

OLD GEOLOGICAL MAPS REGARDING MUNTENIA (1889-1943)

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Abstract. This work performs an inventory of the old geological maps regarding Muntenia. In total, 28 maps are listed in chronological order, of which 3 are official maps (very rare maps) carried out within the mapping programs run by geological institutions of the Romanian state, and 25 are author's maps, 5 of these being annexes to doctoral theses. The author maps also include the publications in which they were published, so that the bibliography consulted on this occasion is included in the text. Most maps (15) refer to Prahova, a region rich in mineral resources, oil, coal and salt.

Keywords: geological maps, Romania, Muntenia, Prahova.

Rezumat. Hărți geologice vechi privind Muntenia (1899-1943). În lucrare se face un inventar al hărților geologice vechi privind Muntenia. În total sunt listate în ordine cronologică 28 de hărți, dintre care 3 sunt hărți oficiale (hărți foarte rare), realizate în cadrul programelor de cartare derulate de instituții geologice ale statului român și 25 sunt hărți de autor, 5 dintre acestea fiind anexe la teze de doctorat. La hărțile de autor am menționat și publicațiile în care acestea au apărut, astfel că bibliografia consultată cu această ocazie este inclusă în text. Cele mai multe hărți (15) se referă la Prahova, regiune bogată în resurse minerale, petrol, cărbuni și sare.

Cuvinte cheie: hărți geologice, România, Muntenia, Prahova.

INTRODUCTION

The work presents 28 geological maps, three official ones, related to the national geocartographic context, made by Romanian geological institutions (Geological Bureau of Romania, Mines and Quarries Service and Geological Institute of Romania), and 25 author's maps, the most (15) related to the Prahova region. Five maps are appendices to the authors' PhD theses. The maps are presented in chronological order, also mentioning the publications in which they appeared, so that the bibliography consulted on this occasion is included in the text.

THE NATIONAL GEOCARTOGRAPHIC CONTEXT

1. Geological Bureau of Romania (1882-1889). GREGORIU Ș. et al., 1889. Geological map of Romania at the scale of 1:175,000 (Curtea de Argeș, Târgoviște and Sinaia sheets). Private collection.
2. Mines and Quarries Service. POPOVICI-HAȚEG V., 1900. Geological map of Romania at the scale of 1:300,000. Unique copy. Private collection.
3. Geological Institute of Romania. TEISSEYRE W., 1911. Geological map of Romania at the scale of 1:50,000, Vălenii de Munte sheet. Provisional edition. Private collection. We mention that 3 more sheets were in print in 1915: Câmpina, Moreni-Haimanale and Șoimari. The 1:50,000 map project was abandoned due to the First World War and the increase of the country's territory in 1918, after the union of Transylvania with Romania.

AUTHORS' MAPS

1. POPOVICI-HAȚEG V., 1899. Geological map of the surroundings of Câmpulung and Sinaia, scale 1:200,000. Étude géologique des environs de Câmpulung et Sinaia. PhD Thesis, University of Paris, 218p.
2. G.M. MURGOCI, 1906. Map of arable soils in Bărgăan, scale 1:150,000. An. Inst. Geol. Rom., vol. I (publ. 1908).
3. MRAZEC L. & TEISSEYRE W., 1906. Geological map of the Valea Lungă, Câmpina and Buștenari region, without scale, uncolored. Yearbook Rom. Acad., Mem. Sect. Sci., ser. II, tom. XXVIII, p. 91-112. Active and abandoned oil exploration and exploitation, abandoned salt mines and stone quarries are located on the map.
4. MRAZEC L. & TEISSEYRE W., 1907. Geological map of the Valea Lungă, Câmpina and Buștenari region, graphic scale 1:150,000. International Petroleum Congress, Bucharest 1907. Excursion guide II.
5. MRAZEC L. & TEISSEYRE W., 1907. Geological sketch of the Băicoi-Țintea region, graphic scale 1:233,000. International Petroleum Congress, Bucharest 1907. Excursion guide II.
6. POPESCU-VOITEȘTI I., 1909. Geological sketch of the Muscele region between Dâmbovița and Olt, scale 1:200,000. The geological and paleontological study of the Muscele between the rivers Dâmbovița and Olt. Yearbook Inst. Geol., vol. II, p. 207-267.
7. TEISSEYRE W., 1909. The geological sketch of the Subcarpathian region in the eastern part of Muntenia, scale 1:500,000. Yearbook Inst. Geol. Rom., vol., II, p. 331-373.
8. REINHARD M., 1910. Geological map of the Făgăraș Mountains (southern slope), scale 1:330,000. The crystalline schists of the Făgăraș Mountains (Romanian slope). Yearbook Inst. Geol. Rom., vol. III, fasc. 1, pp. 105-123.

