Old Friends, Where Are You Now?



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went to a college reunion last weekend. Enclosed in the invitation was a list of compatriots who had left their last known addresses: not too far from my 'day job' of working out which cultivars are rare, or worse, have left their last known address. Plant Heritage's *Threatened Plants Project* was started in 2009 to find out what had once been grown in British or Irish horticulture, but has become rare enough to be considered 'Threatened in Cultivation'. For example, a plant with only one supplier listed in the RHS *Plant Finder* for the past five years, as well as a plant no longer available, would be 'Threatened Plants'. Plants new to *Plant Finder* in 2005 and onwards are excluded.

We have recently compiled a draft 'Threatened' list for *Clematis* – most of which names have no known current address. Have you seen any of them recently? **The story in numbers:**

2,316 clematis taxa listed in the RHS horticultural database, which includes species as well as cultivars (now at http://apps.rhs.org.uk/horticulturaldatabase); 1,153 clematis cultivars known by us to have been grown in the UK & Ireland (there will be more); 413 "Threatened in Cultivation' (for example, no longer listed in the Plant Finder); 47 threatened plants have been found across five National Plant Collections®; 24 of these are not known growing anywhere else. All are 'Endangered in Cultivation'; 36 are recorded as growing in gardens – whether botanic, RHS, National Trust, National Trust for Scotland or many others, for example Bristol Zoo. These are also 'Endangered in Cultivation'; 35 more, not found in gardens or collections, are however listed as available from one or two of 15 nurseries listed in the Plant Finder 2014 (grey text in the 'Threatened' list); There are 336 which sadly have not yet been found anywhere and are 'Critical in Cultivation' (red text in the 'Threatened' list).

Are they worth finding?

Many were bred by British nurserymen, as Richard Hodson pointed out in the BCS August Newsletter. 29 were included in the *Gardener's Guide to Growing Clematis* by Raymond Evison (1998). 16 were recommended in the *Pocket Guide to Clematis* by Mary Toomey, Everett Leeds and Charles Chesshire (2006). And we have only just started the process of gathering this information. Occasionally, one seems commonly available, but the true form is rarely supplied: we have recently been alerted to *C. armandii* 'Snowdrift' and *C.* 'Picton's Variety' in this regard.

There will also be, at this stage, **inaccuracies** in the list which follows, such as names which have never been registered; plants which are so widely available (from places such as supermarkets) that nurseries don't even bother with them; or are so common in another country that they should be of less conservation concern here; lookalikes; or those that never should have been allowed out in the first place!

Any corrections are welcome and will be used to update our lists immediately. What can I do?

1. Do you grow one of the "Threatened' cultivars? Please contact Richard Hodson (richardhaw@talktalk.net) who is collating details of BCS members' "Threatened' plants. Already, *C*. 'Shropshire Blue' has been found in this way.

PLANT HERITAGE National Council for the Conservation of Plants & Gardens



'John Gould Veitch'





C. × vedrariensis 'Highdown'



Clematis montana var. rubens 'Veitch'

Plant Heritage members: you may register online directly as a Plant Guardian for your plant.

2. If your garden is regularly open to the public, the Project welcomes your plant records for all cultivars (not just clematis; we are currently evaluating hundreds of genera), and in return we will report directly which "Threatened" plants you hold – and whether you might even have the last remaining one. We now review plant records from several hundred gardens and conservation schemes.

3. If you fancy poring over old books or catalogues, I can send you lists to compare: you could discover more long-lost friends to add to those already known.

4. We would welcome recommendations of those 'Threatened' clematis you, or a published reference, believe to be particularly worthy of conservation, and why (such as historical interest, garden value, breeding potential). Meanwhile, we will be asking our Collection Holders and others (thank you to Everett Leeds and Mike Brown who have been reviewing some early draft lists).

