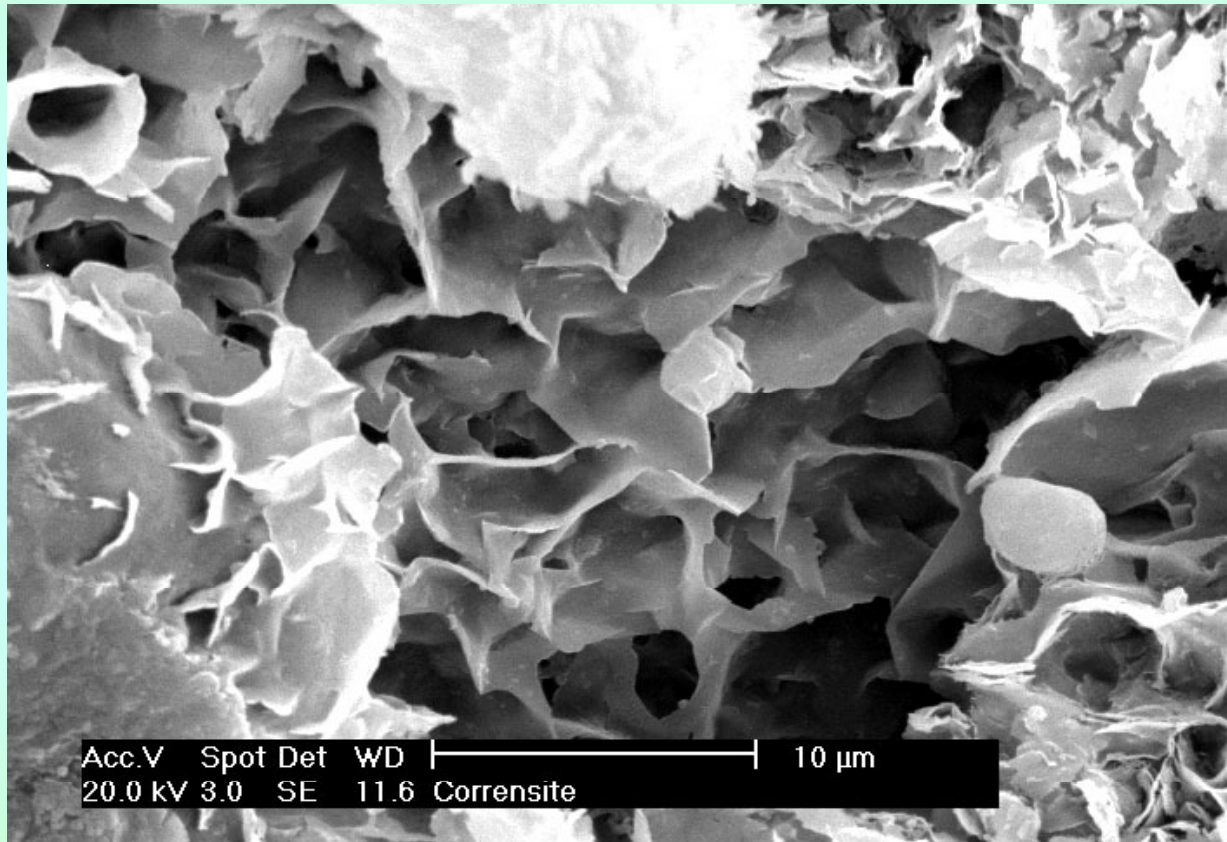
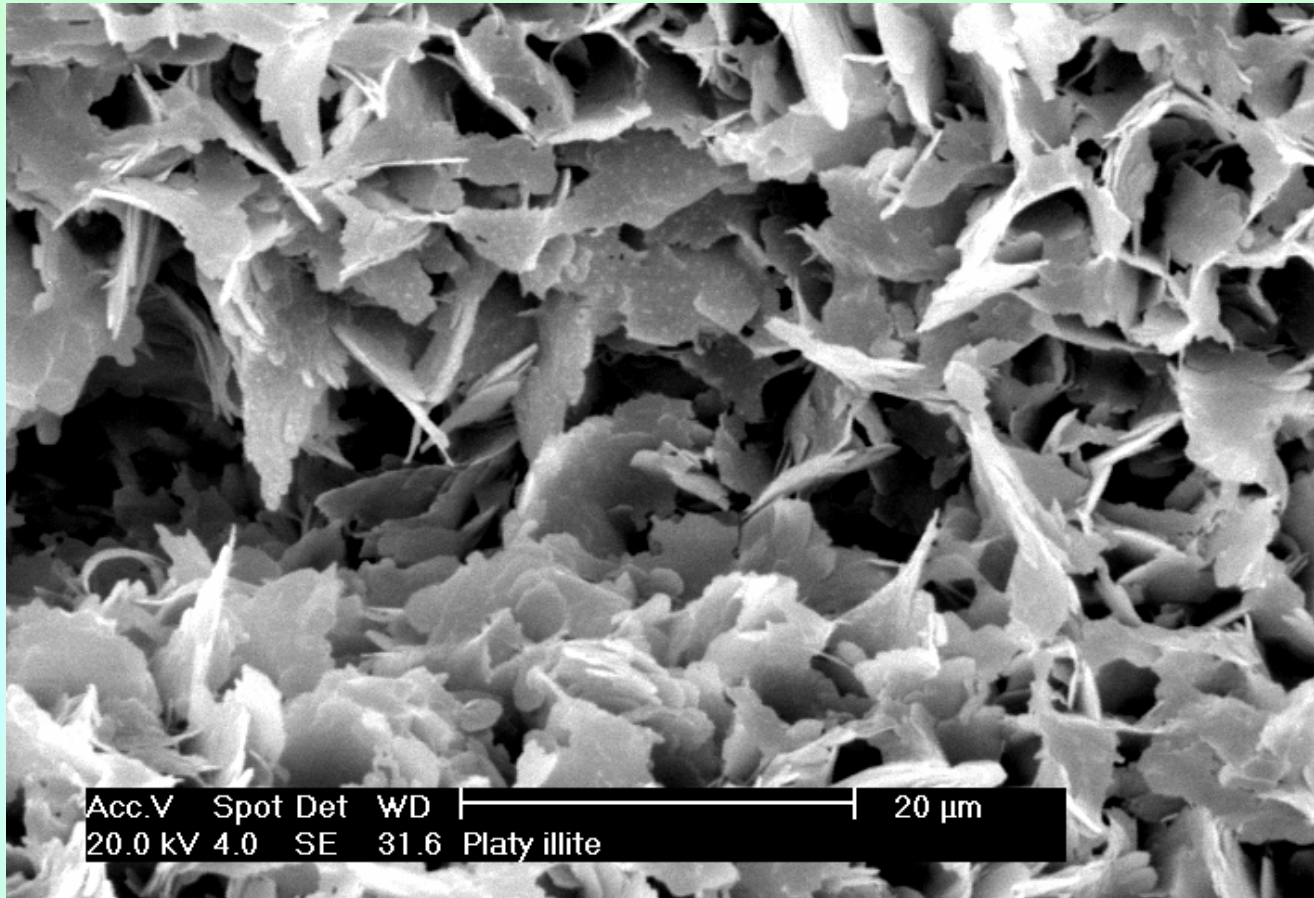


# JÍLOVÉ MINERÁLY



Zobrazení rastrovací elektronovou mikroskopií 2

# Illit - vločkovitý

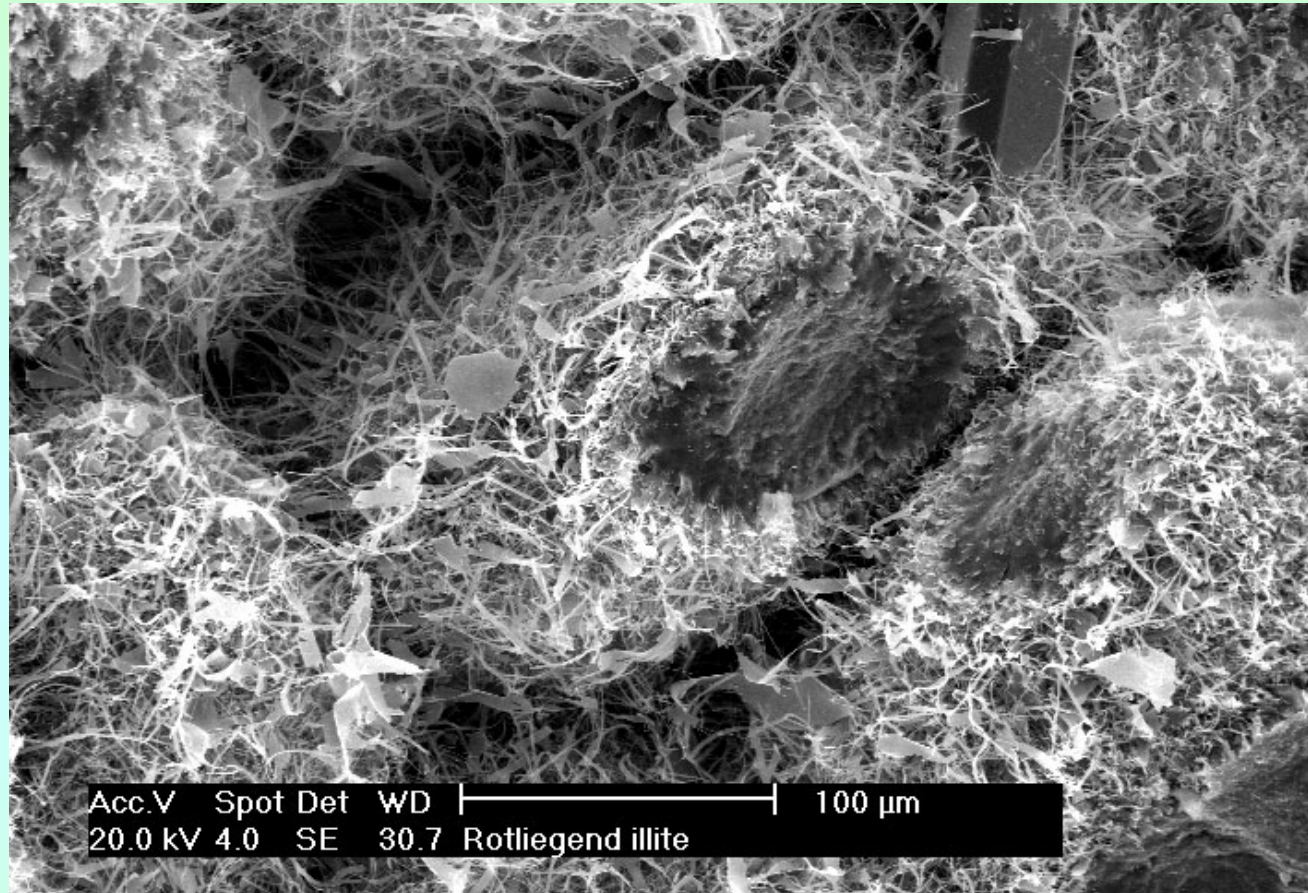


## Platy Illite from the Rotliegend of Northern Germany

Photo courtesy of M. Roe, from a sample in the Macaulay Institute Collection)

