

By an addition of glycerine to glue (one-fourth part of glycerine to one part of glue) the cracking and scaling-off will be prevented. This glycerine-glue possesses also the property of caoutchouc to remove the marks of lead-pencil from paper.

Belladonna an Antidote for Opium.

A correspondent, a professional physician, in a letter to the *Medical and Surgical Reporter*, details the circumstances of a case where the patient had taken three ounces of opium tincture, or laudanum, which had exerted its effects three and a half hours. Fluid extract of belladonna was then administered in doses of twenty drops every ten minutes, which, in twenty minutes, arrested the progress of the opiate, and in about eight hours the patient was so far recovered as to sit up and converse. The writer says he is sure that belladonna saved this man's life.

The Virtues of Borax.

The excellent washerwomen of Holland and Belgium, who "get up" their linen so beautifully white use refined borax as a washing powder, instead of soda, in the proportion of one large handful of powder to about ten gallons of boiling water. They save in soap nearly one-half. All the large washing establishments adopt the same mode. For laces, cambrics, etc., an extra quantity of the powder is used; for crinolines, requiring to be made stiff, a strong solution is necessary. Borax being a neutral salt, does not in the slightest degree injure the texture of the linen. Its effects is to soften the hardest water, and therefore it should be kept on every toilet table. To the taste it is rather sweet; it is used for cleaning the hair, is an excellent dentifrice, and in hot countries it is used, in combination with tartaric acid and bi-carbonate of soda, as a cooling beverage. Good tea cannot be made with hard water. All water may be made soft by adding a teaspoonful of borax powder to an ordinary-sized kettle of water, in which it should boil. The saving in the quantity of tea used will be at least one-fifth.—*Druggists' Circular*.

Practical Memoranda.

Coal Oils as Lubricators.

It is stated that American manufacturers, especially those employing fine machinery, have found, by a thorough system of tests, that coal oils as lubricators are superior to sperm oils in the ratio of 100 to 84, a discovery extremely satisfactory from the great difficulty heretofore of obtaining regularly a grade of sperm or whale oil of uniform density, free of gum and foreign mixture.—*American Artizan*.

Test for Acids.

Cyanine blue has been found to be a most sensitive test for free acids. Well-boiled water, which has been slightly tinted with the reagent, loses its color the moment a few bubbles of air are blown through it from the lungs, thus showing the action of so feeble an acid as carbonic in so small a proportion.

A Table Showing the Relative Value of Gold and United States Bills.

(Continued from page 22.)

Prem.	Value of a Cur. Dollar.	Prem.	Value of a Cur. Dollar.
151	66 $\frac{1}{2}$	176	56 $\frac{1}{2}$
152	65 $\frac{1}{2}$	177	56 $\frac{1}{2}$
153	65 $\frac{3}{8}$	178	65 $\frac{1}{2}$
154	65	179	55 $\frac{1}{2}$
155	64 $\frac{1}{2}$	180	55 $\frac{1}{2}$
156	64 $\frac{1}{4}$	181	55 $\frac{1}{2}$
157	63 $\frac{5}{8}$	182	55
158	63 $\frac{1}{2}$	183	54 $\frac{1}{2}$
159	62 $\frac{7}{8}$	184	54 $\frac{1}{2}$
160	62 $\frac{1}{2}$	185	54
161	62	186	53 $\frac{1}{2}$
162	61 $\frac{1}{2}$	187	53 $\frac{1}{2}$
163	61 $\frac{1}{8}$	188	53 $\frac{1}{2}$
164	61	189	53
165	60 $\frac{3}{4}$	190	52 $\frac{1}{2}$
166	60 $\frac{1}{4}$	191	52 $\frac{1}{2}$
167	59 $\frac{3}{4}$	192	52 $\frac{1}{2}$
168	59 $\frac{1}{2}$	193	51 $\frac{1}{2}$
169	59 $\frac{1}{4}$	194	51 $\frac{1}{2}$
170	58 $\frac{7}{8}$	195	51
171	58 $\frac{3}{4}$	196	51 $\frac{1}{2}$
172	58 $\frac{1}{2}$	197	50 $\frac{1}{2}$
173	57 $\frac{3}{4}$	198	50 $\frac{1}{2}$
174	57 $\frac{1}{2}$	199	50 $\frac{1}{2}$
175	57 $\frac{1}{4}$	200	50

Oxyd of Lead.

The solubility of oxyd of lead in water is, as is well known, so slight that many have doubted its very existence; though unrecognizable by sulphuretted hydrogen, it is shown by the cyanine test.

Cleansing Hair Brushes.

Soda, dissolved in cold water, is better than soap and hot water. The latter very soon softens the hairs, and the rubbing completes their destruction. Soda, having an affinity for grease, cleanses the brush with very little friction.

Bleeding from the Nose.

Some two years ago, while going down Broadway, in New York, blood commenced running from my nose quite freely. I stepped aside and applied my handkerchief, intending to repair to the nearest hotel, when a gentleman accosted me, saying, "Just put a piece of paper in your mouth, chew it rapidly, and it will stop your nose bleeding." Thanking him rather doubtfully, I did as he suggested, and the flow of blood ceased almost immediately. I have seen the remedy tried since quite frequently, and always with success. Doubtless any substance would answer the same purpose as paper, the stoppage of the flow of blood being caused doubtless by the rapid motion of the jaws, and the counter action of the muscles and arteries connecting the jaws and nose.

Physicians state that placing a small roll of paper or muslin above the front teeth, under the upper lip, and pressing hard on the same, will arrest bleeding from the nose—checking the passage of blood through the arteries leading to the nose. H. C. K.—*Scientific American*.