

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

The young man's book of amusement

Halifax, 1848

Timber in a Seventy-four Gun Ship

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or a piece of burning paper, it will burn with a bright carmine-red flame, especially if the mixture be heated, by holding the ladle over the flame of a lamp or candle to cause the alcohol to boil rapidly.

To produce an Emerald-Green Flame.

Cause alcohol to burn in a ladle upon nitrate of copper.

To produce an Orange-coloured Flame.

Put muriate of lime, deprived of its water of crystallization into an iron ladle, cover it with spirits of wine, and cause it to burn in the manner stated.

Timber in a Seventy-four Gun Ship.

A seventy-four gun ship will swallow up nearly 3,000 loads of oak timber; a load of oak timber contains fifty cubical feet, and a ton forty feet; so that a seventy-four gun ship takes 2,000 large well-grown timber trees, of perhaps two tons each. The distance recommended for planting trees is thirty feet; but supposing trees to stand at the distance of two rods, (thirty-three feet) each statute acre would contain forty trees; of course the building of a seventy-four

gun ship would clear the timber of fifty acres. Even supposing the trees to stand one rod apart, (a short distance for trees of the magnitude above-mentioned) it would clear twelve acres and a half; no inconsiderable plot of ground. The complaints relative to the decrease of our timber are not to be wondered at under such circumstances; and this calculation points out to landed proprietors the necessity and patriotism of continually planting more trees to supply our future wants.

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Subaqueous Echolation.

Pour a little clear water into a small glass tumbler, and put one or two small pieces of phosphoret of lime into it. In a short time, flashes of fire will dart from the surface of the water, and terminate in ringlets of smoke, which will ascend in regular succession.

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Flowers curiously affected by the Sun and the Weather.

The petals of many flowers expand in the sun, but contract all night, or on the approach of rain. After the seeds are fecundated, the petals no longer contract. All the trefoil may serve as a barometer to the husbandman: they always contract their leaves on an impending storm.

To make

Fix a small
and write with
into a dark ro
luminous.

Into a large
tile, and cont
rosemary, or
water, introdu
which place so
benzoin, in con
and ascend in w
dense, and form
the leaves of the

Writing on

Dissolve chalk
milk, and add to
Keep this liquor
then cut out from
appear, and paste
you are to place
rays may pass th