# Supporting Information

***AoB Plants***

**Incidence and evolutionary relevance of autotriploid cytotypes in a relict member of the genus *Daphne* (Thymelaeaceae)**

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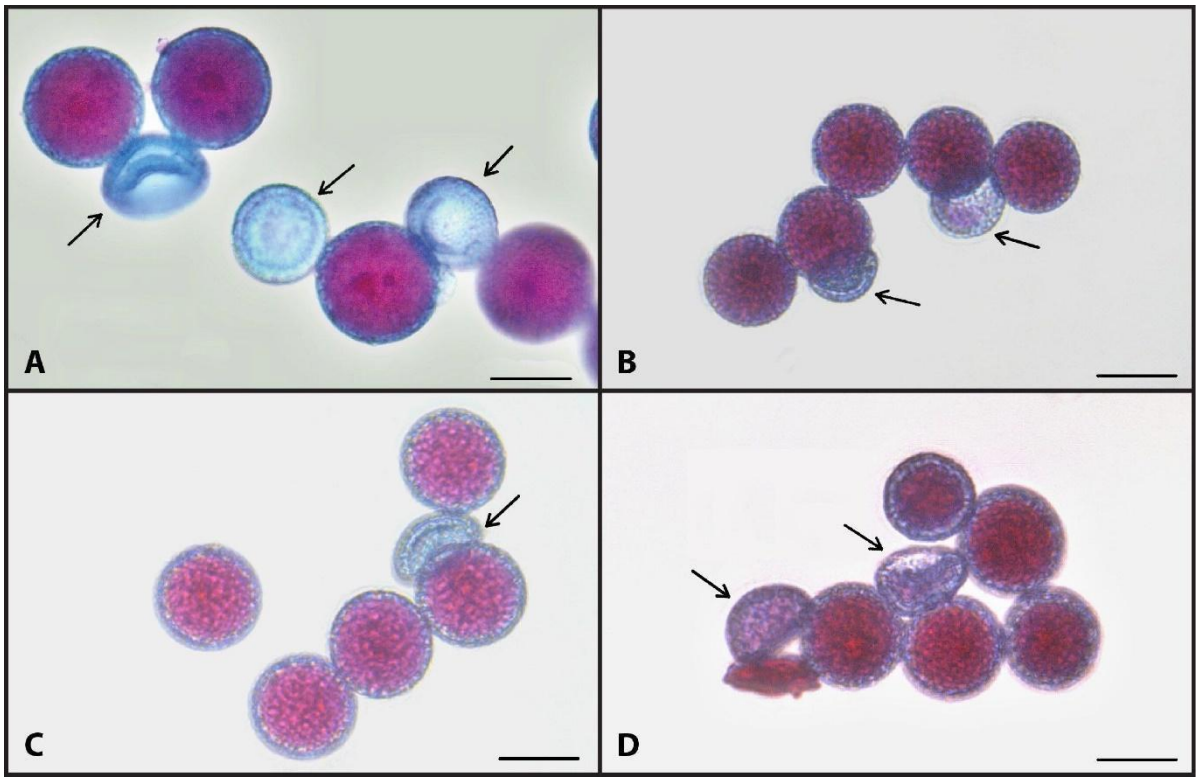
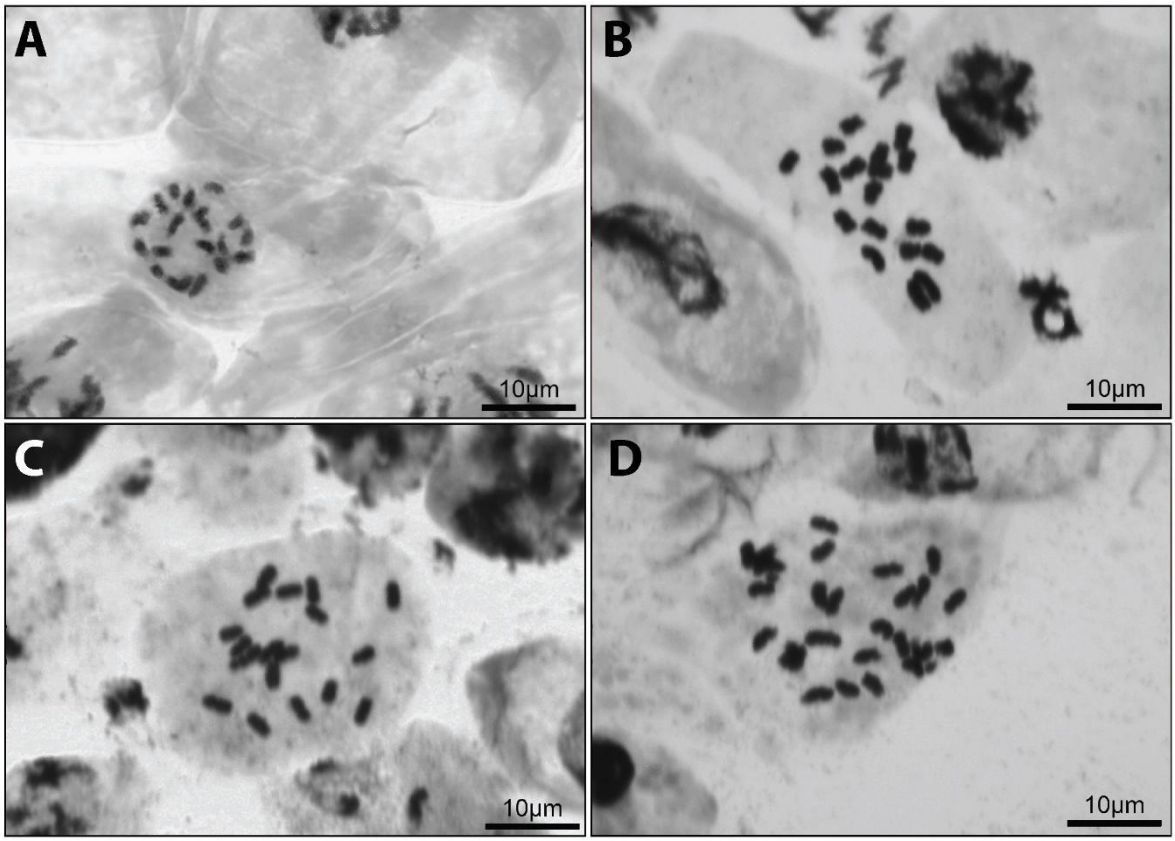
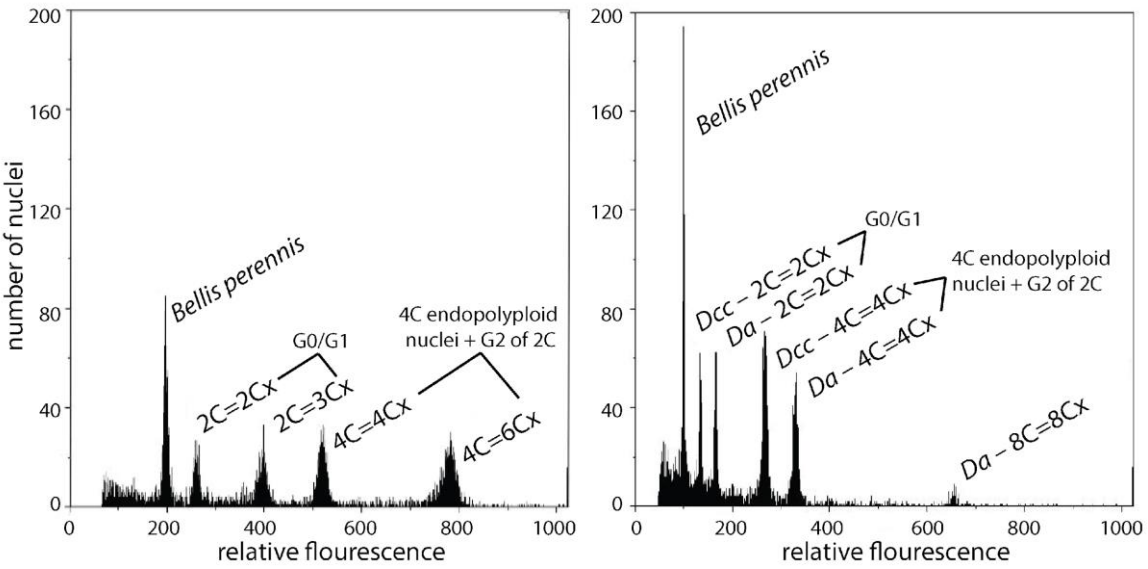
**Supporting Information_Figures**



