

Manchester Microscopical & Natural History Society

Established 1880

www.manchestermicroscopical.org.uk



Anatomy & Macroscopy/Microscopy of a Sock



Mike Mahon, February 23rd 2023

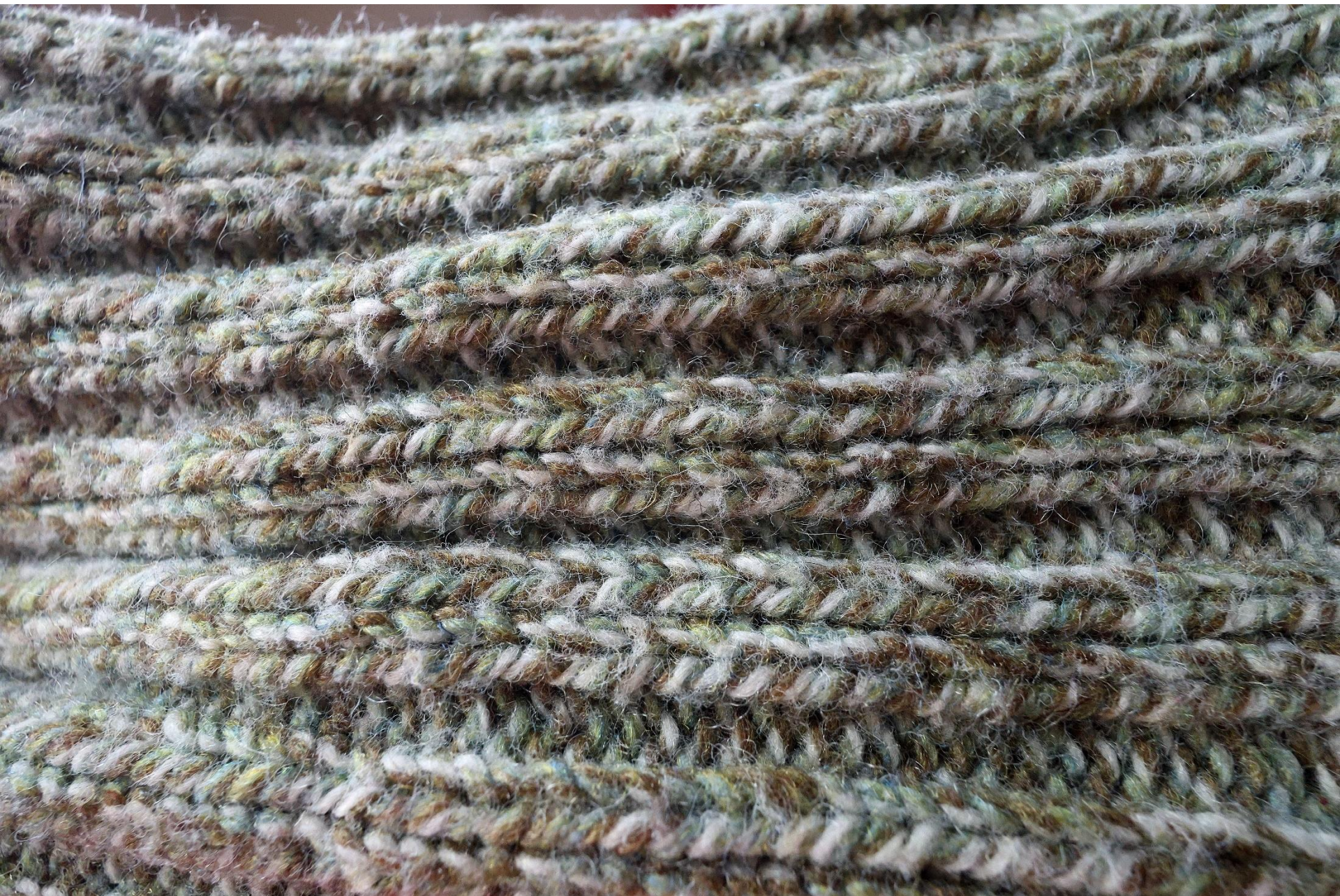


Wide-Angle 16mm Canon lens



Standard 50mm camera lens

