

BSBI Threatened Plant Project recording form

Version 3, March 2010



Species <b>ANACAMPTIS MORIO</b>	VC <b>46</b>	Selected site?*	<del>46</del>	Day <b>30</b>	Month <b>4</b>	Year <b>2012</b>	Recorder(s) <b>A.O. CHATER</b>
Site <b>ABER-PORTH CEMETERY</b>	If yes give site number <b>1</b>	Aspect <b>level</b>	Slope	Alt (m) <b>80</b>			

\* VCRs should have been sent a list of pre-selected sites which we would like revisited as part of this survey (these can be downloaded from the BSBI website - www.bsbi.org.uk)

Grid reference(s) Please record presence in 100m or 10m grid cells. Continue on reverse if necessary	Sketch map Please indicate north and approximate position of population surveyed																																																																																																																																																						
<table border="1"> <tr><td>S</td><td>N</td><td>2</td><td>6</td><td>5</td><td>9</td><td>5</td><td>0</td><td>6</td><td>4</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>0</td><td>5</td><td>0</td><td>6</td><td>4</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>1</td><td>5</td><td>0</td><td>6</td><td>4</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>5</td><td>9</td><td>5</td><td>0</td><td>6</td><td>5</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>0</td><td>5</td><td>0</td><td>6</td><td>5</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>1</td><td>5</td><td>0</td><td>6</td><td>5</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>2</td><td>5</td><td>0</td><td>6</td><td>5</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>5</td><td>9</td><td>5</td><td>0</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>0</td><td>5</td><td>0</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>1</td><td>5</td><td>0</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>2</td><td>5</td><td>0</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>3</td><td>5</td><td>0</td><td>6</td><td>6</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>5</td><td>9</td><td>5</td><td>0</td><td>6</td><td>7</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>0</td><td>5</td><td>0</td><td>6</td><td>7</td></tr> <tr><td></td><td></td><td>2</td><td>6</td><td>6</td><td>1</td><td>5</td><td>0</td><td>6</td><td>7</td></tr> </table>	S	N	2	6	5	9	5	0	6	4			2	6	6	0	5	0	6	4			2	6	6	1	5	0	6	4			2	6	5	9	5	0	6	5			2	6	6	0	5	0	6	5			2	6	6	1	5	0	6	5			2	6	6	2	5	0	6	5			2	6	5	9	5	0	6	6			2	6	6	0	5	0	6	6			2	6	6	1	5	0	6	6			2	6	6	2	5	0	6	6			2	6	6	3	5	0	6	6			2	6	5	9	5	0	6	7			2	6	6	0	5	0	6	7			2	6	6	1	5	0	6	7	<p>See Google earth sheet attached.</p>
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Population size	0 (null)		Unit counted	Seedlings		Density e.g. a few plants widely scattered
	1-10			Rosettes		<b>Many plants widely scattered.</b>
	11-100			Clumps/patches		
	101-300			Flowering/fruiting spikes	<input checked="" type="checkbox"/>	
	301-500	<input checked="" type="checkbox"/>		Combination of above		
	501-1000					
	1001-3000		Regeneration	Seedlings		Extent e.g. 50 x 100 m
	3001-10000			Vegetative		<b>60 x 40 m</b>
	>10000			Flowering	<input checked="" type="checkbox"/>	
Actual number if counted	<b>309</b>			Fruiting		

Habitat type Please give brief description of habitat and where known broad habitat, NVC community, soil type, geology, water regime, etc.	Management Please give brief details of management and whether these are appropriate for the threatened species surveyed	Threats or reason for null record																										
<b>Neutral grassland, unimproved but regularly mown.</b>	<b>graveyard is mown c. monthly, sometimes during flowering or fruiting, sometimes not.</b>	<table border="1"> <tr><td>Afforestation</td><td></td></tr> <tr><td>Agricultural improvement</td><td></td></tr> <tr><td>Burning</td><td></td></tr> <tr><td>Lack of management</td><td></td></tr> <tr><td>Invasive species</td><td></td></tr> <tr><td>Mineral extraction</td><td></td></tr> <tr><td>Overgrazing</td><td></td></tr> <tr><td>Pollution / eutrophication</td><td></td></tr> <tr><td>Recreation</td><td></td></tr> <tr><td>Species transient</td><td></td></tr> <tr><td>Undergrazing</td><td></td></tr> <tr><td>Urban/road development</td><td></td></tr> <tr><td>Other (please specify):</td><td></td></tr> </table>	Afforestation		Agricultural improvement		Burning		Lack of management		Invasive species		Mineral extraction		Overgrazing		Pollution / eutrophication		Recreation		Species transient		Undergrazing		Urban/road development		Other (please specify):	
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Aquatic species only	Management details:																											
Water-body margin grazed?																												
Water-body recently cleared?																												
Water-body affected by drainage?																												
	<table border="1"> <tr><th>High</th><th>Mod</th><th>Low</th><th>None</th></tr> <tr><td>Grazing</td><td></td><td></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Shading</td><td></td><td></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Disturbance</td><td></td><td></td><td><input checked="" type="checkbox"/></td></tr> <tr><td>Sward height (cm)</td><td>&lt; 10</td><td>11-30</td><td>31-100 &gt; 100</td></tr> <tr><td></td><td></td><td><input checked="" type="checkbox"/></td><td></td></tr> </table>	High	Mod	Low	None	Grazing			<input checked="" type="checkbox"/>	Shading			<input checked="" type="checkbox"/>	Disturbance			<input checked="" type="checkbox"/>	Sward height (cm)	< 10	11-30	31-100 > 100			<input checked="" type="checkbox"/>				
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Anacamptis morio. Ober-parth cemetery V.C. 46.