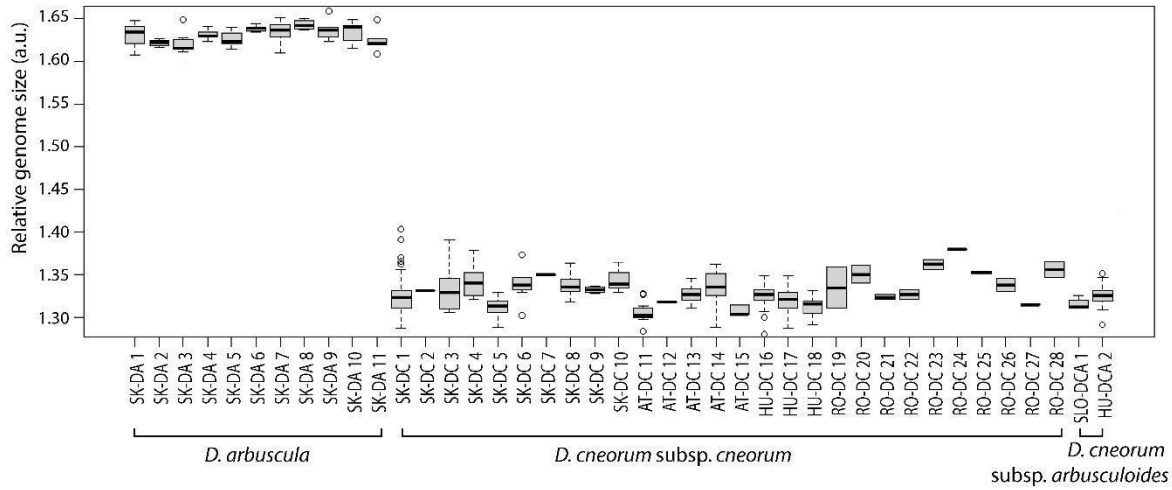

**Supporting Information Figure S1.** Stained pollen grains of studied *Daphne* taxa considered as viable (magenta-red) and non-viable (blue-green): (A) *Daphne arbuscula*; (B) *D. cneorum* subsp. *arbusculoides*; (C) *D. cneorum* subsp. *cneorum* diploid; (D) *D. cneorum* subsp. *cneorum* triploid. The arrow indicates non-viable pollen grains; scale bar = 20 μm.



