

Supplementary Materials: Uptake of Potentially Toxic Elements by Four Plant Species Suitable for Phytoremediation of Turin Urban Soils

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Table S1. Summary of multiple pairwise comparisons on element concentrations in soils obtained with ANOVA and Tukey tests. B identifies soil samples whose mean concentrations in the respective elements are significantly lower than the ones obtained for soil samples identified by A; the same concept applies to C with respect to B and D with respect to C.

Soil Concentration	Group	Elements
CA, CA + FW, NOB, NOB + FW	A	Al, Ca, Ce, Cr, Fe, La, Mg, Mn, Na, Ni, Ti, V
CA, CA+FW NOB, NOB+FW	A B	Ba, Cu, Pb, Zn
CA CA + FW NOB, NOB + FW	A A B B	As
CA NOB CA+FW, NOB + FW	A A B B	K
NOB NOB + FW CA, CA + FW	A A B B	Co
CA CA + FW NOB, NOB + FW	A B C	Cd
CA CA + FW NOB NOB + FW	A B C D	P

Table S2. Element concentration (mg/kg) \pm SD in the plants' aerial parts. NOB = plants grown in Nobile soil, CA = plants grown in Campana soil, FW = addition of amendment to the soil, *p* = *Pteris vittata*, *b* = *Brassica juncea*, *h* = *Helianthus annuus*, *z* = *Zea mays*.

