

Novinky a nové minerály z Jáchymova (2003 - 2014)

News and new minerals from Jáchymov, Czech Republic (2003 - 2014)

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Abstract

A famous ore district Jáchymov (Joachimsthal), Czech Republic, which has several times in the past excited, at least, Europe, due to the richness of the silver ores (16th century), discovery of polonium and radium in uraninite (beginning of the 20th century) and provided U-ore for fissile material used in the first Soviet atomic bomb (50ties of the 20th century), provided in last decade a numerous supergene minerals new to the mineralogical systematics (adolfpateraite, agricolaite, albrechtschraufite, babánekite, běhounekite, čejkaite, geschieberite, hloušekite, línekite, mathesiusite, metarauchite, ondrušíte, pseudojohannite, sejkoraite-(Y), slavkovite, štěpíte, švenekite, veselovskýite, vysokýite), or new minerals for the Jáchymov ore district (bayleite, burgessite, chalcoalumite, chalconatronite, cobaltzippeite, deliensite, fourmarierite, goudeyite, grimselite, klajite, marécottite, philipsbornite, pradetite, ruthefordine, saléeite, segnitite, sengiéríte) and due to the availability of a voluminous documentary material, for many rare minerals it has been possible to supply a new data (compreignacite, köttigite, metakirchheimerite, metatyuyamunite, mimetite, parsonsite, rabejacite, sklodowskite, soddyite and zippeite).

Key words: new minerals, oxide zone, description, chemical composition, unit-cell parameters, Jáchymov, Czech Republic

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