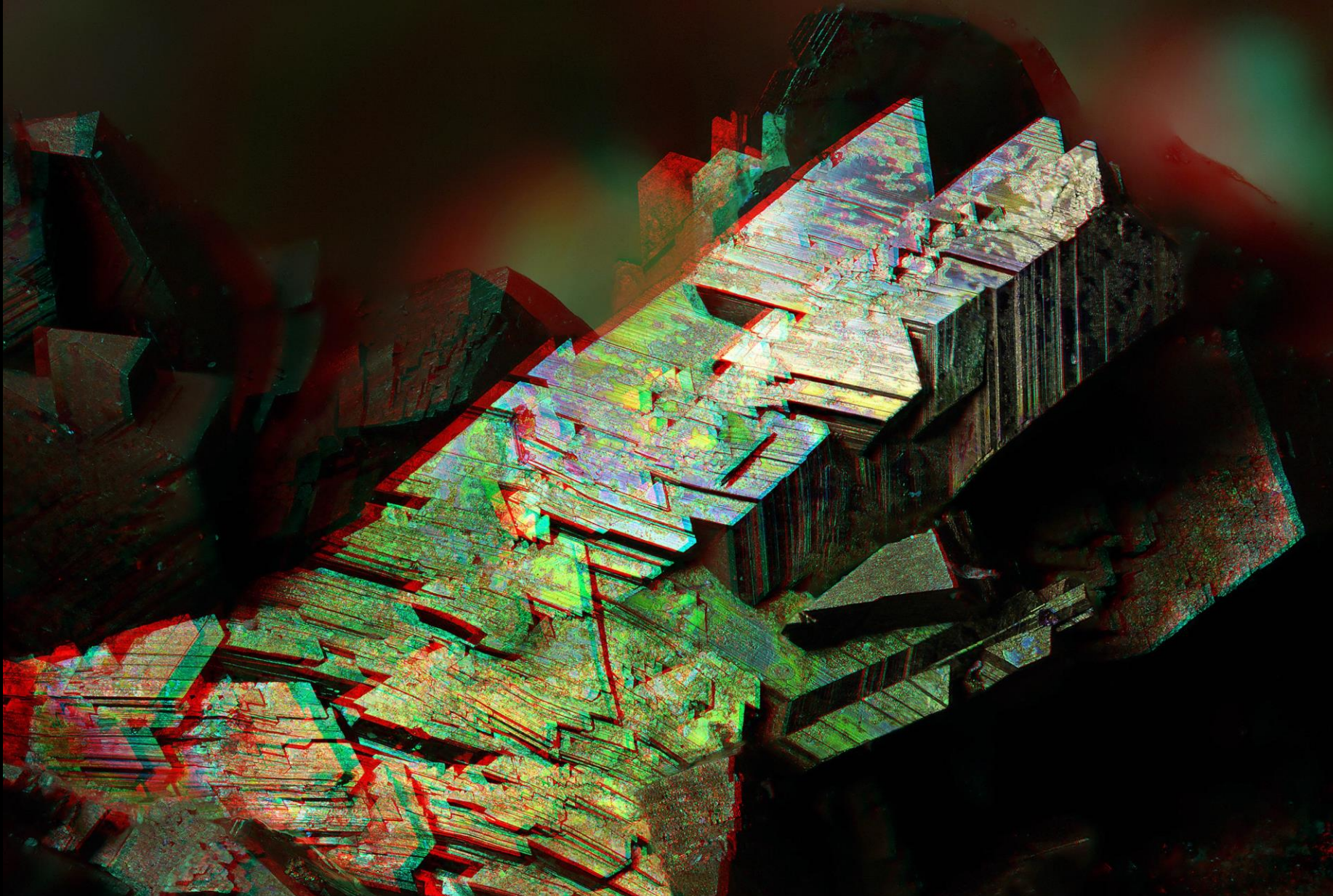


# 3D images of the specimens featured in the Editorial of JRS 25

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



1 mm

Marcasite FeS<sub>2</sub>

Field width 3.71 mm.

