

Table S1: Sterol (Beta-sitosterol, Brassicasterol, Campesterol, Stigmasterol) composition of Amaranth seed oil collected from Italian wild habitats. AVG: Average value, SD: Standard deviation.

		B-sitosterol ppm		Brassica sterol ppm		Campesterol ppm		Stigmasterol ppm	
Species	Region	AVG	SD	AVG	SD	AVG	SD	AVG	SD
<i>A. cruentus</i> L.	VEN	145	125.84	12	9.84	6	5.04	45	8.67
<i>A. hybridus</i> L.	FVG	351	272.93	19	11.36	6	5.37	74	20.21
<i>A. hybridus</i> L.	PIE	0	0.00	13	1.12	4	3.17	130	10.18
<i>A. hybridus</i> L.	VEN	280	266.10	26	15.37	9	7.94	46	11.93
<i>A. hypochondriacus</i> L.	VEN	135	73.67	20	15.94	9	7.63	55	5.22
<i>A. hypochondriacus</i> L.	LAZ	738	474.93	43	30.06	2	2.10	73	20.75
<i>A. muricatus</i> (Gillies ex Moq.) Hieron.	MOL	144	126.38	9	7.82	6	5.78	20	18.27
<i>A. tuberculatus</i> (Moq.) J.D. Sauer.	MAR	47	81.89	23	12.62	5	2.18	8	2.59
<i>A. viridis</i> L.	CAM	66	113.70	10	11.78	4	6.53	11	15.53