	<i>CAp</i>		<i>CApFW</i>		<i>CAb</i>		<i>CAbFW</i>		<i>CAz</i>		<i>CAzFW</i>		<i>CAh</i>		<i>CAhFW</i>									
Al	158	±	6	69	±	14	45	±	8	97	±	12	34	±	3	162	±	6	57	±	2	24,949	±	0.004
As	104	±	13	14	±	1	0.30	±	0.02	0.26	±	0.04	0.03	±	0.01	0.280	±	0.006	0.17	±	0.01	0.22	±	0.03
Ba	39.4	±	0.1	18.2	±	0.9	77	±	3	29.1	±	0.5	31	±	2	12.5	±	0.4	102	±	6	80.9	±	0.7
Ca	9005	±	121	4294	±	42	34,181	±	858	13949	±	302	8099	±	200	3955	±	154	37,029	±	1924	25,686	±	1338
Cd	0.036	±	0.001	0.017	±	0.001	0.330	±	0.003	0.252	±	0.003	0.161	±	0.008	0.0218	±	0.0004	0.392	±	0.004	0.14	±	0.01
Co	0.160	±	0.005	0.08	±	0.01	0.13	±	0.01	0.078	±	0.006	0.0816	±	0.0002	0.106	±	0.003	0.236	±	0.008	0.178	±	0.004
Cr	0.86	±	0.09	0.58	±	0.08	1.0	±	0.2	0.51	±	0.04	0.65	±	0.05	0.922	±	0.006	0.59	±	0.04	0.24	±	0.02
Cu	3.15	±	0.02	3.4	±	0.2	2.72	±	0.09	3.86	±	0.07	3.39	±	0.01	3.21	±	0.04	13.8	±	0.2	11.1	±	0.2
Fe	149	±	8	78	±	9	75	±	10	127	±	8	52	±	7	174	±	7	101	±	5	75	±	2
K	13,186	±	130	13,770	±	533	17,698	±	476	44,353	±	907	18,387	±	1509	31,616	±	241	36,924	±	1087	54,981	±	3436
Mg	2929	±	6	2021	±	114	2182	±	96	3795	±	28	3712	±	201	2639	±	120	6585	±	201	4538	±	261
Mn	79.7	±	0.5	26	±	2	22	±	1	35.1	±	0.3	56	±	1	24.0	±	0.6	44	±	3	32.7	±	0.9
Na	54	±	2	119	±	15	<9	±		6720	±	178	114	±	6	1230	±	63	72	±	3	1572	±	233
Ni	1.12	±	0.02	0.7	±	0.1	0.66	±	0.02	0.5	±	0.1	0.44	±	0.06	0.9	±	0.1	1.59	±	0.02	0.36	±	0.03
P	1970	±	27	1104	±	47	4030	±	27	4673	±	165	5217	±	34	2597	±	162	4888	±	169	6378	±	414
Pb	1.47	±	0.07	0.54	±	0.05	0.31	±	0.01	0.32	±	0.02	0.55	±	0.02	1.10	±	0.02	0.99	±	0.05	0.4552	±	0.0002
Sr	22.0	±	0.5	10.8	±	0.6	69	±	2	0.661	±	0.004	21.6	±	0.1	8.5	±	0.2	83	±	4	56	±	3
Ti	5	±	1	2.8	±	0.6	0.79	±	0.06	1.5	±	0.1	0.9	±	0.1	4.4	±	0.1	1.8	±	0.2	0.85	±	0.01
V	0.333	±	0.003	0.16	±	0.04	0.15	±	0.01	0.163	±	0.003	0.078	±	0.003	0.33	±	0.02	0.126	±	0.005	0.088	±	0.008
Zn	17	±	1	10.2	±	0.5	25.5	±	0.6	49	±	2	65	±	9	34	±	2	86	±	2	67	±	2
	<i>NOBp</i>				<i>NOBpFW</i>				<i>NOBb</i>				<i>NOBbFW</i>											
Al	155	±		12	±		97	±		5	±		40.3	±		2.4	±		116	±		10	±	
As	61	±		3	±		13.3	±		0.6	±		0.114	±		0.003	±		0.18	±		0.03	±	
Ba	14.8	±		0.5	±		12	±		1	±		4.60	±		0.03	±		10.5	±		0.1	±	
Ca	6907	±		171	±		5781	±		479	±		21,214	±		367	±		20,940	±		301	±	
Cd	0.061	±		0.003	±		0.024237	±		0.002	±		0.16	±		0.01	±		0.164	±		0.005	±	
Co	0.137	±		0.005	±		0.07313	±		0.00008	±		0.22	±		0.01	±		0.087	±		0.005	±	
Cr	1.2	±		0.2	±		0.7	±		0.2	±		0.167	±		0.005	±		0.43	±		0.03	±	
Cu	2.8	±		0.1	±		4.0	±		0.3	±		3.76	±		0.05	±		7.14	±		0.05	±	
Fe	165	±		8	±		112	±		13	±		63	±		2	±		172	±		19	±	
K	10,641	±		489	±		10,626	±		196	±		14,552	±		278	±		40,608	±		575	±	
Mg	2428	±		85	±		2150	±		215	±		3138	±		51	±		4233	±		108	±	
Mn	44	±		2	±		20	±		2	±		37	±		1	±		38.7	±		0.5	±	
Na	41	±		1	±		90	±		2	±		94	±		2	±		4891	±		28	±	
Ni	1.51	±		0.04	±		1.0	±		0.1	±		0.6	±		0.1	±		0.51	±		0.07	±	
P	986	±		21	±		1287	±		48	±		1462	±		11	±		5170	±		31	±	
Pb	1.03	±		0.01	±		1.1	±		0.1	±		0.050	±		0.006	±		0.084	±		0.002	±	
Sr	10.4	±		0.3	±		10.7	±		0.9	±		22.7	±		0.4	±		29.9	±		0.4	±	
Ti	4.5	±		0.8	±		3.4	±		0.5	±		0.8	±		0.1	±		1.54	±		0.05	±	
V	0.38	±		0.03	±		0.21	±		0.02	±		0.0560	±		0.0001	±		0.11	±		0.01	±	
Zn	15.1	±		0.6	±		12.9	±		0.8	±		38.1	±		0.2	±		41.9	±		0.8	±	

Table S3. Element concentration (mg/kg) ± SD in the plants' roots. NOB = plants grown in Nobile soil, CA = plants grown in Campana soil, FW = addition of amendment to the soil, *p* = *Pteris vittata*, *b* = *Brassica juncea*, *h* = *Helianthus annuus*, *z* = *Zea mays*.

