

# **Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

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

**Halifax, 1848**

Of such Ingredients as show themselves in Sparks when rammed into  
choaked Cases

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

*A Brilliant Fire.*

Meal powder, six pounds ; saltpetre, half a pound ;  
brimstone, two ounces ; and steel-dust, twelve ounces.

*Of such Ingredients as show themselves in Sparks  
when rammed into choaked Cases.*

The set colours of fire produced by sparks are divided into four sorts, viz. the black, white, grey, and red ; the black charges are composed of two ingredients, which are meal powder and charcoal ; the white of three, viz. saltpetre, sulphur, and charcoal ; the grey of four, viz. meal powder, saltpetre, brimstone, and charcoal ; and the red of three, viz. meal powder, charcoal, and saw-dust.

There are, besides these four regular or set charges, two others, which are distinguished by the names of compound and brilliant charges ; the compound charge being made of many ingredients, such as meal powder, saltpetre, brimstone, charcoal, saw-dust, sea-coal, antimony, glass-dust, brass-dust, steel-filings, cast iron, tanners' dust, &c. or any thing that will yield sparks ; all which must be managed with discretion. The brilliant fires are composed of meal powder, saltpetre, brimstone, and steel-dust ; or with meal powder and steel filings only.