

Hanburyana

Notes from the Royal Horticultural Society Botany Department



Sir Thomas Hanbury (1832-1907), creator of the botanic gardens at La Mortola in Italy, who presented the Wisley estate to the RHS in 1903.

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Editorial

It is not without a certain trepidation that anyone should embark on the publication of a new serial or journal in this age of electronic publication and a plethora of scientific publications for a seemingly ever-narrower audience.

The inception of *Hanburyana* as a serial dedicated to horticultural taxonomy aims to fill a gap that has existed following the cessation of *Baileya* in the early 1990s. It also fills a need for the RHS with the discontinuation of the *Extracts of the Proceedings of the RHS* in 2004. The *Extracts* were the place of publication of the descriptions of plants that have received Awards (which forms the largest contribution to the present volume covering a 15 month period) and the list of standards deposited in the herbarium at Wisley (**WSY**). But another objective of the serial is to provide an outlet for more detailed accounts of nomenclatural decisions taken by the RHS's Advisory Panel on Nomenclature and Taxonomy (APONAT) that appear in the *RHS Plant Finder* and in the Society's horticultural databases. It is also hoped that future issues will contain contributions from the Society's International Cultivar Registrars, where they would find it helpful to publish nomenclatural notes for their groups.

The wider aim of the serial is to provide a forum for debate on the *International Code of Nomenclature of Cultivated Plants*, and a place of publication for proposals to amend the Code. In the present issue there is Chris Whitehouse's paper on Article 19.18. Last, but by no means least, the serial will publish papers on the taxonomy of cultivated plants, mainly the shorter kind of contribution where there is a need to tidy up a problem that does not require a full account or revision.

Although all the contributors in the present issue are members of RHS staff, I would like to encourage anyone from outside of the RHS to send in possible papers for publication in future volumes of *Hanburyana*. It is planned to publish once a year at the outset but more frequently if the number and quality of contributions allow. We will also be making PDF versions of the papers available for download from the RHS website.

That this publication has seen the light of day is the result of the hard work and commitment of the contributors, the support of the RHS's Science & Horticultural Advisory Committee and Dr Simon Thornton Wood (Assistant Director, Science & Learning). I would also like to thank Dr Chris Brickell and Dr Alan Leslie who have reviewed papers for this issue and especially Richard Sanford (RHS) who has designed the front cover and painstakingly proof-read the papers. Charlotte Brooks (RHS, Lindley Library) kindly provided the photograph of Sir Thomas Hanbury.

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Inherent problems with Article 19.18 of the new Cultivated Plant Code

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Two of the primary purposes of the *International Code of Nomenclature for Cultivated Plants* (ICNCP) are to make the names of cultivated plants easier to understand and more stable over time. Article 19.18 is a new article, introduced in the most recent edition of the ICNCP (Brickell *et al.*, 2004). It states that, “the epithet of a cultivar name is not to duplicate the final epithet in Latin form of the correct name under the ICBN of the taxonomic unit at the rank of species or below to which it is assigned: the cultivar name must be given a distinctive epithet as determined by Art. 19.8, where applicable.” The article was intended to clarify the application of names, but it is not clear how it will affect the stability of the names involved.

Article 19.18 was proposed originally because of the confusion surrounding the hybrid *Salvia* × *superba* and its sterile clone *S.* × *superba* ‘Superba’. Indeed, the article most frequently affects such cases, when the original clone of a cross with a hybrid binomial is given a name and the cultivar epithet is a reiteration of the binomial epithet. Preferably, this can be avoided by the choice of a totally unrelated cultivar epithet, such as in *Viburnum* × *bodnantense* ‘Dawn’ (Stearn, 1950). However, when a plant has been known for some time under just the hybrid binomial name, authors have often considered it preferable to use the binomial epithet as part of the cultivar name to maintain familiar usage, such as in Stearn’s *Epimedium* × *versicolor* ‘Versicolor’ (Stearn, 2002). According to the new article this is now invalid and it is necessary to use the next available name, which in this case is *E.* × *versicolor* ‘Discolor’.

A search was conducted in the RHS horticultural database (BG-Base) for records where the botanical epithet matched the cultivar epithet. A list of names recovered and their currently accepted alternatives is given in Table 1. As can be seen, 15 out of the 23 names involve a hybrid binomial.

Table 1: List of all cases in the RHS Horticultural Database of matching botanical and cultivar epithets with their possible alternatives

Name with matching botanical and cultivar epithets	Currently accepted name	Alternative acceptable names
<i>Anemone</i> × <i>lipsiensis</i> ‘Lipsiensis’		<i>Anemone</i> ‘Lipsiensis’
<i>Aucuba japonica</i> f. <i>longifolia</i> ‘Longifolia’		<i>Aucuba japonica</i> ‘Longifolia’
<i>Bauhinia</i> × <i>blakeana</i> ‘Blakeana’	<i>Bauhinia purpurea</i> × <i>variegata</i> ‘Blakeana’	<i>Bauhinia</i> × <i>blakeana</i> ‘Sir Henry Blake’, <i>Bauhinia</i> ‘Blakeana’
<i>Catharanthus roseus</i> ‘Roseus’		<i>Catharanthus</i> ‘Roseus’
<i>Coprosma</i> × <i>kirkii</i> ‘Kirkii’		<i>Coprosma</i> ‘Kirkii’
<i>Corokia</i> × <i>virgata</i> ‘Virgata’		<i>Corokia</i> ‘Virgata’
<i>Crocus pictus</i> ‘Pictus’	<i>Crocus vernus</i> subsp. <i>vernus</i>	<i>Crocus</i> ‘Pictus’
<i>Deutzia</i> × <i>rosea</i> ‘Rosea’		<i>Deutzia</i> ‘Rosea’
<i>Epimedium</i> × <i>versicolor</i> ‘Versicolor’		<i>Epimedium</i> × <i>versicolor</i> ‘Discolor’
<i>Epimedium</i> × <i>youngianum</i> ‘Youngianum’		<i>Epimedium</i> ‘Youngianum’
<i>Erica</i> × <i>stuartii</i> ‘Stuartii’	<i>Erica</i> × <i>stuartii</i> ‘Charles Stuart’	<i>Erica</i> ‘Stuartii’
<i>Erica carnea</i> ‘Carnea’		<i>Erica</i> ‘Carnea’
<i>Hebe</i> × <i>carnea</i> ‘Carnea’	<i>Hebe</i> ‘Carnea’	
<i>Juniperus</i> × <i>pfizeriana</i> ‘Pfitzeriana’	<i>Juniperus</i> × <i>pfizeriana</i> ‘William Pfitzer’	<i>Juniperus</i> ‘Pfitzeriana’
<i>Magnolia</i> × <i>kewensis</i> ‘Kewensis’	<i>Magnolia salicifolia</i> ‘Kewensis’	<i>Magnolia</i> × <i>kewensis</i> ‘Kew Clone’, <i>Magnolia</i> ‘Kewensis’
<i>Magnolia</i> × <i>proctoriana</i> ‘Proctoriana’		<i>Magnolia</i> ‘Proctoriana’, <i>Magnolia salicifolia</i> ‘Proctoriana’
<i>Magnolia sprengeri</i> var. <i>diva</i> ‘Diva’		<i>Magnolia sprengeri</i> ‘Diva’

<i>Mentha</i> × <i>piperita</i> 'Piperita'		<i>Mentha</i> 'Piperita'
<i>Phalaris arundinacea</i> var. <i>picta</i> 'Picta'		<i>Phalaris arundinacea</i> 'Picta'
<i>Philadelphus</i> × <i>lemoinei</i> 'Lemoinei'		<i>Philadelphus</i> 'Lemoinei'
<i>Phyllostachys sulphurea</i> 'Sulphurea'	<i>Phyllostachys</i> <i>sulphurea</i> f. <i>sulphurea</i>	<i>Phyllostachys</i> 'Sulphurea'
<i>Polypodium cambricum</i> 'Cambricum'		<i>Polypodium australe</i> 'Cambricum', <i>Polypodium</i> 'Cambricum'
<i>Rosa</i> × <i>odorata</i> 'Odorata'		<i>Rosa</i> × <i>odorata</i> 'Hume's Blush', <i>Rosa</i> 'Odorata'
<i>Salvia</i> × <i>superba</i> 'Superba'		<i>Salvia</i> 'Superba'
<i>Viburnum</i> × <i>burkwoodii</i> 'Burkwoodii'		<i>Viburnum</i> 'Burkwoodii'

The confusion caused in the application of names with duplicated specific and cultivar epithets is exemplified by *Aucuba japonica* f. *longifolia* 'Longifolia'. In 1993, the RHS gave the Award of Garden Merit (AGM) to the forma *longifolia*, but at that time did not recognise the distinct selection of this form introduced by Veitch in 1862 called 'Longifolia'. The Hillier Manual (Hillier & Coombes, 2002) recognises 'Longifolia' as a distinct female selection and interprets this clone as the only one of f. *longifolia* attributed with an AGM. However, it is not clear which "longifolia", the forma or the original clone, the relevant RHS plant committee were actually considering when they gave the award. As can be seen, in this case the application of article 19.18 would have helped avoid confusion. The different interpretations of the epithet "longifolia" and its associated AGM would not have occurred if the cultivar epithet for Veitch's female selection had been different from that of the forma.

However, a problem with the application of the article was highlighted by a recent paper on the hybrid origins of *Bauhinia* × *blakeana* (Lau *et al.*, 2005). This research not only provided compelling evidence for the hybrid origin of the taxon, but also revealed a lack of genetic variation between different plants of the hybrid. It was therefore suggested that all plants of

this cross had arisen from a single plant and the authors went on to suggest that it was better described as a cultivar. Instead of choosing an original name for the clone, they reused the hybrid binomial epithet and thus gave it the name 'Blakeana'. Their taxonomic disposition caused them to regard it as inappropriate to use a hybrid binomial in the taxon name because it was not self-perpetuating in the wild, and so they styled the cultivar as *B. purpurea* × *variegata* 'Blakeana'. Styling the name like this, on the face of it, is not invalid according to article 19.18.

To most horticulturists, the use of hybrid binomials is preferable. It keeps the names concise, while retaining information about the parentage. Hybrid binomials are utilised by, and created for, the horticultural world far more than the botanical world that only deals with plants of wild origin. But in the example above, *Bauhinia* × *blakeana* 'Blakeana' is invalid, and so a new name has been proposed: *B. × blakeana* 'Sir Henry Blake' (Whitehouse submitted). This solution is not a problem if everyone accepts *B. × blakeana* as a taxonomic unit. But rules of nomenclature do not enforce taxonomic opinion, and the original authors' *B. purpurea* × *variegata* 'Blakeana' is an equally valid name. Two perfectly valid cultivar epithets therefore exist depending upon the way the hybrid nature of the cultivar is expressed in the name. This makes the cultivar epithet very unstable. The situation is compounded when the words of article 19.2 are considered: "the minimum requirement is for a cultivar epithet to accompany the name of the genus". This could lead to the conclusion that the correct format for shortening *B. × blakeana* 'Sir Henry Blake' would be *B.* 'Blakeana', as the cultivar epithet 'Blakeana' is no longer invalid once the hybrid binomial epithet is removed from the name.

This example may seem rather irrelevant to horticulturists, who would probably use the hybrid binomial. However, there are other examples in the list above where taxonomies might not be so generally agreed upon. Such an example can be found with certain *Magnolia* cultivars. Currently, it is thought better to regard *M.* 'Kewensis' as a selection of *M. salicifolia* (Spongberg, 1998), but others might consider, or even prove, that it is a hybrid, in which case the name would change to *M. × kewensis* 'Kew Clone' (Callaway, 1994). Under article 19.2, *M.* 'Kewensis' and *M.* 'Kew Clone' apply to exactly the same entity. In contrast, *M.* 'Proctoriana' has been suggested to be a selection of *M. salicifolia* (Spongberg, 1998), in which case the epithet would be a perfectly valid name. However, current

opinion favours its classification as a hybrid binomial *M. × proctoriana* (Gardiner, 2000). If the original clone is then to be recognised it needs a new cultivar epithet.

In botanical nomenclature, we must accept that different taxonomies will produce different names. For example, when two genera are merged, it is not uncommon for the same specific epithet to occur in both genera. In such cases, the more recently published epithet requires a new name when transferred and the connection with the original epithet is lost. A recent example is to be found in the genus *Albuca*, which some botanists now consider best included within a broad circumscription of *Ornithogalum* (Manning *et al.*, 2004). *Albuca spiralis* cannot be recombined directly, as the name *O. spirale* already exists for a different species. A new name, *O. circinatum*, was therefore created: thus a different epithet has to be used for the same entity depending upon the generic concepts of *Albuca* and *Ornithogalum* employed. But to gardeners, who in general are less concerned about the taxonomy connected with a particular cultivar, having two permissible cultivar epithets for a single clone appears absurd.

At the moment the ICNCP is unclear on how one should interpret this rule. Abandoning the rule or making it just a recommendation would perpetuate the confusion of the epithets, as in *Aucuba japonica* 'Longifolia'. Tightening the wording of the article would appear to be a sensible option, but how to achieve this without enforcing a particular taxonomy on people is not evident. For example, use of the hybrid binomial *Hebe × carnea* is considered unhelpful, as it appears to only apply to a single clone of doubtful parentage (Hutchins & Davies 1997). *H. 'Carnea'* is a much more useful interpretation, but is at risk of being invalidated by the hybrid binomial being taken up (e.g. Metcalf, 2001) which then forces a change of the cultivar epithet. To avoid this a system of rejecting cultivar epithets, similar to that operating in the ICBN, could be instigated. This way an epithet could be permanently abandoned in favour of one that will not conflict no matter which taxonomy is supported. As each case would be examined on its merits, only those names that are likely to have alternative taxonomies would need to be considered as worthy of changing.

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Hybrids in *Haemanthus* and *Scadoxus* (*Amaryllidaceae*)

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Up until the work of Friis & Nordal (1976), species now assigned to these two genera were all included in *Haemanthus* L., although the genus was divided into four sections by Salisbury (1866). The two genera are readily separated morphologically as one has distinctly fleshy leaves arising distichously from a bulb (*Haemanthus*), while the other has thin leaves with a distinct midrib, arising more as a rosette, from a rhizome (*Scadoxus* Raf.). Both are African although *Haemanthus* is predominantly South African, occurring in the drier areas, mostly in the winter rainfall regions. *Haemanthus* was the subject of a comprehensive monograph (Snijman, 1984) and an article by Graham Duncan (Duncan, 2005).

Representatives of these genera are rarely encountered in cultivation and are probably more the preserve of the serious collector than the general gardener and consequently their hybrids are even less frequently seen. Indeed Snijman (1984) observes that few garden hybrids have been recorded, citing that of *H. albiflos* and *H. coccineus* published by Hannibal (1948) and reporting two unpublished crosses (*H. albiflos* × *H. sanguineus* and *H. humilis* subsp. *hirsutus* × *H. sanguineus*). However, the first reported hybrid is *H. × clarkei* W. Wats., an earlier crossing of *H. albiflos* and *H. coccineus* (Watson, 1894), raised in the UK by Col. Trevor Clarke, who presented a plant to the Royal Botanic Gardens, Kew. This cross was repeated by Hildebrand (1905), who gave the parents as *H. tigrinus* and *H. albiflos*. The former is now regarded as a synonym of *H. coccineus* (Friis & Nordal, 1976). Laplace (1928) describes a hybrid between *H. albiflos* var. *pubescens* and *H. coccineus* which, although the former parent is nomenclaturally synonymous with *H. pubescens* L.f., is likely to be identical to *H. albiflos* var. *pubescens* sensu Baker, which is now treated as a synonym of *H. albiflos* (Snijman, 1984). The cross made by Hannibal (1948) was given as being between *H. albiflos* var. *burchellii* and *H. coccineus*. However, Snijman (1984) does not regard the variety as distinct from *H. albiflos*. It is apparent, therefore, that this cross has been made on a number of occasions, using parents that may differ slightly, and

may well have been repeated by others who have not published their findings.

One other recorded hybrid is between *H. virescens* and *H. albiflos* (*Gartenflora* **56**: 493, fig. 61, 1907), raised at the Freiburg Botanic Garden. The hybrid was not named and, since the former parent is now treated as a synonym of *H. albiflos*, the hybrid does not technically exist and would, at most, be considered a cultivar.

On the basis of published information, these are the only known hybrids in *Haemanthus* s.str., although the *RHS Plant Finder* (2004-2005) lists the cultivar *Haemanthus* 'König Albert'. The nursery offering this plant reports it as the cross *H. albiflos* × *H. coccineus* which, as has been established above, is in fact *H. × clarkei*. The identity of the plant offered is not known for sure but it is described as having 'large dense pink heads'. The hybrid given the name 'König Albert', or sometimes 'King Albert', is the product of crossing two species of *Scadoxus*: *S. multiflorus* subsp. *katherinae* (Bak.) Friis & Nordal and *S. puniceus* (L.) Friis & Nordal. In the past these were treated as species of *Haemanthus* and it is under these names that the hybrid is reported by Wittmack (1900). The hybrid was raised by Johannes Nicolai in Coswig-Dresden in Germany and flowered for the first time in 1899 (*Gartenflora* **48**: 424, 1899) when it was reported with a black and white illustration. Wittmack (1900) provided a detailed comparison of the two parents with the hybrid, as well as a full colour plate (t. 1472). The pollen parent in this cross was *S. multiflorus* subsp. *katherinae*.

A similar hybrid was raised by C.G. van Tubergen in Haarlem, who stated the parents to be *H. katherinae* and *H. magnificus*, the latter being the pollen parent. *Haemanthus magnificus* is a synonym of *Scadoxus puniceus* (Friis & Nordal, 1976) and so, although differing in appearance, this is the same cross as *H. × hybridus* Wittm. Van Tubergen named this cross *H. 'Andromeda'* (Anon., 1912). It is also recorded that he backcrossed *H. 'Andromeda'* with *H. katherinae* and the name *H. 'Flora'* was given to the progeny, however this does not appear in any of Tubergen's catalogues. *Haemanthus 'Andromeda'* was given an Award of Merit when shown by Reginald Cory in 1912 (*J. Roy. Hort. Soc.* **38**: clvii, 1912).

Another hybridizer of *Haemanthus* s.lat. was Linden, who ran a nursery near Brussels famous for its orchids. Linden obtained and hybridized

tropical *Haemanthus* (now *Scadoxus*) plants from the Belgian Congo (Zaire). Many species names were provided (de Wildeman, 1903) based on this material, such as *H. diadema* Linden ex de Wild., *H. eetveldeanus* de Wild. & Th. Dur., *H. fascinator* Linden ex de Wild. and *H. lindenii* N.E. Br. Of these, *H. eetveldeanus* was known to have a variety (cultivar) ‘Queen Victoria’ (*Tribune Hort.* 1: 138, pl. 9, 1906). These species are now regarded as synonyms of *Scadoxus cinnabarinus* (Decne) Friis & Nordal, which is known to be a variable species. Linden exhibited these and hybrids derived from them in shows both in Belgium and in the UK. Hybrids include *H. × helleputteanus* F. Lambeau, *Tribune Hort.* 1908: 254, (*H. eetveldeanus* × *H. diadema*) and *H. × lambeauanus* Anon., *Revue Hort. Belge Etrangère* 1909: 96, (*H. × helleputteanus* × “*H. amabilis*”¹). Also recorded is the hybrid *H. × moortelianus* M. Laur., *Bull. Agric. Congo Belge* 4: 762 (1913). It is highly likely that these hybrids were lost during the First World War, as there is no report of them after 1914. Attempts to trace these names through nursery catalogues have failed as no Linden catalogues have been found for this period either in the RHS Lindley Library or in Belgium. Indeed it seems that the last catalogue was issued in 1901, in the *Horticole Coloniale*, entitled ‘Catalogue spécial illustré des Plantes Nouvelles du Congo et d’autres pays pour 1901’. While the new *Haemanthus* introductions are referred to, no hybrids are mentioned (Nicole Schuermans-Ceulemans, *pers. comm.*).

NOMENCLATURE

Haemanthus* × *clarkei W. Wats., *Gard. Chron.* 16: 498, 1894.

Lectotype.: K000366098 ‘Hybrid between *H. albiflos* and a variety of *H. coccineus*, from Col. Trevor Clarke, Welton Place, Daventry, 29.viii.1891’ (K)

Scadoxus* × *hybridus (Wittm.) J.C. David *comb. nov.*

Basionym: *Haemanthus* × *hybridus* Wittm., *Gartenflora* 49: 113, 1900.

Cultivar: *S. × hybridus* ‘König Albert’ Wittm. (1900).

¹ *Haemanthus* “*amabilis*” is mentioned in connection with the variety ‘Queen Victoria’ (*Hort. Belge* 1906: 96, 124) and the hybrid of *H. “amabilis”* × *H. ‘Queen Victoria’* (*Hort. Belge* 1906: 171), “hybride ... très joli, qui reçoivent tout des certificats de mérite, agrémentés d’acclamation et d’unanimité”. However, it seems most likely that this name is given in error for *H. mirabilis*, see *H. eetveldeanus* ‘Queen Victoria’

Syn.: *Haemanthus* 'König Albert' [orth. var. 'King Albert']

Standard: Ic. t. 1472, Wittmack, *Gartenflora* (1900).

Description: Leaves distinctly petiolate (c. 4-5 cm long), blade 17cm long, smooth with an indistinct midrib. Perianth tube 13-15 mm long; perianth segments 25-28 mm long, 1-2 mm wide.

Specimen: *H.* × 'King Albert', comm. W.E. Ledger, 2.ix.1909 (K).

Cultivar: *S.* × *hybridus* 'Andromeda' van Tubergen, Wholesale Catalogue of Flowerroots Grown for Sale 1904: 40.

Ic.: *The Garden* **1912**: 437, 1912.

Description: Leaves distinctly petiolate (c. 11 cm long), blade up to 21.5 cm long and 8.5 cm at the broadest part, midrib distinct. Perianth tube 13-15 mm long, perianth segments 23-25 mm long and 2-3 mm broad.

Specimen: *H.* × 'Andromeda', comm. W.E. Ledger, 2.ix.1909 (K).

Flowers are described as light orange-scarlet, showy, larger-flowered and more free-flowering than 'König Albert'. However, Laplace (1928) describes the flowers as 'd'un beau coloris rose saumoné, disposées en ombelle globuleuse'.

Unknown affinity:

Cultivar: *H.* 'Königin Alexandra' Anon., *Gard. Chron.* **29**: 209, 1901.

Description: A loose umbel with wide and short segments, colour flesh-pink. AM (RHS Floral Committee)

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New combinations in *Actaea*, *Justicia*, *Persicaria* and *Androsace*

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RHS botanists check, on a near daily basis, names of cultivated plants from a variety of sources. During our annual consolidated editing work for the *RHS Plant Finder*, we check on average 4000–5000 names that are submitted as new to the book. However, “new” names also come to us from the accessions within the four RHS gardens and the plants that are exhibited at RHS Shows, to name but two other sources.

While we are checking these names, we sometimes find a taxon for which, following our acceptance of a treatment that places it, for example, in another genus, we are unable to find a valid combination. Therefore, in the first of what may well become a regular article in *Hanburyana*, I am taking this opportunity to publish new combinations for some of these taxa.

***Actaea* L.**

Compton *et al.* (1998) reduced *Cimicifuga* Wernisch. to synonymy with *Actaea* L. The following combinations are therefore required:

***Actaea elata* (Nutt.) Prantl var. *alpestris* (H.W. Lee & C.W. Park) Cubey comb. nov.**

Basionym: *Cimicifuga elata* Nutt. var. *alpestris* H.W. Lee & C.W. Park, *Novon* 14(2): 182 (2004).

***Actaea austrokoreana* (H.W. Lee & C.W. Park) Cubey comb. nov.**

Basionym: *Cimicifuga austrokoreana* H.W. Lee & C.W. Park, *Novon* 14(2): 180 (2004).

***Justicia* L.**

Graham (1988) in the treatment of *Justicia*, which was followed by Brummitt (1992), considered *Duvernoia* E. Mey. ex Nees to be a synonym of the former genus. The following species seems not to have been recombined:

***Justicia aconitiflora* (A. Meeuse) Cubey comb. nov.**

Basionym: *Duvernoia aconitiflora* A. Meeuse, *Flowering Plants of Africa* **31**: t.1216 (1956).

***Persicaria* (L.) Mill.**

The segregation of *Persicaria* from *Polygonum* L. proposed by Ronse De Craene and Akeroyd (1988) has been accepted by Wilson (1990) and Brummitt (1992) and consequently some further transfers are provided below:

***Persicaria coriacea* (Sam.) Cubey comb. nov.**

Basionym: *Polygonum coriaceum* Sam., in Handel-Mazzetti, *Symbolae Sinicae* **7**: 174 (1929).

***Persicaria dshawachischwili* (Kharkev.) Cubey comb. nov.**

Basionym: *Polygonum dshawachischwili* Kharkev., *Novitates Systematicae Plantarum Vascularium* **1966**: 84 (1966).

***Persicaria emodi* (Meisn.) Cubey comb. nov.**

Basionym: *Polygonum emodi* Meisn., in Wallich, *Plantae Asiaticae Rariores* **3**: 51, 54 t. 287 (1832)

***Persicaria macrophylla* (D. Don) Cubey comb. nov.**

Basionym: *Polygonum macrophyllum* D. Don, *Prodromus Florae Nepalensis*: 70 (1825).

***Persicaria regeliana* (Kom.) Cubey comb. nov.**

Basionym: *Polygonum regelianum* Kom., *Flora URSS* **5**:683 (1936).

***Persicaria tenuicaulis* (Bisset & S. Moore) Cubey comb. nov.**

Basionym: *Polygonum tenuicaule* Bisset & S. Moore, *Journal of Botany* **16**:135 (1878).

***Androsace* L.**

In the account by Wendelbo (1961), followed by Brummitt (1992), *Douglasia* Lindl. was considered to be a synonym of *Androsace* L. Smith &

Lowe (1997) noted that new names were required for two species but did not formally propose the combinations. This is rectified here:

***Androsace beringensis* (S. Kelso , Jurtzev & D.F. Murray) Cubey comb. nov.**

Androsace beringensis (S. Kelso, Jurtzev & D.F. Murray) G.F. Smith & D. Lowe [as 'sine auct.'], *The Genus Androsace*: 48 (1997), nom. inval. Art. 33.3, 34.1.

Basionym: *Douglasia beringensis* S. Kelso, Jurtzev & D.F. Murray, *Novon* 4(4): 381 (1994).

***Androsace idahoensis* (D.M. Hend.) Cubey comb. nov.**

Androsace idahoensis (D.M. Hend.) G.F. Smith & D. Lowe [as 'sine auct.'], *The Genus Androsace*: 94 (1997), nom. inval. Art. 33.3, 34.1.

Basionym: *Douglasia idahoensis* D.M. Hend., *Brittonia* 33 (1): 52 (1981).

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New Cultivar Descriptions

SUSAN GRAYER

Botany Department, RHS Garden, Wisley

The following plants were thought to be promising when they were seen by the relevant RHS Plant Committees. Their names and descriptions are published here with the permission of the raiser and selector.

References such as 82B refer to colours in the RHS Colour Chart.

***Delphinium* ‘Ruby Tuesday’**

(*D.* ‘Lucia Sahin’ × un-named seedling). Spikes *c.* 0.6m. Flowers semi-double, *c.* 75mm in diameter, purple (82B), margins bright purple (87B); eyes white with creamy hairs; lower surface with a green apical marking with white surround; spurs 25mm, pale mauve; pedicels *c.* 120mm.

Raised by Mr John Barrington, Somerset, who exhibited it to the Joint Delphinium Committee on May 24, 2004. It was referred for further assessment for the Award of Garden Merit and will therefore be included in the 2006 *Delphinium* Trial at RHS Wisley. It is hoped that it will become available to the public in 2007.

Nomenclatural Standard Specimen [WSY0046421] and photographic slide [WSY0051672] in the RHS Herbarium (WSY).

***Rosmarinus officinalis* L. ‘Bolham Blue’**

Habit pleasing, undulating ground cover to 1.2m. Leaves glossy, yellow-green (146A), lower surface very pale grey-green (190D). Calyx dark purple tinged with green. Flowers blue-purple (94A), blotched with dark purple (93A) and a paler centre.

Found and selected by Mrs Lena Hickson, Bolham, Devon, who exhibited it to the Woody Plant Committee (then known as Floral Committee B) on their Rosemary Study Day, April 11, 2000.

Nomenclatural Standard Specimen [WSY0038562] in the RHS Herbarium (WSY).

Plants given Exhibition Awards 2003-2005

JANET J CUBEY

Botany Department, RHS Garden, Wisley

The following list of 318 awards has been compiled from the plant award descriptions written by Plant Committee Secretaries, or in the case of the Orchid Committee by Johan and Clare Hermans, for the period from Summer 2003 until the end of August 2005.

Plant award descriptions were formerly published in the *RHS Extracts from the Proceedings*. Changing to this publication has given us an ideal opportunity to add extra information, to point to sources of further information, and to include images and herbarium specimens where appropriate. Anyone wishing to visit the Herbarium at Wisley, to view the herbarium specimens or photographic slides should contact the Keeper of the Herbarium, Dr Christopher Whitehouse. Where more than one specimen or image exists for a plant, only one reference barcode has been given here. Paintings are commissioned for many orchids that are given awards and these can be consulted by contacting the Lindley Library.

References such as 65B refer to colours in the RHS Colour Chart (Fourth edition, 2001)¹. For enquiries regarding these awards, please email plantcommittees@rhs.org.uk or telephone 0845 260 9000. These will then be forwarded to the appropriate Plant Committee Secretary or member of staff.

Aechmea romeroi

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 15, 2005. Further information in *The Plantsman* n.s. 4(4): 237.

Aloinopsis spathulata

Certificate of Preliminary Commendation. Exhibited by Dr G Evison, Abingdon, Oxfordshire on August 24, 2004. It was noted that it was unusual to see such a large plant, over 300mm in diameter, in cultivation.

¹ Available from RHS Enterprises mail order (mailorder@rhs.org.uk or telephone 01483 211 320)

Arawia bellii

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on February 15, 2005. Further information in *The Alpine Gardener* 73(4): 457-458.

Amorphophallus konjac

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 6, 2004.

Rhizomatous perennial producing a spathe approximately 500mm tall, glabrous, overlapping towards the base to produce an open tube; maroon (186B) mottled with dark green (135B). Peduncle stout, glabrous (65C mottled with 137A). Spadix much exceeding spathe, up to 600mm in length; of a darker purple shade than the spathe and with a dusty appearance. A relative of the larger *A. titanum*, this species is grown in Asia for its edible tubers. A plant of the rainforests, it produces its foul-smelling (first night only) inflorescence before the single palmate leaf appears. It is pollinated by carrion flies and sweat bees. Specimen [WSY0046150] in the RHS Herbarium (WSY).

Androcymbium rechingeri

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on November 25, 2003. Further information in *The Alpine Gardener* 72(4): 441-2.

