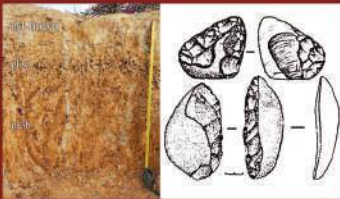


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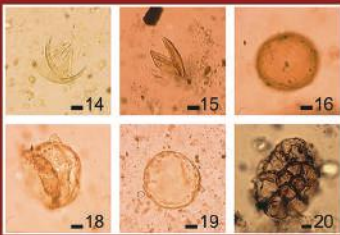
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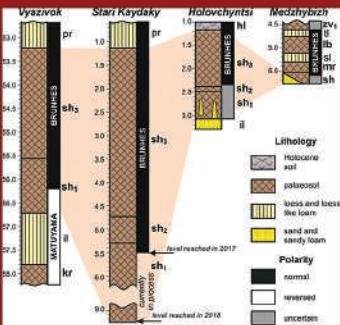
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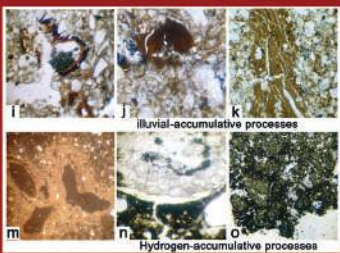
Paleosoils and
archeology



