Crystal Data: Monoclinic. *Point Group*: 2/*m*. As prismatic crystals that display {110}, {010}, and {001}.

Physical Properties: *Cleavage*: Perfect on {110}. *Tenacity*: Brittle. *Fracture*: Conchoidal. Hardness = 5.5 D(meas.) = n.d. D(calc.) = 3.51 Nonfluorescent.

Optical Properties: Transparent to translucent. *Color*: Black. *Streak*: Dark green.
Luster: Vitreous.
Optical Class: Biaxial (-). α = 1.708(2) β = 1.716(3) γ = 1.718(3) 2V = n.d.
Pleochroism: Strong, *X* = green, *Y* = brown-green, *Z* = pale blue to blue. *Dispersion*: Strong to medium, $v > r$.

Cell Data: *Space Group*: *C*2/*m*. a = 9.9405(7) b = 18.256(2) c = 5.3501(3) β = 105.117(5)° Z = 2

X-Ray Diffraction Pattern: Danailingou, Tongxing, Keshiketeng Banner, Inner Mongolia, China. 8.504 (100), 2.735 (71), 3.155 (63), 3.417 (36), 2.623 (35), 2.570 (34), 2.179 (30)

Chemistry:

	(1)
SiO_2	35.02
TiO_2	0.35
Al_2O_3	10.69
Cr_2O_3	0.03
Fe_2O_3	7.33
FeO	26.08
CaO	11.35
MnO	0.43
MgO	0.23
Na_2O	0.061
K_2O	2.79
F	0.00
Cl	2.79
-O = Cl	0.67
H_2O^+	[1.43]
Total	98.66

(1) Danailingou, Tongxing, Keshiketeng Banner, Inner Mongolia, China; average electron microprobe and Mössbauer spectrographic analyses, H_2O^+ calculated from stoichiometry; corresponds to $^{A}(K_{0.61}Na_{0.20}Ca_{0.07})_{\Sigma=0.88}{}^{B}Ca_{2.00}{}^{C}(Fe^{2+}_{3.72}Fe^{3+}_{0.94}Al_{0.12}Mn_{0.06}Mg_{0.06}Ti_{0.04}Ni_{0.01})_{\Sigma=4.96}$ $^{T}(Si_{5.97}Al_{2.03})O_{22}{}^{W}[(OH)_{1.14}Cl_{0.86}]$.

Mineral Group: Amphibole supergroup, calcic group.

Occurrence: In irregular, miarolitic, "hornblendite" veins cutting volcanic rocks.

Association: K-rich hastingsite, potassic-chloro-hastingsite, quartz, biotite, zoisite, chlorite.

Distribution From Danailingou, Tongxing town, Keshiketeng Banner, Inner Mongolia, China.

Name: The prefix identifies the K-dominant analogue of *hastingsite*.

Type Material: Geological Museum of China, Beijing, China (M13815).

References: (1) Ren, G., G. Li, J. Shi, X. Gu, G. Fan, A. Yu, Q. Liu, and G. Shen (2020) Potassic-hastingsite, $KCa_2(Fe^{2+}_4Fe^{3+})(Si_6Al_2)O_{22}(OH)_2$, from the Keshiketeng Banner, Inner Mongolia, China: description of the neotype and its implication. Mineralogy and Petrology, 114, 403-412.