

**Supplementary Figure 1.** Information table of tree bark samples from Weifang and Yantai, Shandong province, China

City	Sample	Longitude	Latitude	City	Sample	Longitude	Latitude	
Weifang	WB1		37°7'15.2	Yantai	YB1	121°19'3	37°32'32	
		119°0'18"	4"				3"	"
	WB2	119°0'58"	37°6'58"		YB2	121°43'4	37°17'17	
						8"	"	
	WB3	119°0'18"	37°6'57"		YB3	121°17'5	37°32'7"	
						3"		
	WB4	119°0'21.6	37°7'58.8"		YB4	121°17'3	37°32'10	
		0"				4"	"	
WB5	119°0'18"	37°6'54"	YB5	121°32'1	37°32'13			
				3"	"			
WB6	119°0'50.4	37°7'19.2"	YB6	121°18'4	37°32'19			
	"			6"	"			
WB7	119°0'3.60	37°7'19.2"	YB7	121°23'5	37°31'8"			
	"			9"				
WB8	119°1'19.2	37°7'26.4	YB8	121°22'4	37°32'12			
	0"	0"		0"	"			
			YB9	121°25'2	37°31'32			
				1"	"			

WB: Weifang bark,; YB: Yantai bark.

**Supplementary Table 2.** Information on organophosphate esters in this study

No.	Name	Acronym	CAS	Log <sub>K<sub>ow</sub></sub>
1	Tris(2-chloroethyl)phosphate	TCEP	114-96-8	1.44
2	Tris(2-chloroisopropyl) phosphate	TCPP	13674-84-5	2.71

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3	Tris(1,3-dichloro-2-propyl) phosphate	TDCPP	13674-87-8	2.35
4	Tri-n-butyl phosphate	TNBP	126-73-8	4.00
5	Triphenyl phosphate	TPHP	115-86-6	4.59
6	Triethyl phosphate	TEP	78-40-0	0.80
7	Tri-o-cresyl phosphate	TOCP TCP	78-30-8	5.11
8	Tri-m-cresyl phosphate	TMCP	563-04-2	5.11
9	Tri-p-cresyl phosphate	TPCP	1330-78-5	5.11

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