	CA _p		CA _p FW		CA _b		CA _b FW		CA _z		CA _z FW		CA _h		CA _h FW	
Al	7901	± 40	6279	± 572	4647	± 1561	1279	± 712	4270	± 830	5837	± 673	4826	± 1168	2633	± 314
As	5.9	± 0.1	5	± 1	3	± 1	1.7	± 0.6	2.6	± 0.5	4.4	± 0.4	2.3	± 0.3	1.0	± 0.1
Ba	137	± 1	161	± 9	85	± 10	65	± 14	84	± 8	112	± 11	80	± 14	43	± 4
Ca	26,366	± 1861	27,207	± 1352	5174	± 706	15,965	± 4799	9625	± 823	12,208	± 960	7525	± 372	6415	± 289
Cd	0.75	± 0.07	0.69	± 0.01	0.21	± 0.03	0.24	± 0.04	0.43	± 0.05	0.26	± 0.02	0.7	± 0.1	0.13	± 0.02
Co	4.6	± 0.1	5.7	± 0.5	2.6	± 0.8	0.9	± 0.2	2.38	± 0.38	2.78	± 0.03	3.1	± 0.5	1.16	± 0.09
Cr	35	± 3	54	± 10	31	± 11	3	± 1	18	± 4	21.3	± 0.4	21	± 6	7	± 1
Cu	114	± 6	103	± 5	23	± 5	21	± 6	59	± 6	27	± 1	63	± 3	20	± 2
Fe	9396	± 560	9628	± 806	5055	± 2265	984	± 388	4242	± 997	6349	± 46	4416	± 871	2113	± 39
K	9408	± 292	11,194	± 1586	11,041	± 588	9578	± 978	13,442	± 502	13,518	± 1836	12,570	± 350	18,834	± 4236
Mg	10,237	± 1103	8497	± 414	2994	± 1124	1822	± 386	3025	± 675	3479	± 113	2915	± 544	2104	± 69
Mn	206	± 2	275	± 12	145	± 38	51	± 23	147	± 23	205	± 7	177	± 34	69	± 6
Na	353.8	± 0.6	65	± 1	291	± 60	991	± 118	2880	± 299	7298	± 1275	595	± 61	9902	± 1154
Ni	44	± 1	66.7	± 0.9	20	± 7	7.0	± 0.7	21	± 3	23	± 1	24	± 4	9.0	± 0.7
P	2975	± 69	3291	± 211	2027	± 108	2731	± 447	2748	± 126	2006	± 75	2922	± 179	3063	± 421
Pb	176	± 9	102	± 8	40	± 8	5	± 2	50	± 6	43.4	± 0.8	49	± 6	16	± 2
Sr	54.7	± 0.3	65	± 1	19	± 2	43	± 8	31	± 2	42	± 9	21	± 2	19	± 7
Ti	123	± 3	149	± 18	73	± 23	13	± 10	79	± 16	122	± 10	86	± 22	49	± 8
V	16.8	± 0.1	26	± 3	11	± 3	3.1	± 0.1	12	± 2	11.4	± 0.8	8	± 2	4	± 0.8
Zn	181	± 1	149	± 10	62	± 11	95	± 24	89	± 7	100	± 9	106	± 7	50	± 3