Anemone sylvestris

Certificate of Preliminary Commendation. Exhibited by Prof. A J Richards, Hexham, Northumberland on May 15, 2004.

Herbaceous perennial. Basal leaves, to at least *c.* 20 × 40mm, 3-lobed to base, the lateral lobes deeply lobed, lobes toothed, terminal lobe obtusely lobed to just under halfway, with several short, mammiform teeth, mid green, with numerous appressed to slightly spreading, short, white, eglandular hairs; petioles to 90mm long. Stems *c.* 200mm, densely hairy, with a whorl of three long-stalked, leaf-like bracts in lower half (with narrower lobes than basal leaves). Flowers solitary, *c.* 40mm wide; petals 5, broadly elliptic, *c.* 20 × 13mm, shallowly emarginate to erose at apex, densely white hairy externally, buds light greenish-yellow (1C), flushed light purple (75A) at base, opening white with light purple (75A) flushing at base externally; conspicuous central mass of yellow stamens. Further information in *The Alpine Gardener* 72(4): 431-432.

***Angraecum compactum* 'Tideswell'**

Botanical Certificate. Exhibited by Mr J Hermans, Enfield, Middlesex on May 23, 2005. Description and colour picture in *The Orchid Review* 113: 238-239.

***Anguloa cliftonii* 'Saint Helier'**

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on June 25, 2005. Description and colour picture in *The Orchid Review* 113: 297.

Anguloa Victoire grex 'Trinity'

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on June 25, 2005. Description and colour picture in *The Orchid Review* **113**: 297.

Anthurium 'Allura'

Award of Merit. Exhibited by Mrs C Veerasamy, Beau Bassin, Mauritius on May 23, 2005.

Flower stalk >300mm long. Spathe narrowly ovate, 100 × 50mm with a long tapering tip and no basal lobes, smooth and glossy, notable for being held erect, pale pink (65B-D). Spadix *c.* 55mm in length, held at a 45° angle to the spathe, forward-pointing, deep to mid pink (63) fading from deep (63A/B) at the apex to paler (63D) at the base. Foliage not seen. This cultivar was bred on Mauritius. Specimen [WSY0072083] and photographic slide [WSY0072084] in the RHS Herbarium (WSY).

Anthurium 'Camomille'

Award of Merit. Exhibited by Mrs C Veerasamy, Beau Bassin, Mauritius on May 23, 2005.

Flower stalk >450mm long. Spathe cordate 160 × 160mm, giving the appearance of being perfoliate around the spadix, with large overlapping lobes, bullate, glossy, white (155D) predominant from the mucronate apex for two thirds of the length, gradually grading to a fresh, bright, green (144A-C). Spadix *c.* 80mm in length, yellowish-white at the base (158A) fading darkening to orange-yellow (14B) in the middle and changing to yellow-green (150A) at the apex. The proportions, balance and strength of the colours in both the spathe and the spadix alter as the flower ages; green is more dominant in a younger flower. Foliage not seen. This cultivar was bred on Mauritius. Specimen [WSY0072085] in the RHS Herbarium (WSY).

Anthurium 'Tulip Somoné'

Award of Merit. Exhibited by Mrs C Veerasamy, Beau Bassin, Mauritius on May 23, 2005.

Flower stalk >200mm long. Spathe broad ovate, *c.* 70 × 50mm, with small basal lobes, glossy, deep dusky pink-red (50A), paler on the reverse. Spadix *c.* 50mm long, creamy yellow to white (159A/B) for most of the length, with a green (145A/B) tip. Foliage not seen. This cultivar was bred on Mauritius. Specimen [WSY0072121] and photographic slide [WSY0072122] in the RHS Herbarium (WSY).

Arisaema amurense

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs D Rankin, Lasswade, Midlothian on May 7, 2005.

Cormous perennial to 280mm. Pseudostem to 20mm long, cataphylls 2. Leaves 1-2 pedate, petiole to 220mm. Mature leaves with 5 obovate leaflets, largest 110 × 60mm wide. Peduncle to 120mm, spathe 90mm, green- (144B) and white-striped, spathe-limb horizontal with simple acuminate tip. Spadix green 145B, cylindrical, up to 65mm. Further information in *The Alpine Gardener* 73(4): 447-448. Specimen [WSY0072093] in the RHS Herbarium (WSY).

Arisaema auriculatum

Botanical Certificate. Exhibited by Mr & Mrs D Rankin, Lasswade, Midlothian on April 23, 2005. Further information in *The Alpine Gardener* 73(4): 460-461.

Arisaema ciliatum* var. *liubaense

Certificate of Preliminary Commendation. Exhibited by Mrs D Clement, Wolverhampton on June 18, 2005.

Tuberous perennial. Leaves to 300mm, petiole to 170mm, sheathing in the bottom half, lamina with 6-11 long-acuminate, narrowly elliptic leaflets to 130mm. Peduncle to 480mm, fleshy with greyish bloom. Spathe tube 80 × 15mm, purplish-brown (closest to 200B) with longitudinal greenish stripes (194B), the tip formed into a very narrow tail to 240mm long. Spadix clearly exerted, mottled brown. Further information and colour picture in *The Alpine Gardener* 73(4): 453-455. Photographic slide [WSY0073625] in the RHS Herbarium (WSY).

Asarum delavayi

Award of Merit. Exhibited by Mrs C M Coller, Norwich, Norfolk on April 6, 2004.

Rhizomatous perennial. Leaves rather crowded, petioles to 125mm, blade to c. 15 × 10mm, sagittate, apex acute-acuminate, adaxial surface sparsely pubescent on veins, no blotching evident on specimen. Petals absent, calyx campanulate c. 50 × 60mm, sepals connate beyond attachment to ovary, tube subcylindrical, constricted at throat; lobes ovate, to 30-40mm long, banded murky green on margins, maroon in centre and white towards the mouth where the texture becomes papillose. Further information and colour picture in *The Alpine Gardener* 72(4): 396-398. Specimen [WSY0046536] in the RHS Herbarium (WSY).

Asarum fudsinoi

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on February 17, 2004. Described in *The Alpine Gardener* 72(4): 443-5.

***Ascocenda* Crownfox Butterball grex 'Sunshine'**

Award of Merit. Exhibited by RF Orchids, Florida, USA on May 24, 2004. Description and colour picture in *The Orchid Review* 112: 268-271.

***Aster novae-angliae* 'Lye End Beauty'**

Award of Merit. Exhibited by Mr G W Goddard, Chingford, London on October 7, 2003.

Height 1.8m gives a prolonged season of colour. The individual flowers are of good form and are relatively unaffected by rain, unlike other *A. novae-angliae*. Strong stiff woody stems, leaves lanceolate, amplexicaul, very clean, dark green, rugose, short soft upright hairs on upper surface, with short ciliate hairs on margins. Flower heads 40mm diameter in a crowded panicle 300mm wide. Ray florets, 15mm long, 1mm wide, pale plum (78B), slightly paler reverse. Disc 10mm, yellow when immature becoming a dark purple. Yellow anthers. Disc florets yellow with purple tips. Phyllaries many, narrow, reflexed dark purple, glandular hairy. Specimen [WSY0046015] and photographic slide [WSY0036562] in the RHS Herbarium (WSY).

Azorella ameghinoi

Certificate of Preliminary Commendation. Exhibited by Dr M Shearer, Bitterne, Hampshire on May 21, 2005.

Cushion-forming perennial to 10 × 80mm as seen. Stems much-branched forming a low convex mound. Leaves carried in rosettes, linear oblanceolate to 12 × 2.5mm, dark green with prominent silver scales, petiole sheathing at the base with long, papery hairs. Flowers borne in few-flowered umbels subtended by papery bracts. Calyx tubular, lobes 5, minute. Petals 5, ovate to 1mm long, yellowish-green (closest to 144A), anthers slightly exerted. Further information in *The Alpine Gardener* 73(4): 452-453. Photographic slide [WSY0073698] in the RHS Herbarium (WSY).

Banksia praemorsa

Certificate of Preliminary Commendation. Exhibited by Tresco Abbey Garden, Isles of Scilly, on January 18, 2005.

Banksia spinulosa* var. *collina

First Class Certificate. Exhibited by Tresco Abbey Garden, Isles of Scilly, on January 18, 2005.

Evergreen shrub. Leaves linear to narrowly obovate, 80 × 7 mm; margins slightly rolled under and with fine recurved teeth; mid-vein recessed; underside white with adpressed hairs. Almost sessile cones held vertically along the branches, to 180mm tall and 75mm wide. Spikes densely flowered, pale golden yellow (23B/C) with rich maroon (187C) styles. Pairs of flowers are subtended by a stiff wedge-shaped bract and two bracteoles covered with soft brown hairs. The perianth splits into 4 slender reflexed lobes, releasing the stiff glabrous style. Pollen presenter, slightly enlarged, rounded to club-shaped. This variety was first introduced to cultivation in the UK in 1822. This plant in Tresco Abbey Garden was grown from seed from Kings Park in Perth (Western Australia). The seed was sown in the early 1980s and the plant first flowered in 1995. It now forms a shrub up to 3m tall that flowers at all times of year. Further information in *The Plantsman* n.s. 4(4): 237.

***Beclardia macrostachya* 'Tideswell'**

Botanical Certificate. Exhibited by Mr J Hermans, Enfield, Middlesex on December 16, 2003. Description and colour picture in *The Orchid Review* **112**: 74-76.

Benthamiella longifolia

Certificate of Preliminary Commendation. Exhibited by Captain P J Erskine, Petersfield, Hampshire on April 6, 2004.

Cushion-forming perennial, c. 150mm diameter. Leaves c. 15mm long, carried in whorls on shoots to 50mm, linear, pointed, entire, almost hairless. Flowers shorter than foliage but clearly visible, to c. 15mm long, narrowly tubular, flaring at right angles to form a minutely ruffled yellowish-green rim. Further information and colour picture in *The Alpine Gardener* **72**(4): 417-419. Specimen [WSY0046544] in the RHS Herbarium (WSY).

Benthamiella patagonica

Certificate of Preliminary Commendation. Exhibited by Captain P J Erskine, Petersfield, Hampshire on April 17, 2004.

Rounded, fairly tight cushion, 40 × 140mm as exhibited. Leaves more or less linear, c. 7-9 × 1-1.5mm, mid green, with spreading to reflexed, marginal, white, eglandular hairs and an obtuse, thickened, white tip. Flowers solitary. Calyx c. 5mm long, deeply divided, lobes with thickened apices, white below, teeth green towards apex. Corolla erect, c. 11mm long, conspicuously waisted; lobes very broadly ovate, c. 1mm long, light greenish-yellow (3C), with conspicuous vivid yellow (15B) anthers in mouth of tube. Further information in *The Alpine Gardener* **72**(4): 424. Specimen [WSY0046542] and photographic slide [WSY0047036] in the RHS Herbarium (WSY).

× ***Brassocattleya Pastoral grex* 'Rosée'**

Award of Merit. Exhibited by Vacherot & Lecoufle, St Léger, France on November 1, 2003. Description in *The Orchid Review* **112**: 10-11.

× ***Brassolaeliocattleya Chyong Guu Swan grex* 'Orchis-Floriculturing'**

Award of Merit. Exhibited by Orchis Floriculturing, Taiwan on March 13, 2005.

The plant exhibited had three scented flowers on a spike 115mm tall; bract green, 125mm long. Overall flower size was 150mm long, 135mm wide; ovary green 90mm long. The petals were crystalline white with a contrasting bright purple frilled lip with central yellow throat with purple striations. Dorsal sepal 85mm long, 25mm wide at widest, sepal 85mm long, 33mm wide at widest; petal 85mm long, 85mm wide. Lip 85mm long, 72mm wide; column white, 25mm long.

Bruguiera gymnorhiza

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 6, 2004.

It was believed to be the first time this orange mangrove had flowered and set seed under glass. In the wild it occurs in brackish estuaries. The large elongated seeds germinate whilst still hanging on the tree, from where they fall and stick into the mud and grow into a tangled mass, gradually extending the shoreline. It needs to be grown in swamp conditions with a deep root run. The plant at Kew is currently a large shrub/small tree about 6m tall. Specimen [WSY0046139] and colour photograph [WSY0045513] in the RHS Herbarium (WSY).

***Bulbophyllum grandiflorum* ‘Burnham’**

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on November 1, 2003. Description and colour picture in *The Orchid Review* **112**: 10-13.

***Calanthe Saint Brelade grex* ‘Trinity’**

Certificate of Preliminary Commendation. Exhibited by the Eric Young Orchid Foundation, Jersey on November 1, 2003. Description and colour picture in *The Orchid Review* **112**: 10-12.

Campanula autraniana

Award of Merit. Exhibited by Mr A R Furness, Hexham, Northumberland on June 18, 2005. For description see *RHS Extracts from the Proceedings* (2002). Further information and colour picture in *The Alpine Gardener* **73**(4): 416. Specimen [WSY0072090] and photographic slide [WSY0073628] in the RHS Herbarium (WSY).

***Campanula* ‘Cantata’**

Certificate of Preliminary Commendation. Exhibited by Mr G Nicholls, Bath, Avon on June 19, 2004.

Herbaceous perennial, 110 × 200mm as exhibited. Stems 100mm, slender, leafy, hairless. Leaves towards base of stem spatulate, those towards apex narrowly elliptic, to 17 × 6mm, with 2-3 pairs of very shallow teeth, obtuse. Flowers *c.* 4/stem, held on erect pedicels *c.* 20mm long. Calyx *c.* 10mm long, teeth linear, loosely spreading. Corolla narrowly campanulate, 20 × 10mm, light violet (91A), hairy on lobes internally, facing out at anthesis (drooping in bud). Further information and colour picture in *The Alpine Gardener* **72**(4): 437-8. Specimen [WSY0048216] and photographic slide [WSY0048217] in the RHS Herbarium (WSY).

***Campanula myrtifolia* ‘Helmi’**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs M Sheader, Bitterne, Hampshire, on June 18, 2005.

Perennial forming a neat cushion, 40 × 270mm as seen. Stems slender, much-branched, erect, sparsely covered with short, patent, eglandular hairs. Leaves small to 10 × 5mm, ovate-elliptic, sessile or minutely stalked, mid green, strigulose.

Flowers to 5mm diameter, ovary top-shaped, calyx 5-lobed, sepals narrowly triangular separated to the base, strigulose. Corolla white, becoming pale blue on drying, tubular to 12mm long, lobed for the last third, lobes triangular, blunt-tipped, becoming reflexed; stamens 5, anthers 3mm, yellow; style included. Further information and colour picture in *The Alpine Gardener* **73**(4): 456-457.

Campanula thessala

Award of Merit. Exhibited by Mr & Mrs L Martin, Pevensey, East Sussex on June 18, 2005. For description see *RHS Extracts from the Proceedings* **124**: 110 (2000). Further information and colour picture in *The Alpine Gardener* **73**(4): 416-417. Specimen [WSY0072088] and photographic slide [WSY0073627] in the RHS Herbarium (WSY).

***Catasetum incurvum* ‘Chantal’**

Botanical Certificate. Exhibited by Mr M Hopkinson, Radcliffe-on-Trent, Nottinghamshire on October 2, 2004. Description and colour picture in *The Orchid Review* **113**: 57-8.

***Cattleya intermedia* (Ovata Group) ‘Crownfox Jewel’**

Award of Merit. Exhibited by RF Orchids, Homestead, Florida, USA on May 24, 2004. Description and colour picture in *The Orchid Review* **112**: 269-271.

Celmisia traversii

Certificate of Preliminary Commendation. Exhibited by Mr A R Furness, Hexham, Northumberland on September 20, 2003.

Leaves in a basal rosette, up to 160 × 43mm, blade elliptic, entire, obtuse at apex, gradually narrowed to a broadly winged petiole *c.* 1/3 length of blade, which has several shallow longitudinal pleats; upper surface pale green (189B), with appressed white hairs along midvein, the margins with a conspicuous rim of greyed orange (N167B) woolly indumentum; lower surface very densely woolly hairy, the hairs in lower stratum of indumentum pale yellowish, the upper layers greyed orange (N167B-C); lower side of petiole and main vein purple (N77C). Further information and colour picture in *The Alpine Gardener* **72**(4): 405-406. Specimen [WSY0046012] and photographic slide [WSY0048231] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘Action’**

Certificate of Preliminary Commendation on September 17, 2003, Award of Merit on September 14, 2004. Submitted by Cleangro Ltd, Chichester, West Sussex. Charm: reflexed; bronze. Photographic slide [WSY0038735] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Action Yellow'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 14, 2004. Charm: reflexed; yellow. Photographic slide [WSY0062287] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Angela Cosimini'**

Certificate of Preliminary Commendation. Exhibited by Mr P N Fraser, Blyth on September 17, 2004. Early-flowering outdoor intermediate: medium-flowered; light purple (69C).

***Chrysanthemum* 'Ashbrook'**

Certificate of Preliminary Commendation. Exhibited by Mr F Charlton, Sunderland on September 10, 2004. Early-flowering outdoor intermediate: medium-flowered.

***Chrysanthemum* 'Axima White'**

Certificate of Preliminary Commendation. Submitted by FlorElite Plants and Seeds, Thirsk, North Yorkshire on September 17, 2003.

***Chrysanthemum* 'Bob King'**

Certificate of Preliminary Commendation. Exhibited by Mr R Jones, Clapham, Bedfordshire on September 17, 2004. Early-flowering outdoor intermediate: large-flowered; white (155B).

***Chrysanthemum* 'Braque'**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 30, 2003. Charm. Height to 450mm. Free-flowering, erect, compact sprays. Photographic slide [WSY0046593] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Brierton Paul'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on November 15, 2003. Indoor single: medium-flowered; yellow.

***Chrysanthemum* 'Brierton Violet'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool, Cleveland on October 30, 2003. October-flowering single: medium-flowered; cream (155D).

***Chrysanthemum* 'Bronze Boulevard'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003. Photographic slide [WSY0038737] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Boulevard Yellow'**

Certificate of Preliminary Commendation. Submitted by Cleangro Ltd, Chichester, West Sussex on September 14, 2004. Charm: reflexed; yellow.

***Chrysanthemum* 'Burntwood Belle'**

Certificate of Preliminary Commendation. Exhibited by Mr J Nevill, Burntwood, Staffordshire on November 4, 2004. Indoor incurved: large-flowered; white (155A).

***Chrysanthemum* 'Candy Floss'**

Certificate of Preliminary Commendation. Exhibited by Mr R Coles, Raunds, Northamptonshire on November 19, 2004. Indoor single: medium-flowered; light pink (62C).

***Chrysanthemum* 'Caukeel Copper'**

Certificate of Preliminary Commendation. Exhibited by Southway Nurseries on August 23, 2005. Early-flowering Outdoor Spray: reflexed; light bronze (163C).

***Chrysanthemum* 'Chicane'**

Certificate of Preliminary Commendation. Submitted by Cleangro Ltd, Chichester, West Sussex on September 17, 2003. Charm. Photographic slide [WSY0038738] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Conjuror'**

Certificate of Preliminary Commendation. Submitted by Cleangro Ltd, Chichester, West Sussex on September 14, 2004. Photographic slide [WSY0064750] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Coral Reef'**

Certificate of Preliminary Commendation. Exhibited by Mr A Munday, Plymouth on November 4, 2004. Indoor, quill; bronze (167A).

***Chrysanthemum* Debonair ('Yodebo')**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 17, 2003. Charm: reflexed.

***Chrysanthemum* 'Dennis Cappleman'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on September 10, 2004. Early-flowering outdoor reflexed: medium-flowered; yellow.

***Chrysanthemum* 'Elegance'**

Award of Merit. Submitted by H Walker on December 10, 2003. Indoor spray: reflexed; white. Photographic slide [WSY0056381] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Felix Wade'**

Certificate of Preliminary Commendation. Exhibited by Mr W B Wade, Leeds on October 30, 2003. October-flowering intermediate: large-flowered; light pink (76D).

***Chrysanthemum* 'Festive Ursula'**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, on September 14, 2004. Charm.

***Chrysanthemum* 'Foxtrot'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 14, 2004.

***Chrysanthemum* 'Gala Crimson'**

Certificate of Preliminary Commendation. Submitted by Cleangro Ltd, Chichester, West Sussex on September 14, 2004.

***Chrysanthemum* 'Gladys'**

Certificate of Preliminary Commendation. Exhibited by RHS Garden Wisley, on November 6, 2003. Indoor, Charm. Photographic slide [WSY0046448] in the RHS Herbarium (WSY).

***Chrysanthemum* Golden Marilyn ('Golden Yomarilyn')**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 30, 2003.

Charm. Vigorous, bushy plant to 380mm. Free-flowering in compact, erect sprays; thin stalks to 115mm. Double flowers to 57.5mm. Short blunt florets, deeper than yellow (12A), reverse yellow (12C). 50% flowering on 17/09/03. Photographic slide [WSY0046467] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Grand Pink'**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, West Sussex on November 6, 2003. Indoor spray: single; pink. Photographic slide [WSY0046476] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Harry Revell'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on September 10, 2004. October-flowering intermediate: medium-flowered; white.

***Chrysanthemum* 'Holbein'**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 30, 2003.

Charm. Height to 280mm. Free-flowering, in erect compact sprays, thin stalks to 40mm. Semi-double flowers to 35mm. Florets short, medium width, overlapping, blunt, flat, red-purple (70B), paler reverse. Disc yellow (13A). 50% flowering on 20/09/04. Photographic slide [WSY0046592] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Iberia White'**

Certificate of Preliminary Commendation. Submitted by FlorElite Plants and Seeds Ltd on November 6, 2003. Photographic slide [WSY0046444] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Jessica Emily'**

Certificate of Preliminary Commendation. Exhibited by Mr D Horn, Fleet, Hampshire on September 17, 2003. Early-flowering outdoor spray: single; pink. Specimen [WSY0043663] and photographic slide [WSY0043664] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Joyce Fountain'**

Award of Merit. Exhibited by Mr F Charlton, Sunderland on September 17, 2004. Early-flowering outdoor reflexed: large-flowered; red (60B).

***Chrysanthemum* 'Kenney Buglass'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on September 17, 2004. Early-flowering outdoor intermediate: medium-flowered; pink.

***Chrysanthemum* 'Lautrec'**

Award of Merit on September 17, 2003 and First Class Certificate on September 14, 2004. Submitted by Yoder Toddington, Littlehampton, West Sussex.

Plant height 270mm, vigorous, compact and bushy. Free-flowering, inflorescences erect, in compact sprays. Thick stalks, 80-100mm. Single flower, width 60mm. Ray florets, long and medium to narrow, 28mm × 7mm, in whorls, blunt, overlapping, flat. Inner and outer florets red-purple (70B), reverse pale purple (near to 75C), deepening at margin to red-purple (70B). Disc 20mm, Yellow (12A). 50% flowering on 30/08/02. Photographic slide [WSY0046469] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Lilian Shoemith'**

Certificate of Preliminary Commendation. Submitted by H Walker on November 6, 2003. Indoor intermediate: medium-flowered; light bronze. Photographic slide [WSY0046483] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Lowry'**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 30, 2003. Photographic slide [WSY0046591] in the RHS Herbarium (WSY).

***Chrysanthemum* Lynn ('Yolynn')**

Certificate of Preliminary Commendation on September 30, 2003 and Award of Merit on October 8, 2003. Submitted by Yoder Toddington, Littlehampton, West Sussex.

Charm: reflexed. Plant 400mm high, bearing flower stems 250mm long. Flowers 50mm diameter; outer florets pale purple (75B), inner florets red-purple (70A), reverse as inner. Flowering from 20 September 1999. A short growing 'bush type' chrysanthemum: an excellent plant for the front of the border or patio tub. Photographic slide [WSY0046455] in the RHS Herbarium (**WSY**).

***Chrysanthemum* 'Majorette'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003. Photographic slide [WSY0046597] in the RHS Herbarium (**WSY**).

***Chrysanthemum* 'Margaret Dixon'**

Certificate of Preliminary Commendation. Exhibited by Mr D Horn, Fleet, Hampshire on September 17, 2003. Early-flowering outdoor spray: anemone; dark pink. Photographic slide [WSY0046459] in the RHS Herbarium (**WSY**).

***Chrysanthemum* 'Marilyn'**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 14, 2004. Charm.

***Chrysanthemum* 'Mary's Miracle'**

Certificate of Preliminary Commendation. Exhibited by Mr J Nevill, Burntwood, Staffordshire on September 10, 2004. Early-flowering outdoor reflexed: large-flowered; pink.

***Chrysanthemum* 'Masonic Sunset'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on October 30, 2003. Indoor single: large-flowered; light bronze (171D).

***Chrysanthemum* 'Mermaid Yellow'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003.

Compact, vigorous plant to 290mm. Free-flowering, erect, compact sprays. Thin stalks to 70mm. Double flowers to 59mm. Florets 28 × 7mm, long, medium width, overlapping, pointed and flat, yellow (7B), reverse yellow (8C to D). 50% flowering 22/9/03. Photographic slide [WSY0046370] in the RHS Herbarium (**WSY**).

***Chrysanthemum* 'Muriel Odell'**

Certificate of Preliminary Commendation. Exhibited by Mr R Coles, Raunds, Northamptonshire on November 4, 2004. Indoor single: medium-flowered; cream (4D).

***Chrysanthemum* 'Muxton Sable'**

Certificate of Preliminary Commendation. Exhibited by Mr W Farr on November 15, 2003. Indoor, spider; light bronze.

***Chrysanthemum* 'My Patricia'**

Certificate of Preliminary Commendation. Exhibited by Southway Nurseries, Cottingham, East Yorkshire on September 17, 2004. Early-flowering outdoor spray: reflexed; light salmon (27C).

***Chrysanthemum* 'Myss Marion'**

Certificate of Preliminary Commendation. Exhibited by Southway Nurseries, Cottingham, East Yorkshire on September 10, 2004. Early-flowering outdoor spray: reflexed; cream.

***Chrysanthemum* 'Myss Saffron'**

Certificate of Preliminary Commendation. Exhibited by Southway Nurseries, Cottingham, East Yorkshire on September 10, 2004. Early-flowering outdoor spray: reflexed; yellow.

***Chrysanthemum* 'Ostra Yellow'**

Certificate of Preliminary Commendation. Submitted by FlorElite Plants and Seeds Ltd on November 6, 2003. Photographic slide [WSY0046446] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Padre Lilac'**

Certificate of Preliminary Commendation. Submitted by FlorElite Plants and Seeds, Thirsk, North Yorkshire on September 30, 2003.

***Chrysanthemum* 'Padre Orange'**

Certificate of Preliminary Commendation. Submitted by FlorElite Plants and Seeds, Thirsk, North Yorkshire on September 30, 2003.

***Chrysanthemum* 'Pam'**

Certificate of Preliminary Commendation. Exhibited by Mr D Horn, Fleet, Hampshire on September 17, 2003. Early-flowering outdoor intermediate: medium-flowered; white. Photographic slide [WSY0046460] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Peach Cassandra'**

Award of Merit. Submitted by Collinwood nurseries on December 10, 2003. Indoor intermediate: medium-flowered; light bronze. Photographic slide [WSY0056383] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Pitstop'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003. Charm. Photographic slide [WSY0046590] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Polar Gem'**

Certificate of Preliminary Commendation. Submitted by H Walker on November 6, 2003. Indoor incurved: large-flowered; white. Photographic slide [WSY0046482] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Popcorn'**

First Class Certificate. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003.

Charm: single. Vigorous, compact plant, spherical habit to 440mm. Free-flowering, erect, compact sprays. Thin stalks to 60mm. Flower to 40mm, short, narrow florets, overlapping, blunt, flat, yellow (9A), reverse yellow (8A), disc 11mm, yellow (13A). 50% flowering 25/9/03. Photographic slide [WSY0046596] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Princess Anne Pink'**

Certificate of Preliminary Commendation. Submitted by Collinwood nurseries on November 6, 2003. Indoor reflexed: medium-flowered; pink. Photographic slide [WSY0046485] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Purple Inspiration'**

Certificate of Preliminary Commendation. Exhibited by Mr R Coles, Raunds, Northamptonshire on November 19, 2004. Indoor single: medium-flowered; purple (71B).

***Chrysanthemum* 'Raymond Seymour'**

Certificate of Preliminary Commendation. Exhibited by Mr H Lawson, Hartlepool on September 10, 2004. Early-flowering outdoor incurved: medium-flowered; light bronze.

***Chrysanthemum* 'Rembrandt'**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 14, 2004. Photographic slide [WSY0064753] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Renoir'**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 30, 2003. Photographic slide [WSY0046595] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Rio Yellow'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003. Photographic slide [WSY0046589] in the RHS Herbarium (WSY).

***Chrysanthemum* Rose Pink Debonair ('Rosepink Yodebo')**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 14, 2004. Charm: reflexed.

***Chrysanthemum* 'Sheila Harris'**

Certificate of Preliminary Commendation. Exhibited by Mr G Freestone, Nuneaton, Warwickshire on November 4, 2004. Indoor incurved: medium-flowered; bronze (164C).

***Chrysanthemum* 'Southway Summit'**

Certificate of Preliminary Commendation. Exhibited by Southway Nurseries, Cottingham, East Yorkshire on September 10, 2004. Early-flowering outdoor spray: single; light bronze.

***Chrysanthemum* 'Staffordshire Yeoman'**

Certificate of Preliminary Commendation. Exhibited by Mr J Nevill, Burntwood, Staffordshire on October 30, 2003. Indoor medium (exhibition); light yellow (8B).

***Chrysanthemum* 'Starburst'**

Certificate of Preliminary Commendation. Exhibited by Mr W R Fulton, Woodley, Berkshire on November 9, 2004. Indoor single: medium-flowered; light salmon.

***Chrysanthemum* 'Stubbins Glory'**

Certificate of Preliminary Commendation. Exhibited by Miss A Brook, Wetherby, West Yorkshire on November 19, 2004. Indoor single: medium-flowered; light purple (59D).

***Chrysanthemum* 'Sunny Ursula'**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 14, 2004. Charm.

***Chrysanthemum* 'Syllabub'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 17, 2003.

Vigorous, compact cushion 'mum' to 395mm. Free-flowering, erect, compact sprays. Thin stalks. Single flowers to 54mm. Ray florets long and medium width, overlapping, blunt and spooned, red-purple (deeper than 71C), reverse paler (N74D). Disc 15mm, yellow 13B. 50% flowering 17/9/03. Photographic slide [WSY0046470] in the RHS Herbarium (WSY).

***Chrysanthemum* 'Tightrope'**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 17, 2003.

Vigorous, compact, plant to 320mm, neat spherical habit. Free-flowering, erect compact sprays. Thin stalks to 110mm. Single flowers, 35-40mm diameter. Florets 20 × 5mm, short, medium width, overlapping, blunt and flat, ray florets white, reverse white with a slight yellow tint. Disc 14mm, yellow-orange (17C). 50% flowering 19/9/03. Photographic slide [WSY0046471] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘Tinseltown’**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on October 8, 2003.