<http://www.minersoc.org/pages/gallery/claypix/>

# Illit - vláknitý

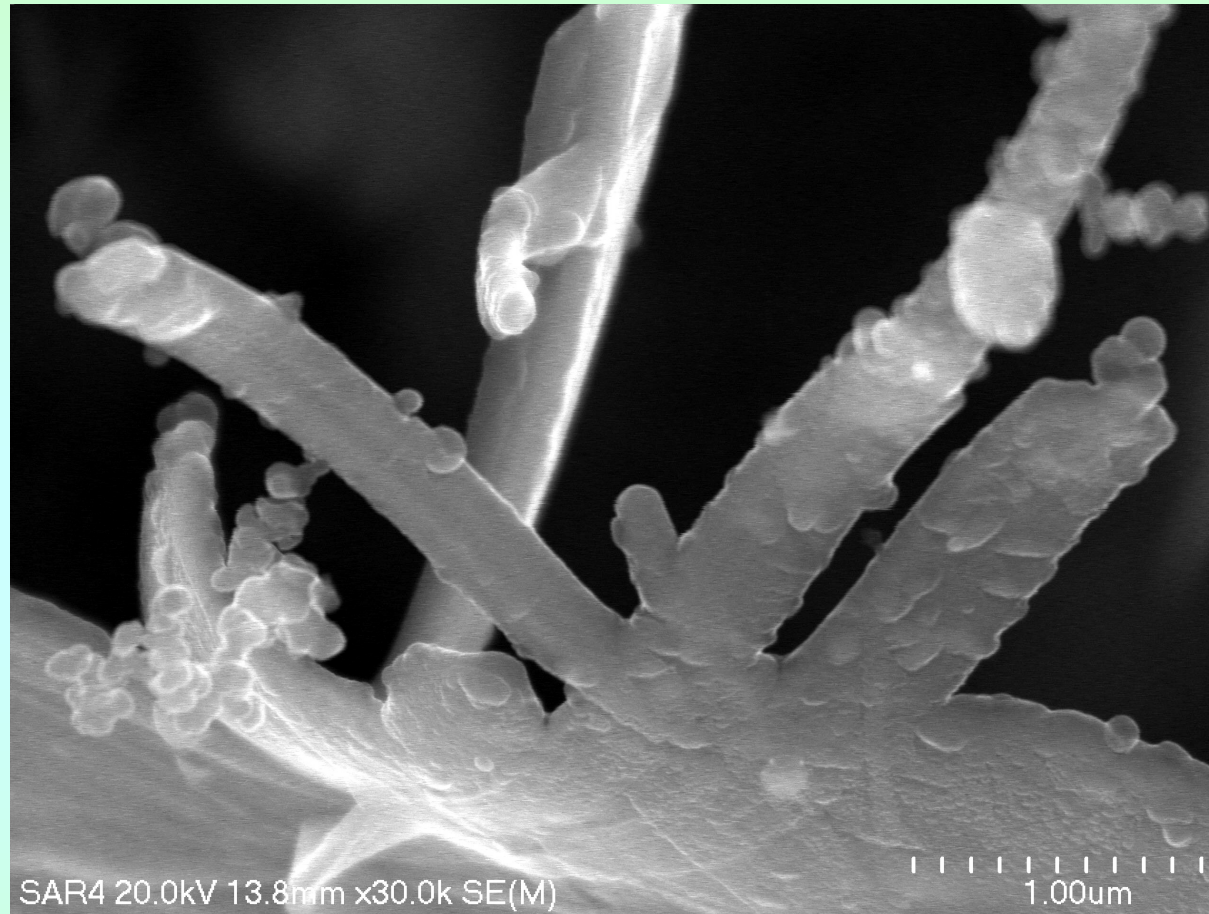


**Fibrous illite, critical point-dried from methanol, Rotliegend Sandstone, North Sea**

Photo courtesy of M. Roe, Macaulay Inst. Sample 'Ill-34': Macaulay Collection)

<http://www.minersoc.org/pages/gallery/claypix/>

# Illit - lištovitý



## Illite from Weissliegend sandstone from Fore Sudetic Monocline

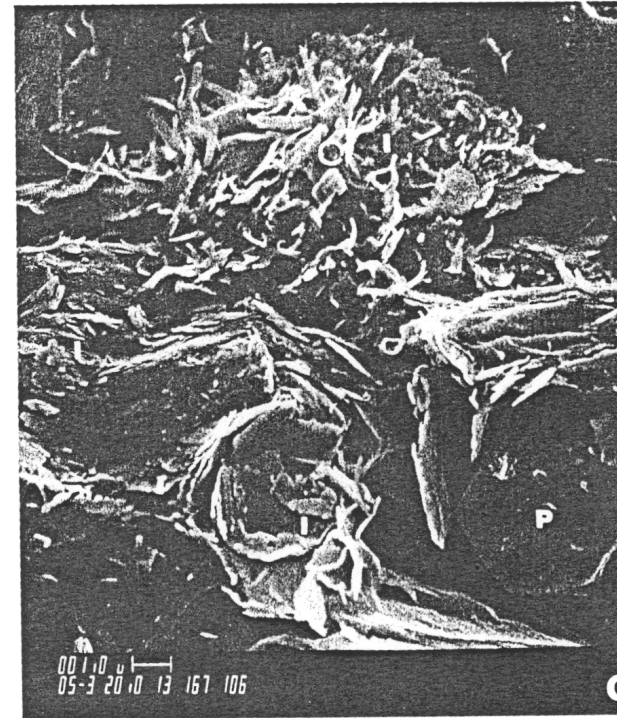
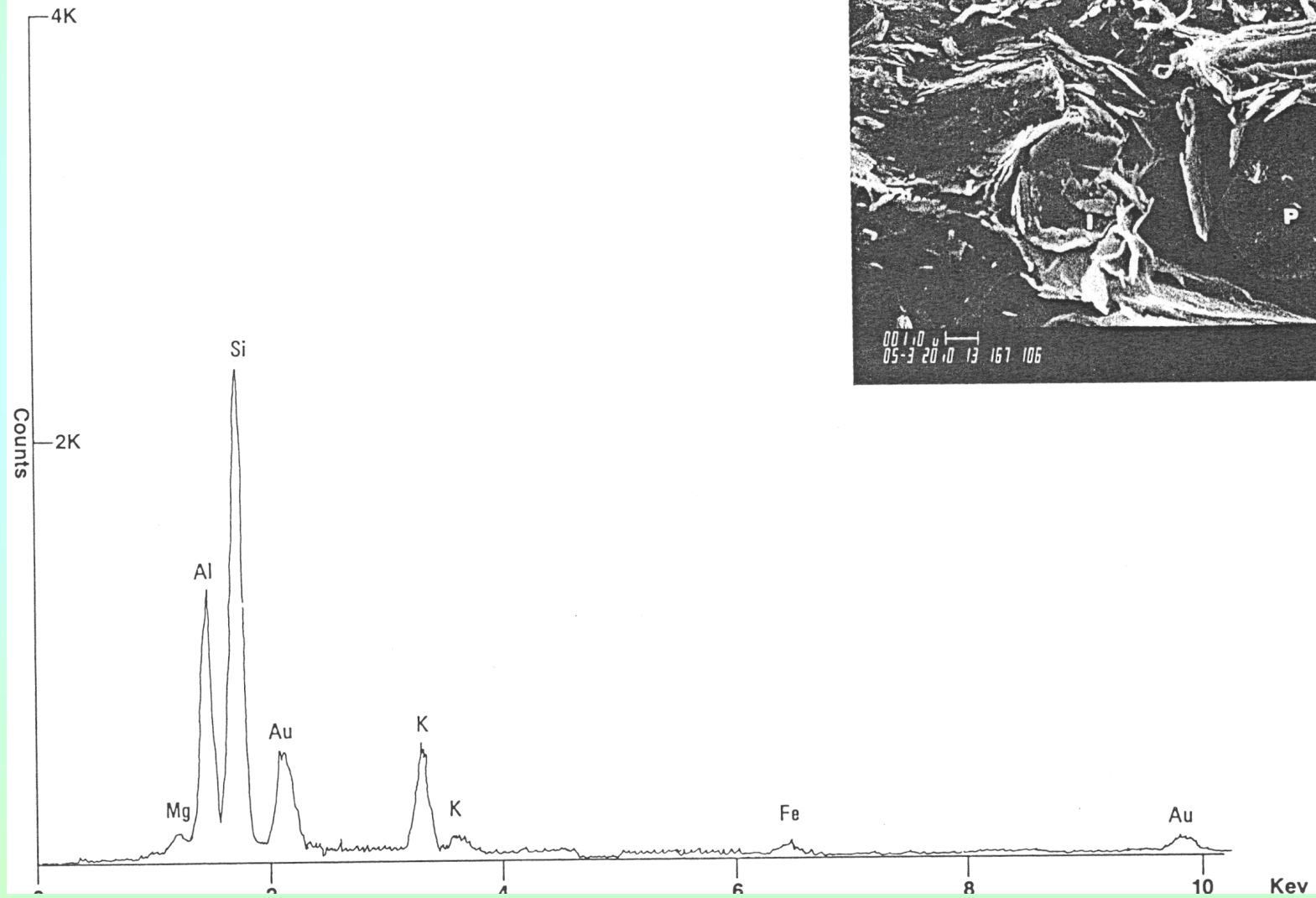
Photo courtesy of Michal Skiba, Institute of Geological Sciences, Jagiellonian University, Kraków

