

## Botanical classification

Updated December 2016

The following classification of the genus *Narcissus* is based on that outlined by A. Fernandes in the *Daffodil and Tulip Year Book* (1968). It has been amended to take account of the publication of many new taxa since 1968 as well as some reassessment of the rank at which those previously recognized were treated. It is the taxonomy and nomenclature employed by the Royal Horticultural Society in the preparation of the *International Daffodil Register*.

However, there is pressing need for a thorough and careful revision on a much larger scale than that which has been undertaken for this or any other recent editions of the Register. The genus *Narcissus*, whose centre of diversity is in the Iberian peninsula, is very variable in the wild, in part due to the readiness with which populations hybridize. This has led to increasing uncertainty and difference of opinion over delimitation of species, a plethora of infraspecific entities and multiple recent hybrid taxa. While the genus is not large, its horticultural importance means that many contributions have been made to the taxonomy and many names introduced. Surprisingly, however, there has been no botanical treatment of the genus as a whole since 1875. In both botanical and horticultural circles, from both academic and commercial points of view, there is broad agreement that an up-to-date and definitive monograph grounded in morphology, DNA and genetics would be of enormous value. It is sincerely hoped that work on a monograph might be initiated before too long, with the active collaboration of all taxonomists with an interest in *Narcissus*, especially including those in Spain and Portugal.

Note: A number of infraspecific hybrid taxa listed in the Register would, under the Code of Botanical Nomenclature, be termed nothotaxa. Here, however, the decision was taken that for greater clarity the prefix notho- would not be used as its meaning was not widely understood.

### SECTION TAPEINANTHUS (Herbert) Traub

*cavanillesii* Barra & López

### SECTION SEROTINI Parlature

*miniatus* Donnison-Morgan, Koopowitz & Zonneveld

*serotinus* Linnaeus

var. *serotinus*

var. *deficiens* (Herbert) Baker

var. *emarginatus* Chabert

### SECTION AURELIA (Gay) Baker

*broussonetii* Lagasca

f. *broussonetii*

f. *grandiflorus* (Battandier & Trabut) Maire

### SECTION TAZETTAE de Candolle

*barlae* Parlature

*bertolonii* Parlature

var. *bertolonii*

var. *algericus* (M. Roemer) Maire & Weiller

var. *discolor* (Jordan & Fourreau) Battandier

var. *primulinus* Maire

× *cadevallii* Sennen (*italicus* × *tazetta*)  
 × *cardonae* Lloret i Sabaté & Fernández Casas (*dubius* × *tazetta*)  
*canariensis* Burbidge  
*cypri* (Haworth) Sweet  
*dubius* Gouan  
     var. *dubius*  
     var. *micranthus* (Jordan & Fourreau) Ascherson & Graebner  
*elegans* (Haworth) Spach  
     var. *elegans*  
         f. *elegans*  
         f. *auranticoronatus* Maire  
     var. *fallax* Font Quer  
     var. *flavescens* Maire  
     var. *intermedius* Gay  
     var. *oxypetalus* (Boissier) Maire  
*italicus* Ker Gawler  
*pachybolbus* Durieu de Maisonneuve  
*panizzianus* Parlatore  
*papyraceus* Ker Gawler  
*patulus* Loiseleur-Deslongchamps  
*polyanthos* Loiseleur-Deslongchamps  
*puccinellii* Parlatore  
 × *rogendorffii* Battandier (*elegans* × *tazetta*)  
*rotularis* (Haworth) Spach  
*tazetta* Linnaeus  
     subsp. *tazetta*  
     subsp. *aureus* (Loiseleur-Deslongchamps) Baker  
     subsp. *corcyrensis* (Herbert) Baker  
     subsp. *gussonei* (Rouy) Maire  
     subsp. *lacticolor* Baker  
     subsp. *ochroleucus* (Loiseleur-Deslongchamps) Baker  
*tortifolius* Fernández Casas

