

Supplementary data for the article:

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## Supplementary material

### **Phenolic profiles and antimicrobial activity of various plant resins as potential botanical sources of Serbian propolis**

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#### **Content**

**Table S1. Information about the resin samples, species and geographical origin, with masses and insoluble rests of the samples.**

**Table S2. The correlation coefficient, LOD, LOQ and recovery of the UHPLC-MS/MS Orbitrap analysis**

**Table S1**

Sample	Species	Geographic origin in Serbia	Mass of sample (g)	Mass of insoluble rest (g)
1	Black poplar, <i>Populus nigra</i>	Vojvodina	2.07	0.53
2	Birch, <i>Betula pendula</i>	Zemun	2.03	0.11
3	Black poplar, <i>Populus nigra</i>	Vojvodina	2.10	0.52
4	Black poplar, <i>Populus nigra</i>	Vojvodina	2.04	0.40
5	Black poplar, <i>Populus nigra</i>	Valjevo	2.08	0.57
6	White poplar, <i>Populus alba</i>	Valjevo	2.05	0.28
7	Black poplar, <i>Populus nigra</i>	Valjevo	2.03	0.46
8	Black poplar, <i>Populus nigra</i>	Valjevo	2.04	0.69
9	Black poplar, <i>Populus nigra</i>	Valjevo	2.08	0.42
10	Black poplar, <i>Populus alba</i>	Bečej	2.10	0.45
11	White poplar, <i>Populus alba</i>	Valjevo	2.06	0.22
12	Black poplar, <i>Populus nigra</i>	Valjevo	2.03	1.03
13	White poplar, <i>Populus alba</i>	Valjevo	2.02	0.24
14	Black poplar, <i>Populus nigra</i>	Valjevo	2.10	0.48
15	Black poplar, <i>Populus nigra</i>	Valjevo	2.13	0.86
16	Oak, <i>Quercus robur</i>	Valjevo	2.02	0.09
17	White poplar, <i>Populus alba</i>	Novi Beograd	2.08	0.51
18	White poplar, <i>Populus alba</i>	Valjevo	2.13	0.10
19	Black poplar, <i>Populus nigra</i>	Novi Beograd	2.06	0.69
20	Black poplar, <i>Populus nigra</i>	Bečej	2.15	0.50
21	Black poplar, <i>Populus nigra</i>	Valjevo	2.03	0.48
22	Willow, <i>Salix alba</i>	Valjevo	2.02	0.19
23	Sour cherry, <i>Prunus cerasus</i>	Radmilovac	2.00	0.15
24	Sour cherry, <i>Prunus cerasus</i>	Radmilovac	2.12	0.10
25	Sour cherry, <i>Prunus cerasus</i>	Radmilovac	1.99	0.20
26	Sour cherry, <i>Prunus cerasus</i>	Radmilovac	2.20	0.20
27	Sweet cherry, <i>Prunus avium</i>	Radmilovac	2.08	0.10
28	Sweet cherry <i>Prunus avium</i>	Radmilovac	2.02	0.12
29	Sweet cherry, <i>Prunus avium</i>	Radmilovac	2.06	0.16
30	Sweet cherry, <i>Prunus avium</i>	Radmilovac	2.03	0.10
31	Pear, <i>Pyrus communis</i>	Radmilovac	2.04	0.04
32	Pear, <i>Pyrus communis</i>	Radmilovac	2.02	0.04
33	Plum, <i>Prunus domestica</i>	Radmilovac	2.05	0.28
34	Plum, <i>Prunus domestica</i>	Radmilovac	2.01	0.22
35	Wild cherry, <i>Prunus avium</i>	Radmilovac	2.02	0.13
36	Plum, <i>Prunus domestica</i>	Radmilovac	2.04	0.26
37	Apple, <i>Malus domestica</i>	Radmilovac	2.02	0.33
38	Apple, <i>Malus domestica</i>	Radmilovac	2.08	0.12
39	Plum, <i>Prunus domestica</i>	Radmilovac	2.06	0.22
40	Peach, <i>Prunus persica</i>	Radmilovac	2.06	0.15
41	Quince, <i>Cidonia oblongata</i>	Radmilovac	2.12	0.12
42	Sweet cherry, <i>Prunus avium</i>	Radmilovac	2.01	0.12
43	Sweet cherry, <i>Prunus avium</i>	Radmilovac	2.06	0.21
44	Peach, <i>Prunus persica</i>	Radmilovac	2.04	0.07

45	Apricot, <i>Prunus armeniaca</i>	Radmilovac	2.04	0.13
46	Mahaleb cherry, <i>Prunus mahaleb</i>	Radmilovac	2.03	0.13
47	Peach, <i>Prunus persica</i>	Radmilovac	2.12	0.10
48	White poplar, <i>Populus alba</i>	Zemun	2.04	0.23
49	Apple, <i>Malus domestica</i>	Valjevo	2.02	0.13
50	Lilac, <i>Syringa vulgaris</i>	Beograd	1.96	0.12

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**Table S2**

Compound	$r^2$	LOD (mg/L)	LOQ (mg/L)
Chlorogenic acid	0.9987	0.07	0.22
Catechin	0.9943	0.18	0.61
<i>p</i> -Hydroxybenzoic acid	0.9930	0.26	0.86
Caffeic acid	0.9997	0.68	2.26
Rutin	0.9994	0.10	0.32
Ellagic acid	0.9979	0.15	0.49
<i>p</i> -Coumaric acid	0.9977	0.36	1.20
Ferrulic acid	0.9923	0.35	1.18
Luteolin	0.9991	0.30	0.99
Quercetin	0.9988	0.45	1.49
Apigenin	0.9997	0.73	2.44
Naringenin	0.9991	0.30	1.00
Kaempferol	0.9991	0.33	1.09
Pinobanksin	0.9931	0.35	1.16
Chrysin	0.9979	0.35	1.15
Pinocembrin	0.9997	0.32	1.07
Galangin	0.9998	0.34	1.14