On-line Suppl. Tab. 1. Analytical standards used for HPLC analysis and validation values of the analytical method.

	Reproductability (% RSD)						
	5 ppm	50 ppm	Accuracy RSD (50 ppm)	LOD (Limit of Detection)	LOQ (Limit of Quantification)	Retention Time	Standards supplied from
Chlorogenic acid	0.48	0.86	0.009	0.076	0.76	19.500	HWI group*
Caffeic acid	0.54	0.78	0.008	0.104	1.04	23.467	Sigma
2,4 dihydroxybenzoic acid	0.06	0.78	0.008	0.053	0.53	30.529	Sigma
Neochlorogenic acid	0.53	0.76	0.008	0.080	0.80	11.360	Sigma
Isoquercitrin	0.94	0.78	0.012	1.022	10.22	32.213	HWI group*
Quercitrin	1.39	0.92	0.009	0.254	2.54	35.532	HWI group*
Avicularin	0.82	1.04	0.010	0.243	2.43	35.017	Sigma
Hyperoside	0.32	0.31	0.003	0.524	5.24	31.833	HWI group*
13,118-biapigenin	1.36	0.91	0.009	0.196	1.96	40.758	Sigma
(+)-catechin	0.07	0.62	0.006	0.141	1.41	19.543	Sigma
(–)-epicatechin	0.82	0.72	0.007	0.129	1.29	24.438	Sigma
Pseudohypericin	1.66	0.20	0.002	0.053	0.53	4.104	Sigma
Hypericin	0.50	0.06	0.001	0.019	0.19	12.069	HWI group*
Hyperforin	0.63	0.20	0.002	0.047	0.47	21.120	Sigma

**HWI* ANALYTIK GmbH (Germany).

On-line Spppl. Tab. 2. The name of analytical standards, their assay values, retention times and detection wavelenghts used for HPLC analysis.

Chemical	Assay (%)	Retention time	Wave length (nm)
Pseudohypericin	95	4.104	589
Neochlorogenic acid	95	11.360	320
Hypericin	88.90	12.069	589
Chlorogenic acid	96.67	19.500	320
Catechine	98	19.543	203
Hyperforin	85	21.120	275
Caffeic acid	98	23.467	320
Epicatechine	98	24.438	280
Rutin	95	25.790	360
2,4 dihydroxybenzoic acid	97	30.529	280
Hyperoside	88.55	31.833	360
Isoquercitrine	96.57	32.213	360
Avicularin	90	35.017	360
Quercitrin	88.43	35.532	360
Quercetin	95	39.448	360
13,118- Biapigenin	98	40.758	280

On-line Suppl. Tab 3. Correlation coefficients for secondary metabolite contents and morphological traits in *Hypericum aviculariifolium* subsp. *depilatum* var. *depilatum* populations located in Northern Turkey. Abbreviations: 1 = leaf dark gland density, 2 = leaf translucent gland density, 3 = leaf area, 4 = leaf length/width ratio, 5 = plant height, a = hypericin, b = pseudohypericin, c = hyperforin, d = chlorogenic acid, e = neochlorogenic acid, f = caffeic acid, g = 2,4-dihydroxybenzoic acid, h = 13,118-biapigenin, i = hyperoside, j = isoquercitrin, k = quercitrin, l = avicularin, m = catechin, n = (-)-epicatechin. *P < 0.05, **P < 0.01.

	a	b	c	d	e	f	g	h	i	j	k	l	m	n
1	0.86**	0.92**	0.28	–0.01	–0.21	–0.23	0.21	0.07	0.18	–0.16	0.36	0.59	0.03	0.23
2	0.27	0.43	0.75*	0.60	0.38	–0.12	0.47	0.77*	0.11	0.30	0.71*	0.51	0.64	0.69
3	–0.81**	–0.86**	–0.58	0.18	0.31	0.22	0.12	–0.24	–0.16	0.38	–0.22	–0.34	0.15	0.02
4	–0.31	–0.32	–0.10	–0.04	0.28	0.79	–0.08	–0.36	–0.14	0.30	–0.28	–0.16	–0.06	–0.29
5	0.32	0.31	–0.45	–0.64	–0.48	0.25	–0.36	–0.65	–0.11	–0.27	–0.43	–0.12	–0.65	–0.67