## SECTION NARCISSUS

*poeticus* Linnaeus  
     var. *poeticus*  
     var. *hellenicus* (Pugsley) A.Fernandes  
     var. *majalis* (Curtis) A.Fernandes  
     var. *physaloides* Beauverd  
     var. *recurvus* (Haworth) A.Fernandes  
     var. *verbanensis* Herbert  
*radiiflorus* Salisbury  
     var. *radiiflorus*  
     var. *extertus* (Haworth) A.Fernandes  
     var. *poetarum* (Haworth) Burbidge & Baker  
     var. *stellaris* (Haworth) A.Fernandes

## SECTION JONQUILLA de Candolle

× *algarbiensis* Fernández Casas (*gaditanus* × *willkommii*)  
*assoanus* Dufour ex Schultes & Schultes f.  
     subsp. *assoanus*  
         var. *assoanus*  
         var. *palairensis* (Romo) Barra  
         var. *pallens* (Freyn ex Willkomm) Fernández Casas  
         var. *parviflorus* (Pau) Barra  
     subsp. *praelongus* Barra & López  
*fernandesii* Pedro  
     var. *fernandesii*  
     var. *cordubensis* (Fernández Casas) Fernández Casas  
     var. *major* A.Fernandes  
*gaditanus* Boissier & Reuter

*jonquilla* Linnaeus  
var. *jonquilla*  
var. *henriquesii* Sampaio  
var. *minor* (Haworth) Baker  
var. *stellaris* Baker  
*minutiflorus* Willkomm  
*rivasmartinezii* Fernández Casas  
*viridiflorus* Schousboe  
*willkommii* (Sampaio) A.Fernandes

#### **SECTION APODANTHI A.Fernandes**

*albimarginatus* D. & U.Müller-Doblies  
*atlanticus* Stern  
*calcicola* Mendonça  
*cuatrecasasii* Fernández Casas, Laínz & Ruiz Rejón  
var. *cuatrecasasii*  
var. *segimonensis* Fernández Casas  
*rupicola* Dufour  
subsp. *rupicola*  
subsp. *marvieri* (Jahandiez & Maire) Maire & Weiller  
subsp. *watieri* (Maire) Maire & Weiller  
*scaberulus* Henriques

#### **SECTION GANYMEDES (Haworth) Schultes f.**

*triandrus* Linnaeus  
subsp. *triandrus*  
var. *triandrus*  
var. *alejandrei* Barra  
var. *concolor* (Haworth) Link  
var. *loiseleurii* (Rouy) A.Fernandes  
var. *pulchellus* (Salisbury) Baker  
subsp. *lusitanicus* (Dorda Alcaraz & Fernández Casas) Barra  
subsp. *pallidulus* (Graells) Rivas Goday  
var. *pallidulus*  
var. *paivae* Barra

#### **SECTION BULBOCODIUM de Candolle**

*bulbocodium* Linnaeus  
subsp. *bulbocodium*  
var. *bulbocodium*  
var. *citrinus* Baker  
var. *conspicuus* (Haworth) Baker  
var. *ectandrus* Barra & López  
var. *graellsii* (P.B.Webb) Baker  
var. *nivalis* (Graells) Baker  
var. *pallidus* (Gattefossé & Weiller) Maire & Weiller  
var. *serotinus* (Haworth) A.Fernandes  
var. *tenuifolius* (Salisbury) Baker  
subsp. *obesus* (Salisbury) Maire  
subsp. *praecox* Gattefossé & Weiller  
var. *praecox* (*eu-praecox* in Maire)  
var. *paucinervis* Maire  
subsp. *quintanilhae* A.Fernandes  
subsp. *validus* Barra  
*cantabricus* de Candolle  
subsp. *cantabricus*  
var. *cantabricus*  
var. *eu-albidus* Emberger & Maire  
var. *foliosus* (Maire) A.Fernandes  
var. *kesticus* (Maire & Wilczec) A.Fernandes

