**Naczk A. M., Ziętara M. S., Wołkowycki D., Wilhelm M. & Zheleznaya E. (2024) Genetic and morphological variation of two local allotetraploid orchids, *Dactylorhiza baltica* and *D. ruthei*. – Preslia 96: 267–297.**

**Supplementary Table S4.** Characterization of plastid haplotypes in the *Dactylorhiza baltica* and *D. ruthei* populations based on using the primer pairs described in Hedrén et al. (2008). Fragment lengths (alleles) are given in bp. N, number of individuals found with a particular haplotype; Grp, major haplotype group belonging (Ia and Ib); Tax, taxonomic distribution (balt - *D. baltica*, ruth - *D. ruthei*, X - common to both taxa). Additionally, the same haplotypes previously described by Naczk et al. (2015) are given as a subscript in the first column.

| HPL | N | Grp | Tax | 6 | 6B | 8 | 9 | 11B | 17 | 1 | 10B | 18 | 19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Ib | balt | 222 | 460 | 70 | 176 | 92 | 131 | 186 | 139 | 91 | 139 |
| 2 | 11 | Ia | ruth | 222 | 460 | 72 | 198 | 91 | 133 | 186 | 145 | 91 | 148 |
| $3_{(19)}$ | 6 | Ia | balt | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 143 | 91 | 149 |
| 4 | 38 | Ia | X | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 146 | 91 | 149 |
| 5 | 3 | Ia | ruth | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 147 | 91 | 149 |
| $6_{(24)}$ | 179 | Ia | X | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 148 | 91 | 149 |
| 7 | 1 | Ia | balt | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 151 | 91 | 149 |
| 8 | 2 | Ia | X | 222 | 460 | 72 | 205 | 90 | 133 | 186 | 154 | 91 | 149 |
| 9 | 1 | Ia | balt | 222 | 460 | 72 | 205 | 91 | 133 | 186 | 147 | 91 | 149 |
| $10_{(34)}$ | 3 | Ia | X | 222 | 460 | 73 | 198 | 90 | 133 | 186 | 148 | 91 | 148 |
| 11 | 9 | Ia | ruth | 222 | 460 | 73 | 198 | 90 | 133 | 186 | 151 | 91 | 148 |
| 12 | 2 | Ia | ruth | 222 | 460 | 73 | 205 | 90 | 133 | 186 | 148 | 91 | 148 |
| 13 | 1 | Ia | ruth | 222 | 460 | 73 | 205 | 90 | 133 | 186 | 154 | 91 | 149 |
| 14 | 10 | Ia | ruth | 222 | 460 | 73 | 212 | 90 | 133 | 186 | 142 | 91 | 149 |
| 15 | 1 | Ia | ruth | 222 | 460 | 73 | 212 | 91 | 133 | 186 | 142 | 91 | 149 |
| 16 | 1 | Ia | ruth | 222 | 470 | 72 | 205 | 90 | 133 | 186 | 148 | 91 | 149 |
| $17_{(56)}$ | 1 | Ia | balt | 222 | 470 | 73 | 212 | 90 | 133 | 186 | 139 | 91 | 149 |
| 18 | 1 | Ib | balt | 240 | 560 | 70 | 176 | 92 | 131 | 185 | 140 | 91 | 139 |
| 19 | 1 | Ia | ruth | 280 | 460 | 73 | 182 | 91 | 137 | 186 | 149 | 91 | 148 |
| 20 | 1 | Ia | ruth | 360 | 460 | 72 | 205 | 93 | 131 | 186 | 143 | 91 | 139 |
| 21 | 1 | Ib | ruth | 360 | 460 | 73 | 176 | 91 | 131 | 186 | 139 | 91 | 139 |
| 22 | 1 | Ib | balt | 360 | 560 | 65 | 176 | 92 | 131 | 185 | 139 | 91 | 140 |
| 23 | 1 | Ib | balt | 360 | 560 | 70 | 176 | 91 | 131 | 185 | 140 | 91 | 140 |
| 24 | 2 | Ib | balt | 360 | 560 | 70 | 176 | 91 | 131 | 186 | 139 | 91 | 139 |
| 25 | 1 | Ib | balt | 360 | 560 | 70 | 176 | 91 | 131 | 186 | 140 | 91 | 140 |
| 26 | 2 | Ib | balt | 360 | 560 | 70 | 176 | 92 | 131 | 185 | 139 | 91 | 139 |
| 27 | 2 | Ib | balt | 360 | 560 | 70 | 176 | 92 | 131 | 185 | 139 | 91 | 140 |
| $28_{(117)}$ | 5 | Ib | X | 360 | 560 | 70 | 176 | 92 | 131 | 185 | 140 | 91 | 139 |
| 29 | 14 | Ib | X | 360 | 560 | 70 | 176 | 92 | 131 | 185 | 140 | 91 | 140 |
| 30 | 3 | Ib | balt | 360 | 560 | 70 | 176 | 92 | 131 | 186 | 139 | 91 | 139 |
| 31 | 1 | Ib | balt | 360 | 560 | 70 | 176 | 92 | 131 | 186 | 139 | 91 | 140 |
| 32 | 9 | Ib | balt | 360 | 560 | 70 | 176 | 92 | 131 | 186 | 140 | 91 | 140 |
| 33 | 9 | Ib | balt | 360 | 560 | 70 | 176 | 93 | 131 | 185 | 142 | 91 | 139 |
| 34 | 3 | Ib | X | 360 | 560 | 70 | 176 | 93 | 131 | 185 | 143 | 91 | 139 |
| 35 | 3 | Ia | balt | 360 | 560 | 73 | 212 | 90 | 133 | 186 | 142 | 91 | 149 |
| $36_{(134)}$ | 1 | Ib | ruth | 360 | 580 | 70 | 176 | 92 | 131 | 185 | 139 | 91 | 139 |