'Threatened' Clematis cultivars identified by Plant Heritage as at 1st October

2014: Current lists and more information are available from TPP at this web address: http://www.nccpg.com/TPP/Technical-data.aspx

Plants featured here:

C. montana var. *rubens* 'Veitch', last listed in the *Plant Finder* in 2010. 'Endangered in Cultivation'.

C. 'East Malling', new to the *Plant Finder* in 1998 and last listed 2012, but offered in Plant Heritage's members' Plant Exchange in 2012. 'Endangered in Cultivation'.

C. × *vedrariensis* 'Highdown', last listed in the *Plant Finder* in 2012, although recommended by Raymond Evison in the *Gardener's Guide to Growing Clematis* in 1998. 'Endangered in Cultivation'.

Photos of above plants were taken in 2006 at the National Collection of *Clematis montana*, held by Val Le May Neville-Parry. Photos ©Plant heritage.

C. 'John Gould Veitch', last listed in the *Plant Finder* in 2006, is still recorded growing at one public garden. Raymond Evison in *Clematis for Small Spaces* (2007): 'All except one of these old double cultivars, *C.* 'John Gould Veitch' introduced in 1862 from Japan, have now been lost to cultivation – and although this is still a lovely and historical cultivar, the double cultivars grown today are vastly superior'.

For some, standard specimens are held at Wisley: live plants haven't yet been found in gardens or on a nursery. Scans supplied courtesy of RHS Wisley.

C. 'Gemini', 1990 herbarium specimen. New to *Plant Finder* in 2000, last listed in 2012. 'Critical in Cultivation'.

C. 'Amelia Joan', 1996 herbarium specimen. New to *Plant Finder* in 2001, no current suppliers. 'Critical in Cultivation'.

 $C. \times$ cartmanii 'Joanna', 1996 herbarium specimen. Last listed in *Plant Finder* in 1997. 'Critical in Cultivation'.

C. 'Aoife', 2002 herbarium specimen. New to Plant Finder in 2001, last listed in 2004. 'Critical in Cultivation'.



Wisley Herbarium Sheet C. 'Amelia Joan'



Wisley Herbarium Sheet C. 'Aoife'



Wisley Herbarium Sheet C. 'Gemini'



Wisley Herbarium Sheet C. × cartmanii 'Joanna'

