

DYE SAMPLES FROM BAYNARD'S CASTLE

The dyes were removed from the fibre with solvents: the light absorption of the resulting extracts was measured using a UV/Visible spectrophotometer and the spectra compared with those of known dyestuffs.

TBX 1.....unidentified red dye.
 TBX 2.....no dye detected
 TBX 3.....no dye detected
 TBX 5.....possibly indigotin with a yellow or brown.
 TBX 7.....madder
 TBX 8.....madder
 (TBX 8 contained considerably more alizarin than TBX 7)
 TBX 10.....madder
 TBX 12.....madder (weak)
 TBX 15.....no dye detected
 TBX 17.....madder possibly combined with indigotin
 TBX 19.....madder
 TBX 20 main weave.....madder
 TBX 20 stripe.....madder
 (The two samples of TBX 20 contained approximately equal amounts of madder, although one was considerably darker than the other. There was no natural pigment in the fibres, so the difference in colour is most likely to be caused by different mordants).
 TBX 21.....no dye detected
 TBX 23.....possibly a yellow or brown dyestuff
 TBX 24.....madder
 TBX 25.....indigotin
 TBX 26.....no dye detected
 TBX 27.....indigotin (weak)
 TBX 29 main weave.....unidentified yellow dyestuff
 TBX 29 selvedge.....madder plus unidentified yellow
 TBX 32.....kermes
 TBX 34.....kermes
 TBX 37.....madder
 TBX 40.....madder
 TBX 42.....possibly a yellow or brown dyestuff
 (no natural pigment present)
 TBX 46.....madder

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