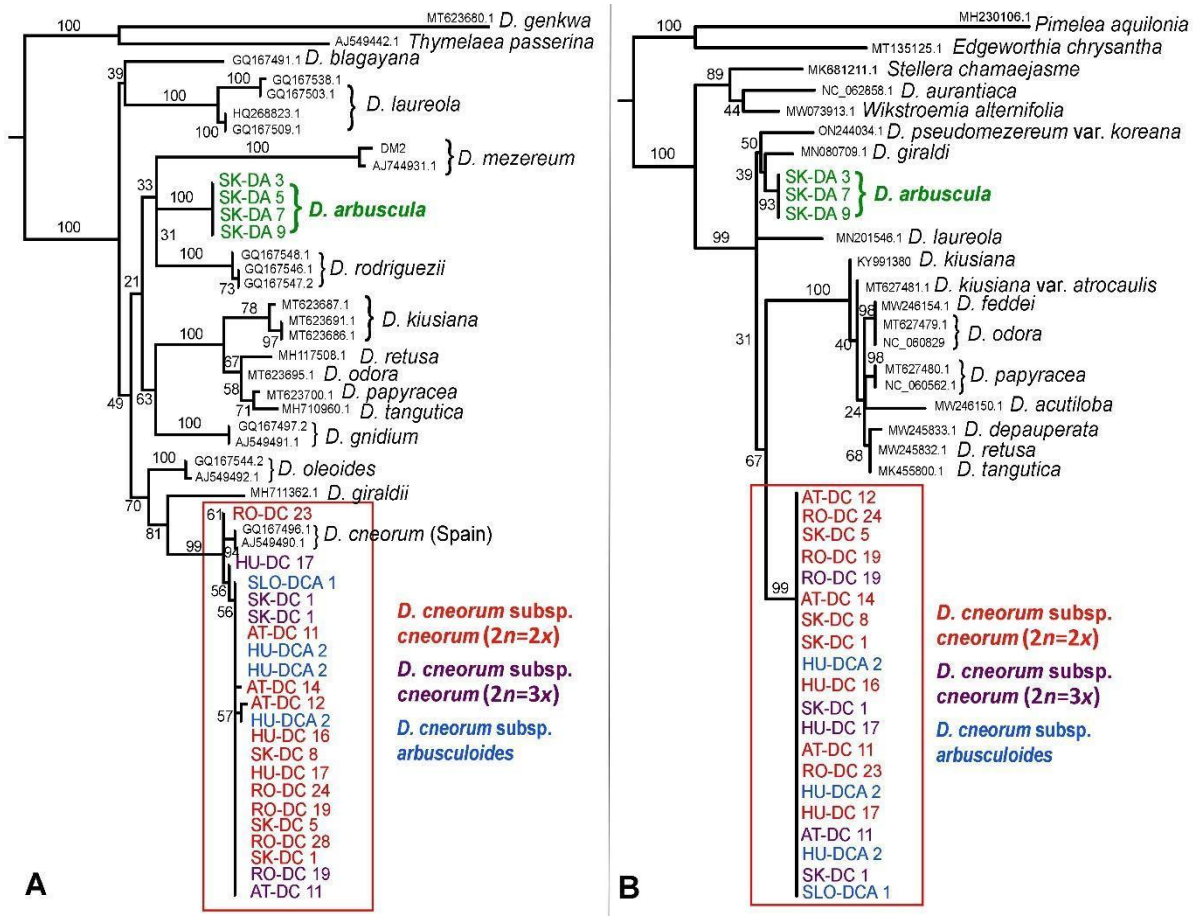

**Supporting Information Figure S2.** Microphotographs of chromosome mitotic metaphase of studied *Daphne* taxa: (A) *Daphne arbuscula* (SK-DA 9), 2*n* = *2x* = 18; (B) *D. cneorum* subsp. *arbusculoides* (HU-DCA 2), 2*n* = *2x* = 18; (C) *D. cneorum* subsp. *cneorum* (SK-DC 8), 2*n* = *2x* = 18; (D) *D. cneorum* subsp. *cneorum* (SK-DC 1) 2*n* = *3x* = 27; scale bar = 10 µm.




**Supporting Information Figure S3.** Differences in relative genome size of studied *Daphne* taxa: (A) diploid and triploid individuals of *D. cneorum* subsp. *cneorum*; (B) diploid individuals of *Daphne arbuscula* and *D. cneorum* subsp. *cneorum.* Nuclei from all individuals were isolated, stained with DAPI and analysed simultaneously.