<http://www.minersoc.org/pages/gallery/claypix/>

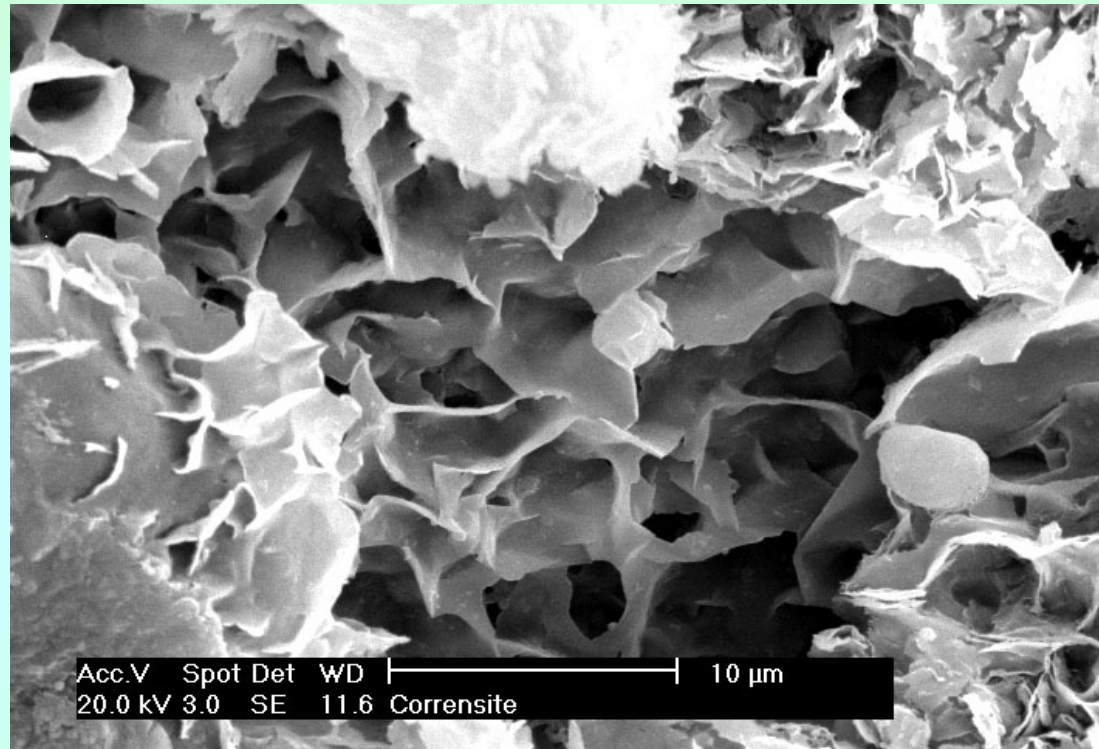
# Energy Dispersive X-Ray Spectrum (EDX)



illit



# Corrensit (chlorit/saponit, vermikulit)

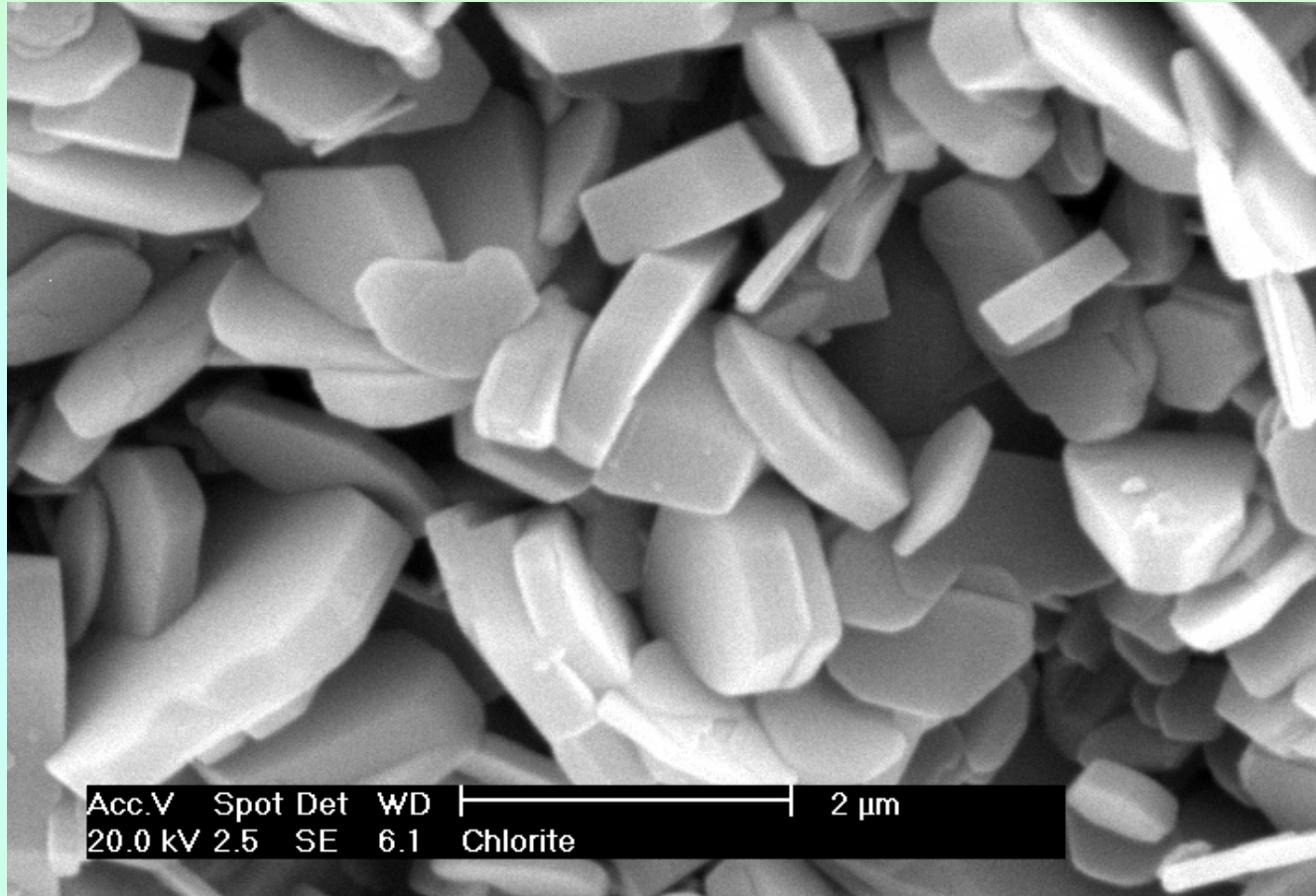


**Permian, Yates Formation, Texas**

Photo courtesy of M. Roe, Macaulay Institute. Sample 'Y2', Macaulay Colln.

<http://www.minersoc.org/pages/gallery/claypix/>

# Chlorit 1 - Fe bohatá forma

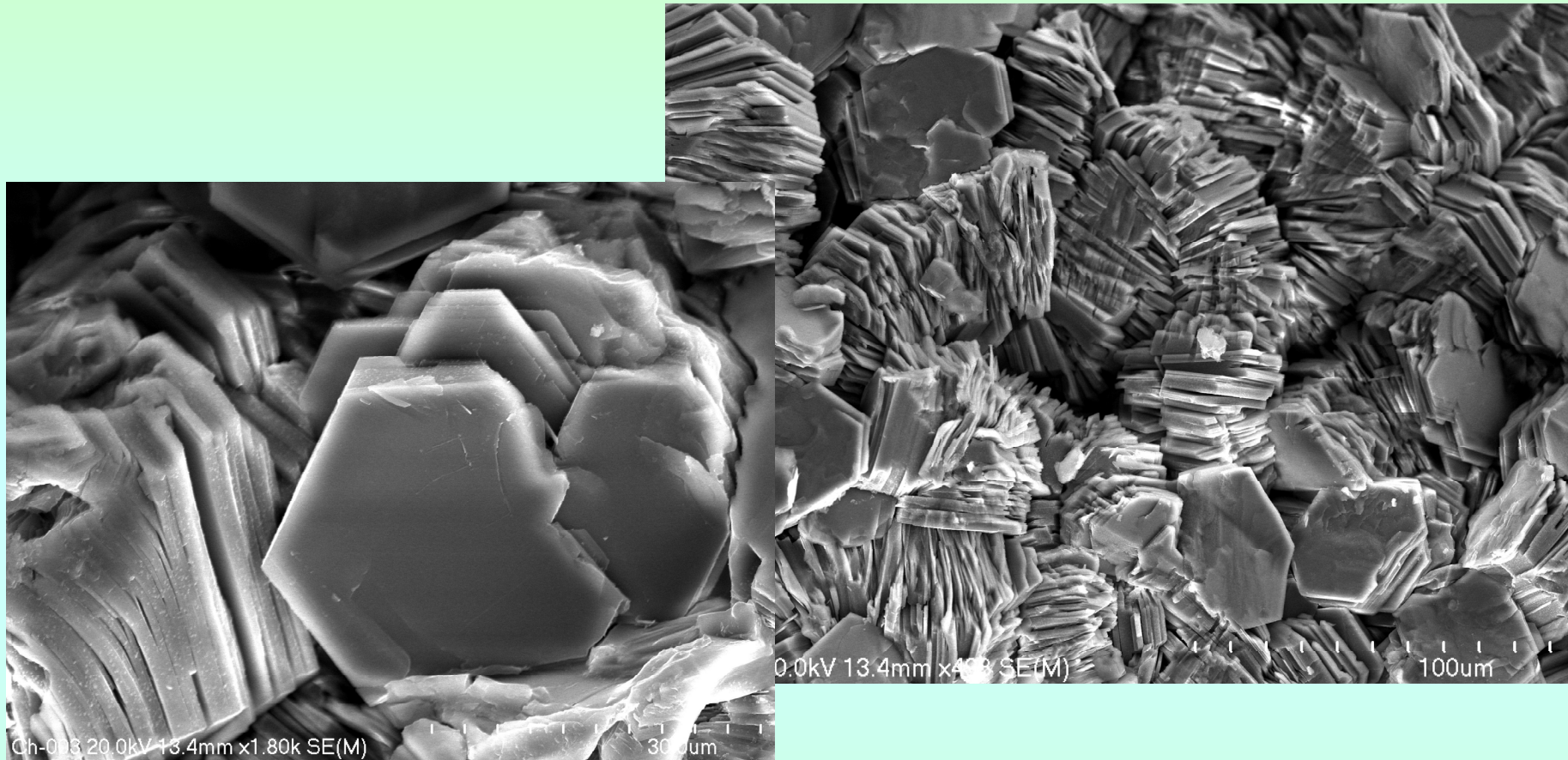


**Fe-rich chlorite, Spiro Sandstone, Arkoma Basin, Oklahoma, USA**

Photo courtesy of M. Roe, Christoph Spötl, Macaulay Institute, 'Chlo-28'