Grid references continued								Site history		
		2	6	6	2	5	0	6	7	Please comment on any factors likely to have influenced the abundance of the species on the site. For full records please provide the year of last record if known First noticed here in 1981, more than 1,000 spikes (cemetery normally mown than every 2 or 3 weeks, but the mower was in hospital and it was unmown until <u>A. morio</u> in early fruit); no spikes in 1982, in spite of being unmown or requested during May and early June); c.580 spikes in 1983; c.350 in 1992; c.350 in 1994; c.1,250 in 1997. (Regular mowing resumed after 1983, and most years impossible to monitor as cut.)
		2	6	6	3	5	0	6	7	
		2	6	6	4	5	0	6	7	
		2	6	6	1	5	0	6	8	
		2	6	6	2	5	0	6	8	
		2	6	6	3	5	0	6	8	

Associated species within a 1m radius of the target species

Method for recording associated species:

- Select an area where the target species is abundant avoiding areas that include other habitats from which the target species is absent
- Select an individual of the target species and record all species only within a 1m radius
- Record the abundance of all species including the target species in this area using the DAFOR scale (D = dominant, A = abundant, F = frequent, O = occasional, R = rare)
- Record extra quadrats where the species occurs over a large area or occurs in more than one vegetation type

Associate list 1		Associate list 2		Associate list 3	
	DAFOR		DAFOR		DAFOR
<i>Anthoxanthum</i>	} co-d	<i>Anthoxanthum</i>	} co-d	<i>Anthoxanthum</i>	} co-d
<i>Agrostis capillaris</i>		<i>Agrostis capillaris</i>		<i>Agrostis capillaris</i>	
<i>Festuca rubra</i>		<i>Festuca rubra</i>		<i>Festuca rubra</i>	
<i>Holcus lanatus</i>		<i>Holcus lanatus</i>		<i>Holcus lanatus</i>	
<i>Dactylis</i>		<i>Dactylis</i>		<i>Dactylis</i>	
<i>Poa humilis</i>		<i>Poa humilis</i>		<i>Poa humilis</i>	
<i>Ranunculus bulbosus</i>		<i>Ranunculus bulbosus</i>		<i>Ranunculus bulbosus</i>	
<i>Centaurea nigra</i>		<i>Centaurea nigra</i>		<i>Centaurea nigra</i>	
<i>Trifolium repens</i>		<i>Trifolium repens</i>		<i>Trifolium repens</i>	
<i>Viola tricolor</i>		<i>Viola tricolor</i>		<i>Viola tricolor</i>	
<i>Taraxacum</i>		<i>Taraxacum</i>		<i>Taraxacum</i>	
<i>Ajuga reptans</i>		<i>Ajuga reptans</i>		<i>Ajuga reptans</i>	
<i>Plantago lanceolata</i>		<i>Plantago lanceolata</i>		<i>Plantago lanceolata</i>	
<i>Hypochaeris radicata</i>		<i>Hypochaeris radicata</i>		<i>Hypochaeris radicata</i>	
<i>Ranunculus acris</i>		<i>Ranunculus acris</i>		<i>Ranunculus acris</i>	
<i>Leucanthemum vulgare</i>		<i>Leucanthemum vulgare</i>		<i>Leucanthemum vulgare</i>	
<i>Anacamptis morio</i>		<i>Anacamptis morio</i>		<i>Anacamptis morio</i>	
<i>Rumex acetosa</i>		<i>Rumex acetosa</i>		<i>Rumex acetosa</i>	
<i>Pilosella officinarum</i>	<i>Pilosella officinarum</i>	<i>Pilosella officinarum</i>			
<i>Cerastium fontanum</i>	<i>Cerastium fontanum</i>	<i>Cerastium fontanum</i>			
<i>Luzula campestris</i>	<i>Luzula campestris</i>	<i>Luzula campestris</i>			
<i>Crepis capillaris</i>	<i>Crepis capillaris</i>	<i>Crepis capillaris</i>			
<i>Mosses</i>	<i>Mosses</i>	<i>Mosses</i>			

Please use this space to record any other comments / observations



Google earth

feet 200  
meters 80



Aber-arth cemetery. Anacamptis morio. 30.4.2012.

Crosses indicate plants or groups of plants. Total plants 309.

Circles indicate quadrats 1-3.

SN 265 506. V.S. 46.

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Handwritten text, possibly a signature or a list of names, located in the lower middle section of the page.