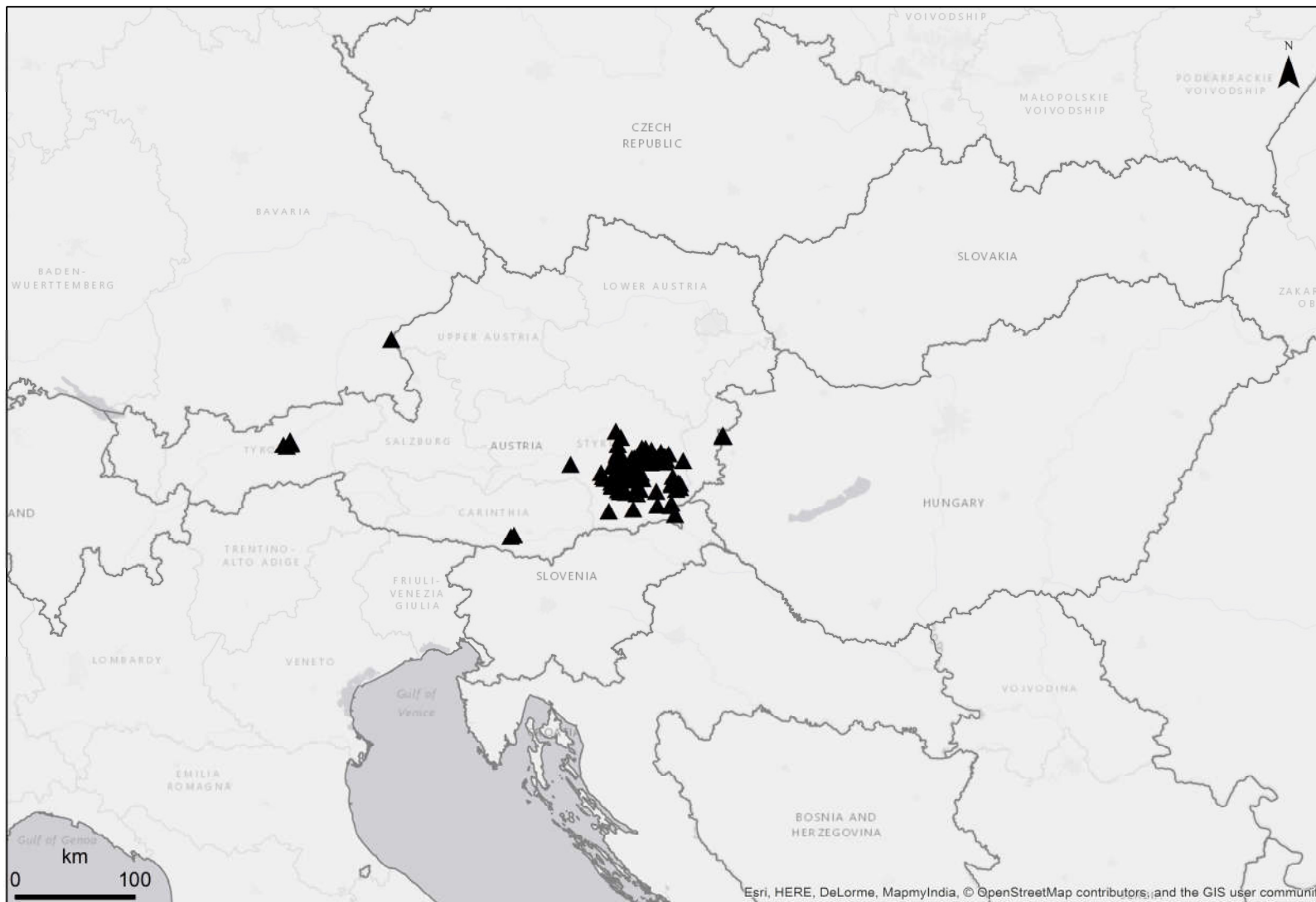