**Supporting Information Figure S4.** Boxplots of relative genome sizes for populations of studied *Daphne* taxa. Minimum, first quartile, median (thick line), third quartile, maximum, and outlier values (dots) are shown. Population codes of samples follow Supporting Information—Table S1.




**Supporting Information Figure S5.** Maximum likelihood analyses as recovered by RaxML: (A) phylogeny based on sequences of the ITS1-5.8S-ITS2 region of nuclear ribosomal DNA; (B) phylogeny based on sequences of the *ndhF-rpl32* region of chloroplast DNA. A combination of sequences generated within this study and those retrieved from GenBank were used in both phylogenies. Bootstrap values are indicated near the branches. Population codes of samples generated in this study follow Supporting Information—Table S1.

**Supporting Information Table S1.** Details of localities, genome size values, chromosome numbers, pollen viability, and number of flowers in inflorescences for sampled populations of *Daphne* taxa from the present study. Abbreviations: RGS – relative genome size based on DAPI measurements [a.u.]; AGS – absolute genome size 2*C* DNA values [pg]; CN – chromosome number; N – number of analysed individuals per population; SD – standard deviation. Collector abbreviations: AI – Adrian Indreica, BIH – Bogdan-Iuliu Hurdu, DB – Drahoš Blanár, EGŠ – Eliška Gbúrová Štubňová, IMS – Ioana-Minodora Sîrbu, IT – Ingrid Turisová, JK – Jaromír Kučera, MS – Marek Slovák, PT – Peter Turis, ZG – Zuzana Gajdošová.

