

# **Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

## **The young man's book of amusement**

**Halifax, 1848**

Another way

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

into the ball, set fire to it, and introduce it quickly into the bottle filled with oxygen gas. The zinc will take fire, and burn with a beautiful green flame surrounded by a white one.

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*Another way.*

If a current of oxygen gas be conveyed to filings of the metals, they will burn with great rapidity. For this purpose, fill a large bladder with oxygen gas, and adapt it to a tube; by pressing the bladder, and throwing the gas on a piece of ignited charcoal, on which filings of metal have been put, they will burn rapidly. The filings of metal which exhibit the most brilliant appearances, are those of zinc, copper, antimony, iron, and steel.

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*Astonishing Heat of the Flame of Oxy-hydrous Gas.*

On projecting the flame issuing from the compound blow-pipe, against the outside of a small tinned iron cup, full of cold water, the outside of the cup will become red hot, and at length assume a white heat, not only on its outside, but within, in contact with the water: and in an instant afterwards the flame will break through the side of the cup, and enter the water without being extinguished. The