

Supporting Information

Determination of the Geographical and Botanical Origin of Hops (*Humulus lupulus* L.) Using Stable Isotopes of C, N and S

Miha Ocvirk¹, Nives Ogrinc², Iztok Jože Košir^{1*}

¹Institute for Hop Research and Brewing, Cesta Žalskega Tabora 2, SI-3310 Žalec, Slovenia

²Department of Environmental Sciences, “J. Stefan” Institute, Jamova 39, SI-1000 Ljubljana, Slovenia

*Corresponding author. Tel: 00386 371 21 608, E-mail address: iztok.kosir@ihps.si

Figure S1 Scatter plot of the samples from 10 major hop growing regions all over the World, according to their $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values. Samples are marked as in the section materials and methods – sampling.

Figure S2 Scatter plot of the samples from 10 major hop growing regions all over the World, according to their $\delta^{34}\text{S}$ and $\delta^{13}\text{C}$ values. Samples are marked as in the section materials and methods – sampling.

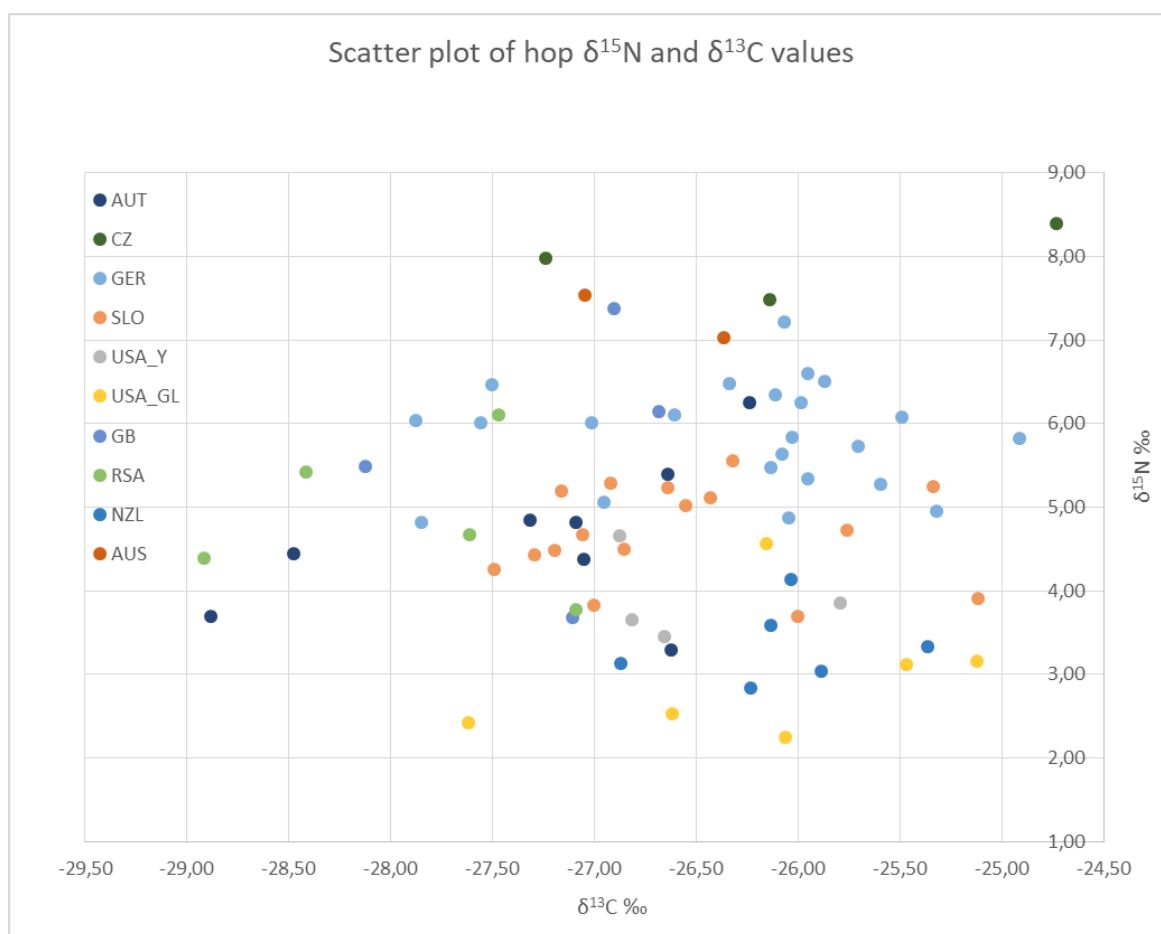


Figure S1. Scatter plot of the samples from 10 major hop growing regions all over the World, according to their $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values. Samples are marked as in the section materials and methods – sampling.

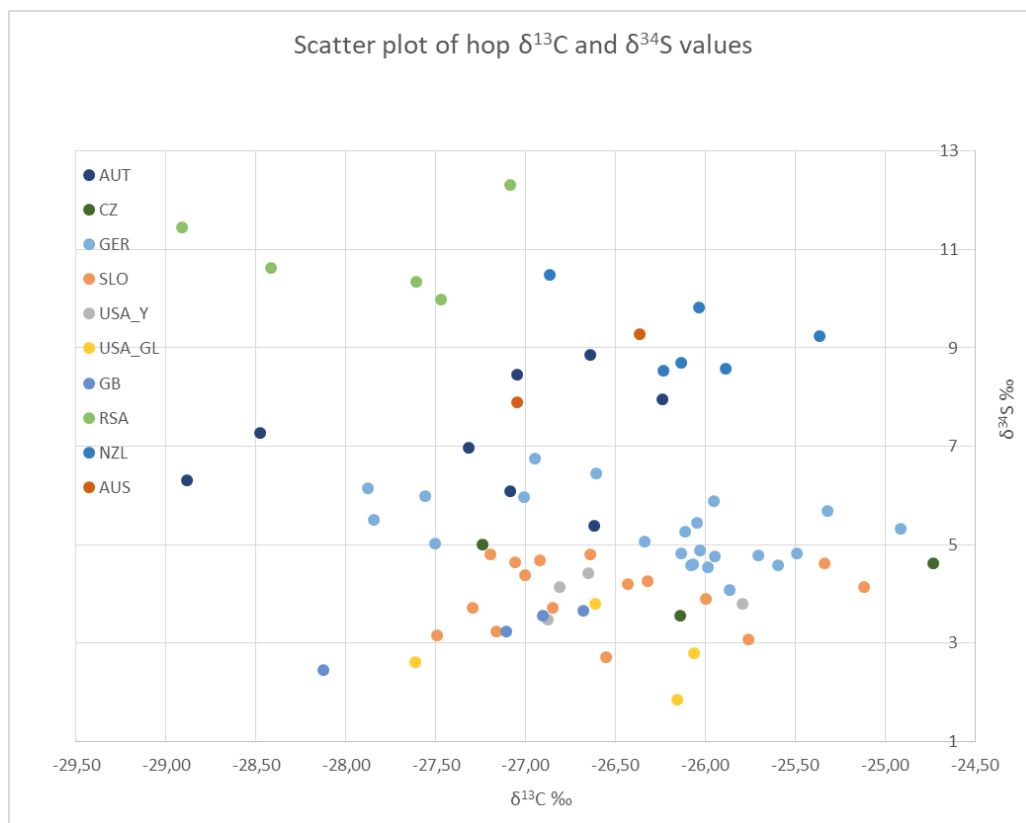


Figure S2. Scatter plot of the samples from 10 major hop growing regions all over the World, according to their $\delta^{34}\text{S}$ and $\delta^{13}\text{C}$ values. Samples are marked as in the section materials and methods – sampling.