

# **Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

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

**Halifax, 1848**

A liquor that shines in the dark

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the buds into water, wherein a little nitre or salt has been infused, and the next day you will see the buds open and expand themselves, and the flowers display their most lively colours, and breath their agreeable odours.

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*To find whether any given Year is Leap Year or not.*

Divide the given year by 4, if nothing remain, it is leap year; but if 1, 2, or 3 remain, it shews the number of years after leap year. This rule may be committed to memory in the following lines:—

Divide by 4: what's left shall be,  
For leap year, 0: past, 1, 2, 3.

*Example.*

Was the year 1819, leap year?—Rejecting the centuries, 19 divided by 4, and 3 remain; therefore, the year 1819 was the third year after leap year.

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*A Liquor that shines in the dark.*

Take a bit of phosphorus, about the size of a pea; break it into small parts, which you are to put into a glass half full of very pure water, and boil it in a small earthen vessel, over a very moderate fire. Have in readiness a long narrow bottle, with a well-fitted glass

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stopper, and immerse it, with its mouth open, into boiling water. On taking it out, empty the water, and immediately pour in the mixture in a boiling state; then put in the stopper, and cover it with mastich, to prevent the entrance of the external air.

This water will shine in the dark for several months, even without being touched; and if it be shaken in dry warm weather, brilliant flashes will be seen to rise through the middle of the water.

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*Three jealous Husbands with their Wives, being ready to pass by night over a river, do find at the river side a boat which can carry but two persons at once, and for want of a boatman they are necessitated to row themselves over the river at several times; the question is, how six persons shall pass two by two, so that none of the three Wives may be found in the company of one or of two men, unless her Husband be present?*

They must pass in this manner, viz.—First two women pass, then one of them bringeth back the boat and repasseth with the third woman; that done, one of the three women bringeth back the boat, and sitting down upon the ground with her husband, permitteth the other two men to pass over to find their wives; then one of the said men with his wife bringeth back the boat, and placing her upon the ground, he taketh the other man, and repasseth with him; lastly, the woman which is found with the three men entereth