

## Editorial

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In the course of an intensive geological exploration during the 1950's to 1980's carried out particularly by the Czech Geological Survey and by the companies Geoindustria, Geofyzika and Uranový průzkum (Uranium Exploration), a wealth of geological, geophysical, geochemical and metallogenic data on most granitoid massifs in Bohemia has been gathered. A number of mainly metallogeny-oriented data has been published in the MAWAM bulletins (Štemprok et al. 1974–1978), attempt at a systematic petrographical compilation of the Bohemian granitoids has remained unaccomplished (Hejtman 1984).

Most of the obtained data are nevertheless stored in unpublished professional reports inaccessible to the wider geologic public. This fact gave in 1991 rise to the idea of collecting the most important existing data on all plutons in Bohemia and publishing them in a synoptic form. The publication was designed to be our contribution towards the international IGCP 252 project "Rare Metal Granitoids".

The sweeping organizational changes in virtually all of the Czech geological institutions in 1990–1993, the cessation of activities of some of them and the exodus of a considerable number of geologists into other professions caused the preparation of the publication to take four years instead of the planned two. Another reason was the inaccessibility of a part of the data from the archives of the reorganized institutions (e. g. the extensive data sets on basement of the Northern Bohemian Cretaceous owned by the Uranový průzkum), in other areas there was no geologist courageous enough to compile such a study (the Moldanubian plutons). On the other hand, several synoptic studies summarizing the existing knowledge have been published on the Krušné hory (Erzgebirge) Mountains at the time of preparation of this bulletin (e.g. Förster, Tischendorf 1994, Breiter, Seltmann 1995) and therefore we did not consider it necessary to publish another study dealing with the same topic.

The six papers included in the bulletin take varying views of the Bohemian granitoids, reflecting particularly personal experiences of their authors. Pokorný's contribution attempts at a synthesis of the Bohemian granitoids with regard to their relation to the geophysical fields and block structure of the Bohemian Massif. Contribution of Breiter and Sokol provides basic chemical data of nearly all the Bohemian granitoids. Those of Holub and Holub et al. synthesize author's long-time investigations of the Central Bohemian pluton and of the ultra-potassic rocks. Contributions of Kopecký et al. and Drožen et al. summarize an economic-oriented comprehensive research of the Čistá-Jesenice and the Železné hory plutons.

Majority of the papers (Breiter et al., Hájek et al., Kopecký et al., Pokorný) were written in 1993 and revised in 1994. Just very little of the most important new data obtained in the period 1994–95 could have been incorporated into text before printing. In spite of that we believe that this volume as a whole will give a useful overview of the current state of granitoid research in Bohemia.

### References

- BREITER, K. - SELTMANN, R. (1995): Ore mineralizations of the Krušné hory Mts. (Erzgebirge). Third Biennial SGA meeting Excursion Guide. 200 p. – Čes. geol. úst. Praha.
- FÖRSTER, H.-J. - TISCHENDORF, G. (1994): The western Erzgebirge-Vogtland granites: implications to the Hercynian magmatism in the Erzgebirge-Fichtelgebirge anticlinorium. In: Seltmann, R. - Kämpf, H. - Möller, P. (Eds.): Metallogeny of collisional orogen. 35–48. Čes. geol. úst. Praha.
- HEJTMAN, B. (1984): Petrografie vyvřelých hornin Českého masívu 1. 185 p. – Univerzita Karlova. Praha.
- ŠTEMPROK, M. (Ed.) (1974–1978): Metallization associated with acid magmatism. Vol. 1–3. Ústř. úst. geol. Praha.