Plant to 300mm, vigorous, compact, neat habit. Free-flowering, erect in compact sprays. Stalks thin, to 70mm long. Flower heads to 48mm, single. Florets 17 × 4mm, short and narrow, overlapping, pointed, flat. Outer florets near red-purple (60C), disc 14mm, near yellow (13A). Photographic slide [WSY0046453] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘Trident’**

Certificate of Preliminary Commendation. Exhibited by Mr J Nevill, Burntwood, Staffordshire on November 19, 2004. Indoor medium (exhibition); light bronze (16C).

***Chrysanthemum* ‘Ursula’**

Certificate of Preliminary Commendation. Submitted by Yoder Toddington, Littlehampton, West Sussex on September 14, 2004. Charm.

***Chrysanthemum* ‘Vibrant’**

Certificate of Preliminary Commendation. Submitted by H Walker on December 10, 2003. Indoor spray: reflexed; yellow.

***Chrysanthemum Vicki* (‘Yovicki’)**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on October 8, 2003. Photographic slide [WSY0046457] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘White Fresco’**

Award of Merit. Submitted by Yoder Toddington, Littlehampton, West Sussex on November 6, 2003. Indoor spray; white. Photographic slide [WSY0046478] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘Yellow Celebrity’**

Certificate of Preliminary Commendation. Submitted by Cleangro Ltd, Chichester, West Sussex on September 17, 2003. Photographic slide [WSY0038704] in the RHS Herbarium (WSY).

***Chrysanthemum* ‘Yellow Pitstop’**

Award of Merit. Submitted by Cleangro Ltd, Chichester, West Sussex on September 30, 2003. Charm.

Clematis longicauda

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew on April 12, 2005. Further information in *The Plantsman* n.s. 4(4):239. Specimen [WSY0066129] and photographic slide [WSY0066130] in the RHS Herbarium (WSY).

***Conophytum pellucidum* ‘Argent’**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs T Smale on August 24, 2004.

This is a single clone that was selected, by Messrs Smale & Hammer, for its velvety brown leaves, which retain their colour through the winter, and its pure white flowers (*C. pellucidum* generally has flowers with a yellow centre).

***Conophytum pellucidum* ‘Makin’s Plum’**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs T Smale on August 24, 2004. The discovery of a single red-bodied plant in the wild by Mr B Makin has led to this stable seed strain.

Corydalis henrikii

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on January 18, 2005.

Tuberous, perennial herb, stems around 120mm long at anthesis, usually with two branches, glabrous, striate, somewhat angular. Leaves rather greyish-green (closest to 138B), glabrous, petiole to 25mm, 3 or 4 times ternately divided, leaflets deeply cleft into minutely mucronate lobes each up to 4mm × 1.5mm. Flowers borne in racemes of up to 15 flowers. Bracts to 8mm, sessile to minutely stalked, flabellate and divided into usually more or less equal segments. Pedicels thread-like to 25mm. Corolla pale purplish-pink (76A) fading to pale pink (76C) and white as it broadens. Spur to 20mm long, curved, slender, tapering. Upper and lower petals expanded to around 5mm, upper petal bi-lobed, lower petal emarginate. Inner petals to about 10mm long, white, with dark red tip (71A). Further information and colour picture in *The Alpine Gardener* 73(4): 424-426. Specimen [WSY0075396] in the RHS Herbarium (WSY).

***Corydalis* ‘Kingfisher’**

Award of Merit. Exhibited by Dr & Mrs K Lever, Colwyn Bay on April 2, 2005.

Perennial herb, stems ascending to 120mm at anthesis, glabrous, striate, yellowish-green. Basal leaves glabrous, glaucous green, c. 45 × 35mm, bi-ternate, the divisions strongly and unevenly lobed, the lobes minutely apiculate. Flowers borne in few-flowered racemes. Bracts large, leaf-like and deeply lobed, becoming progressively

shorter, narrower and less lobed towards the apex of the raceme. Pedicels slender *c.* 15mm. Corolla *c.* 24mm long, deep blue (100B). Spur stout, straight, abruptly curved at the tip. Upper petals hooded, lower petals slightly longer, becoming reflexed. Inner petals creamy white with a dark tip. Further information in *The Plantsman* n.s. 4(4): 240-1 and in *The Alpine Gardener* 73(4): 408-410. Specimen [WSY0066119] in the RHS Herbarium (WSY).

Corydalis sewerzowii

Award of Merit. Exhibited by Mr I L Betteridge, Ashby-de-la-Zouch on February 26, 2005.

Tuberous perennial herb, stems ascending to 140mm at anthesis, unbranched, glabrous, striate, somewhat angular, yellowish-green. Cauline leaves, alternate, grey-green, bloomed on the under-surface, entire, sessile, ovate to broad elliptic, 18 × 11mm, with a small, pointed, purple tip. Flowers borne in few-flowered racemes. Bracts large, similar to cauline leaves, exceeding the pedicels. Pedicels slender to 8mm. Corolla large to 38mm, bright yellow (14B or 14C) flushed with brown on the spur. Spur stout, incurved and obtuse. Upper and lower petals more or less same length, the upper hooded, the lower becoming strongly reflexed. Inner petals to *c.* 10mm with a dark red tip. Further information and colour picture in *The Alpine Gardener* 73(4): 408-410. Specimen [WSY0062796] and photographic slide [WSY0073709] in the RHS Herbarium (WSY).

Crocus gilanicus

Certificate of Preliminary Commendation. Exhibited by Mr A M Edwards, Dorking, Surrey on October 16, 2004.

Cormous perennial, 60mm at anthesis, hysteranthous. Flowers solitary, perianth tubular below; perianth segments 6, more or less equal, to 30 × 8mm, narrowly elliptic, very shortly and bluntly acuminate, lavender (92B) becoming creamy at the base; throat cream, glabrous; tube 28 × 2mm, creamy-white; filaments to 5mm long, glabrous; anthers 7mm long, yellow; style 20mm, exceeding the anthers. Further information and colour picture in *The Alpine Gardener* 73(4): 423-424. Specimen [WSY0047245] and photographic slide [WSY0047246] in the RHS Herbarium (WSY).

***Crocus minimus* ‘Bavella’**

Award of Merit. Exhibited by Mr A M Edwards, Dorking, Surrey on March 20, 2004. Described in *RHS Extracts from the Proceedings*, 124: 111 (2000). Further information in *The Alpine Gardener* 72(4): 395-396. Specimen [WSY0046511] and photographic slide [WSY0046584] in the RHS Herbarium (WSY).

***Crocus serotinus* subsp. *salzmännii* f. *albus* ‘El Torcal’**

First Class Certificate. Exhibited by Mr R Rolfe, West Bridgford, Nottinghamshire on October 16, 2004.

Cormous perennial, 120mm at anthesis, synanthous. Leaves several, glabrous, 110 × 1.5mm, dark green with greyish-green line along midvein. Flowers solitary, perianth tubular below with 6 equal segments to 40 × 15mm, elliptic-obovate, shortly blunt-acuminate, white, veins faintly pigmented; throat pubescent; tube to 70mm, white; bract hyaline, greenish-white to 35mm; filaments 7mm long, cream; anthers to 19mm long, yellow; style orange-red, thread-like, branched, almost equalling the anthers. Further information and colour picture in *The Alpine Gardener* 73(4): 403-404. Specimen [WSY0048066] and photographic slide [WSY0048067] in the RHS Herbarium (WSY).

× ***Cynodes Jumbo Micky grex 'Chantal'***

Award of Merit. Exhibited by Mr M Hopkinson, Radcliffe-on-Trent, Nottinghamshire on October 2, 2004. Description and colour picture in *The Orchid Review* 113: 57. Specimen [WSY0061187] in the RHS Herbarium (WSY).

× ***Cynodes Wine Delight grex 'Jem'***

First Class Certificate. Exhibited by Mr M Hopkinson, Radcliffe-on-Trent, Nottinghamshire on November 1, 2003. Description and colour picture in *The Orchid Review* 112: 8-10.

Cymbidium Avalanches grex 'Jersey'

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on February 17, 2004. Description in *The Orchid Review* 112: 139.

Cymbidium Avranches grex 'Saint Helier'

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on March 22, 2005. Description and colour picture in *The Orchid Review* 113: 179-80. Specimen [WSY0073439] and photographic slide [WSY0073440] in the RHS Herbarium (WSY).

Cymbidium Avranches grex 'Victoria Village'

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on April 27, 2004. Description and colour picture in *The Orchid Review* 112: 265-6.

Cymbidium Coupe Point grex 'Trinity'

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on January 20, 2004. Description and colour picture in *The Orchid Review* 112: 137-8.

Cymbidium Mourier Point grex 'Victoria Village'

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on March 13, 2005.

The cut spike exhibited had twelve open yellow-green flowers with good substance; petals and sepals had faint red striations merging to red blotch at base. Overall flower size 140mm long, 150mm wide. Dorsal sepal 70mm long, 52mm wide, sepal 70mm long, 48mm wide; petal 75mm long, 47mm wide. Lip edged white speckled

deep red, callus yellow, 60mm long, 48mm wide, 45mm deep; column red-white, spotted red below, 42mm long; ovary green 62mm long.

***Cymbidium* Orchid Answers Yowie grex 'Chichester'**

Award of Merit. Exhibited by Orchid Answers, Chichester, West Sussex on January 20, 2004. Description in *The Orchid Review* **112**: 138.

***Cymbidium* Victor Hugo grex 'Havre Des Pas'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on February 15, 2005. Description and colour picture in *The Orchid Review* **113**: 179.

***Cynorkis* gigas 'Tideswell'**

Award of Merit and Botanical Certificate. Exhibited by Mr J Hermans, Enfield, Middlesex on August 27, 2005. Description and colour picture in *The Orchid Review* **113**: 355.

Cypripedium parviflorum* var. *pubescens

Award of Merit. Exhibited by Dr C Lafong, Glenrothes, Fife on May 15, 2004.

Rhizomatous perennial with stems to 220mm. Leaves more or less alternate, 4/stem, sheathing at the base, pleated, downy-hairy (like the stems); the one leaf-like bract lanceolate, 50 × 15mm, acute. Flowers solitary; dorsal sepal *c.* 30 to 5mm, ventral sepal *c.* 30 × 10mm, both slightly twisted, pubescent at base; petals 2, spreading, linear-lanceolate, up to 50 × 5mm, twisted, pubescent at base; sepals and petals greyish-red (176A); labellum *c.* 33mm long, deeply pouched, with a small, ovate aperture 8mm wide with crenulate, rolled back margins, vivid yellow (12A), with red spots and streaks inside. Further information in *The Alpine Gardener* **72**(4): 400-1. Specimen [WSY0047767] in the RHS Herbarium (WSY).

Cyrtanthus falcatus

Certificate of Preliminary Commendation. Exhibited by Mr A M Edwards, Dorking, Surrey on April 12, 2005.

Bulbous perennial. Leaves *c.* 290 × 33mm at anthesis, falcate, blunt-tipped, grooved but without obvious midrib, glabrous. Stem to *c.* 380mm, erect, abruptly curved at apex like the handle of an umbrella, thick, succulent and glabrous, pale at base becoming purple and brown further up. Flowers held in a pendulous umbel. Bracts papery, triangular, *c.* 30 × 15mm. Pedicels thick, fleshy, greenish-purple. Perianth trumpet-shaped, *c.* 60 × 12mm, fleshy. Exterior of tube orangey with paler and darker markings giving an overall impression of salmon-peach (31B), interior white striped red with a dark purple ring at the point where the lobes are met; lobes triangular *c.* 7 × 9mm, greenish. Ovary large, fleshy, green; stigma small, style slender; filaments inserted at base of lobes, anthers bright yellow. Further information and colour picture in *The Alpine Gardener* **73**(4): 444-446. Specimen

[WSY0073449] and photographic slide [WSY0073450] in the RHS Herbarium (WSY).

Dactylorhiza Madonna grex 'Sweetcorn'

Certificate of Preliminary Commendation. Exhibited by Dr C Lafong, Glenrothes, Fife, on May 7, 2005.

Rhizomatous perennial to 380mm tall. Stems single with up to 8 alternate leaves per stem. Leaves ovate to lanceolate with 3 strong parallel veins. Raceme dense to 100mm with 40-50 flowers. Flowers *c.* 15mm wide, lateral sepals 8 × 3mm and central petal 9mm long, lip 3-lobed, yellow (4D), spotted purple (59A). Further information in *The Alpine Gardener* 73(4): 448-449.

Dahlia 'Brian's Dream'

Award of Merit. Submitted by Mr B King, Blaby, Leicestershire on August 25 2004. Miniature Decorative. Inflorescence 95mm in diameter, florets cream (155D) at base, merging to pink (75C) at tips.

Dahlia 'Kelsea Carla'

Award of Merit. Submitted by Mr D Walker, Borehamwood, Hertfordshire on August 25 2004. Small Semi-cactus. Inflorescence 130mm in diameter, florets pink (70C) with yellow (12A) blends particularly towards the centre.

Dahlia 'Marston Lilac'

Award of Merit. Submitted by Mr F B Taylor, Taylor's Dahlias, Sale, Cheshire on October 2, 2003. Miniature decorative, flower diameter 80mm, flower colour bright purple-pink (closest to 74A).

Dahlia 'Mary's Jomanda'

Award of Merit. Submitted by Mr D Houghton, Askam-in-Furness, Cumbria on October 2, 2003. Miniature Ball. Flower diameter 95mm, petals brilliant pink (67B), lower petals turning paler (63D), streaked with brilliant pink (67B). Photographic slide [WSY0064732] in the RHS Herbarium (WSY).

Dahlia 'Pacific Revival'

Award of Merit. Submitted by Mr J Wheatley, Bristol, Avon on September 22, 2004. Pompon. Inflorescence 40mm in diameter, inner florets pale pink (73D) with an arrow-shaped purple marking (72B); outer florets fading to white.

Dahlia 'Pearson's Benn'

Award of Merit. Submitted by Mr G Carey, Blackwood, Gwent on August 25, 2004. Small Semi-cactus. Inflorescence 140mm in diameter, florets red (45B).

***Dahlia* 'Primrose Diane'**

Award of Merit. Submitted by Mr D Walker, Borehamwood, Hertfordshire on August 25, 2004. Small Decorative. Inflorescence 120mm in diameter, florets yellow (1B).

***Dahlia* 'Rhonda Suzanne'**

Award of Merit. Submitted by Mr D Kent, Surrey Dahlias, Ashvale, Surrey on August 16, 2005. Pompon-flowered. Inflorescence 40mm in diameter, florets deep pink (closest to 72A) at the apex becoming very pale pink, yellow at the base, reverse white.

***Dahlia* 'Tren Grove Millennium'**

Award of Merit. Submitted by Winchester Growers Ltd, Penzance, Cornwall on September 9, 2004. Miniature Decorative. Inflorescence 155mm in diameter, florets yellow (4B).

***Dahlia* 'Wanda's Antares'**

Award of Merit. Submitted by Mr L R Wright, Orsett, Essex on September 9, 2004. Large-flowered Decorative. Inflorescence 240mm in diameter, florets red (42A), darker in the centre (45A) with white blends.

***Dahlia* 'Weston Tea Time'**

Award of Merit. Submitted by Mr R Ainslie, Pitlessie, Fife on August 30, 2005. Miniature Cactus. Inflorescence 110mm in diameter, florets apricot (48A) merging to yellow (5B) at the base.

***Daphne cneorum* var. *pygmaea* 'Alba'**

Certificate of Preliminary Commendation. Exhibited by Mr C Lafong, Glenrothes, Fife on May 7, 2005.

Dwarf shrub to 80mm × 300mm as seen. Prostrate, branching. Leaves alternate lanceolate 18 × 6mm. Flowers fragrant, white (155D) 8-10mm long × 10mm across in terminal cluster of 6-12 flowers. Further information and colour picture in *The Alpine Gardener* 73(4): 449-450. Specimen [WSY0072094] in the RHS Herbarium (WSY).

***Daphne* × *hendersonii* 'Kath Dryden'**

Award of Merit. Exhibited by Mrs K N Dryden, Sawbridgeworth, Hertfordshire on April 12, 2005.

Compact evergreen shrub. Shoots angled, red-brown; some appressed, white, eglandular hairs evident especially round the nodes. Leaves densely clustered, alternate, narrowly oblanceolate, to 16 × 3mm, obtuse at apex, lacking a stalk but tapered to the base, dark green and somewhat glossy on upper surface, paler on underside except at margins and along the midrib. Flowers in terminal clusters of c. 5. Hypanthium narrowly tubular, 9 × 2mm, purplish-red (61A) but densely

covered in appressed white hairs; lobes broadly elliptic to suborbicular, deep pink (68A) marked deep purplish-red (61A) near to the lobe auricles and on the reverse. Further information and colour picture in *The Alpine Gardener* 73(4): 413-414. Specimen [WSY0066135] in the RHS Herbarium (WSY).

***Daphne* × *hendersonii* ‘Solferino’**

Award of Merit. Exhibited by Mr A R White, Blackthorn Nursery, Alresford, Hampshire on April 17, 2004.

Evergreen shrub, 80 × 140mm as exhibited. Shoots angled, reddish-brown; with numerous, appressed or loosely spreading, white, eglandular hairs. Leaves alternate, oblanceolate, 12-18 × 4.0-4.5mm, obtuse and mucronate at apex, not stalked but tapered to the base, margins recurved, hairless, moderate olive green (137A), more clustered towards apex of shoots. Flowers in terminal clusters of *c.* 6. Hypanthium narrowly tubular, 10 × 2mm, densely covered in appressed or loosely spreading, white hairs; sepals narrowly to broadly elliptic, *c.* 4mm long, obtuse, strong purplish-pink (63C) in bud, fading to very pale purple (69C) on opening. Further information and colour picture in *The Alpine Gardener* 72(4): 397-398. Specimen [WSY0046538] and photographic slide [WSY0070119] in the RHS Herbarium (WSY).

Daphne gemmata

Certificate of Preliminary Commendation. Exhibited by Mrs K N Dryden, Sawbridgeworth, Hertfordshire on April 12, 2005.

Spreading evergreen shrub, 450mm high as seen. Leaves green, glabrous, obovate to elliptic-cuneate, minutely mucronate with a short slender petiole, to 30 × 10mm. Stems with covering of short, white, soft, eglandular hairs. Flowers without fragrance, borne in dense terminal clusters. Hypanthium narrowly tubular to 10 × 1.5mm, greenish-yellow, diffusing to the lobes; lobes 4 × 3mm, inrolled at the edges forming a hood, golden-yellow (12A). Further information and colour picture in *The Alpine Gardener* 73(4): 443-444. Specimen [WSY0066136] in the RHS Herbarium (WSY).

***Daphne petraea* ‘Cima Tombea’**

Certificate of Preliminary Commendation. Exhibited by Mr I Robertson, Shaftesbury, Dorset on April 17, 2004.

Evergreen shrub, 50 × 180mm as exhibited. Shoots angled, dark reddish-brown, with sparse, appressed or loosely spreading, white, eglandular hairs. Leaves alternate, narrowly obovate to oblanceolate, 5-9 × 2.0-2.5mm, obtuse and sometimes bluntly apiculate, margins flat, hairless, tapered below to a short purple petiole *c.* 1mm long, dark bluish-green (133A). Flowers in small terminal heads (of *c.* 3 flowers). Hypanthium narrowly tubular, *c.* 10 × 2.0-2.5mm, densely covered in short, white, often wavy, spreading to appressed hairs; sepals broadly ovate, *c.* 3mm

long, strong purplish-red (71D). Further information and colour picture in *The Alpine Gardener* 72(4): 419-20. Specimen [WSY0046528] and photographic slide [WSY0070120] in the RHS Herbarium (WSY).

Daubenya aurea* var. *coccinea

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on February 15, 2005.

Bulbous perennial. Leaves two, strap-shaped, tapering at either end, acute, 100 × 45mm, dark green, glabrous, veins channelled. Flowers borne on a compact corymb subtended by two ranks of obovate bracts, pale yellow (4C) flushed with red at the tips, the outer c. 30 × 20mm, the inner smaller. Peduncle not visible. Pedicels stout to 5mm. Flowers bright red (closest to 43A), those on the outside 2-lipped, lower lip with three lobes the central of which is largest, to 40 × 15mm; upper lip three-lobed, each lobe linear, to 4 × 1.5mm. Inner flowers almost regular with linear perianth segments to 3mm. Stamens prominent; filaments to 5mm, anthers oblong to 3mm, bright yellow (13A). Further information and colour picture in *The Alpine Gardener* 73(4): 428-430. Photographic slide [WSY0075394] in the RHS Herbarium (WSY).

***Dendrobium chrysocrepis* 'Herrenhausen'**

Botanical Certificate. Exhibited by Herrenhausen Garden, Hanover, Germany on June 25, 2005. Description and colour picture in *The Orchid Review* 113: 297-8.

***Dianthus* 'Anders Victoria Turner'**

Certificate of Preliminary Commendation. Raised by Mr A Derrick, Kingston-upon-Hull, Yorkshire and exhibited by Mr B Gamble, Welton, East Yorkshire on July 12, 2005. Garden pink: purplish-pink ground with deep purplish-red flecks.

Dianthus brevicaulis

Certificate of Preliminary Commendation. Exhibited by Mr A R Furness, Hexham, Northumberland on May 15, 2004.

Perennial forming a domed clump, 60 × 190mm as exhibited. Leaves linear-lanceolate, blade c. 11 × 1mm, acute at apex, with a conspicuous midvein and submarginal veins below, margins with numerous, very small, short, spreading teeth; leaf broadens considerably below to clasp the stem. Flowering stems c. 35mm tall, with several pairs of leaves. Epicalyx segments 4, up to 12mm long, abruptly contracted into a long acuminate apex, lower parts with a broad hyaline margin. Calyx c. 15mm long, green, teeth with hyaline margins and pale veins. Flowers c. 15mm wide, deep purplish-pink (72D), margins shortly and irregularly toothed, upper surface sparsely hairy. Further information and colour picture in *The Alpine Gardener* 72(4): 432-3. Specimen [WSY0046531] and photographic slide [WSY0047042] in the RHS Herbarium (WSY).

***Dianthus* 'Camilla West'**

Award of Merit. Exhibited by Mr Woodfield, Stratford-upon-Avon, Warwickshire on July 17, 2004. Perpetual-flowering carnation: pale pink.

***Dianthus* 'Chesswood Phil Dalby'**

Award of Merit. Exhibited by raised by Mr D Cottam, Colne, Lancashire on July 12, 2005. Border carnation: white ground, edged pink.

***Dianthus* 'Clifford Princess'**

Certificate of Preliminary Commendation. Exhibited by Mr Woodfield, Stratford-upon-Avon, Warwickshire on May 24, 2004. Perpetual-flowering carnation: crimson.

***Dianthus* 'Eleanor Parker'**

Certificate of Preliminary Commendation. Exhibited by Mr B Burrow, Lancaster on April 17, 2004.

Perennial forming a tight clump, 20 × 90mm as exhibited. Flowers *c.* 15 × 10mm, rounded, solitary. Epicalyx segments up to 8mm long, elliptic, abruptly narrowed to an acuminate apex, upper margins hyaline and tinged purple. Calyx *c.* 1.1mm long, with conspicuous longitudinal veins, teeth shortly ciliate, green flushed purple above. Petals sugar-pink, slightly darker in bud, margins entire. Further information and colour picture in *The Alpine Gardener* 72(4): 424-425. Specimen [WSY0046539] and photographic slide [WSY0047044] in the RHS Herbarium (WSY).

***Dianthus* 'Olive Tolley'**

Certificate of Preliminary Commendation. Exhibited by Mr Woodfield, Stratford-upon-Avon, Warwickshire on July 17, 2004. Perpetual-flowering carnation: salmon-pink.

***Dianthus* 'Sutton Brierley Grace'**

Award of Merit. Raised by Mr M Newby, Sutton-in-Ashfield and exhibited by Mr A Derrick, Kingston-upon-Hull, Yorkshire on July 12, 2005. Garden pink: pink ground, with a crimson eye. Photographic slide [WSY0051732] in the RHS Herbarium (WSY).

***Dianthus* 'Sutton Olivia Newby'**

Award of Merit. Raised and exhibited by Mr M Newby, Sutton-in-Ashfield on June 21, 2005. Garden pink: white self.

***Dicentra* 'King of Hearts'**

Award of Merit. Exhibited by Mr C Lafong, Glenrothes, Fife on May 7, 2005.

Plant to 250mm, clump forming. Leaves bipinnatifid to 120mm, leaflets opposite then alternate with each leaflet deeply toothed. 6-16 flowers in each raceme. Flowers

15mm across × 25mm long, pink (63B) with calyx and petal tip (59A) in racemes up to 250mm tall. Further information in *The Plantsman* n.s. 4(4): 241 and in *The Alpine Gardener* 73(4): 414. Specimen [WSY0072096] in the RHS Herbarium (WSY).

Dionysia bazoftica

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs P Ranson, Chippenham, Wiltshire on March 13, 2004.

Cushion-forming perennial, 20 × 70mm as exhibited. Leaves in loose basal rosettes, 8-9 × 2.5mm, blade more or less elliptic, obtuse at apex, sinuate dentate, tapering gradually to a long broad petiole, with thick lateral veins and numerous, long, white, flexuous, eglandular hairs, some shorter, gland-tipped hairs and some denser, white, cobwebby hairs on young growth, moderate yellowish-green (138A). Scape 1-flowered. Corolla c. 18 × 10mm, with a long very slender tube abruptly expanded around the anthers just below the spreading lobes, tube tinged violet at base, greenish-yellow at apex, lobes violet (N87D), with some white, cobwebby hairs externally. Further information and colour picture in *The Alpine Gardener* 72(4): 410-411. Specimen [WSY0046517] and photographic slide [WSY0047037] in the RHS Herbarium (WSY).

***Dionysia* 'Bernd Wetzel'**

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs P Ranson, Chippenham, Wiltshire on February 26, 2005.

Cushion-forming perennial, 25 × 50mm as exhibited. Leaves mid-green in dense basal rosettes to c. 8mm across, obovate, c. 4 × 2mm, toothed in the upper half with blunt triangular teeth, both surfaces with bristly, white, stellate hairs. Scape thread-like, 7mm longer than leaves, 1-flowered. Corolla c. 5 × 3mm with a short tube; lobes and tube uniform yellow (7B). Further information and colour picture in *The Alpine Gardener* 73(4): 430-432. Specimen [WSY0062795] and photographic slide [WSY0073708] in the RHS Herbarium (WSY).

***Dionysia* 'Ewesley Gamma'**

Award of Merit. Exhibited by Mr & Mrs P Ranson, Chippenham, Wiltshire on February 26, 2005.

Cushion-forming perennial, 26 × 50mm as exhibited. Leaves mid-green in dense basal rosettes, to c. 10mm across, oblong to oblanceolate, c. 9 × 3mm, slightly tapered to an obtuse apex, entire, the margins fringed with numerous, uniformly short, gland-tipped hairs, veins dark, prominent. Scape c. 5mm, longer than leaves, 1-flowered, with a whorl of erect, narrowly ovate bracteoles to 4mm. Calyx divided almost to the base into narrow segments c. 6mm long, light green, glandular-hairy on the margins. Corolla c. 12mm across, tube long and narrow, dark violet becoming greenish-yellow towards apex with short hairs. Lobes notched, light purple (76B).

Further information and colour picture in *The Alpine Gardener* 73(4): 406-407. Specimen [WSY0062794] and photographic slide [WSY0073711] in the RHS Herbarium (WSY).

***Dionysia* 'Göteborg'**

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs P Ranson, Chippenham, Wiltshire on February 26, 2005.

Cushion-forming perennial, 40 × 200mm as exhibited. Leaves mid-green in lax basal rosettes to 15mm across, oblong, entire, blunt-pointed with scattered, very short hairs. Scape short, hidden by leaves. Corolla purple (78C) with a white eye, c. 10mm across, sparsely hairy; tube long, slender, expanding around the style towards the apex and contracted again beneath the lobes; lobes notched. Further information and colour picture in *The Alpine Gardener* 73(4): 432-433. Specimen [WSY0062793] and photographic slide [WSY0073707] in the RHS Herbarium (WSY).

Dionysia* *iranica

Certificate of Preliminary Commendation. Exhibited by Mr B Burrow, Lancaster on March 13, 2004.

Cushion-forming perennial, 20 × 80mm as exhibited. Leaves in dense basal rosettes, broadly elliptic to slightly obovate, c. 9 × 3mm, obtuse at apex, entire, with scattered, very short, erect hairs and very slender lateral veins. Scapes 1-flowered. Corolla c. 19 × 7mm, with a long tube only slightly expanded around anthers at apex right below the spreading lobes, tube uniformly yellow and with numerous, short reflexed hairs, lobes brilliant greenish-yellow (6A). Further information and colour picture in *The Alpine Gardener* 72(4): 411-413. Specimen [WSY0046514] and photographic slide [WSY0047028] in the RHS Herbarium (WSY).

***Dionysia* 'Manuela'**

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs P Ranson, Chippenham, Wiltshire on March 13, 2004.

Cushion-forming perennial, 20 × 110mm as exhibited. Leaves in dense rosettes, oblong, c. 6 × 2mm, slightly tapered to an obtuse apex, with the apical margins recurved, entire or very shortly sinuate dentate at apex, with numerous, short, often gland-tipped, spreading hairs. Scape c. 5mm, 2-flowered, with a whorl of erect, narrowly ovate bracteoles almost hiding the calyces which are divided almost to base into narrow segments c. 3.5mm long, green, with very dense white cobwebby hairs around the margins. Corolla c. 13 × 4mm, with a long slender tube, greenish-yellow towards apex, expanding around the anthers towards the apex and contracted again beneath the lobes, sparsely hairy, lobes light purple (84B). Further information and colour picture in *The Alpine Gardener* 72(4): 409-410. Specimen

[WSY0046523] and photographic slide [WSY0047038] in the RHS Herbarium (WSY).

× *Doritaenopsis* **Minho Princess** grex 'Stanwell'

Award of Merit. Exhibited by Mr P White, Banbury, Oxfordshire on June 25, 2005. Description and colour picture in *The Orchid Review* **113**: 295.

× *Doritaenopsis* **Ruey Lih Beauty** grex 'Stanwell'

Award of Merit. Exhibited by Mr P White, Banbury, Oxfordshire on June 25, 2005. Description and colour picture in *The Orchid Review* **113**: 296.

Erigeron chrysopsidis var. *brevifolius*

Certificate of Preliminary Commendation. Exhibited by Mr A R Furness, Hexham, Northumberland on May 15, 2004.

Perennial forming a neat clump, 20 × 120mm as exhibited. Stems branched below, with numerous linear to very narrowly spatulate leaves loosely crowded towards base, up to c. 20 × 1.5mm, with numerous, white, erecto-patent, eglandular hairs. Flower stems exceeding leaves by c. 20mm. Involucral bracts narrowly lanceolate, c. 5mm long, appressed, acuminate, dark green, with pale green hyaline margins, densely hairy. Capitulum c. 15mm wide, with ray florets c. 5mm long, brilliant yellow (13B). Further information and colour picture in *The Alpine Gardener* **72**(4): 433-434. Specimen [WSY0046530] and photographic slide [WSY0047043] in the RHS Herbarium (WSY).

