

SUMMARY

Palaeogeography, geomorphology and geoheritage of Gelvonai environs

/GELVONAI

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A great geological and geomorphological variety predestined by the complex palaeogeographical development of the locality is characteristic of former Gelvonai *Valsčius*. The Neris and Šventoji inter-river surface geological structure and geomorphology are associated with the last glaciations of Baltic (Pomerania) stage glacier retreat during South and Middle Lithuanian phases. The available new territory research material allowed to characterize a greater number of distinctive geological-geomorphological complexes (micro-regions) which mostly predestined the size of locality's wood and swamp areas, the possibilities of agricultural cultivation, urbanization and mining. They are the Pabaiskas–Bagaslaviškis hilly moraine massif, the Sližiai–Gelvonai eroded and abraded moraine plateau, the Upninkai–Keižonys and Musninkai flat and rough limnoglacial plain, the Šventoji and Širvinta terraced valleys. So far only one geological, one hydrological, one hydrographic, one telmatological and two landscape scenery preserves are legalized in the environs of Gelvonai.