

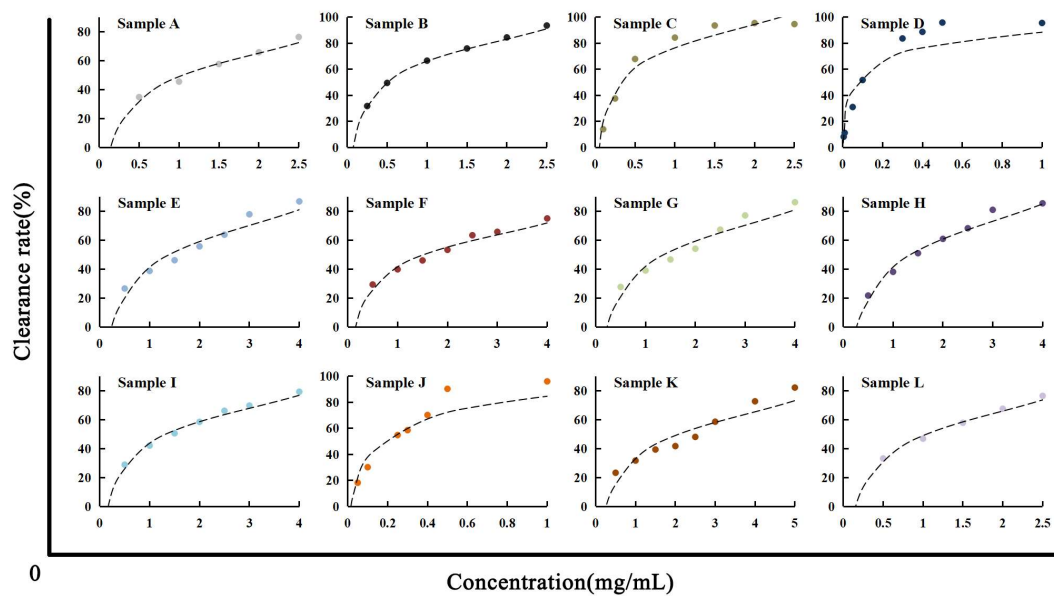
Supplementary File

**Analysis of Components and Properties of Extractives from
Alnus cremastogyne Pods from Different Provenances**

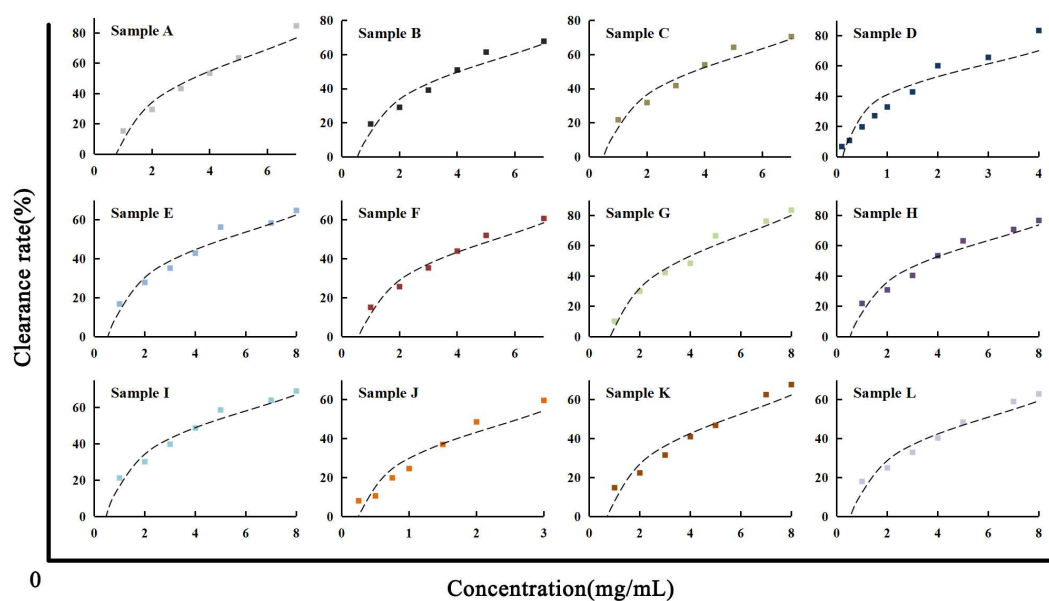
Supplementary Table S1. Radical scavenging capacity of DPPH of ethanol, petroleum ether, and ethyl acetate extractives from *Alnus cremastogyne* pods.