<http://www.minersoc.org/pages/gallery/claypix/>

# Chlorit 2 Fe-forma



**Fe-rich chlorite from alpine fissure collected within the Mt Blanc massif near Chamonix, France**

Photo courtesy Michal Skiba, Institute of Geological Sciences, Jagiellonian University, Kraków

<http://www.minersoc.org/pages/gallery/claypix/>

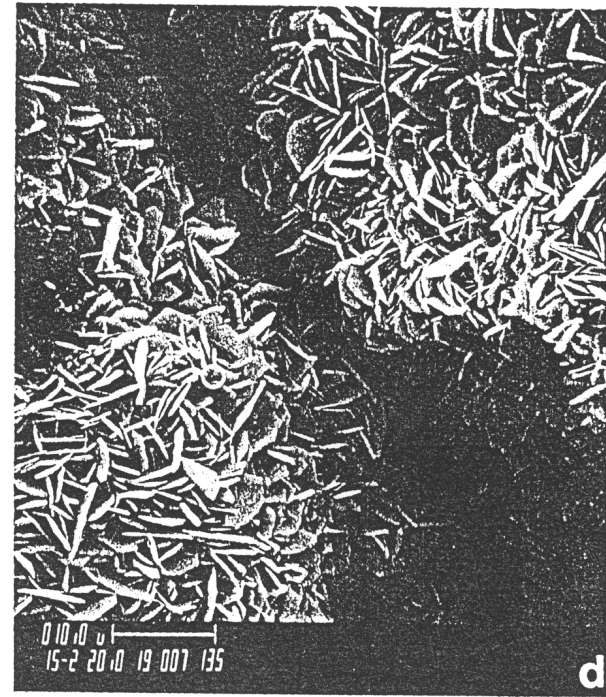
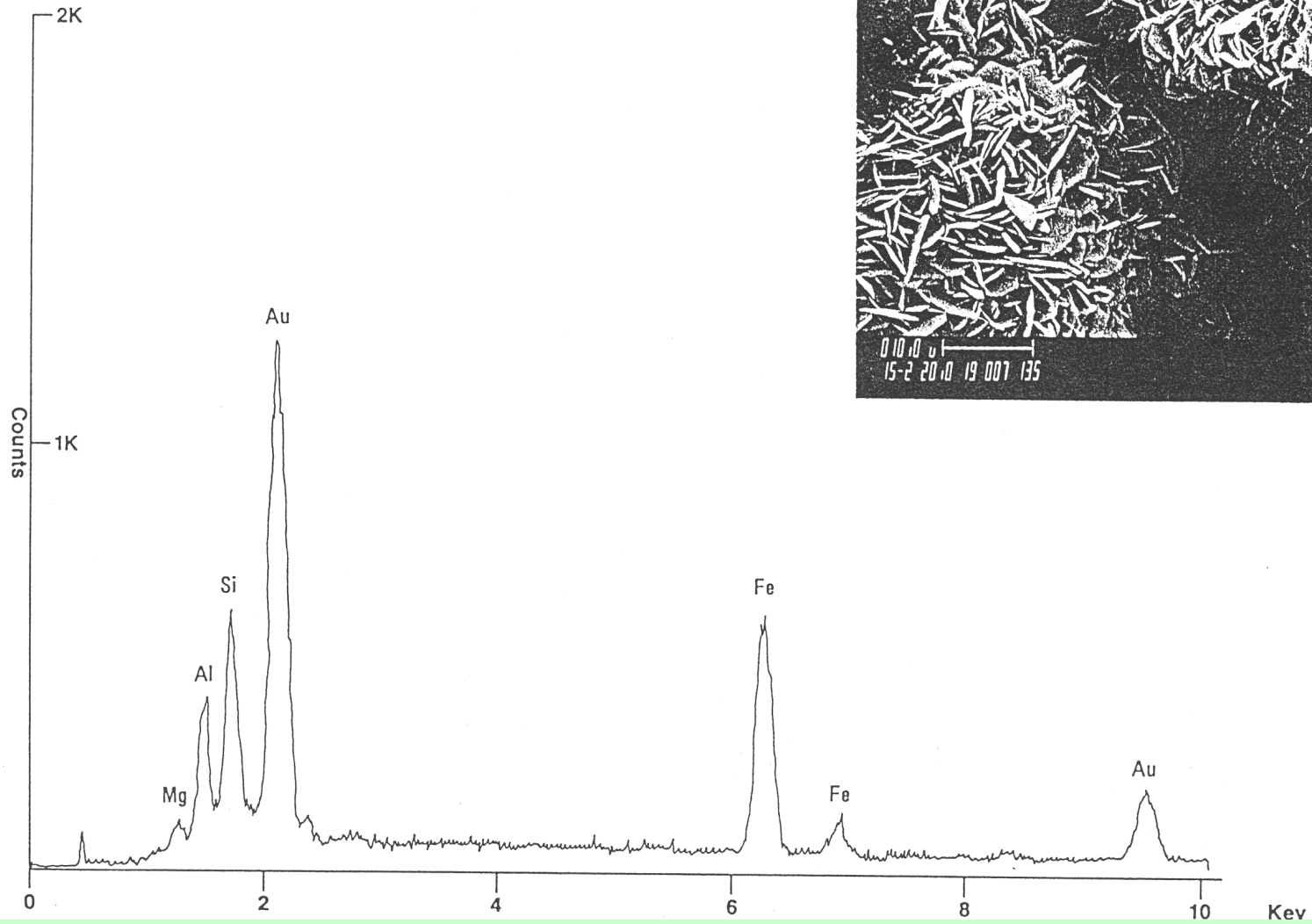


Silicates—Clay (Chlorite)

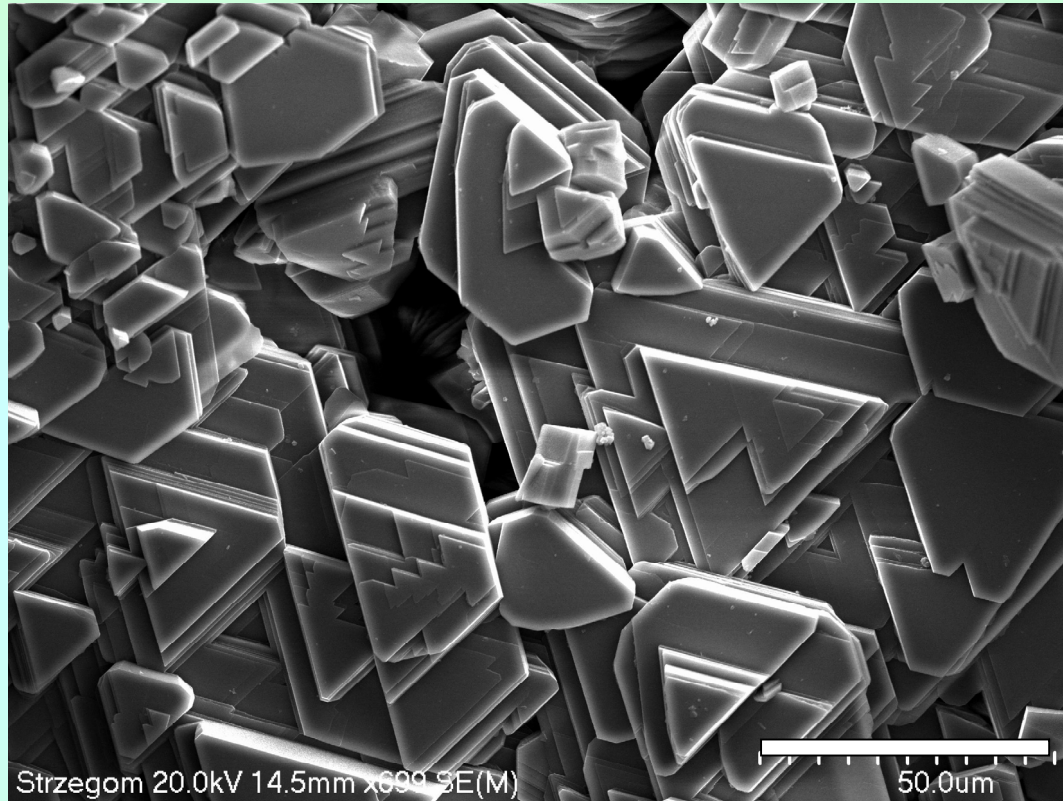
### Energy Dispersive X—Ray Spectrum (EDX)

Chlorite (Mg, Al, Fe)<sub>12</sub> [(Si, Al)<sub>8</sub> O<sub>20</sub>] (OH)<sub>16</sub>