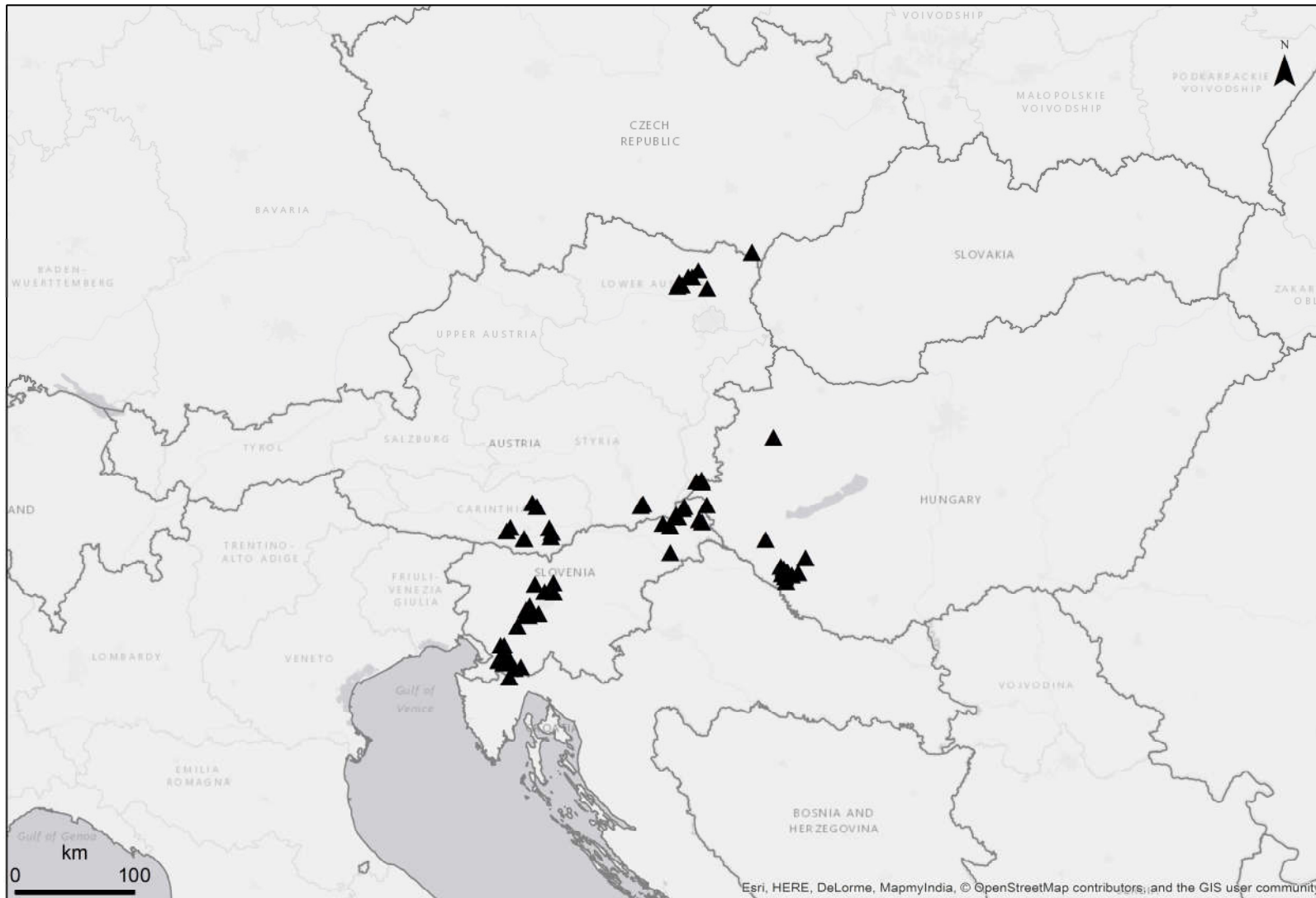


