

**Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

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

**Halifax, 1848**

Experiment with Syphon

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

Common water.....	1.000
Bees-wax.....	0.955
Linseed oil.....	0.932
Oil, olive.....	0.913
Spirit of turpentine.....	0.874
Rect. spirit of wine.....	0.856
Cork.....	0.240
Air.....	0.004

---

*Experiment with the Syphon.*

If one leg of a syphon be immersed in a vessel of water, and the other leg hang out of it, in such manner that the lower end be below the surface of the water; on opening both the orifices at the same instant, the water will be found to flow out at the lower orifice, till its surface has sunk down to the orifice of the leg in the water.

---

*Tantalus's Cup.*

Several entertaining deceptions have been practised by means of the Syphon. One of the most usual is that of Tantalus's Cup, but the explanation of which is not necessary here, as its operation will be evident at the first view. It is usual to conceal the syphon in the figure of a man representing Tantalus; and when the cup is filled with water as high as his

mouth, that  
the latter be  
whole conten  
been practis  
of a drinkin

PROCEDE  
on pedestal  
thin tube,  
one head t  
go up to t  
the end of  
head, be c  
comes to t

Now wh  
of one han  
length of t  
any one pla  
It is not ne  
lips of the  
to the ear, a