

Appendix A

Supplementary Material

Appendix A: Table 1. Mean (\pm SE) germination percentages ($n = 3$ replicates of 25 seeds) in the control and treatments for each species considered (for species codes, see Table 1 in the article). Species in which seeds were subjected to heat shock pre-treatment are indicated by '#'. The significance levels refer to the analysis of deviance (GLM) of the pairwise comparison of each treatment with the control ($*p < 0.05$; $**p < 0.01$; $***p < 0.001$; $****p < 0.0001$). Values that are considered significantly different from the control ($p < 0.01$) are indicated in bold. Underlined codes (AFU, CBU and SBE) are species where the combination of KAR₁ and MAN had a synergistic effect on germination (see data analysis section for more details).

Species codes	TREATMENT							
	Control	SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	36 \pm 8	48 \pm 12	42 \pm 5	49 \pm 7	56 \pm 4*	71 \pm 8***	63 \pm 4**	55 \pm 8*
<u>AFU</u>	4 \pm 4	23 \pm 5**	30 \pm 2***	13 \pm 5	9 \pm 7	28 \pm 3***	56 \pm 4****	29 \pm 4***
<u>CBU</u>	3 \pm 3	11 \pm 4	14 \pm 1*	4 \pm 2	6 \pm 1	56 \pm 14****	56 \pm 5****	4 \pm 2
HSA #	4 \pm 0	20 \pm 6**	15 \pm 1*	11 \pm 1	5 \pm 1	1 \pm 1	10 \pm 2	3 \pm 2
PEX	69 \pm 6	90 \pm 4**	72 \pm 2	97 \pm 3***	89 \pm 6**	97 \pm 3***	93 \pm 3***	78 \pm 3
PRH	40 \pm 1	25 \pm 8*	24 \pm 4*	33 \pm 5	34 \pm 4	51 \pm 1	48 \pm 8	51 \pm 6
<u>SBE</u>	0 \pm 0	0 \pm 0	0 \pm 0	3 \pm 1	65 \pm 9****	89 \pm 2****	3 \pm 1	1 \pm 1
Variable herbs								
CFO	95 \pm 3	95 \pm 3	97 \pm 3	94 \pm 4	99 \pm 1	96 \pm 0	99 \pm 1	99 \pm 1
DCA	38 \pm 8	51 \pm 14	43 \pm 4	43 \pm 3	39 \pm 11	55 \pm 1*	61 \pm 6**	55 \pm 3*
OCA	16 \pm 3	67 \pm 14****	34 \pm 5*	86 \pm 2****	29 \pm 13	87 \pm 6****	39 \pm 9**	31 \pm 3
OIL	91 \pm 5	100 \pm 0	93 \pm 4	100 \pm 0	89 \pm 6	92 \pm 4	100 \pm 0	89 \pm 5
PSP	95 \pm 3	93 \pm 2	82 \pm 4	100 \pm 0	49 \pm 6****	100 \pm 0	84 \pm 1	34 \pm 7****
SRO	11 \pm 3	15 \pm 5	11 \pm 5	5 \pm 3	3 \pm 1	3 \pm 3	1 \pm 1*	7 \pm 1
Perennial herbs								
APA #	31 \pm 11	74 \pm 9****	63 \pm 5****	42 \pm 4	76 \pm 7****	69 \pm 2****	75 \pm 2****	77 \pm 5****
HPE	1 \pm 1	0 \pm 0	0 \pm 0	3 \pm 3	0 \pm 0	2 \pm 2	0 \pm 0	1 \pm 1
ITI	82 \pm 3	95 \pm 3*	100 \pm 0**	95 \pm 0	93 \pm 4	96 \pm 4*	100 \pm 0**	87 \pm 4
OHI	93 \pm 1	98 \pm 2	100 \pm 0	96 \pm 2	100 \pm 0	98 \pm 2	100 \pm 0	98 \pm 2
PAU	95 \pm 3	87 \pm 2	79 \pm 3*	95 \pm 3	90 \pm 3	91 \pm 2	100 \pm 0	69 \pm 8**
RTU	65 \pm 6	89 \pm 1**	79 \pm 4	94 \pm 3***	97 \pm 3****	100 \pm 0****	98 \pm 2****	72 \pm 5

