Supporting Information

Rec. Nat. Prod. 11:4 (2017) 362-373

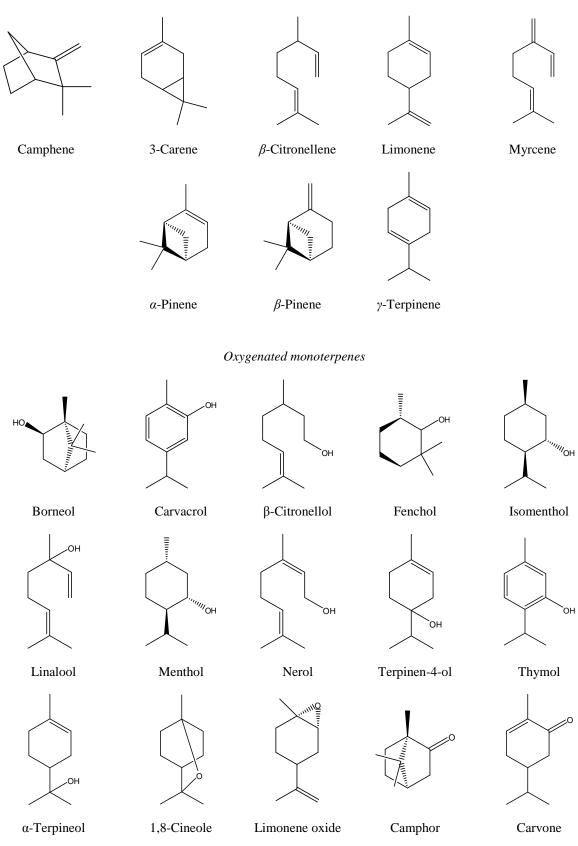
Fumigation of volatile monoterpenes and aromatic compounds against adults of *Sitophilus granarius* (L.) (Coleoptera: Curculionidae)

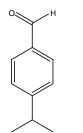
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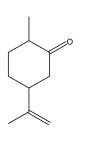
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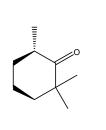
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Monoterpene hydrocarbons

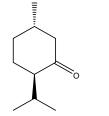


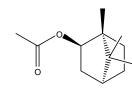






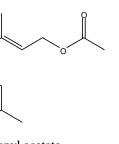
Fenchone







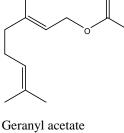
Dihydrocarvone





Menthone

Bornyl acetate

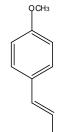


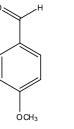
Linalyl acetate

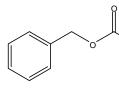


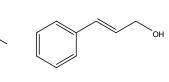
Neryl acetate

Aromatic compounds

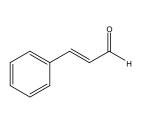


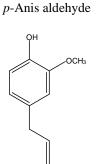




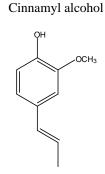


Anethole

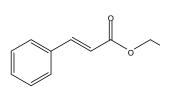




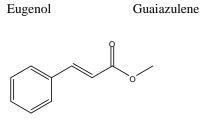
Benzyl acetate

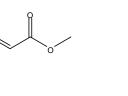


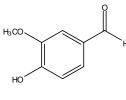
Isoeugenol



Cinnamaldehyde







Ethyl cinnamate

Methyl cinnamate

p-Vanillin

Figure S1. The chemical structures of monoterpenes and aromatic compounds tested insecticidal actvities against S. granarius adults.

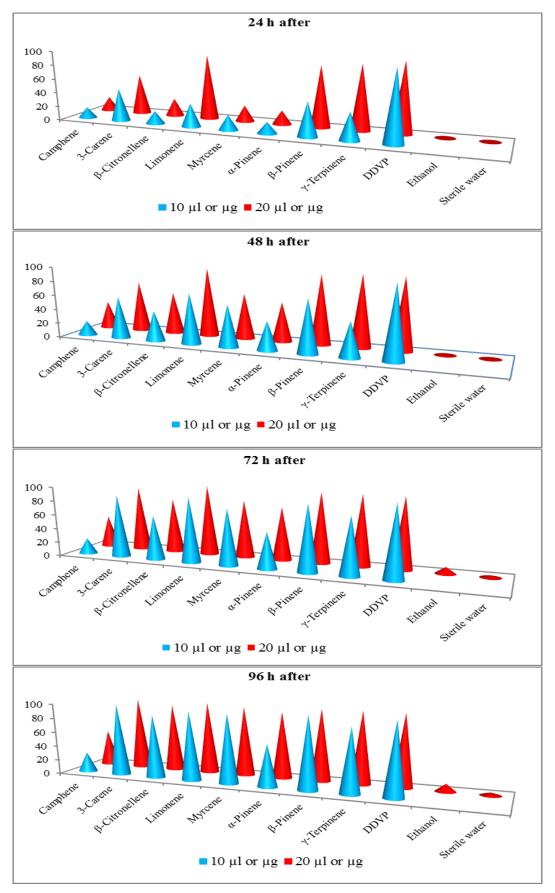


Figure S2. Mortality (%) of adults of *S. granarius* (L.) after treatment with the monoterpene hydrocarbons.

