

**Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

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

**Halifax, 1848**

To make Fire Bottles

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

and peculiar form of crystallization, will distinguish each crystal separately, and the whole together, remaining in the respective places where they were deposited, will display a very curious and pleasing appearance. Preserve it carefully from dust.

---

*To make Fire Bottles.*

The phosphoric fire bottles may be prepared in the following manner:—Take a small phial of very thin glass, heat it gradually in a ladle-full of sand, and introduce into it a few grains of phosphorus; let the phial be then left undisturbed for a few minutes, and proceed in this manner till the phial is full. Another method of preparing this phosphoric bottle, consists in heating two parts of phosphorus and one of lime, placed in layers, in a loosely stopped phial for about half an hour; or put a little phosphorus into a small phial, heat the phial in a ladle-full of sand; and when the phosphorus is melted, turn it round, so that the phosphorus may adhere to the sides of the phial; and then cork it closely. To use this bottle, take a common brimstone match, introduce its point into the bottle, so as to cause a minute quantity of its contents to adhere to it: if the match be rubbed on a common bottle cork, it will instantly take fire. Care should be taken not to use the same match a second time immediately, or while it is hot, as it would infallibly set fire to the phosphorus in the bottle.