



## Effects of different ecological and phenological factors on antioxidant activity and phenolic content of *Ornithogalum sigmoideum* Freyn & Sint. from Turkey

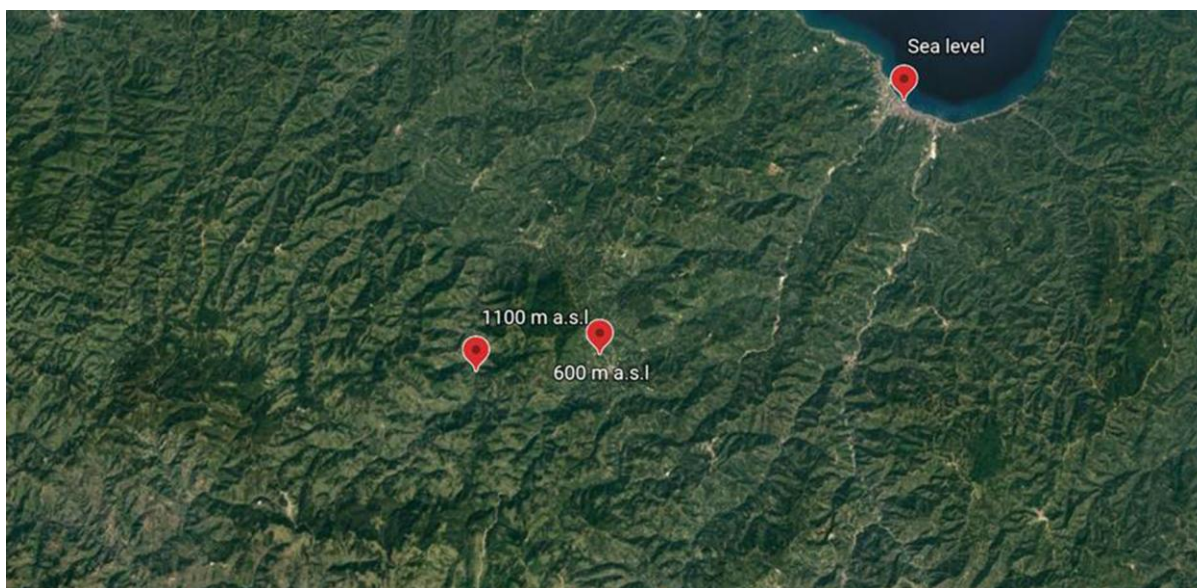
Tuğba Bayrak Özbucak<sup>1</sup>, Tümay Karataş<sup>2</sup> & Melek Çol Ayvaz<sup>3\*</sup>

<sup>1</sup>Department of Molecular Biology and Genetics, Faculty of Science and Arts, Ordu University, Ordu, Turkey

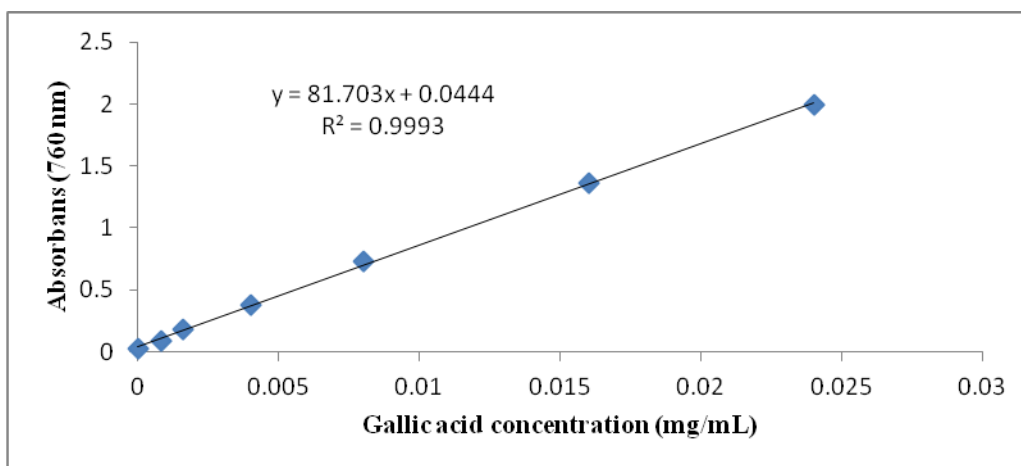
<sup>1</sup>Department of Molecular Biology and Genetics, Institute of Science, Ordu University, Ordu, Turkey

<sup>3</sup>Department of Chemistry, Faculty of Science and Arts, Ordu University, Ordu, Turkey