	ltivars identified by Plant Her	
C. 'Acton Pride'	C. 'Blue Gem'	C. 'Dovedale'
C. 'Ada Sari'	C. 'Blue Japan'	C. 'Dubysa'
C. 'Aino'	C. 'Blue Stream'	C. 'Dulcie'
C. 'Ajisai'	C. 'Blue Tapers'	C. 'East Malling'
C. 'Akemi'	C. 'Blush Queen'	C. 'East Sunset'
C. 'Akeshina'	C. 'Blushing Ballerina'	C. 'Ebba'
C. 'Albatross'	C. × bonstedtii 'Campanile'	C. 'Elfin'
C. 'Aleksandrit'	C. 'Boskoop Beauty'	C. 'Elisabeth Foster'
C. 'Al-nor'	C. 'Boskoop Glory'	C. 'Ellenbank White'
C. alpina 'Alba Belsay'	C. 'Bowl of Beauty'	C. 'Emajõgi'
C altina 'Aquarius'	C. 'Bracebridge Star'	C. 'Emerald Stars'
<i>C. alpina</i> 'Boulaha'	C. 'Bravo'	C. 'Empress of India'
C. 'Alpinist'	C. 'Burford Bell'	C. 'Erik'
C. 'Amelia Joan'	C. 'Burford Variety'	C. 'Étoile de Paris'
C. 'Ameshisuto'	C. 'C.W. Dowman'	C. 'Europa'
<i>C</i> . 'Amy'	C. 'Candida'	C. 'Eva'
C. 'Anders'	C. 'Caroline Lloyd'	C. 'Fairy'
C. 'Anna'	C. × cartmanii 'Joanna'	C. 'Fairy Queen'
C. 'Anna German'	C. × cartmanii 'Snow Valley'	C. 'Farrago'
C. 'Anna Karolina'	C. 'Cassiopeia'	C. 'Fay'
C. 'Annemieke'	C. 'Centre Attraction'	C. 'Firefly'
C. 'Annie Treasure'	C. 'Cherry Brandy'	C. flammula 'Ithaca'
C. 'Anouchka'	C. 'Christian Steven'	C. 'Floral Feast'
C. 'Anti'	C. cirrhosa 'Ballerina'	C. 'Forever'
C. 'Aoife'	C. 'Claudius'	C. 'Four Star'
C. 'Apulejus'	C. 'Clochette Pride'	C. 'Fragrant Joy'
<i>C. armandii</i> 'Snowdrift'	C. 'Coerulea Linacea'	C. 'Fujinami'
C. 'Asagasumi'	<i>C</i> . 'Colette Deville'	C. 'G. Steffner'
C. 'Ashitaka'	C. 'Corry'	<i>C.</i> 'Gekkyuuden'
C. 'Aurora Borealis'	C. 'Cotton Candy'	C. 'Gemini'
C. 'Ballet Skirt'	C. crispa 'Cylindrica'	C. 'Georg Ots'
C. 'Baltyk'	C. 'Czarna Madonna'	C. 'Glynderek'
C. 'Barbara Wheeler'	C. 'Darlene'	C. 'Gornoe Ozero'
C. 'Basil Bartlett'	C. 'Dilly Dilly'	<i>C.</i> 'Grandiflora Sanguinea'
<i>C</i> . 'Beauty of Richmond'	C. 'Directeur André Devillers'	C. 'Gravetye Seedling'
C. 'Benedictus'	C. 'Docteur Le Bêle'	C. 'Green Parrot'
C. 'Bessie Watkinson'	C. 'Doggy'	C. 'Green Velvet'
C. 'Betty'	C. 'Donna'	C. 'Guiding Star'
C. 'Big Bird'	C. 'Dorota'	C. 'Hainton Ruby'
C. 'Blue Diamond'	C. 'Dorothy Tolver'	C. 'Halina Noll'