Euadenia eminens

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 9, 2004.

Evergreen shrub to 2m in height, in flower from January to May. Leaves trifoliate, petiole <250mm, leaflets <160 × 70mm, side leaflets elliptic-obovate, terminal leaflet obovate; all leaflets with prominent veins. Inflorescence terminal with more than 30 flowers per inflorescence, opening inwards. Flower stalk up to 40mm, having extended and become pendent as the flower opens; flowers face outwards at maturity and are yellow-green (150B/C). Specimen [WSY0047769] and photographic slide [WSY0052027] in the RHS Herbarium (WSY).

Eucomis 'Pink Gin'

Award of Merit. Exhibited by Avon Bulbs, Mid Lambrook, Somerset on September 14, 2004.

Height up to 1m in full sun. Grown in full sun, cut from open ground in Somerset, clay-rich soil. It was suggested the cultivar was a hybrid between purple-flowered/leaved *E. comosa* and *E. pallidiflora* having flowers with long pedicels; these hybrids have immense hybrid vigour and generally stand up well. Distinct and commendable colour. Flowering stem 550mm (including inflorescence), 20mm in

diameter, robust, slightly twisting becoming quite ridged in inflorescence, very pale green becoming strongly flushed purple toward and within inflorescence. Inflorescence 450mm long, 80mm wide at base, 90mm at top, club-shaped, cylindrical. Coma of bracts (c. 25), 60mm in diameter, mid green (144A flushed 146B), lanceolate, 40mm long, 15mm wide. Pedicel 40mm long, 2mm in diameter, stiff, grey-brown (199A) flushed bright pinkish-purple (78B). Perianth 15mm diam., 6 ovate lobes, grey pinkish-purple (156C) flushed green on reverse, lobes tipped with pale yellow, ovary, stigma and filaments prominent, dark purple (187B), anthers yellow. Perianth at anthesis has white centre with purple (78B) lobes, darker tone on reverse. Bracts small 10mm long 3mm wide, lanceolate, purple (187B). Specimen [WSY0048062] and photographic slide [WSY0048063] in the RHS Herbarium (WSY).

Eucomis vandermerwei

Certificate of Preliminary Commendation. Exhibited by Avon Bulbs Ltd, Somerset on September 14, 2004.

Bulbous perennial with several spreading, thick, hairless, narrowly lanceolate leaves, c. 200 × 26mm, margins entire but with narrow strongly wavy edges, slightly greyish-green and variably blotched dull purple (the blotching mostly in the form of coalescing spots which are smaller and redder on the underside of the thick main vein towards the base). Scapes solitary, terete, short, the whole inflorescence c. 125mm tall. Flowers borne in a dense cylindrical raceme, overtopped by a cluster of leafy, narrowly ovate bracts, c. 25 × 7mm, blotched like the leaves. Bracts subtending flowers lanceolate, smaller (14 × 3.5mm), tinged purplish. Flowers shortly pedicellate, corolla narrowly campanulate, c. 12 × 16mm, divided almost to base into 6 strap-shaped, obtuse segments c. 2.5mm broad, each with a minutely papillate apex, dark red (59A). Stamens erect, filaments greenish, expanded towards base where they are united in a shallow ring. Ovary and style banded green and purplish-green. Further information in *The Alpine Gardener* 73(4): 419-420. Specimen [WSY0066161] in the RHS Herbarium (WSY).

***Euphorbia amygdaloides* ‘Craigieburn’**

Certificate of Preliminary Commendation. Exhibited by Mr R Webb, Droitwich, Worcestershire on February 17, 2004. Specimen [WSY0046537] in the RHS Herbarium (WSY).

Euphorbia pugniformis

Botanical Certificate. Exhibited by Dr & Mrs M Shearer, Bitterne, Hampshire on April 17, 2004. Further information and colour picture in *The Alpine Gardener* 72(4): 447-448. Photographic slide [WSY0050826] in the RHS Herbarium (WSY).

Fritillaria alfredae* subsp. *glaucoviridis

Certificate of Preliminary Commendation. Exhibited by Mr A M Edwards, Dorking, Surrey on March 20, 2004.

Bulbous perennial with stems 100-210mm. Leaves alternate, 60-90mm long, glaucous; basal very broadly elliptic, stem leaves lanceolate. Flowers narrowly campanulate, with slightly spreading tips, 25 × 15mm, greyish yellow-green (148C) outside, brilliant yellow-green (149C) inside. Further information and colour picture in *The Alpine Gardener* 72(4): 416-417. Photographic slide [WSY0047047] in the RHS Herbarium (WSY).

Fritillaria camschatcensis* f. *flavescens

Award of Merit. Exhibited by Mr A R Furness, Hexham, Northumberland on May 21, 2005.

Bulbous perennial to 300mm at anthesis. Basal leaves absent, most stems with two whorls of 5 stem leaves, 60-70 × 12-13mm, sessile, ovate-lanceolate, blunt-tipped shiny green, paler on the underside. Flowers usually 3 per stem forming a loose raceme. Pedicels to 6mm subtended by a single sessile, ovate-lanceolate bract to 40 × 10mm. Flowers campanulate, nodding to horizontal, c. 35 × 35mm. Perianth segments six, obovate to oblanceolate, yellow-green (151A) inside and out. Filaments and style sharing the colour of the perianth, pollen pale. Further information and colour picture in *The Alpine Gardener* 73(4): 414-415. Specimen [WSY0072092] and photographic slide [WSY0073700] in the RHS Herbarium (WSY).

***Fritillaria* 'Canmore Park'**

Certificate of Preliminary Commendation. Exhibited by Mr R Maxwell, Kemnay, Aberdeenshire on April 17, 2004.

Hairless, bulbous perennial. Stems to 260mm, with 1-2 flowers. Leaves scattered up the stem, all linear, middle and lower leaves alternate, up to 140 × 17mm, three uppermost leaves in a whorl below the flower, narrower, 90 × 8mm. Perianth pendent, 40 × 25mm, with a pronounced shoulder and more or less straight sides, tips not flared. Perianth segments oblanceolate to obovate, rounded at apex, 12-15mm wide, outside dark red (187A), lightly tessellated, inside green with purple markings; nectaries green, ovate, located in the shoulder of the flower; stigma trifid; pollen cream. Further information in *The Alpine Gardener* 72(4): 426. Specimen [WSY0046082] in the RHS Herbarium (WSY).

Fritillaria japonica* var. *koidzumiana

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on February 17, 2004.

Bulb with a slender, solitary stem to c. 120mm, nodding at apex, reddish below, green above. Basal leaves with a reddish petiole c. 30mm long and broadly elliptic blades up to 70mm long, green with paler mottling. Stem leaves several, lanceolate to narrowly lanceolate, glossy green. Flowers terminal, solitary, pendent, campanulate with squared shoulders, c. 20 × 20mm; perianth segments oblong,

c. 22 × 8-11mm, broadly obtuse at apex, inner shortly fringed; ground colour off-white with the outside slightly mottled/chequered pale green and purplish-pink (with darker spots on the angles of the shoulders), more or less unmarked at tips, inside heavily marked dark reddish-purple at base, the markings reduced in mid segment and absent from apices except around rim; nectary furrow extending down central ⅓ of each segment, yellowish at apex, green below, fringed. Further information in *The Alpine Gardener* 72(4): 390-391. Specimen [WSY0046088] and photographic slide [WSY0047005] in the RHS Herbarium (WSY).

***Fritillaria kotschyana* ‘Craigton Max’**

Certificate of Preliminary Commendation. Exhibited by Mr F Hunt, Dundee, Angus on March 20, 2004.

Bulbous perennial. Stem solitary, to 250mm. Leaves 5-7, alternate, oblanceolate, up to 125 × 40mm, with 3-7 longitudinal veins, glossy green; uppermost leaf lanceolate, 37 × 7mm. Flowers solitary, broadly campanulate, with a distinct 'shoulder' and strongly recurved tips, 60 × 30mm. Perianth segments in two whorls of 3, 50 × 17mm, outer light yellow-green (145B) with a narrow dark red (183A) tessellated edge, inner with a green central stripe and a 5mm wide tessellated edge; nectaries ovate, black (situated in shoulder of the flower); stamens 6, pollen cream; style trifid. Further information and colour picture in *The Alpine Gardener* 72(4): 414-415. Specimen [WSY0046534] in the RHS Herbarium (WSY).

***Fritillaria michailovskyi* ‘Gold Bells’**

Certificate of Preliminary Commendation. Exhibited by Mr F Hunt, Dundee, Angus on March 26, 2005.

Bulbous perennial to 110mm. Stem leaves 5-6, alternate, lanceolate, blunt-tipped, pale glaucous green to 70 × 18mm. Bract single, 50 × 11mm. Flowers 1-2 per stem, 25 × 25mm, broadly pendent with a distinct shoulder. Perianth broadly campanulate, flared, yellow-green (151D); segments 25mm × 9 mm, separate in distal two thirds. Nectaries lanceolate, pale green, 13mm long. Style trifid, pollen yellow. Further information and colour picture in *The Alpine Gardener* 73(4): 436-437. Specimen [WSY0066120] in the RHS Herbarium (WSY).

***Gaillardia* ‘Saint Clements’**

Certificate of Preliminary Commendation. Exhibited by Mrs R Hardy, Whitchurch, Hampshire on September 14, 2004.

Erect habit to 600mm. Good cut flower. Long flowering season, re-blooming continuously. Stem leaves to 80mm long, alternate, lanceolate, sessile, clasping stem, densely pubescent. Flowerhead 70mm diameter, capitula 30mm diam. Disc florets centre pale orange (24A), outer florets tipped dark red (45B). Ray florets up to 20 arranged spirally in 2 rows, 30mm long 28mm wide, broad 3-lobed, orange

(28B) with orange yellow (17A) tips. Phyllaries 10mm long, fine lanceolate, hairy, in 2 to 3 rows, pale green. Specimen [WSY0046507] in the RHS Herbarium (WSY).

***Galanthus* 'Kildare'**

Certificate of Preliminary Commendation. Exhibited by Dr R Mackenzie, Shilton, Oxfordshire on February 15, 2005.

Bulbous perennial. Leaves narrowly oblanceolate *c.* 150 × 12mm at anthesis, rather deep green (closest to 137B), somewhat paler on underside and with bloom on both surfaces. Margins minutely recurved at base, tip small, white, blunt and unhooded. Scape to 130mm. Further information and colour picture in *The Alpine Gardener* 73(4): 426-427. Specimen [WSY0062799] and photographic slide [WSY0062800] in the RHS Herbarium (WSY).

***Galanthus nivalis* (Sandersii Group) 'Janet Aspland'**

Certificate of Preliminary Commendation. Exhibited by Mr V A Aspland, Stourbridge, West Midlands on February 26, 2005.

Bulbous perennial. Leaves linear-lanceolate becoming falcate, *c.* 60 × 4mm at anthesis, upper surface mid-green (closest to 138A), somewhat paler on the underside and with bloom on both surfaces. Margins with a minute silver line, tip prominent, white, blunt and unhooded. Scape *c.* 55mm, yellowish-green, straight. Spathe *c.* 40mm, pale green, yellow at the base, slightly exceeded by the pedicel, with a white, hooded tip. Pedicels straight, bending at apex, pale green at the base becoming yellow. Flowers single, solitary, ovaries top-shaped to suborbicular (7 × 6mm), yellow (13C), rounded at base, rather sharply contracted at apex. Outer segments pure white, narrowly boat-shaped, *c.* 25 × 9mm with a distinct claw (*c.* 2.5mm wide at base), margins decurved, apex hooded; inner segments forming an obconical 'tube', each segment 12 × 9mm, outside marked with deep yellow (3C), V-shaped apical mark diffusing into yellow streaks especially on veins; apical notch wide and fairly deep; inside of inner segments with central veins marked yellow from base to apex, becoming V-shaped around the notch. Further information and colour picture in *The Alpine Gardener* 73(4): 433-435. Photographic slide [WSY0073706] in the RHS Herbarium (WSY).

***Galanthus plicatus* 'Sophie North'**

Award of Merit. Exhibited by Dr E Stevens, Dunblane, Perthshire on February 21, 2004.

Leaves oblong, 100 × 25mm at anthesis, deep green with a glaucous bloom and narrowly plicate margins. Scapes somewhat triangular in section, 120mm tall. Spathe and pedicel 45mm long, erect. Flowers solitary, single. Outer perianth segments 30 × 20mm, white (155D); inner segments 15 × 10mm, with strong yellow-green (143B) markings extending from base to apex on a white ground, strongly notched at apex: the mark a narrow apical V-shape with a broad band

running almost to the base of the segment, waisted just above where it joints the V-marking. Further information in *The Alpine Gardener* 72(4): 391. Specimen [WSY0046513] in the RHS Herbarium (WSY).

***Galanthus rizehensis* Baytop 34474**

Certificate of Preliminary Commendation. Exhibited by Dr R Mackenzie, Shilton, Oxfordshire on February 15, 2005.

Bulbous perennial. Leaves somewhat glaucous green, bloomed, 170 × 20mm, margins subrevolute to revolute. Scapes to 150mm, somewhat slender. Spathe c. 40mm long, rather straight, clearly exceeding the pedicel, colour matching the scape, slightly bloomed towards tips, tips pale, very small. Pedicels straight, recurved at apex. Flowers single, solitary, ovaries top-shaped (8 × 5mm), rather pale, rounded at base, slightly contracted at apex. Outer segments broadly boat-shaped, 22 × 12mm with a distinct claw (c. 2.5mm wide at base), margins rather weakly decurved, apex hooded, pure white, inner segments forming an obconical 'tube', each segment 11 × 6mm, very slightly flared at apex, outside with thick, shallow, deep green, V-shaped apical mark on a white ground; apical notch narrow and fairly shallow; inside of inner segments with green veins from base to apex. Further information and colour picture in *The Alpine Gardener* 73(4):427-428.

***Galanthus* 'Spindlestone Surprise'**

First Class Certificate. Exhibited by Dr R Mackenzie, Shilton, Oxfordshire on February 17, 2004. Described in *The Alpine Gardener* 72(4): 386. Photographic slide [WSY0050822] in the RHS Herbarium (WSY).

Gasteria nitida* var. *armstrongii

Award of Merit. Exhibited by Mr T Morris, Hinckley, Leicestershire on August 24, 2004. It was noted that this individual plant was probably more than 30 years old and that this variety was equally well suited to both windowsill and greenhouse cultivation.

***Gentiana* 'Compact Gem'**

First Class Certificate. Exhibited by Mr I Leslie, Mynydd Llandygai, Gwynedd on October 16, 2004.

Herbaceous perennial. Stems pale, ascending. Leaves opposite, to 25 × 2mm, lanceolate, sessile, acute, subglabrous, connate for 3mm. Flowers terminal, solitary; calyx in 5 sections from base, equal, linear with a prominent dark, midvein; corolla to 45 × 25mm, sessile, obconic to funnelform, 5-lobed; corolla lobes to 6mm wide, triangular, mucronate and dark blue (99B-D) marked with a central streak of yellow-green, spotted blue and with a blue vein along the middle; plicae terminating in sharp point to 2mm; stamens inserted on corolla lobes; filaments to 8mm, winged at base; anthers 2mm, yellow; style 10mm; stigma 3mm, linear. Further information and colour picture in *The Alpine Gardener* 73(4): 402-403. Specimen

[WSY0048068] and photographic slide [WSY0048069] in the RHS Herbarium (WSY).

Gladiolus imbricatus

Certificate of Preliminary Commendation. Exhibited by Prof. A J Richards, Hexham, Northumberland on June 19, 2004.

Hairless, cormous perennial. Stems 400mm tall. Leaves linear-lanceolate, *c.* 8mm broad, with raised longitudinal veins. Flowers *c.* 7, in fairly dense, one-sided spike; each flower subtended by two bracts (broad at base but narrowed to a long linear apex), up to 36mm long, suffused purple. Flowers 30 × 10mm; tube strongly curved at base, segments conspicuously clawed, purple-violet (N80A), with base of petals purple (N79A) and inside of lower petal violet-blue (91C); anthers shorter than filaments. Further information and colour picture in *The Alpine Gardener* 72(4): 436-7. Specimen [WSY0048222] and photographic slide [WSY0048223] in the RHS Herbarium (WSY).

***Grammatophyllum elegans* 'Berggarten'**

Botanical Certificate. Exhibited by Herrenhausen Garden, Hanover, Germany on June 25, 2005. Description and colour picture in *The Orchid Review* 113: 298-9.

Guzmania lingulata

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 12, 2005. Specimen [WSY0066115] and photographic slide [WSY0066116] in the RHS Herbarium (WSY).

Haworthia magnifica* var. *splendens

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs T Smale on August 24, 2004. Although initially discovered in the 1920s, this variety did not get into general cultivation until the 1990s when it was rediscovered in South Africa and named.

***Hedera pastuchovii* 'Ann Ala'**

Award of Merit. Exhibited by Fibrex Nurseries, Stratford-upon-Avon, Warwickshire on November 12, 2004.

This plant represents the first introduction into cultivation of the Caucasian species of ivy, *H. pastuchovii*. It was collected in the Caspian Forest area of Iran in December 1972 by C R Lancaster (A & L 26) from a population of the very variable species and named for Ann Ala whose husband was working as a surgeon in Iran. It differs from the species in the very elongated unlobed leaves. A hardy, climbing, evergreen plant with widely spaced internodes. Leaves leathery, dark green with paler veins above, narrowly ovate, base cuneate to shallow cordate, apex long tapered, 40-100 × 20-45mm, petiole reddish-brown 10-30mm long. Further

information in *The Plantsman* n.s. 4(4): 240. Specimen [WSY0050808] and photographic slide [WSY0050809] in the RHS Herbarium (WSY).

Hermannia coccocarpa

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs M Sheader, Bitterne, Hampshire on April 17, 2004.

Prostrate plant, 60 × 250mm as exhibited, the whole plant with numerous, very short, gland-tipped hairs. Upper leaves alternate, elliptic, c. 20 × 7mm, with several deep, wavy-edged lobes, truncate at base, short-stalked and subtended by 2 broadly ovate, connate, acuminate stipules. Peduncles borne opposite the upper leaves, 1-2 flowered, c. 30mm long, reddish, with a pair of connate bracteoles. Flowers nodding. Calyx broadly campanulate, c. 6 × 8mm, divided to just over ½-way with long acuminate teeth, green, with darker veining. Corolla c. 9-10 × 10-11mm, broadly campanulate, white, edges flushed blue (N109A) with darker blue marks towards base of corolla; buds white, flushed light violet (91A). Further information and colour picture in *The Alpine Gardener* 72(4): 422-423. Specimen [WSY0046540] and photographic slide [WSY0047045] in the RHS Herbarium (WSY).

***Heuchera* 'White Spires'**

Certificate of Preliminary Commendation. Exhibited by Mrs R Hardy, Whitechurch, Hampshire on May 24, 2004.

Foliage green to 200mm height, flower height 600mm, white-green, elegantly spaced on spike, complements foliage well. Good as cut flower. Introduced in 1997. Specimen [WSY0046626] and photographic slide [WSY0046627] in the RHS Herbarium (WSY).

Hyacinthella dalmatica

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 15, 2005.

Hairless, bulbous perennial. Leaves 2-3, c. 55 × 6mm, canaliculate with raised veins on the underside forming ridges, dark green flushed red at the base, curved, abruptly constricted at the apex forming a blunt, hooded point. Stems greenish-yellow 45mm with a terminal spike to c. 15mm. Flowers urceolate c. 3.5mm × 2mm on slender pedicels to 2mm, dark blue (105B) on the lobes, suffusing into pale blue (106B) on the tube. Further information in *The Alpine Gardener* 73(4): 436. Specimen [WSY0062791] in the RHS Herbarium (WSY).

Illicium simonsii

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 4, 2004. Specimen [WSY0046508] in the RHS Herbarium (WSY).

***Iris* 'Apricot Drops'**

Award of Merit. Exhibited by Mrs O Wells, Maidstone, Kent on May 18, 2004.

Miniature tall bearded. Spreading, vigorous plant, erect, glaucous foliage 540 × 20mm. Straight, erect stems to 660mm, each bearing up to 4 medium, well proportioned flowers. Standards 60 × 39mm, cupped, arching, oblong, wrinkled, pale apricot, near to yellow-orange (19B) with yellow wash particularly round the lower margin, delicate pink wash around midrib. Haft almost translucent with pale maroon veining. Drooping, spatulate, creped falls, 63 × 40mm, greyed orange (165C), tinged with pink towards centre. Haft veined with grey orange (164B), interspersed with orange white (159C). Erect style branches, close on haft, yellow-orange (15D), pink-tinged. Large, elongated, pointed crest, yellow-orange (15C), paling to yellow (12D) around midrib. Inconspicuous beard, deep orange-yellow at base, paling to pale yellow at tip. Flowering 8 May to 4 June. Specimen [WSY0051619] and photographic slide [WSY0056333] in the RHS Herbarium (WSY).

Iris* × *autosyndetica

Certificate of Preliminary Commendation. Exhibited by Mrs T A Blanco White, London on April 12, 2005.

***Iris* 'Lancer'**

Award of Merit. Exhibited by Mr B Baughen, Orpington, Kent on May 11, 2004. Arilbred. Further information in *The Plantsman* n.s. 4(4): 238.

***Iris* 'Nico'**

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on January 20, 2004. Described in *The Alpine Gardener* 72(4): 442-3.

***Iris rosenbachiana* 'Tovil-Dara'**

Award of Merit. Exhibited by Mr B Walker, Solihull, West Midlands on February 26, 2005.

Bulbous perennial with stems to 170mm. Leaves four, little expanded to 90mm at anthesis, glabrous (138B), lanceolate, somewhat falcate with slightly thickened margins. Stem short, not visible. Tube *c.* 70mm, purple (79C). Standards descending, small, obovate-cuneate, frilled and undulating at the margins, violet-purple (83C). Style crests upright, broadly obovate, frilled and undulate in the last third, notched, violet-purple (83A) becoming paler in the centre. Falls, obovate-cuneate, sharply reflexed in the last third, violet (85B) edged with purple (79B) with a dark violet-purple tip and with a central, linear, yellow (13B) marking. Further information in *The Alpine Gardener* 73(4): 407-408. Specimen [WSY0073710] in the RHS Herbarium (WSY).

***Iris unguicularis* 'Bob Thompson'**

Award of Merit. Exhibited by Lady Skelmersdale, Broadleigh Gardens, Taunton, Somerset on January 31, 2004.

Perianth tube longer than 120mm (full length not seen). Standards 65-70 × 23-26 mm, spatulate, erect or slightly arching, violet (87A-88A) with darker veining (89A); haft brownish-violet (183A-187A) along the midvein, shading to or mottled reddish on the edges. Falls 63-75 × 24-26mm, spatulate, horizontal to flaring, the blade coloured slightly darker than the standards (87A-89A), with a yellow signal (12A-14A) edged by white, haft white with dark purple (81A) veining and a central line of greenish-yellow (150A), shading into the signal. Style branches deeply two-lobed, the lobes 15-20 × 2-3mm, slightly fringed at the apex, pale violet (88C) and becoming paler towards the base (81C). Photographic slide [WSY0047773] in the RHS Herbarium (WSY).

Kennedia nigricans

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 9, 2004.

Scrambling evergreen climber usually in flower from February to May. Leaves trifoliate with terminal leaflet 4-5 times larger than others; dark green (137C) and slightly glaucous beneath. Flowers in pairs, almost black, (considerably darker than N92A) with yellow green markings (150B-C). Style and filaments white flushed with pale pink, the pink increasing in intensity towards the tip. Photographic slide [WSY0052030] in the RHS Herbarium (WSY).

Kunzea baxteri

First Class Certificate. Exhibited by Tresco Abbey Garden, Isles of Scilly on January 18, 2005.

Evergreen shrub. Grey-green oblong leaves, to 20 × 2.5 mm, with a fine margin of short white hairs, radiating from a pale brown stem with slightly flaking bark. Brilliant scarlet callistemon-like red flowers (45A/B), becoming duller (45C/D) with age, in dense spikes to 55mm in width and length near ends of branches. Anthers pale yellow at the tip of the red filaments. A native of the south coast of Western Australia, this shrub can grow up to 3m in both height and width. The plants in Tresco Abbey Garden are currently small shrubs less than 1.5m high with a bushy, compact habit. They prefer to grow on rocky cliffs where there is not much soil and, although superficially similar, are not as hardy as *Callistemon*. Further information in *The Plantsman* n.s. 4(4): 236.

Lachenalia contaminata

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on May 24, 2004.

Hairless bulbous perennial with numerous, linear basal leaves *c.* 30 × 8mm, tapered from base to apex, channelled in cross-section, dull green above, glossy below. Stems simple, erect or slightly geniculate at base, thick, 250 × 5mm, pale green densely spotted purple and with some parts tinged reddish. Inflorescence a dense, cylindrical spike, *c.* 90 × 25mm. Each flower subtended by a toothed, pale green, white-rimmed bract which is broader than long. Pedicels *c.* 2mm long, erect, white. Perianth campanulate, *c.* 10 × 14mm, with lobes spreading above, outer lobes *c.* 7 × 3.5mm, inner lobes *c.* 9 × 4mm, both essentially white but outer tinged green and red-purple towards apex (especially outside), inner similarly coloured but marking narrower. Filaments white. Style long, undivided, white. Flowers with a marzipan-like scent. Further information and colour picture in *The Alpine Gardener* 72(4): 401-403. Specimen [WSY0047757] and photographic slide [WSY0048213] in the RHS Herbarium (WSY).

***Lepanthes caprimulgus* 'Clare'**

Botanical Certificate. Exhibited by Mr J Hermans, Enfield, Middlesex on April 27, 2004. Description and colour picture in *The Orchid Review* 112: 265-266.

Lepanthes telipogoniflora

Botanical Certificate. Exhibited by Mr E Eyre, Retford, Nottinghamshire on September 14, 2004. Description and colour picture in *The Orchid Review* 113: 56.

Leucocoryne narcissoides

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 6, 2004. Further information in *The Alpine Gardener* 72(4): 446-447. Specimen [WSY0046510] in the RHS Herbarium (WSY).

***Lewisia leeana* 'Alba'**

Certificate of Preliminary Commendation. Exhibited by Mr C Lafong, Glenrothes, Fife on May 15, 2004.

Perennial, 350mm wide as exhibited, with rosettes of 30-40, succulent, linear leaves, each 70 × 5mm, occasionally with 1 or more short linear lobes at base. Stems up to 200mm, with irregular whorls of short leaves (20 × 3mm); inflorescence much-branched, each branch with up to 4 flowers. Sepals 2, more or less D-shaped, with a deep fringe of teeth each tipped with a red gland. Flowers 13mm wide, with 7-8, white (155D) petals; anthers pink/purple. Further information and colour picture in *The Alpine Gardener* 72(4): 427-428. Specimen [WSY0047766] in the RHS Herbarium (WSY).

***Lycaste fimbriata* 'Inge'**

Award of Merit. Exhibited by Elsner Orchideen, Wetztingen, Germany on March 13, 2005.

This species comes from Central America. The plant exhibited had nineteen pale green flowers on 150mm tall stems; bract green 50mm long. Overall flower size 80mm long, 60mm wide. Dorsal sepal 60mm long, 25mm wide, sepal 60mm long, 25mm wide; petal 50mm long, 17mm wide. Lip yellow with central paler callosity, 20mm long, 20mm wide; column white 20mm long; ovary 40mm long.

Maesherbia sibayensis

Certificate of Preliminary Commendation. Exhibited by RHS Garden Wisley, Woking, Surrey on October 16, 2004.

Spreading perennial. Stems sprawling to 300mm long bearing many side shoots 30-50mm in length. Leaves more or less sessile, obovate to spatulate, undulate-sinuate in the top half, grey-green (191C), tomentose; unexpanded growth silver, velutinous. Flowers solitary on lateral hollow forming a tube 18 × 5mm, widening at the mouth, pinkish; perianth segments 4 outer, 4 inner, similar in appearance, borne on rim of receptacle, 8 × 3mm, notched, red (39B), becoming cream at the base; anthers 3mm long, yellow; styles 3, slender, exserted; stigma small, brown. Further information in *The Alpine Gardener* 73(4): 420-421. Specimen [WSY0048072] and photographic slide [WSY0048073] in the RHS Herbarium (WSY).

Malus 'Harry Baker'

Certificate of Preliminary Commendation. Exhibited by Mr T E Read, Loddon, Norfolk on September 16, 2003. Specimen [WSY0043715] in the RHS Herbarium (WSY).

Masdevallia manoloi 'Eva May'

Botanical Certificate. Exhibited by Mr E Eyre, Retford, Nottinghamshire on January 18, 2005. Description and colour picture in *The Orchid Review* 113: 118-119.

Masdevallia Purple Condor grex 'Eva May'

Award of Merit. Exhibited by Mr E Eyre, Retford, Nottinghamshire on March 13, 2005.

The plant exhibited had five flower spikes with three open flowers. Deep coloration and a good shape made this a very desirable improvement in *Masdevallia* breeding. The erect stems were 100mm tall, bract green 15mm long. Overall flower size 155mm long, 85mm wide tail to tail. The flowers were deep burgundy red, tails tapering to yellow. Dorsal sepal 80mm long, 14mm at its widest, sepal 80mm long, 15mm at widest; petal white 2mm long, 1mm wide. Lip red, hinged, 2mm wide, 2mm long; ovary green, 12mm long.

Miltonia Les Landes grex 'Trinity'

Award of Merit. Raised and exhibited the Eric Young Orchid Foundation, Jersey on March 22, 2005. Description and colour picture in *The Orchid Review* 113: 180.

Monodora myristica

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 12, 2005. Specimen [WSY0066132] in the RHS Herbarium (WSY).

***Muscari armeniacum* 'Gul'**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs R Wallace, Carmarthen, Dyfed on March 20, 2004.

Bulbous perennial. Leaves 140-190mm long. Stems purple at base, green towards apex, 140mm tall with a terminal spike 30mm long. Flowers urceolate, lowest deep purplish-pink (67C) at apex, the colour suffusing into tube, apical flowers white. Specimen [WSY0046527] and photographic slide [WSY0046578] in the RHS Herbarium (WSY).

Myosotis albosericca

Certificate of Preliminary Commendation. Exhibited by Mr F Hunt, Dundee, Angus on May 15, 2004.

Tufted perennial, making a loose, silvery cushion of basal leaf rosettes (to 60mm high). Leaves narrowly spatulate, 35 × 5mm, covered in dense, silver, appressed hairs. Stems to 140mm, with up to 6 spatulate to broadly linear stem leaves. Flowers in a scorpioid cyme of up to 20 paired flowers. Calyx 5mm long, with 5 sharply pointed teeth. Corolla tube 8mm long, limb light greenish-yellow (3C). Further information and colour picture in *The Alpine Gardener* 72(4): 429-430. Specimen [WSY0047765] in the RHS Herbarium (WSY).

