## Electronic Supplement to:

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(Brassicaceae), a neglected species of the Balkan Peninsula. - Willdenowia 36
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Table 1. Standard statistical parameters of the measured characters of Cardamine pancicii, C. plumieri and C. glauca (all measurements in mm) (characters used in DCA are marked by asterisk)


Table 2. Morphological differences between Cardamine pancicii, C. glauca and C. plumieri (all measurements in mm ).

|  | C. glauca Apennines | C. glauca Balkans | C. pancici- <br> Mt. Kopaonik | C. plumieri <br> Mt. Kopaonik |
| :---: | :---: | :---: | :---: | :---: |
| Length of the basal leaf | (9.2) 14.6-28.6 (53) | (8.2) 13.9-28 (40.5) | (3.8) 5.6-11.2 (14.8) | (16) 24.8-55.2 (84) |
| Number of the leaflets of the basal leaf | (1) 2-5 (7) | 1-4 (6) | (3) 5-9 (11) | 1-3 (5) |
| Length of the basal leaflets of the basal leaf | (1.1) 2-5.4 (7.8) | (1.1) 1.6-3.4 (5) | (0.5) 0.7-1.6 (2.3) | (2) 2.3-6.2 (9) |
| Width of the basal leaflets of the basal leaf | (0.4) 0.9-3.4 (6.9) | (0.6) 0.9-2.3 (3.8) | (0.1) 0.2-0.8 (1.4) | (2) 2.1-5.1 (7) |
| Length of the terminal leaflets of the basal leaf | (1.8) 3.8-8.4 (15) | (2.3) 4-7.5 (10.2) | (1) 1.5-3.2 (4.5) | (3) 4.6-9.8 (14) |
| Width of the terminal leaflets of the basal leaf | (1) 3.2-9.1 (17.1) | (2.1) 3.8-8.4 (12) | (0.2) 1.4-3.5 (5.1) | (3) 5-12.3 (17) |
| Lenght of the middle-stem leaf | (12) 16.3-28.7 (35.5) | (5.1) 10.3-26.7 (48) | (2.4) 4.6-12 (24) | (7) 13-33.8 (57) |
| Number of the leaflets of the middle-stem leaf | (3) 5-9 (12) | (2) 3-6 (9) | (5) 7-11 (15) | (3) 4-6 (7) |
| Length of the basal leaflets of the middle-stem leaf | (1.2) 2.2-5.4 (10.8) | (0.7) 1.6-6.4 (13.6) | (0.3) 0.8-2.2 (4.1) | (0.6) 2.4-6.9 (12) |
| Width of the basal leaflets of the middle-stem leaf | (0.4) 0.6-1.6 (2.7) | (0.3) 0.5-2.2 (5) | (0.1) 0.2-0.7 (1.2) | (0.4) 1.4-3.7 (6) |
| Length of the terminal leaflet of the middle-stem leaf | (3.1) 4.5-9.1 (11) | (2.1) 3.6-12.5 (23.6) | (0.9) 1.4-3.8 (7.5) | (3) 4-11 (17) |
| Number of the leaflets of the largest leaf | (3) 4-8 (11) | (1) 3-6 (9) | (5) 6-11 (13) | (3) 4-5 (7) |
| Length of the basal leaflets of the largest leaf | (5.1) 7-11.5 (14) | (3) 4.7-15.9 (25) | (1.1) 1.7-4.5 (9) | (3.1) 4.8-12.4 (20) |
| Length of the terminal leaflet of the largest leaf | (4.2) 5.9-11 (13.6) | (2.1) 4.2-16.4 (30) | (1.1) 1.7-4.5 (10.5) | (3) 4.6-12 (21) |
| Depth of the petal indentation | (0.3) 0.5-0.8 (1.1) | (0.2) 0.7-1.5 (2.1) | (0.2) 0.5-1 (1.6) | 0-0.4 (0.9) |
| Length of longer anther | (0.8) 1.1-1.4 (1.5) | (0.6) 0.8-1.2 (1.4) | (0.3) 0.6-0.9 (1.2) | (0.3) 0.5-0.7 (0.7) |
| Length of shorter anther | (0.8) 1.2-1.6 (1.6) | (0.7) 0.9-1.3 (1.4) | (0.5) 0.7-1 (1.3) | (0.3) 0.5-0.7 (0.8) |
| Width of stigma | (0.3) 0.4-0.6 (0.7) | (0.2) 0.3-0.5 (0.6) | (0.1) 0.2-0.4 (0.6) | (0.2) 0.3-0.6 (0.6) |
| Length of peduncle | (4.6) 6.4-10 (11.6) | (3) 6-12.2 (17) | (1) 3.5-6.6 (10.2) | (3.8) 5-8.3 (11) |
| Length of siliqua | (7) 18.2-29.4 (35) | (3) 11-26.6 (32) | (1.2) 6-15.4 (24) | (15) 16.8-22.4 (25.5) |
| Width of siliqua | (0.6) 1.1-2.2 (4.1) | (0.5) 0.7-2.2 (3.9) | 0.5-1.1 (1.8) | (0.8) 1-1.3 (1.5) |
| Length of beak | (0.5) 1.8-3 (3.5) | (0.2) 1.4-3.9 (6.1) | (0.1) 0.6-1.4 (3.1) | (0.7) 0.8-1.8 (3.8) |