Electronic Appendix 5. Distribution maps for the species of in *Rubus* ser. *Sylvatici* in the Pannonian Basin and adjacent regions.

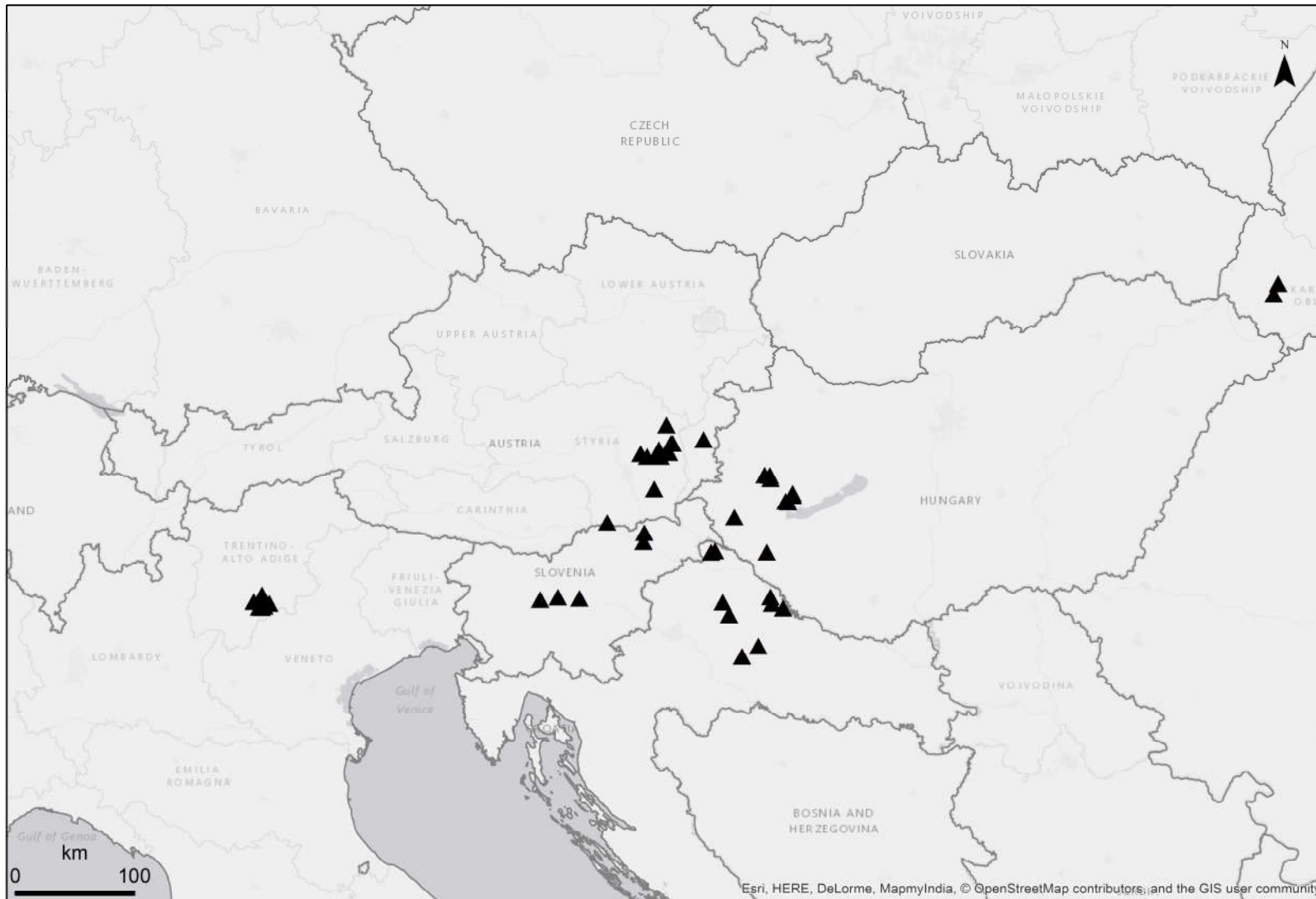
Distribution of *Rubus ferox* Vest based on localities supported by herbarium vouchers.



Distribution of *Rubus juennensis* Leute & W. Maurer based on localities supported by herbarium vouchers.