| ID | Locality | Bedrock | RGS ± SD (N) | AGS ± SD [pg] (N) | CN (2*n*) | Pollen viability ± SD [%] (N) | No. of flowers ± SD (N) |
|---|---|---|---|---|---|---|---|
| *Daphne arbuscula* | | | | | | | |
| SK-DA 1 | Slovakia, Western Carpathians, Muránska Planina Mts., Kášter, 910 m a.s.l., coll.: DB, JK, MS, PT, ZG | calcareous | 1.63 ± 0.02 (7) | 6.09 ± 0.04 (3) | - | - | - |
| SK-DA 2 | Slovakia, Western Carpathians, Muránska Planina Mts., Hradová, 870 m a.s.l., coll.: DB, ZG | calcareous | 1.62 ± 0.00 (7) | - | - | - | - |
| SK-DA 3 | Slovakia, Western Carpathians, Muránska Planina Mts., Malá Stožka, 1170 m a.s.l., coll.: MS, ZG | calcareous | 1.62 ± 0.01 (10) | - | - | 91.25 ± 2.36 (2) | 6.8 ± 1.1 (10) |
| SK-DA 4 | Slovakia, Western Carpathians, Muránska Planina Mts., Šarkanica, 970 m a.s.l., coll.: MS, ZG | calcareous | 1.63 ± 0.01 (5) | - | - | - | - |
| SK-DA 5 | Slovakia, Western Carpathians, Muránska Planina Mts., Veľká Stožka, 1275 m a.s.l., coll.: MS, ZG | calcareous | 1.63 ± 0.01 (10) | - | - | 96.60 ± 3.56 (6) | 7.5 ± 0.7 (10) |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SK-DA 6 | Slovakia, Western Carpathians, Muránska Planina Mts., Hrdzavá dolina – Vrbjarka, 1085 m a.s.l., coll.: DB, IT, ZG | calcareous | 1.64 ± 0.00 (5) | - | - | - | - |
| SK-DA 7 | Slovakia, Western Carpathians, Muránska Planina Mts., Poludnica – Klin, 790–830 m a.s.l., coll.: DB, JK, MS, PT, ZG | calcareous | 1.64 ± 0.01 (20) | 6.10 ± 0.04 (3) | - | 98.80 ± 2.40 (5) | 7.5 ± 0.8 (10) |
| SK-DA 8 | Slovakia, Western Carpathians, Muránska Planina Mts., Cigánka, 880 m a.s.l., coll.: JK, MS, ZG | calcareous | 1.64 ± 0.01 (5) | - | - | - | - |
| SK-DA 9 | Slovakia, Western Carpathians, Muránska Planina Mts., Šiance, 950 m a.s.l., coll.: DB, JK, MS, PT, ZG | calcareous | 1.64 ± 0.01 (10) | 6.08 ± 0.01 (3) | 18 | 97.40 ± 2.65 (5) | 7.0 ± 1.2 (10) |
| SK-DA 10 | Slovakia, Western Carpathians, Muránska Planina Mts., Havrania dolina – Slaniniarka, 1033 m a.s.l., coll.: IT, ZG | calcareous | 1.63 ± 0.01 (5) | - | - | - | - |
| SK-DA 11 | Slovakia, Western Carpathians, Muránska Planina Mts., Zlatnica – Čupková, 950 m a.s.l., coll.: IT, ZG | calcareous | 1.62 ± 0.01 (5) | - | - | - | - |
| *Daphne cneorum* subsp. *cneorum* | | | | | | | |
| SK-DC 1 | Slovakia, Pannonian basin, Záhorská Nížina lowland, Červený kríž 180 m a.s.l., coll.: JK, MS, ZG | siliceous sands | 1.32 ± 0.02 (222)<br>1.98 ± 0.04 (2) | 5.00 ± 0.02 (3)<br>7.43 ± 0.11 (2) | -<br>27 | 94.55 ± 1.44 (7)<br>85.18 ± 3.70 (1*) | 10.25 ± 2.0 (20)<br>9 (1) |
| SK-DC 2 | Slovakia, Western Carpathians, Považský Inovec Mts., Kňaží stôl, 586 m a.s.l., coll.: JK, EGŠ | calcareous | 1.33 (1) | - | - | - | - |
| SK-DC 3 | Slovakia, Western Carpathians, Strážovské Vrchy Mts., Stupičie, 685 m a.s.l., coll.: JK, EGŠ | calcareous | 1.33 ± 0.03 (20) | 4.99 ± 0.03 (4) | - | - | 8.8 ± 1.7 (10) |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SK-DC 4 | Slovakia, Western Carpathians, Žiar Mts., near Ráztočno village, 590 m a.s.l., coll.: JK, MS | calcareous | 1.34 ± 0.02 (15) | 5.08 ± 0.02 (3) | - | - | - |
| SK-DC 5 | Slovakia, Western Carpathians, Veľká Fatra Mts., Ostrá, 1240 m a.s.l., coll.: IT, PT, ZG | calcareous | 1.31 ± 0.01 (16) | 4.99 ± 0.00 (3) | - | 85.23 ± 13.55 (5) | - |
| SK-DC 6 | Slovakia, Western Carpathians, Veľká Fatra Mts., Sokol, 610 m a.s.l., coll.: PT, ZG | calcareous | 1.34 ± 0.02 (22) | 4.97 ± 0.03 (3) | - | - | - |
| SK-DC 7 | Slovakia, Western Carpathians, Chočské vrchy Mts., Čebrať, 775 m a.s.l., coll.: PT, ZG | calcareous | 1.35 (3) | 4.97 ± 0.01 (3) | - | - | - |
| SK-DC 8 | Slovakia, Western Carpathians, Kozie Chrbty Mts., Baba, 780 m a.s.l., coll.: ZG | calcareous | 1.35 ± 0.01 (25) | 4.93 ± 0.02 (3) | 18 | 84.66 ± 7.15 (5) | 11.1 ± 1.3 (10) |
| SK-DC 9 | Slovakia, Western Carpathians, Slovenský Raj Mts., Ihrík, 650 m a.s.l., coll.: ZG | calcareous | 1.33 ± 0.00 (12) | 4.96 ± 0.07 (3) | - | - | - |