SCR	7 ± 5	11 ± 2	3 ± 2	52 ± 7****	7 ± 1	57 ± 3****	2 ± 2	12 ± 1
SMI	67 ± 5	78 ± 5	82 ± 2*	84 ± 2*	72 ± 5	87 ± 3**	70 ± 1	85 ± 4*
SVU	92 ± 5	87 ± 7	95 ± 1	95 ± 1	93 ± 3	94 ± 6	99 ± 1	90 ± 1
TLE	39 ± 9	38 ± 3	27 ± 9	38 ± 2	41 ± 5	47 ± 7	55 ± 9	36 ± 2
TSP	96 ± 2	90 ± 3	90 ± 5	93 ± 1	90 ± 4	93 ± 2	95 ± 3	96 ± 3
Geophytes								
MCO	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0
ONA	5 ± 1	4 ± 2	1 ± 1	0 ± 0	3 ± 1	4 ± 0	7 ± 3	0 ± 0
Woody species								
CCR #	93 ± 3	86 ± 1	84 ± 1	97 ± 1	97 ± 1	89 ± 3	97 ± 3	93 ± 1
CLA #	34 ± 1	24 ± 9	33 ± 5	28 ± 8	22 ± 4	20 ± 2	34 ± 9	23 ± 6
CPA #	47 ± 6	43 ± 7	41 ± 3	28 ± 3*	31 ± 11	27 ± 4*	48 ± 6	40 ± 6
CSA #	18 ± 5	12 ± 4	18 ± 4	16 ± 6	23 ± 2	15 ± 9	12 ± 7	38 ± 6**
PBO	14 ± 3	26 ± 7	21 ± 4	17 ± 4	32 ± 12	15 ± 1	9 ± 1	13 ± 2
SFR	0 ± 0	0 ± 0	0 ± 0	2 ± 2	0 ± 0	0 ± 0	0 ± 0	0 ± 0
TSPI	5 ± 5	17 ± 3*	13 ± 4	6 ± 3	14 ± 1	24 ± 2**	18 ± 7*	6 ± 0

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.

Appendix A: Table 2. Mean (\pm SE) root length (mm, $n= 3$ replicates of 5 seedlings) in the control and treatments for each species considered (for species codes, see Table 1 in the article). The significance of the pairwise comparison of each treatment with the control (according to Dunnett's test) is given ($*p < 0.05$; $**p < 0.01$; $***p < 0.001$; $****p < 0.0001$). Values that are significantly different from the control ($p < 0.01$) are indicated by boldface type.

Species codes	TREATMENT							
	Control	SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	88 \pm 23	78 \pm 17	87 \pm 22	74 \pm 8	64 \pm 5	55 \pm 7	56 \pm 10	72 \pm 7
LCU	34 \pm 2	38 \pm 2	39 \pm 2	40 \pm 2	36 \pm 1	40 \pm 2	31 \pm 2	38 \pm 2
PEX	20 \pm 2	26 \pm 2*	22 \pm 1	21 \pm 2	16 \pm 1	15 \pm 1*	18 \pm 1	20 \pm 1
Variable herbs								
CFO	22 \pm 2	18 \pm 3	16 \pm 2	24 \pm 3	16 \pm 2	23 \pm 6	28 \pm 2	34 \pm 3*
DCA	15 \pm 2	19 \pm 1	19 \pm 1	17 \pm 1	26 \pm 1****	23 \pm 2**	20 \pm 1	21 \pm 1*
SAS	38 \pm 2	28 \pm 5	29 \pm 5	37 \pm 2	39 \pm 3	24 \pm 1*	38 \pm 3	26 \pm 2*
TLO	20 \pm 3	24 \pm 4	45 \pm 3****	33 \pm 5	12 \pm 1	46 \pm 3****	42 \pm 3****	34 \pm 4*
Perennial herbs								
ITI	33 \pm 6	25 \pm 2	34 \pm 2	37 \pm 4	35 \pm 7	37 \pm 4	40 \pm 4	27 \pm 3
RTU	44 \pm 3	47 \pm 2	49 \pm 3	54 \pm 2*	37 \pm 2	46 \pm 2	47 \pm 1	46 \pm 2
SMI	31 \pm 3	22 \pm 3	28 \pm 2	47 \pm 3***	31 \pm 2	47 \pm 2****	58 \pm 4****	50 \pm 2****
SVU	32 \pm 2	33 \pm 1	30 \pm 3	36 \pm 3	32 \pm 1	36 \pm 2	44 \pm 2****	29 \pm 2
TLE	24 \pm 2	25 \pm 2	40 \pm 2**	47 \pm 6****	34 \pm 1	45 \pm 2****	35 \pm 3	37 \pm 3*
Unknown herbs								
PSP	57 \pm 3	66 \pm 5	68 \pm 4	72 \pm 5	67 \pm 4	72 \pm 3	70 \pm 2	63 \pm 5
TSP	12 \pm 1	13 \pm 1	17 \pm 1	19 \pm 2*	15 \pm 2	18 \pm 2	23 \pm 3***	19 \pm 1*
Woody species								
CCR	14 \pm 1	17 \pm 1	14 \pm 1	18 \pm 1	20 \pm 1***	17 \pm 1	17 \pm 1	20 \pm 1**
LST	16 \pm 2	18 \pm 1	23 \pm 3*	22 \pm 1*	15 \pm 1	16 \pm 1	13 \pm 1	11 \pm 2