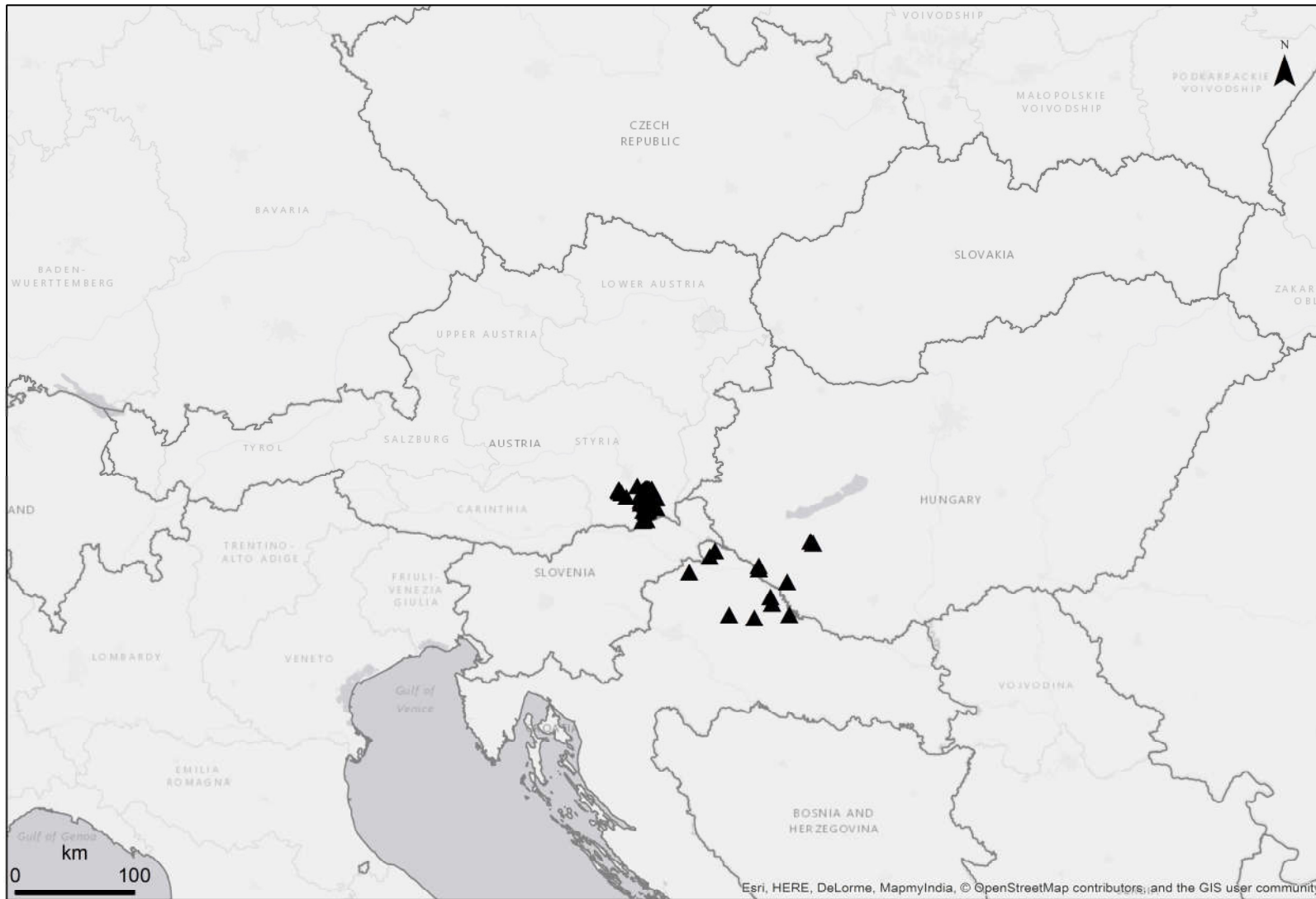


Distribution of *Rubus macrophyllus* Weihe & Nees in the Pannonian Basin and adjacent regions based on localities supported by herbarium vouchers. Occurrences in Germany, Poland, Switzerland and the Czech Republic are excluded from the map!

