvious sign of chalk in the soil (about a dozen plants in one patch).
<b>Windmill Hill, Clanfield</b>	<b>SU7116</b>	<b>2000</b>		
Windmill Hill North Central	SU7116	05-Sep-00	JAN	Locally abundant.
<b>Oxenbourne Down</b>	<b>SU7118</b>	<b>1968-1991</b>		
Oxenbourne Down	SU711188	08-Jun-68	SNHS	E slope of chalk down, locally frequent to plentiful.
Wascombe Bottom, East side - on ridge	SU7118	03-Jul-91	FR	On very open scree.
<b>Buriton</b>	<b>SU7319</b>	<b>1998</b>		
Fagg's Farm	SU736194	10-Jun-98	JRWH	

### N Hants: Infrequent

Native

There are also old records for tetrads SU23S, SU24K, SU34E, SU34Q, SU35H, SU43N, SU43Z and SU74Q. It occurs sparsely amongst short vegetation on chalk downland. Most colonies are small, with typically less than a dozen plants. A few large colonies have been reported, usually where patches of bare chalk are exposed. In the light of Martin's comments above, there is clearly a need to check the identity of plants in man-made or very disturbed habitats.

<b>Tidworth</b>	<b>SU2148</b>	<b>2009</b>		
Tidworth, Dunch Hill	SU210486	25-May-09	ARGM & HFG	A few plants at SU2107 4867 just in VC12.
<b>Porton Down</b>	<b>SU2437, SU2536, SU2537, SU2538</b>	<b>1969-2012</b>		
Porton Down	SU247372	29-May-04	BGo & JGo	On shaded bank under Fagus. Flora Group Meeting.
Isle of Wight Hill, Porton Down	SU248374	29-May-04	HFG, DRA & JAN	SU 24894 37428, woodland/plantation.
Porton Down	SU249374	1988	GDF	
Porton Down	SU252367	26-May-12	ARGM & HFG	At SU2526 3672 and SU2526 3675.
Isle of Wight Hill, Nether Wallop	SU252367	26-May-12	HFG, DRA & JAN	SU 2526 3674, 6+ in flower, & several leaf-rosettes.
Porton, Roche Court	SU253366	26-May-12	ARGM & HFG	At SU2531 3669.
Isle of Wight Hill, W of Nether Wallop	SU253367	26-May-12	HFG, DRA & JAN	SU 2531 3671 - six here, more nearby - scattered in general area.
Porton Down	SU254368	26-May-12	ARGM & HFG	
Porton Down	SU250372	29-May-04	HFG	Dozens of plants at SU2502 3729.
Porton Down	SU256384	2005	PJW	At SU2569 3845.
Porton Down	SU2636	12-Jun-67	RPB	Chalky road bank.
Porton Down	SU246438	25-Jun-11	ARGM, RG & ReNHS	Single plant at SU2462 4385, a few more further south.

<b>Amport, W of</b> Amport West	<b>SU2944</b> SU2944	<b>2013</b> 22-Jul-13	JRM	
<b>Danebury Hill</b>	<b>SU3237</b>	<b>1979</b>		
<b>Stockbridge Down</b>	<b>SU3734, SU3834</b>	<b>1968-2012</b>		
Stockbridge Down	SU375347	28-May-02	BGo & JGo	Widely scattered on S-facing slope. (also seen same site 10.vi.02).
Stockbridge Down	SU376348	26-Jun-10	PM	Four plants.
Stockbridge Down	SU377346	23-Jun-12	ARGM	
Stockbridge Down	SU378346	26-Jun-10	PM	Five plants.
Stockbridge Down	SU378348	20-Aug-12	MR & MESm	
Stockbridge Down	SU378349	23-Jun-12	ARGM	20 plants at SU3786 3490.
Stockbridge Down	SU379346	23-Jun-12	ARGM	
Stockbridge Down	SU379349	23-Jun-12	ARGM	
Stockbridge Down	SU380346	23-Jun-12	ARGM	
Stockbridge Down	SU381346	26-Jun-10	PM	Single plant.
<b>Pilot Hill, Faccombe</b> Pilot Hill (Faccombe) area	<b>SU3959</b> SU3959	<b>1985-2007</b> 2007	PBi	Western slope.
Pilot Hill, Faccombe	SU398595	1985	HCC	
<b>South Wonston</b>	<b>SU4736</b>	<b>1972</b>		
<b>MOD Barton Stacey</b> MOD Barton Stacey, Area 3	<b>SU4442</b> SU446426	<b>2004</b> 21-May-04	JRM	
<b>Beacon Hill, Burghclere</b> Beacon Hill, Old Burghclere	<b>SU4557, SU4657</b> SU457573	<b>2002</b> 22-Jun-02	HFG	Along fence-line at SU4578 5736.
Highclere Beacon Hill NE	SU460576	22-Jun-02	PBi	
<b>Litchfield</b> Litchfield, disused railway	<b>SU4655</b> SU463555	<b>2002</b> 22-Jun-02	ARGM	At SU463½555.
<b>Old Burghclere</b> Old Burghclere	<b>SU4657</b> SU469576	<b>2010</b> 18-May-10	PBi	In farmyard at SU4695 5765 - encouraged by recent scrub clearance.
<b>South Wonston</b>	<b>SU4736</b>	<b>1968-1972</b>		
<b>Great Litchfield Down</b> Hare Warren, Great Litchfield Down	<b>SU4755</b> SU479552	<b>1987</b> 1987	HCC	
<b>Ladle Hill</b> Ladle Hill	<b>SU4756</b> SU476566	<b>1975-2012</b> 10-Jul-11	ARGM & WGH	Five at SU4766 5669, another at SU4767 5668.
Ladle Hill	SU476567	10-Jul-11	ARGM & WGH	15 plants at SU4767 5673 and a few at SU4768 5672 and SU4768 5675.
Ladle Hill	SU477569	10-Jul-11	ARGM & WGH	One at SU4772 5695.
Ladle Hill	SU478568	02-Jun-12	ARGM	At SU4780 5688.
Ladle Hill	SU479567	12-Jul-09	ARGM & PBi	Single plant at SU4798 5679 in seed on the ancient earthworks.