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.

Appendix A: Table 3. Mean (\pm SE) shoot length (mm, $n=3$ replicates of 5 seedlings) in the control and treatments for each species considered (for species codes, see Table 1 in the article). The significance of the pairwise comparison of each treatment with the control (according to Dunnett's test) is given ($*p < 0.05$; $**p < 0.01$; $***p < 0.001$; $****p < 0.0001$). Values that are significantly different from the control ($p < 0.01$) are indicated by boldface type.

Species codes	TREATMENT							
	Control	SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	129 \pm 16	126 \pm 5	110 \pm 5	118 \pm 6	136 \pm 3	113 \pm 5	125 \pm 4	141 \pm 4
LCU	29 \pm 1	24 \pm 1	24 \pm 2	25 \pm 2	26 \pm 3	27 \pm 2	28 \pm 2	28 \pm 1
PEX	12 \pm 1	13 \pm 1	13 \pm 1	11 \pm 0	11 \pm 1	11 \pm 1	13 \pm 1	15 \pm 1
Variable herbs								
CFO	6 \pm 1	11 \pm 2*	6 \pm 1	7 \pm 1	5 \pm 0	5 \pm 1	8 \pm 1	11 \pm 1**
DCA	18 \pm 1	18 \pm 1	20 \pm 1	15 \pm 1	18 \pm 1	23 \pm 1*	19 \pm 1	21 \pm 1
SAS	10 \pm 2	8 \pm 2	6 \pm 1	7 \pm 1	8 \pm 1	8 \pm 1	7 \pm 1	6 \pm 1
TLO	23 \pm 1	18 \pm 2	24 \pm 1	26 \pm 1	18 \pm 1	25 \pm 2	23 \pm 1	25 \pm 1
Perennial herbs								
ITI	25 \pm 1	25 \pm 5	31 \pm 3	25 \pm 4	26 \pm 4	29 \pm 2	32 \pm 2	30 \pm 2
RTU	13 \pm 1	13 \pm 1	12 \pm 1	12 \pm 1	14 \pm 1	12 \pm 0	11 \pm 1	14 \pm 1
SMI	21 \pm 1	22 \pm 1	25 \pm 1	22 \pm 1	22 \pm 1	21 \pm 1	24 \pm 2	28 \pm 2**
SVU	33 \pm 2	33 \pm 2	34 \pm 2	30 \pm 1	29 \pm 2	29 \pm 2	34 \pm 2	34 \pm 2
TLE	51 \pm 1	44 \pm 3	46 \pm 2	42 \pm 3	40 \pm 1*	46 \pm 2	42 \pm 3	60 \pm 3
Unknown herbs								
PSP	14 \pm 1	14 \pm 1	14 \pm 1	13 \pm 1	15 \pm 1	11 \pm 1	14 \pm 2	16 \pm 1
TSP	7 \pm 0	6 \pm 1	6 \pm 0	6 \pm 0	7 \pm 0	6 \pm 0	7 \pm 0	7 \pm 0
Woody species								
CCR	16 \pm 1	15 \pm 1	14 \pm 1	15 \pm 1	15 \pm 1	16 \pm 1	17 \pm 1	18 \pm 1
LST	24 \pm 1	24 \pm 2	23 \pm 2	22 \pm 1	24 \pm 2	19 \pm 1	24 \pm 1	26 \pm 2

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.

