

**Velebil J., Lepší M., Nosková J. & Lepší P. (2022) Taxonomic assessment of *Sorbus* subgenus *Aria* in the Malé Karpaty Mountains. – *Preslia* 94: 305–334.**

**Supplementary Table S2.** – Observed sample/standard ratio for each sample measured by flow cytometry, deduced DNA ploidy level and coefficients of variation (CV) for standard and sample.

<b>Sample leaf</b>	<b>Taxon</b>	<b>Index to <i>Carex</i></b>	<b>Ploidy level</b>	<b>CV-standard</b>	<b>CV-sample</b>
100/18	<i>Sorbus aria</i>	1.240	2x	2.87	2.02
116/18	<i>Sorbus aria</i>	1.242	2x	2.99	2.94
135/18	<i>Sorbus aria</i>	1.223	2x	2.51	2.71
136/18	<i>Sorbus aria</i>	1.226	2x	2.68	2.8
145/18	<i>Sorbus aria</i>	1.236	2x	2.68	2.13
226/16	<i>Sorbus aria</i>	1.233	2x	1.68	2.47
426/15	<i>Sorbus aria</i>	1.229	2x	2.64	4.62
429/15	<i>Sorbus aria</i>	1.245	2x	2.52	3.95
430/15	<i>Sorbus aria</i>	1.238	2x	2.81	4.11
434/15	<i>Sorbus aria</i>	1.219	2x	2.23	4.98
439/15	<i>Sorbus aria</i>	1.216	2x	2.31	3.63
440/18	<i>Sorbus aria</i>	1.226	2x	2.14	2.64
530/17	<i>Sorbus aria</i>	1.232	2x	1.89	3.37
545/17	<i>Sorbus aria</i>	1.212	2x	1.89	3.84
547/17	<i>Sorbus aria</i>	1.203	2x	2.09	4.64
552/17	<i>Sorbus aria</i>	1.207	2x	1.69	3.18
560/17	<i>Sorbus aria</i>	1.223	2x	1.99	3.87
561/17	<i>Sorbus aria</i>	1.222	2x	2.02	3.86
562/17	<i>Sorbus aria</i>	1.212	2x	2.21	4.33
569/17	<i>Sorbus aria</i>	1.228	2x	1.91	3.77
573/17	<i>Sorbus aria</i>	1.196	2x	2.12	4.25
578/17	<i>Sorbus aria</i>	1.213	2x	2.18	3.8
70/19	<i>Sorbus aria</i>	1.246	2x	1.74	2.31
74/19	<i>Sorbus aria</i>	1.236	2x	2.93	2.01
77/19	<i>Sorbus aria</i>	1.254	2x	2.45	2.07
u 449/15	<i>Sorbus aria</i>	1.234	2x	2.75	4.53
220/16	<i>Sorbus aria</i>	1.258	2x	2.05	2.54
111/18	<i>Sorbus aria</i> agg.	1.899	3x	2.75	2.08
112/18	<i>Sorbus aria</i> agg.	1.891	3x	2.75	2.27
117/18	<i>Sorbus aria</i> agg.	1.908	3x	2.7	2.49
129/18	<i>Sorbus aria</i> agg.	1.920	3x	2.85	2.51
158/18	<i>Sorbus aria</i> agg.	1.858	3x	2.2	2.08
159/18	<i>Sorbus aria</i> agg.	1.875	3x	2.53	1.59
218/16	<i>Sorbus aria</i> agg.	1.906	3x	1.85	1.96
429/18	<i>Sorbus aria</i> agg.	1.856	3x	2.17	2.27
431/15	<i>Sorbus aria</i> agg.	1.886	3x	2.63	2.96
508/17	<i>Sorbus aria</i> agg.	1.898	3x	2.22	3.41
510/17	<i>Sorbus aria</i> agg.	1.866	3x	1.89	2.75

