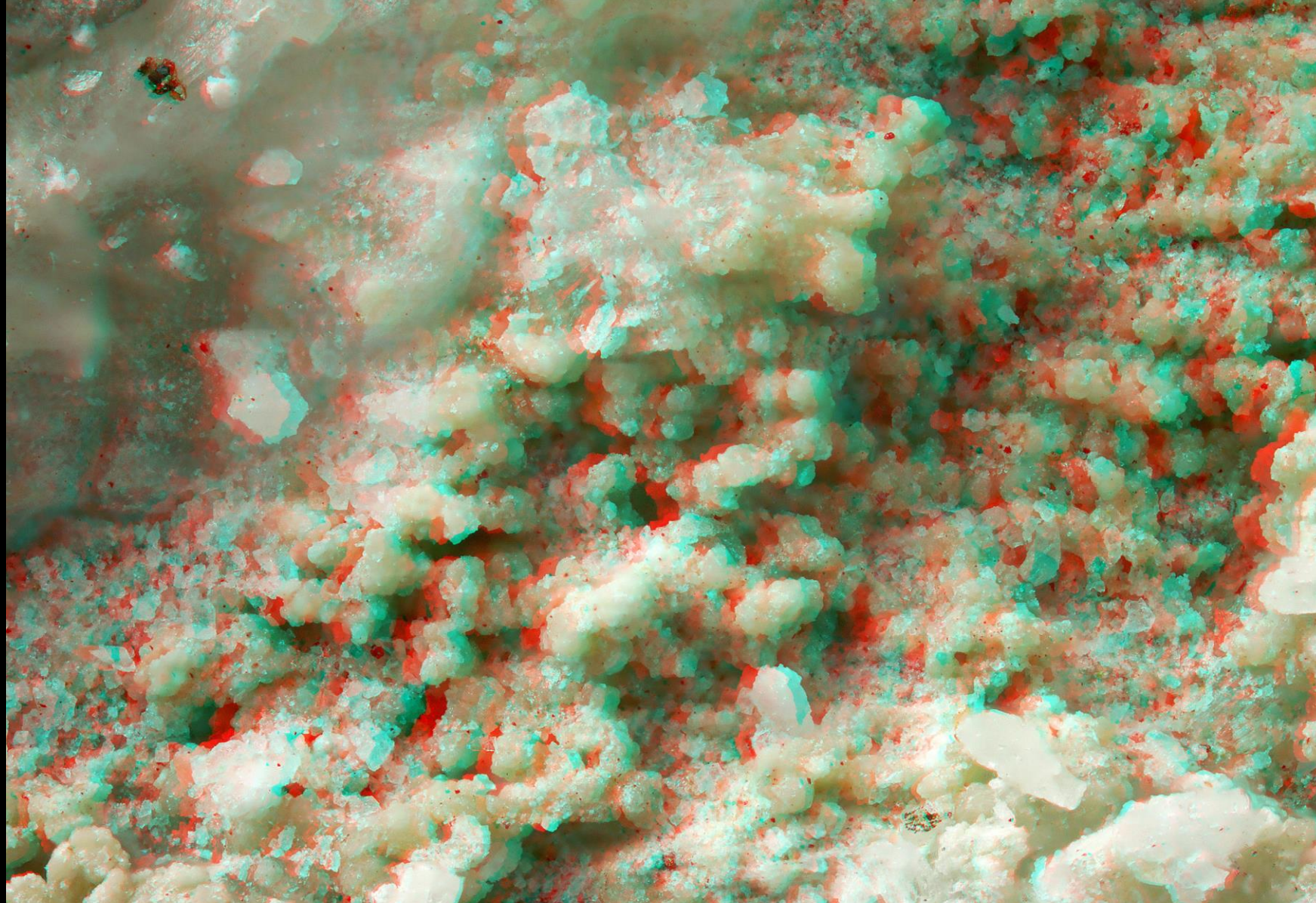


Köttigite from Strontian Mine, Argyll

These photographs relate to an article in Volume 25 of The Journal of The Russell Society. The pink colour of Köttigite is not visible in these anaglyphs when viewed through Red-Cyan spectacles, as it is blocked by the cyan filter.