***Narcissus* 'Betty Mae'**

Certificate of Preliminary Commendation. Exhibited by Mrs J Wyllie, Dunblane, Perthshire on February 21, 2004.

Cyclamineus; yellow. Leaves 175 × 9mm, erect to somewhat spreading, green. Scapes 165mm tall, compressed. Pedicels 11mm long. Spathe 25mm long. Flowers solitary, star-shaped, held slightly drooping, 41mm wide; perianth tube 8mm long, green. Perianth segments 19 × 8mm, twisted and slightly reflexed, brilliant yellow (7A); corona 19mm long, 11mm wide at base, 17mm wide at the flared, frilled mouth, brilliant yellow (7A); style exceeding stamens, held at the mouth of the corona. Further information and colour picture in *The Alpine Gardener* 73(4): 417-419. Specimen [WSY0045321] and photographic slide [WSY0060832] (Colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus* 'Brooke Ager'**

Award of Merit. Exhibited by Mr B Duncan, Omagh, County Tyrone, Northern Ireland on April 6, 2004.

Large-cupped; white perianth segments and pink corona. Flower rounded, 73mm wide; perianth segments very broadly ovate in outline, blunt or rounded at apex, mucronate, white, with a slight suffusion of pink, spreading, slightly concave, or with margins incurling, with broad midrib showing, overlapping half; the inner segments less prominently mucronate; corona cup-shaped, ribbed, deep rose pink (32A), mouth straight, lobed, even, with rim crenate. Dwarf. Mid-season.

***Narcissus* 'Carneary'**

Certificate of Preliminary Commendation. Submitted by the Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Small-cupped; white perianth segments and yellow corona. Flower 102mm wide; perianth segments very broadly ovate, rounded at apex or somewhat truncate, only very slightly mucronate, yellowish-white 155B, somewhat reflexed, smooth, concave at apex, overlapping half or more; the inner segments narrower, more nearly spreading, sometimes creased at midrib; corona disc-shaped, vivid yellow 9A, with faint orange at rim at first, rim obscurely crenate. Tall. Late. Photographic slide [WSY0047341] (colour drawing with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus* 'Dorchester'**

First Class Certificate. Exhibited by Mr B Duncan, Omagh, County Tyrone, Northern Ireland on April 12, 2005.

Double; white perianth segments and pink corona. Flower rounded; perianth and other petaloid segments in several whorls, white; the two outer whorls of about equal length, regularly superimposed, very broadly ovate, spreading or slightly inflexed, overlapping half or more; those at centre irregularly arranged, broad, strongly inflexed, with margins tightly incurled; corona segments short, clean pink, tightly frilled, clustered among the centre petaloid segments and more loosely arranged between the outer whorls. Early to mid-season. $2n=28$. Further information in *The Plantsman* n.s. 4(4): 239.

***Narcissus* 'Freedom Stars'**

Award of Merit. Submitted by the Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Split-corona: collar; white perianth segments and white corona with a yellow base. Flowers 3-5 per stem, 60-70mm wide, facing slightly downwards; perianth segments broadly ovate, pure white, a little reflexed, smooth, deeply overlapping; the inner segments more nearly spreading; corona deeply split, the 6 segments closely overlying the corona, ribbed, white, shading to light greenish-yellow (3C) at base, lobed and frilled. Photographic slide [WSY0047353] (colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus* 'Garden News'**

Award of Merit. Submitted by the Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Small-cupped; yellow perianth segments and orange-red corona. Flower forming a double triangle, 115mm wide; perianth segments very broadly ovate, obscurely truncate, with slight white mucro, vivid yellow (9A), spreading, somewhat concave, with margins incurling at apex, smooth, regular, overlapping half; the inner segments a little more narrowly ovate; corona short broad funnel-shaped, ribbed, orange-red (30C), mouth straight, split in places and overlapping, frilled, with rim minutely crenate. Photographic slide [WSY0060693] (colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus* 'Greenpark'**

Certificate of Preliminary Commendation. Exhibited by Mr B Duncan, Omagh, County Tyrone, Northern Ireland on May 23, 2005.

Poeticus; white perianth segments and green corona with an orange rim. Flowers 75mm wide; perianth segments very broadly ovate or somewhat roundish, slightly truncate, mucronate, white, with a narrow suffusion of yellow-green at base, spreading or somewhat reflexed, concave, with margins incurling, overlapping half; the inner segments more usually spreading; corona shallow bowl-shaped, narrow, lightly ribbed, dark emerald-green, sometimes with yellow-green above, with yellow-orange at rim, frilled. Very late. Scented.

Narcissus jacetanus

Award of Merit. Exhibited by Mr & Mrs H Taylor, Dundee, Angus on February 21, 2004.

Leaves 120 × 9mm, erect, with a slight twist, glaucous, the inner surface with finely marked channels. Scapes 105mm tall, suberect, striate. Pedicels 9mm long. Spathe 14mm long. Flowers solitary, 39mm wide, held slightly erect; perianth tube 14mm long, green shading to yellow at outer edge; perianth lobes 19 × 10mm, slightly reflexed, brilliant greenish-yellow (6A); corona 18 × 20mm, toothed and lobed, brilliant greenish-yellow (6A); style exceeding stamens and held well within the corona. Further information and colour picture in *The Alpine Gardener* 72(4): 391-392. Specimen [WSY0046524] in the RHS Herbarium (WSY).

Narcissus* × *koshinomurae

Certificate of Preliminary Commendation. Exhibited by Mr F Hunt, Dundee, Angus on March 20, 2004.

Bulbous perennial. Leaves 2-5/bulb, spreading, up to 350 × 3mm, channelled in cross-section, glossy green. Scape to 300mm, laterally compressed, with 1-3 flowers. Pedicels to 35mm long, green. Spathe 35mm long, papery. Ovary 5 × 3mm, green. Perianth 30mm wide; tube 15mm long, green; segments ovate, 17 × 10mm,

spreading, plane, with a mucronate tip, white (155A); corona cup-shaped, 7 × 9mm, wavy, pale greenish-yellow (10D); stamens 6, in two whorls, with golden pollen; style blunt-tipped. Further information in *The Alpine Gardener* 72(4): 414. Specimen [WSY0046535] in the RHS Herbarium (WSY).

***Narcissus* ‘Mitzy’**

Certificate of Preliminary Commendation. Exhibited by Mr A J Leven, Dunblane on February 19, 2005.

Cyclamineus; white. Leaves 2-4 per bulb, 130 × 4mm, keeled, spreading. Scape a flattened ovoid with 2 opposite ribs, 160mm tall. Pedicel 11mm long, spathe 27 × 8mm scarious, ovate with mucronate tip. Ovary top-shaped, 5mm long. Flowers solitary, star-shaped, held slightly erect. Perianth lobes pale yellow (4D), 25 × 7mm, reflexed and mucronate. Corona yellow (5C), 26 × 8mm, cylindrical and ribbed, the mouth flared to 12mm and frilled, the rim flanged and dentate. Perianth tube 5mm long. Style simple, held within the corona, anthers 6, adpressed to style, pollen yellow. Further information in *The Alpine Gardener* 73(4): 430. Specimen [WSY0062792] in the RHS Herbarium (WSY).

***Narcissus* ‘Pentire’**

Award of Merit. Exhibited by Mr R A Scamp, Quality Daffodils, Falmouth, Cornwall on April 6, 2004.

Split-corona: collar; yellow perianth segments and red corona. Flower 81mm wide; perianth segments very broadly ovate or somewhat oblong, squarish at apex, vivid yellow (12A), with whitish mucro, spreading or more or less reflexed, overlapping half; the inner segments narrower, square-shouldered at base; corona split to base, the 6 segments half the length and a third the width of the perianth segments, and closely overlying them, orange-red (25A), ribbed, deeply and irregularly lobed or sometimes more obviously bi-lobed. Mid-season.

***Narcissus* ‘Port Noo’**

Award of Merit. Submitted by the Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Small-cupped; white-yellow. Flower 85mm wide, rounded; perianth segments very broad, truncate, only slightly mucronate, reflexed, concave, smooth, overlapping half or more; the inner segments roundish, more nearly spreading; corona shallow bowl-shaped, ribbed, brilliant greenish-yellow (4A), touched with white, mouth with six deeply overlapping lobes, frilled. Photographic slide [WSY0047384] (colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus* ‘Ridgecrest’**

Certificate of Preliminary Commendation. Submitted by the Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Small-cupped; white perianth segments and yellow corona, orange at rim. Flower rounded, 98mm wide; perianth segments very broadly ovate, blunt, spreading, with midrib showing, concave, overlapping half; the inner segments a little inflexed; corona shallow bowl-shaped, ribbed, brilliant yellow 7A, with a mottled band of orange and deeper yellow at rim, frilled. Mid-season. Photographic slide [WSY0047388] (colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

***Narcissus viridiflorus* hybrids**

Botanical Certificate to a collection of unnamed hybrids for their novelty, exhibited by C M van Hage and W F Leenen & Sons, The Van Hage Garden Company, Ware, Hertfordshire on April 26, 2005.

***Narcissus* 'Young Blood'**

Award of Merit. Submitted by Northern Ireland Daffodil Group, Hillsborough, County Down on April 24, 2004.

Large-cupped; white perianth segments and red corona. Flower 115mm wide; perianth segments broadly ovate, blunt or somewhat truncate, white, with a touch of bright yellow at base, spreading, a little concave, overlapping half; the inner segments more narrowly ovate, square-shouldered at base, slightly inflexed; corona bowl-shaped, ribbed, orange-red (28B), with mouth 6-lobed and wavy, rim crenate. Photographic slide [WSY0047409] (colour print with the International Daffodil Registrar) in the RHS Herbarium (WSY).

Nepeta phylloclamys

Botanical Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on May 24, 2004. Further information and colour picture in *The Alpine Gardener* 72(4): 448-450. Photographic slide [WSY0050834] in the RHS Herbarium (WSY).

Nototriche macleanii

Certificate of Preliminary Commendation. Exhibited by Dr M Sheader, Bitterne, Hampshire on May 21, 2005.

Cushion-forming perennial to 40 × 160mm as seen. Rootstock much branched. Leaves spatulate, silvery hairy, to 37 × 14mm; lamina to 10 × 20mm deeply divided into 5, divisions with 2 lobes, lobes with occasional teeth, petiole winged from half to two thirds of length, wings culminating in linear strongly horizontal stipules to 7mm. Flowers to c. 35mm diameter, open, erect, borne singly above foliage. Calyx divided almost to the base, lobes somewhat irregular, fringed by soft white hairs. Petals 5, broad strap-shaped, c. 30 × 10mm, notched at the apex, pink violet (85B) fading to white at the base. Filament tube to 25mm, pollen bright yellow. Further information and colour picture in *The Alpine Gardener* 73(4): 450-452. Specimen [WSY0072091] and photographic slide [WSY0073699] in the RHS Herbarium (WSY).

***Odontioda* Tesson Mill grex 'Saint Helier'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on November 25, 2003. Description and colour picture in *The Orchid Review* **122**: 73.

Omphalodes lojkae

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on May 24, 2004. Described in *RHS Extracts from the Proceedings* **126**: 158-159 (2002). Photographic slide [WSY0050833] in the RHS Herbarium (WSY).

Orchis provincialis

Certificate of Preliminary Commendation. Exhibited by Mr C Hardwick, Wolverhampton on April 17, 2004.

Hairless perennial with stems to 130mm. Leaves broadly linear, up to 85 × 15mm, strong yellow-green (144A) and with dark, oval blotches, tip acute and not hooded. Flowers 25-28mm long, the three outer segments more or less erect, *c.* 12mm long, lateral segments pointing forward, 8-10mm long, labellum 10-13 × 14-18mm, shallowly three-lobed, spur *c.* 12mm long, broadly obtuse at its upturned apex; flowers light greenish-yellow (4C) with strong purplish-red (58B) spots on centre line of labellum. Further information and colour picture in *The Alpine Gardener* **72**(4): 421-422. Specimen [WSY0046541] and photographic slide [WSY0047046] in the RHS Herbarium (WSY).

Ornithogalum lanceolatum

Award of Merit. Exhibited by RHS Garden Wisley, Woking, Surrey on February 17, 2004.

Bulb with 3-4 leaves. Leaves narrowly to broadly oblong lanceolate, up to 100 × 21mm (broadest towards base), uniformly glossy dark green above, hooded at tip, hairless, held almost erect. Scapes very short so that the tight corymbs of up to 12 flowers are held at the base of the foliage. Pedicels up to *c.* 20mm long, white, each subtended by a narrowly lanceolate bract which may either be all green or white towards base. Perianth segments opening flat or slightly recurved, narrowly ovate to narrowly elliptic, 16-22 × 6-7mm, usually obtuse and sometimes slightly hooded at apex, outer segments minutely papillate at apex, white above, with a broad pale green line from base to apex on lower surface; filaments erect, white, narrowed above; anthers white, pollen pale yellow, style erect, white; ovary strongly lobed, yellowish-green. Further information in *The Alpine Gardener* **72**(4): 389-390. Specimen [WSY0047772] and photographic slide [WSY0048209] in the RHS Herbarium (WSY).

Ornithogalum sibthorpii

Certificate of Preliminary Commendation. Exhibited by Mr I Christie, Kirriemuir, Angus on February 21, 2004.

Dwarf bulb. Leaves lying flat on the ground, 3mm wide, greyish yellow-green (191A) with a longitudinal white stripe on upper surface. Scapes 30mm, carrying starry, up-facing flowers in a flat corymb. Flowers 30mm wide; perianth segments 6, c.20mm long, spreading, blunt-tipped, white (155D) with fine green striations on the upper surface and a broad, strong yellow-green (143C) stripe on the lower surface. Specimen [WSY0046522] and photographic slide [WSY] in the RHS Herbarium (WSY).

***Ourisia* × *bitternensis* ‘Cliftonville Ling’**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs M Sheader, Bitterne, Hampshire on June 19, 2004.

Plant 30 × 130mm as exhibited. Stems densely leafy, with short, gland-tipped hairs. Leaves ovate, obtuse, up to 5 × 2.5mm. Flowers clustered towards apex of stems. Pedicels c. 4mm long, shorter than bracts. Calyx 5mm long, divided to base into oblong or obovate, obtuse or shortly mucronate glandular hairy lobes. Corollas c. 18-19mm wide, with a slightly waisted tube c. 12mm long, limb red-purple (N74A), with a white eye. Further information and colour picture in *The Alpine Gardener* 72(4): 438-441. Specimen [WSY0048214] and photographic slide [WSY0048215] in the RHS Herbarium (WSY).

***Ourisia* × *bitternensis* ‘Cliftonville Pink’**

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs M Sheader, Bitterne, Hampshire on June 19, 2004.

Plant 70 × 140mm as exhibited. Stems densely leafy, with short, gland-tipped hairs. Leaves ovate, to at least 4.5 × 2.5mm. Flowers clustered towards apex of stem. Pedicels c. 3mm long, shorter than bracts. Calyx c. 5.5mm long, divided to base into oblong or narrowly obovate, obtuse, glandular hairy lobes. Corollas to c. 16mm wide, with a slightly waisted tube c. 12mm long, limb moderate purplish-red (186B) with a brilliant yellow-green (150C) eye. Further information in *The Alpine Gardener* 72(4): 438-441. Specimen [WSY0048220] and photographic slide [WSY0048221] in the RHS Herbarium (WSY).

***Paphiopedilum* Angel Hair grex ‘Roche d'Or’**

First Class Certificate. Exhibited by the Eric Young Orchid Foundation, Jersey on January 18, 2005. Description and colour picture in *The Orchid Review* 113: 118-119. Specimen [WSY0061172] and photographic slide [WSY0061173] in the RHS Herbarium (WSY).

***Paphiopedilum armeniacum* ‘Marguerite’**

Award of Merit. Exhibited by Laurence Hobbs Orchid Ltd, Crawley Down, West Sussex on March 13, 2005.

The cultivar ‘Marguerite’, of this Chinese species, was thought to be larger than many other cultivars and with a good rounded shape. The plant exhibited had one

bright canary yellow flower on a 240mm tall green-spotted red spike. The overall flower size was 105mm long, 105mm wide; bract 22mm. Dorsal sepal 50mm long, 30mm wide, synsepal 40mm long, 25mm wide; petal 58mm long, 40mm wide. Pouch 45mm long, 42mm wide, 45mm deep; staminode yellow spotted red, 25mm wide.

***Paphiopedilum delanatii* f. *albinum* 'Gillian'**

Award of Merit. Exhibited by Mr D Mathers, Richmond, Surrey on March 13, 2005.

This plant was a seedling from Taiwan and the species originates from Vietnam. It was thought to be a true albino as there was no pigmentation visible. The stunning white flowers contrasted with the brightly mottled leaves. This interesting form was described by Braem, Baker & Baker in 1998. The plant exhibited had two 210mm tall spikes with two crystalline white flowers and one bud. Overall flower size 75mm long, 82mm wide. Dorsal sepal 40mm long, 28mm wide, synsepal 35mm long, 32mm wide; petal 42mm long, 40mm wide. Pouch 25mm long, 30mm wide, 35mm deep, staminode white with central yellow-green staminode, 18mm wide; ovary green hairy 60mm long.

***Paphiopedilum henryanum* 'Gaytarn'**

Award of Merit. Exhibited by Mr J Gay, Wakefield, West Yorkshire on November 1, 2003. Description and colour picture in *The Orchid Review* 112: 9-10.

***Paphiopedilum* Lady Rothschild grex 'Victoria Village'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on September 14, 2004. Description and colour picture in *The Orchid Review* 113: 56. Specimen [WSY0061179] and photographic slide [WSY0061180] in the RHS Herbarium (WSY).

***Paphiopedilum* L'Etacq grex 'Gorey Castle'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on October 2, 2004. Description and colour picture in *The Orchid Review* 113: 57. Specimen [WSY0061186] in the RHS Herbarium (WSY).

***Paphiopedilum* Saint Swithin grex 'La Hougue Bie'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on May 23, 2005. Description and colour picture in *The Orchid Review* 113: 238-9.

***Pennisetum glaucum* 'Purple Majesty'**

Certificate of Preliminary Commendation. Exhibited by Mr S Bradley, Guildford, Surrey on May 24, 2004. Raised by Dr D Andrews of University of Nebraska (retired) in 1980, introduced into UK in 2004. Specimen [WSY0051546] in the RHS Herbarium (WSY).

Petrocosmea minor

Certificate of Preliminary Commendation. Exhibited by Mrs K N Dryden, Sawbridgeworth, Hertfordshire on October 16, 2004.

Stemless perennial herb. Leaves basal, sub-orbicular to obovate, dark green (137B), somewhat succulent; petiole and margins of lamina shaggy pubescent, abaxially white-hairy with conspicuous lateral veins. Flowers purple (89D), borne in 1-3 flowered cymes on a peduncle to 50mm; calyx in 5 sections from base, sepals equal, narrowly triangular, pubescent; corolla zygomorphic, tube shorter than limb, limb to 20mm, 2-lipped, adaxial lip indistinctly 2-lobed; stamens 2, adnate to abaxial side of corolla tube. Ovary conical to broadly ovoid. Further information and colour picture in *The Alpine Gardener* **73**(4): 422-423. Specimen [WSY0048070] and photographic slide [WSY0048071] in the RHS Herbarium (WSY).

Petunia patagonica

Botanical Certificate. Exhibited by Dr M Sheader, Bitterne, Hampshire on May 21, 2005. Further information and colour picture in *The Alpine Gardener* **73**(4): 461-463. Specimen [WSY0073697] in the RHS Herbarium (WSY).

***Phragmipedium Bouley Bay* grex 'Jersey'**

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on January 20, 2004. Description and colour picture in *The Orchid Review* **112**: 136-137.

***Phragmipedium caudata* 'Sasha'**

Award of Merit. Exhibited by Laurence Hobbs Orchid Ltd, Crawley Down, West Sussex on June 26, 2004.

The plant exhibited was one of the redder colour forms. The species comes from Central South America and was first described by Lindley in 1840. The plant exhibited had two erect spikes 350mm and 310mm tall with three open flowers and one bud. Overall flower size 710mm long to tips of tails, 60mm wide, bract green 60mm long. Dorsal sepal white-green, striped green, 160mm long, 30mm wide, synsepal white-green, striped green, 120mm long, 50mm wide. Petal twisted pink, tapering, 7mm wide at widest, 580mm long to tips of tails, pouch pale cream-red, inside cream spotted deep burgundy red, 75mm long, 30mm wide, 45mm deep, staminode yellow-green, red hairy margin, 15mm wide, ovary green, 150mm long.

***Phragmipedium China Dragon* grex 'Jersey'**

First Class Certificate. Exhibited by the Eric Young Orchid Foundation, Jersey on April 27, 2004. Description and colour picture in *The Orchid Review* **112**: 264-266.

***Phragmipedium Jason Fischer* grex 'Corbière'**

Award of Merit. Exhibited by the Eric Young Orchid Foundation, Jersey on September 16, 2003.

The cross was originally registered by Orchids Ltd, USA in 1996. The parents are *P. Memoria Dick Clements* grex and *P. besseae*. This cultivar was thought to have a good shape and colour. The cut flower spike exhibited had one deep scarlet flower, one flower opening and one bud; overall flower size 110mm wide, 82mm long, bract green, 72mm long. Dorsal sepal 22mm wide, 42mm long; synsepal 22mm wide, 35mm long; petal 31mm wide, 52mm long. Pouch orange-red becoming yellow on the inner edge, 21mm wide, 34mm long, 25mm deep; staminode red, 14mm wide.

***Primula allionii* ‘Lepus’**

Certificate of Preliminary Commendation. Exhibited by Mr R Rolfe, West Bridgford, Nottinghamshire on February 26, 2005.

Herbaceous perennial with a basal rosette of leaves, each elliptic-obovate, c. 20 × 10mm, obtuse at apex, with small, blunt, irregular teeth, upper surface covered with short, white, adpressed hairs, longer and glandular at the margins. Calyx to 5mm with short, white glandular pubescence, lobes acute, triangular, to 1.5mm. Corolla to 15mm wide with a narrow, pale tube to 12mm long; obovate-orbicular, obcordate, deep violet (closest to 81B) with a white eye surrounding the pale throat. Further information and colour picture in *The Alpine Gardener* 73(4): 435-436. Photographic slide [WSY0073705] in the RHS Herbarium (WSY).

Primula bracteata* subsp. *dubernardiana

Certificate of Preliminary Commendation. Exhibited by Mr A R Furness, Hexham, Northumberland on April 2, 2005.

Herbaceous perennial to 30mm × 100mm as seen. Leaves grey-green, mealy, spatulate, much narrowed at the base, jaggedly toothed, to 25mm long. Flowers borne singly on upright pedicels to 9mm. Calyx separated to about half way into 5 triangular segments; corolla white faintly tinged violet (85D) with a bright yellow eye. Limb c. 15mm across, petal-lobes ovate, narrowly notched to about one third into two rounded segments. Further information and colour picture in *The Alpine Gardener* 73(4): 439-441. Photographic slide [WSY0073702] in the RHS Herbarium (WSY).

***Primula* ‘Broadwell Milkmaid’**

Award of Merit. Exhibited by Mr P Nicholls, Shoreham-by-Sea, West Sussex on March 20, 2004. Described in *RHS Extracts from the Proceedings* 124: 119. Further information and colour picture in *The Alpine Gardener* 72(4): 395. Specimen [WSY0046516] and photographic slide [WSY0046580] in the RHS Herbarium (WSY).

Primula fedtschenkoi

Botanical Certificate. Exhibited by Mr E Webster, Loughborough, Leicestershire on February 26, 2005. Further information and colour picture in *The Alpine Gardener* 73(4): 458-459. Photographic slide [WSY0073704] in the RHS Herbarium (WSY).

***Primula hirsuta* 'Lismore Snow'**

Award of Merit. Exhibited by Mr A R Furness, Hexham, Northumberland on April 2, 2005.

Herbaceous perennial to 70mm × 180mm as seen. Leaves obovate to suborbicular tapering to broad, winged petiole. Lamina with coarse, blunt teeth, glossy green, paler on underside. Peduncle yellowish-green with minute pubescence. Flowers arranged in umbels; bracts to 4mm, papery; pedicels slender, to 5mm; calyx separated to about half way into 5 triangular segments; corolla white, tube to 9mm, limb *c.* 20mm across, petal-lobes ovate, broadly notched into two rounded segments. Further information and colour picture in *The Alpine Gardener* 73(4): 441-442. Specimen [WSY0066118] in the RHS Herbarium (WSY).

Primula kweichouensis

Botanical Certificate. Exhibited by Mrs A Yorston, Hoddesdon, Hertfordshire on April 2, 2005. Further information in *The Alpine Gardener* 73(4): 459-460. Photographic slide [WSY0073701] in the RHS Herbarium (WSY).

Primula obtusifolia

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs M Taylor, Dundee, Angus on April 17, 2004.

Herbaceous perennial with a basal rosette of *c.* 12 leaves, each broadly spatulate, up to 170 × 40mm, obtuse at apex, gradually tapered below, margins with short, patent, abruptly pointed teeth, strongly white farinose below, lightly farinose above. Scape to 190mm, with 2 whorls of flowers, with *c.* 10 flowers in each whorl. Bracts linear, up to 25mm long, farinose. Pedicels to 35mm long. Calyx 10mm long, divided to $\frac{2}{3}$, basal part campanulate, lobes narrowly triangular, strongly white farinose internally. Corolla 28mm wide, with a long, slender tube to 18mm long; lobes broadly elliptic, emarginate, strong purple (82B), with a white eye surrounding the moderate violet (86A) throat. Thrum-eyed, with purple pollen. Further information and colour picture in *The Alpine Gardener* 72(4): 425-426. Specimen [WSY0046084] in the RHS Herbarium (WSY).

Primula takedana

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs C Bainbridge, Easter Howgate, Midlothian on May 15, 2004.

Herbaceous, rosette-forming perennial. Leaves shallowly and palmately 5-lobed, each lobe with 2-4, shallow teeth, dark green, sparsely hairy above, more hairy beneath especially along the veins and margins; petioles to 100mm long, reddish, with long, erect hairs. Scapes to 180mm, with 1-3 flowers. Bracts linear, 5mm long. Pedicels to 25mm long. Calyx 6mm long, green. Flowers with a funnel-shaped tube 8mm long, lobes 6, white; pin-eyed; pollen yellow. Further information in *The*

Alpine Gardener 72(4): 428-429. Specimen [WSY0047764] in the RHS Herbarium (WSY).

× ***Propetalum Bumble Bee* grex 'Beverston Castle'**

Certificate of Preliminary Commendation. Exhibited by R Stevens, Tetbury, Gloucestershire on October 2, 2004. Description and colour picture in *The Orchid Review* 113: 58-59.

***Protea laurifolia* 'Rose Mink'**

Certificate of Preliminary Commendation. Exhibited by Tresco Abbey Garden, Tresco on January 18, 2005.

Protea lepidocarpodendron

Award of Merit. Exhibited by Tresco Abbey Garden, Tresco on January 18, 2005.

Tall, upright, evergreen shrub of erect habit. Leaves narrowly oblong, stalkless to 150 × 15mm, leathery and with a prominent mid-vein. Flowerheads terminal, oblong, 100 × 45mm, always appearing "closed". Involucral bracts pale pink (a blend of 186D, N187D and paler than 182D). Outer involucral bracts ovate with pointed tips. Inner bracts oblong to spatulate with tips curved inwards, tips dark purple (N186B) and very hairy. Hairs mostly dark purple (N196B/N79A) but with white hairs at the extreme tip. Style straight, hairy at the base; pollen presenter with a minutely hooked tip; awn creamy white with dense hairs. The plant in Tresco Abbey Garden is 3-4m tall and first flowered in 1984. Further information in *The Plantsman* n.s. 4(4): 236.

***Protea* 'Pink Ice'**

Certificate of Preliminary Commendation. Exhibited by Tresco Abbey Garden, Tresco on January 18, 2005.

Puschkinia scilloides

Award of Merit. Exhibited by Dr T Smale, Epsom, Surrey on March 20, 2004.

Hairless, bulbous perennial. Leaves oblong-elliptic, 80 × 13mm, abruptly contracted at apex to a bluntly pointed, hooded apex. Stems 50-80mm tall, with a short raceme of c. 5 outward-facing flowers. Lowest pedicels 12mm long, subtended by a minute (c. 1mm long), pale brown bract. Flowers 20mm wide; perianth segments 14 × 4-5mm, oblong-elliptic, slightly saccate at base and joined for basal 2mm, retuse at apex, white with lines of light blue (101C) up centre of each petal the colour suffused out from midvein and around the centre of the flower. Further information in *The Alpine Gardener* 72(4): 394-395. Specimen [WSY0046512] and photographic slide [WSY0046582] in the RHS Herbarium (WSY).

Ramosmania rodriguesii

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 6, 2004.

Leaves opposite, oblong-elliptic, very variable but up to 160mm long and 60mm wide and with a prominent central midvein that is tinged with red (41B/C); petioles short (<7mm) and internodes 28-70mm. Bark flaking; stems glabrous and slightly flattened. Flowers in cymes, white (155C), axillary with <9 flowers per cluster and peduncles up to 15mm; corolla tube <20 × 3mm, internally velutinous and with five spreading lobes, giving a star-like effect, each lobe <28 × 8mm and slightly convex. Stamens 5, <10mm long anthers with longitudinal splits, slightly exerted, filaments attached to the tube just below the mouth. Stigma very variable in length, but shorter than the position of the stamens. The café marron is a highly decorative plant that can flower continuously for many months, with flowers all along the branches. It is also a critically endangered Rodrigues endemic that had been thought to be lost, but a single specimen was then discovered in the early 1980s. Cuttings were flown to Kew in a joint conservation project with IUCN and the Mauritian Forestry Commission. After propagation problems cuttings were eventually rooted with some being repatriated to Rodrigues. More recently the self-incompatibility mechanisms have been successfully bypassed and viable seeds have been produced. Specimen [WSY0048207] in the RHS Herbarium (WSY).

***Renanthera citrina* ‘Sue Lane’**

Botanical Certificate. Exhibited by Ms S Lane, Cullompton, Devon on October 2, 2004. Description and colour picture in *The Orchid Review* **113**: 57-59.

Rhodiola trollii

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs L Martin, Pevensey, East Sussex on June 18, 2005.

Succulent perennial to 30 × 290mm as seen. Stems numerous, fleshy, glabrous, low-growing forming a fairly tight clump. Leaves alternate, tightly clustered at end of stem, small, to 4 × 2mm, obovate-elliptic, glabrous, sessile. Inflorescence a few-flowered cyme, peduncle and pedicels with a few bract-like leaves. Flowers star-like to 15mm diameter. Calyx divided to the base in 5, sepals narrowly ovate. Petals ovate-lanceolate, blunt-tipped, papery, white. Filaments thread-like, anthers small and brown. Further information and colour picture in *The Alpine Gardener* **73**(4): 455-456 (as *Sedum trollii*). Specimen [WSY0072087] and photographic slide [WSY0073624] in the RHS Herbarium (WSY).

