

U3AC Photography Forum
31st May 2019

Alternative Photography

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With Nick Kerry & Andrew Milbourn

Aim of Session

Looking at alternatives to the conventional use of digital cameras

- Film
- Non-digital lenses
- Infrared
- Pinhole Photography
- Lens Ball
- Non-camera techniques



Experiment, play, have fun

Film 1

‘The distinct grainy appearance they produce gives images more personality than the clean, sharp ones from digital cameras.’

The unexpected and deferred gratification



Film 2 - Cameras

- Reuse your own
- Buy second hand
- Holga
- Single use



- Campkins, Photographers' Gallery, charity shops, on-line

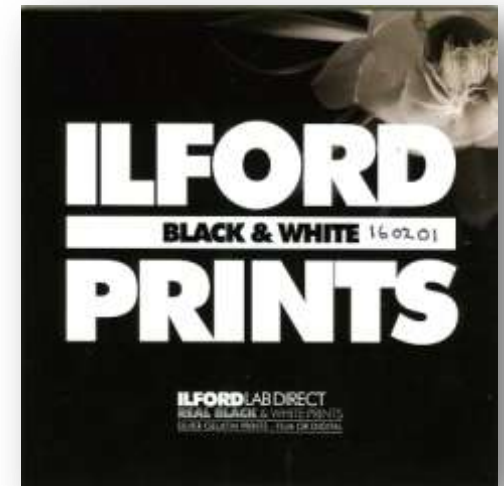
Film 3 - Film

- 35mm, 120, 127, Minnox spy, sheet
- Colour B&W
- Infrared, reversal
- Ilford, Kodak, Fuji, Forma, Agfa, Rollei, Kentmere, Adox
- Boots, Jessops, Campkins, Ilford Photo, Silverprint, Amazon



Film 4 – Process and Print

- Do your own!
- Locally - Boots, Campkin, Jessops
- Ilford
<https://www.harmanlab.com/>
- Kodak BW400CN and Ilford XP2 – B&W C41 processing
- Digital scans – Ilford 2mp and 12mp, Boots c.0.8mp



Film 5 - Olympus Trip



Film 6 – Double Exposures



Film 7 – Outdated Film 1

- Alasdair's experiments



Jessops 100



Jessops 100



Fuji Superia 200



Fuji Superia
200

Film 7 – Outdated Film 2



Fuji Superia 200

Kodak Colour Plus 200

Film - Instant

Fun and instant pictures for the album or diary or to give away

- **Fuji Instax**
- **Kodak Printomatic**
- **Leica Sofort**
- **Lomo'Instant**
- **Polaroid**

- **Mini and square formats**



Infrared 1

- Shows non-visible infrared light
- Vegetation tends to reflect more so abstract/ethereal look.



Infrared 2

Capturing – 1. Infrared filter (digital)

- Plastic sheet filter £20, if you have the frame
- About 2 min exposure on tripod
- Light will leak unless add Bluetack around edges of filter, but has Holga effect.
- Focus is a bit different as wavelength different, trial and error.



Infrared 3

Capturing – 2. Remove infrared filter from camera and add visible light filter

- Professional conversion about £200
- DIY using youtube videos
- Advantage: use normal exposure times so portraits possible.
- Means sacrificing an old camera



From internet

Infrared 4

Capturing – 3. Infrared film

- e.g. Kodak Aerochrome Infrared Film
- Probably tricky given the trial and error required.



From internet

Infrared 5

Translation

- Infrared is not a “true” colour
- So can translate to different colours or black and white.



Infrared 6

Translation in Photoshop (Roughly)

- **Autolevels**
- **Swap red and blue channels – e.g. channel mixer Red 100% blue**
- **Adjust hue and saturation**
- **Possibly soft glow filter**
- **Possibly replace colours with alternative**

Infrared 7

Graveyard Praia da Luz



Infrared 8

Green Dragon



Pinhole Photography - 1

A simple camera without a lens – camera obscura principle

- **Infinite depth of field**
- **Long exposure times**
- **Special features**
 - **double images using multiple pinholes**
 - **cylindrical perspective by curving film plane.**



**Film canister
pinhole camera**



Maine, USA, pinhole camera

Pinhole Photography 2 (BH)



Cardboard box & photo paper



Zero Image camera & film



Thingyfy pinhole & Nikon D80

Pinhole Photography 3 (AH-W)



