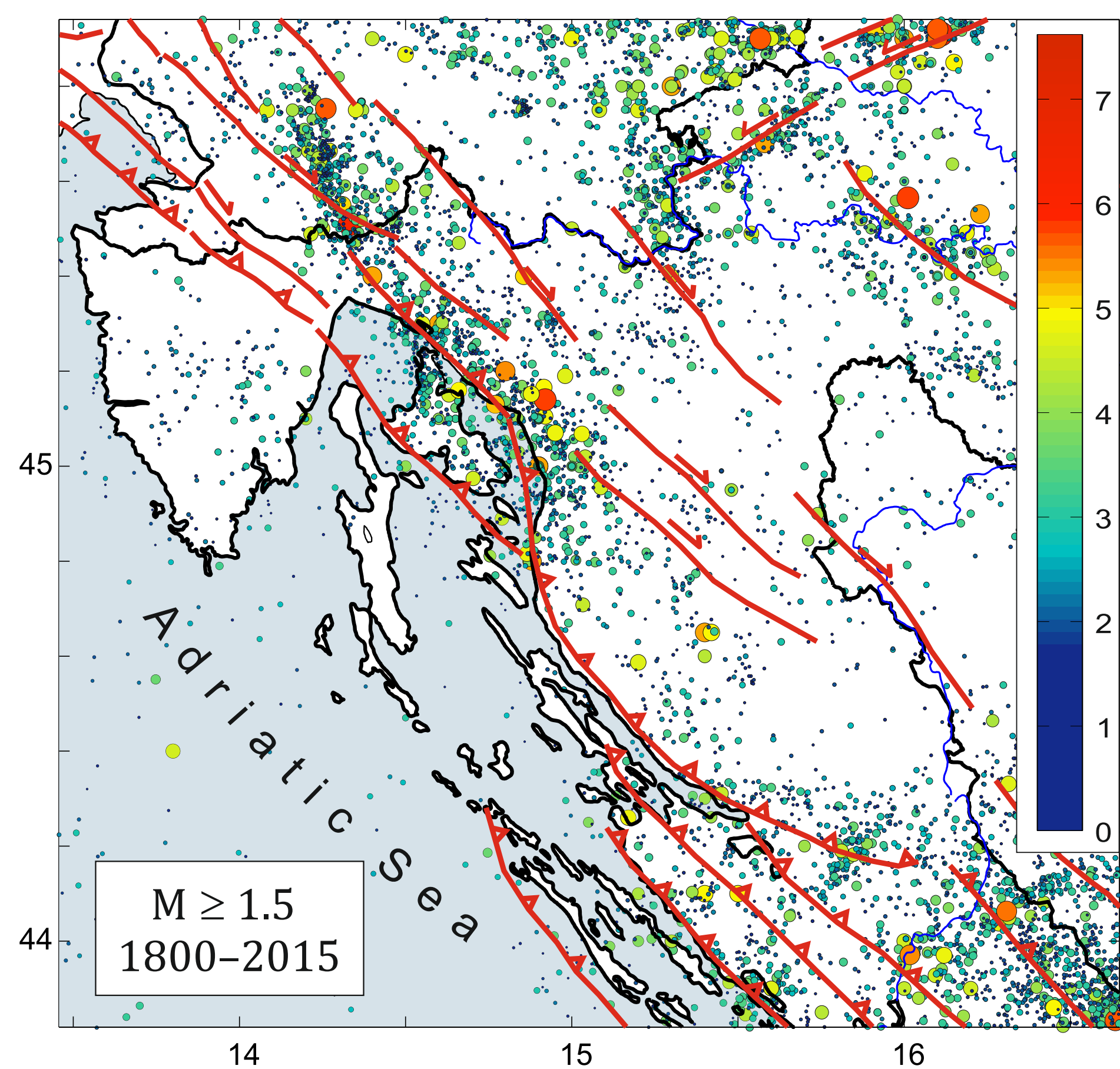


Reassessment of macroseismic data for eight historical earthquakes in the region of Hrvatsko primorje and Mt. Velebit