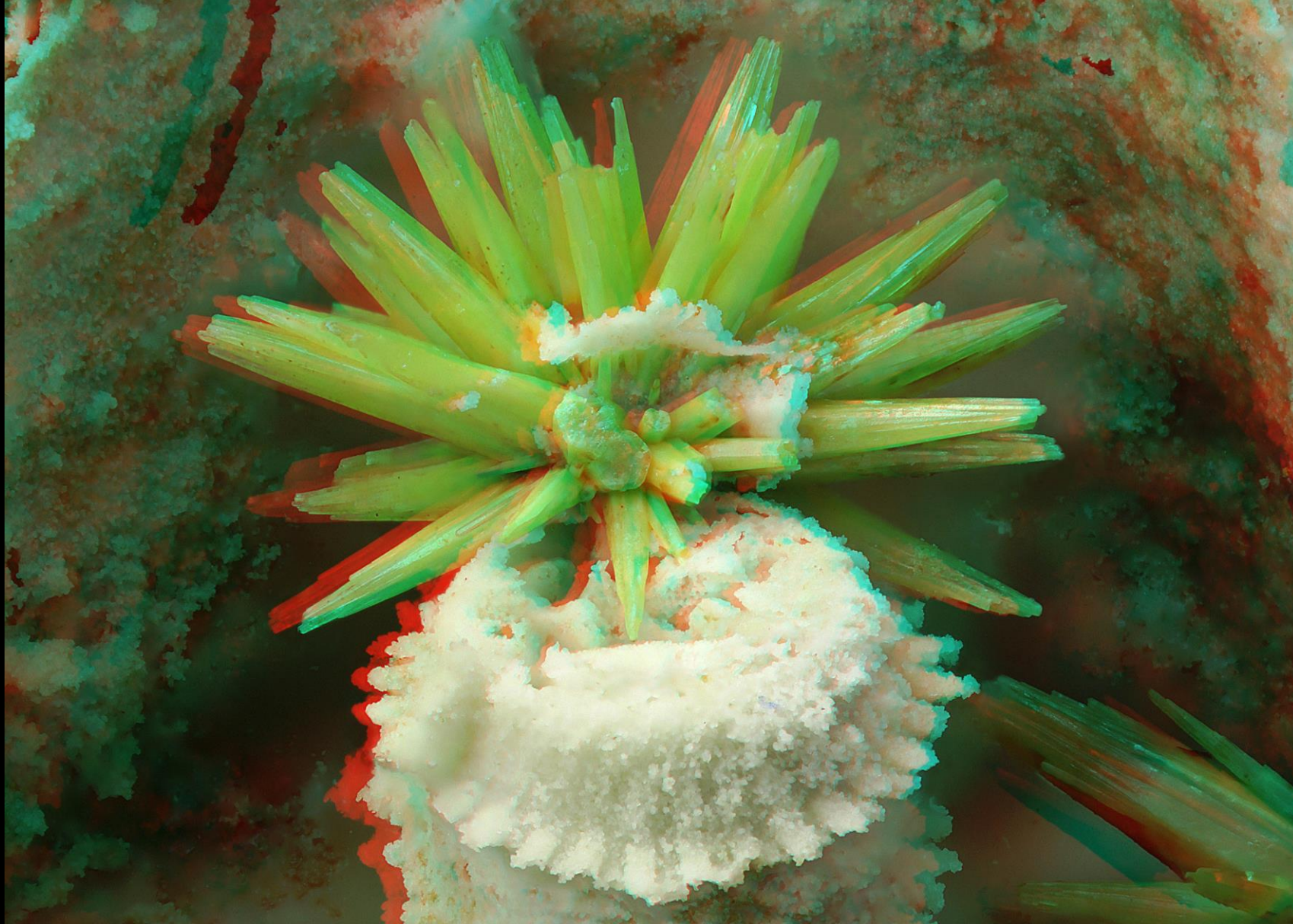
Radiating cockscomb crystal groups. Temple Mead Opencast, Temple Newsam, Leeds, West Yorkshire.

Specimen: originally Floyd collection No. F736, now in Peter Briscoe 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 81 and 88 20-micrometre steps at 6 degrees via Stackshot rail, with Luminar at fully open aperture, combined in CombineZM.





1 mm

**Pyromorphite**  $\text{Pb}_5(\text{PO}_4)_3\text{Cl}$

Field width 5.26 mm.

Radiating tapering prismatic crystals in a void left by a crinoid columnal in silicified Crow Limestone.

Hungry Hushes NY 98665 02889, Arkengarthdale, North Yorkshire.

Specimen: David McCallum collection. Photography: John Chapman.

Canon EOS 5DSr camera with Carl Zeiss (West Germany) Luminar 40 mm objective lens on 130 mm bellows extension, with Schott fibre optic illumination.  
Left + middle stacks of 156 and 148 30-micrometre steps at 4 degrees via Stackshot rail, with Luminar at fully open aperture, combined in CombineZM.





## Pyromorphite $Pb_5(PO_4)_3Cl$

Radiating tapering prismatic crystals in a void left by  
a crinoid columnal in silicified Crow Limestone.

Hungry Hushes NY 98665 02889, Arkengarthdale,  
North Yorkshire.

Specimen: David McCallum collection.

Photography: John Chapman.

Canon EOS 5DSr camera with Carl Zeiss Luminar 40 mm objective lens  
on 130 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 156 and 156 30-micrometre steps at 6 degrees via Stackshot rail,  
with Luminar at fully open aperture, combined in CombineZM.

1 mm

Field height 8.6 mm.

## Witherite $\text{Ba}(\text{CO}_3)$

Unaltered lustrous colourless transparent  
pseudo-hexagonal pyramids with short prisms.

Anglezarke area SD 630 164, near Chorley, Lancashire.

