

Supplementary information 1

Table 1. Presence-absence matrix of beneficiary and benefactor plants in wooded-pastures and forest margins in North-Western and Western Romania.

Benefactors	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Prunus spinosa</i>	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	0
<i>Rubus caesius</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Crataegus monogyna</i>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0
<i>Pyrus pyraister N</i>	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	0	1	1
<i>Rosa canina</i>	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	0
<i>Ligustrum vulgare</i>	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
<i>Quercus petraea N</i>	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Carpinus betulus N</i>	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0
<i>Tilia cordata N</i>	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
<i>Quercus pubescens N</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Berberis vulgaris</i>	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Quercus robur N</i>	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
<i>Quercus cerris N</i>	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0
<i>Robiniapseudacacia</i>	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
<i>Cornus sanguinea</i>	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
<i>Ulmus glabra</i>	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Populus tremula N</i>	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>Corylus avellana</i>	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Prunus avium N</i>	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Viburnum lantana</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Betula pendula</i>	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fraxinus angustifolia N</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0
<i>Ulmus minor</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Q. frainetto N</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Acer tataricum N</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

Columns. beneficiary species: 1.*Quercus robur*, 2.*Q. petraea*,3. *Tilia cordata*, 4.*Pyrus pyraister*, 5.*Carpinus betulus*, 6.*Malus sylvestris*, 7.*Acer campestre*,8. *Q. pubescens*, 9.*Q. cerris*,10. *A. tataricum*, 11.*Populus tremula*, 12.*Prunus avium*, 13.*Sorbus torminalis*, 14.*Fraxinus angustifolia*, 15.*Q. frainetto*, 16.*A. platanoides*, 17.*Morus alba*, 18.*A. pseudoplatanus*, 19.*Ulmus minor*