**Body-cap 4mm hole through centre,
bit of milk-bottle top glued in,
pinhole made with pin**



Pinhole Photography 4



Kenneth Leishman



Stephan Killen

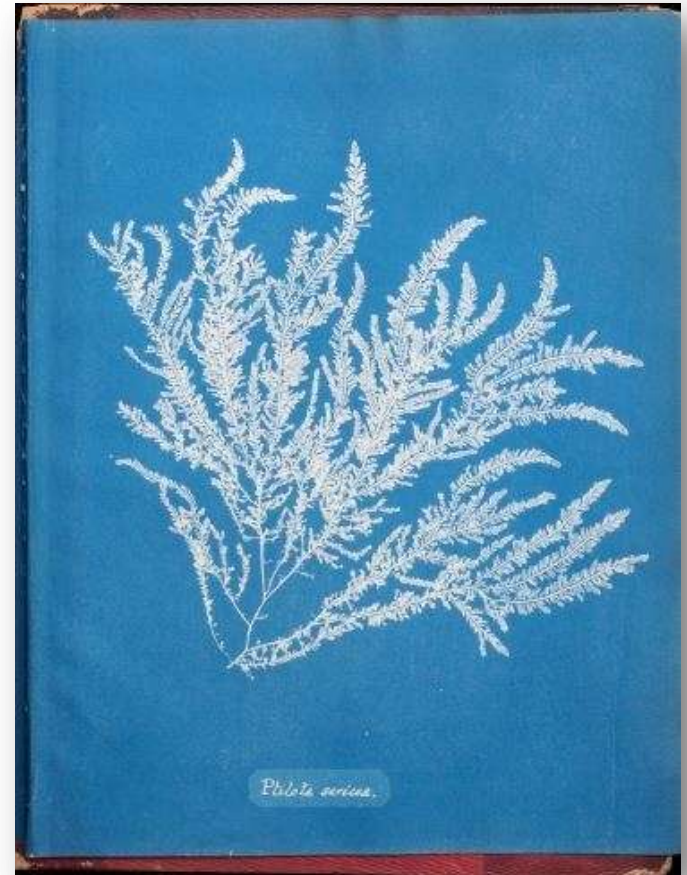
The Lens Ball



No Camera – Cyanotypes 1

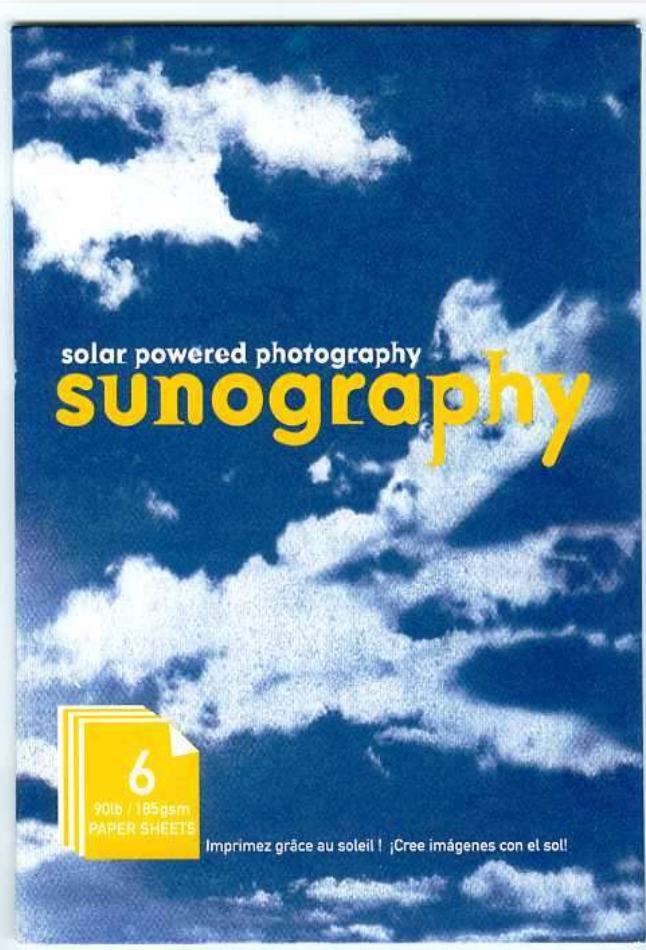
Cyanotype:
photographic printing
process that produces
a cyan-blue print;
uses ferric ammonium
citrate and potassium
ferricyanide.

No darkroom needed



**Anna Atkins – Photographs of
British Algae 1843-53**

No Camera – Cyanotypes 2



No Camera – Cyanotypes 3



No Camera – Photograms 1

Photogram:
photographic image
made without a
camera by placing
objects directly onto
the surface of a light-
sensitive material e.g.
photo paper and then
exposing it to light.

Requires darkroom



Man Ray, Rayographs in the 1920s

No Camera – Photograms 2



Mark Magnan