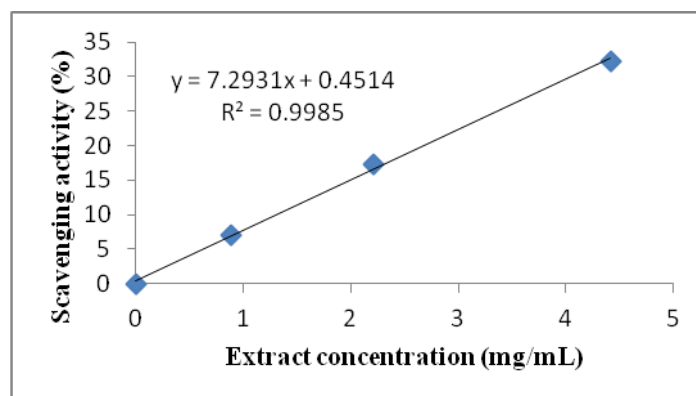
### Supplementary Data



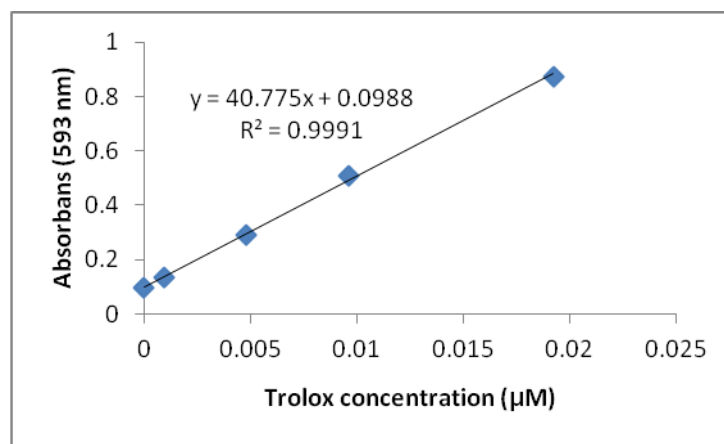
Suppl. Fig. S1 — Google map showing the localities where the samples are collected



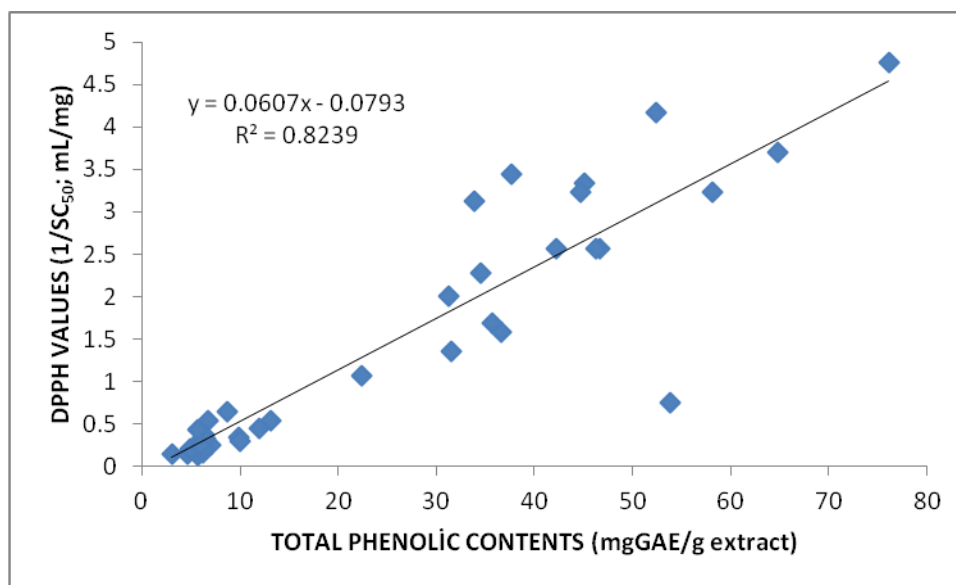
Suppl. Fig. S2 — Gallic acid calibration curve to calculate total phenolic content of the extracts



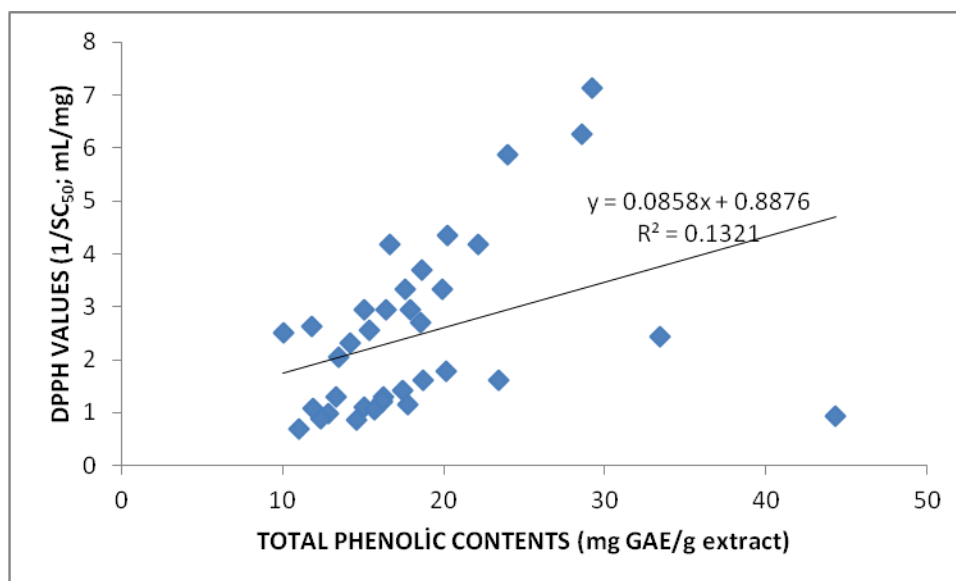
Suppl. Fig. S3 — Graph plotted to calculate DPPH free radical scavenging activity for one of the extracts prepared in water