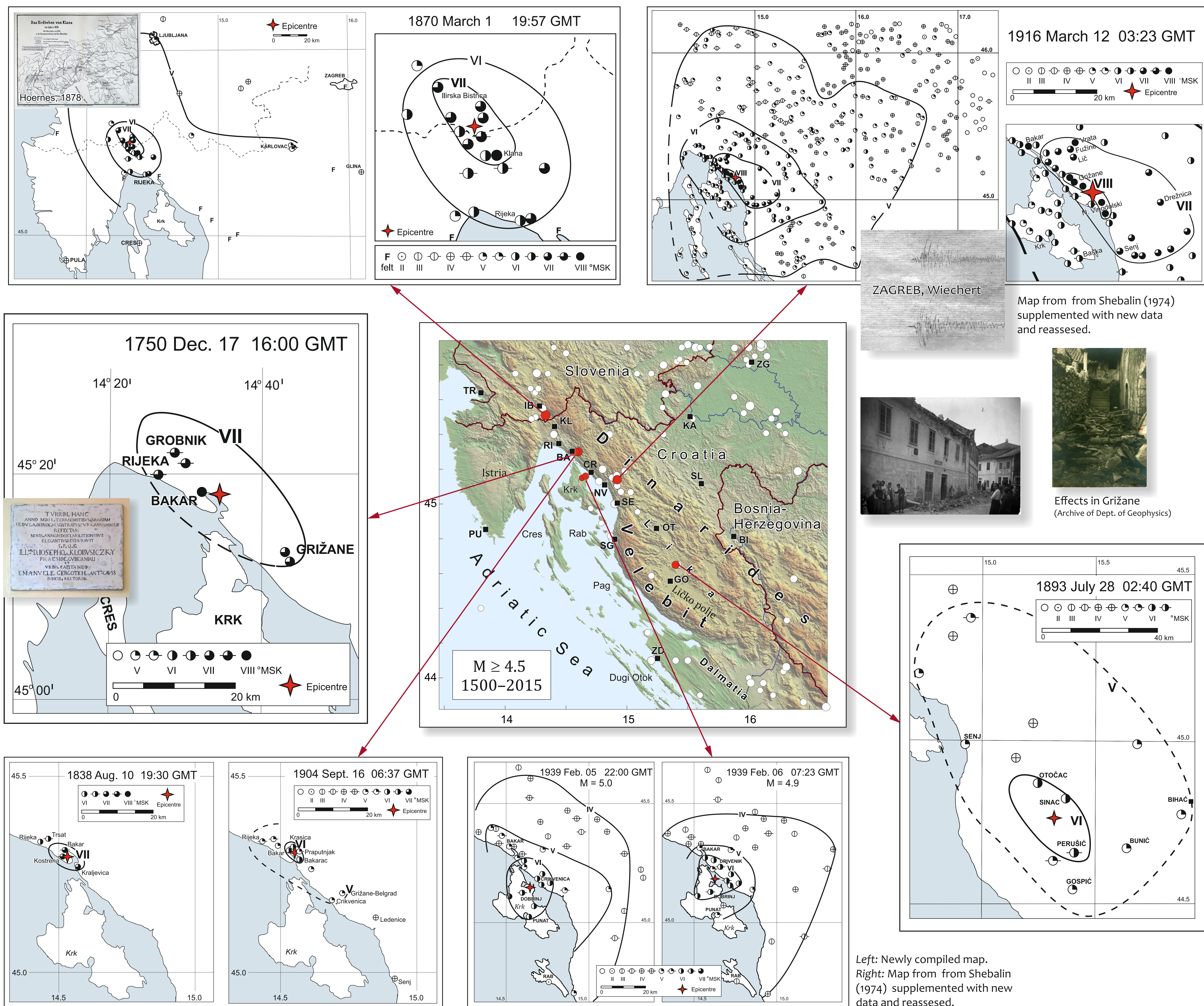
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Croatian Earthquake Catalogue, 2016. Faults are from the SHARE project.

