

**FLUORO-POTASSIC-MAGNESIO-ARFVEDSONITE, $\text{KNa}_2\text{Mg}_5\text{Si}_8\text{O}_{22}\text{F}_2$,
FROM THE OUTAOUAIS REGION, QUEBEC, CANADA**

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The mineral occurs near Cantley, in the Outaouais region of southwestern Quebec, in fenitized Mesoproterozoic metasedimentary rocks (Hogarth & Lapointe 1984, sample 300), through Gatineau (Hogarth *et al.* 1987, sample 1070D) and Val-des-Monts (formerly Perkins; *ibid.*, samples 1093B, 1093F and 1094A). It has recently been analyzed from narrow dolomite–amphibole veins cutting Mesoproterozoic alkali feldspar trachyte, northeast of Gatineau, Buckingham sector (Hogarth, unpubl. data). In total extent, the amphibole-bearing zone is about 30 km long (east–west) and 10 km wide (north–south). The mineral was approved by CNMMN as case no. 85–23. Petrological, optical, physical-property, compositional, Mössbauer, X-ray and unit-cell data for the type specimen were given in Hogarth *et al.* (1987, sample 1093B), but a separate abstract, as a new mineral species, was not published. The former name, *potassium fluor-magnesio-arfvedsonite*, was modeled after the nomenclature of Leake (1978), but the new name, *fluoro-potassic-magnesio-arfvedsonite*, conforms to the revised guidelines of Leake *et al.* (1997) and Burke & Leake (2004).

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