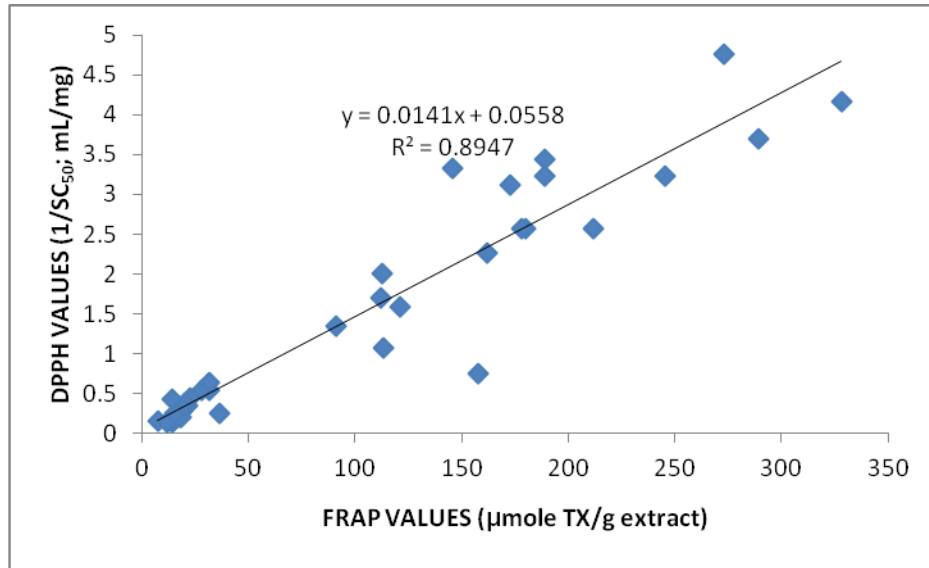
Suppl. Fig. S4 — Trolox calibration curve to calculate FRAP values of the extracts



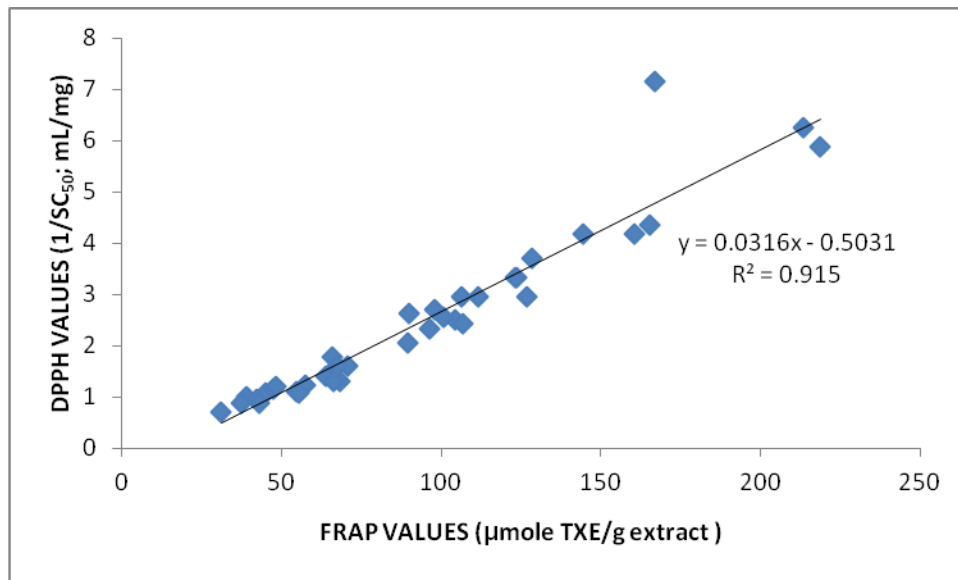
Suppl. Fig. S5 — Correlation graph between total phenolic content and DPPH free radical scavenging activity in the case of water extracts



Suppl. Fig. S6 — Correlation graph between total phenolic content and DPPH free radical scavenging activity in the case of ethanol extracts



Suppl. Fig. S7 — Correlation graph of the FRAP and DPPH values of water extract of the samples



Suppl. Fig. S8 — Correlation graph of the FRAP and DPPH values of alcohol extract of the samples