<b>528/17</b>	<i>Sorbus aria</i> agg.	<b>1.851</b>	<b>3x</b>	1.77	4.15
<b>534/17</b>	<i>Sorbus aria</i> agg.	<b>1.823</b>	<b>3x</b>	2.71	3.83
<b>535/17</b>	<i>Sorbus aria</i> agg.	<b>1.886</b>	<b>3x</b>	1.72	2.38
<b>582/17</b>	<i>Sorbus aria</i> agg.	<b>1.872</b>	<b>3x</b>	1.97	4.1
<b>593/17</b>	<i>Sorbus aria</i> agg.	<b>1.856</b>	<b>3x</b>	1.77	2.86
<b>594/17</b>	<i>Sorbus aria</i> agg.	<b>1.862</b>	<b>3x</b>	2.22	1.08
<b>595/17</b>	<i>Sorbus aria</i> agg.	<b>1.860</b>	<b>3x</b>	1.74	3.77
<b>596/17</b>	<i>Sorbus aria</i> agg.	<b>1.822</b>	<b>3x</b>	1.74	4.39
<b>597/17</b>	<i>Sorbus aria</i> agg.	<b>1.877</b>	<b>3x</b>	2.04	3.47
<b>72/19</b>	<i>Sorbus aria</i> agg.	<b>1.866</b>	<b>3x</b>	1.98	1.63
<b>73/19</b>	<i>Sorbus aria</i> agg.	<b>1.877</b>	<b>3x</b>	2.35	1.87
<b>110/18</b>	<i>Sorbus aria</i> agg.	<b>2.551</b>	<b>4x</b>	2.99	2.73
<b>113/18</b>	<i>Sorbus aria</i> agg.	<b>2.554</b>	<b>4x</b>	2.56	4.5
<b>509/17</b>	<i>Sorbus aria</i> agg.	<b>2.440</b>	<b>4x</b>	1.83	3.15
<b>10</b>	<i>Sorbus collina</i>	<b>2.524</b>	<b>4x</b>	1.44	2.26
<b>13</b>	<i>Sorbus collina</i>	<b>2.512</b>	<b>4x</b>	1.53	3.52
<b>148</b>	<i>Sorbus collina</i>	<b>2.466</b>	<b>4x</b>	1.33	1.66
<b>149</b>	<i>Sorbus collina</i>	<b>2.469</b>	<b>4x</b>	1.13	1.98
<b>265</b>	<i>Sorbus collina</i>	<b>2.476</b>	<b>4x</b>	1.4	1.99
<b>272</b>	<i>Sorbus collina</i>	<b>2.430</b>	<b>4x</b>	1.76	2.38
<b>319</b>	<i>Sorbus collina</i>	<b>2.489</b>	<b>4x</b>	1.54	2.32
<b>320</b>	<i>Sorbus collina</i>	<b>2.466</b>	<b>4x</b>	1.41	2.49
<b>335</b>	<i>Sorbus collina</i>	<b>2.471</b>	<b>4x</b>	2.17	3.13
<b>337</b>	<i>Sorbus collina</i>	<b>2.492</b>	<b>4x</b>	2.34	2.08
<b>105/18</b>	<i>Sorbus collina</i>	<b>2.479</b>	<b>4x</b>	2.76	1.66
<b>114/18</b>	<i>Sorbus collina</i>	<b>2.586</b>	<b>4x</b>	2.75	2.15
<b>123/18</b>	<i>Sorbus collina</i>	<b>2.549</b>	<b>4x</b>	2.61	2.23
<b>421/15</b>	<i>Sorbus collina</i>	<b>2.498</b>	<b>4x</b>	2.53	3.42
<b>422/15</b>	<i>Sorbus collina</i>	<b>2.463</b>	<b>4x</b>	2.62	3.43
<b>449/11</b>	<i>Sorbus collina</i>	<b>2.503</b>	<b>4x</b>	1.91	2.31
<b>450/11</b>	<i>Sorbus collina</i>	<b>2.476</b>	<b>4x</b>	1.82	2.25
<b>452/11</b>	<i>Sorbus collina</i>	<b>2.503</b>	<b>4x</b>	1.91	2.31
<b>457/11</b>	<i>Sorbus collina</i>	<b>2.503</b>	<b>4x</b>	1.91	2.31
<b>462/11</b>	<i>Sorbus collina</i>	<b>2.495</b>	<b>4x</b>	1.76	2.08
<b>475/11</b>	<i>Sorbus collina</i>	<b>2.461</b>	<b>4x</b>	1.57	2.12
<b>481/11</b>	<i>Sorbus collina</i>	<b>2.437</b>	<b>4x</b>	1.97	2.66
<b>483/11</b>	<i>Sorbus collina</i>	<b>2.456</b>	<b>4x</b>	1.59	2.4
<b>508/11</b>	<i>Sorbus collina</i>	<b>2.478</b>	<b>4x</b>	1.83	2.34
<b>512/17</b>	<i>Sorbus collina</i>	<b>2.485</b>	<b>4x</b>	1.83	3.68
<b>513/17</b>	<i>Sorbus collina</i>	<b>2.544</b>	<b>4x</b>	2.64	3.61
<b>515/17</b>	<i>Sorbus collina</i>	<b>2.503</b>	<b>4x</b>	2.32	3.52
<b>516/17</b>	<i>Sorbus collina</i>	<b>2.493</b>	<b>4x</b>	2.13	3.89
<b>517/17</b>	<i>Sorbus collina</i>	<b>2.468</b>	<b>4x</b>	2.08	4.76
<b>519/17</b>	<i>Sorbus collina</i>	<b>2.552</b>	<b>4x</b>	2.67	2.96
<b>521/17</b>	<i>Sorbus collina</i>	<b>2.466</b>	<b>4x</b>	1.9	1.97
<b>531/17</b>	<i>Sorbus collina</i>	<b>2.432</b>	<b>4x</b>	2.15	4.25