| SK-DC 10 | Slovakia, Western Carpathians, Branisko Mts., Rajtopíky, 870 m a.s.l., coll.: ZG | calcareous | 1.34 ± 0.02 (9) | 4.97 ± 0.02 (3) | - | - | - |
| AT- DC 11 | Austria, Eastern Alps Mts., Hochschwab Mts., Karlschutt, 870 m a.s.l., coll.: JK, ZG | calcareous | 1.31 ± 0.01 (76)<br>1.91 (1) | -<br>- | -<br>- | 95.07 ± 3.64 (5)<br>- | 11.9 ± 2.8 (20)<br>- |
| AT- DC 12 | Austria, Pannonian Basin, Güns Mts., Jobst, 290 m a.s.l., coll.: JK, MS, ZG | siliceous | 1.32 (4) | - | - | - | - |
| AT- DC 13 | Austria, Eastern Alps Mts., Wienerwald Mts., Perchtoldsdorfer Heide, 325 m a.s.l., coll.: JK, MS, ZG | calcareous | 1.33 ± 0.01 (33) | - | - | - | - |
| AT- DC 14 | Austria, Pannonian Basin, Little Hungarian Plain, Siegendorfer Puszta, 195 m a.s.l., coll.: JK, ZG | loess | 1.34 ± 0.02 (247) | - | - | 94.00 ± 3.19 (5) | 11.75 ± 2.8 (20) |
| AT- DC 15 | Austria, Pannonian Basin, Marchfeld, Weikendorfer Remise, 150 m a.s.l., coll.: JK, ZG | siliceous sands | 1.31 ± 0.01 (23) | - | - | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| HU- DC 16 | Hungary, Pannonian Basin, Little Hungarian Plain, Gönyű, 120 m a.s.l., coll.: JK, ZG | calcareous | 1.32 ± 0.01 (155) | - | - | 93.59 ± 4.90 (5) | 13.7 ± 3.5 (20) |
| HU- DC 17 | Hungary, Pannonian Basin, Transdanubian Mts.,Vértes Mts., Gánt, 240 m a.s.l., coll.: JK, ZG | calcareous | 1.33 ± 0.13 (140)<br>1.96 (1) | -<br>- | -<br>- | 92.29 ± 3.11 (5)<br>70.50 ± 3.27 (1*) | 9.8 ± 1.7 (20)<br>12.7 ± 0.9 (1*) |
| HU- DC 18 | Hungary, Pannonian Basin, Transdanubian Mts., Tetényi-fennsik, 220 m a.s.l., coll.: JK, ZG | calcareous | 1.31 ± 0.01 (29) | - | - | - | - |
| RO- DC 19 | Romania, Transylvania, Transylvanian Plateau, Almaș Depression, Sfărașș-Jebucu, 419 m a.s.l., coll.: BIH, IMS | gypsum | 1.33 ± 0.02 (10)<br>2.02 (1) | -<br>- | -<br>- | 88.65 ± 9.42 (5)<br>81.89 ± 3.78 (1*) | 11.22 ± 1.0 (9)<br>13 (1) |
| RO- DC 20 | Romania, Apuseni Mts., Gilău-Muntele Mare Mts., Scărița-Belioara, 1365 m a.s.l., coll.: BIH, IMS | calcareous | 1.35 ± 0.01 (10) | - | - | - | - |
| RO- DC 21 | Romania, Apuseni Mts., Trascău Mts., Turda Gorge, ”La Dos”, 674 m a.s.l., coll.: BIH, IMS | calcareous | 1.32 ± 0.00 (10) | - | - | - | 10.2 ± 1.8 (10) |
| RO- DC 22 | Romania, Transylvania, Someș Plateau, Valea Gârbăului, 458 m a.s.l., coll.: BIH, IMS | calcareous | 1.33 ± 0.01 (10) | - | - | - | - |
| RO- DC 23 | Romania, Southern Carpathians, Retezat Mts., Piule Mt., 1796 m a.s.l., coll.: BIH, IMS | calcareous | 1.36 ± 0.01 (10) | - | - | - | 8.67 ± 1.9 (9) |
| RO- DC 24 | Romania, Southern Carpathians, Cozia Mts., Doabra peak, Pădurea Călinești Nature Reserve, 818 m a.s.l., coll.: BIH, IMS | conglomerate and sandy stone | 1.38 (6) | - | - | 89.03 ± 9.71 (5) | 10.0 ± 2.1 (5) |
| RO- DC 25 | Romania, Southern Carpathians, Piatra Craiului Mt., Padina Hotarului, below Turnu peak, 1790 m a.s.l., coll.: AI | calcareous | 1.35 ± 0.00 (10) | - | - | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| RO- DC 26 | Romania, Eastern Carpathians, Giurgeu Mts., Bizac gorges, below Suhardul Mic peak, 1205-1342 m a.s.l., coll.: BIH, IMS | calcareous | 1.34 ± 0.01 (11) | - | - | - | - |
| RO- DC 27 | Romania, Eastern Carpathians, Ciuc Mts., above Delnița village, 850 m a.s.l., coll.: BIH, IMS | calcareous | 1.31 ± 0.00 (10) | - | - | - | - |
| RO- DC 28 | Romania, Eastern Carpathians, Ciuc Mts., above Belani village, 800-928 m a.s.l., coll.: BIH, IMS | flysch | 1.36 ± 0.01 (10) | - | - | 94.81 ± 3.07 (5) | 10.4 ± 1.5 (5) |
| *Daphne cneorum* subsp. *arbusculoides* | | | | | | | |
| SLO-DCA 1 | Slovenia, Pannonian Basin, Western Hungarian Borderland, Goričko region, Hodoš, 260 m a.s.l., coll.: JK, MS, ZG | siliceous | 1.31 ± 0.01 (19) | 5.01 ± 0.06 (5) | - | 95.85 ± 2.43 (5) | 15.47 ± 4.1 (15) |
| HU-DCA 2 | Hungary, Pannonian Basin, Western Hungarian Borderland, Őrseg region, Szalafő, 240 m a.s.l., coll.: JK, MS, ZG | siliceous | 1.33 ± 0.01 (158) | 4.95 ± 0.04 (5) | 18 | 96.01 ± 1.42 (5) | 24.44 ± 5.9 (80) |