View through Red-Cyan spectacles with the red filter to the left eye
and from a distance of 40cm (16 inches)



1 mm

Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Field width 3.05 mm.

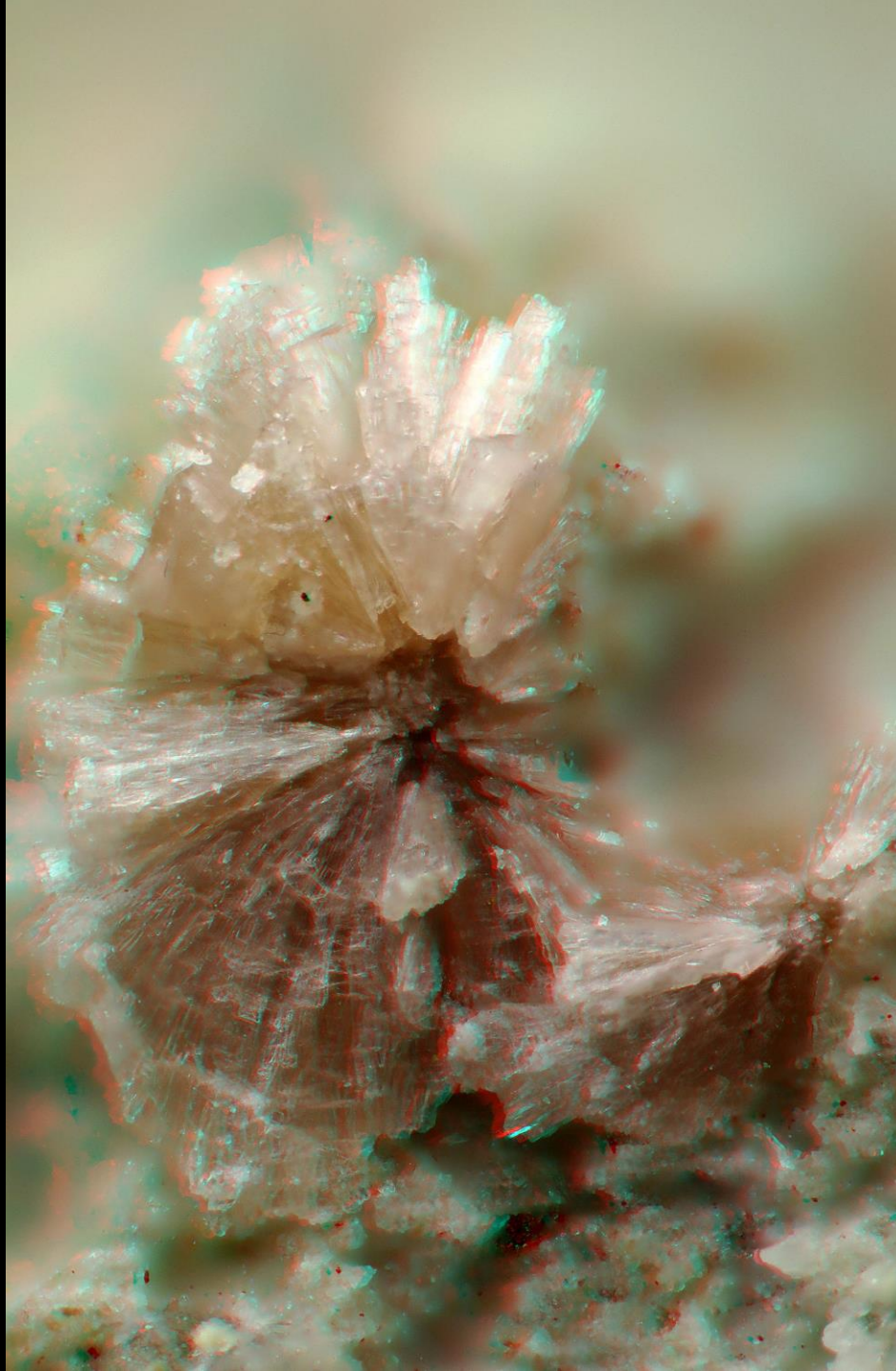
Pink spherulites formed in crack on greenish metabasite whilst not on the calcite at top left.