Analyses of available historical sources, collected questionnaires and other archive material, made possible the compilation of isoseismal maps for the six strong earthquakes (1750–1939) that occurred in NW part of the External Dinarides. Additionally, based on newly found sources, we were able to revise two existing isoseismal maps. The meizoseismal area of the six strongest events is clearly elongated NW–SE, *i.e.* in the direction of the strike of the Dinarides and of the main seismogenic faults. The studied area includes regions of complex (and so far not satisfactorily resolved) tectonic relations, which make hazard estimation based on characterization of active faults' properties rather difficult. It is therefore important to have the seismicity information extended as far back into the past as possible. The new material presented here should help in future hazard studies both by better characterization of capable faults and by establishing the empirical deterministic lower bounds of hazard.



Left: Newly compiled map.
Right: Map from from Shebalin (1974) supplemented with new data and reassessed.

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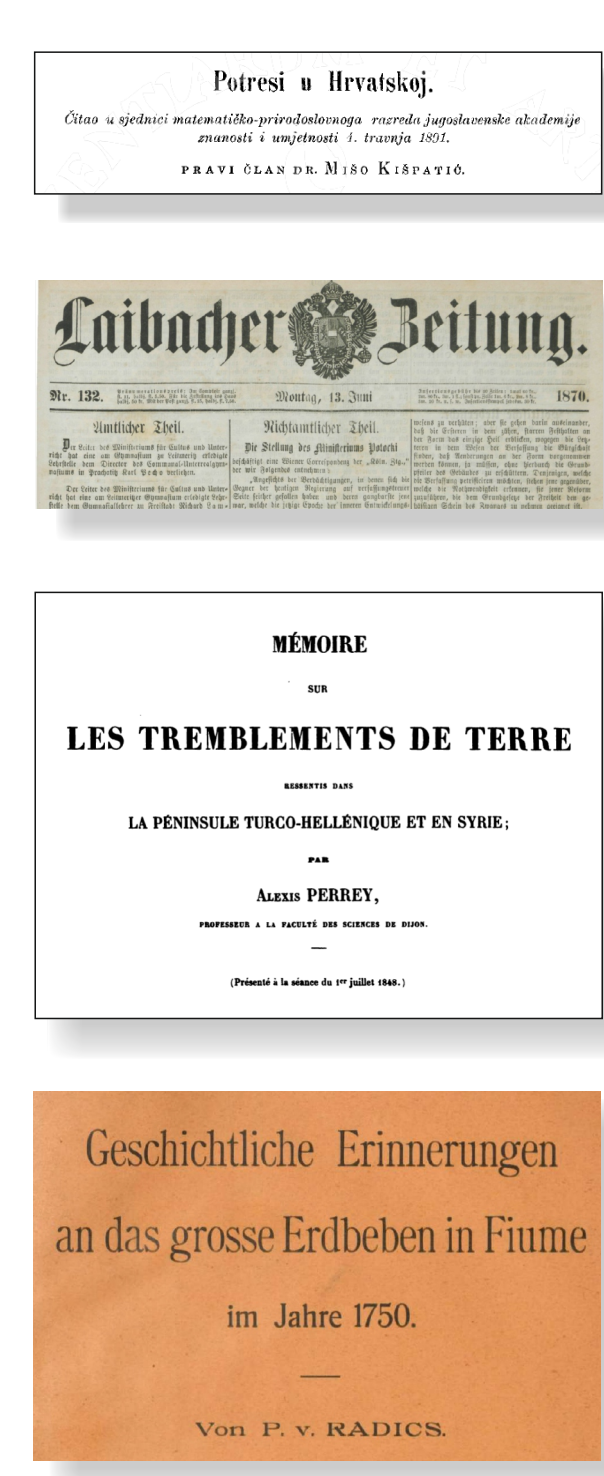
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