* multiple samples from the same individual were studied to increase the accuracy of the analysis

**Supporting Information Table S2.** A synthesis of published chromosome numbers and genome size values within the genus *Daphne.* Abbreviations: CN – chromosome number [(2*n*) euploid and (*n*) haploid]; 2*C* – absolute genome size value of a euploid genome; 1*C* –absolute genome size value of a monoploid genome. Asterisks indicate the chromosome number from an unverified source. Novel data obtained in the present study are highlighted in bold.

| Published as | CN (2*n*) | CN (*n*) | 2*C* (pg) | 1*C* (pg) | Country and source |
|---|---|---|---|---|---|
| *D. alpina L.* (syn. *D. alpina* L. subsp. *alpina*) | | | 8.17 | 4.09 | Croatia, Mt. Biokovo: Siljak-Yakovlev *et al*. 2010 |
| | 18 | 9 | | | Indonesia, Java, Buitenzorg Botanic Gardens (cult.): Strasburger 1909 |
| | 36 | | | | Italy, Rupi di Loreto Triora, Liguria: Urbani 1992 |
| ***D. arbuscula* Čelak.** | 18 | | | | Slovakia, Muránska Planina Mts., Mochnatá: Murín in Májovský *et al*. 1978 |
| | 18 | | | | Slovakia, Muránska Planina Mts., Mochnatá: Murín 1990 |
| | **18** | | **6.08** | **3.04** | **Slovakia, Muránska Planina Mts., Šiance: present study** |
| *D. blagayana* Freyer | | | 4.70 | 2.35 | Bosnia and Herzegovina, Kladanj: Siljak-Yakovlev *et al*. 2010; Bosnia and Herzegovina, Kladanj: Pustahija *et al*. 2013 |
| | 18 | | | | Greece, Mt. Olympus: Van Loon in Löve 1982 |
| | 18 | | | | Yugoslavia: Nevling *et al.* 1962 |
| | 18 | 9 | | | unknown locality (cult.): Blaise 1959 |
| *D. burkwoodii* Turrill | | 9 | | | USA, Harvard, Arnold Arboretum (cult.): Nevling in Löve and Solbrig 1964 |
| ***D. cneorum* L. (syn. *D. cneorum* L. subsp. *cneorum*)** | | 9 | | | Austria, Hoher Lindkogel bei Baden: Fuchs 1938 |
| | 18 | | | | Bulgaria, Pirin Mts., Bajuva Dupka: Nikolov 1991 |
| | 18 | 9 | | | Czech Republic, Mělník: Krahulcová 1991 |

| | | | | | |
|---|---|---|---|---|---|
| | 18 | | 4.75 | 2.37 | Czech Republic, Moravia, Hrotovice: Šmarda *et al*. 2019 |
| | 18 | | | | Hungary, the Solymár wall; Cseresnyésárok, Szár: Baksay 1956 |
| | 18 | | | | Poland, Reservation Krzemionki near Ostrowiec Świętokrzyski: Wcisło in Pogan *et al*. 1990 |
| | 18 | | | | Slovakia, Slovenský raj, Ihrík: Uhríková and Májovský in Löve 1978 |
| | **18** | | **4.93** | **2.47** | **Slovakia, Kozie chrbty Mts., Baba: present study** |
| | **27** | | **7.38** | **3.69** | **Slovakia, Záhorská nížina Lowland: present study** |
| ***D. cneorum* subsp. *arbusculoides* (Tuzson) Soó** | **18** | | **4.95** | **2.48** | **Hungary, Őrseg region, Szalafő: present study** |
| *D. genkwa* Siebold & Zucc. | | 9 | | | USA, Harvard, Arnold Arboretum (cult.): Nevling 1962 |
| *D. giraldii* Nitsche | | 9 | | | USA, Harvard, Arnold Arboretum (cult.): Nevling 1962 |
| *D. glomerata* Lam. | 18 | | | | Caucasus: Sokolovskaya and Strelkova 1940 |
| *D. gnidium* L. | | 9 | | | France, Oléron Island: Delay 1969 |
| | | 9 | | | Spain, Sevilla, El Garrobo: Pastor *et al*.1988 |
| | | 9 | | | Spain, Huelva: Diosdado *et al*.1993 |
| | 18 | | | | Algeria, Setif region: Ramdani *et al*. 2015 |
| | 18 | | | | France, Montpellier: Natarajan in Löve 1978 |
| | 18 | | | | Italy, Sauci Piccolo, Sauci Vito Lo Capo: Romano *et al*. 1986 |
| | 18 | | | | Portugal, Lisabon: Blaise 1959 |
| | 18 | | | | Spain, Malaga, Fuengirola: Bjorkqvist *et al*. 1969 |
| *D. jasminea* Sibth. & Sm. | | 9 | | | Greece, Crete, Selinos, Gorges d'Aghia Irini: De Montmollin 1986 |
| *D. jezoensis* Maxim. (syn. *D. kamtschatica* var. *jezoensis* (Maxim.) Ohwi) | 18 | | | | Japan, Mt. Teine, prov. Ishikari: Matsuura and Sutô 1935 |
| | 18 | | | | Japan, Hokkaido, Notoro Misaki, Abashiri: Nishikawa 1990 |
| *D. julia* K.-Pol. | 18* | | | | unknown locality: Matveeva and Tikhonova in Bolkhovskikh *et al.* 1969 |

