Table S1. Collection sites of *V. epipsila*, *V.palustris* and their putative hybrids for genetic analysis (ISSR markers; genome size value; cpDNA).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Localities | No of samples | Sample name | Geographical coordinates | Taxon\* | Collector\*\* | | Used for particular analysis  (+) | | |
| ISSR | 2C-DNA | cpDNA |
| **Central Europe** | | | | | | | | | | |
| **Germany NE** | | | | | | | | | | |
| Mecklenburg-Vorpommern | Warrenzin | 1 | N\_NE2 | 53.877536, 12.949529 | H | AM | | **+** |  | **+** |
| Mirow | 4 | N\_NE3-6 | 53.233640, 12.807800 | V.p | AM | | **+** |  |  |
| Trantow | 3 | N\_NE7-9 | 53.966180, 13.189510 | V.p | AM | | **+** |  |  |
| Adamsdorf | 1 | N\_NE10 | 53.436050, 13.026910 | V.p | AM | | **+** |  |  |
| Dobbin | 1 | N\_NE11 | 53.581110, 12.327350 | V.p | AM | | **+** |  |  |
| **Germany SE** | | | | | | |  |  | | |
| Bavaria | Floß | 9 | N\_B!1-9 | 49.712330, 12.238800 | V.p | RH | | **+** |  | **+** |
| “Dormitzer Forst” Kalchreuth | 5 | N\_B1-5 | 49.565470, 11.109230 | V.p | RH | | **+** |  | **+** |
| Boxbrunn | 5 | N\_SE1-5 | 49.679750, 9.1057220 | V.p | LE | | **+** |  |  |
| **Poland NE** | | | | | | | | | | |
| Podlaskie voivodeship  (North Podlasie Lowland) | Balinka | 10 | BAL\_1-10 | 53.806423, 23.172279 | V.p | EK, AP | | **+** |  |  |
| Białowieża National Park | 94 | BNP1-94 | 52.778390, 23.856920 | V.e, V.p, H | JŻ, LM, AK | | **+** | **+** | **+** |
| Warmińsko-mazurskie voivodeship  (Masurian Lake District) | Krutynia Nature Reserve and surroundings | 21 | KR\_1-21 | 53.694468, 21.429549 | V.p | EK, LK, EL, JŻ, PŻ | | **+** | **+** | **+** |
| Kozłowo | 15 | KOZ\_1-15 | 53.322972, 20.213389 | H | JŻ, LM | | **+** | **+** |  |
| Ostrów Tarczyński Nature Reserve | 9 | OST\_1-9 | 53.339667, 19.889250 | V.p, H | LM | | **+** | **+** |  |
| Szczupliny | 15 | SZ\_1-15 | 53.374917, 20.001750 | V.e, V.p, H | LM | | **+** | **+** |  |
| **Lithuania E** | | | | | | | | | | |
| Vilnius district | Pravalas Botanical Reserve | 24 | L\_1-24 | 54.958060, 25.676570 | V.e, V.p, H | ZG | | **+** |  | **+** |
| **Total number of samples: 217** | | | | | | | | | | |

\* V.e – *Viola epipsila* ssp. *epipsila*, V.p – *V. palustris* ssp*. palustris*, H – putative hybrids *V. epipsila* x *V. palustris*

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