Sample	Extractives Type	Fitting Equation ^a	R ²
A	Ethanol	$y = 25.239\ln(x) + 49.325$	0.9596
	Petroleum ether	$y = 34.616\ln(x) + 9.486$	0.9511
	Ethyl acetate	$y = 37.898\ln(x) + 16.753$	0.9928
B	Ethanol	$y = 26.025\ln(x) + 67.289$	0.9958
	Petroleum ether	$y = 26.473\ln(x) + 14.942$	0.956
	Ethyl acetate	$y = 37.898\ln(x) + 16.753$	0.9928
C	Ethanol	$y = 26.781\ln(x) + 78.723$	0.9663
	Petroleum ether	$y = 26.642\ln(x) + 17.492$	0.9572
	Ethyl acetate	$y = 25.133\ln(x) + 48.208$	0.9836
D	Ethanol	$y = 16.848\ln(x) + 92.452$	0.9294
	Petroleum ether	$y = 20.752\ln(x) + 41.341$	0.8888
	Ethyl acetate	$y = 24.84\ln(x) + 73.411$	0.979
E	Ethanol	$y = 29.146\ln(x) + 40.643$	0.9344
	Petroleum ether	$y = 23.617\ln(x) + 13.459$	0.9608
	Ethyl acetate	$y = 29.603\ln(x) + 21.265$	0.9871
F	Ethanol	$y = 22.159\ln(x) + 41.162$	0.9639
	Petroleum ether	$y = 23.961\ln(x) + 11.905$	0.9755
	Ethyl acetate	$y = 25.125\ln(x) + 22.636$	0.9834
G	Ethanol	$y = 28.679\ln(x) + 41.234$	0.9327
	Petroleum ether	$y = 35.427\ln(x) + 6.487$	0.9765
	Ethyl acetate	$y = 28.899\ln(x) + 24.985$	0.9922
H	Ethanol	$y = 32.034\ln(x) + 40.613$	0.9817
	Petroleum ether	$y = 27.711\ln(x) + 16.196$	0.9578
	Ethyl acetate	$y = 30.008\ln(x) + 28.899$	0.9859
I	Ethanol	$y = 24.244\ln(x) + 43.263$	0.9874
	Petroleum ether	$y = 24.046\ln(x) + 17.073$	0.9694
	Ethyl acetate	$y = 34.504\ln(x) + 18.159$	0.9376
J	Ethanol	$y = 21.866\ln(x) + 87.022$	0.9152
	Petroleum ether	$y = 21.948\ln(x) + 30.286$	0.9212
	Ethyl acetate	$y = 19.568\ln(x) + 26.452$	0.9573
K	Ethanol	$y = 25.149\ln(x) + 32.666$	0.8889
	Petroleum ether	$y = 26.099\ln(x) + 8.1294$	0.9355
	Ethyl acetate	$y = 28.823\ln(x) + 15.736$	0.9497
L	Ethanol	$y = 26.516\ln(x) + 49.365$	0.979
	Petroleum ether	$y = 22.507\ln(x) + 12.615$	0.9471
	Ethyl acetate	$y = 31.412\ln(x) + 28.462$	0.9981

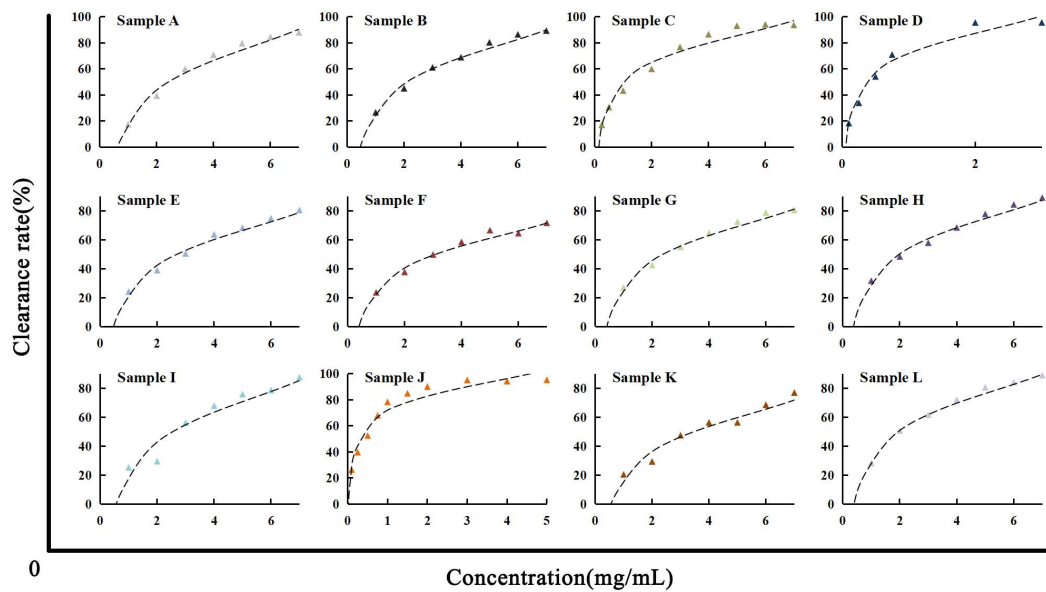
^a In the regression equation, y is the removal rate (%) and x is the sample concentration (mg/mL).



Supplementary Figure S1. Elimination of DPPH free radicals by ethanol extractive from *Alnus cremastogyne* pods.



Supplementary Figure S2. Elimination of DPPH free radicals by petroleum ether extractive from *Alnus cremastogyne* pods.



Supplementary Figure S3. Elimination of DPPH free radicals by ethyl acetate extractive from *Alnus cremastogyne* pods.