C. 'Hania'	C. 'Kasugayama'	C. marata 'Temple Prince'
C. 'Harlequin'	C. 'Katharina'	C. marata 'Temple Queen'
C. 'Harmony'	C. 'Katherine'	C. 'Marcel Moser'
C. 'Haru-no-hoshi'	<i>C.</i> 'Kathleen Wheeler'	C. 'Margaret Jones'
C. 'Haruyama'	<i>C.</i> 'Keith Richardson'	C. 'Margaret Wood'
C. 'Heirloom'	C. 'Ken Hall's Form'	C. 'Maria'
C. 'Helen Cropper'	<i>C</i> . 'Ketu'	C. 'Maria Louise Jensen'
C. heracleifolia 'Alba'	C. 'King George V'	C. 'Mary Whistler'
C. heracleifolia 'Frilly'	C. 'Kinokawa'	C. 'Mary-Claire'
C. heracleifolia 'Jaggards'	C. 'Kirimäe'	C. 'Matilda'
C. 'Herbert Johnson'	C. 'Kjell'	C. 'Matka Siedliska'
<i>C</i> . 'Hidcote Purple'	C. 'Klaara'	C. 'Matka Teresa'
	C. 'Kosmicheskaia	C. 'Matka Urszula
C. 'Hint of Pink'	Melodiia'	Ledóchowska'
C. 'Hythe Chiffchaff'	C. 'Kotkas'	C. 'Matthias'
<i>C</i> . 'Ice Maiden'	C. 'Krakow'	C. 'Meeli'
C. 'Ice Queen'	C. 'Krakowiak'	C. 'Meloodia'
C. 'Ideal'	C. 'Kuba'	C. 'Memm'
C. 'Ilka'	C. 'Lady Catherine'	C. 'Mevrouw Oud'
C. 'Imperial'	C. 'Lady in Red'	<i>C</i> . 'Mia'
C. 'Inglewood'	C. 'Last Dance'	C. 'Michelle'
C. 'Inshriach'	C. 'Laura'	C. 'Mikla'
C. integrifolia 'Cascade'	C. 'Laura Denny'	C. 'Miss Crawshay'
<i>C. integrifolia</i> 'Finnis Form'	C. 'Lauren'	C. montana 'Fragrant Dancer'
C. intricata 'Harry Smith'	C. 'Lavender Lace'	C. montana 'Lilacina'
C. 'Ishobel'	C. 'Leoni'	C. montana 'Lucinda'
C. 'Iubileinyi-70'	C. 'Liisu'	C. montana 'Silver Dancer'
C. 'Jackmanii Rubra'	C. 'Lilactime'	C. montana 'Snow'
C. 'Jadwiga Teresa'	C. 'Linava'	C. montana 'Sue'
C. 'Janis Ruplens Number 1'	C. 'Lincolnshire Lady'	C. montana 'Tiny Moll'
		C. m. var. rubens Brookfield
C. 'Jashio'	C. 'Lisboa'	Clove'
C. 'Jasper'	C. 'Little Joe'	C. montana var. rubens 'Veitch'
C. 'Jefferies'	C. 'Lucie'	C. m. var. wilsonii 'Hergest'
C. 'Jennifer Valentine'	C. 'Lucey'	C. montana 'Vicki'
C. 'Jim Hollis'	C. 'Luther Burbank'	C. × morelii 'Boulevard'
C. 'Joan Baker'	C. 'M. Johnson'	C. 'Morning Glory'
C. 'Joan Gray'	C. 'Macrantha'	C. 'Mrs Bush'
C. 'Joan Picton'	C. macropetala 'Ballerina'	C. 'Mrs Hope'
C. 'John Gould Veitch'	C. macropetala 'Chili'	C. 'Mrs P.T. James'
C. 'John Gudmundsson'	C. macropetala 'Markham'	C. 'Mrs Sam McCready'
C. 'Jorma'	C. 'Madame van Houtte'	C. 'Mukle'
C. 'Kaleidoscope'	C. 'Mammut'	C. 'Muly'