Table 3. Multivariate analysis (ANOVA) of morphometric data related to morphological characteristics of Cardamine pancicii, C. plumieri and Balkan and Apennine populations of C. glauca.

|  | F-value | p-level |
| :---: | :---: | :---: |
| Number of stems | 0.878 | 0.4563352 |
| Height of stem | 4.635 | 0.0049946 |
| Number of stem leaves | 1.242 | 0.3005837 |
| Number of flowers per stem | 2.250 | 0.0894082 |
| Length of basal leaf | 152.176 | 0.0000000 |
| Number of leaflets of basal leaf | 11.395 | 0.0000031 |
| Length of basal leaflets of basal leaf | 105.820 | 0.0000000 |
| Width of basal leaflets of basal leaf | 109.008 | 0.0000000 |
| Length of terminal leaflets of basal leaf | 89.143 | 0.0000000 |
| Width of terminal leaflets of basal leaf | 50.739 | 0.0000000 |
| Number of lobes of terminal leaflets of basal leaf | 2.511 | 0.0650569 |
| Lenght of mid-stem leaf | 33.024 | 0.0000000 |
| Number of leaflets of mid-stem leaf | 14.601 | 0.0000001 |
| Length of basal leaflets of mid-stem leaf | 48.343 | 0.0000000 |
| Width of basal leaflets of mid-stem leaf | 87.402 | 0.0000000 |
| Length of terminal leaflet of mid-stem leaf | 57.756 | 0.0000000 |
| Width of terminal leaflet of mid-stem leaf | 9.751 | 0.0000165 |
| Number of lobes of terminal leaflet of mid-stem leaf | 51.949 | 0.0000000 |
| Number of leaflets of largest leaf | 17.128 | 0.0000000 |
| Length of basal leaflets of largest leaf | 67.450 | 0.0000000 |
| Width of basal leaflets of largest leaf | 15.005 | 0.0000001 |
| Length of terminal leaflet of largest leaf | 63.696 | 0.0000000 |
| Width of terminal leaflet of largest leaf | 0.436 | 0.7276688 |
| Number of lobes of terminal leaflet of largest leaf | 30.215 | 0.0000000 |
| Length of flower pedicel | 5.565 | 0.0016747 |
| Length of sepal | 18.768 | 0.0000000 |
| Width of sepal | 1.145 | 0.3367063 |
| Length of the petal | 6.342 | 0.0006849 |
| Maximum width of petal | 3.162 | 0.0294109 |
| Depth of petal indentation | 14.562 | 0.0000001 |
| Length of claw of petal | 8.348 | 0.0000736 |
| Length of longer stamen | 27.428 | 0.0000000 |
| Length of shorter stamen | 7.595 | 0.0001676 |
| Length of longer anther | 80.115 | 0.0000000 |
| Length of shorter anther | 77.098 | 0.0000000 |
| Length of stylus | 24.581 | 0.0000000 |
| Width of stigma | 43.068 | 0.0000000 |
| Length of peduncle | 11.894 | 0.0000019 |
| Length of carpophore | 2.637 | 0.0558059 |
| Length of siliqua | 29.969 | 0.0000000 |
| Width of siliqua | 23.284 | 0.0000000 |
| Length of beak | 17.699 | 0.0000000 |
| Width of beak | 19.904 | 0.0000000 |
| Seed length | 49.784 | 0.0000000 |
| Seed width | 39.296 | 0.0000000 |