Appendix A: Table 4. Mean (\pm SE) total seedling length (mm, n= 3 replicates of 5 seedlings) in the control and treatments for each species considered (for species codes, see Table 1 in the article). The significance of the pairwise comparison of each treatment with the control (according to Dunnett's test) is given ($*p < 0.05$; $**p < 0.01$; $***p < 0.001$; $****p < 0.0001$). Values that are significantly different from the control ($p < 0.01$) are indicated by boldface type.

Species codes	TREATMENT							
	Control	SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	218 \pm 40	204 \pm 14	197 \pm 23	191 \pm 10	200 \pm 5	168 \pm 10	181 \pm 11	213 \pm 8
LCU	63 \pm 2	62 \pm 2	63 \pm 2	65 \pm 2	62 \pm 3	67 \pm 3	59 \pm 3	66 \pm 2
PEX	32 \pm 3	39 \pm 2	35 \pm 1	32 \pm 2	27 \pm 2	26 \pm 1	31 \pm 2	35 \pm 2
Variable herbs								
CFO	28 \pm 3	29 \pm 5	21 \pm 2	31 \pm 3	21 \pm 2	29 \pm 6	36 \pm 3	45 \pm 3**
DCA	33 \pm 2	37 \pm 2	39 \pm 2	32 \pm 2	44 \pm 1**	46 \pm 3***	39 \pm 1	42 \pm 1**
SAS	48 \pm 4	36 \pm 5	36 \pm 5	45 \pm 2	47 \pm 3	32 \pm 1*	45 \pm 3	31 \pm 2**
TLO	44 \pm 3	41 \pm 6	70 \pm 3****	60 \pm 5	30 \pm 2	71 \pm 4****	65 \pm 4**	59 \pm 5
Perennial herbs								
ITI	58 \pm 6	50 \pm 6	65 \pm 3	62 \pm 7	61 \pm 11	66 \pm 4	72 \pm 5	57 \pm 4
RTU	56 \pm 3	61 \pm 3	61 \pm 3	66 \pm 2*	51 \pm 2	58 \pm 2	58 \pm 1	61 \pm 2
SMI	52 \pm 3	43 \pm 3	53 \pm 2	70 \pm 4***	53 \pm 2	68 \pm 1**	82 \pm 4****	78 \pm 3****
SVU	65 \pm 3	67 \pm 2	64 \pm 3	66 \pm 4	61 \pm 2	65 \pm 3	79 \pm 2**	63 \pm 3
TLE	75 \pm 2	69 \pm 4	86 \pm 3	89 \pm 7	73 \pm 1	92 \pm 4	77 \pm 6	97 \pm 5*
Unknown herbs								
PSP	71 \pm 3	80 \pm 5	82 \pm 4	85 \pm 5	82 \pm 4	83 \pm 3	84 \pm 3	79 \pm 5
TSP	19 \pm 1	18 \pm 1	23 \pm 1	25 \pm 2	23 \pm 2	24 \pm 2	30 \pm 3***	25 \pm 1*
Woody species								
CCR	31 \pm 2	32 \pm 1	28 \pm 1	34 \pm 2	36 \pm 1	33 \pm 1	34 \pm 2	38 \pm 1**
LST	41 \pm 2	42 \pm 2	45 \pm 3	44 \pm 2	39 \pm 2	35 \pm 2	36 \pm 1	37 \pm 3

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.

Appendix A: Table 5. Mean (\pm SE) root-shoot ratio (n= 3 replicates of 5 seedlings) in the control and treatments for each species considered (for species codes, see Table 1 in the article). The significance of the pairwise comparison of each treatment with the control (according to Dunnett's test) is given (* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$; **** $p < 0.0001$). Values that are significantly different from the control ($p < 0.01$) are indicated by boldface type.