var. *petunioides* A.Fernandes  
 subsp. *luteolentus* Barra & López  
 subsp. *monophyllus* (Durieu de Maisonneuve) A.Fernandes  
 subsp. *tananicus* (Maire) A.Fernandes  
*hedraeanthus* (P.B.Webb & Heldreich) Colmeiro  
*hesperidis* Fernández Casas  
*jacquemoudii* Fernández Casas  
*jeanmonodii* Fernández Casas  
*juressianus* Fernández Casas  
 × *neocarpitanus* Rivas Ponce, C.Soriano & Fernández Casas (*bulbocodium* [as var. *nivalis*?] × *cantabricus*)  
*peroccidentalis* Fernández Casas  
*romieuxii* Braun-Blanquet & Maire  
 subsp. *romieuxii*  
 var. *romieuxii*  
 var. *mesatlanticus* Maire  
 var. *rifanus* (Emberger & Maire) A.Fernandes  
 subsp. *albidus* (Emberger & Maire) A.Fernandes  
 var. *albidus*  
 var. *zaianicus* (Maire, Weiller & Wilczec) A.Fernandes  
*subnivalis* Fernández Casas  
*tingitanus* Fernández Casas

## SECTION PSEUDONARCISSUS de Candolle

*abscissus* (Haworth) Schultes & Schultes f.  
 var. *abscissus*  
 var. *graciliflorus* Pugsley  
 var. *serotinus* (Jordan) Pugsley  
 var. *tubulosus* (Jordan) Pugsley  
*alcaracensis* Ríos, D.Rivera, Alcaraz & Obón  
 × *aloyisii-villarii* Fernández Casas (*alpestris* × *jacetanus*)  
*alpestris* Pugsley  
*asturiensis* (Jordan) Pugsley  
 var. *asturiensis*  
 var. *brevicoronatus* Pugsley  
 var. *villarvildensis* Díaz González & Fernández Prieto  
*bicolor* Linnaeus  
 var. *bicolor*  
 var. *concolor* Barra  
 var. *lorifolius* (Salisbury) Pugsley  
 × *confinalensis* Uribe-Echebarría & Urrutia (*asturiensis* × *primigenius*)  
*confusus* Pugsley  
*cyclamineus* de Candolle  
 × *dichromus* P.D.Sell (*cyclamineus* × *moschatus*)  
 × *dordae* Fernández Casas (*abscissus* × *macrolobus*)  
*enemerittoi* (Sánchez-Gómez, Carrillo, Hernández, Carrión-Vilches & Güemes) Sánchez-Gómez, Carrillo, Hernández, Carrión-Vilches & Güemes  
*eugeniae* Fernández Casas  
*fontqueri* Fernández Casas & Rivas Ponce  
*gayi* Pugsley  
 var. *gayi*  
 var. *praelongus* (Jordan) Pugsley  
*hispanicus* Gouan  
 subsp. *hispanicus*  
 var. *hispanicus*  
 var. *concolor* (Jordan) Pugsley  
 var. *propinquus* (Salisbury) Pugsley  
 var. *spurius* (Haworth) Pugsley  
 subsp. *bujei* (Fernández Casas) Fernández Casas  
*jacetanus* Fernández Casas  
 subsp. *jacetanus*  
 subsp. *vasconicus* (Fernández Casas) Fernández Casas

