

Things to be Remembered by Chemists, Druggists and Microscopists.

BY H. M. WHELFLEY, M. D.

1. Remember that saltpetre and sulphur may explode if pounded in an iron mortar.
2. Remember that powdered camphor can be kept in the pulverent form by the addition of one-half per cent. of oil of vaseline.
3. Remember that sugar added to ordinary ink forms a good copying ink.
4. Remember that quinine will preserve mucilage, paste, etc.

5. Remember that aniline colors fade with age. Records should not be written with aniline ink.

6. Remember that sulphureted hydrogen water is best preserved in glass stoppered bottles, with the stopper protected by vaseline.

7. Remember that cherry laurel water and morphine salts are liable to form the poisonous cyanide of morphine.

8. Remember that powdered resin may produce spontaneous combustion.

9. Remember that an application of a weak solution of hydrochloric acid, followed by a weak solution of chlorinated lime, will remove logwood stains from the skin.

10. Remember that rose water made with carbonate of magnesium and used to make eye-water, by dissolving zinc or lead salts, will form an irritating precipitate.

11. Remember that many celluloid articles can be mended by covering the edge with glacial acetic acid, and pressing them firmly together until dry.

12. Remember to mix acids with water, by pouring the acid into the water and not the water into the acid, as the latter process may cause an explosion of steam.

13. Remember that the etherial solutions of iodoform are not permanent.

14. Remember that the granulated gum-arabic dissolves more readily than the powdered.

15. Remember that chloral and cyanide of potassium mutually decompose each other, and that hydrocyanic acid is one of the products.

16. Remember that pyroxylin should be kept packed in glass and moist with its own weight of water.

17. Remember that glycerine administered in large quantity may produce poisonous symptoms.

18. Remember that when alcohol and water are mixed the combined volume is less than the sum of the two separate liquids.

19. Remember that alcohol strains varnished surfaces.

20. Remember that moistening aconite tubers with alcohol before powdering in a mortar will prevent the irritating dust from rising.

21. Remember that carbolic acid is combustible.

22. Remember that iodine and the iodides precipitate the alkaloids.

23. Remember that scaly iron salts dissolve more readily by adding the scales gradually to the menstruum than by triturating in a mortar.

24. Remember that acetate of lead

loses some of its acetic acid when exposed to the air.

25. Remember that cocaine and borax form an insoluble borate of cocaine, while boric acid and cocaine do not.

26. Remember that black lead is not plumbum, but a form of carbon.

27. Remember that euclyptol is a proprietary preparation, and differs from eucalyptol.

28. Remember that five parts of phenol with ninety-five parts of water, or five parts of water with ninety-five parts of phenol, form clear mixtures.

29. Remember this much of the Metric system: 1,000 milligrams make 1 gram; 1,000 grams or cubic centimeters make 1 kilo or liter; 1,000 kilos make 1 ton; 65 milligrams make 1 grain; 15½ grains make 1 gram; 31 grams make 1 ounce troy.

System Begets Habit.

THERE are very few dealers who will deny that system in the conducting of a store is an indispensable requisite. Many of them, however, misapprehend the real meaning of the word habit, and resent any suggestion that they are possessed of the latter, be it good or bad. There is no middle ground. In fact, as an exchange asserts, there can be no system where there are bad habits. The merchant who puts off until to-morrow what can be done to-day possesses a decidedly bad habit. If he has any system at all in the conducting of his business, it is not perfect by any means. There are very few people who correctly understand the definition of the word system. Without referring to Webster or Worcester, a practical definition can be given, which, if followed to the letter, will guarantee perfect system. That definition is "never try to do more than one thing at a time." After exercising system in the arrangement of goods, the next use of it should be applied to a systematic method of keeping them in order, and a system of selling. There are merchants who make the mistake of railing at a clerk because he has failed in some trivial duty, whereas the merchant himself has clogged the wheels of his business by failing to clear up his own desk. He may be ever so systematic in every other way, but if he lacks in this one particular, his system is shattered. Again, system must be adhered to in the selling of goods. There is nothing that will so soon offend a customer as to be left even an instant for a newcomer, no matter how pressing the time of the latter may be. "First come, first served," is a recognized rule the world over, and the dealer cannot afford to ignore or break it. Volumes have been written about the systematic arrangement of stores and various lines of goods, but very little reference has been made to the systematic conducting of the business itself. After the goods have been arranged there is constantly room for improvement, and the successful merchant eagerly grasps at every hint thrown out that is liable to aid him in the systematic and profitable conducting of his business.—*B. C. Com. Gaz.*

Wanted.

DRUG STORE FITTINGS, UTENSILS, Etc.—Any one having such for sale, send particulars and lowest spot cash price to Box 85, Bradford.

HUMPHREY'S

SPECIFICS. VETERINARY SPECIFICS. SPECIAL PRESCRIPTIONS.

WITCH HAZEL OIL.

MARVEL OF HEALING.

Stocked by all wholesale druggists in Canada and delivered

DUTY FREE.

Write for catalogue, photographs of counter show cases, terms and inducements.

Humphreys' Medicine Company

NOS. 111 AND 113 WILLIAM ST., AND NOS. 61, 63 AND 65 JOHN ST., NEW YORK.



For Sale by Wholesale Druggists and Druggist Sundrymen.

A Great Repository of Practical and Scientific Information.

One of the Fullest, Freshest, and Most Valuable Hand-books of the Age.
Indispensable to Every Practical Man.

NOW READY.

Price \$2.00.

Free of Postage to any Address in the World.

The Techno-Chemical Receipt Book

Containing Several Thousand Recipes, covering the latest, most important, and most useful Discoveries in Chemical Technology, and their Practical Application in the Arts and the Industries. Edited chiefly from the German of Drs. Winckler, Elsner, Heintze, Merzdorf, Jacobsen, Koller, and Heinzeling, with additions by William T. Braunt, Graduate of the Royal Agricultural College of Eberswalde, Prussia, and William H. Wahl, Ph. D. (Hehl.), Secretary of the Franklin Institute, Philadelphia, author of "Galvanoplastic Manipulations." Illustrated by 75 engravings, one volume, over 600 pages, 12mo., elegantly bound in scarlet cloth, gilt, closely printed, containing an immense amount and a great variety of matter. Price \$2.00, free of postage to any address in the world.

See A circular of 32 pages, showing the full Table of Contents of this important book, sent by mail free of postage to any one in any part of the World, who will furnish his address.

HENRY CAREY BAIRD & CO.,

INDUSTRIAL PUBLISHERS, BOOKSELLERS AND IMPORTERS,
810 Walnut-St., Philadelphia, Pa., U.S.A.