Species codes	Control	TREATMENT						
		SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	0.64 \pm 0.12	0.63 \pm 0.15	0.79 \pm 0.19	0.64 \pm 0.08	0.48 \pm 0.04	0.49 \pm 0.06	0.45 \pm 0.08	0.52 \pm 0.05
LCU	1.20 \pm 0.10	1.59 \pm 0.12	1.72 \pm 0.17	1.76 \pm 0.21*	1.59 \pm 0.24	1.54 \pm 0.17	1.15 \pm 0.10	1.34 \pm 0.07
PEX	1.69 \pm 0.09	2.07 \pm 0.19	1.81 \pm 0.16	2.04 \pm 0.16	1.40 \pm 0.05	1.45 \pm 0.27	1.37 \pm 0.13	1.41 \pm 0.15
Variable herbs								
CFO	3.95 \pm 0.24	1.86 \pm 0.34	2.85 \pm 0.24	3.47 \pm 0.78	3.01 \pm 0.43	4.58 \pm 1.21	3.95 \pm 0.52	3.12 \pm 0.36
DCA	0.84 \pm 0.08	1.09 \pm 0.08	0.99 \pm 0.06	1.14 \pm 0.09	1.48 \pm 0.13****	1.05 \pm 0.13	1.06 \pm 0.07	1.01 \pm 0.08
PSP	4.06 \pm 0.17	4.86 \pm 0.42	5.02 \pm 0.50	5.63 \pm 0.53	4.72 \pm 0.59	7.32 \pm 1.07**	5.30 \pm 0.66	4.20 \pm 0.53
SAS	4.71 \pm 0.82	4.32 \pm 1.03	4.92 \pm 0.50	5.70 \pm 0.64	4.97 \pm 0.66	3.11 \pm 0.41	6.29 \pm 0.95	4.72 \pm 0.37
TLO	0.88 \pm 0.12	1.26 \pm 0.12	1.88 \pm 0.13****	1.29 \pm 0.17	0.69 \pm 0.08	1.94 \pm 0.17****	1.87 \pm 0.12****	1.37 \pm 0.15
Perennial herbs								
ITI	1.33 \pm 0.24	1.11 \pm 0.24	1.17 \pm 0.12	1.54 \pm 0.15	1.39 \pm 0.16	1.33 \pm 0.15	1.28 \pm 0.13	0.93 \pm 0.08
RTU	3.62 \pm 0.30	3.61 \pm 0.23	4.26 \pm 0.36	4.65 \pm 0.28	2.66 \pm 0.17	3.94 \pm 0.27	4.26 \pm 0.28	3.42 \pm 0.27
SMI	1.53 \pm 0.15	1.02 \pm 0.18	1.13 \pm 0.13	2.16 \pm 0.13	1.44 \pm 0.12	2.45 \pm 0.24**	2.57 \pm 0.28***	1.84 \pm 0.14
SVU	0.97 \pm 0.09	1.04 \pm 0.06	0.91 \pm 0.11	1.21 \pm 0.12	1.21 \pm 0.14	1.31 \pm 0.13	1.33 \pm 0.11	0.88 \pm 0.07
TLE	0.47 \pm 0.03	0.58 \pm 0.04	0.86 \pm 0.07**	1.14 \pm 0.15****	0.86 \pm 0.05**	0.99 \pm 0.06****	0.82 \pm 0.06**	0.61 \pm 0.05
TSP	1.94 \pm 0.24	2.27 \pm 0.27	2.93 \pm 0.45	3.34 \pm 0.22**	2.16 \pm 0.22	3.36 \pm 0.45*	3.24 \pm 0.27*	2.80 \pm 0.25
Woody species								
CCR	0.91 \pm 0.08	1.12 \pm 0.06	1.06 \pm 0.08	1.22 \pm 0.08	1.34 \pm 0.08	1.07 \pm 0.06	1.09 \pm 0.13	1.15 \pm 0.10
LST	0.70 \pm 0.09	0.76 \pm 0.08	1.03 \pm 0.15*	1.02 \pm 0.09*	0.64 \pm 0.06	0.86 \pm 0.07	0.54 \pm 0.04	0.46 \pm 0.07

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.

Appendix A: Table 6. Mean (\pm SE) total seedling dry weight (mg, $n=3$ replicates of 5 seedlings) in the control and treatments for each species considered (for species codes, see Table 1 in the article). The significance of the pairwise comparison of each treatment with the control (according to Dunnett's test) is given ($*p < 0.05$; $**p < 0.01$; $***p < 0.001$; $****p < 0.0001$). Values that are significantly different from the control ($p < 0.01$) are indicated by boldface type.