Strontian Baryte Mine, Strontian, Highland.

Specimen: found by David McCallum and now in David Green collection No. DA18. Photography: John Chapman.

Canon EOS 5DSr camera with Carl Zeiss (West Germany) Luminar 25 mm objective lens on 223 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 92 and 90 15-micrometre steps at 6 degrees via Stackshot rail, with Luminar at fully open aperture, combined in CombineZM.



Köttigite $Zn_3(AsO_4)_2 \cdot 8H_2O$

Pink radiating lath-like crystals in pale green metabasite.

Strontian Barytes Mine, Strontian,
Fort William and Ardnamurchan, Highland.

Specimen: David Green collection, No. STR01.

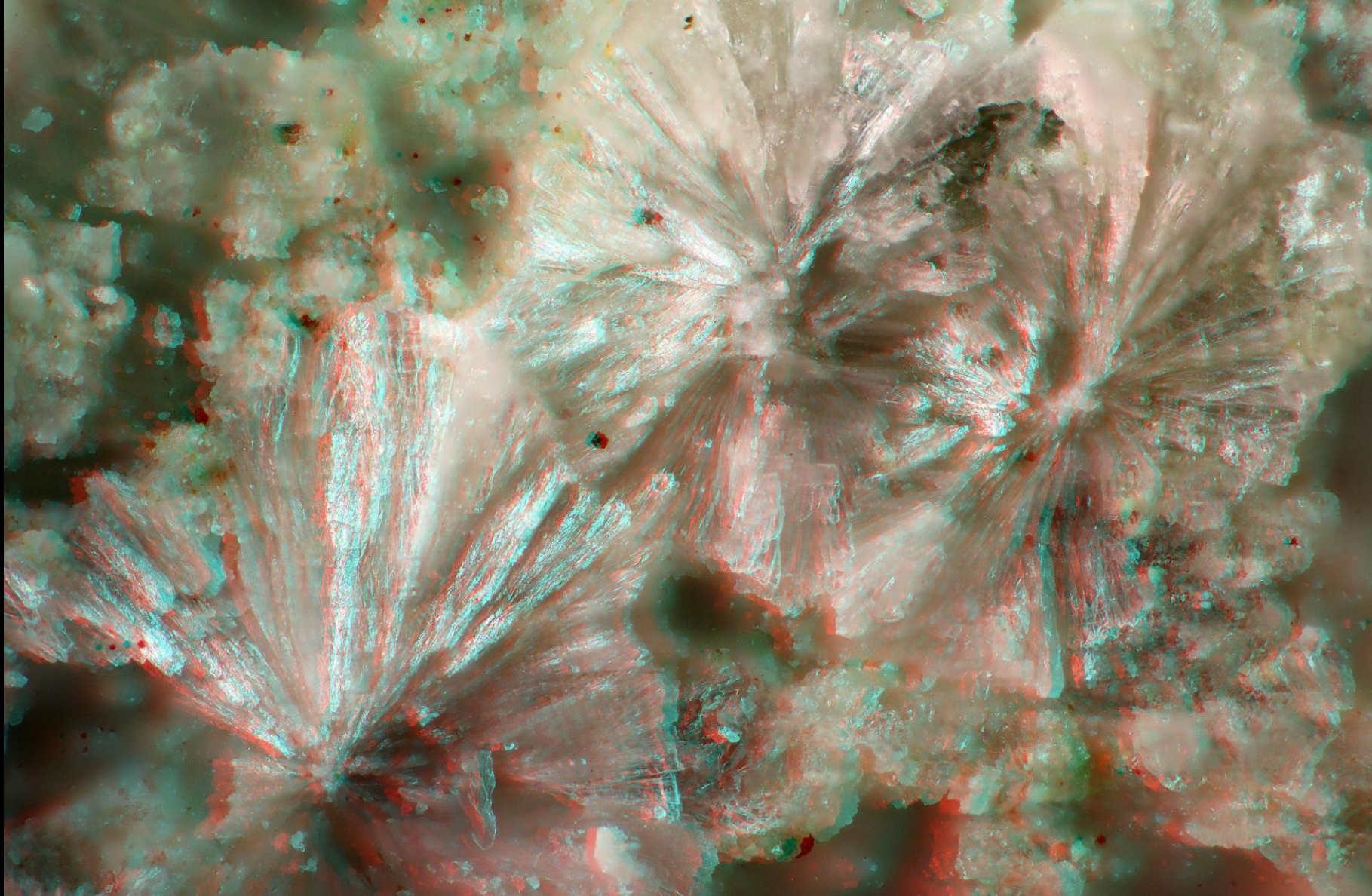
Photography: John Chapman.

