

Table S3. The most common species occurring in studied patches of vegetation.

Layer	Type of habitat with <i>Arctostaphylos uva-ursi</i> populations			
	Anthropogenic substitute habitats (ant)			Natural (nat.)
	Bógdał (B-ant)	Myszków (MY-ant)	Włoszczowa (W-ant)	Małogoszcz (MA-nat)
A	only <i>Pinus sylvestris</i>	No trees	No trees	only <i>Pinus sylvestris</i>
B	No shrubs	No shrubs	<i>Betula pendula</i> , <i>Pinus sylvestris</i> , <i>Juniperis communis</i>	<i>Frangula alnus</i> , <i>Quercus robur</i>
C	<i>Deschampsia flexuosa</i> , <i>Vaccinium myrtillus</i> , <i>V. vitis-idaea</i>	<i>Calluna vulgaris</i> , <i>Euphorbia cyparissias</i> , <i>Hieracium pilosella</i>	<i>Deschampsia flexuosa</i> , <i>Melampyrum pratensis</i> , <i>Vaccinium vitis-idaea</i> , <i>V. myrtillus</i>	<i>Chimaphila umbellata</i> , <i>Deschampsia flexuosa</i> , <i>Ortilia secunda</i> , <i>Pyrola chlorantha</i> , <i>Vaccinium vitis-idaea</i>