Species codes	TREATMENT							
	Control	SW-STR	SW-CEL	KAR ₁	MAN	KAR ₁ +MAN	KNO ₃	GA ₃
Annual herbs								
ABA	8.97 \pm 1.52	11.90 \pm 0.69	10.15 \pm 0.44	10.08 \pm 0.63	11.05 \pm 0.43	10.33 \pm 0.96	10.81 \pm 0.74	9.89 \pm 0.58
LCU	0.47 \pm 0.02	0.49 \pm 0.04	0.54 \pm 0.03	0.58 \pm 0.07	0.50 \pm 0.05	0.53 \pm 0.04	0.52 \pm 0.04	0.49 \pm 0.03
PEX	0.18 \pm 0.03	0.31 \pm 0.03	0.30 \pm 0.04	0.25 \pm 0.04	0.27 \pm 0.04	0.36 \pm 0.04**	0.41 \pm 0.04***	0.26 \pm 0.02
Variable herbs								
CFO	0.13 \pm 0.02	0.14 \pm 0.02	0.28 \pm 0.03**	0.23 \pm 0.01	0.26 \pm 0.04*	0.22 \pm 0.03	0.33 \pm 0.04***	0.40 \pm 0.02****
DCA	0.41 \pm 0.04	0.45 \pm 0.03	0.42 \pm 0.02	0.48 \pm 0.04	0.48 \pm 0.03	0.54 \pm 0.05	0.51 \pm 0.03	0.51 \pm 0.04
SAS	0.33 \pm 0.03	0.34 \pm 0.04	0.29 \pm 0.04	0.33 \pm 0.05	0.31 \pm 0.02	0.25 \pm 0.04	0.37 \pm 0.05	0.31 \pm 0.03
TLO	1.69 \pm 0.15	1.77 \pm 0.13	2.62 \pm 0.15**	2.43 \pm 0.23*	1.83 \pm 0.06	2.64 \pm 0.30**	2.24 \pm 0.15	2.12 \pm 0.15
Perennial herbs								
ITI	1.97 \pm 0.24	1.87 \pm 0.25	1.81 \pm 0.11	1.92 \pm 0.26	1.94 \pm 0.33	1.85 \pm 0.21	1.91 \pm 0.13	2.19 \pm 0.22
RTU	0.49 \pm 0.07	0.51 \pm 0.09	0.42 \pm 0.03	0.66 \pm 0.04	0.67 \pm 0.07	0.66 \pm 0.04	0.62 \pm 0.05	0.66 \pm 0.03
SMI	1.44 \pm 0.21	1.21 \pm 0.10	1.30 \pm 0.18	1.59 \pm 0.13	1.31 \pm 0.17	1.20 \pm 0.11	1.46 \pm 0.12	1.54 \pm 0.09
SVU	0.74 \pm 0.05	0.78 \pm 0.04	0.79 \pm 0.06	0.87 \pm 0.05	0.78 \pm 0.03	0.77 \pm 0.06	0.90 \pm 0.03	0.83 \pm 0.04
TLE	0.86 \pm 0.09	0.81 \pm 0.08	1.11 \pm 0.05	1.09 \pm 0.10	1.11 \pm 0.03	1.03 \pm 0.08	1.12 \pm 0.09	1.15 \pm 0.11
Unknown herbs								
PSP	0.70 \pm 0.01	0.76 \pm 0.06	0.76 \pm 0.07	0.71 \pm 0.04	0.71 \pm 0.06	0.64 \pm 0.04	0.74 \pm 0.05	0.68 \pm 0.04
TSP	0.36 \pm 0.02	0.42 \pm 0.04	0.40 \pm 0.05	0.42 \pm 0.02	0.39 \pm 0.03	0.42 \pm 0.05	0.50 \pm 0.03*	0.50 \pm 0.03*
Woody species								
CCR	0.61 \pm 0.04	0.56 \pm 0.02	0.52 \pm 0.04	0.54 \pm 0.05	0.63 \pm 0.04	0.54 \pm 0.04	0.55 \pm 0.03	0.54 \pm 0.02
LST	0.44 \pm 0.03	0.46 \pm 0.06	0.45 \pm 0.03	0.44 \pm 0.03	0.43 \pm 0.03	0.45 \pm 0.03	0.36 \pm 0.02	0.47 \pm 0.05

*SW-STR, SW-CEL, KAR₁ and MAN are abbreviations for straw-derived smoke-water, cellulose-derived smoke-water, karrikinolide and mandelonitrile, respectively.