

Badische Landesbibliothek Karlsruhe

Digitale Sammlung der Badischen Landesbibliothek Karlsruhe

The young man's book of amusement

Halifax, 1848

To exhibit the Pressure of the Atmosphere

[urn:nbn:de:bsz:31-100120](https://nbn-resolving.org/urn:nbn:de:bsz:31-100120)

Nancy. It requires to be kept during winter in the hot-house.

To exhibit the Pressure of the Atmosphere.

Procure two hollow hemispheres of Brass, (A & B Fig. 19,) to one of which let there be a pipe annexed having a stop cock C. the pipe terminating in a screw so as to fit the plate of the air pump; bring the other hemispheres in contact, with a wet leather between them, and having exhausted the air from the inside, turn the stop-cock C, take the whole from the pump and screw on the handle; and then try if you can separate them. You will find that there is a tremendous pressure to overcome, a pressure which if the diameter of the cups were only four inches, would be equal to 180 pounds weight.

Artificial Mahogany.

The following method of giving any species of wood of a close grain the appearance of mahogany in texture, density, and polish, is said to be practised in France with such success, that the best judges are incapable of distinguishing between the imitation and mahogany. The surface is first planed smooth, and the wood is then rubbed with a solution of nitrous acid. One ounce and a half of dragon's blood, dissolved in a pint of spirits of wine, and one third of an