10mm



16mm camera lens – close up

10mm



100mm Macro lens ..f8

10mm





100mm Macro lens ..f11

10mm



100mm Macro lens focus bracketed (12) 50%

10mm



100mm Macro lens focus bracketed (12) 100%

1mm





100mm Macro lens focus bracketed x1.4

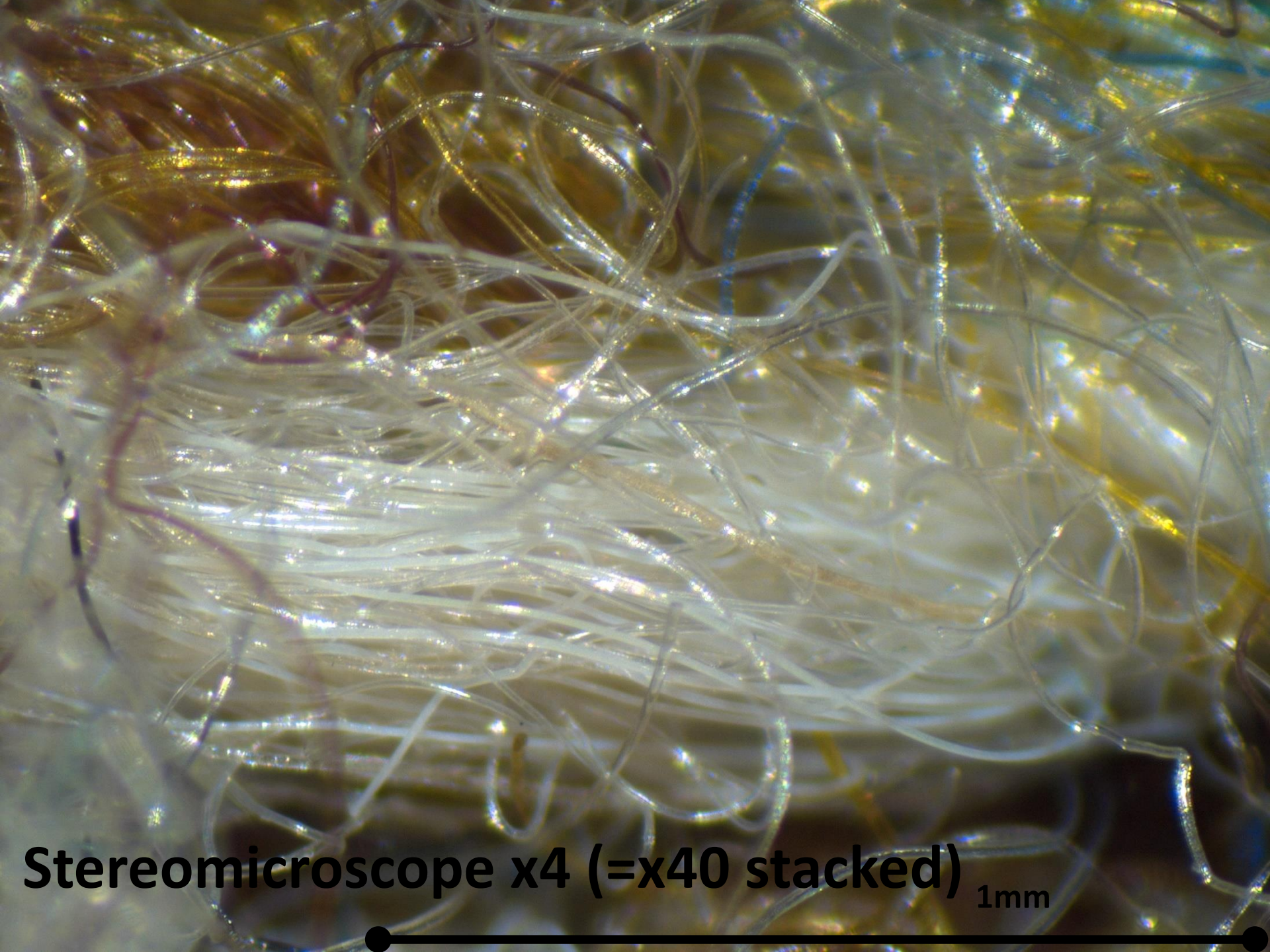
