

PSEUDOPALAIITE = PALAIITE (=HUREAULITE?)

BRIAN MASON, *op. cit.*

An *x*-ray photograph of pseudopalaite (de Jesus, 1933) from the type locality in Portugal was identical with that given by palaite (Schaller, 1912) from Pala, Cal. Type hureaulite was not available for *x*-ray study, but comparison of physical and chemical properties suggests that hureaulite and palaite are identical. The name hureaulite (1854) has priority.

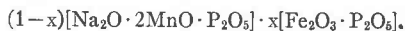
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REDEFINITION OF ALLUAUDITE

LEMNÄSITE = ALLUAUDITE

BRIAN MASON, *op. cit.*

It is shown that the oxidation of the Na minerals varulite-arrojadite and natrophilite takes place in two stages, the first stage involving oxidation of Fe only, giving alluaudite; the second stage being the oxidation of Mn, giving heterosite-purpurite. Alluaudite is therefore the sodium analogue of sicklerite, and its formula is



X-ray study shows that lemnäsite (Pehrman, 1939) from Lemnäs, Finland, is identical with with type alluaudite (Damour, 1848) from Chanteloube, France.

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