

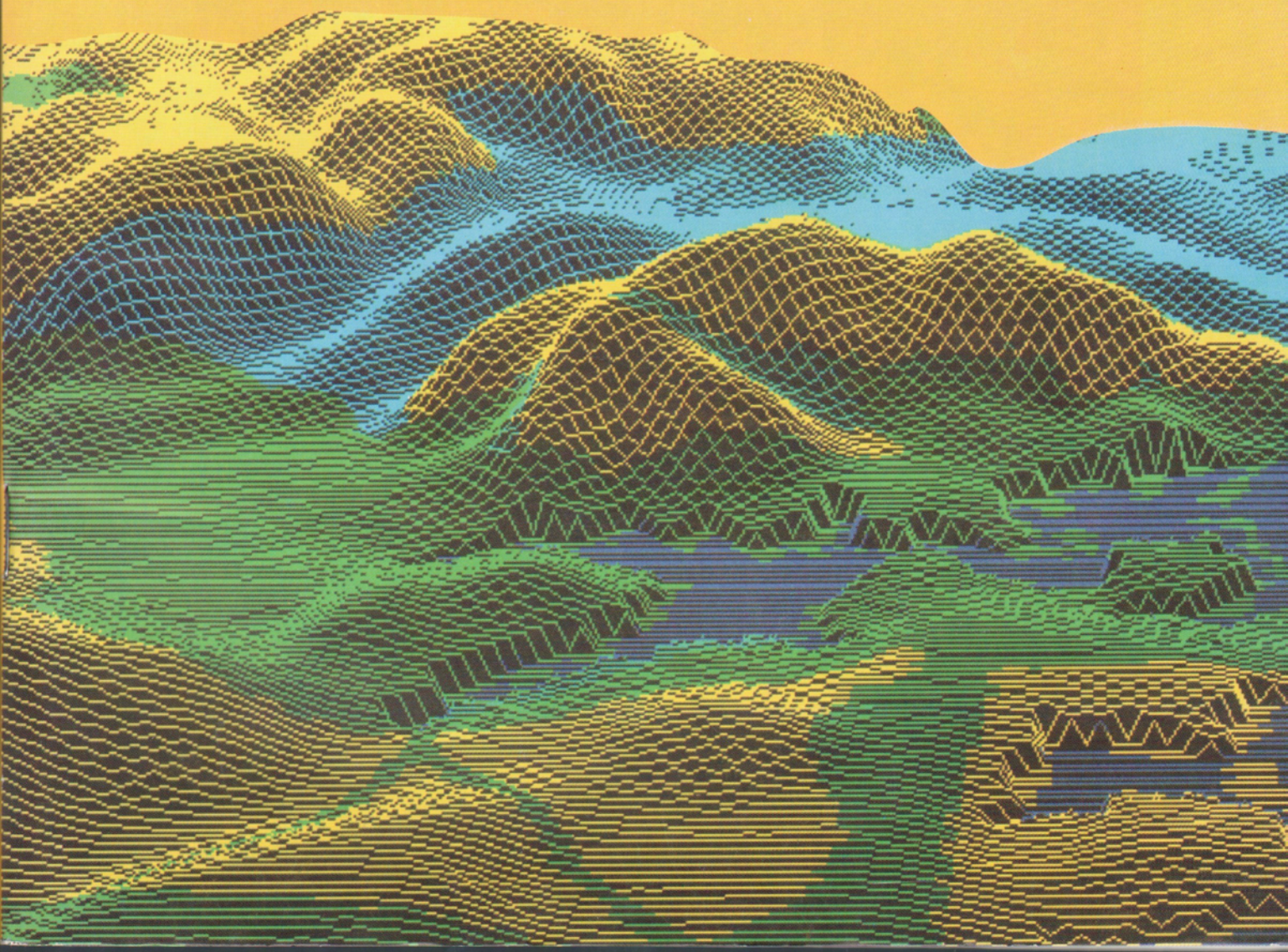
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 Typology. Map on the scale 1:500 000. Geographia Slovaca, 4, 38 p.,
 Institute of the Slovak Academy of Sciences, Bratislava, 1993.
 (Krasová geomorfologie na Slovensku)