***Rhododendron* ‘Ambrose Bristow’**

Award of Merit. Exhibited by Mr M Robinson, Forest Row, East Sussex on April 18, 2004.

Truss *c.* 180mm diameter of *c.* 15 flowers. Corolla ventricose-campanulate, 60 × 40mm, yellowish-white (155A-154D), dorsal nectaries maroon red (59A) giving impression of small eye inside base of corolla; tube 30-35mm; lobes 7-8, 15 × 20mm. Stamens 11-16, included, 20-45mm; filaments white, slightly white pubescent at base; anthers dark brown. Style *c.* 45mm long; stigma red; ovary green

with dense white pubescence. Calyx insignificant. Pedicel 25-40mm. Leaves elliptic, blade *c.* 170 × 80mm, matt green above, compacted thin silvery indumentum beneath. Specimen [WSY0046884] and photographic slide [WSY0046882] in the RHS Herbarium (WSY).

***Rhododendron* ‘Crème Brûlée’**

Award of Merit. Exhibited by Millais Nurseries, Churt, Surrey on May 23, 2005.

Truss 180mm wide of *c.* 15 flowers. Corolla widely funnel-shaped, 110 × 30mm, white (155B), flushed yellow (4D) towards centre and base of petals, the central dorsal petal and proximal sides of adjacent petals with ochre (162A) speckles in lines radiating from the base. Petals 55 × 40mm, joined halfway from tip to base. Stamens 10, 25-40mm, filaments white (155C), glabrous except for a few scattered hairs at the base, anthers dark brown. Style 50mm, yellow green (150C). Stigma capitate, red-purple (71A). Ovary cylindrical 5 × 4mm, 10-locular with axile placentation, mid-green (137A), slightly pubescent. Pedicel *c.* 50mm, yellow-green (150B) flushed orange-red (40B). Leaves leathery, elliptical, entire, acute, to 160 × 50mm, dark green (137A/B) and dull on upper side, paler (143C) below mottled dark brown (165A). Central mid-rib pale yellow-green (150A), prominent on underside, slightly impressed on upper side. Young shoots shiny green (143C). Further information in *The Plantsman* n.s. 4(4): 240. Specimen [WSY0066122] and photographic slide [WSY0070092] in the RHS Herbarium (WSY).

***Rhododendron* ‘David Rockefeller’**

Certificate of Preliminary Commendation. Exhibited by Mr E de Rothschild, Exbury Gardens, Hampshire on May 23, 2005.

Rounded truss of 12-15 fragrant flowers, 100mm in diameter. Corolla tubular-funnel shaped, 60 × 35mm, with 6 wavy-edged lobes, *c.* 35-40 × 25mm, brilliant yellow (outer 15A, inner 15A/17B), flushed orange-yellow (23A) on central dorsal petal. Petals joined halfway from tip to base, with central groove on each face, corolla tube pubescent outside, sparsely so inside. Stamens 5, exserted, 50mm, pubescent towards base, with yellow-orange (17C) filaments grading to white or greenish-white at base, anthers orange. Style *c.* 60mm, same colour as filaments, stigma capitate, green. Ovary mid-green (139C), pilose with translucent glandular hairs. Pedicel *c.* 15mm with translucent glandular hairs. Young leaves elliptic, to 55 × 25mm, green (144A) flushed bronze (166B), shortly pubescent above and on veins below. Veins paler, *c.* 16 pairs. Petiole 1-2mm. Young stems reddish-brown (166B), shortly pubescent. Specimen [WSY0073456] and photographic slide [WSY0072076] in the RHS Herbarium (WSY).

***Rhododendron* Dragonfly Group**

Award of Merit. Exhibited by Mr E de Rothschild, Exbury Gardens, Hampshire on July 15, 2005.

Rounded truss of *c.* 10 slightly fragrant flowers, 160mm in diameter. Bud-scales aristate, 35 × 15mm. Corolla tubular-campanulate, 75 × 70mm, 6-7-lobed. Petals glabrous, *c.* 70 × 20-25mm, lower three quarters joined, pink (63C/63D), flushed darker outside (63C) and at base inside (63A) and with darker veins and slight speckling (63A) to upper half of dorsal petal. Petal margins turning violet (90C) on drying. Stamens 12-14, 45-55mm, with brown anthers and white filaments, and at the base a slight pink tint and sparse, short, translucent hairs. Style shortly glandular hairy, coloured pale yellow-green (150D), *c.* 50mm, curving towards dorsal petal. Stigma capitate. Ovary pale green (142C), 8-locular, pilose with translucent glandular hairs. Pedicel *c.* 30mm, with sticky, glandular hairs near calyx. Sepals 6-8, connate, 1-3mm, longest on dorsal side, acute, red-purple (60A), with sparse short hairs on the margins and lower surface. Leaves thinly leathery, oblanceolate, obtuse, with mucronulate tip and rounded base, dark green (147A) above, paler (143D) below and with loose, greyed-orange (169C) indumentum below. Mid-rib prominent below, impressed above, yellow-green (145C), with *c.* 12 pairs of veins on either side, slightly raised below. Petiole yellow-green (144A/145A), *c.* 25mm. Young shoots yellow-green (144A). Specimen [WSY0070221] in the RHS Herbarium (WSY).

***Rhododendron* ‘Fantastica’**

Award of Merit. Exhibited by Mr E de Rothschild, Exbury Gardens, Hampshire on May 24, 2004.

Truss 150mm across of *c.* 18 flowers. Corolla campanulate, 40 × 50mm, white with deep pink (63B) flushing on external surface and internally at lobe margins, giving a picotee appearance, scattered greenish-brown spots on inside of upper lobe; tube 20mm; lobes 5, *c.* 24 × 27mm. Stamens 10, 10-20mm, included; filaments pale pink, white pubescent at base; anthers pale brown. Style *c.* 30mm, pink, stigma red; ovary densely white tomentose. Calyx insignificant. Pedicel 40-50mm with scurfy pubescence. Leaves elliptic 90-140 × 35-50mm, underside with loose fawn indumentum. Specimen [WSY0047768] and photographic slide [WSY0048211] in the RHS Herbarium (WSY).

***Rhododendron* Intrepid Group**

Award of Merit. Exhibited by Mr E de Rothschild, Exbury Gardens, Hampshire on July 15, 2005.

Rounded truss of *c.* 17 flowers, 150mm in diameter. Bud-scales to 35 × 20mm, sticky. Corolla tubular-funnel-shaped, 70 × 55mm, 5-lobed. Petals with basal nectary, waxy, rather thick, *c.* 55 × 30mm, lower two thirds connate, coloured scarlet (45A/46B). Specimen [WSY0070225] and photographic slide [WSY0070258] in the RHS Herbarium (WSY).

***Rhododendron* 'Princess Margaret of Windsor'**

Award of Merit. Exhibited by Mr E de Rothschild, Exbury Gardens, Hampshire on May 23, 2005.

Rounded truss of 12-15 fragrant flowers, 100mm in diameter. Corolla tubular-funnel shaped, 60 × 35mm, with 6 wavy-edged lobes, c. 35-40 × 25mm, brilliant yellow (outer 15A, inner 15A/17B), flushed orange-yellow (23A) on central dorsal petal. Petals joined half way from tip to base, with central groove on each face, corolla tube pubescent outside, sparsely so inside. Stamens 5, exserted, 50mm, pubescent towards base, with yellow-orange (17C) filaments grading to white or greenish-white at base, anthers orange. Style c. 60mm, same colour as filaments, stigma capitate, green. Ovary mid-green (139C), pilose with translucent glandular hairs. Pedicel c. 15mm with translucent glandular hairs. Young leaves elliptic, to 55 × 25mm, green (144A) flushed bronze (166B), shortly pubescent above and on veins below. Veins paler, c. 16 pairs. Petiole 1-2mm. Young stems reddish-brown (166B), shortly pubescent. Specimen [WSY0066160] in the RHS Herbarium (WSY).

***Rhododendron* 'Ted Millais'**

First Class Certificate. Exhibited by RHS Garden Wisley on April 18, 2004.

Truss 90mm across of c. 16 flowers, generally consisting of 3-4 sub-trusses of 3-4 flowers each. Corolla broadly funnel-shaped, 30 × 45mm, purple (78A) with flare of brownish-red spots in throat, extending to base of upper lobe; tube 15-20mm; lobes 5, c. 15-18mm. Stamens 10, 20-35mm; filaments purple (78A), white pubescent at base; anthers pale brown. Style red-purple (71D), 35mm, stigma brown; ovary green, glabrous, scaly. Calyx insignificant. Pedicel 10-20mm. Leaves narrowly elliptic, blade c. 80 × 35mm, dark green above, dense covering of dark brown scales beneath. Specimen [WSY0047597] in the RHS Herbarium (WSY).

***Rhododendron* 'Wisley Pearl'**

Award of Merit. Exhibited by RHS Garden Wisley on May 4, 2004.

Truss 120mm wide of 8-10 flowers. Corolla broadly campanulate, 35 × 70mm, white, flushed pink (55B), especially on both surfaces of lobes and externally on mid veins, flare of diffuse green spots; tube 25mm; lobes 5, 20 × 30mm, deeply notched; buds deep pink (67A). Stamens 9-10, included, 15-30mm; filaments white, pubescent at base; anthers pale brown. Style 40mm, white, stigma and style apex flushed deep pink; ovary green with dense white pubescence. Calyx insignificant. Pedicel 25-40mm with glandular white pubescence. Leaves elliptic, blade c. 120 × 30mm, undersurface with dense fawn indumentum. Specimen [WSY0051468] and photographic slide [WSY0051466] in the RHS Herbarium (WSY).

***Rhodohypoxis baurii* 'Badger'**

Certificate of Preliminary Commendation. Exhibited by D Mountfort, Egginton, Derbyshire on May 15, 2004.

Leaves linear lanceolate, 48 × 6mm, acuminate at apex, with numerous, spreading or appressed, white hairs of very variable length. Pedicels *c.* 40mm long, similarly hairy. Perianth *c.* 30mm wide, purplish-pink (N66C), streaked white down centre of each lobe, the outer lobes broadly elliptic, *c.* 9.5mm wide, white hairy externally, bluntly acute at apex, inner lobes elliptic, 8mm wide. Further information and colour picture in *The Alpine Gardener* 72(4): 430-431. Specimen [WSY0046529] and photographic slide [WSY0047039] in the RHS Herbarium (WSY).

***Rhodohypoxis* 'Great Scot'**

Award of Merit. Exhibited by D Mountfort, Egginton, Derbyshire on May 15, 2004.

Leaves linear-lanceolate, 30-40 × 5mm, acute at apex, with numerous, spreading or appressed white hairs of very variable length. Pedicels *c.* 35mm long, similarly hairy. Perianth 15-20mm wide, strong purplish-red (64B), the outer lobes broadly elliptic, 7mm wide, densely white hairy externally, obtuse at apex, inner lobes elliptic, *c.* 5mm broad, not hairy, obtuse at apex. Further information and colour picture in *The Alpine Gardener* 72(4): 399-400. Specimen [WSY0046533] and photographic slide [WSY0047041] in the RHS Herbarium (WSY).

Richteria leontopodium

Certificate of Preliminary Commendation. Exhibited by Mr B Davidson, Gatehouse of Fleet, Galloway on April 23, 2005.

Tufted perennial to 100mm tall, the whole plant silver-grey woolly. Leaves alternate, up to 6 per stem, bipinnatifid with up to 12 alternate segments; leaflets 8 per segment blunt tipped and covered on upper and lower surface with fine white woolly hairs (191B). Flowers borne singly to 40mm across, ray florets white (155D); disk yellow (7A), stem and calyx white woolly hairy. Further information and colour picture in *The Alpine Gardener* 73(4): 446-447. Specimen [WSY0072097] in the RHS Herbarium (WSY).

Rosenia humilis

Certificate of Preliminary Commendation. Exhibited by Dr & Mrs M Sheader, Bitterne, Hampshire on April 17, 2004.

Perennial 110 × 140mm as exhibited. Leaves linear, up to 13 × 1mm, ascending in habit, acuminate at apex, with rows of glistening glands in leaf surface. Capitulum 20 × 13mm; involucre obconical, with several imbricate rows of hairless, papery bracts, outermost *c.* 4mm long, obtuse, pale yellow-green, innermost *c.* 15mm long, with a broadened, pale brown, acute apex, ligules *c.* 6mm long, vivid yellow (9A), erect. Further information and colour picture in *The Alpine Gardener* 72(4):

420-421. Specimen [WSY0046543] and photographic slide [WSY0047030] in the RHS Herbarium (WSY).

Saxifraga portosanctana

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on May 23, 2005.

Plant forming an open cushion *c.* 300 × 600mm at anthesis. Stems much branched, wiry, glabrous, becoming woody. Leaf lamina to 20 × 20mm, cuneate, rhomboid to deltoid, ternately lobed, cut into several narrowly triangular segments at the apex, coriaceous, fleshy, glabrous. Flowers to *c.* 15mm diameter borne in leafy, rather diffuse axillary cymes; sepals linear-lanceolate, glabrous, dark green; petals *c.* 10 × 3mm, white. Further information in *The Alpine Gardener* 73(4): 453. Specimen [WSY0066124] in the RHS Herbarium (WSY).

Scilla aristidis

Certificate of Preliminary Commendation. Exhibited by Mr R Cobb, Wollaton, Nottinghamshire on January 20, 2004.

Bulb without a tunic, producing two, erect, glossy green, oblanceolate, hairless leaves, up to 70 × 15mm at anthesis, broadly acute to obtuse at apex, apiculate. Scape *c.* 40mm tall, with a more or less one-sided raceme (*c.* 35mm long) held at about same level as or just exceeding the leaves. Pedicels subtended by 2 very narrowly triangular, white bracts; lower pedicels arching out so flowers are held outwards, upper more or less erect so flowers face upwards. Flowers *c.* 18mm wide, lowest opening flat or with slightly recurved perianth segments; segments oblong-elliptic, *c.* 9 × 2.5mm; filaments white, flattened, attached towards base of segments; anthers deep blue; ovary deep blue with a short slightly paler, erect style. Specimen [WSY0047771] in the RHS Herbarium (WSY).

Scilla greilhuberi

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 15, 2005.

Hairless, bulbous perennial. Leaves linear-lanceolate, to *c.* 300 × 8mm, keeled, somewhat fleshy, abruptly contracted at apex to a blunt, hooded point. Stems *c.* 240mm tall, erect, succulent, pale green becoming lilac-tinged toward the tapering apex, round in cross-section becoming strongly triangular above the lowest flower. Inflorescence a widely spaced raceme of *c.* 9 flowers each subtended by a prominent bract to 8 × 3mm. Pedicels pale purple, slender, to 16mm, held horizontally, dipping at the apex so the flowers become pendulous. Perianth segments 6, similar, 8 × 3mm, tapering to an acute point, joined for basal 2mm, sharply recurved, light purple (94D) but darker at tips and on mid rib giving overall impression of 96B. Ovary, style and filaments light purple (94D), anthers notably dark (95A). Further information and colour picture in *The Alpine Gardener* 73(4): 410-412. Specimen

[WSY0066157] and photographic slide [WSY0066158] in the RHS Herbarium (WSY).

Scilla madeirensis

First Class Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on November 12, 2004. This plant was described in *RHS Extracts from the Proceedings* **116**: 140-141 (1992). Further information and colour picture in *The Alpine Gardener* **73**(4): 404-405. Photographic slide [WSY0050846] in the RHS Herbarium (WSY).

Sebaea thomasii

First Class Certificate. Exhibited by Mr C Lafong, Glenrothes, Fife on April 17, 2004.

Plant forming a flat cushion 60 × 300mm as exhibited. Stems *c.* 60mm, with *c.* 8 decussate pairs of broadly ovate leaves, 10 × 8mm, cuspidate at apex, hairless except for a ring of very short, thick hairs around the node. Flowers solitary, terminal (or with another undeveloped bud to one side), carried on strongly angled pedicels *c.* 2.5mm long. Calyx 10mm long, with long, erect, narrow, acuminate lobes, joined towards the base. Corolla to 30mm wide, with a long (to 18mm), narrow, slender tube and spreading, elliptic lobes 10-11 × 4-5mm; lobes brilliant yellow (7A). Anthers 5, with mid brown pollen; style simple, yellow; both anthers and style held deep within the tube. Further information and colour picture in *The Alpine Gardener* **72**(4): 386-8. Specimen [WSY0046081] in the RHS Herbarium (WSY).

Silene pusilla

Award of Merit. Exhibited by Mr & Mrs L Martin, Pevensey, East Sussex on June 19, 2004.

Slender perennial. Plant exhibited 120 × 300mm. Stems much branched. Leaves opposite, linear, to *c.* 35 × 1.5mm, ciliate at base, obtuse at apex, gradually reducing in size up the stems. Inflorescence a spreading dichasium. Upper parts of stems, pedicels and calyx with numerous, short, gland-tipped hairs. Calyx obconical, 5mm long, divided to *c.* ½-way by obtuse teeth with broad hyaline margins. Petals *c.* 8mm long, deeply emarginate and each lobe with one blunt lateral tooth, white. Further information and colour picture in *The Alpine Gardener* **72**(4): 403-404. Specimen [WSY0048218] and photographic slide [WSY0048219] in the RHS Herbarium (WSY).

Silene viscaria

Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on May 24, 2004.

Clump-forming, evergreen, biennial to perennial. Stems slender, erect, *c.* 200mm tall, with swollen nodes, viscid above. Basal leaves linear, 35 × 2mm, grey-green, ciliate below and covered, like the remainder of the plant in short, dense, eglandular hairs. Inflorescence a panicle, with long, slender, spreading, 1-3 flowered branches.

Calyx shortly obovate, 6mm long, tapered at base, contracted at apex, whitish ground with 10 conspicuous, longitudinal, purple veins. Flowers *c.* 12mm wide. Petals 12mm long, deeply bilobed with a long claw, magenta, with long exerted stamens; filaments magenta; anthers tinged blue. Styles 3, white, tinged magenta. Further information and colour picture in *The Alpine Gardener* 72(4): 434-436. Specimen [WSY0048205] and photographic slide [WSY0048206] in the RHS Herbarium (WSY).

***Stanhopea* Plemont grex 'Elizabeth Castle'**

Award of Merit. Raised and exhibited by the Eric Young Orchid Foundation, Jersey on April 30, 2005. Description and colour picture in *The Orchid Review* 113: 238.

Sternbergia greuteriana

Certificate of Preliminary Commendation. Exhibited by Mr A M Edwards, Dorking, Surrey on October 5, 2004.

Bulbous perennial. Leaves several, spreading, linear, up to 80 × 3.5mm at anthesis, bright green, with only the faintest grey line down the midvein, hyaline margin minutely crenate, apex obtuse, glabrous. Stems to *c.* 60mm, becoming more or less horizontal, strongly angled. Spathe 32mm long, tubular below, papery. Ovary ellipsoid, 8 × 3.5mm. Perianth to 43 × 45-50mm, tubular below, divided above into 6 spreading to somewhat recurved, narrowly elliptic, obtuse segments, the outer 7.5mm wide, the inner 5mm wide, vivid yellow (14B); stamens 6, filaments pale yellow; style and anthers vivid yellow. Specimen [WSY0050811] and photographic slide [WSY0050812] in the RHS Herbarium (WSY).

***Streptocarpus* 'Gwen'**

Award of Merit. Raised and exhibited by Dibleys Nurseries, Ruthin, Denbighshire on May 24, 2004.

Pot plant with flowering stems to 250mm tall. Leaves basal, oblong-lanceolate with a rounded apex, hirsute; mid green (137A/B), paler below (slightly paler than 138B). Flower stems hairy, up to 10 flowers per stem with a sequential flowering. Corolla white (155C) to 35mm in height and width; tube gradually flaring, 25mm long, yellow (2B/C) flash internally, externally covered with glandular hairs, mostly clear, but some pale violet; upper 2 corolla lobes white with a faint violet tinge at their margin; lower 3 corolla lobes white, thickly veined blue-violet (N89A) with paler hues in between. Calyx 5-lobed, lanceolate to 8mm long and hirsute. A sport of *S.* 'Bethan'. Specimen [WSY0051527] and photographic slide [WSY0051526] in the RHS Herbarium (WSY).

***Streptocarpus* 'Nia'**

Award of Merit. Raised and exhibited by Dibleys Nurseries, Ruthin, Denbighshire on May 24, 2004.

Pot plant with hirsute, dark green (147A/B) flowering stems to 250mm tall. Leaves basal, oval-oblong, hirsute, mid green (137A/B), paler below (slightly paler than 138B). Up to 6 flowers per stem open at any one time. Corolla 5-lobed pink to 38mm tall and 34mm wide; tube gradually flaring, externally glandular hairy and white darkening to pale pink towards the lobes; lobes pink (68B) at margin gradually fading to blush pink (69C/D) towards the centre; lower 3 corolla lobes flushed with yellow (2C) towards the throat. Calyx 5-lobed, lanceolate to 9mm long. A sport of *S. 'Party Doll'*. Specimen [WSY0051536] and photographic slide [WSY0051535] in the RHS Herbarium (WSY).

Trillium nivale

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on March 9, 2004.

Hairless, herbaceous perennial. Stems *c.* 50mm (above ground), white suffused and mottled reddish. Leaves in a whorl of three at the apex of the stem; petioles *c.* 7mm long held almost erect, blades spreading, broadly elliptic, *c.* 45 × 35mm, truncate at base, obtuse at apex, dull green and with very indistinct purplish mottling near the edges. Pedicels *c.* 22mm long, greenish-white heavily suffused/mottled reddish, holding the flower between erect and patent. Sepals oblong-lanceolate, 24 × 8mm, recurved at apex, green. Petals 3, broadly elliptic, *c.* 34 × 23mm, obtuse at apex, pure white at first, acquiring a slight pink tinge with age, partially reflexed; filaments white, erect; pollen yellow; ovary green, with 3 styles held just below tips of anthers, filaments white above, greenish at base. Further information and colour picture in *The Alpine Gardener* 72(4): 392-394. Specimen [WSY0046518] and photographic slide [WSY0046520] in the RHS Herbarium (WSY).

Trillium 'Purple Haze'

Certificate of Preliminary Commendation. Exhibited by Mrs K N Dryden, Sawbridgeworth, Hertfordshire on April 12, 2005.

Hairless, herbaceous perennial. Stems to *c.* 450mm. Leaves in a whorl of 3 at the apex of the stem, each rhomboid and acuminate with 3 deeply inset, longitudinal veins, bright glossy green, without blotching. Sepals 3, elliptic-ovate, acute, somewhat keeled and hooded, *c.* 25 × 15mm. Petals 3, broadly ovate, shortly acuminate, 40 × 35mm with prominent longitudinal veins, white blotched with pink-purple markings (78B), darker (77A) at the base and tip of the petals, the colour distributed as though administered with a dry sponge. Ovary deep red, with 3 stigmas held just below tips of anthers; filaments short, red, anthers *c.* 7mm, pollen beige. Further information and colour picture in *The Alpine Gardener* 73(4): 442-443.

Tulipa aucheriana

First Class Certificate. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 12, 2005.

***Tulipa humilis* 'Alanya'**

Award of Merit. Exhibited by the Royal Botanic Gardens, Kew, Surrey on April 6, 2004.

Tulipa orthopoda

Botanical Certificate and Certificate of Preliminary Commendation. Exhibited by the Royal Botanic Gardens, Kew, Surrey on January 18, 2005. Further information in *The Plantsman* n.s. 4(4): 237-238. Photographic slide [WSY0052754] in the RHS Herbarium (WSY).

***Tulipa* 'World's Favourite'**

First Class Certificate. Exhibited by Wendy Akers, Wrenthorpe, North Yorkshire on April 26, 2005. Further information in *The Plantsman* n.s. 4(4): 238.

Uebelmannia pectinifera

Certificate of Preliminary Commendation. Exhibited by Mr & Mrs T Mace, Anstey, West Sussex on August 24, 2004.

Introduced from Brazil in 1964, this slow-growing plant is probably the most attractive of the genus. It has a very dark green body with white to creamy-yellow wool down the ridges at the base of the areoles, which are very dark red to almost black. Although easily cultivated it was noted that it does require a higher temperature, around 10°C, than other cacti during the winter months.

***Vanda Paki grex* 'Esther Motes'**

Award of Merit. Exhibited by Mr C Carter, Romsey, Hampshire on June 26, 2004.

This cultivar was awarded a Preliminary Certificate in 2002 (see *The Orchid Review* 110: 330-332). This more mature plant had more flowers and its superior award quality was confirmed. The plant exhibited had two pendulous spikes 240mm long both with fourteen open flowers. Overall flower size 52mm long, 60mm wide. Dorsal sepal 25mm long, 12mm wide; sepal 28mm long, 10mm wide at widest. Petal 25mm long, 8mm at widest, lip contrasting bright red streaked white, 20mm long, 9mm wide, column 7mm long.

***Vanda Pat Delight grex* 'Pink Tango'**

Award of Merit. Exhibited by Mr M Tibbs, Hermanus, South Africa on May 24, 2004. Description and colour picture in *The Orchid Review* 112: 271-272.

***Vascostylis Prapawan grex* 'Tanzanite'**

Award of Merit. Exhibited by RF Orchids, Homestead, Florida, USA on May 24, 2004. Description and colour picture in *The Orchid Review* 112: 269-271.

***Zygoneria Adelaide Meadows grex* 'Chailey Majestic'**

Certificate of Preliminary Commendation. Exhibited by McBean's Orchids, Cooksbridge, Lewes, East Sussex on April 6, 2004.

The cut spike exhibited had three open flowers, overall flower size 72mm long, 73mm wide; bract green 25mm long. The flowers had an attractive cinnamon-clove scent. Petals and sepals with deep red blotches on pale green background. Dorsal sepal 25mm long, 20mm wide, sepal 35mm long, 20mm wide; petal 32mm long, 21mm wide. Lip contrasting deep purple, velvet textured effect, mauve callus, 42mm long, 45mm wide; column purple 15mm long; ovary green 35mm long.

***Zygopetalum Kosciusko* grex 'Sophie'**

Certificate of Preliminary Commendation. Exhibited by McBean's Orchids, Cooksbridge, Lewes, East Sussex on November 25, 2003. Description and colour picture in *The Orchid Review* **112**: 72-73.

Nomenclatural standards deposited in the Royal Horticultural Society's Herbarium, Wisley (WSY) April 2004 – October 2005

Compiled by SUSAN GRAYER
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The *International Code of Nomenclature for Cultivated Plants* (Brickell *et al.*, 2004) states that, 'A nomenclatural standard is an herbarium specimen or its equivalent to which the name of a cultivar or group is permanently attached.' Material is sent for deposit in the Royal Horticultural Society's herbarium (WSY) and, in accordance with Division V, Clause 7 of the *ICNCP*, by listing them in this publication they are officially designated nomenclatural standards. This list is a continuation of the lists previously published in *Extracts from the Proceedings of the RHS*. The most recent list was published in Vol. **128**: 144–147 (2004).

The list that follows gives the plant name, the date it was collected or registered together with the form the standard takes (i.e. herbarium specimen – flowering [fl], fruiting [fr], vegetative [v]; illustration – painting [p], photographic transparency [tr], colour photograph [pg] and image [i], to cover digital prints and published photographs) and the unique accession number. An '†' indicates an invalid cultivar name according to the *ICNCP*.

