

# *Jumping through the hoops: the challenges of daffodil (Narcissus) classification*

Article

Supplemental Material

Table S2

Könyves, K., David, J. and Culham, A. ORCID:  
<https://orcid.org/0000-0002-7440-0133> (2019) Jumping  
through the hoops: the challenges of daffodil (Narcissus)  
classification. Botanical Journal of the Linnean Society, 190  
(4). pp. 389-404. ISSN 0024-4074 doi:  
10.1093/botlinnean/boz032 Available at  
<https://centaur.reading.ac.uk/85267/>

It is advisable to refer to the publisher's version if you intend to cite from the work. See [Guidance on citing](#).

To link to this article DOI: <http://dx.doi.org/10.1093/botlinnean/boz032>

Publisher: Oxford University Press

All outputs in CentAUR are protected by Intellectual Property Rights law, including copyright law. Copyright and IPR is retained by the creators or other copyright holders. Terms and conditions for use of this material are defined in the [End User Agreement](#).

[www.reading.ac.uk/centaur](http://www.reading.ac.uk/centaur)

**CentAUR**

Central Archive at the University of Reading

Reading's research outputs online

**Table S2.** Geographic location or source, and voucher information of *Narcissus* samples. N = number of individuals included in the chloroplast DNA analysis; N/K = not known; N/A = not applicable.

| Species                      | N | Location/Source                                      | Coordinates       | Voucher |
|------------------------------|---|------------------------------------------------------|-------------------|---------|
| <b><i>Apodanthi</i></b>      |   |                                                      |                   |         |
| <i>N. cuatre Casasii</i>     | 1 | Mancha Real, Spain                                   | N/K               | RNG     |
|                              | 1 | Mirador de Castilnegro, Spain                        | 39°01' N; 4°33' W | RNG     |
|                              | 5 | Poço do Inferno, Portugal                            | 40°23' N; 7°32' W | K       |
| <i>N. rupicola</i>           | 5 | Reserva de insectos, Spain                           | 40°19' N; 5°47' W | K       |
|                              | 1 | commercial source, Broadleigh Bulbs                  | N/A               | RNG     |
| <i>N. scaberulus</i>         | 1 | Girabolhos, Portugal                                 | 40°29' N; 7°45' W | K       |
| <b><i>Aurelia</i></b>        |   |                                                      |                   |         |
| <i>N. broussonetii</i>       | 1 | commercial source, Miniature Bulbs                   | N/A               | RNG     |
| <b><i>Jonquillae</i></b>     |   |                                                      |                   |         |
| <i>N. assoanus</i>           | 1 | Ermita Virgen de la Sierra, Spain                    | 37°28' N; 4°22' W | RNG     |
|                              | 1 | N/K                                                  | N/K               | RNG     |
|                              | 1 | Puerto de Majalinos, Spain                           | 40°45' N; 0°36' W | RNG     |
| <i>N. jonquilla</i>          | 3 | Rio Ayuela                                           |                   | K       |
|                              | 1 | Road CR-5044 towards San Lorenzo de Calatrava, Spain | 39°01' N; 4°33' W | RNG     |
|                              | 1 | commercial source, Quality Daffodils                 | N/A               | RNG     |
| <i>N. viridiflorus</i>       | 1 | c. 45km NNE of Kenitra, Morocco                      | N/K               | RNG     |
| <b><i>Braxireon</i></b>      |   |                                                      |                   |         |
| <i>N. cavanillesii</i>       | 1 | Taforalt to Grotte du Chameau, Morocco               | N/K               | RNG     |
| <b><i>Ganymedes</i></b>      |   |                                                      |                   |         |
| <i>N. triandrus</i>          | 1 | BW Hornachos & Puebla de la Reina, Spain             | 38°35' N; 6°04' W | RNG     |
|                              | 1 | Mancha Real, Spain                                   | N/K               | RNG     |
|                              | 1 | Mirador de Castilnegro, Spain                        | 39°01' N; 4°33' W | RNG     |
|                              | 1 | Quinta dos Bernardos, Portugal                       | 40°46' N; 7°02' W | K       |
|                              | 2 | Serra do Caramulo, Portugal                          | 40°37' N; 8°11' W | RNG     |
|                              | 4 | Sierra de la Garza, Spain                            | 38°44' N; 6°03' W | K       |
| <b><i>Pseudonarcissi</i></b> |   |                                                      |                   |         |
| <i>N. asturiensis</i>        | 1 | Alto de Cebreiro, Spain                              | 42°42' N; 7°2' W  | K       |
|                              | 3 | Lagoa Comprida, Portugal                             | 40°21' N; 7°39' W | K       |
|                              | 4 | Montes de Lóuzara, Spain                             | 42°41' N; 7°5' W  | RNG     |
| <i>N. cyclamineus</i>        | 1 | Nogueira, Portugal                                   | 40°37' N; 8°10' W | RNG     |
|                              | 2 | Pedrouzo, Spain                                      | 42°53' N; 8°21' W | RNG     |

|                                      |   |                                                    |                   |     |
|--------------------------------------|---|----------------------------------------------------|-------------------|-----|
| <i>N. cf.</i>                        | 5 | Reserva de insectos, Spain                         | 40°19' N; 5°47' W | K   |
| <i>pseudonarcissus</i>               | 3 | Sierra de la Conde, Spain                          | 38°44' N; 6°03' W | K   |
|                                      | 5 | Sierra de la Garza, Spain                          | 38°44' N; 6°03' W | K   |
| <i>N. bujei</i>                      | 1 | Ermita Virgen de la Sierra, Spain                  | 37°28' N; 4°22' W | RNG |
|                                      | 1 | Puerto de la Mata, Spain                           | 37°44' N; 3°30' W | RNG |
| <i>N. jacetanus</i>                  | 1 | commercial source, B. Duncan                       | N/A               | RNG |
| <i>N. nobilis</i>                    | 5 | BW Videmonte & Prados, Portugal                    | 40°32' N; 7°23' W | K   |
| <i>N. obvallaris</i>                 | 1 | commercial source, Broadleigh<br>Bulbs             | N/A               | RNG |
| <i>N. perez-chiscanoi</i>            | 1 | commercial source, B. Duncan                       | N/A               | RNG |
| <i>N. segurensis</i>                 | 1 | commercial source, B. Duncan                       | N/A               | RNG |
| <i>N. yepesii</i>                    | 1 | commercial source, B. Duncan                       | N/A               | RNG |
| <b><i>Dubii</i></b>                  |   |                                                    |                   |     |
| <i>N. tortifolius</i>                | 1 | Grazalema, Spain                                   | N/K               | RNG |
| <b><i>Angustifolii</i></b>           |   |                                                    |                   |     |
| <i>N. elegans</i>                    | 1 | NNE of Souk-El-Arbaa-du-Rharb,<br>Morocco          | N/K               | RNG |
| <b><i>Tazettae</i></b>               |   |                                                    |                   |     |
| <i>N. papyraceus</i>                 | 2 | BW Almogía & Villanueva de la<br>Concepción, Spain | 36°52' N; 4°32' W | RNG |
|                                      | 1 | Alconera, Spain                                    | 38°2' N; 6°27' W  | K   |
| <b><i>Intersectional hybrids</i></b> |   |                                                    |                   |     |
| <i>N. × alleniae</i>                 | 1 | N/K                                                | N/K               | RNG |
| <i>N. × intermedius</i>              | 1 | commercial source, Broadleigh<br>Bulbs             |                   | RNG |

---