C. 'Musashino'	C. 'Phoenix'	C. 'Sakurahime'
C. 'Myojo'	C. 'Picton's Variety'	C. 'Salmon Blush'
C. 'Myoko'	C. 'Pink Pearl'	C. 'Sandra Denny'
C. 'Nadezhda'	C. 'Pointy'	C. 'Sano-no-murasaki'
C. 'Negristka'	C. 'Prairie'	C. 'Saruga'
C. 'Nikolai Rubtsov'	C. 'Prairie River'	C. 'Satsukibare'
C. 'Norfolk Queen'	C. 'Pribaltika'	C. 'Schneeglanz'
C. 'Notpy'	C. 'Prince Philip'	C. 'Seeryuu'
<i>C.</i> 'Nuit de Chine'	C. 'Princess'	C. 'Serebrianyi Rucheek'
C. 'Nunn's Gift'	C. 'Prins Hendrik'	C. 'Serenata'
C. 'Oberek'	C. 'Pulmapäev'	C. 'Sheila Thacker'
C. occidentalis 'Big Horns'	C. 'Purple Treasure'	C. 'Sherriffii'
C. occuentaits Big Hollis	<i>C. quadribracteolata</i> 'Nancy's	C. Shemini
C. ochotensis 'Carmen Rose'	Lookout'	C. 'Shirakihane'
C. 'Ola Howells'	C. 'Queen Alexandra'	C. 'Shiva'
C. 'Olga'	C. 'Radar Love'	C. 'Shogun'
C. 'Olimpiada-80'	C. 'Radiant'	C. 'Shooun'
C. 'Oonagare Ichigoo'	C. 'Radost'	C. 'Shorty'
C. orientalis 'Rubromarginata'	C. 'Ragamuffin'	C. 'Shropshire Blue'
C. 'Otto Fröbel'	C. 'Rahvarinne'	C. sibirica 'Altai'
C. 'Paala'	C. recta 'Atropurpurea'	C. 'Siirus'
C. 'Paddington'	C. recta 'Lime Close'	C. 'Silmakivi'
C. 'Pafar'	C. recta 'Peveril'	C. 'Silver Lady'
C. 'Päkapikk'	<i>C</i> . 'Red 5'	C. 'Silver Lining'
C. 'Pamina'	C. 'Red Ballon'	C. 'Simi'
C. 'Paola'	C. 'Reiman'	C. 'Sizaia Ptitsa'
C. 'Pastel Pink'	<i>C</i> . 'Ria'	C. 'Solina'
C. 'Pat Ann'	C. 'Riga'	C. 'Solweig'
C. 'Pat Coleman'	C. 'Ristimägi'	C. 'Souvenir de J.L. Delbard'
C. patens 'Korean Moon'	C. 'Rødklokke'	C. 'Spooneri Rosea'
C. patens 'Nagoya'	C. 'Rodomax'	C. stans 'Rusalka'
C. patens 'Sanda'	<i>C</i> . 'Roko'	C. 'Stars & Stripes'
C. 'Pearl Rose'	C. 'Roogoja'	C. 'Strawberry Roan'
C. 'Penelope'	C. 'Rosa Königskind'	C. 'Sun Stor'
C. 'Percy Picton'	C. 'Rose Supreme'	C. 'Suruga'
C. 'Perryhill Pearl'	C. 'Rosugyana'	C. 'Susan Allsop'
C. 'Peter Pan'	C. 'Rozalia'	C. 'Suzanne'
C. petriei 'Limelight'	C. 'Rubra'	C. 'Sympatia'
C. petriei 'Princess'	C. 'Ruby Anniversary'	<i>C. tangutica</i> subsp. <i>obtusiuscula</i> 'Gravetye Variety'
C. petriei 'Steepdown'	C. 'Ruby Lady'	C. 'Tartu'
<i>C</i> . 'Peveril Pendant'	C. 'Saalomon'	<i>C. tashiroi</i> 'Yellow Peril'

C. 'Teksa'	C. 'Tuchka'	C. 'Waterperry Star'
C. 'Tentel'	C. 'Ulrique'	C. 'Western Virgin'
C. 'Teruko'	C. 'Unity'	C. 'White Tokyo'
C. 'Tevia'	C. 'Vanilla Cream'	C. 'Wilhelmina Tull'
<i>C</i> . 'The Comet'	C. × vedrariensis 'Highdown'	C. 'Winsford Seedling'
<i>C</i> . 'The Dubliner'	C. 'Velutina Purpurea'	C. 'Wistaria Purple'
<i>C</i> . 'The Velvet'	C. 'Venosa'	C. 'Wolga'
C. 'Theydon Belle'	C. 'Vetka'	C. 'Yaichi'
C. 'Thyrislund'	C. 'Vicky'	C. 'Yellow Pinocchio'
<i>C. tibetana</i> subsp. <i>vernayi</i> 'Lorcan O'Brien'	C. 'Violet Charm'	C. 'Yorkshire Pride'
C. 'Titania'	C. 'Violet Purple'	C. 'Yuki-no-yoso'oi'
C. 'Trianon'	C. 'Violetta'	<i>C</i> . 'Zato'
C. 'Triibu'	C. viticella 'Small Purple'	C. 'Zingaro'
C. 'Triinu'	C. 'Vitiwester'	C. 'Zopre'
C. 'Trikatrei'	C. 'Vivienne Lawson'	C. 'Zolotoi Iubilei'
C. tubulosa 'Alba'	C. 'W.S. Callick'	

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