	NOB _p		NOB _p FW		NOB _b		NOB _b FW				
Al	6422	±	62	± 7822	139	±	3776	± 943	1141	±	184
As	6	±	2	± 3.5	0.4	±	2.1	± 0.1	0.64	±	0.08
Ba	44.9	±	0.8	± 94	6	±	20.5	± 0.8	26	±	4
Ca	15,952	±	73	± 25,911	1534	±	10,447	± 1646	23,911	±	3962
Cd	0.24	±	0.06	± 0.38	0.02	±	0.160	± 0.005	0.118	±	0.005
Co	5.1	±	0.2	± 5.7	0.5	±	3.8	± 0.2	0.57	±	0.06
Cr	47	±	2	± 68	18	±	37	± 4	4.1	±	0.7
Cu	43.4	±	0.7	± 45	2	±	11	± 1	10.5	±	0.9
Fe	7488	±	432	± 9086	666	±	4433	± 976	1199	±	152
K	8066	±	75	± 9364	220	±	9256	± 320	13,397	±	531
Mg	5020	±	240	± 10,237	1103	±	4804	± 1691	2010	±	200
Mn	163	±	5	± 205	7	±	111	± 3	36	±	4
Na	230	±	6	± 370	22	±	146	± 5	1331	±	17
Ni	4.57	±	0.03	± 63	9	±	36	± 6	5.0	±	0.5
P	1243	±	25	± 3837	190	±	1245	± 127	3302	±	164
Pb	12.6	±	0.3	± 13	1	±	1.2	± 0.5	1.6	±	0.2
Sr	45.3	±	0.8	± 60.4	0.5	±	19	± 3	35	±	5

Ti	200	±	5	250	±	14	28	±	14	16.630	±	0.002
V	18.2	±	0.4	23.5	±	0.9	7	±	1	1.52	±	0.08
Zn	156	±	6	181	±	6	47	±	6	63	±	4

Table S4. Summary of multiple comparisons for pairs of the plants' BF with Tukey test. NOB = plants grown in Nobile soil, CA = plants grown in Campana soil, FW = addition of amendment to the soil, *p* = *Pteris vittata*, *b* = *Brassica juncea*, *h* = *Helianthus annuus*, *z* = *Zea mays*. B identifies BF values whose means are significantly lower than the ones obtained for BF values identified by A; the same concept applies to C with respect to B, D with respect to C, E with respect to D and E with respect to F.

BF	Group	Elements
<i>CAp</i>	A	
NOB <i>p</i>	B	
<i>CApFW</i>	C	As
NOB <i>pFW</i>	C D	
<i>CAh, CAhFW, CAb, CAbFW, CAz, CAzFW, NOBb, NOBbFW</i>	D	
<i>CAh, CAhFW, CAp, CApFW, CAb</i>	A	
<i>CAz, NOBpFW</i>	B	
NOB <i>bFW</i>	B C	Ba
<i>CAbFW, NOBb</i>	B C D	
NOB <i>p</i>	C D	
<i>CAzFW</i>	D	
NOB <i>b</i>	A	
<i>CApFW</i>	A B	
NOB <i>bFW</i>	B C	
<i>CAbFW</i>	C D	Cd
<i>CAh, CAhFW, CAz, CAp, NOBpFW</i>	D E	
<i>CAb, NOBp</i>	E F	
<i>CAzFW</i>	F	
<i>CApFW</i>	A	
NOB <i>p, NOBpFW</i>	A B	
<i>CAp</i>	B	
<i>CAhFW, CAz, CAb, NOBb</i>	C	Co
<i>CAh</i>	C D	
<i>CAzFW</i>	D E	
<i>CAbFW, NOBbFW</i>	E	
NOB <i>pFW</i>	A	
<i>CApFW</i>	A B	
NOB <i>p</i>	A B C	
<i>CAp, CAb</i>	B C D	Cr
<i>CAz</i>	C D E	
<i>CAh, CAhFW, NOBb</i>	D E	
<i>CAzFW, CAbFW, NOBbFW</i>	E	
<i>CAp</i>	A	
<i>CApFW</i>	B	
<i>CAh</i>	C	
<i>CAz</i>	C D	
NOB <i>pFW</i>	D E	Cu
NOB <i>p</i>	E	
<i>CAhFW</i>	E F	
<i>CAb, CAbFW, CAzFW, NOBb, NOBbFW</i>	F	
<i>CApFW, NOBpFW</i>	A	
<i>CAp</i>	B	
<i>CAz</i>	C	
<i>CAh, CAhFW, CAb</i>	C D	Ni
<i>CAzFW, NOBb</i>	C D E	
<i>CAbFW, NOBp</i>	D E	
NOB <i>bFW</i>	E	
<i>CAp</i>	A	Pb