| | | | | | |
|---|---|---|---|---|---|
| *D. kiusiana* Miq. | 18 | 9 | | | Japan, Botanical Garden, Tokyo (cult.): Osawa 1913 |
| *D. laureola* L. | | | 5.97 | 2.99 | Serbia, Jelasnicka canyon: Siljak-Yakovlev *et al*. 2010 |
| | | 9 | | | Austria, Vienna: Fuchs 1938 |
| | 18 | | | | Algeria, Setif region: Ramdani *et al*. 2015 |
| | 18 | | | | Bulgaria, Forebalkan, Mt Vrachanska: Ivanova and Vladimirov 2007 |
| | 18 | 9 | | | France, Samoëns: Blaise 1959 |
| | 18 | | | | Greece, Mt. Olympus: Strid and Franzen in Löve 1981 |
| | 18 | | | | Italy, Sicily, Madonie, Contrada Canale: Lentini *et al*. 1988 |
| | 18 | | | | Italy, Calabria: Peruzzi and Cesca 2003 |
| | 18 | | | | Spain, Provincia de Jaén: Löve and Kjellqvist 1974 |
| | 18 | | | | United Kingdom: Maude 1939 |
| | 18 | | | | United Kingdom, Dorset, Torbet: Al-Bermani *et al*. 1993 |
| *D. longilobata* (Lecomte) Turrill | 18 | | | | unknown locality (cult.): Tan 1980 |
| *D. mezereum* L. | 18 | | | | Belarus, Biarezinski Biosphere Reserve: Semerenko 1990, 1993 |
| | 18 | | 6.50 | 3.03 | Bosnia and Herzegovina, Bijambare: Siljak-Yakovlev *et al*. 2010 |
| | 27 | | 8.80 | 4.40 | Bosnia and Herzegovina, Kladanj: Pustahija *et al*. 2013 |
| | 18 | | | | Czech Republic, park in Průhonice; N. Moravia, Jeseníky Mts., Malá Morávka: Měsíček 1992 |
| | 18 | | 5.51 | 2.75 | Czech Republic, Botanical Garden of the Faculty of Science, Masaryk University, Brno (cult.): Šmarda *et al*. 2019 |
| | 18 | | | | Finland, Suomusjärvi, Salittu: Sorsa 1962 |
| | 18 | | | | Greece, Mt. Olympus: Strid and Franzén in Löve 1981 |
| | 18 | 9 | | | Indonesia, Java, Buitenzorg Botanic Gardens (cult.): Strasburger 1909 |

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|---|---|---|---|---|---|
| | 18 | | | | Poland, Southern Poland, Okocim; Western Carpathians, Babia Góra, Przeginia, Miechów; Wejherowo: Wcisło in Skalińska *et al*. 1976 |
| | 18 | | | | Slovakia, Arborétum Mlyňany (cult.): Murín and Uhríková in Májovský *et al.* 1970 |
| | 18 | | | | Slovenia, Zerjav: Druskovic and Lovka in Stace 1995 |
| | 18 | | | | United Kingdom: Maude 1939, 1940 |
| *D. mucronata* Royle (syn. *D. angustifolia* C. Koch) | | 9 | | | Iran, Markazi, Arak, Tureh: Ghaffari 2008 |
| *D. odora* Thunb. | | 12,13,14 | | | Japan, Botanical Garden, Tokyo (cult.): Osawa 1913 |
| | 28 | 14 | | | unknown locality: Hiraoka 1958 |
| | 27 | | | | Japan: Okura and Kono 1959 |
| | 28 | | | | Japan, Botanical Garden, Tokyo (cult.): Osawa 1913 |
| | 27, 28* | | | | unknown locality: Takenaka 1931 |
| | 30 | | | | unknown locality: Yamaha 1927 |
| *D. oleoides* Schreb. | | 9 | | | India, Kashmir, Srinagar Fields: Bhat *et al*. in Löve 1974 |
| | 18 | | | | Bulgaria, Pirin Mts., Pogledec: Nikolov 1991 |
| | 18 | | 10.68 | 5.34 | Lebanon, Quammouah: Bou Dagher-Kharrat *et al*. 2013 |
| *D. oleoides* subsp. *transcaucasica* (Pobed.) Halda (syn. *D. transcaucasica* (Pobed.)) | 18 | | | | Armenia, Aragac Mt.: Pogosian *et al*. 1974 |
| *D. papyracea* Wall. ex G. Don (syn. *D. cannabina* Wall.) | | 9 | | | unknown locality: Venkateswarlu 1946 |
| | | 18 | | | Nepal, Godawari: Malla *et al*. in Löve 1977 |
| | 18 | | | | India, Eastern Himalayas, Tonglu: Roy *et al*. 1988 |
| *D. pontica* L. | 18 | | | | Bulgaria, Mt Strandzha: Ivanova and Vladimirov 2007 |
| *D. pseudomezereum* A. Gray | 18 | 9 | | | Japan, Botanical Garden, Tokyo (cult.): Osawa 1913 |
| *D.* × *reichsteinii* Landolt & E. Hauser | 36 | | | | Italy, Campione di Garda: Landolt and Hauser 1981 |
| *D. rodriguezii* Texidor | 18 | | | | Spain, Balearic islands, Colom Island: Cardona 1977 |

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|---|---|---|---|---|---|
| *D. sericea* Vahl (syn. *D. collina* J. E. Smith ex Dickson) | | 9 | | | Greece, Crete: De Montmollin 1984 |
| | | 9 | | | USA, Harvard, Arnold Arboretum (cult.): Nevling in Löve and Solbrig 1964 |
| *D. sericea* subsp. *pseudosericea* (Pobed.) Halda (syn. *D. pseudosericea* Pobed.) | 18 | | | | Georgia, Megrelia: Gagnidze 1983 |
| *D. tangutica* Maxim (syn. *D. wilsonii* Rehder) | 18 | | | | unknown locality (cult.): Blaise 1959 |
| *D.* × *hybrida* Lindl. (*D. odora* Thunb. × *D. sericea* 'Collina' Vahl.) | | 9 | | | USA, Harvard, Arnold Arboretum (cult.): Nevling in Löve 1966 |

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