Camiro 1.0 – The Romanian Cave Minerals Database Program

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The present article introduces the Cave Minerals of Romania database (CAMIRO 1.0), a computer-based program that allows cataloging of all known cave mineral species including their main characteristics. CAMIRO 1.0 is a mineralogical database created using Borland Delphi 4 Professional, an object-oriented, visual-programming environment that allows rapid application development. CAMIRO 1.0 is a collection of geologic, mineralogic, crystallographic, and protection information about cave minerals. It holds and organizes large amounts of information, including photos. Related information (e.g., mineralogical or crystallographic) are grouped together to form records. These records are gathered into several related fields. In order to logically group all necessary fields we have created the following three pages: General data, Mineralogical data, and Crystallographic data. Such a cave minerals database would have many various scientific purposes or it could simply be a quick and easy to surf electronic handbook. With the help of its easy-to-excess content, the database could provide cavers with basic information on identifying and describing the mineralogy of most of the strange-looking speleothems.