CApFW	B	
CAhFW	C	
CAh, CAz	C D	
CAb	D	
CAzFW, CAbFW NOBb, NOBbFW, NOBp, NOBpFW	E	
CAp, NOBb, NOBbFW, NOBpFW	A	
CAh, CAhFW, CAz, CApFW, NOBp	A B	Zn
CAbFW	B	
CAb, CAzFW	C	

Table S5. Summary of multiple comparisons for pairs of the plants' TF with Tukey test. NOB = plants grown in Nobile soil, CA = plants grown in Campana soil, FW = addition of amendment to the soil, *p* = *Pteris vittata*, *b* = *Brassica juncea*, *h* = *Helianthus annuus*, *z* = *Zea mays*. B identifies BF values whose means are significantly lower than the ones obtained for BF values identified by A; the same concept applies to C with respect to B, D with respect to C, E with respect to D, E with respect to F and G with respect to F.

TF	Group	Elements
CAp	A	
NOBp	B	
NOBpFW	C	As
CApFW	C D	
CAb, CAbFW, CAh, CAhFW, CAz, CAzFW NOBb, NOBbFW	D	
CAh	A	
CAb, CAhFW	B	
CAbFW	C	
CAz, NOBbFW	C D	
NOBp	C D E	Ba
CAzFW, CAp	C D E F	
NOBb	D E F	
NOBpFW	E F	
CApFW	F	
CAb, NOBbFW	A	
CAbFW, CAh NOBb	B	Cd
CAhFW	C	
CAz, CAzFW, CAp, CApFW, NOBp, NOBpFW	D	
NOBbFW	A	
CAh	B	
CAzFW	B C	
CAbFW	B C D	
CAhFW	B C D E	Co
NOBb	D E	
CAb	E F	
CAp	E F G	
CAz, NOBp	FG	
CApFW, NOBpFW	G	
CAbFW, CAzFW, NOBbFW	A	
CAh, CAhFW, CAb, CAz, CAp, CApFW, NOBb, NOBp, NOBpFW	B	Cr
NOBbFW	A	
CAhFW, NOBb	B	
CAh	C	
CAbFW	C D	
CAzFW	C D E	Cu
CAb	D E F	
NOBpFW	E F G	
CAz, NOBp	F G	

CA _p , CA _p FW	G	
NOB _p	A	
CA _z FW, CA _b FW, CA _h , NOB _b FW	B	Ni
CA _b , CA _p , CA _p FW, CA _z , CA _h FW, NOB _b , NOB _p FW	C	
NOB _p , NOB _p FW	A	
CA _z FW, CA _b FW	A B	
NOB _b FW	B C	Pb
NOB _b	C D	
CA _h	D E	
CA _z , CA _h FW, CA _b , CA _p , CA _p FW	E	
CA _h	A	
NOB _b	A B	
CA _z FW, CA _h FW, NOB _b FW	B C	Zn
CA _z , CA _b FW	C D	
CA _b	D	
CA _p , CA _p FW, NOB _p , NOB _p FW	E	

Table S6. Bioconcentration factors (BFs) \pm SD. Values > 1 are reported in bold.