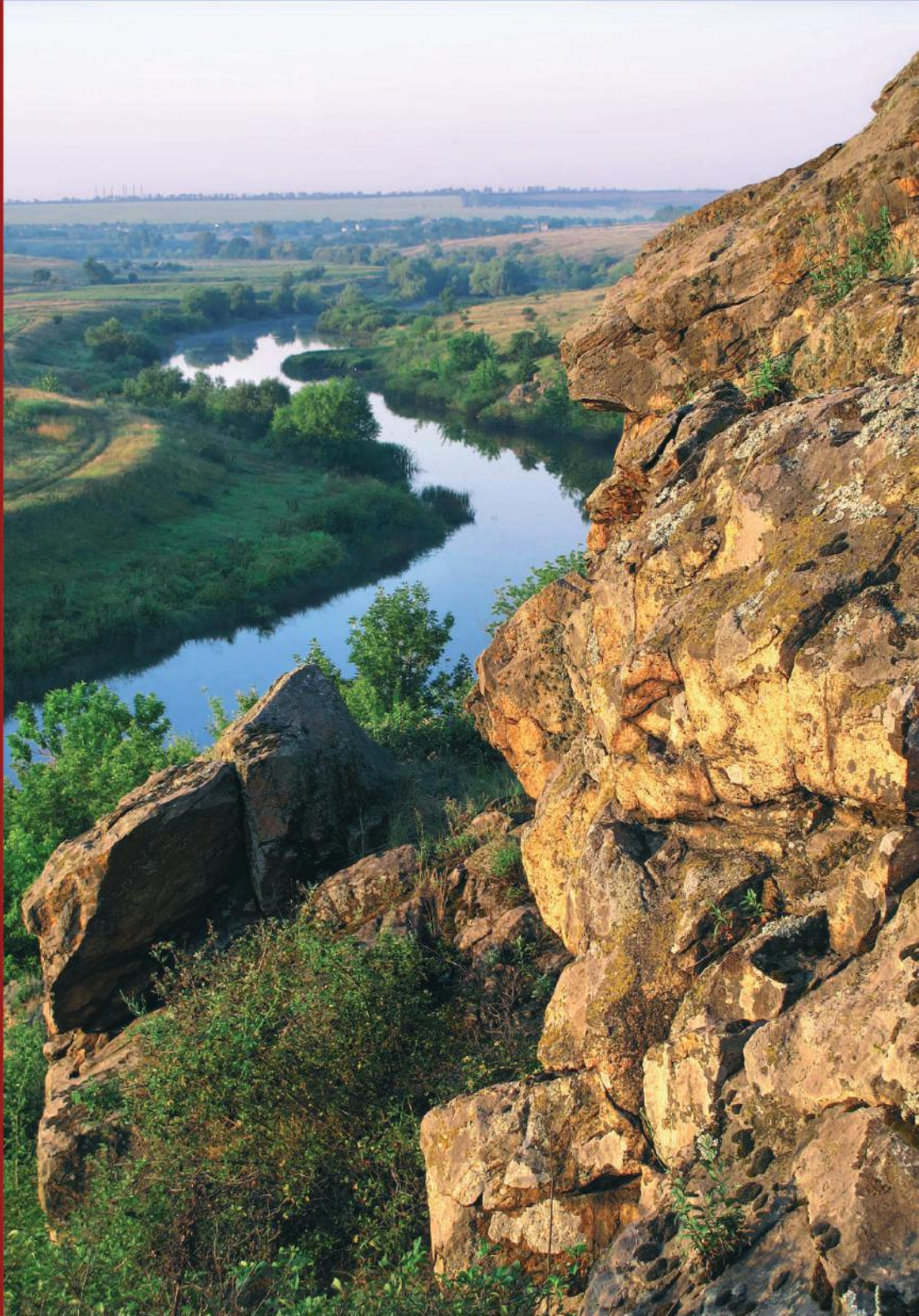
Non-pollen
palynomorphs



Paleopedology



Loess
micromorphology



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The main aim of the Journal of Geology, Geography and Geoecology is to publish high quality research works and provide Open Access to the articles using this platform. Collection of scientific works publishes refereed original research articles and reviews on various aspects in the field of geological, geographical and geoecological sciences. Journal materials designed for teachers, researchers and students specializing in the relevant or related fields of science. Journal included in the list of professional publications, you can publish the main results of dissertations for the degree of doctor and candidate of geological sciences. The scope of distribution: international scientific journal. All published articles will be assigned DOI provided by Cross Ref.

This volume of the journal – the main journal on the united branches of Earth Science in Ukraine – is devoted to the approaching XXth Congress of INQUA (Dublin, 2019) and, thus, it is a collection of papers by Ukrainian Quaternary researchers. The majority of them are members of the Ukrainian National Committee of INQUA, but several papers are contributed by young scientists. A similar specialized collection of papers on Ukrainian Quaternary was published in English by the Institute of Geological Sciences of Ukraine (as separate volumes) in 2011 and 2015, but, presently, in order to make the papers available on-line, the decision has been made to publish them in the journal “Geology, Geography and Geoecology” (represented in the Web-of-Science). Ukraine is a classic loess area in Europe. Climate change and its impact on continental ecosystems can best be investigated by studying continental deposits. Loess-palaeosol archives over large areas of Ukraine provide valuable data on time-space variability of Quaternary ecosystems. Hence, the main focus of the papers is on the stratigraphy of loess-palaeosol successions and palaeoenvironments derived from their studies. The volume consists of the papers on different aspects of the study of loess-palaeosol sequences: on indicative features (including micromorphology) of palaeosol units of differing ages, on palaeovegetational and palaeoclimatic reconstructions derived from loess-palaeosol sections, on cryogenic features in these sections, on determination of position of the Matyuama-Brunhes boundary within the Ukrainian loess-palaeosol sequences, on correlation of Ukrainian framework with Western Europe and, finally, on the problems which appeared through the acceptance of a 2.6 Ma lower boundary for the Quaternary in Ukraine. There are papers on Quaternary mapping, on palaeoenvironments of the Middle and Upper Palaeolithic, on the Late Glacial distribution of halophytic vegetational species in the plain area of Ukraine, on non-pollen palynomorphs in the salt lakes of Crimea, and on the biostratigraphy of the northern Black Sea deposits based on ostracods. The aim of this volume is to present at least a part of the data obtained by Ukrainian Quaternarists, as they are frequently published in Ukrainian language or in journals with a restricted distribution, and therefore almost inaccessible for researchers who are outside Ukraine.

UkrINQUA would like to take this opportunity to thank the Editor-in-Chief of the “Geology, Geography and Geoecology”, Dr. V. Manyuk, who provides the opportunity to publish this collection of Quaternary papers in a special volume of the journal.

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