Canon EOS 5DSr camera with Leica 140x/0.40 objective lens on 175 mm
bellows extension, with Schott fibre optic illumination.

Left + right stacks of 41 and 37 5-micrometre steps at 6 degrees via Stackshot rail
combined in CombineZM and rendered in Stereophotomaker.

0.1 mm

Field height 1.25 mm



0.1 mm

Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Field height 1.25 mm

Pink radiating lath-like crystals in pale green metabasite.

Strontian Barytes Mine, Strontian, Fort William and Ardnamurchan, Highland.

Specimen: David Green collection, No. STR01. Photography: John Chapman.

Canon EOS 5DSr camera with Leica 140x/0.40 objective lens on 175 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 78 and 615-micrometre steps at 6 degrees via Stackshot rail combined in CombineZM and rendered in Stereophotomaker.



Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Pink drusy surrounding slightly oxidised subhedral pyrite in a thin fracture in pale yellow-green metabasite with calcite and sphalerite.

Strontian Mine (Bells Grove), Strontian. Argyll.

Specimen: found by David McCallum May 2022, now in John Chapman collection.

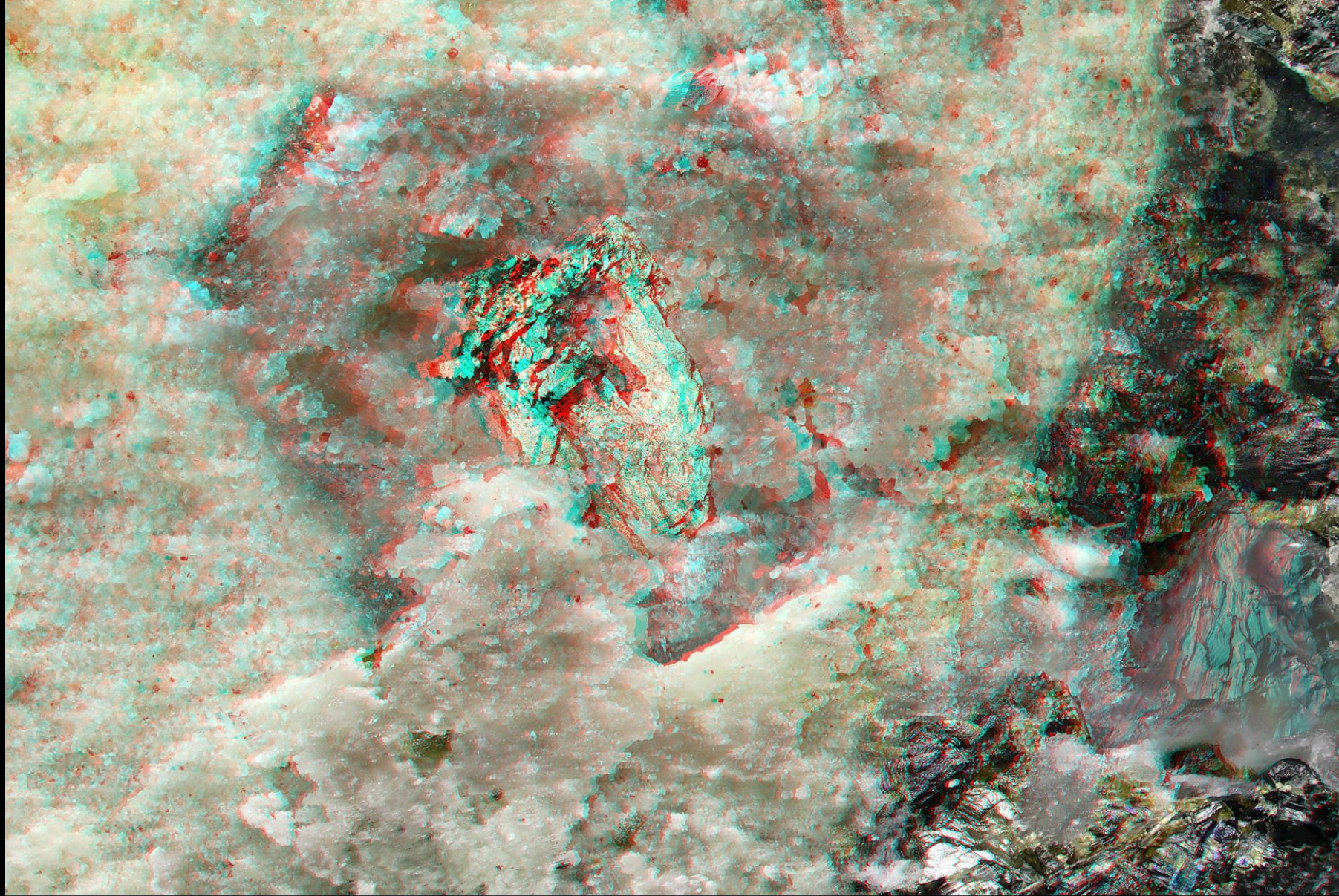
Photography: John Chapman.

Canon EOS 5DSr camera with Leica 140x/0.40 objective lens on 175 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 84 and 115 4-micrometre steps at 6 degrees via Stackshot rail, combined in CombineZM.

0.1 mm

Field height 1.12 mm.



