

## Gleanings.

**REMEDIES ACTED ON BY LIGHT.**—It has been noticed that in many stores numerous substances, which are more or less sensitive to the influence of light, are not kept in the dark, but are exposed to bright daylight on the shelves, which necessarily causes deterioration. In addition to these remedies, which are commonly known to be affected by light, the following may be mentioned: Gallic acid, aristol, cinchonidine, sulphate, albuminate of iron, citrate of iron and ammonium, effervescent citrate of iron, peptonate of iron, phosphate and albuminate of mercury, peptonate of iron and manganese, hydrogen dioxide, tartrate of iron and saffron preparations.—*Ap. Ztg.*

**A NEW "RUBBER PLANT."**—The *Semaine Horticole* publishes an illustration and a figure of a new species of *Ficus*, called *F. Eetveldiana*. It is a moderate-sized tree, growing in the Belgian Congo. The leaves are on long slender stalks, the blades cordate oblong. It will form a fine shade tree in the tropics, and grows rapidly under cultivation.—*Gardeners' Chron.*

**ANTAGONISM OF CHLORAL-HYDRATE AND COCAINE.**—The experiments of Gioffredi (*Munchener Medizinische Wochenschrift*) show that while chloral-hydrate in large (3.4 gm.) doses acts as an effectual antidote in cocaine poisoning, cocaine has no such effect in chloral-hydrate intoxications. The same observations have been made with paraldehyde and sulphonal.

Lemon juice may be preserved, according to *Pharm. Ztg.*, in the following manner: The expressed juice is strained through linen, then shaken for some time with powdered talcum and filtered. To the filtrate 16 per cent. of sugar is added, and the mixture brought to boiling. While still hot the liquid is filled in bottles just previously boiled with water, and these closed with paraffined corks.—*Ph. Era.*

Dr. Ostegren, of New York, claims that with a machine invented by himself he will be able to produce daily 1,500 gallons of liquid air at a cost of five cents per gallon, and which price may eventually be reduced to two cents.

**NAFTALAN.**—This is a new powerful dermatologic derived from a special crude petroleum of the Caucasus. It is a dark-green viscous inflammable substance of 0.966 specific gravity, which liquefies at 70 deg. C. Naftalan has been successfully employed in psoriasis, and other skin affections, and also in catarrhal conditions of the genito-urinary organs, including the prostate.

**PURE METACRESOL.**—A synthetic *meta* cresol is now on the market, which is claimed to be absolutely pure. It is sold as synthetic *meta*-cresol, "Kalle," and occurs as a pale yellowish oil boiling at 202°, and dissolves in water to the extent of 2 per cent. It solidifies in the cold, and melts again at 108°. Much of the commercial so-called *meta*-cresol is, according to our experience, not very pure. It frequently has a boiling temperature ranging over several degrees.

Gossypol is the name given to a phenol-like substance obtained from cottonseed oil, which, on elementary analysis, yields two formulæ,  $C_{13}H_{14}O$  and  $C_{32}H_{34}O_{10}$ , of which the first is probably correct. Its melting point is in the neighborhood of 188° C. (370° F.), and it is easily soluble in alcohol, benzol, chloroform, ether, acetone and glacial acetic acid, being reduced thereby. The substance, which is being investigated by Marchlewsky, appears to have a future in the color industries, if not in medicine.—*Nat. Druggist.*

**THE CHARACTERS OF HYDROGEN.**—Lemoine, in a paper read before the Belgian Association of Chemists (*Bulletin*, November, 1899), gives the following as the physical characters of hydrogen in its three forms:—Solid: Density, 0.07; melting point, 246.6°. Liquid: Density, 0.07 to 0.086; boiling-point, 238°; atomic volume, 14.3. Gaseous: Density, 0.55.

**CYSSATITE.**—A body is being put on the market, chiefly in France, which is recommended strongly for many pharmaceutical purposes where an absorbent is required, under the name of cyssatite. Examined under the microscope this body is seen to consist almost entirely of diatomaceous skeletons. On analysis it is found to consist almost entirely of silica. Common kieselguhr does not appear to differ materially from it.—*Br. C. D.*

## Daylight Stores.

What is the use of having a fine stock of goods, and hide them away in a dark and dingy store, expecting people to come in and ask for what they don't see? When you have goods to sell, display them so that they cannot escape notice.

But if your store is dark you are laboring under a great disadvantage, and naturally you should be interested in anything that will help you out of the difficulty. Nothing is better than good clear daylight, and if you had an installation of Luxfer Prisms in your front windows you would have your store brightly lighted in every part. Perhaps you don't know what Luxfer Prisms are. Write to the Luxfer Prism Co., Limited, 100 King street west, and get their descriptive booklet. Druggists find Luxfer Prisms very useful, and such concerns as the Hooper Drug Co., of Toronto, H. & F. McCarthy, of Ottawa, McDowall, Atkins & Watson, of Vancouver, and many others, can testify that they would not be without prisms for twice their cost. There is nothing in decorations or improvements about a store that will repay cost as quickly or as surely as Luxfer Prisms. We publish on page 86D two cuts showing the difference in the interior of a store with prisms and without prisms. These pictures tell the story without words.

People who are contemplating a visit to Paris this summer will enjoy the pleasant sketch of "Paris and the Exposition" which *The Living Age* for March 24th, translates from a recent article by M. Gabriel Hanotaux.

Dr. Hasket Derby of Boston, translates for *The Living Age* a two-part story from the German of H. Heimburg, called "Rube," the first part of which will appear in the number for March 31. It is a story which dog-lovers will appreciate, and it gets its title from the name of a faithful dog.

"The Evolution of Literary Decency" is the taking title of an article by Andrew Lang, which will appear in *The Living Age* for April 7th.

The opening article in *The Living Age* for April 7 will be an affectionate yet discriminating consideration of Mr. Ruskin on his personal side by Julia Wedgwood, who knew him well.