# chlorit



# Fe, Al- Chlorit

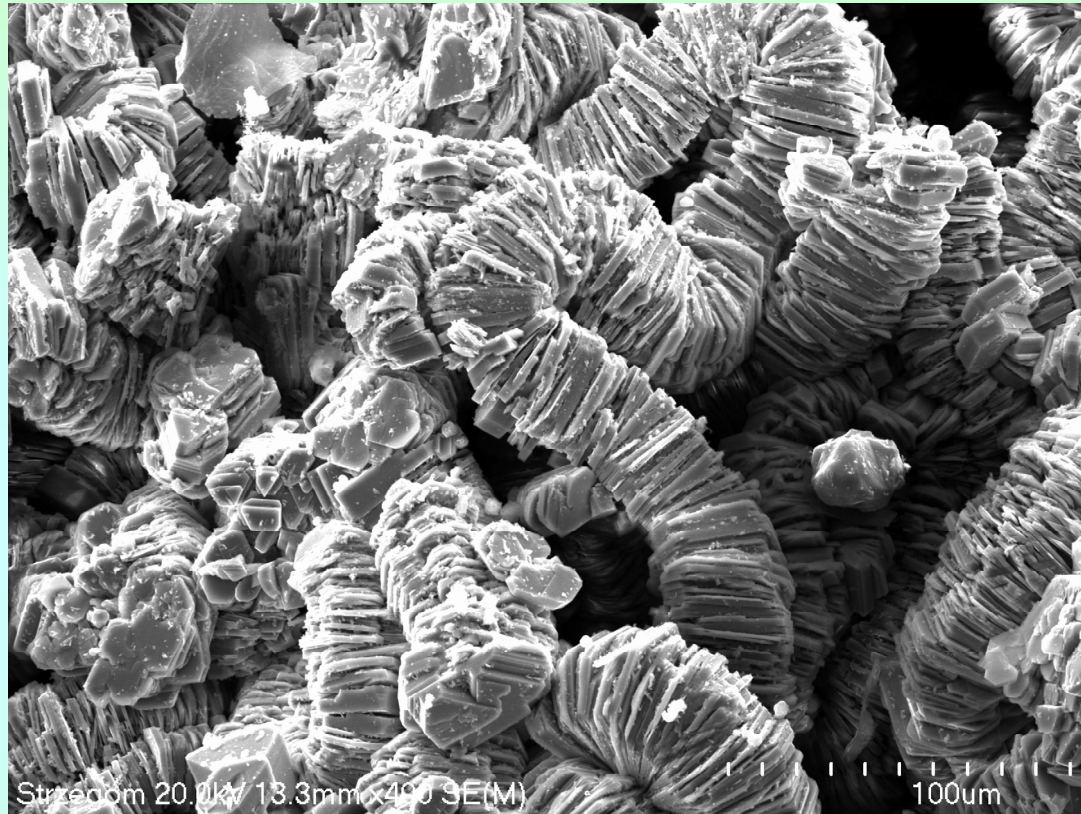


**Fe and Al rich chlorite from Strzegom pegmatite (Poland).**

Photo courtesy of Michal Skiba, Institute of Geological Sciences, Jagiellonian University, Kraków

<http://www.minersoc.org/pages/gallery/claypix/>

# Fe, Al-Chlorit

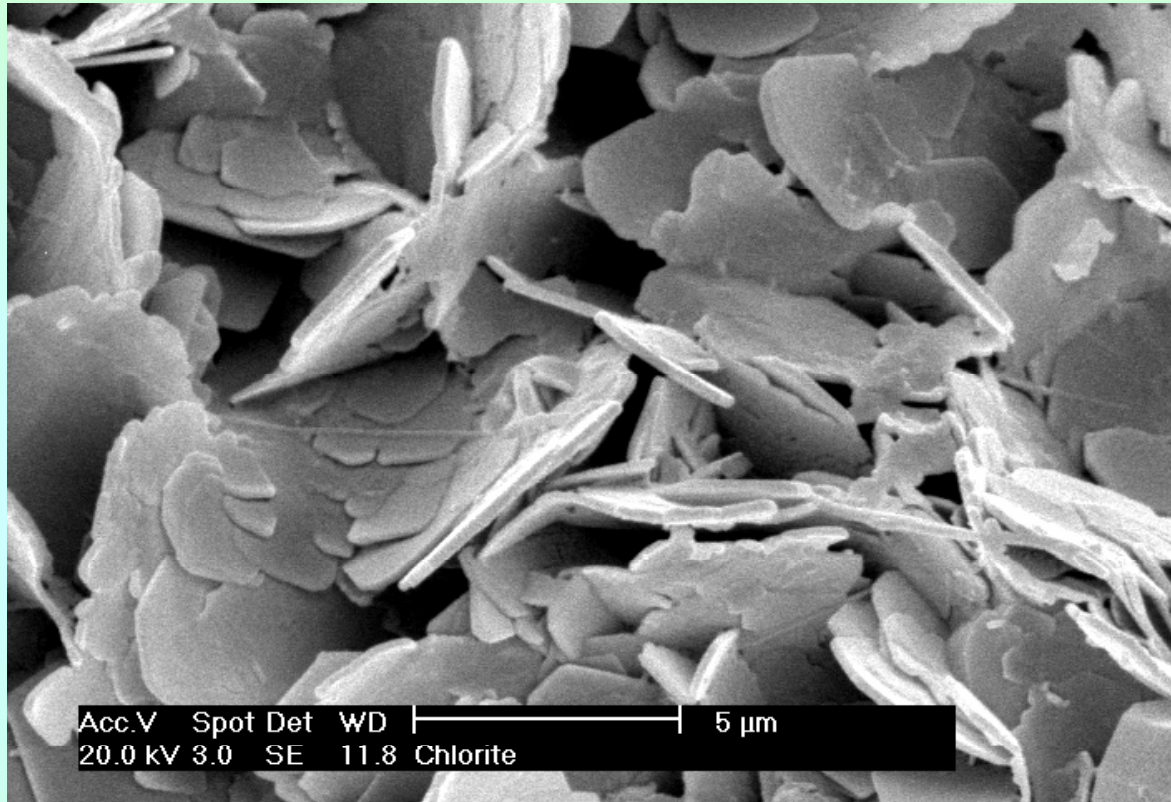


**Fe and Al rich chlorite from Strzegom pegmatite (Poland).**

Photo courtesy of Michal Skiba, Institute of Geological Sciences, Jagiellonian University, Kraków