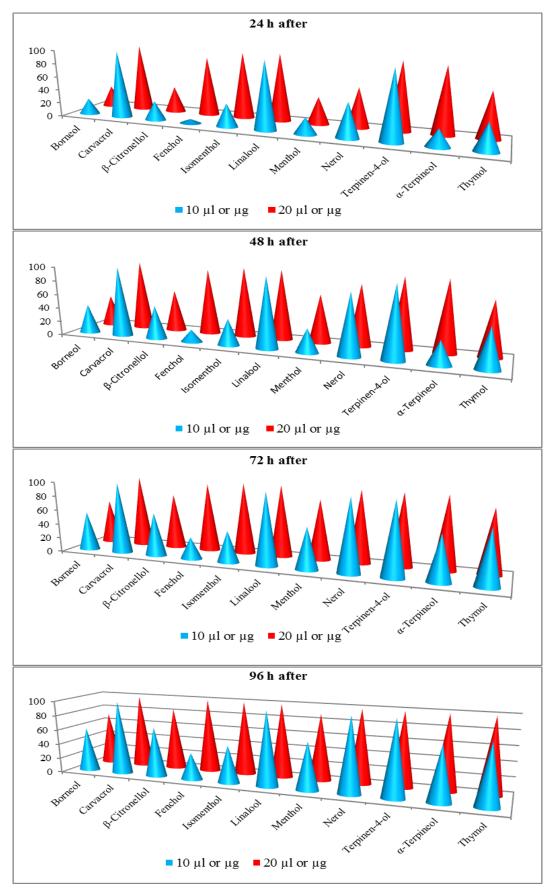


Figure S3. Mortality (%) of adults of *S. granarius* (L.) after treatment with the alcohol derivatives of the oxygenated monoterpenes.

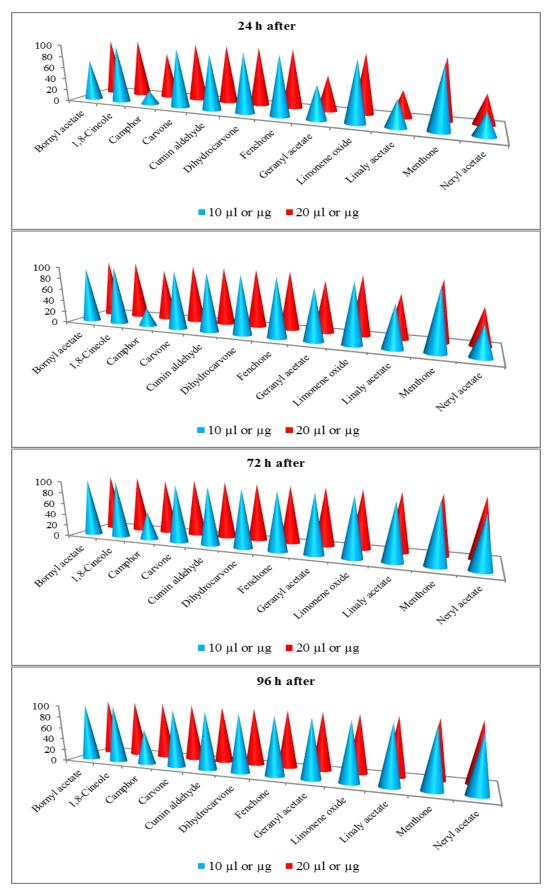


Figure S4. Mortality (%) of adults of *S. granarius* (L.) after treatment with the epoxides, ketones, aldehydes and esters derivatives of the oxygenated monoterpenes.

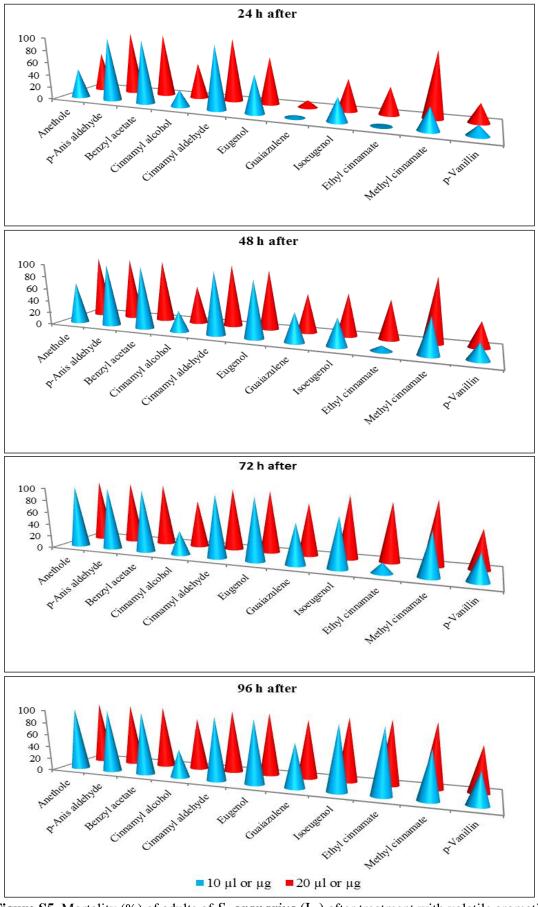


Figure S5. Mortality (%) of adults of *S. granarius* (L.) after treatment with volatile aromatic compounds.