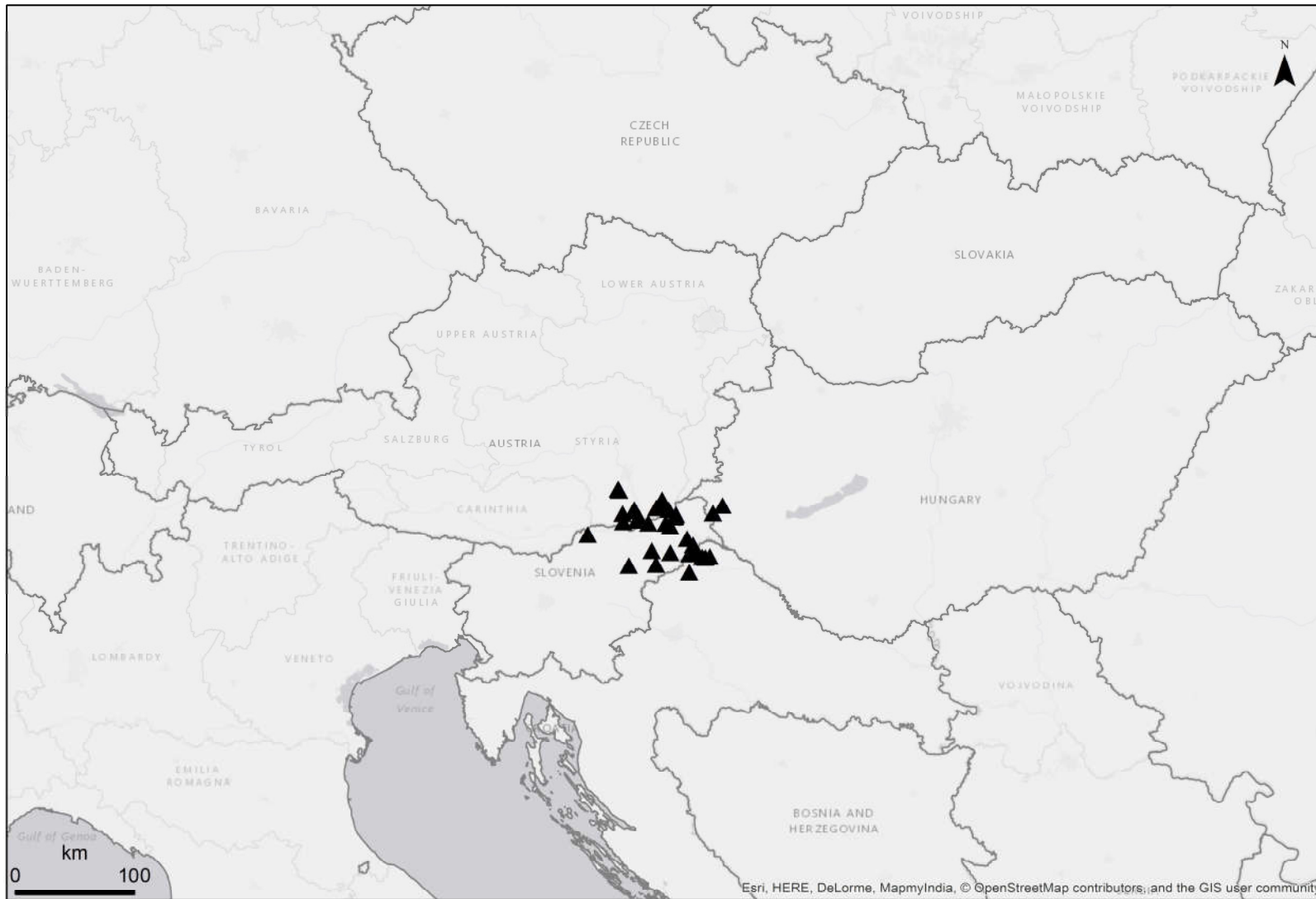


The map displays the study area in Central Europe, focusing on the borders of Austria (A), Hungary (HU), Italy (IT), Slovenia (SLO), and Croatia (CR). The locations of 20 sampling sites are marked by black triangles. The map includes labels for various regions and countries, such as Tyrol, Carinthia, Styria, Veszprém, Győr-Ménfőcsanak, Komárom-Esztergom, Vas, Zala, Somogy, Tolna, Baranya, Virovitica-Podravina County, Osijek-Baranja County, Požega-Slavonia County, Brod-Posavina County, Republika Srpska, Lika-Senj County, Karlovac County, Sisak-Moslavina County, Zagreb County, Krapina-Zagorje County, Varaždin County, and Sopron. The Gulf of Venice and the Adriatic Sea are also labeled. A scale bar indicates distances up to 50 km. The map is sourced from Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community.

Distribution of *Rubus salzmannii* W. Maurer based on localities supported by herbarium vouchers.



Distribution of *Rubus venosus* W. Maurer based on localities supported by herbarium vouchers.



Distribution of *Rubus wimmerianus* (Sprib. ex Sudre) Sprib. in the Pannonian Basin and adjacent regions based on localities supported by herbarium vouchers. Occurrences in Poland and the Czech Republic are excluded from the map!