Specimen: Harry Critchley collection. Photography: John Chapman.

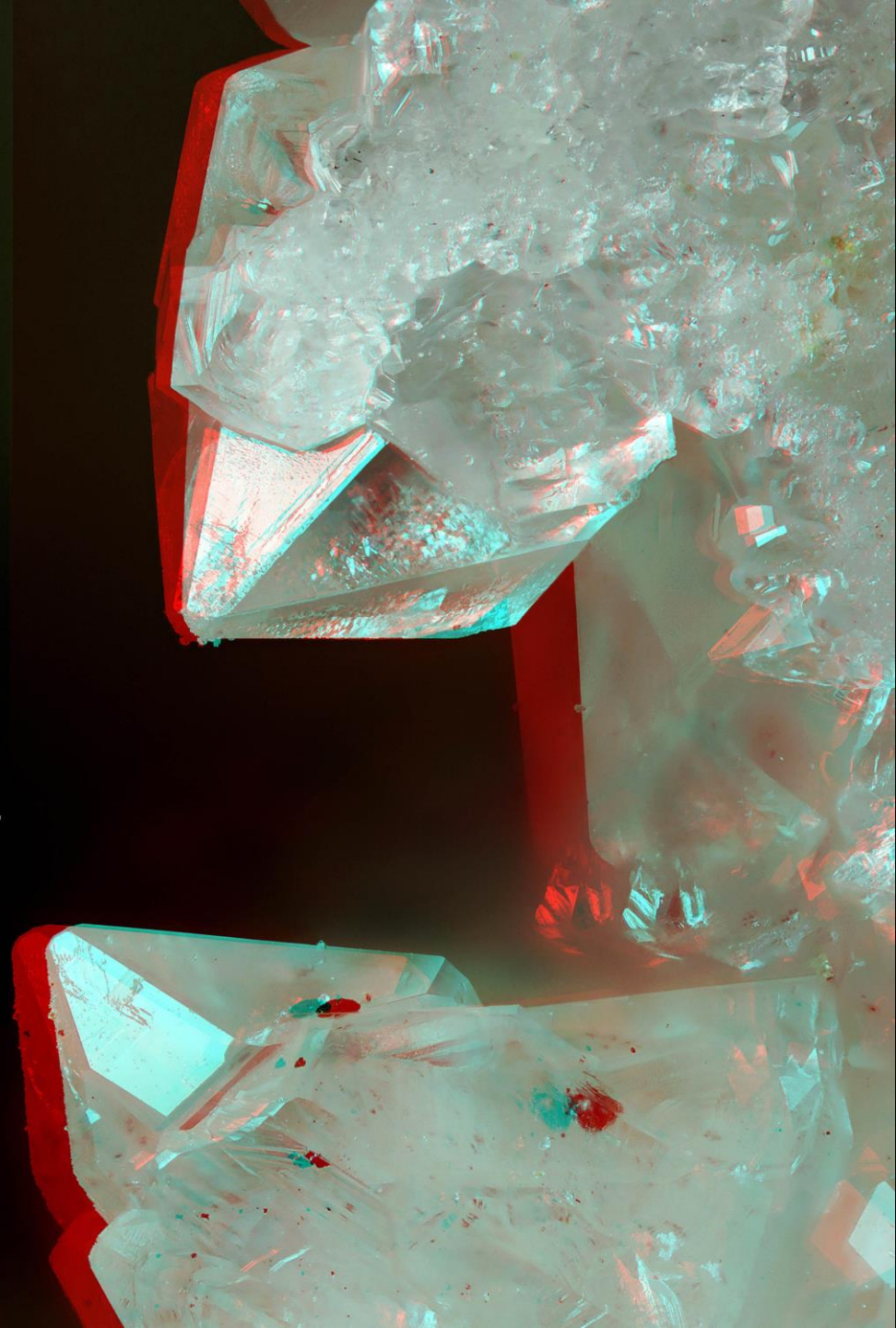
Canon EOS 5DSr camera with Carl Zeiss Luminar 25 mm objective lens on  
175mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 111 and 108 20-micrometre steps at 6 degrees via Stackshot rail,  
with Luminar at fully open aperture, combined in CombineZM.

1 mm

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Field height 2.68 mm.







## Marcasite $\text{FeS}_2$

Radiating cockscomb crystal groups.

Temple Mead Opencast colliery, Temple Newsam,  
Leeds, West Yorkshire.

Specimen: originally Floyd collection, No. F736, now in  
Peter Briscoe collection.

Photography: John Chapman.

Canon EOS 5DSr camera with Carl Zeiss (West Germany) Luminar 63 mm objective lens  
on 130 mm bellows extension, with Schott fibre optic illumination.

Left + right stacks of 84 and 83 100-micrometre steps at 6 degrees via Stackshot rail,  
with Luminar at aperture 1.75, combined in CombineZM and rendered in Stereophotomaker.

1 mm

Field height 10.92 mm.