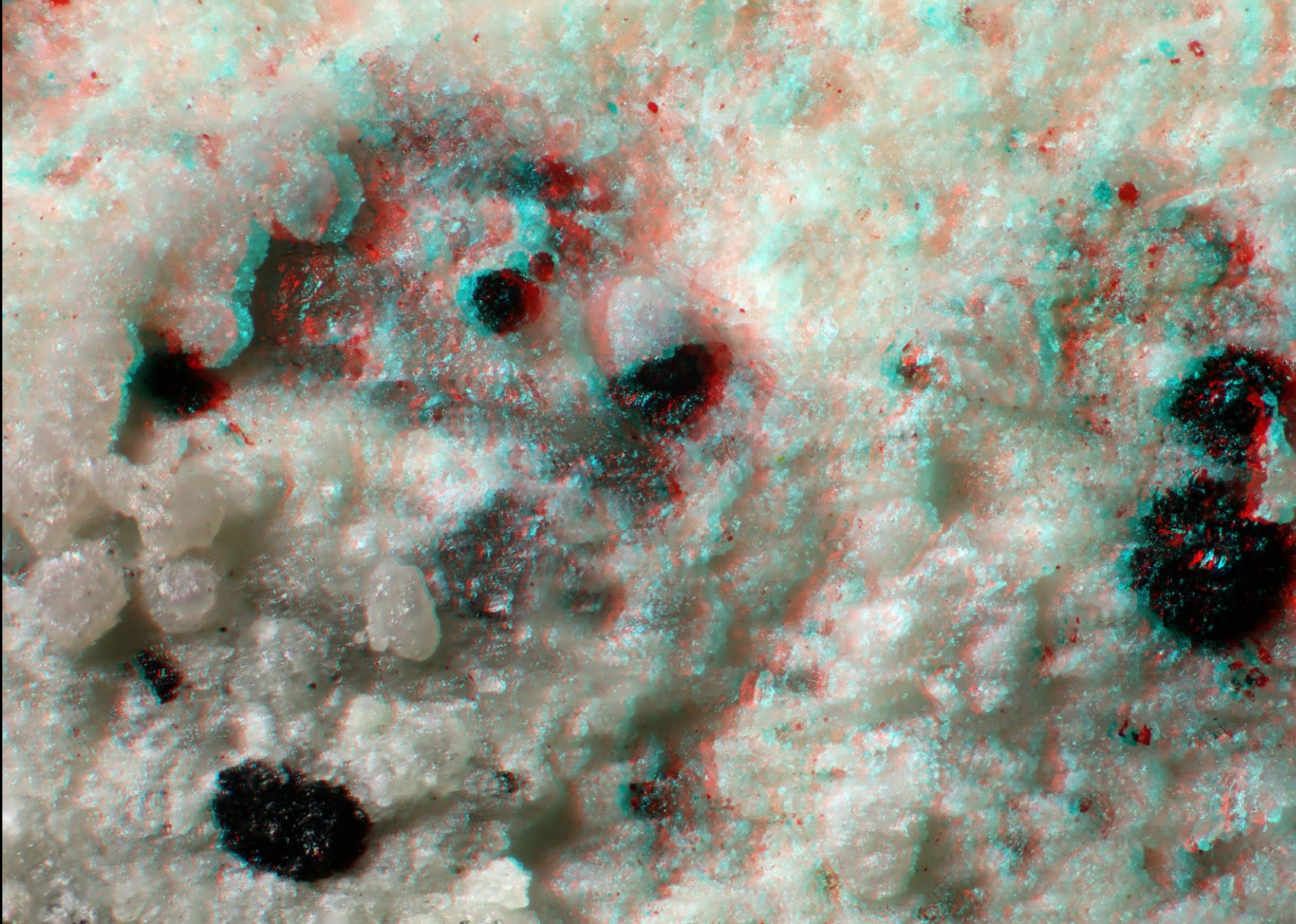
1 mm

Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Field width 3.52 mm.

Pink drusy surrounding slightly oxidised subhedral pyrite in a thin fracture in pale yellow-green metabasite with calcite and sphalerite. Strontian Mine (Bells Grove), Strontian, Argyll.

Specimen: found by David McCallum May 2022, now in John Chapman collection. Photography: John Chapman.
Canon EOS 5DSr camera with Carl Zeiss (West Germany) Luminar 25 mm objective lens on 175 mm bellows extension, with Schott fibre optic illumination.
Left + right stacks of 58 and 77 20-micrometre steps at 6 degrees via Stackshot rail, with Luminar at fully open aperture, combined in CombineZM.



0.1 mm

Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Field width 1.16 mm.