	CA no FW								CA FW															
	<i>P. vittata</i>		<i>B. juncea</i>		<i>Z. mays</i>		<i>H. annuus</i>		<i>P. vittata</i>		<i>B. juncea</i>		<i>Z. mays</i>		<i>H. annuus</i>									
As	7	\pm	1	0.20	\pm	0.08	0.15	\pm	0.02	0.17	\pm	0.03	1.57	\pm	0.01	0.16	\pm	0.05	0.10	\pm	0.01	0.38	\pm	0.04
Ba	0.51	\pm	0.04	0.47	\pm	0.05	0.32	\pm	0.05	0.54	\pm	0.05	0.49	\pm	0.02	0.26	\pm	0.04	0.15	\pm	0.01	0.52	\pm	0.04
Cd	0.67	\pm	0.08	0.47	\pm	0.04	0.74	\pm	0.08	0.71	\pm	0.07	1.30	\pm	0.06	0.9	\pm	0.1	0.29	\pm	0.04	0.75	\pm	0.06
Co	0.27	\pm	0.03	0.16	\pm	0.05	0.19	\pm	0.03	0.15	\pm	0.03	0.37	\pm	0.01	0.06	\pm	0.01	0.08	\pm	0.01	0.19	\pm	0.02
Cr	0.3	\pm	0.1	0.3	\pm	0.1	0.18	\pm	0.06	0.15	\pm	0.04	0.38	\pm	0.01	0.03	\pm	0.01	0.06	\pm	0.01	0.15	\pm	0.03
Cu	1.5	\pm	0.2	0.32	\pm	0.07	0.83	\pm	0.09	0.9	\pm	0.1	1.21	\pm	0.02	0.28	\pm	0.06	0.27	\pm	0.03	0.43	\pm	0.02
Ni	0.33	\pm	0.01	0.16	\pm	0.05	0.18	\pm	0.03	0.17	\pm	0.03	0.49	\pm	0.01	0.05	\pm	0.01	0.07	\pm	0.01	0.17	\pm	0.03
Pb	0.51	\pm	0.04	0.12	\pm	0.02	0.14	\pm	0.02	0.15	\pm	0.02	0.383	\pm	0.001	0.02	\pm	0.01	0.06	\pm	0.01	0.164	\pm	0.003
Zn	0.87	\pm	0.09	0.38	\pm	0.06	0.75	\pm	0.09	0.77	\pm	0.08	0.70	\pm	0.05	0.6	\pm	0.1	0.37	\pm	0.02	0.73	\pm	0.05
	NOB no FW								NOB FW															
	<i>P. vittata</i>				<i>B. juncea</i>				<i>P. vittata</i>				<i>B. juncea</i>											
As	3.8	\pm	0.4	0.24	\pm	0.02	0.9	\pm	0.2	0.09	\pm	0.02	0.09	\pm	0.02									
Ba	0.19	\pm	0.03	0.24	\pm	0.03	0.34	\pm	0.04	0.28	\pm	0.05	0.28	\pm	0.05									
Cd	0.56	\pm	0.14	1.5	\pm	0.3	0.76	\pm	0.08	1.2	\pm	0.1	1.2	\pm	0.1									
Co	0.30	\pm	0.02	0.17	\pm	0.02	0.33	\pm	0.04	0.032	\pm	0.004	0.032	\pm	0.004									
Cr	0.33	\pm	0.05	0.15	\pm	0.03	0.5	\pm	0.1	0.017	\pm	0.004	0.017	\pm	0.004									
Cu	0.58	\pm	0.05	0.36	\pm	0.04	0.6	\pm	0.1	0.34	\pm	0.04	0.34	\pm	0.04									
Ni	0.05	\pm	0.01	0.15	\pm	0.03	0.5	\pm	0.1	0.02	\pm	0.01	0.02	\pm	0.01									
Pb	0.043	\pm	0.001	0.04	\pm	0.01	0.045	\pm	0.004	0.049	\pm	0.005	0.049	\pm	0.005									
Zn	0.76	\pm	0.06	0.88	\pm	0.09	0.86	\pm	0.05	0.90	\pm	0.06	0.90	\pm	0.06									

Table S7. Translocation factors (TFs) \pm SD. Values > 1 are reported in bold.