*lagoi* Merino  
*lobularis* (Haworth) Schultes & Schultes f.  
*longispathus* Pugsley  
*macrolobus* (Jordan) Pugsley  
 × *martinoae* Nava & Fernández Casado (*asturiensis* × *pallidiflorus*)  
 × *mikelii-lordae* Fernández Casas (*jacetanus* × *varduliensis*)  
*minor* Linnaeus  
     var. *minor*  
     var. *conspicuus* Haworth  
     var. *minimus* (Haworth) Pugsley  
     var. *pumilus* (Salisbury) A.Fernandes  
*moleri* Fernández Casas  
 × *monochromus* P.D.Sell (*cyclamineus* × *pseudonarcissus*)  
*moschatus* Linnaeus  
*nanus* (Haworth) Spach  
*nevadensis* Pugsley  
*nobilis* (Haworth) Schultes & Schultes f.  
     var. *nobilis*  
     var. *leonensis* (Pugsley) A.Fernandes  
*obvallaris* Salisbury  
*pallidiflorus* Pugsley  
     var. *pallidiflorus*  
         f. *pallidiflorus*  
         f. *asturicus* (Barr) Pugsley  
     var. *intermedius* Pugsley  
*parviflorus* (Jordan) Pugsley  
*perez-chiscanoi* Fernández Casas  
 × *petri-mariae* Fernández Casas (*pallidiflorus* × *provincialis*)  
*portensis* Pugsley  
     var. *portensis*  
     var. *albido-tepaloideus* A.Fernandes, Leitão & Aguiar  
*primigenius* (Fernández Suárez ex Laínz) Fernández Casas & Laínz  
*provincialis* Pugsley  
     var. *provincialis*  
     var. *bicolorans* Pugsley  
*pseudonarcissus* Linnaeus  
     subsp. *pseudonarcissus*  
         var. *pseudonarcissus*  
         var. *festinus* (Jordan) Pugsley  
         var. *humilis* Pugsley  
         var. *insignis* Pugsley  
         var. *minoriformis* Pugsley  
         var. *montinus* (Jordan) Pugsley  
         var. *pisanus* (Pugsley) A.Fernandes  
         var. *platylobus* (Jordan) Pugsley  
         var. *porrigens* (Jordan) Pugsley  
     subsp. *calcicarpetus* (Fernández Casas) Fernández Casas  
     subsp. *munozii-garmendiae* (Fernández Casas) Fernández Casas  
     subsp. *pugsleyanus* Barra & López  
*radinganorum* Fernández Casas  
*segurensis* Ríos, D.Rivera, Alcaraz & Obón  
*tortuosus* (Haworth) Spach  
*varduliensis* Fernández Casas & Uribe-Echebarría  
*yepesii* Ríos, D.Rivera, Alcaraz & Obón

## INTERSECTIONAL HYBRIDS

× *abilioi* Fernández Casas (*bulbocodium* × *fernandesii*)  
 × *alejandrei* Fernández Casas (*bulbocodium* [as subsp. *bulbocodium* var. *citrinus*] × *jacetanus* [as subsp. *vasconicus*])  
 × *alleniae* Donnison-Morgan (*serotinus* × *viridiflorus*)  
 × *andorranus* Fernández Casas (*nobilis* × *poeticus* [as var. *poeticus*])  
 × *aranensis* Fernández Casas (*pallidiflorus* × *poeticus* [as var. *poeticus*])