<http://www.minersoc.org/pages/gallery/claypix/>

# Mg - Chlorit

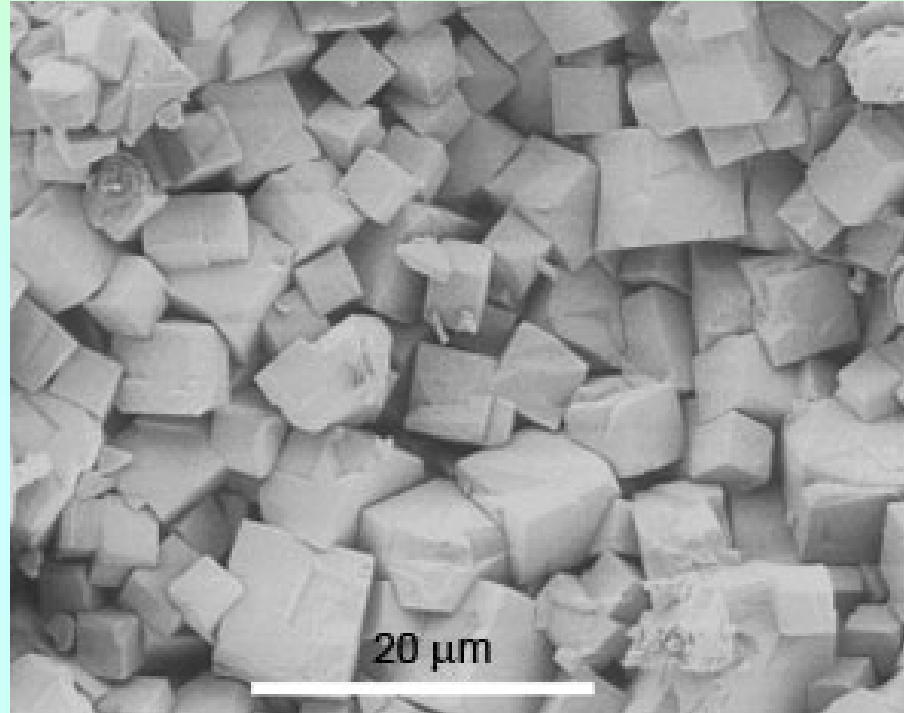


**Mg-rich chlorite, Rotliegend, Northern Germany**

Photo courtesy of M. Roe, Macaulay Institute. Sample 'Chlo-30', Macaulay Colln

<http://www.minersoc.org/pages/gallery/claypix/>

# Alunit

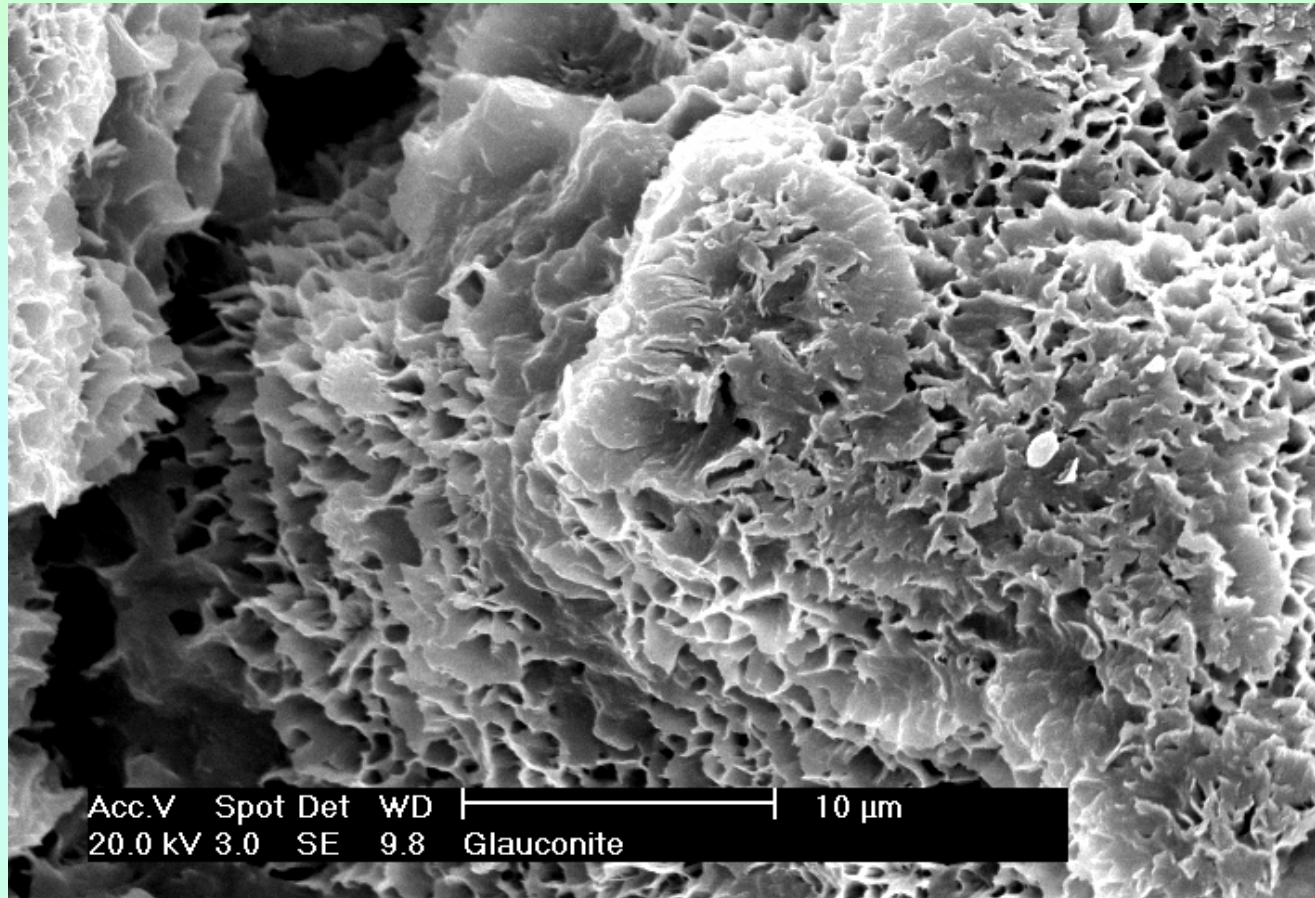


Rhombohedral structure of alunites displaying casts of step growth features  
Turplu Mine, Balıkesir, Turkey

Photo courtesy of Ömer Işık Ece, Istanbul Technical University

<http://www.minersoc.org/pages/gallery/claypix/>

# Glauconit

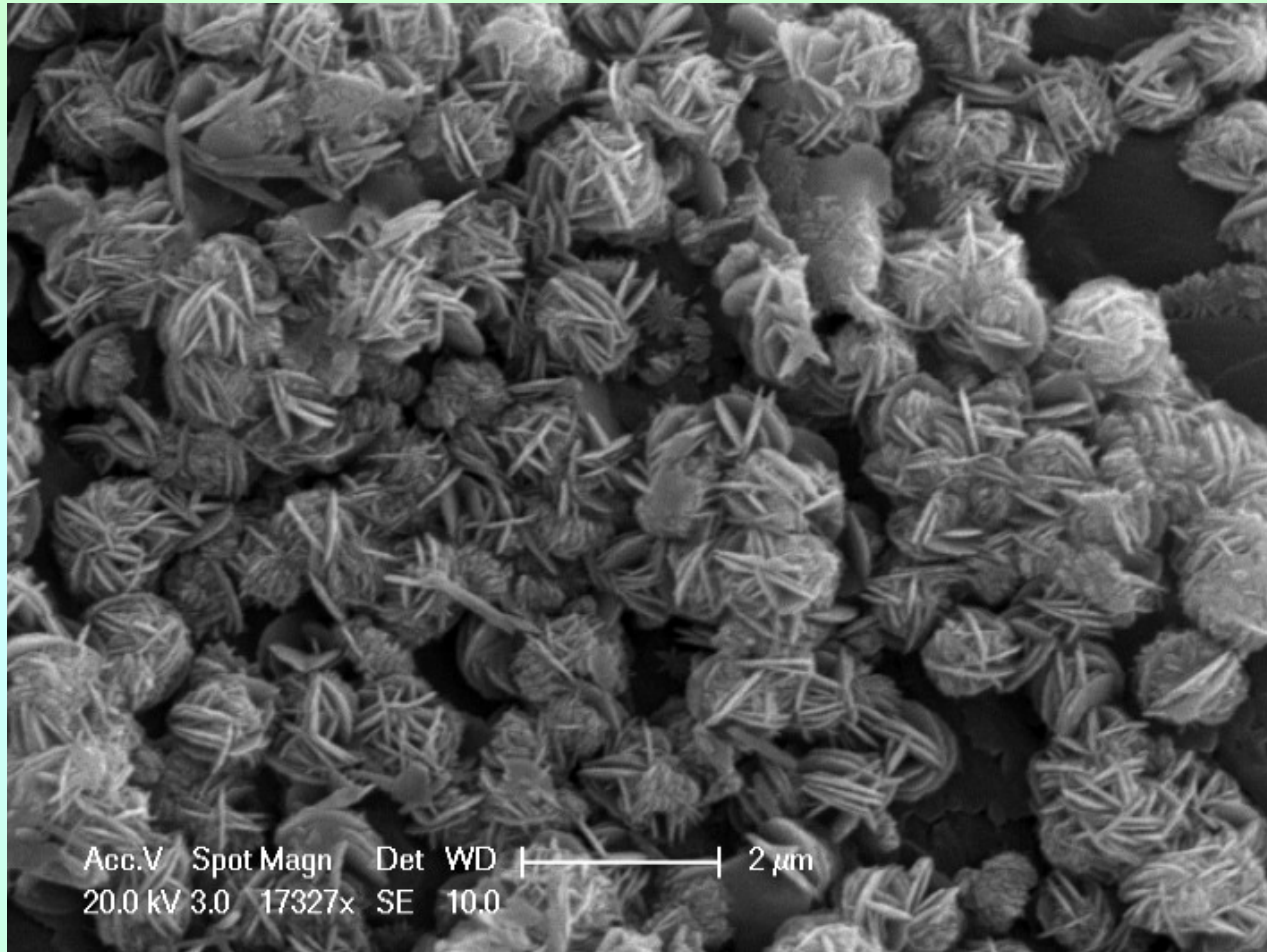


**Glauconite, from interior of green pellet, Wittering Formation, Isle of Wight, England.**

Photo courtesy of M. Roe, Macaulay Inst. Sample 'Gla-4/Wit-15': Macaulay Collection, sample obtained from Jenny Huggett)

<http://www.minersoc.org/pages/gallery/claypix/>

# Hematit - hvězdčicovitý

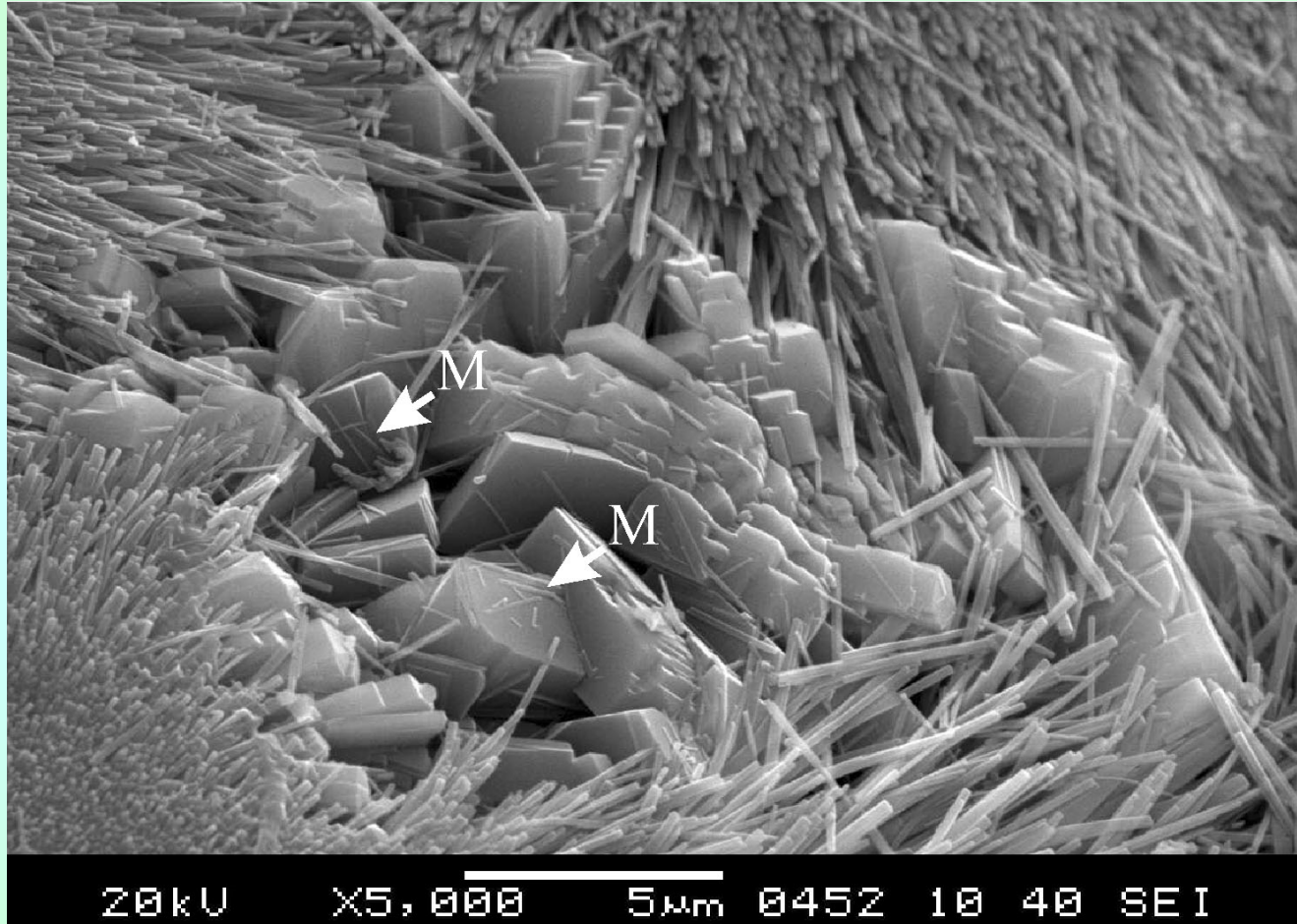


**Weathered rock beneath laterite, Cheras, Kuala Lumpur, Malaysia.**

Photo courtesy of Zainuddin Yusoff, School of Geosciences, The University of Edinburgh, Scotland.