- Aquilegia* 'Florida' (State Series), 27 Mar 2002, (fl), WSY0044881
Aquilegia 'Louisiana' (State Series), 23 Mar 2002, (fl), WSY0044887
Arum maculatum L. Tar Spot Group, 15 Apr 2004, (v), WSY0046050
Aster amellus L. 'Viola', 30 Oct 1928, (p), WSY0009868
Betula utilis D. Don var. *jacquemontii* (Spach) Winkl. 'Grayswood Ghost', Nov 1985, (v), WSY0060791
Briza media L. 'Russells', 22 Sep 2005, (v), WSY0070500
Camellia × *williamsii* W.W. Sm. 'Caerhays', 10 Feb 2005, (fl), WSY0058336
Camellia × *williamsii* W.W. Sm. 'Charles Michael', 10 Feb 2005, (fl), WSY0058329
Camellia × *williamsii* W.W. Sm. 'John Pickthorn', 28 Jan 2005, (fl), WSY0058328
Camellia × *williamsii* W.W. Sm. 'Mary Jobson', 28 Jan 2005, (fl), WSY0058343
Camellia × *williamsii* W.W. Sm. 'Mary Larcom', 10 Feb 2005, (fl), WSY0058332
Camellia × *williamsii* W.W. Sm. 'Muskoka', 28 Jan 2005, (fl), WSY0058338

- Camellia* × *williamsii* W.W. Sm. 'Rosemary Williams', 10 Feb 2005, (fl), WSY0058337
- Camellia* × *williamsii* W.W. Sm. 'Saint Michael', 10 Feb 2005, (fl), WSY0058334
- Campanula persicifolia* L. 'Wortham Belle', 17 Jun 2004, (fl), WSY0051774
- Caryopteris* × *clandonensis* A.Simmonds ex Rehder 'Heavenly Baby', Sep 1998, (fl), WSY0043895
- Caryopteris* × *clandonensis* A.Simmonds ex Rehder 'Inoveris', Sep 1998, (fl), WSY0043848
- Caryopteris incana* (Thunb. ex Houtt.) Miq. 'Jason', 28 Sep 2001, (fl), WSY0032297
- Catharanthus roseus* (L.) G. Don (Albus Group) 'Albus', 10 Dec 1993, (fl), WSY0045507
- Catharanthus roseus* (L.) G. Don (Albus Group) 'Pretty in Soft Pink', 10 Dec 1993, (fl), WSY0045505
- Catharanthus roseus* (L.) G. Don (Ocellatus Group) 'Morning Mist', 17 May 1994, (fl), WSY0045502
- Catharanthus roseus* (L.) G. Don (Ocellatus Group) 'Ocellatus', 10 Dec 1993, (fl), WSY0045508
- Catharanthus roseus* (L.) G. Don (Ocellatus Group) 'Parasol', 10 Dec 1993, (fl), WSY0045498
- Catharanthus roseus* (L.) G. Don (Ocellatus Group) 'Peppermint Cooler', 10 Dec 1993, (fl), WSY0045500
- Catharanthus roseus* (L.) G. Don (Roseus Group) 'Pink Turkey', 10 Dec 1993, (fl), WSY0045501
- Catharanthus roseus* (L.) G. Don (Roseus Group) 'Pretty in Rose', 10 Dec 1993, (fl), WSY0045503
- Catharanthus roseus* (L.) G. Don (Roseus Group) 'Roseus', 10 Dec 1993, (fl), WSY0045509
- Catharanthus* 'Twinkling Anja', 3 Feb 1994, (fl), WSY0045497
- Chionodoxa* 'Bluetail', 7 Apr 2001, (fl), WSY0051773
- Chrysanthemum* 'Margaret Dixon', 17 Sep 2003, (fl), WSY0043768
- Chrysanthemum* 'Mary Sweeney', 31 Aug 2004, (fl), WSY0051771
- Chrysanthemum* 'Pam', 17 Sep 2003, (tr), WSY0043770
- Chrysanthemum* 'Upton Rose', 31 Aug 2004, (fl), WSY0051769
- Chrysanthemum* 'White Talbot Maid', 18 Sep 2003, (tr), WSY0043771
- Chrysanthemum* 'Woodway Debbie', 7 Nov 2003, (fl), WSY0043800
- Clematis* Hyde Hall ('Evipo009'), 3 Jun 2004, (fl), WSY0051768
- Crocoshmia* 'Late Lucifer', 26 Jul 2004, (fl), WSY0068822
- Crocoshmia masoniorum* (Bol.) N.E. Br. 'Dixter Flame', 4 Aug 2005, (fl), WSY0070223
- Dahlia* 'Adrienne Simms', 7 Nov 2002, (pg), WSY0034930
- Dahlia* 'Amante', 6 Mar 2003, (pg), WSY0044648
- Dahlia* 'American Gold', 9 Dec 2004, (pg), WSY0052470

Dahlia 'Armside Rose Fallows', 1999, (pg), WSY0038502
Dahlia 'Baronesse', 11 Nov 2004, (pg), WSY0051713
Dahlia 'Bellezza', 2003, (pg), WSY0044650
Dahlia 'Bishop of Llandaff', 20 Aug 2004, (fl), WSY0070218
Dahlia 'Boom Boom Red', 30 Dec 2004, (pg), WSY0052472
Dahlia 'Brian's Dream', 30 Dec 2004, (pg), WSY0052254
Dahlia 'Brooklyn', 30 Dec 2004, (pg), WSY0052469
Dahlia 'Brunello', 22 Oct 2003, (pg), WSY0052467
Dahlia 'Charlie Dimmock', 19 Sep 2003, (tr), WSY0043897
Dahlia 'Claire Louise Kitchener', 2 Jan 2003, (i), WSY0037509
Dahlia 'Combat', 2003, (pg), WSY0044651
Dahlia 'Cornel Brons', 30 Dec 2004, (pg), WSY0052468
Dahlia 'Danka', 9 Dec 2004, (pg), WSY0052473
Dahlia 'Dark Spirit', 14 Mar 2002, (pg), WSY0032284
Dahlia 'Darlica', 2003, (pg), WSY0044649
Dahlia 'Demi Schneider', 8 Oct 2004, (pg), WSY0051722
Dahlia 'Diana Georgina', 2003, (pg), WSY0043704
Dahlia 'Donnica', 3 Apr 2003, (pg), WSY0044659
Dahlia 'Edith Jones', 14 Oct 2004, (pg), WSY0051724
Dahlia 'Eileen Joyce', 3 Jul 2003, (i), WSY0041901
Dahlia 'Emily Güth', 29 Jan 2004, (pg), WSY0044639
Dahlia 'Esmara', 2003, (pg), WSY0044658
Dahlia 'Fernanda', 6 Jan 2005, (pg), WSY0052257
Dahlia 'Fireflame', 3 Oct 2002, (pg), WSY0034999
Dahlia 'Fisherman', 28 Oct 2004, (pg), WSY0051725
Dahlia 'Fleur Mountjoy', 2 Jan 2003, (i), WSY0037508
Dahlia 'Floorinoor', 11 Nov 2004, (pg), WSY0051714
Dahlia 'Gateshead Angel', 2003, (i), WSY0043709
Dahlia 'Gateshead Civic', 19 Sep 2001, (i), WSY0035145
Dahlia 'Gateshead Peach', 2003, (i), WSY0043708
Dahlia 'Gateshead Quays', 8 Aug 2002, (pg), WSY0035264
Dahlia 'Geerlings' Carmen', 5 Mar 2004, (pg), WSY0045283
Dahlia 'Geerlings' Jubilee', 29 Jan 2004, (pg), WSY0044640
Dahlia 'Geerlings' Pimpernel', 29 Jan 2004, (pg), WSY0044641
Dahlia 'Geerlings' Scarletta', 4 Mar 2004, (pg), WSY0045284
Dahlia 'Geerlings' Sensation', 29 Jan 2004, (pg), WSY0044638
Dahlia 'Geerlings' Sorbet', 29 Jan 2004, (pg), WSY0044637
Dahlia 'Gerda Govers', 2 Sep 2004, (pg), WSY0051727
Dahlia 'Gryson's Naomi', 14 Mar 2002, (pg), WSY0032277
Dahlia 'Gryson's White', 14 Mar 2002, (pg), WSY0032285
Dahlia 'Gudule', 2003, (pg), WSY0044653
Dahlia 'Gwennan', 2003, (pg), WSY0044652
Dahlia 'Highwood', 22 Oct 2004, (pg), WSY0052466

Dahlia 'Horst Athalie', 21 Sep 2000, (tr), WSY0025944
Dahlia 'Icarus', 2003, (pg), WSY0044654
Dahlia 'Ina Slot', 2 Sep 2004, (pg), WSY0051728
Dahlia 'Isadora', 2003, (pg), WSY0044655
Dahlia 'Jacquie Hurst', 8 Oct 2004, (pg), WSY0051723
Dahlia 'Jaimy', 2003, (pg), WSY0044656
Dahlia 'Janet Howell', 2 Jan 2003, (i), WSY0037507
Dahlia 'Jenny Smith', 14 Oct 2004, (pg), WSY0051721
Dahlia 'Jo Lister', 2 Jan 2003, (i), WSY0037506
Dahlia 'Just in Time', 30 Dec 2004, (pg), WSY0052253
Dahlia 'Kate Mountjoy', 2 Jan 2003, (i), WSY0037504
Dahlia 'Kayleigh Spiller', 2 Jan 2003, (i), WSY0037503
Dahlia 'Kelly', 2003, (pg), WSY0044657
Dahlia 'Kevin Welch', 25 Sep 2003, (i), WSY0043613
Dahlia 'Kimm', 3 Apr 2003, (pg), WSY0044672
Dahlia 'Laarne's Miracle', 14 Mar 2002, (pg), WSY0032280
Dahlia 'Lakeland Autumn', 6 Jan 2005, (pg), WSY0052256
Dahlia 'Lakeland Sunset', 6 Jan 2005, (pg), WSY0052255
Dahlia 'Lilac Bull', 2 Dec 2004, (i), WSY0053321
Dahlia 'Lilac Pathfinder', 20 Nov 2003, (i), WSY0043791
Dahlia 'Limoncello', 2003, (pg), WSY0044671
Dahlia 'Lindsay', 29 Jan 2004, (i), WSY0044636
Dahlia 'Lisonette', 2003, (pg), WSY0044670
Dahlia 'Manx Majestic', 2003, (pg), WSY0043705
Dahlia 'Manx Marauder', 2003, (pg), WSY0043698
Dahlia 'Manx Master', 2003, (pg), WSY0043706
Dahlia 'Manx Melanie', 2003, (pg), WSY0043707
Dahlia 'Manx Morning', 2003, (pg), WSY0043703
Dahlia 'Marekin', 2003, (pg), WSY0044660
Dahlia 'Marona', 14 Jan 2003, (pg), WSY0044661
Dahlia 'Martina Stec', 29 Jan 2004, (pg), WSY0044631
Dahlia 'Maureen Kitchener', 2 Jan 2003, (i), WSY0037502
Dahlia 'Maxime', 14 Mar 2002, (pg), WSY0032286
Dahlia 'Miss Belgium', 1941, (p), WSY0016972
Dahlia 'Miss Sophie', 29 Jan 2004, (pg), WSY0044632
Dahlia 'Momona Jack', 14 Mar 2002, (i), WSY0032288
Dahlia 'Moonlady', 6 Mar 2003, (pg), WSY0044662
Dahlia 'Nees', 28 Oct 2004, (pg), WSY0051729
Dahlia 'New Age', 2003, (pg), WSY0044663
Dahlia 'New Orange', 9 Dec 2004, (pg), WSY0052477
Dahlia 'Night Rider', 9 Dec 2004, (pg), WSY0052476
Dahlia 'Obsession', 14 Mar 2002, (pg), WSY0032287
Dahlia 'Orange Pathfinder', 20 Nov 2003, (i), WSY0043790

Dahlia 'P.G. Wodehouse', 29 Jan 2004, (pg), WSY0044634
Dahlia 'Paloma', 17 Dec 2004, (pg), WSY0052479
Dahlia 'Parita', 2003, (pg), WSY0044664
Dahlia 'Paul Burrell', 13 Feb 2003, (pg), WSY0038606
Dahlia 'Penhill Milly Marjory', 7 Jan 2005, (pg), WSY0053321
Dahlia 'Penhill Nigel Thompson', 17 Aug 2002, (pg), WSY0035093
Dahlia 'Penhill Sam Maritz', 5 Sep 2002, (pg), WSY0035092
Dahlia 'Pink Attraction', 7 Jul 2005, (i), WSY0070122
Dahlia 'Pink Floyd', 9 Dec 2004, (pg), WSY0052478
Dahlia 'Pink Panther', 30 Dec 2004, (pg), WSY0052485
Dahlia 'Pride of Heemstede', 29 Jan 2004, (pg), WSY0044633
Dahlia 'Pridenos', 30 Dec 2004, (pg), WSY0052480
Dahlia 'Princess Amalia', 5 Feb 2004, (pg), WSY0044699
Dahlia 'Purple Pathfinder', 20 Nov 2003, (i), WSY0043788
Dahlia 'Que Sera', 7 Jul 2005, (i), WSY0070121
Dahlia 'Rebecca's World', 14 Mar 2002, (pg), WSY0032278
Dahlia 'Red Pathfinder', 20 Nov 2003, (i), WSY0043789
Dahlia 'Rensina Reynders', 22 Sep 2004, (pg), WSY0051726
Dahlia 'Rialto', 30 Dec 2004, (pg), WSY0052481
Dahlia 'Rossendale Lottie', 18 Nov 2004, (pg), WSY0051715
Dahlia 'Rossendale Natasha', 18 Nov 2004, (pg), WSY0051716
Dahlia 'Royal Sea', 30 Dec 2004, (pg), WSY0052486
Dahlia 'Sabine van Beijeren', 14 Mar 2002, (pg), WSY0032283
Dahlia 'Sabrina', 14 Mar 2002, (pg), WSY0032279
Dahlia 'Salamanda', 22 Jan 2004, (pg), WSY0044701
Dahlia 'Sascha', 5 Feb 2004, (pg), WSY0044698
Dahlia 'Scarabee', 2003, (pg), WSY0044665
Dahlia 'Shirlaine', 2003, (pg), WSY0044666
Dahlia 'Siberia', 30 Dec 2004, (pg), WSY0052482
Dahlia 'Silvane', 2003, (pg), WSY0044667
Dahlia 'Solane', 2003, (pg), WSY0044668
Dahlia 'Stolze von Europa', 2 Dec 2004, (i), WSY0053322
Dahlia 'Striped Vulcan', 5 Feb 2004, (pg), WSY0044700
Dahlia 'Sue Mountjoy', 2 Jan 2003, (i), WSY0037501
Dahlia 'Summer Gold', 5 Feb 2004, (pg), WSY0044697
Dahlia 'Sunnybank Jean', 14 Oct 2004, (pg), WSY0051720
Dahlia 'Tamzin Outhwaite', 2 Dec 2004, (pg), WSY0051717
Dahlia 'Top Sun', 2003, (pg), WSY0044669
Dahlia 'Treby Jacqui', 21 Oct 2004, (pg), WSY0051718
Dahlia 'Treby Samuel', 21 Oct 2004, (pg), WSY0051719
Dahlia 'Twynning's After Eight', 26 Aug 2004, (fl), WSY0051763
Dahlia 'Twynning's Candy', 5 Jul 2004, (fl), WSY0051755
Dahlia 'Twynning's Pink Fish', 19 May 2004, (fl), WSY0051756

- Dahlia* 'Vanilla', 17 Dec 2004, (pg), WSY0052484
Dahlia 'Velvet Shine', 14 Mar 2002, (pg), WSY0032282
Dahlia 'Wereld-Erfgoed Beemster', 15 Jul 2004, (pg), WSY0047602
Dahlia 'Weston Dove', 31 Jan 2002, (tr), WSY0031917
Dahlia 'Weston Flamingo', 31 Jan 2002, (tr), WSY0031916
Dahlia 'Weston Miss', 31 Jan 2002, (tr), WSY0031915
Dahlia 'Weston Sunup', 23 Jan 2003, (tr), WSY0037405
Dahlia 'White Nettie', 7 Jul 2005, (i), WSY0070118
Dahlia 'Woodside Finale', 7 Oct 2004, (pg), WSY0051730
Dahlia 'Zanobia', 14 Mar 2002, (pg), WSY0032281
Daphne × *hendersonii* Hodgkin ex C.D. Brickell & B. Mathew 'Solferino', 17 Apr 2004, (fl), WSY0046538
Daphne petraea Leyb. 'Cima Tombea', 17 Apr 2004, (fl), WSY0046528
Daucus carota L. 'Ballydowling Lace', 1 Aug 2003, (fl), WSY0043746
Delphinium (Belladonna Group) 'Delft Blue', 7 Dec 2004, (pg), WSY0052487
Delphinium grandiflorum L. 'Summer Blues' (Summer Series), 12 Oct 2005, (i), WSY0070313
Delphinium grandiflorum L. 'Summer Stars' (Summer Series), 2005, (i), WSY0070205
Delphinium 'Mulberry Crush', 7 Jan 2003, (tr), WSY0037492
Delphinium 'Summerfield Marjorie', 5 Nov 2003, (i), WSY0043881
Delphinium 'Summerfield Victoria', 2003, (i), WSY0043878
Deutzia 'Iris Alford', 11 May 2004, (fl), WSY0046161
Dianthus 'Albion White-Lion', 7 Oct 2004, (pg), WSY0051733
Dianthus 'Avon Dasset', 31 Aug 2005, (tr), WSY0070233
Dianthus 'Belmont Patricia', 2002, (i), WSY0043894
Dianthus 'Betty Tucker', 28 Nov 1988, (pg), WSY0060719
Dianthus 'Carbrooke Village', 16 Oct 2003, (i), WSY0044465
Dianthus 'Chesswood Anne Merritt', 8 Jan 2003, (tr), WSY0037481
Dianthus 'Chesswood Beryl James', 8 Dec 2003, (pg), WSY0043893
Dianthus 'Chesswood Doreen's Choice', 8 Jan 2003, (tr), WSY0037479
Dianthus 'Chesswood Dorothy Cottam', 15 Jan 2003, (pg), WSY0037482
Dianthus 'Chesswood Jodie Louise', 15 Jan 2003, (tr), WSY0037483
Dianthus 'Chesswood Sadie Alexandra', 8 Jan 2003, (tr), WSY0037480
Dianthus 'Claire Brade', 2 Jul 2004, (fl), WSY0047303
Dianthus 'Crimson Flame', 23 Sep 2003, (i), WSY0041760
Dianthus 'Culcheth Gem', 24 Jul 2003, (pg), WSY0041909
Dianthus 'Culcheth Splash', 24 Jul 2003, (pg), WSY0041907
Dianthus 'Culcheth Star', 24 Jul 2003, (tr), WSY0041905
Dianthus 'Culcheth White Ballerina', 24 Jul 2003, (pg), WSY0041902
Dianthus 'Eleanor's Old Irish', 2 Jun 2005, (tr), WSY0070085
Dianthus 'Emily Brade', 2 Jul 2004, (fl), WSY0047305
Dianthus 'Gail Tilsley', 28 Nov 1988, (pg), WSY0060718

- Dianthus* 'Highland Mist', 8 Oct 2004, (pg), WSY0051744
Dianthus 'Joshua Heelas', 12 Feb 2003, (i), WSY0038607
Dianthus 'Judy Ann', 11 Apr 2003, (fl), WSY0040143
Dianthus 'Laura-May Parr', 12 Feb 2003, (i), WSY0038608
Dianthus 'Moor Corbeth', 28 Oct 2003, (pg), WSY0044460
Dianthus 'Moor Edora', 28 Oct 2003, (pg), WSY0044462
Dianthus 'Moor Hazel-Eye', 28 Oct 2003, (pg), WSY0044461
Dianthus 'Moor Sue', 28 Oct 2003, (pg), WSY0044463
Dianthus 'Norfolk Maid', 16 Oct 2003, (i), WSY0044464
Dianthus 'Pat Archer', 28 Nov 1988, (pg), WSY0060721
Dianthus 'Spinfield Fireball', 2 Jul 2004, (fl), WSY0047306
Dianthus 'Spinfield Party Dress', 9 Jul 2004, (fl), WSY0051801
Dianthus 'Spinfield Strawberry Crush', 5 Jul 2004, (fl), WSY0051796
Dianthus 'Spinfield Warrior', 2 Jul 2004, (fl), WSY0047304
Dianthus 'Suffolk Countess', 25 Jun 2003, (fl), WSY0044684
Dianthus 'Suffolk Festival', 25 Jun 2003, (fl), WSY0044683
Dianthus 'Suffolk Hussar', 25 Jun 2003, (fl), WSY0044682
Dianthus 'Summerfield Adam', 23 Feb 2005, (pg), WSY0060678
Dianthus 'Summerfield Amy Francesca', 23 Feb 2005, (pg), WSY0060677
Dianthus 'Summerfield Blaze', 23 Feb 2005, (pg), WSY0060679
Dianthus 'Summerfield Debbie', 23 Feb 2005, (pg), WSY0060680
Dianthus 'Summerfield Emma Louise', 23 Feb 2005, (pg), WSY0060681
Dianthus 'Summerfield Rebecca', 23 Feb 2005, (pg), WSY0060682
Dianthus 'Sutton Brierley Grace', 20 Oct 2004, (i), WSY0051732
Dianthus 'Sutton Harold Newby', 19 Oct 2004, (i), WSY0051742
Dianthus 'Sutton Libby May', 19 Oct 2004, (i), WSY0051738
Dianthus 'Sutton Lorens Amour', 19 Oct 2004, (i), WSY0051737
Dianthus 'Sutton Maggie May', 19 Oct 2004, (i), WSY0051736
Dianthus 'Sutton Molly Truswell', 19 Oct 2004, (i), WSY0051740
Dianthus 'Sutton Old English', 20 Oct 2004, (i), WSY0051741
Dianthus 'Sutton Pamela Flett Supreme', 20 Oct 2004, (i), WSY0051731
Dianthus 'Sutton Petite Marina', 20 Oct 2004, (i), WSY0051743
Dianthus 'Sutton Sarah Tilley', 19 Oct 2004, (i), WSY0051735
Dianthus 'Sutton Scarlet O'Hara', 19 Oct 2004, (i), WSY0051734
Dianthus 'Sutton Secret Love', 19 Oct 2004, (i), WSY0051739
Dianthus 'Valerie Ann', 2 Jul 2004, (fl), WSY0047302
Dianthus 'Vera Duckworth', 1998, (pg), WSY0060725
Eryngium pandanifolium Cham. & Schldl. 'Physic Purple', 4 Oct 1994, (fl), WSY0045266
Euonymus hamiltonianus Wall. 'Red Elf', 9 Oct 1979, (fr), WSY0063348
Euonymus hamiltonianus Wall. subsp. *sieboldianus* (Blume) Hara 'Coral Charm', 3 Nov 1981, (fl), WSY0060817
Euphorbia amygdaloides L. 'Brithembottom', 31 Mar 2004, (fl), WSY0045579

- Fuchsia* 'Gina Bowman', 1 Sep 2004, (fl), WSY0051493
Fuchsia 'Jan Murray', 23 Aug 2005, (fl), WSY0070259
Fuchsia 'Margaret Bird', 25 Aug 2005, (fl), WSY0070281
Gaillardia 'Saint Clements', 25 Jun 2004, (fl), WSY0051490
Galanthus elwesii Hook. f. var. *monostictus* P.D. Sell 'Warwickshire Gemini', 12 Mar 2003, (fl), WSY0046143
Geranium 'Ann Folkard', 6 Jul 2004, (fl), WSY0051483
Geranium asphodeloides Burm.f. 'Catforth Sam', 29 May 2003, (fl), WSY0070297
Geranium ibericum Cav. subsp. *jubatatum* Hand.-Mazz. 'White Zigana', 4 Jun 2003, (fl), WSY0043794
Geranium pratense L. 'Catforth Cadenza', 29 May 2003, (fl), WSY0070293
Geranium pratense L. 'Janet's Special', 16 Jun 2004, (fl), WSY0051109
Gladiolus 'Hauptmann Kohl', 9 Sep 1930, (p), WSY0017875
Gladiolus 'Mrs James Kelway', 28 Jul 1925, (p), WSY0017922
Hedera helix L. 'Hullavington', 21 Sep 2000, (v), WSY0025939
Heliopsis helianthoides (L.) Sweet var. *scabra* (Dunal) Fernald 'Waterperry Gold', 20 Jul 2001, (tr), WSY0030217
Hemerocallis 'Cathy's Sunset', 17 Jun 2004, (fl), WSY0051482
Hyacinthoides non-scripta (L.) Chouard ex Rothm. 'Chedglow', 28 Apr 2004, (fl), WSY0046162
Iris sibirica L. 'Blaue Milchstrasse', 16 Jun 2004, (fl), WSY0051610
Iris sibirica L. 'Sibirische Nacht', 29 May 2002, (fl), WSY0035239
Iris sibirica L. 'Viel Creme', 16 Jun 2004, (fl), WSY0047324
Iris 'Staplehurst', 20 May 2004, (fl), WSY0051623
Lathyrus odoratus L. 'Ballerina Blue', 2003, (tr), WSY0041801
Lathyrus odoratus L. 'Blush Strokes', 7 Jul 2004, (fl), WSY0068830
Lathyrus odoratus L. 'Carnival Queen', 7 Jul 2004, (tr), WSY0052299
Lathyrus odoratus L. 'Emma', 6 Jul 2001, (fl), WSY0029865
Lathyrus odoratus L. 'Harlow Carr', 26 Jul 2004, (fl), WSY0060800
Lathyrus odoratus L. 'Lady's Bonnet', 7 Jul 2004, (fl), WSY0051627
Lathyrus odoratus L. 'Linda Carole', 7 Jul 2004, (fl), WSY0068828
Lathyrus odoratus L. 'Misty Mountain', 24 Jun 2004, (fl), WSY0051633
Lathyrus odoratus L. 'Sandi Jones', 2003, (tr), WSY0041807
Lathyrus odoratus L. 'Solway Minuet', 2003, (tr), WSY0041802
Lathyrus odoratus L. 'Solway Snowflake', 2003, (tr), WSY0041803
Lathyrus odoratus L. 'Starlight', 21 Jun 2004, (fl), WSY0051629
Lathyrus odoratus L. 'Tranquillity', 2003, (tr), WSY0041804
Lathyrus odoratus L. 'Tribute', 7 Jul 2004, (fl), WSY0068834
Lathyrus odoratus L. 'Wisley', 26 Jul 2004, (fl), WSY0068820
Lavandula angustifolia Mill. 'Eastgrove Dome', 12 Jul 2005, (fl), WSY0070189¹

¹ Originally given the name 'Eastgrove Nana' but this is contrary to Art. 19.13 of the ICNCP, see Upson & Andrews, *The Genus Lavandula*: 136, 2004.

Lavandula dentata L. var. *candicans* Batt. 'Agadir', 24 Jul 1997, (fl), WSY0002168
Lavandula 'Fathead', 25 Aug 1999, (fl), WSY0015474
Lewisia 'Little Plum', 14 Jul 2004, (fl), WSY0051634
Lobelia 'Shirley Crimson', 16 Aug 1927, (p), WSY0018839
Magnolia 'Peter Dummer', 26 Mar 2003, (fl), WSY0044642
Malus domestica Borkh. 'Laxton's Red', 2 May 1939, (p), WSY0019826
Narcissus 'Abraxis', 2005, (pg), WSY0070013
Narcissus 'Apricot Lace', Sep 2003, (pg), WSY0047334
Narcissus 'Arctic Rim', 25 Apr 2005, (i), WSY0070014
Narcissus 'Arona', 2004, (pg), WSY0047335
Narcissus 'Astrid's Memory', 27 Aug 2003, (pg), WSY0047336
Narcissus 'Auchranie', 14 Feb 2005, (pg), WSY0070015
Narcissus 'Auntie Social', 22 Jun 2005, (tr), WSY0070016
Narcissus 'Baby Clare', Sep 2004, (i), WSY0070017
Narcissus 'Badgeworth', 30 Jun 2004, (pg), WSY0047337
Narcissus 'Bajka', 30 Jun 2004, (pg), WSY0042234
Narcissus 'Berounka', 30 Jun 2004, (pg), WSY0042235
Narcissus 'Beseda', 30 Jun 2004, (pg), WSY0042236
Narcissus 'Betty Mae', 21 Feb 2004, (fl), WSY0045321
Narcissus 'Biometrics', 2004, (tr), WSY0047338
Narcissus 'Blahobyt', 30 Jun 2004, (pg), WSY0042237
Narcissus 'Blanice', 30 Jun 2004, (pg), WSY0042238
Narcissus 'Blesk', 30 Jun 2004, (pg), WSY0042239
Narcissus 'Blush of Rose', 22 Jun 2005, (tr), WSY0070018
Narcissus 'Blushing Lady', Sep 2003, (pg), WSY0047339
Narcissus 'Bridget Cramsie', 1 Dec 2003, (pg), WSY0047340
Narcissus 'Broskev', 30 Jun 2004, (pg), WSY0042240
Narcissus 'Butterfly Kiss', 22 Jun 2005, (tr), WSY0070019
Narcissus 'Carneary', 24 Apr 2004, (pg), WSY0047341
Narcissus 'Carwinion', 30 Jun 2004, (pg), WSY0047342
Narcissus 'Chamber Music', 27 Jun 2005, (i), WSY0070128
Narcissus 'Charlie Connor', 30 Jun 2004, (pg), WSY0047343
Narcissus 'Chehalem', 22 Jun 2005, (tr), WSY0070020
Narcissus 'Cherry Creme', 27 Jun 2005, (i), WSY0070021
Narcissus 'Churchsettle', 3 May 2005, (tr), WSY0070022
Narcissus 'Chysauster', 14 Feb 2005, (i), WSY0070023
Narcissus 'Classic Gold', 30 Jun 2005, (pg), WSY0070024
Narcissus 'Clay's Gold', 1 Dec 2003, (pg), WSY0047344
Narcissus 'Clown Alley', 22 Jun 2005, (tr), WSY0070025
Narcissus 'Cold Play', 30 Jun 2004, (pg), WSY0047345
Narcissus 'Conly', 24 Apr 2004, (pg), WSY0047346
Narcissus 'Cool River', 27 Jun 2005, (i), WSY0070026
Narcissus 'Coolmaghery', 14 Feb 2005, (tr), WSY0070027

Narcissus 'Coracle', 19 Apr 2005, (i), WSY0070248
Narcissus 'Creed', 2004, (pg), WSY0047347
Narcissus 'Crugmeer', 30 Jun 2004, (pg), WSY0047348
Narcissus 'Cutting Edge', 30 Jun 2004, (pg), WSY0047349
Narcissus 'Daffy Duck', 1 Dec 2003, (pg), WSY0047350
Narcissus 'David Orr', 30 Jun 2005, (tr), WSY0070028
Narcissus 'Dawn Run', 24 Apr 2004, (pg), WSY0047351
Narcissus 'Dena', 14 Feb 2005, (tr), WSY0070029
Narcissus 'Doll Face', 22 Jun 2005, (tr), WSY0070030
Narcissus 'Double Play', 22 Jun 2005, (tr), WSY0070031
Narcissus 'Double Smiles', 27 Aug 2003, (pg), WSY0047352
Narcissus 'Eden Gold', 1 Feb 2005, (pg), WSY0070032
Narcissus 'English Garden', 1 Sep 2004, (pg), WSY0070033
Narcissus 'Eyeful', 22 Jun 2005, (tr), WSY0070034
Narcissus 'Floral Feast', 12 Dec 2003, (tr), WSY0070035
Narcissus 'Foff's Way', 14 Feb 2005, (i), WSY0070036
Narcissus 'Freedom Stars', 24 Apr 2004, (pg), WSY0047353
Narcissus 'Garden News', 24 Apr 2004, (pg), WSY0060693
Narcissus 'Gateway to Spring', 30 Jun 2004, (tr), WSY0047355
Narcissus 'Gellymill', 30 Jun 2004, (pg), WSY0047356
Narcissus 'Glacier Sunset', 27 Jun 2005, (i), WSY0070037
Narcissus 'Glaphorne', 30 Jun 2004, (pg), WSY0047357
Narcissus 'Glow of Gold', 17 Apr 2005, (pg), WSY0070083
Narcissus 'Golant', 30 Jun 2004, (pg), WSY0047358
Narcissus 'Golden Gamble', 14 Feb 2005, (tr), WSY0070038
Narcissus 'Golden Splash', 14 Feb 2005, (tr), WSY0070039
Narcissus 'Good Friend', 1 Dec 2003, (pg), WSY0047359
Narcissus 'Halloween', 14 Feb 2005, (i), WSY0070040
Narcissus 'Halzephron', 30 Jun 2004, (pg), WSY0047360
Narcissus 'Happy Valley', 30 Jun 2004, (tr), WSY0047361
Narcissus 'Harpist', 23 Mar 1926, (p), WSY0019344
Narcissus 'Helen Henderson', Sep 2004, (i), WSY0070041
Narcissus 'Hugh', 14 Apr 2004, (pg), WSY0047362
Narcissus 'Inaugural Ball', 27 Jun 2005, (i), WSY0070042
Narcissus 'Inbal', 3 May 2005, (i), WSY0070043
Narcissus 'Inchiquin', Sep 2004, (i), WSY0070044
Narcissus 'Ironmaster', 30 Jun 2004, (tr), WSY0047363
Narcissus 'Isenhurst', 3 May 2005, (tr), WSY0070045
Narcissus 'Jeanine', 12 Aug 2003, (pg), WSY0047364
Narcissus 'Jocelyn Newman', 1 Dec 2003, (pg), WSY0047365
Narcissus 'John Lanyon', 30 Jun 2004, (pg), WSY0047366
Narcissus 'Joy Symphony', 27 Jun 2005, (i), WSY0070046
Narcissus 'Kelly Bray', 14 Feb 2005, (i), WSY0070047