<b>538/17</b>	<i>Sorbus collina</i>	<b>2.492</b>	<b>4x</b>	2.03	2.58
<b>539/17</b>	<i>Sorbus collina</i>	<b>2.481</b>	<b>4x</b>	1.89	3.02
<b>860/17</b>	<i>Sorbus collina</i>	<b>2.489</b>	<b>4x</b>	1.38	2.87
<b>861/17</b>	<i>Sorbus collina</i>	<b>2.489</b>	<b>4x</b>	1.38	2.87
<b>1</b>	<i>Sorbus danubialis</i>	<b>2.532</b>	<b>4x</b>	1.28	2.83
<b>21</b>	<i>Sorbus danubialis</i>	<b>2.514</b>	<b>4x</b>	1.66	3.58
<b>60</b>	<i>Sorbus danubialis</i>	<b>2.503</b>	<b>4x</b>	1.8	2.26
<b>69</b>	<i>Sorbus danubialis</i>	<b>2.498</b>	<b>4x</b>	1.62	2.48
<b>80</b>	<i>Sorbus danubialis</i>	<b>2.428</b>	<b>4x</b>	2.11	2.73
<b>81</b>	<i>Sorbus danubialis</i>	<b>2.503</b>	<b>4x</b>	1.89	2.5
<b>161</b>	<i>Sorbus danubialis</i>	<b>2.502</b>	<b>4x</b>	1.58	2.27
<b>162</b>	<i>Sorbus danubialis</i>	<b>2.502</b>	<b>4x</b>	1.58	2.27
<b>266</b>	<i>Sorbus danubialis</i>	<b>2.476</b>	<b>4x</b>	1.4	1.99
<b>268</b>	<i>Sorbus danubialis</i>	<b>2.473</b>	<b>4x</b>	1.45	1.93
<b>115/18</b>	<i>Sorbus danubialis</i>	<b>2.600</b>	<b>4x</b>	2.91	2.13
<b>361/11</b>	<i>Sorbus danubialis</i>	<b>2.491</b>	<b>4x</b>	1.59	2.48
<b>364/11</b>	<i>Sorbus danubialis</i>	<b>2.491</b>	<b>4x</b>	1.59	2.48
<b>460/11</b>	<i>Sorbus danubialis</i>	<b>2.443</b>	<b>4x</b>	1.6	2.52
<b>477/11</b>	<i>Sorbus danubialis</i>	<b>2.459</b>	<b>4x</b>	1.69	2.2
<b>514/17</b>	<i>Sorbus danubialis</i>	<b>2.497</b>	<b>4x</b>	1.64	3.78
<b>853/17</b>	<i>Sorbus danubialis</i>	<b>2.522</b>	<b>4x</b>	1.4	2.35
<b>138/18</b>	<i>Sorbus petraea</i>	<b>2.529</b>	<b>4x</b>	2.2	1.98
<b>139/18</b>	<i>Sorbus petraea</i>	<b>2.517</b>	<b>4x</b>	2.7	1.53
<b>141/18</b>	<i>Sorbus petraea</i>	<b>2.504</b>	<b>4x</b>	2.51	2.53
<b>142/18</b>	<i>Sorbus petraea</i>	<b>2.544</b>	<b>4x</b>	2.36	2.14
<b>143/18</b>	<i>Sorbus petraea</i>	<b>2.548</b>	<b>4x</b>	2.67	2.22
<b>147/18</b>	<i>Sorbus petraea</i>	<b>2.489</b>	<b>4x</b>	2.81	2.51
<b>150/18</b>	<i>Sorbus petraea</i>	<b>2.460</b>	<b>4x</b>	2.77	2.13
<b>156/18</b>	<i>Sorbus petraea</i>	<b>2.521</b>	<b>4x</b>	2.9	2.07
<b>157/18</b>	<i>Sorbus petraea</i>	<b>2.546</b>	<b>4x</b>	2.42	2.12
<b>161/18</b>	<i>Sorbus petraea</i>	<b>2.483</b>	<b>4x</b>	2.49	2.38
<b>165/18</b>	<i>Sorbus petraea</i>	<b>2.498</b>	<b>4x</b>	1.97	1.97
<b>167/18</b>	<i>Sorbus petraea</i>	<b>2.516</b>	<b>4x</b>	2.51	2.19
<b>286/19</b>	<i>Sorbus petraea</i>	<b>2.531</b>	<b>4x</b>	1.67	1.45
<b>287/19</b>	<i>Sorbus petraea</i>	<b>2.525</b>	<b>4x</b>	2.33	1.78
<b>288/19</b>	<i>Sorbus petraea</i>	<b>2.527</b>	<b>4x</b>	2.18	1.79
<b>289/19</b>	<i>Sorbus petraea</i>	<b>2.490</b>	<b>4x</b>	2.46	1.7
<b>290/19</b>	<i>Sorbus petraea</i>	<b>2.490</b>	<b>4x</b>	2.25	1.56
<b>425/18</b>	<i>Sorbus petraea</i>	<b>2.491</b>	<b>4x</b>	1.97	2.12
<b>426/18</b>	<i>Sorbus petraea</i>	<b>2.481</b>	<b>4x</b>	2.12	2.47
<b>428/18</b>	<i>Sorbus petraea</i>	<b>2.498</b>	<b>4x</b>	1.86	1.87
<b>431/18</b>	<i>Sorbus petraea</i>	<b>2.508</b>	<b>4x</b>	1.9	1.73
<b>max.</b>	-	-	-	2.99	4.98
<b>min.</b>	-	-	-	1.13	1.08
<b>average</b>	-	-	-	2.108968	2.73119