

## SELECTIONS.

**SCARLET FEVER.**—In France just now the use of large doses of ammonium acetate in the treatment of scarlet fever is advocated. The dose for children is 15 grains for every year of age; for adults the maximum dose is over 500 grains. The treatment is said to be most satisfactory.

**IPPECACUANHA WITHOUT EMETIN.**—An Indian practitioner has devised a process for removing the emetin from ippecacuanha, leaving the powdered root otherwise unaltered. It is claimed that the curative virtues of the drug in dysentery are left intact, while the nausea following large doses of the crude drug is avoided.

**NEW CHARACTERISTIC REACTION OF COCAINE HYDROCHLORATE.** Silva, in the *Compt. Rend.*, treats cocaine or any of its salts with a few drops of fuming nitric acid, evaporates to dryness, and adds to the residue 1 or 2 drops strong alcoholic solution of potassa, stirring constantly. A very characteristic odor resembling that of peppermint becomes perceptible at once, even if as little as  $\frac{1}{2}$  mg. of cocaine was present.

**PRESERVATION OF HYDROGEN PEROXIDE.**—For this purpose Kingzett recommends the addition of a small amount of ether. Experiments conducted by the author show that pure hydrogen hyperoxide lost, in twenty-eight days, 10 per cent.; in ninety-eight days, 27.4 per cent.; in 200 days, 39 per cent.; and in 190 days, 89.2 per cent. The addition of sulphuric acid reduced these figures to 9, 23, 27.1, and 68.3 respectively. Alcohol reduced them to 1, 7.4, 7.4 and 22.8 respectively while ether still further reduced them, showing a loss of the peroxide in times mentioned of 0, 1.3, 2.4, and 15.9 respectively.

**CHLORIDE OF SODIUM AS AN ANTISEPTIC.**—Fritsch, of Breslau, recommends chloride of sodium in solution, carefully sterilised and warmed, for the purpose of douching wounds after operations, instead of the antiseptics ordinarily in use. This solution he has employed in such operations as removal of uterine fibromyomata, ovariectomy, and in one Caesarean section, in all cases successfully. In his opinion cold antiseptic solutions should never be used in surgery, but always douches of chloride of sodium, sterilised and warm, of 0.6 per cent. strength. He believes that by this means patients complain of less discomfort after the operation, and more quickly recover.

**INTENSIFICATION OF LIGHT REACTIONS IN CHEMICAL WORK.**—As is well known certain chemical reactions are accelerated by sunlight; but Bruhl has recently intensified the effect by placing the retort in the focus of a concave mirror. The vessel contained zinc filings and ethyl iodide, and the mirror, which was about a foot in diameter, concentrated the sun's rays upon it. The reaction soon began and continued briskly till, at the expiry of a quarter of an hour, the ethyl iodide was

all consumed and a goodly supply of zinc ethyl ultimately obtained. Bruhl considers the concave mirror preferable to a glass lens, which would be less powerful, owing to the athermanancy of the glass, so at least it is reported.

**IMPURE PHENACETIN.**—It would appear that phenacetin is being mixed with the cheaper acetanilide and the mixture dispensed as phenacetin. A druggist at Elberfeld has been doing this to quite a considerable extent, and although it was proven and also that some untoward effects had followed its administration, he escaped at the hands of the jury, much to the surprise of others, the ground of escape being more the fault of the judge, who decided that it was not an adulteration because the difference in cost of the small powders was so small! To detect this adulteration Dr. H. Will states that acetanilide is far more soluble in water, 1 part dissolving in 200 parts of water within half an hour, while but 0.13 part of phenacetin will dissolve in the same quantity. In mixtures of these two chemicals they can be readily determined by this simple method, the relative solubilities remaining unchanged by the presence of either chemical.—*Apot. Zeitung.*

At a recent meeting of the Paris Society of Pharmacy (*Jour. Pharm. Chim. etc.*, 576), M. Lacroix stated that as the result of experiments he had found salol to be very soluble in olive oil, almond oil, castor oil, the oleoresins of copaiba and turpentine, and the volatile oils of sandal wood, turpentine, etc. These substances dissolve more than a third of their weight of salol at the ordinary temperature and the solution remains clear. Liquid vaseline dissolves one-third of its weight of salol at a temperature of 28 deg. C., below which point the solution solidifies, but a 10 per cent. solution of salol in liquid vaseline does not deposit crystals even at 0 deg. M. Lacroix takes advantage of this solubility to prepare transparent gelatine capsules containing salol associated with oil of sandal wood, copaiba, turpentine and almond oil to the extent of one-third.

**TO MAKE A NON ACIDIFYING GUM ARABIC MUCILAGE.** To overcome the tendency of mucilages of gum-arabic to acidify in warm weather, Francke recommends, in the *Pharmaceutische Zeitung*, that the freshly prepared solution of gum-arabic should be neutralised with lime-water. About 18 per cent. of freshly-prepared lime-water is sufficient. If a water containing from 18 to 20 per cent. of lime-water be used to prepare the mucilage, it is claimed that the latter will remain sweet for an indefinite period.

Fly specks, etc., may be removed from bronze by means of a mixture of lavender oil, 1 dram; alcohol, 1 ounce; water, 1½ ounces. Use soft sponge and proceed quickly, with as little rubbing as possible.



LIFE,  
**GROWTH**  
—AND—  
**BEAUTY**  
FOR THE HAIR.

# LUBY'S PARISIAN HAIR RENEWER

AS a dressing for Ladies' and Gentlemen's Hair, it has no equal.

Strengthens weak hair,  
Checks its falling out,  
Allays irritation of the scalp,  
Removes all traces of Dandruff,  
Restores gray and faded hair,  
Keeps the head clean and cool,

—AND—  
IS NOT A DYE.

Sold by all Chemists and Perfumers.  
Large Bottles, 50 Cents each.

General Agent for the Dominion,  
**R. J. DEVINS,**  
No. 4, St. James St., Court House Square,  
MONTREAL.

## The Northern Pine REMEDY

IS A QUICK RELIEF AND RELIABLE CURE  
FOR

### ASTHMA, HAY FEVER

—AND—  
**CATARRH.**

It prevents and relieves more suffering than all other Asthma preparations. Testimonials free.  
Trial Package, 10c. Box, \$1. 6 Boxes, \$5.

### The Northern Pine Strengthening Plasters

WORN ON THE CHEST,

Are a great preventative from taking Cold, and never fail to Relieve and Cure Lame Side, Back or Stomach, and will prevent Rheumatism and a doctor's bill if used in time.

Price, 20c. or Six for \$1.00.

All are invited to send for Testimonials.

Sold by Druggists generally or by mail direct from

**JAMES L. LEAVITT,**  
Attleboro, Mass., U. S.