<b>Old Burghclere Lime Quarry</b>	<b>SU4757</b>	<b>1971-2011</b>		
Old Burghclere Lime Quarry	SU470574	17-May-11	MR, SBal & PBi	SU4707 5749 on bank to left of path going in.
Old Burghclere Lime Quarry	SU471573	1971	MB	(Centre grid reference).
Old Burghclere Lime Quarry	SU471574	28-May-03	PBi	At SU4711 5748.
Old Burghclere Lime Quarry	SU471575	09-May-09	SBal	At entrance where strimming had been done, about 20 plants.
Old Burghclere	SU472573	14-May-10	MFW	Lime Quarry, by approach track, only 1 seen.
Old Burghclere	SU472574	1995	MFW	Old Burghclere Lime Quarry.
Old Burghclere	SU472575	1995	MFW	Old Burghclere Lime Quarry.
Burghclere old lime quarry	SU473573	1971	WMK	Floor of chalkpit, Old Burghclere.
<b>Magdalen Hill Down</b>	<b>SU5029</b>	<b>2002</b>		
Magdalen Hill Down	SU505291	02-Aug-02	PAB	
Original Reserve				
<b>Cheesefoot Head</b>	<b>SU5228</b>	<b>1958</b>		
<b>Abbotstone Down, N of</b>	<b>SU5836</b>			
Abbotstone Down, N of	SU583367	14-Jun-97	ARGM	Hundreds beside track and uncultivated field corner.
<b>Tichborne Down</b>	<b>SU5930</b>	<b>1988</b>		
Tichborne Down, Bishop's Sutton	SU594304	1988	ARGM	
<b>Micheldever Spoil Heaps</b>	<b>SU5144, SU5244, SU5245</b>	<b>1950-2009</b>		
Micheldever Spoil Heaps	SU519444	24-Jun-09	EAP & DL	One at SU5196 4444.
Micheldever Spoil Heaps HWT reserve	SU519445	16-Jun-91	HFG	[GR calc. from annotated map] One location: marked at 519445.
Micheldever Spoil Heaps	SU519443	4-Jul-99	CC, ARGM & HFG	Scattered plants e.g. SU5196 4439.
Micheldever Spoil Heaps	SU519444	4-Jul-99	CC, ARGM & HFG	Scattered plants e.g. SU5197 4446.
Micheldever Spoil Heaps	SU520443	13-May-08	NM	
Micheldever Spoil Heaps HWT reserve	SU520444	4-Jul-99	CC, ARGM & HFG	
Micheldever Spoil Heaps HWT reserve	SU520445	4-Jul-99	CC, ARGM & HFG	Scattered plants.
Micheldever Spoil Heaps, northern part	SU520450	08-Jun-05	ARGM & MEW	Several in newly cleared glade, SU52004504.
<b>Privett</b>	<b>SU6726</b>	<b>1950</b>		
<b>Four Marks</b>	<b>SU6735</b>	<b>1968</b>		
<b>East Tisted</b>	<b>SU6931</b>	<b>1987-2006</b>		
East Tisted	SU694311	03-Jun-06	SC	36 flowering spikes at SU69443119, East Tisted disused railway line plus another 71 nearby.
East Tisted disused rail line	SU694312	27-Jun-05	JAN, DRA & EJC	25, or more. Disused railway cutting.

<b>Liss</b>	<b>SU7828</b>	<b>1998</b>		
Liss, the 'Mint' area	SU7828	23-May-98	ARGM, MCo & JRWH	
<b>Noar Hill</b>	<b>SU7331, SU7431</b>	<b>1970-2007</b>		
Noar Hill, Selborne	SU739319	30-May-05	ARGM & SC	200 plants at SU7390 3195, mostly on unstable rim of pit top but some on very steep pit face and others in grass sward up to 4m from pit rim.
Noar Hill, Selborne	SU740318	28-May-04	BGo & JGo	Along top of steep chalk bank, SU74003184.
Noar Hill, Selborne	SU740319	13-Jun-07	ARGM & SC	At SU7407 3196 and 7409 3196.
Noar Hill, HWT reserve	SU741318	1999	SP	Very local, decreasing.
Noar Hill	SU741319	13-Jun-07	ARGM & SC	At SU7419 3196, along scrub edge above Gentian Pit.