A SET OF GEOGRAPHICALLY ORIENTED MAPS (on example of the map sheet 34-22 Hodonín, scale 1:50 000)

Vítězslav NOVÁČEK

A scientific and research project E 5.5 "Inventory, record and evaluation of ecosystems in the Czech Republic" was launched within solution of the "National Environment Programme" which was coordinated by the then Federal Ministry of Environment. Former Geographical Institute, Czechoslovak Academy of Sciences (GGÚ) signed a "Contract on Project Solution" within this project in the fourth quarter of 1992, with Czech Institute for Nature Protection (ČÚOP) in Prague, proper activities of the former GGÚ consisting in solution of a partial subproject "Situation record and geographical evaluation of biotopes in the Czech Republic". Coordinators of the project were Jan Lacina and Vítězslav Nováček.

In compliance with the above contract, an area of interest was dealt with, which was defined by a map sheet of the basic map of the Czech Republic, sheet 34-22 Hodonín, at the scale of 1:50 000 on the basis of

a bilateral agreement with ČÚOP Prague. A relatively extensive and complex physico-geographical research led to proposals of methods for landscape inventory and elaboration of the first versions of methodologies for creation of individual map sheets illustrating some physico-geographical characteristics of the given area. Results of these efforts included for example a topoclimatic map of the given area, whose author is Evžen Quitt, inclusive the accompanying methodological text. The topoclimatic map illustrates three fundamental planes of the issue: energy balance, air flows and vertical stability of temperature stratification. The map provides a complex view of topoclimatic processes occurring within the ground and boundary atmosphere layers. A map of relief types and some formations was also made by a following collective of authors: Antonín Ivan, Karel Kirchner, Vítězslav Nováček - who are also authors to the accompanying text which can serve as a methodological procedure to design the proper map.



The map of relief types and some formations illustrates fundamental geomorphological characteristics of the given area which is situated in six basic relief types (from flat uplands on flysch with remains of platform formations through to flat hilly lands on eolic sands). Some relief types were monitored in the area under study at the same time. The terrain survey as well as a study of aerial and cosmic materials and other available cartographic and text documents revealed altogether 25 specific relief types (from areas suffering from landslips, over side erosion through to anthropogenic formations of the relief). In 1992-1993, the geomorphological project was partly funded also from the grant ordered at the Czech Academy of Sciences "Anthropogenic transformation of the relief and possibilities of its evaluation". Part of the set of thematic maps is also a map of area utilization, whose author is Vítězslav Nováček who also prepared the text section. The map of area utilization points out possibilities of using image data provided by the SPOT satellite in order to detect spatial distribution of individual landscape elements and components. Besides the natural (physico-geographical) background, the utilization of areas is a major physiognomic element of contemporary landscape, resulting physiognomy of the area under study being defined by natural framework and spatial distribution of products of human ac-

tivities. Three basic functional types came into existence in the area of interest during historical development, which are defined by spatial structure of area utilization as follows: 1-technical forms, 2-agricultural forms, 3-forest forms.

After the Federal Ministry for Environment of the former Czechoslovak Federative Republic had been abolished, many projects of federal character were closed down. These reasons as well as insufficient funds were main causes why the project was never properly finalized, being terminated with creation of the first version for methodology "Record of the status and geographical evaluation of biotopes in the Czech Republic" (44 pages of text and map author's originals). This version was handed over to the client and stored in archives of the former GGÚ. Thanks to apprehension of the management from the Institute of Geonics, Czech Academy of Sciences, Brno Branch Office, the set of thematic maps was decided to be published in 1993-1994. Partial knowledge gained in the course of the project will be made use of for solution of the grant project "Transformation of South Moravia border landscape", registered at the Grant Agency of the Czech Republic, which was launched in 1994.

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Corrigendum

Number 1/1994 of Moravian Geographical Reports brought a faulty informations in enclosures to the article J.Kolejka-V.Nováček: Maps of natural landscape types and land use in the Czech Republic. Actual scale of appendicies No.1 and No.2 is 1 : 1 250 000. The copyright bearer of the original map for appendix No.1, which was modified by J.Kolejka, is Austrian Institute of East and South-East European Studies (Emil Mazúr was the author). We apologize to our readers for the oversight.