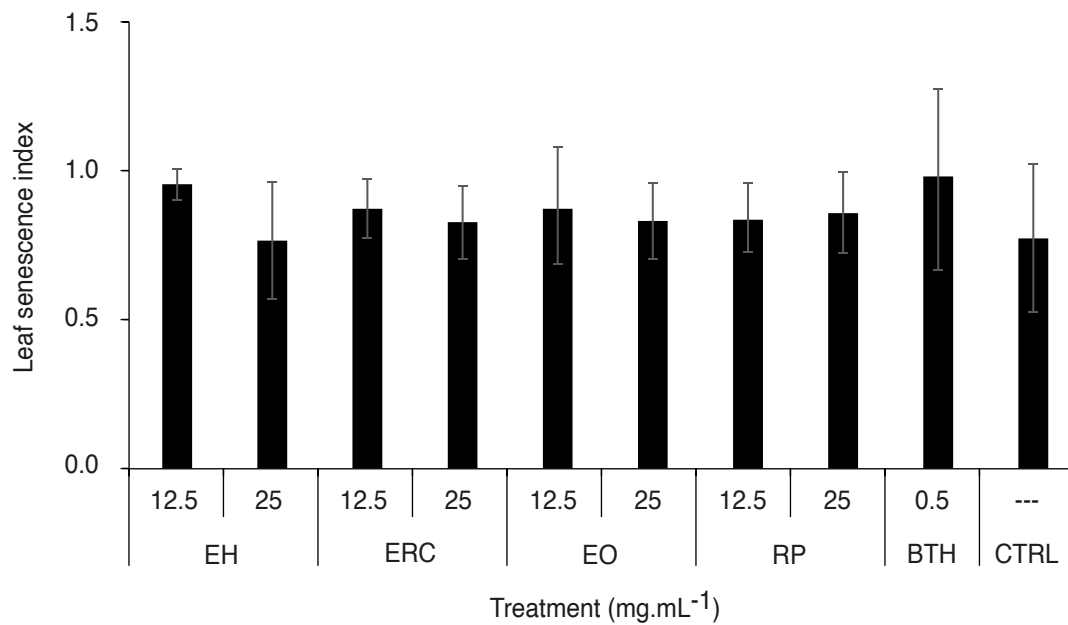
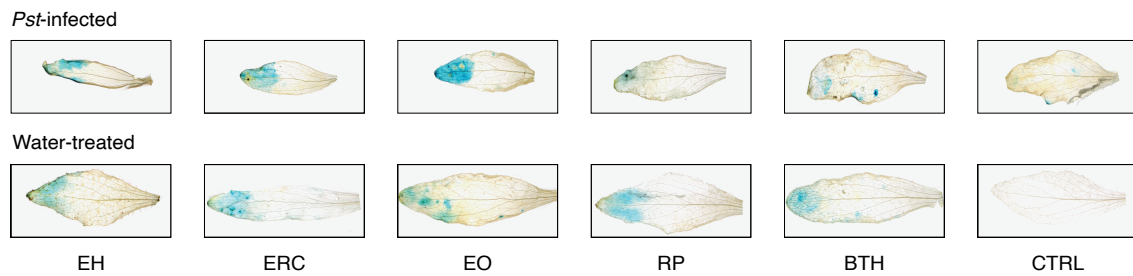




Supplementary Figure S1 Leaf senescence index for plants treated with forest tree extracts. Plants were treated with the tree extracts at working concentrations of 12.5 and 25 mg mL⁻¹, with BTH (ACTIGARD™ 50WG) at 0.5 mg mL⁻¹ (positive control) or with sterile water used as negative control. The treatments were applied by foliar spraying (20 mL) and visually assessed after 9 days. Each bar is the mean of three biological replicates (with six plants per replicate) ± SE. Mean values with the same letter are not significantly different (post-ANOVA LSD, with an alpha threshold value of 5%). EH, eastern hemlock; ERC, eastern red cedar; EO, English oak; RP, red pine.



Supplementary Figure S2 *PR1* gene induction in mature leaves of transgenic *Arabidopsis* *PR1::GUS* line treated with forest tree extracts. Representative leaf images are presented, showing GUS staining 9 days after extract treatment and 7 days after spraying the plants with *Pst* DC3000 or with sterile water used as control. The tree extracts were applied at a working concentration of 25 mg mL⁻¹. BTH (ACTIGARD™ 50WG) at a working dose of 0.5 mg mL⁻¹ was used as a positive control for GUS expression, and sterile water as a negative, non-inducing control (CTRL). EH, eastern hemlock; ERC, eastern red cedar; EO, English oak; RP, red pine.

Supplementary Table S1 Primers for the RT-qPCR analyses

Target gene	Locus number ¹	Primer sequences (5'→3')	
SA markers			
WRKY70	at3g56400	F	AGGAGATGGGTTCGAAGGTA
		R	TCGTTGAAGGCCATGACTTA
NPR1	at1g64280	F	AGGCACTTGACTCGGATGATATTG
		R	CTTCACATTGCAATATGCAACAGC
PR1	at2g14610	F	TTCTTCCCTCGAAAGCTCAA
		R	AAGGCCACCAGAGTGTATG
PR2	at3g57260	F	CGATCCAGGGTACTCATACCA
		R	CTCCGACACCACGATTTCCA
KT14	at1g73260	F	TTCCCGAATCACAGAACCTC
		R	GCTTCCTCTCGTGGTCAAAC
JA markers			
JAM1	at2g46510	F	GGAGCTCACGCGTATCCTAA
		R	GGATTCGAAGAAGCAGCAAC
LOX2	at3g45140	F	ATTACGGTAGAAGACTACGCACAAC
		R	GTAATTTAAGCTCTACCCCCTTGAG
PR3	at3g12500	F	GGCCAGACTTCCCATGAAAC
		R	CTTGAAACAGTAGCCCCATGAA
PDF1.2	at5g44420	F	TCACCCTTATCTTCGCTGCTC
		R	ATGTCCCACTTGGCTTCTCG
Oxidative stress markers			
CAT1	at1g20630	F	TATTCTTCGTCCGTGATG
		R	CAGTATCCTCCAGTTCTC
SOD	at5g51100	F	CATATAAGGCGAATAGAC
		R	GAGAAGTGGAGAATAATC

¹ TAIR • The Arabidopsis Information Resource (<https://www.arabidopsis.org>).