

## DIY 11 U.S. MEDICAL JOURNAL NO. 36

It may not be generally known, particularly in the country, that blue vitrol, when mixed with lime, forms a beautiful, as well as exceedingly cheap, coloring matter for walls. Take good lime and chalk; it is usual, one and a half pounds of blue vitrol, dissolve the crystals with boiling water; when dissolved, mix it with the lime which had half a pound of lime water prepared. This should be prepared in a glue-pot, to prevent its being burned or scorched. When well mixed, the first coat may be put on horizontally, or from side to side, and the second coat vertically, or up and down. The wall will be of a bright blue color, resembling the blue bottles sometimes seen in apothecary shops. By following these directions, women can put on the coloring as smoothly, generally, as men.

edit continuo il veleno per le pulci. — L'acqua di vitrola si diluisce con acqua calda e si versa su le pareti. — La pietra calcarea si diluisce con acqua calda e si versa su le pareti. — Il veleno per le pulci si diluisce con acqua calda e si versa su le pareti.

### Poison for Bugs.

Take two ounces and a half of ammonia, each half an ounce; whiskey, one pint.

— *Una soluzioone di ammialio di mezzo oncia e mezza per ogni due oncie di whisky.*

W. D. Nichols. — *Una soluzioone di ammialio di mezzo oncia e mezza per ogni due oncie di whisky.*

### Vinegar.

Vinegar may be made from cider, much quicker, and better, by diluting it one-fourth with soft water, and exposing a large surface to the air, by filling the cask about two-thirds full and exposing it to a temperature of about 77 degrees.

It may be made much quicker and cheaper by the following: — Molasses and whiskey, each one gallon; water, thirty gallons; brewer's yeast, one-half gallon; expose as above.

— *Una soluzioone di aceto di sidro fatto con miele, whisky e lievito.*

### To Clarify Cider.

Mix together one quart each of lime and clean dry ashes, and two quarts of new milk. Pour them into a bagginette of cider just from the press. In ten hours it will be fit to rack.

### India Ink (With the Preparation.)

The Ink.— Dissolve one drachm pure nitrate silver, in five drams of soft water; add sixty drops of nitric acid (solution) of gun arrack, and one grain of camphor. The Preparation.—Put into a separate bottle one ounce of a solution of gum arabic and five grains of soda.

### To Dye a Madder Red.

For each pound of cloth, soak half a pound of madder in a brass kettle over night, with sufficient warm water to cover the cloth, you intend to dye. Next morning put it in two ounces of madder compound for every pound of madder. Wet your cloth and wring it out in clean water, then put it into the dye. Place the kettle over the fire and bring it slowly to a scalding heat, which will take almost half an hour; keep hot this heat half an hour, if a light red is wanted, and longer if a dark red; then take it off, according as the time is required in the dye. When you have obtained the color, wash the cloth immediately in cold water.

### To Dye a Permanent Blue.

Soak the cloth in a bone bottle for an hour, in a solution containing five parts of alum and three of tawer for every thirty-two parts of cloth. It is then to be thrown into warm water, previously mixed with a greater or less quantity of Chinese blue, according to the shade the cloth is intended to receive. If the water is too strong, it will kill all the color, yet the cloth will not be discolored.

If the bath only covers the cloth, it will not be strong enough to color it well; so it is necessary to have the cloth in two or three baths, so as to dip it into the water, and then lay it upon a flat surface, so as to allow the water to run off. After the cloth has been thus washed, it is now put into another bath, *without* alum, but with a small quantity of bone ash to make it lighter; you may now, if you think it is strong enough, wash it again with liquorice water, and then it will be strong enough to be used for a permanent blue.