9. POPESCU-VOITEȘTI I. & MRAZEC L., 1910. Geological map of the Breaza de Jos and Breaza de Sus region, scale 1:50,000 (manuscript on calc). Private collection.
10. POPESCU-VOITEȘTI I., 1911. Geological sketch of the Getic Nummulitic, scale 1:500 000. PhD thesis. Contribution a l'étude stratigraphique du Nummulitique de la Depression Gétique (Roumanie Occidentale). Yearbook Inst. Geol. Rom., vol. III, p. 275-372.
11. POPESCU-VOITEȘTI I., 1915. Geological sketch of the Ogretin-Mierla region, Prahova, scale 1:50, 000. New data on the presence of the fossiliferous Tortonian in the flysch area of the South Subcarpathians (in romanian). Yearbook Inst. Geol. Rom., vol. VI, p. 332-363.
12. MRAZEC L., 1915. General geological sketch of the Pliocene area of the Subcarpathians between Ialomița and Cricov-Urlati, scale 1:300,000 (Fig. 1a). Les plis diapirs et le diapirisme en général. C.R. Inst. Geol. Rom., vol. VI, p. 226-270.
13. PREDA D.M., 1925. Geological map of the eastern part of Prahova district, scale 1:100,000. Geology and tectonics of the eastern part of Prahova county (in romanian). Year. Inst. Geol. Rom., vol. X, p. 1-82.
14. PROTESCU O., 1926a. Geological sketch of the region of Pliocene lignite deposits in the surroundings of Curtea de Argeș, scale 1:100,000. St. Tehn. Ec., vol. III, fasc. 5.
15. PROTESCU O., 1926b. Geological map of the Pliocene coal deposits in the surroundings of Câmpulung, Muscel County, graphic scale 1:500,000. St. Tehn. Ec., vol. III, fasc. 5.
16. PREDA D.M., 1927a. Geological map of the Teleajen Valley (Vălenii de Munte), scale 1:50,000. Association for the Advancement of Carpathian Geology (AACG) II. Excursion guide.
17. PREDA D.M., 1927b. Geological map of the Teleajen Valley (Măneciu Ungureni), scale 1:50,000. AACG II. Excursion guide.
18. MRAZEC L., ATANASIU I., 1927. Geological map of the Moreni-Gura Ocnitei diapir anticline, scale 1:20,000. (Fig. 1b). AACG II. Excursion guide.
19. POPESCU-VOITEȘTI I., MRAZEC L., PROTESCU O., 1927. Geological map of Prahova Valley between Câmpina and Comarnic, scale 1:50,000. AACG II. Excursion guide.
20. PROTESCU O., 1929a. Geological map of the Doicești region (Dâmbovița district) with Pliocene coal deposits, scale 1:75,000. St. Tehn. Ec., vol. III, fasc. 7.
21. PROTESCU O., 1929b. Geological map of the Ceptura-Urlați region with Pliocene coal deposits (Prahova County), scale 1:50,000. St. Tehn. Ec., vol. III, fasc. 7.
22. MURGEANU G., 1934. Geological map of the Comarnic and Teșila region (Prahova), scale 1:75,000. (title in French). La nappe interne du flysch dans les environs de Comarnic et de Teșila. An. Inst. Geol. PhD Thesis. Rom., vol. XVI, p. 281-326.
23. FILIPESCU G.M., 1936. Geological map of the region between Teleajen and Doftana (Prahova district), scale 1:100,000. Recherches géologiques entre la Vallée du Teleajen et la Vallée de la Doftana (District de Prahova). PhD Thesis. Yearbook Inst. Geol. Rom., vol. XVII, p. 445-648.
24. PETRESCU O., 1940. Map of the eastern region of the Romanian Plain, scale 1:500,000. Recherches hydrochimiques dans la région nord-est de la Plaine Roumaine. An. Inst. Geol. Rom., vol. XX, p. 221-341.
25. ONCESCU N., 1943. Geological map of the Piatra Craiului-Bucegi region, scale 1:75,000 (title in French). Region de Piatra Craiului-Bucegi. Étude géologique. PhD Thesis. An. Inst. Geol., vol. XXII, p. 1-124.

CONCLUSIONS

The presented geocartographic data highlights the fact that, in the first three decades after its establishment, the research activity of the Geological Institute of Romania mainly focused on the Prahova region, not because it is very close to Bucharest, but because it is rich in mineral resources, oil, coals and salt. Also, out of the five doctoral theses, three dealt with the Subcarpathians of Muntenia. At the moment, this dedication to the knowledge of the mineral wealth of the country is completely lacking in the Geological Institute.

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