1mm



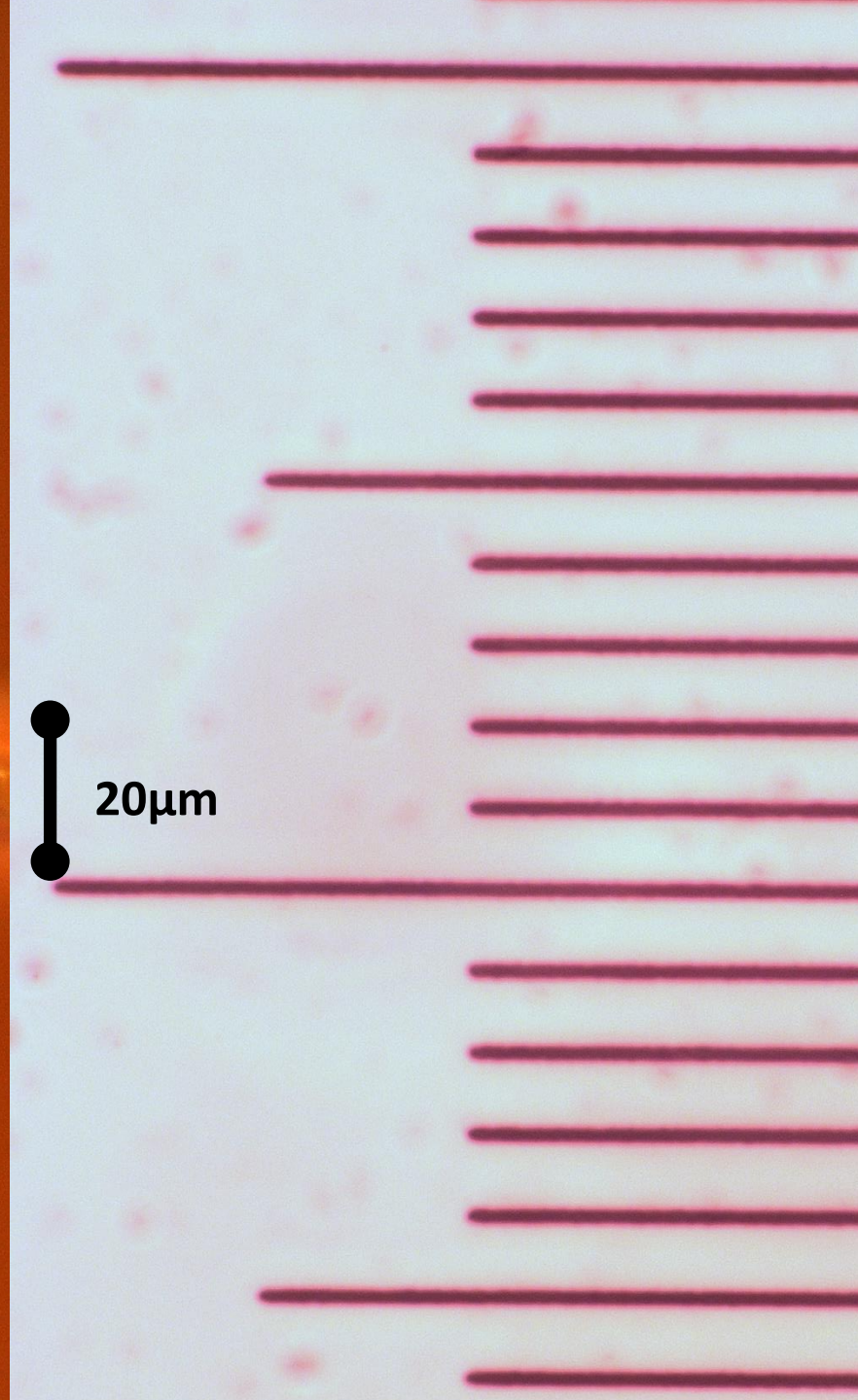
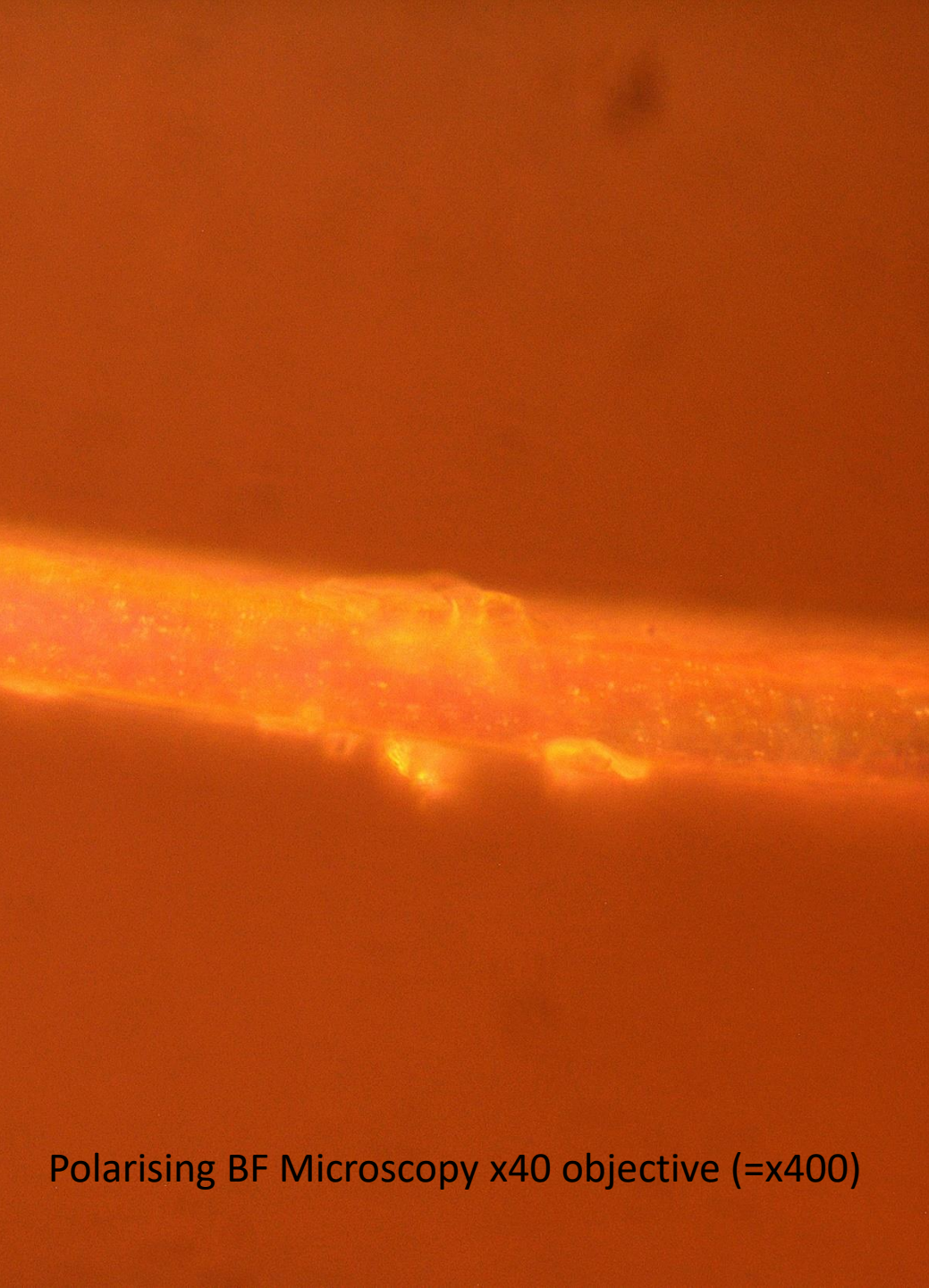


Stereomicroscope x1 (=x10)

10mm



Stereomicroscope x4 (=x40 stacked) 1mm



Polarising BF Microscopy x40 objective (=x400)



50mm



100mm Macro



100mm macro ... f4.5



100mm macro ..f4.5 focus bracketed (50)



As above ...



Autofocus



Manual focus



100mm Macro

£20 note



100mm Macro 100%

£20 note

- **Think !**

- Life Size
- Macro
- Stereo Micro
- Compound Micro
- Stacked / Focus bracketing?
- Manual /Auto Focus ?
- + Add a scalebar !