- × *bakeri* Richter (*bulbocodium* × *pseudonarcissus*)
- × *bernardii* de Candolle ex Hénon (*hispanicus* × *poeticus*)
- × *boutignyanus* Philippe (*moschatus* × *poeticus*)
- × *brevitubulosus* A.Fernandes (*asturiensis* × *bulbocodium* [as var. *nivalis*])
- × *buxtonii* Richter (*abscissus* × *assoanus*)
- × *caramulensis* Pedro Ribeiro, Jorge Paiva & Helena Freitas (*bulbocodium* × *cyclamineus*)
- × *carringtonii* Rozeira (*scaberulus* × *triandrus* [as subsp. *pallidulus*])
- × *cazorlanus* Fernández Casas (*hedraeanthus* × *triandrus* [as subsp. *pallidulus*])
- × *chevassutii* Gorenflot, Guinochet & Quézel (*bertolonii* × *serotinus*)
- × *cyclazetta* Chater & Stace (*cyclamineus* × *tazetta*)
- × *felineri* Fernández Casas (*bulbocodium* × *primigenius*)
- × *fenzii* Sprenger (*cypri* × *pseudonarcissus*)
- × *fosteri* Lynch (*bulbocodium* [as var. *citrinus*] × *triandrus*)
- × *galdoanus* Fernández Casas (*nobilis* × *triandrus*)
- × *georgemawii* Fernández Casas (*elegans* × *viridiflorus*)
- × *gredensis* Fernández Casas (*bulbocodium* [as var. *nivalis*] × *rupicola*)
- × *hannibalis* A.Fernandes (*hispanicus* × *triandrus* [as subsp. *lusitanicus*])
- × *incomparabilis* Miller (*hispanicus* × *poeticus*, or *poeticus* × *pseudonarcissus*)
- × *incurvicervicus* Barra & López (*fernandesii* × *triandrus* [as subsp. *pallidulus*])
- × *infundibulum* Poiret (*abscissus* × *jonquilla*)
- × *intermedius* Loiseleur-Deslongchamps (*jonquilla* × *tazetta*)
- × *koshinomurae* Fernández Casas (*fernandesii* × *panizzianus*)
- × *laetus* Salisbury (*minor* × *jonquilla*)
- × *libarensis* Sánchez García & Martínez Ortega (*cuatrecasasii* × *papyraceus*)
- × *litigiosus* del Amo (*cantabricus* × *triandrus* [as var. *concolor*])
- × *lopezii* Fernández Casas (*bulbocodium* × "*obvallaris*")
- × *macleayi* Lindley (parentage unknown)
- × *maginae* Fernández Casas & Susanna (*cuatrecasasii* × *triandrus* [as subsp. *pallidulus*])
- × *magnenii* Rouy (*assoanus* × *tazetta*)
- × *margaritae* Sprenger (*papyraceus* × *pseudonarcissus*)
- × *medioluteus* Miller (*poeticus* × *tazetta*)
- × *montcaunicus* Fernández Casas (*bulbocodium* × *eugeniae*)
- × *montserratii* Fernández Casas & Rivas Ponce (*abscissus* × *poeticus*)
- × *nutans* Haworth (*jonquilla* × *triandrus*)
- × *obsoletus* (Haworth) Spach (*elegans* × *serotinus*)
- × *odorus* Linnaeus (*jonquilla* × *pseudonarcissus* [or *hispanicus*?])
- × *oiarbidei* Uribe-Echebarría Díaz & Fernández Casas (*assoanus* × *jacetanus*)
- × *pacensis* Fernández Casas (*confusus* × *triandrus* [as subsp. *pallidulus*])
- × *paedagogorum* Nava & Fernández Casado (*pallidiflorus* × *triandrus*)
- × *perezlarae* Font Quer (*cavanillesii* × *serotinus*)
- × *poculiformis* Salisbury (*dubius* × *moschatus*)
- × *ponsii-sorollae* Fernández Casas (*assoanus* × *triandrus* [as subsp. *pallidulus*])
- × *pravianoii* Fernández Casas (*primigenius* × *triandrus*)
- × *pugsleyi* Fernández Casas (*alpestris* × *assoanus*)
- × *pujolii* Font Quer (*assoanus* × *dubius*)
- × *rafaelii* Patino & Uribe-Echebarría (*assoanus* × *eugeniae*)
- × *romoi* Fernández Casas (*cantabricus* × *fernandesii*)
- × *rupidulus* Fernández Casas & Susanna (*rupicola* × *triandrus* [as subsp. *pallidulus*])
- × *somedanus* Fernández Casado, Nava & Suárez Pérez (*asturiensis* [as var. *villarvildensis*] × *triandrus*)
- × *souliei* Guétrot (*assoanus* × *poeticus*)
- × *stenanthus* (Lange) Fernández Casas (*bulbocodium* [as var. *nivalis*] × *confusus*)
- × *taitii* Henriques (*pseudonarcissus* × *triandrus* [as subsp. *pallidulus*])
- × *tenuior* Curtis (*jonquilla* × *poeticus* [assumed])
- × *trilobus* Linnaeus (*bicolor* × *jonquilla*)
- × *tuckeri* Barra & López (*fernandesii* × *hedraeanthus*)
- × *turgaliensis* Dorda Alcaraz & Fernández Casas (*bulbocodium* [as subsp. *bulbocodium* var. *conspicuus*] × *jonquilla*)
- × *urrutiae* Fernández Casas & Uribe-Echebarría Díaz (*pseudonarcissus* [as subsp. *munozii-garmendiae*] × *rupicola*)
- × *vallrutae* Barra (*bicolor* [as var. *concolor*] × *N. poeticus*)
- × *victoriae* Sprenger (*pseudonarcissus* × *tazetta* [as subsp. *aureus*])
- × *xanthochlorus* Fernández Casas (*cavanillesii* × *viridiflorus*)

- × *xavieri* Nava & Fernández Casado (*bulbocodium* [as subsp. *bulbocodium* var. *citrinus*] × *pallidiflorus*)
- × *zorrakinii* Fernández Casas, Patino Sánchez, Valencia Janices & Uribe-Echebarría Díaz (*bulbocodium* [as *N. turgidus*] × *nobilis* [as var. *leonensis*])