Narcissus 'Kingstanding', 30 Jun 2004, (tr), WSY0047367
Narcissus 'Koukouli', 30 Jun 2004, (pg), WSY0047368
Narcissus 'La Salle', 30 Jun 2004, (tr), WSY0047369
Narcissus 'Laughing Bird Caye', 30 Jun 2004, (pg), WSY0047370
Narcissus 'Lemon and Barley', 30 Jun 2004, (pg), WSY0047371
Narcissus 'Lemon Lake', 30 Jun 2004, (tr), WSY0047372
Narcissus 'Liffey Falls', 2003, (pg), WSY0047373
Narcissus 'Little Henry', 1 Dec 2003, (pg), WSY0047374
Narcissus 'Livelihoods', 30 Jun 2004, (pg), WSY0047375
Narcissus 'Lora Robins', 30 Jun 2004, (pg), WSY0047376
Narcissus 'Lynher', 14 Feb 2005, (i), WSY0070048
Narcissus 'Mawla', 30 Jun 2004, (pg), WSY0047377
Narcissus 'Merthan', 30 Jun 2004, (pg), WSY0047378
Narcissus 'Milly's Magic', 30 Jun 2004, (pg), WSY0047379
Narcissus 'Mithrel', 30 Jun 2004, (pg), WSY0047380
Narcissus 'Moonyellow', 11 Oct 2004, (pg), WSY0070049
Narcissus 'Morab', 14 Feb 2005, (i), WSY0070050
Narcissus 'Morvah Lady', 14 Feb 2005, (i), WSY0070051
Narcissus 'New Twist', 22 Jun 2005, (tr), WSY0070052
Narcissus 'Nosie Posie', Sep 2003, (pg), WSY0047381
Narcissus 'Olympic Flame', 25 Apr 2005, (pg), WSY0070053
Narcissus 'Orkney', 14 Feb 2005, (i), WSY0070054
Narcissus 'Papa Snoz', 1 Dec 2003, (pg), WSY0047382
Narcissus 'Pathos', 14 Feb 2005, (i), WSY0070055
Narcissus 'Penny Perowne', 11 Oct 2004, (i), WSY0070056
Narcissus 'Perfect Peace', 6 May 2005, (i), WSY0070127
Narcissus 'Picket Post', 19 Apr 2005, (i), WSY0070250
Narcissus 'Pitt's Diamond', 14 Feb 2005, (i), WSY0070058
Narcissus 'Polgooth', 30 Jun 2004, (pg), WSY0047383
Narcissus 'Port Noo', 24 Apr 2004, (pg), WSY0047384
Narcissus 'Portloe Bay', 30 Jun 2004, (pg), WSY0047385
Narcissus 'Princess Jenny', 30 Jun 2004, (pg), WSY0047386
Narcissus 'Princess Jessica', 30 Jun 2004, (pg), WSY0047387
Narcissus 'Prussia Cove', 2005, (i), WSY0070059
Narcissus 'Queen Mum', 14 Feb 2005, (i), WSY0070060
Narcissus 'Reckless Abandon', 22 Jun 2005, (tr), WSY0070061
Narcissus 'Ridgecrest', 24 Apr 2004, (pg), WSY0047388
Narcissus 'Ridgewood', 30 Jun 2004, (tr), WSY0047389
Narcissus 'Rita Dove', 24 Aug 2003, (pg), WSY0047390
Narcissus rupicola Dufour ex Schult. subsp. *watieri* 'Abaleish', 2005, (i), WSY0070012
Narcissus 'Russell Falls', 1 Dec 2003, (pg), WSY0047391
Narcissus 'Saint Catherine's', 30 Jun 2004, (pg), WSY0047392

- Narcissus* 'Sandburg', 30 Jun 2005, (i), WSY0070062
Narcissus 'Satchmo', 6 Feb 2004, (pg), WSY0047393
Narcissus 'Scorrier', 30 Jun 2004, (pg), WSY0047394
Narcissus 'Serena Lodge', Apr 1999, (tr), WSY0027063
Narcissus 'Sidora', 22 Mar 2005, (i), WSY0070063
Narcissus 'Sloe Gin', 30 Jun 2004, (pg), WSY0047395
Narcissus 'Smiling Twin', 24 Sep 2003, (pg), WSY0047396
Narcissus 'Snug Falls', 1 Dec 2003, (pg), WSY0047397
Narcissus 'Sorcerer's Apprentice', 22 Jun 2005, (tr), WSY0070064
Narcissus 'Spinning Chorus', 27 Jun 2005, (i), WSY0070065
Narcissus 'Spring Overture', 27 Jun 2005, (i), WSY0070066
Narcissus 'Squirt', 2005, (tr), WSY0070067
Narcissus 'Stenalees', 14 Feb 2005, (i), WSY0070068
Narcissus 'Stina Mai', Sep 2004, (i), WSY0070069
Narcissus 'Sugar Rose', 30 Jun 2004, (pg), WSY0047398
Narcissus 'Super Psyche', 22 Jun 2005, (tr), WSY0070070
Narcissus 'Super Seven', 22 Jun 2005, (tr), WSY0070071
Narcissus 'Swirling Baton', 22 Jun 2005, (tr), WSY0070072
Narcissus 'Taffy Davies', 30 Jun 2004, (pg), WSY0047399
Narcissus 'Talbot's Beauty', 30 Jun 2004, (pg), WSY0047400
Narcissus 'Tennant', 30 Jun 2004, (pg), WSY0047401
Narcissus 'Tremough Dale', 14 Feb 2005, (i), WSY0070073
Narcissus 'Trevaunance', 30 Jun 2004, (pg), WSY0047402
Narcissus 'Trewoon', 14 Feb 2005, (i), WSY0070074
Narcissus 'Tropic Paradise', 30 Jun 2004, (tr), WSY0047403
Narcissus 'Twin Stars', 1 Dec 2003, (pg), WSY0047404
Narcissus 'Veronica Pauline', 27 Aug 2003, (pg), WSY0047405
Narcissus 'Victorian Lace', 30 Jun 2004, (tr), WSY0047406
Narcissus 'Waldron', 30 Jun 2004, (tr), WSY0047407
Narcissus 'Warwick Castle', 30 Jun 2004, (pg), WSY0047408
Narcissus 'Wisley', 19 Oct 2004, (i), WSY0070075
Narcissus 'Yoley's Pond', 14 Feb 2005, (i), WSY0070076
Narcissus 'Young Blood', 24 Apr 2004, (pg), WSY0047409
Narcissus 'Zoë's Pink', 30 Jun 2005, (pg), WSY0070077
Nepeta 'Leeds Castle', 8 Jun 2001, (fl), WSY0045528
Passiflora × *caponii* K.A.Beckett 'John Innes', 1960, (fl), WSY0045511
Passiflora 'Sapphire', 23 Oct 2002, (fl), WSY0042536
Pelargonium 'Berkswell Blush', 21 Jun 2005, (fl), WSY0068827
Pelargonium 'Berkswell Dainty', 25 Jun 2004, (fl), WSY0051557
Pelargonium 'Berkswell Lace', 24 Jun 2004, (fl), WSY0051591
Pelargonium 'Berkswell Windmill', 21 Jun 2005, (fl), WSY0068825
Pelargonium 'Caroline', 23 Jun 2004, (fl), WSY0070093
Pelargonium 'Cottenham Belle', 23 Jun 2004, (fl), WSY0051581

- Pelargonium* 'Cottenham Star', 23 Jun 2004, (fl), WSY0051584
Pelargonium 'Cottenham Wonder', 23 Jun 2004, (fl), WSY0051587
Pelargonium 'Cowes', 23 Jun 2004, (fl), WSY0047321
Pelargonium 'Elmfield', 23 Jun 2004, (fl), WSY0051566
Pelargonium 'Green Silver Galaxy', 23 Jun 2004, (fl), WSY0051572
Pelargonium 'Little Spikey', 23 Jun 2004, (fl), WSY0047331
Pelargonium 'Lucie Caws', 23 Jun 2004, (fl), WSY0070096
Pelargonium 'Mary Caws', 23 Jun 2004, (fl), WSY0070094
Pelargonium 'Mendip Lorraine', 23 Jun 2004, (fl), WSY0051578
Pelargonium 'Newbridge', 23 Jun 2004, (fl), WSY0047311
Pelargonium 'Quantock Jayne', 23 Jun 2004, (fl), WSY0051560
Pelargonium 'Raphael', 24 Jun 2004, (fl), WSY0047332
Pelargonium 'Rookley', 23 Jun 2004, (fl), WSY0051571
Pelargonium 'Snowbright', 23 Jun 2004, (fl), WSY0051555
Pelargonium 'Star Flair', 25 Jun 2004, (fl), WSY0051588
Pelargonium 'Star Storm', 23 Jun 2004, (fl), WSY0047308
Pelargonium 'Vectis Dream', 24 Jun 2004, (fl), WSY0070100
Pelargonium 'Vectis Finery', 23 Jun 2004, (fl), WSY0051562
Phygelius aequalis Harv. ex Hiern. Sensation ('Sani Pass'), Sep 1994, (fl),
 WSY0012047
Phygelius × *rectus* Coombes 'Ivory Twist', 6 Aug 2003, (fl), WSY0043669
Phygelius × *rectus* Coombes 'Sweet Dreams', 11 Aug 2003, (fl), WSY0043695
Rhododendron 'Alan Campbell-Johnson', 13 Mar 2003, (pg), WSY0040212
Rhododendron 'Albarello', 13 Jun 2005, (i), WSY0070129
Rhododendron 'Alessandro Volta', 1 Dec 2000, (tr), WSY0028343
Rhododendron 'Anatevka', 13 Jun 2005, (i), WSY0070130
Rhododendron 'Andantino', 10 Jul 2001, (i), WSY0030608
Rhododendron 'Anilin', 13 May 2004, (fl), WSY0051476
Rhododendron 'Anna Booth', Sep 2001, (tr), WSY0035245
Rhododendron 'Annika', 11 Jul 2001, (i), WSY0030607
Rhododendron 'Anuschka', 13 May 2004, (fl), WSY0051367
Rhododendron 'Apollonia', 10 Jul 2001, (i), WSY0030609
Rhododendron 'Aprilmorgen', 21 Jun 2005, (i), WSY0070173
Rhododendron 'Ardent Beau', 6 Dec 2002, (tr), WSY0038778
Rhododendron 'Arkona', 16 Jul 2001, (i), WSY0030610
Rhododendron 'Astrid', 31 May 2005, (fl), WSY0060763
Rhododendron 'Azurella', 31 Jul 2001, (i), WSY0030611
Rhododendron 'Barmstedt', 18 May 2004, (fl), WSY0046890
Rhododendron 'Bashful', 18 May 2004, (fl), WSY0051376
Rhododendron 'Begula', 31 Jul 2001, (i), WSY0030612
Rhododendron 'Belami', 31 Jul 2001, (i), WSY0030613
Rhododendron 'Belinda', 31 Jul 2001, (i), WSY0030614
Rhododendron 'Bellevue', 31 Jul 2001, (i), WSY0030615

Rhododendron 'Blankenese', 9 May 2003, (fl), WSY0043785
Rhododendron 'Blazeaway', 6 Dec 2002, (tr), WSY0038779
Rhododendron 'Blurettia', 19 May 2004, (fl), WSY0051437
Rhododendron 'Bob Malone', 11 Apr 2002, (pg), WSY0032319
Rhododendron 'Bobbie Wilson', 31 Jan 2002, (i), WSY0031929
Rhododendron 'Bordüre', 14 Jun 2005, (i), WSY0070132
Rhododendron 'Cabot', 6 Jun 2003, (pg), WSY0040215
Rhododendron 'Campanile', 1 Aug 2001, (i), WSY0030618
Rhododendron 'Camparina', 14 Jun 2005, (i), WSY0070131
Rhododendron 'Canadian Kaleidoscope', 16 Jul 2002, (pg), WSY0035247
Rhododendron 'Caruso', 1 Aug 2001, (i), WSY0030619
Rhododendron 'Cassiopeia', 20 Aug 2003, (pg), WSY0044681
Rhododendron 'Cecilia Joossens', 20 Nov 2002, (pg), WSY0034872
Rhododendron 'Charis', 14 Jun 2005, (i), WSY0070133
Rhododendron 'Chelsea Seventy', 12 May 2004, (fl), WSY0051430
Rhododendron 'Christine Jennings', 30 Oct 2002, (pg), WSY0034910
Rhododendron 'Courtier', 20 Aug 2003, (pg), WSY0044676
Rhododendron 'Courtney', 22 Feb 2001, (fl), WSY0027980
Rhododendron 'Creamed Corn', 5 Jun 2002, (pg), WSY0033536
Rhododendron 'Creamery Road', 10 Apr 2002, (pg), WSY0032321
Rhododendron 'Crestan', 31 Jan 2002, (tr), WSY0031923
Rhododendron 'Crestan Betty', 31 Jan 2002, (tr), WSY0031926
Rhododendron 'Crete', 25 Aug 2004, (fl), WSY0051477
Rhododendron 'Cristobel Maude', 14 May 2004, (fl), WSY0051457
Rhododendron 'Csárdás', 8 Aug 2001, (i), WSY0030620
Rhododendron 'Cygnus', 20 Aug 2003, (pg), WSY0044677
Rhododendron 'Daniel Arblaster', 30 Oct 2002, (pg), WSY0034909
Rhododendron 'Daniela', 13 May 2004, (fl), WSY0051355
Rhododendron 'Danuta', 8 Aug 2001, (i), WSY0030621
Rhododendron 'Dark Jewel', 6 Dec 2002, (tr), WSY0038780
Rhododendron 'Doctor Francis Roe', 13 Mar 2003, (pg), WSY0040214
Rhododendron 'Doctor Peter Hewitt', 5 Jun 2002, (i), WSY0033493
Rhododendron 'Dolcemente', 8 Aug 2001, (i), WSY0030622
Rhododendron 'Dolita', 8 Aug 2001, (i), WSY0030623
Rhododendron 'Donvale Gold', 22 Feb 2001, (fl), WSY0035068
Rhododendron 'Donvale Princess', 22 Feb 2001, (fl), WSY0027989
Rhododendron 'Donvale Sunshine', 21 Feb 2001, (fl), WSY0027984
Rhododendron Dragonfly Group, 15 Jul 2005, (fl), WSY0070221
Rhododendron 'Drapa', 28 Jun 2005, (i), WSY0070168
Rhododendron 'Dreamland', 18 May 2004, (fl), WSY0051372
Rhododendron 'Dreilinden', 24 Apr 2001, (pg), WSY0029125
Rhododendron 'Durantik', 8 Aug 2001, (i), WSY0030624
Rhododendron 'Elfenreigen', 1 Feb 2002, (pg), WSY0032043

Rhododendron 'Elfie', 28 Jun 2005, (i), WSY0070162
Rhododendron 'Elise Schütze', 24 Apr 2001, (pg), WSY0029126
Rhododendron 'Eliska', 27 Jun 2005, (i), WSY0070152
Rhododendron 'Ellalikäbetta', 20 Aug 2001, (pg), WSY0030311
Rhododendron 'Enrico', 27 Jun 2005, (i), WSY0070154
Rhododendron 'Fantastica', 17 May 2001, (fl), WSY0029806
Rhododendron 'Festivo', 17 May 2004, (fl), WSY0051429
Rhododendron 'Fidelius', 8 Aug 2001, (i), WSY0030625
Rhododendron 'Flensburg', 8 Aug 2001, (i), WSY0030626
Rhododendron 'Flortepich', 27 Jun 2005, (i), WSY0070153
Rhododendron 'Frentano', 14 Jun 2005, (i), WSY0070134
Rhododendron 'Frieda Diddens', 20 Nov 2002, (pg), WSY0034873
Rhododendron 'Georgette', 12 May 2004, (fl), WSY0051459
Rhododendron 'Glutkissen', 8 Aug 2001, (i), WSY0030628
Rhododendron 'Goldeneye', 22 May 1952, (p), WSY0022402
Rhododendron 'Goldinetta', 8 Aug 2001, (i), WSY0030629
Rhododendron 'Goldkollier', 27 Jun 2005, (i), WSY0070155
Rhododendron 'Goldzweig', 27 Jun 2005, (i), WSY0070157
Rhododendron 'Gordian', 8 Aug 2001, (i), WSY0030630
Rhododendron 'Grumpy', 31 May 2004, (fl), WSY0060756
Rhododendron 'Hachmann's Belona', 12 May 2004, (fl), WSY0051426
Rhododendron 'Hachmann's Eileen', 8 Aug 2001, (i), WSY0030631
Rhododendron 'Hachmann's Fabiola', 21 Aug 2001, (i), WSY0030632
Rhododendron 'Hachmann's Griselda', 21 Aug 2001, (i), WSY0030633
Rhododendron 'Hachmann's Kontiki', 22 Aug 2001, (i), WSY0030634
Rhododendron 'Hachmann's Marlis', 17 May 2001, (fl), WSY0029818
Rhododendron 'Hachmann's Mazurka', 22 Aug 2001, (i), WSY0030635
Rhododendron 'Hachmann's Mercator', 28 Aug 2001, (i), WSY0030636
Rhododendron 'Hachmann's Mikado', 28 Aug 2001, (i), WSY0030637
Rhododendron 'Hachmann's Mirabella', 28 Aug 2001, (i), WSY0030638
Rhododendron 'Hachmann's Parsifal', 28 Aug 2001, (i), WSY0030639
Rhododendron 'Hachmann's Picobello', 14 Jun 2005, (i), WSY0070135
Rhododendron 'Hachmann's Porzellan', 12 May 2004, (fl), WSY0051423
Rhododendron 'Hachmann's Priscilla', 28 Aug 2001, (i), WSY0030640
Rhododendron 'Hachmann's Rosina', 28 Aug 2001, (i), WSY0030641
Rhododendron 'Hachmann's Rosita', 20 May 2004, (fl), WSY0051596
Rhododendron 'Hachmann's Sunny Boy', 10 Sep 2001, (i), WSY0030642
Rhododendron 'Hachmann's Topsy', 28 Aug 2001, (i), WSY0030643
Rhododendron 'Haithabu', 21 Jun 2005, (i), WSY0070141
Rhododendron 'Hans-André Schultz', 27 Jun 2001, (tr), WSY0051710
Rhododendron 'Harkwood Premiere', 22 May 2001, (fl), WSY0029705
Rhododendron 'Herbstgruss', 30 Aug 2001, (i), WSY0030644
Rhododendron 'Hydon Pearl', 17 May 2004, (fl), WSY0051416

Rhododendron 'Hydon Velvet', 12 May 2004, (fl), WSY0051451
Rhododendron 'Ilonka', 30 Aug 2001, (i), WSY0030645
Rhododendron 'Ilze', 15 Feb 2002, (pg), WSY0035066
Rhododendron Intrepid Group, 15 Jul 2005, (fl), WSY0070225
Rhododendron 'Izuotome', 30 Jan 2002, (tr), WSY0031888
Rhododendron 'Jamesee', 20 Aug 2001, (i), WSY0030312
Rhododendron 'Joan O'Rourke', 6 Dec 2002, (pg), WSY0038781
Rhododendron 'Johann Berg', 27 Jun 2001, (tr), WSY0051711
Rhododendron 'Johnny Mack', 6 Dec 2002, (pg), WSY0038784
Rhododendron 'Josi', 22 Feb 2001, (i), WSY0027987
Rhododendron 'Jozef Delvaux', 30 Oct 2002, (pg), WSY0034914
Rhododendron 'July Giant', 15 Jul 2002, (pg), WSY0035293
Rhododendron 'Juniduft', 7 Sep 2001, (i), WSY0030646
Rhododendron 'Juniflair', 21 Jun 2005, (i), WSY0070136
Rhododendron 'Kalamity', 1 Jan 1996, (v), WSY0046145
Rhododendron 'Kalinka', 12 May 2004, (fl), WSY0051597
Rhododendron 'Kangaro', 21 Jun 2005, (i), WSY0070137
Rhododendron 'Kantilene', 16 May 2005, (fl), WSY0060820
Rhododendron 'Karminduft', 7 Sep 2001, (i), WSY0030647
Rhododendron 'Karminkissen', 27 Jun 2005, (i), WSY0070150
Rhododendron 'Kinnor', 28 Jun 2005, (i), WSY0070158
Rhododendron 'Kirstin', 7 Sep 2001, (i), WSY0030648
Rhododendron 'Kita-no-otome', 12 Nov 2001, (tr), WSY0030953
Rhododendron 'Klokke Roeland', 30 Oct 2002, (pg), WSY0034916
Rhododendron 'Kokette', 27 Jun 2005, (i), WSY0070151
Rhododendron 'Kristin Arblaster', 17 Oct 2001, (pg), WSY0030840
Rhododendron 'Lamentosa', 18 May 2004, (fl), WSY0051600
Rhododendron 'Lapoinya Moon', 11 Apr 2002, (pg), WSY0032320
Rhododendron 'Lea Corthout', 20 Nov 2002, (pg), WSY0034874
Rhododendron 'Leon de Clercq', 30 Oct 2002, (pg), WSY0034915
Rhododendron 'Lesley Maloney', 22 Feb 2001, (i), WSY0027986
Rhododendron 'Lisetta', 7 Sep 2001, (i), WSY0030649
Rhododendron 'Lockington Aurora', 22 Feb 2001, (i), WSY0027988
Rhododendron 'Lockington Daisy Belle', 31 Jan 2002, (i), WSY0031921
Rhododendron 'Lockington Wonder', 22 Feb 2001, (i), WSY0027982
Rhododendron 'Macarena', 21 Jun 2005, (i), WSY0070138
Rhododendron 'Maddalena', 21 Jun 2005, (i), WSY0070139
Rhododendron 'Madleen', 7 Sep 2001, (i), WSY0030650
Rhododendron 'Maggie', 28 Jun 2005, (i), WSY0070159
Rhododendron 'Maifeier', 7 Sep 2001, (i), WSY0030651
Rhododendron 'Maischnee', 28 Jun 2005, (i), WSY0070164
Rhododendron 'Malone's Seven Up', 11 Apr 2002, (pg), WSY0032318
Rhododendron 'Marengo', 28 Jun 2005, (i), WSY0070160

Rhododendron 'Margaret Amy', 6 Dec 2002, (pg), WSY0038793
Rhododendron 'Marianka', 21 Jun 2005, (i), WSY0070140
Rhododendron 'Marie Day', 19 Mar 2002, (pg), WSY0035243
Rhododendron 'Marietta', 11 May 2004, (fl), WSY0051433
Rhododendron 'Marinja', 28 Jun 2005, (i), WSY0070165
Rhododendron 'Marylou', 21 Jun 2005, (i), WSY0070142
Rhododendron 'Maspaloma', 21 Jun 2005, (i), WSY0070143
Rhododendron 'Milton's North Star', 16 Jul 2002, (pg), WSY0035248
Rhododendron 'Miner's Gold', 11 Apr 2002, (pg), WSY0032316
Rhododendron 'Moderator', 7 Sep 2001, (i), WSY0030652
Rhododendron 'Mogambo', 21 Jun 2005, (i), WSY0070144
Rhododendron 'Monteverdi', 7 Sep 2001, (i), WSY0030653
Rhododendron 'Morioka-koyuki', 30 Jan 2002, (tr), WSY0031885
Rhododendron 'Mr Rosenthal', Sep 2001, (tr), WSY0035246
Rhododendron 'Nameless Beauty', 21 Aug 2001, (i), WSY0030323
Rhododendron 'Ninotschka', 17 May 2004, (fl), WSY0051418
Rhododendron 'Norma Thornton', 20 Aug 2003, (i), WSY0041864
Rhododendron 'Northern Belle', 6 Dec 2002, (pg), WSY0038783
Rhododendron 'Orange Flirt', 21 Jun 2005, (i), WSY0070145
Rhododendron 'Palermo', 7 Sep 2001, (i), WSY0030654
Rhododendron 'Patricia Mary Sawers', 4 Dec 2002, (pg), WSY0038791
Rhododendron 'Patricia Wilson', 5 Jun 2002, (pg), WSY0033494
Rhododendron 'Peggy Charlotte', 19 Mar 2002, (pg), WSY0035242
Rhododendron 'Penny Tomlin', 29 May 2003, (fl), WSY0041898
Rhododendron 'Pentesilea', 26 Mar 2001, (tr), WSY0051708
Rhododendron 'Peppina', 7 Sep 2001, (i), WSY0030655
Rhododendron 'Peter Winkworth', 15 May 2002, (pg), WSY0033629
Rhododendron 'Pheasant Tail', 31 May 2004, (fl), WSY0060765
Rhododendron 'Phyllis Rees', 5 Jun 2002, (pg), WSY0035250
Rhododendron 'Polly Perfect', 6 Dec 2002, (tr), WSY0038777
Rhododendron 'Pop Garrett', 4 Dec 2002, (pg), WSY0038786
Rhododendron 'Priceless', 6 Dec 2002, (tr), WSY0038776
Rhododendron 'Queen Mum', 30 Oct 2002, (pg), WSY0034927
Rhododendron 'Queen of All', 6 Dec 2002, (tr), WSY0038775
Rhododendron 'Rennie Moffat', 13 May 2002, (fl), WSY0033623
Rhododendron 'Romilda', 7 Sep 2001, (i), WSY0030657
Rhododendron 'Ronny', 27 Jun 2005, (i), WSY0070161
Rhododendron 'Rotraud', 7 Sep 2001, (i), WSY0030658
Rhododendron 'Samtkrone', 21 Jun 2005, (i), WSY0070148
Rhododendron 'Santorina', 21 Jun 2005, (i), WSY0070149
Rhododendron 'Sarastro', 7 Sep 2001, (i), WSY0030659
Rhododendron 'Sardana', 7 Sep 2001, (i), WSY0030660
Rhododendron 'Schneekrone', 9 May 2003, (fl), WSY0043784

Rhododendron 'Schneesturm', 10 Sep 2001, (i), WSY0030661
Rhododendron 'Schneewolke', 20 May 2004, (fl), WSY0051417
Rhododendron 'Schwanensee', 12 May 2004, (fl), WSY0051472
Rhododendron 'Seidenglanz', 10 Sep 2001, (i), WSY0030662
Rhododendron 'September-Flair', 10 Sep 2001, (i), WSY0030663
Rhododendron 'Shiralee', 22 Feb 2001, (i), WSY0027981
Rhododendron 'Signorina', 10 Sep 2001, (i), WSY0030664
Rhododendron 'Silberglanz', 9 May 2005, (fl), WSY0060759
Rhododendron 'Silbervelours', 10 Sep 2001, (i), WSY0030665
Rhododendron 'Silberwolke', 17 May 2004, (fl), WSY0051441
Rhododendron 'Silver Doctor', 9 May 2005, (fl), WSY0060793
Rhododendron 'Simson', 10 Sep 2001, (i), WSY0030666
Rhododendron 'Sleepy', 31 May 2005, (fl), WSY0060758
Rhododendron 'Sneezy', 14 May 2004, (fl), WSY0051412
Rhododendron 'Sonatine', 17 May 2004, (fl), WSY0046887
Rhododendron 'Spring Stripes', 10 Jul 2001, (tr), WSY0029698
Rhododendron 'Star of Woking', 10 May 2004, (fl), WSY0046892
Rhododendron 'Stromy', 27 Jun 2001, (tr), WSY0051709
Rhododendron 'Suirinkan', 12 Nov 2001, (tr), WSY0030950
Rhododendron 'Summer Coral', 23 Jun 2002, (tr), WSY0035295
Rhododendron 'Summer Fire', 4 Jul 2001, (tr), WSY0035296
Rhododendron 'Summer Ivory', 26 Jun 2002, (tr), WSY0033431
Rhododendron 'Summer Lightning', 26 Jun 2002, (tr), WSY0033429
Rhododendron 'Summer Sunray', 26 Jun 2002, (tr), WSY0033433
Rhododendron 'Surrey Heath', 31 May 2005, (fl), WSY0060757
Rhododendron 'Tabata-yae', 30 Jan 2002, (tr), WSY0031890
Rhododendron 'Tantivy Tantivy', 29 Jun 2001, (tr), WSY0029675
Rhododendron 'Taragona', 10 Sep 2001, (i), WSY0030667
Rhododendron 'Tassie Gold', 11 Apr 2002, (pg), WSY0032317
Rhododendron 'Tatjana', 17 May 2001, (fl), WSY0029808
Rhododendron 'Timothy James', 14 May 2004, (fl), WSY0051419
Rhododendron 'Tootsie', 28 Jun 2005, (i), WSY0070166
Rhododendron 'Tripsdrill', 10 Sep 2001, (i), WSY0030668
Rhododendron 'Ulrike Jost', 10 Sep 2001, (i), WSY0030669
Rhododendron 'Uncle Arch', 4 Dec 2002, (pg), WSY0038785
Rhododendron 'Ursine', 10 Sep 2001, (i), WSY0030670
Rhododendron 'Valerie June', 22 Feb 2001, (fl), WSY0027977
Rhododendron 'Wally Miller', 30 Jun 2004, (pg), WSY0051704
Rhododendron 'Widge', Sep 2001, (tr), WSY0035244
Rhododendron 'Winnie Hayes', 30 Nov 2000, (tr), WSY0026822
Rhododendron 'Winter Pink', 31 Jan 2002, (tr), WSY0031930
Rhododendron 'Winterpurpur', 10 Sep 2001, (i), WSY0030671
Rhododendron 'Wisley Pearl', 4 May 2004, (fl), WSY0046424

- Rhododendron* 'Woden's Horse', 29 Jun 2001, (tr), WSY0029676
Rhododendron 'Yaku-yama-sakura', 30 Jul 2002, (tr), WSY0033303
Rhododendron 'Zzub', 20 Aug 2003, (pg), WSY0041863
Rhododendron yakushmanum 'Schneekissen', 28 May 2004, (fl), WSY0051446
Roscoea purpurea Sm. 'Wisley Amethyst', 25 Jun 2004, (fl), WSY0051543
Rudbeckia laciniata L. 'Starcadia Razzle Dazzle', 8 Aug 2001, (fl), WSY0037287
Rudbeckia subtomentosa Pursh 'Loofahsa Wheaten Gold', 13 Sep 2002, (fl),
 WSY0037335
Saxifraga × *caroli-langii* Z.Zvolánek 'Verona', 2004, (fl), WSY0070256
Saxifraga 'Coombe White', 22 Mar 1927, (p), WSY0021758
Saxifraga (Southside Seedling Group) 'Southside Star', 17 Jun 2002, (fl),
 WSY0043542
Schizostylis coccinea Backh. & Harv. 'Fenland Daybreak', 19 Nov 2001, (fl),
 WSY0031783
Schizostylis coccinea Backh. & Harv. 'Mollie Gould', 7 Sep 1982, (fl),
 WSY0070289
Sorbus 'Joseph Rock', 31 May 1976, (fl), WSY0047333
Spigelia marilandica (L.) L. 'Wisley Jester', 3 Jun 2004, (fl), WSY0051746
Streptocarpus 'Caitlin', 24 May 2004, (fl), WSY0051520
Streptocarpus 'Crystal Blush', 5 Mar 2003, (fl), WSY0040247
Streptocarpus 'Crystal Wonder', 25 Jun 2004, (fl), WSY0068842
Streptocarpus 'Gwen', 24 May 2004, (fl), WSY0051527
Streptocarpus 'Nerys', 24 May 2004, (fl), WSY0051515
Streptocarpus 'Nia', 24 May 2004, (fl), WSY0051536
Streptocarpus 'Stephanie', 25 Jun 2004, (fl), WSY0070095
Verbascum 'Hyde Hall Sunrise', 18 May 2004, (fl), WSY0051510
Viburnum × *bodnantense* Stearn 'Dawn', 2 Dec 1947, (p), WSY0021899
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