<http://www.minersoc.org/pages/gallery/claypix/>

# Zeolity Mordenit a Klinoptilolit-Heulandite



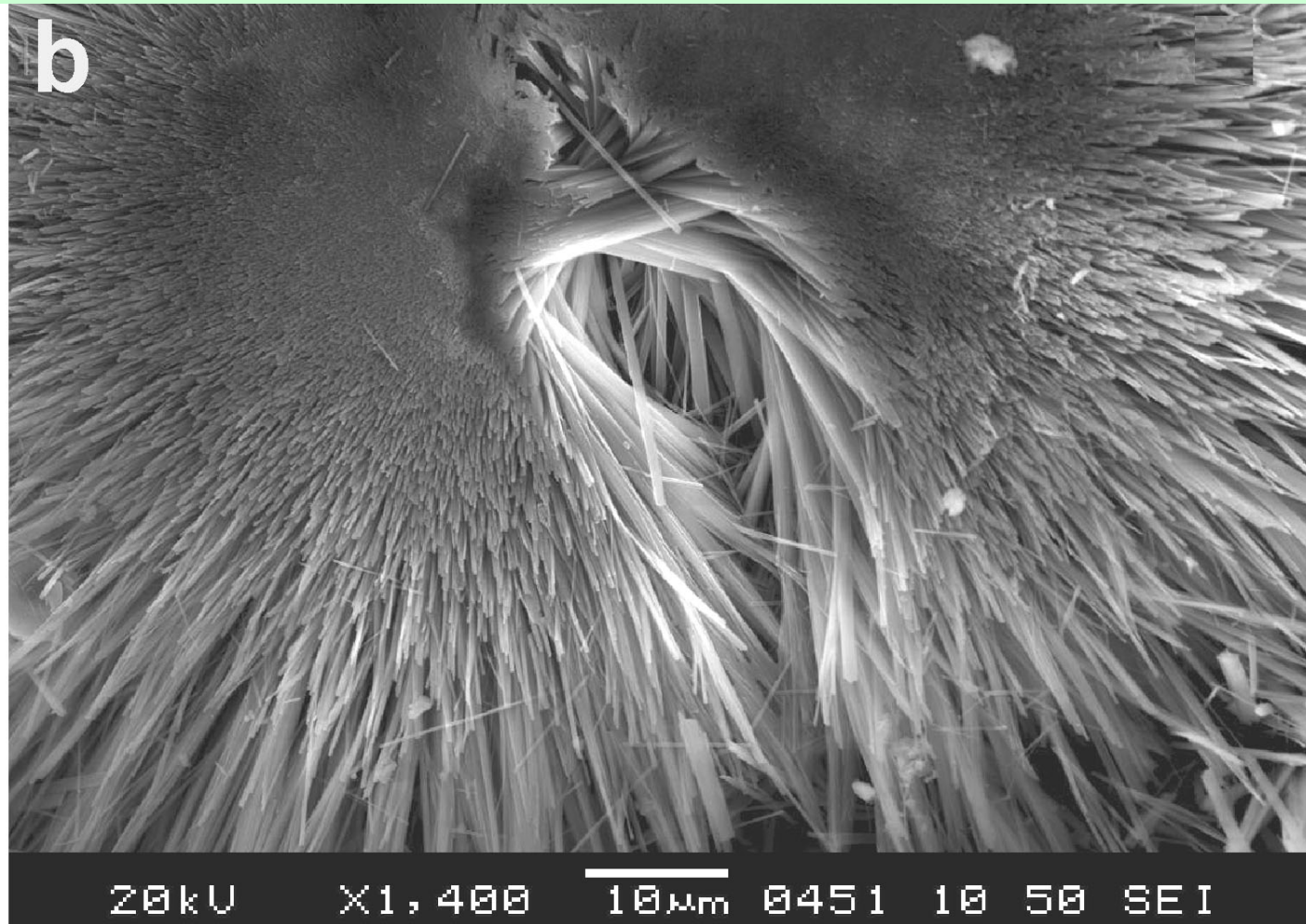
Alaçati (Çesme) tuffs, Izmir, Turkey

Photo courtesy of Hülya Kaçmaz, Dokuz Eylul University, Buca-Izmir/Turkey

<http://www.minersoc.org/pages/gallery/claypix/>



# Mordenit

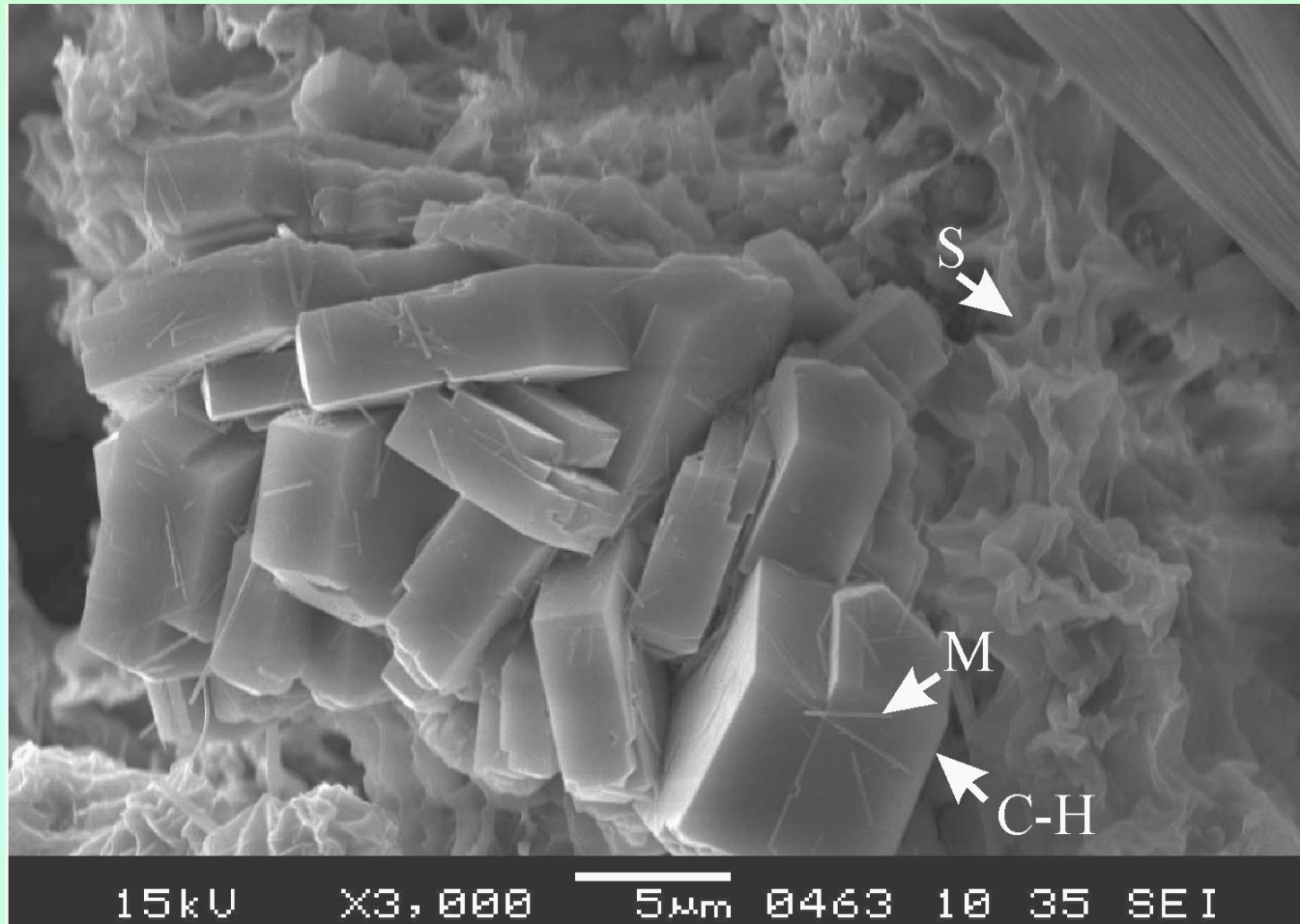


Alaçati (Çesme) tuffs, Izmir, Turkey

Photo courtesy of Hülya Kaçmaz, Dokuz Eylul University, Buca-Izmir/Turkey

<http://www.minersoc.org/pages/gallery/claypix/>

# Mordenit, Clinoptilolit-Heulandit a Smektit v tufu

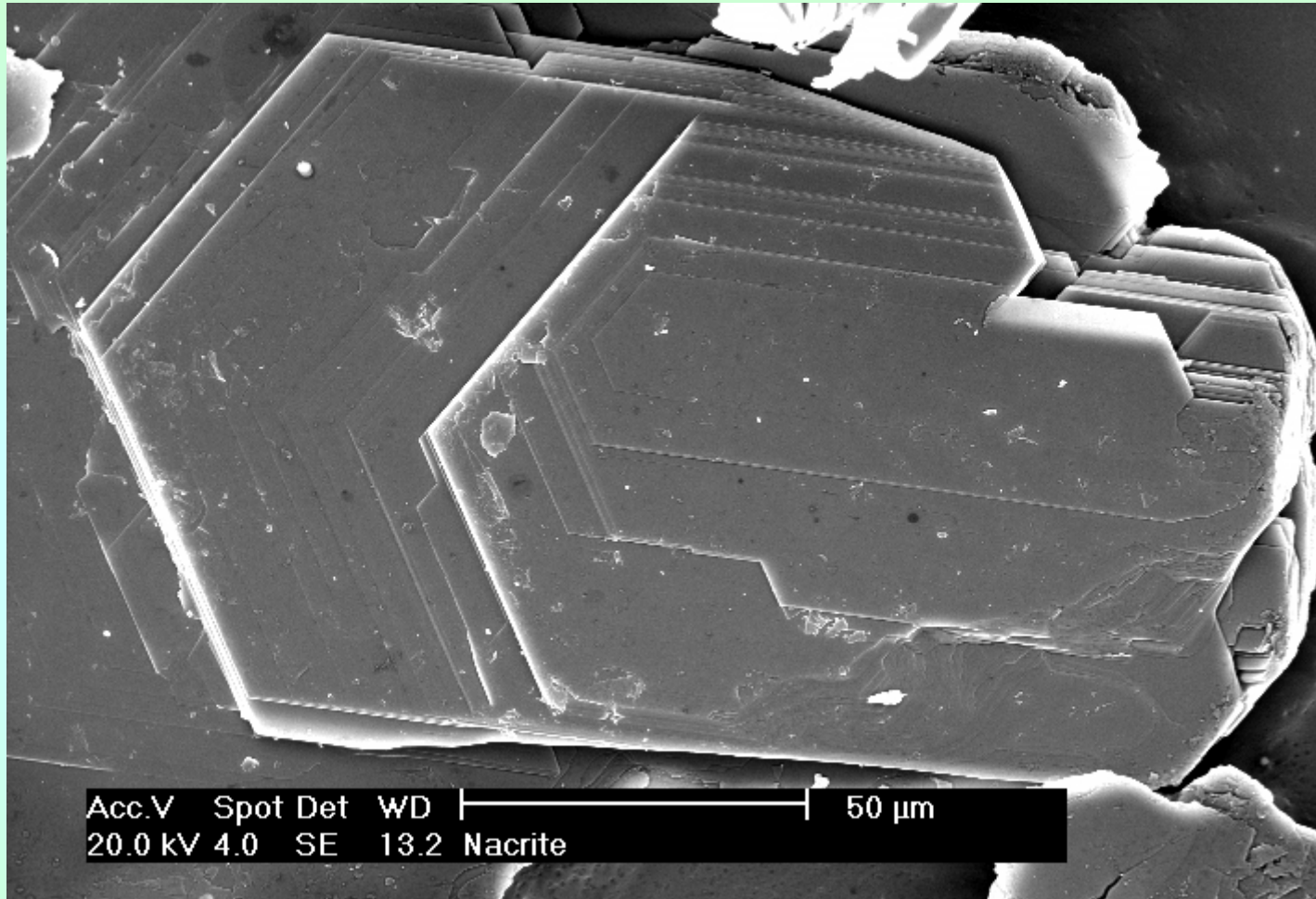


Alaçati (Çesme) tuffs, Izmir, Turkey

Photo courtesy of Hülya Kaçmaz, Dokuz Eylul University, Buca-Izmir/Turkey

<http://www.minersoc.org/pages/gallery/claypix/>