	CA												CA+ FW											
	<i>P. vittata</i>			<i>B. juncea</i>			<i>Z. mays</i>			<i>H. annuus</i>			<i>P. vittata</i>		<i>B. juncea</i>		<i>Z. mays</i>		<i>H. annuus</i>					
As	18	\pm	2	0.11	\pm	0.04	0.013	\pm	0.004	0.06	\pm	0.01	2.7	\pm	0.6	0.16	\pm	0.06	0.29	\pm	0.03	0.05	\pm	0.01
Ba	0.289	\pm	0.003	0.9	\pm	0.1	0.38	\pm	0.07	1.2	\pm	0.1	0.11	\pm	0.01	0.4	\pm	0.1	0.29	\pm	0.03	0.72	\pm	0.07
Cd	0.049	\pm	0.005	1.6	\pm	0.2	0.23	\pm	0.02	0.9	\pm	0.1	0.025	\pm	0.002	1.1	\pm	0.2	0.16	\pm	0.02	0.54	\pm	0.05
Co	0.035	\pm	0.001	0.05	\pm	0.01	0.026	\pm	0.004	0.10	\pm	0.02	0.014	\pm	0.003	0.09	\pm	0.02	0.09	\pm	0.01	0.064	\pm	0.002
Cr	0.024	\pm	0.003	0.03	\pm	0.01	0.03	\pm	0.01	0.03	\pm	0.01	0.011	\pm	0.002	0.17	\pm	0.07	0.13	\pm	0.02	0.011	\pm	0.001
Cu	0.028	\pm	0.002	0.12	\pm	0.03	0.054	\pm	0.003	0.23	\pm	0.03	0.033	\pm	0.003	0.18	\pm	0.05	0.16	\pm	0.02	0.42	\pm	0.02
Ni	0.025	\pm	0.001	0.03	\pm	0.01	0.018	\pm	0.004	0.08	\pm	0.01	0.011	\pm	0.002	0.08	\pm	0.02	0.10	\pm	0.01	0.015	\pm	0.001
Pb	0.008	\pm	0.001	0.008	\pm	0.002	0.011	\pm	0.001	0.020	\pm	0.003	0.005	\pm	0.001	0.07	\pm	0.02	0.07	\pm	0.01	0.0105	\pm	0.0002
Zn	0.093	\pm	0.006	0.41	\pm	0.07	0.6	\pm	0.1	0.97	\pm	0.08	0.07	\pm	0.01	0.5	\pm	0.1	0.67	\pm	0.06	0.67	\pm	0.07
	NOB												NOB + FW											
	<i>P. vittata</i>			<i>B. juncea</i>			<i>P. vittata</i>			<i>B. juncea</i>														
As	10	\pm	3	0.054	\pm	0.004	3.8	\pm	0.5	0.28	\pm	0.06												
Ba	0.33	\pm	0.01	0.22	\pm	0.01	0.13	\pm	0.01	0.40	\pm	0.07												
Cd	0.25	\pm	0.06	1.00	\pm	0.09	0.06	\pm	0.01	1.39	\pm	0.07												
Co	0.027	\pm	0.001	0.06	\pm	0.01	0.013	\pm	0.001	0.15	\pm	0.02												
Cr	0.026	\pm	0.003	0.005	\pm	0.001	0.011	\pm	0.004	0.10	\pm	0.02												
Cu	0.064	\pm	0.003	0.36	\pm	0.04	0.09	\pm	0.01	0.68	\pm	0.06												
Ni	0.33	\pm	0.01	0.017	\pm	0.004	0.016	\pm	0.002	0.10	\pm	0.02												
Pb	0.082	\pm	0.002	0.04	\pm	0.02	0.08	\pm	0.01	0.05	\pm	0.01												
Zn	0.10	\pm	0.01	0.8	\pm	0.1	0.07	\pm	0.01	0.67	\pm	0.05												