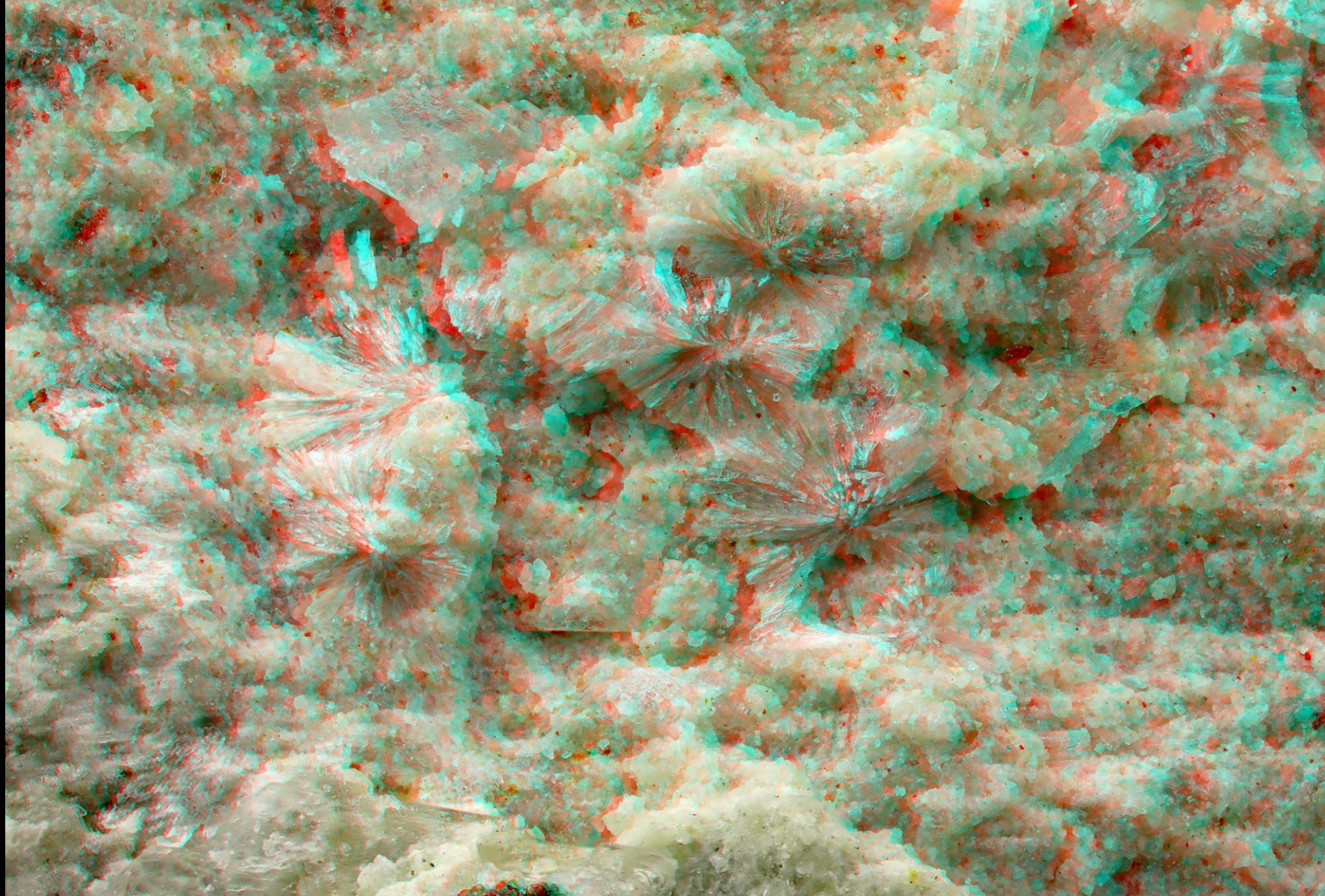
Pale pink spherulites with an unidentified black manganese oxide in a fracture in pale grey-green metabasite.

Strontian Mine (Bellsgrove), Strontian, Argyll.

Specimen: found by David McCallum May 2022, now in John Chapman collection. Photography: John Chapman.

Canon EOS 5DSr camera with Leica 140x/0.40 objective lens on 175 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 123 and 124 4-micrometre steps at 6 degrees via Stackshot rail, combined in CombineZM and rendered in Stereophotomaker.



1 mm

Köttigite $\text{Zn}_3(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$

Field width 3.65 mm

Pink radiating lath-like crystals in pale green metabasite.

Strontian Barytes Mine, Strontian, Fort William and Ardnamurchan, Highland.

Specimen: David Green collection, No. STR01. Photography: John Chapman.

Canon EOS 5DSr camera with Carl Zeiss (West Germany) Luminar 25 mm objective lens on 175 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 89 and 77 20-micrometre steps at 6 degrees via Stackshot rail, with Luminar at fully open aperture, combined in CombineZM.