# Nakrit

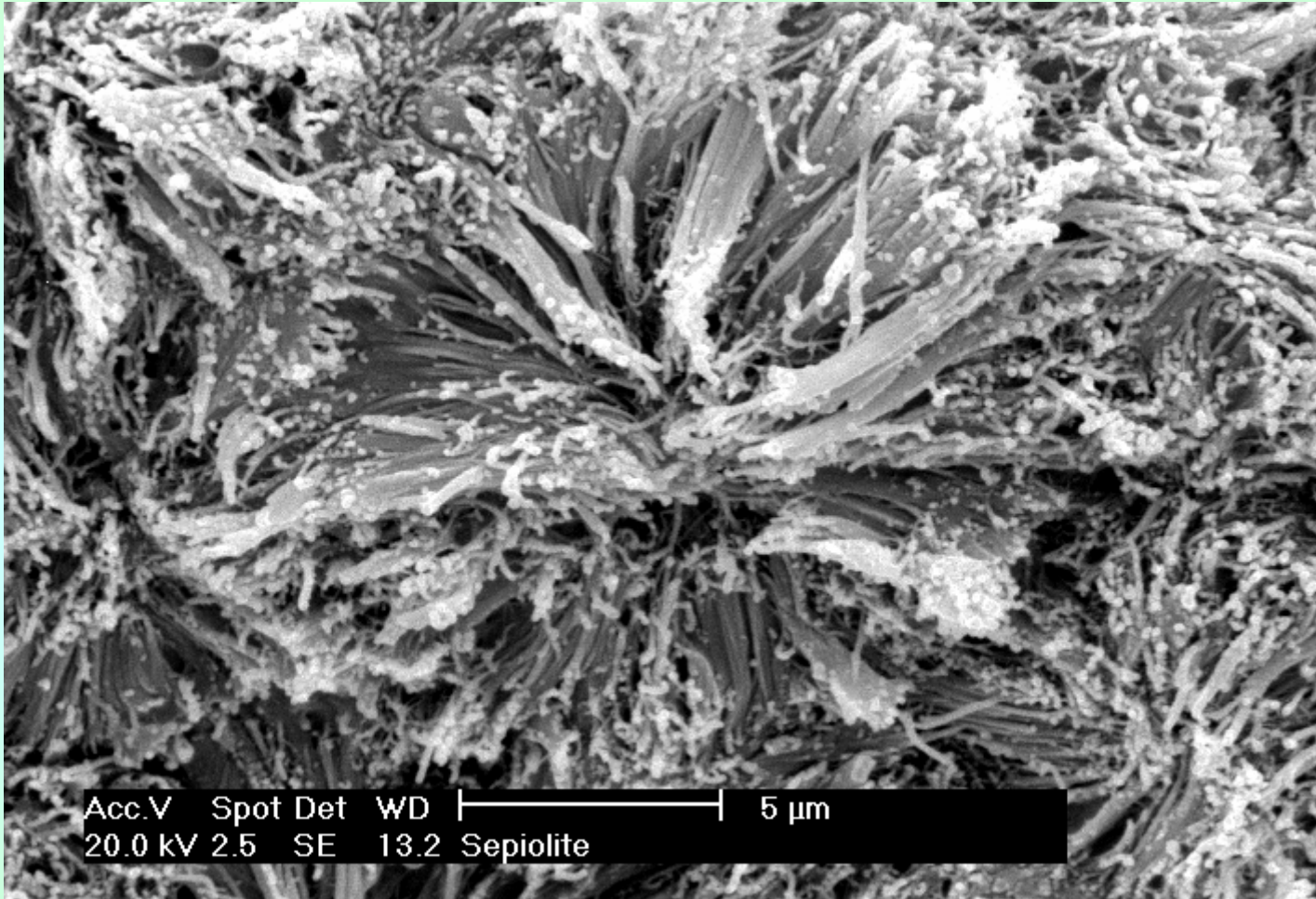


Nacrite, Lodève Basin, France

Photo courtesy of M. Roe, Macaulay Inst. Sample 'Nac-3': Macaulay Collection, sample obtained from Daniel Beaufort

<http://www.minersoc.org/pages/gallery/claypix/>

# Sepiolit

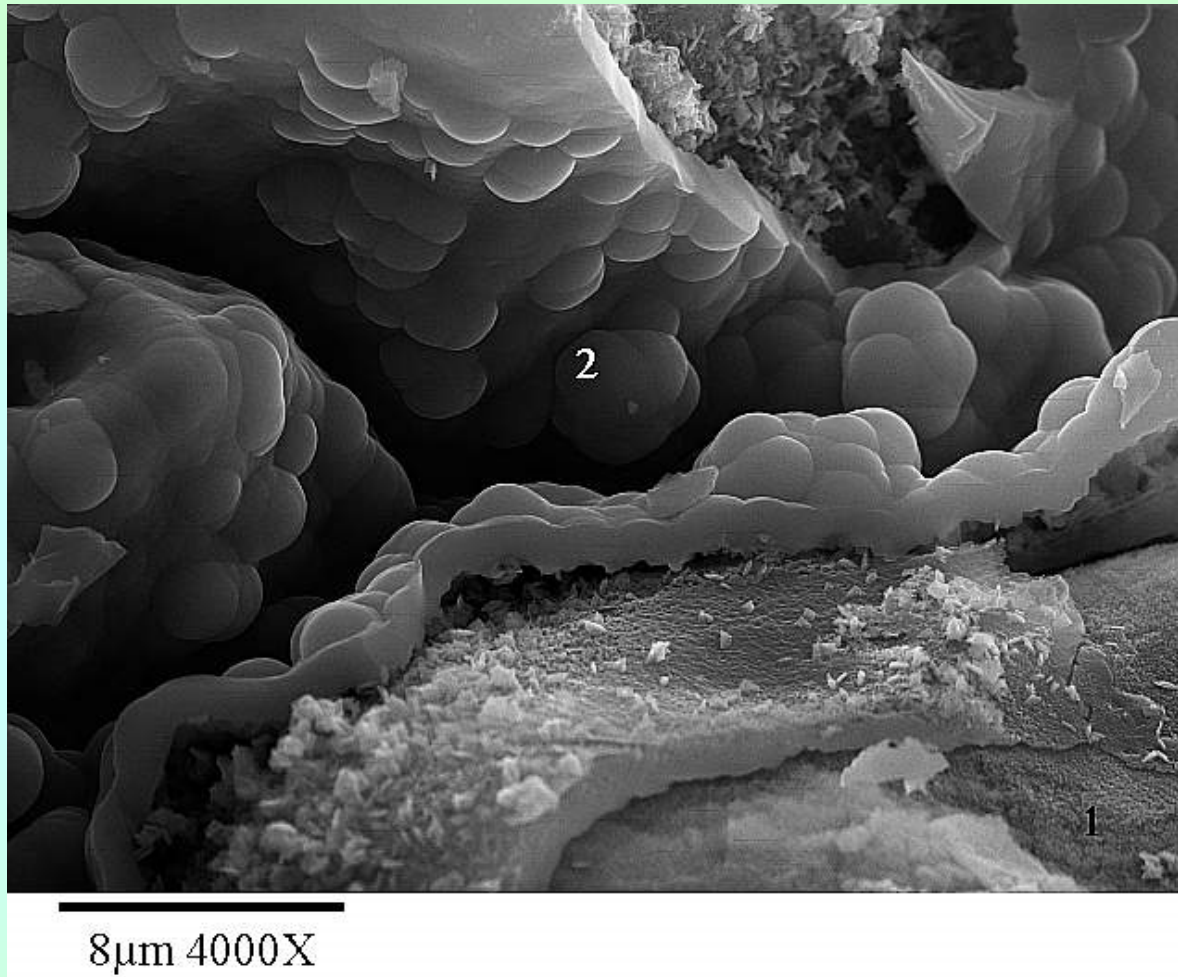


Fibrous sepiolite, Eskisehir, Turkey

Photo courtesy of M. Roe, Macaulay Inst. Sample 'Sep-4': Macaulay Collection

<http://www.minersoc.org/pages/gallery/claypix/>

# Opal - sféroidní opál -A



Opal from the modern hydrothermal system at Copahue volcano,  
northern Patagonia, Argentina

Photo courtesy of Georg Grathoff, Dept. Geology, Portland State University, Portland OR, USA

<http://www.minersoc.org/pages/gallery/claypix/>