Darkening of (black) Mulberry wood - update

Status after another 8 days of daylight (right - previous on left). The colour of the unexposed sample in the right picture is matched to itself in the left picture with Photoshop - the real samples look a bit more brightly coloured in sunlight. They are in top-to-bottom order:-

- An uncoated but exposed sample
- An uncoated sample kept in the dark (but with air circulation)
- A sample coated with OSMO UV-protection-oil extra, which is an exterior oil-based coating designed to protect from uv
- One coated with OSMO uvwax, which is an interior water-based coating designed to prevent uv darkening
- A sample coated with ordinary hard wax oil which is older than the other samples but has only been exposed to full daylight for the same time, previously in room lighting. Useful to show the direction of travel.

All the exposed samples have continued to darken/go red, although the UV-protection-oil coated sample has darkened a bit less than the others and still looks somewhat ‘yellow’ (this is more striking in real life than in the pictures!).

A set of candlesticks coated with the uv oil is shown below with the samples in the foreground:-

Notes:-

- the UV-protection-oil on the candlesticks is painted on with a brush (2 coats). It is extremely slow to dry hard - after several days indoors in warmth and relative darkness (supposed to be dry in 12 hours according to the instructions) it remained tacky. Since the original sample set more quickly I became suspicious that the oil requires daylight exposure to set (it is exterior after all) although this is not mentioned in the data sheet. Certainly after a day or so in sunlight it does set. The candlesticks were then lightly smoothed with very fine (600) paper and coated with microcrystalline wax (on a lathe).

Will Stewart
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