THE CANADIAN PHARMACEUTICAL JOURNAL

plants to replace the cane. The beet root plant is no other than the common pumplin, obtained. - Chemist and Druggist. t'e Cucurbita pepo of botanists. Its period if harvesting lasts longer than that of the FLUD CAVITIES IS MISERAL ref narvesting lasts longer than that of the | FLUID CAVITIES IN MINERALS.—" Proc. CHILBLAINS - One of the best remedies, is used, it is easier preserved and its refuse is Roy Soc, "No. 109, contains an important, the free application of the strong tincture of ust as valuable for the feeding of stock. maner by Messes Sorbs and Bother on fluid. Pumpkins weigh from 50 to 60 pounds; they furnish about 4 per cent of sugar, their con-tents in juice is 80 per cent. This juice mdicates from 10 to 11 on Baume's arcometer.

The sugar obtained from pumpkins is of a p good grain and color. Before refining, it has a slight flavor of melon. The sirup is of a very dark green color, nearly black, and tasts like cane sugar.

In Hungary, since the year 1837, several manufactories for making sugar from pump-kins have been in operation. The treatment of this fruit is perfectly identical with that of the beet root, and the machinery used for the purpose the same. - Scientific American.

Neutral Carbonate of Ammonia.

It has been generally supposed that this salt could not be obtained in a solid form, but E. Divers has recently succeeded in preparing it by dissolving commercial sesqui-carbonate of ammonia in aqua ammonia and ammoniacal gas; also, by passing ammoniacal gas through the solution of the com- | cimens sent by a correspondent, were recently mercial carbonate and cooling the mixture, the new salt will crystallize out. simple carbonate of ammonia forms silky simple carbonate of ammonia forms silky chet. He showed them to Dr. Baird and the crystals, easily soluble in water, soluble in 70 | Rev. W. Houghton, by whom the identifica-volumes of alcohol, and very soluble in the tion was confirmed. When Dr. Baird put air.

The mean of several analyses ga	ve :
Carbonic Acid	38.60
Ammonia	
Water	31.28

100.00

Corresponding to the formula NH⁴O,C()² +HO.—Journal of Applied Chemistry.

Syrup of Orgest.

We have often been desired to give a formula for making a good syrup of orgeat, as the article commonly sold by druggists and others at the soda fountain is very inferior. We have recently seen a very fine syrup, and have been favored with the recipe for making it. Take of the kernels of sweet almonds I it. Take of the kernels of sweet almonds 1 pound; of bitter almonds, 2 drachm;; deprive them of the skin; beat them in a mortar to a p stee, and add barley water, 1 qt.; strain and add white sugar, 3 lbs. orange flower water, one tablespoonful, and brandy, 1 half pint. The barley water is made by washing 2 ounces of barley to clear it of extraneous matter then holling it in half a pint of rester the following prescription, for instance: "Syr-squills, half am ounce; of tincture of digmatter, then boiling it in half a pint of water for five minutes, rejecting the resulting liquid. It is then boiled in two quarts of a water, until it is reduced to one quart, and strained .- Jour. of Applied Chemistry.

Preparation of Podophyllin.

The Journal de Pharmacie d'Anters gives the following recipe for the preparation of The dirtuest brass is cleaned in a trice. Wash podophyllin —Boil the root of podophyllum immediately in plenty of water, wipe it, and pellatum with lime, and precipitate the lime rub perfectly dry and polish with powdered from the filtered decoction with double sul- r ttenstone.

phate of iron and zinc; evaporate the filtrate and sorghum are among the number, but one to a syrupy consistence, treat the latter with of the most valuable, which is cultivated in (alcohol, and filter again; evaporate the alco-

paper by Messrs. Sorby and Butler, on fluid (capsicum. cavities in rubies, sapphires, diamonds, etc. , A specimen of sapphire, of which they speak, exhibits a remarkable cavity, containing a saturated with annu mia, and inserted into fluid which appears to be liquid cabone acid. , the ervity of a decayed and aching tooth, 15 They said of this fluid, "Though the expan-sion lelow 30° (Cent.) was very great, com-pared with that of any other known substances, except liquid carbonic acid and nitrous oxide, when the temperature rose above 30 (C.), it was so very extraordinary, that it was not until after having preformed the experiment over and over again that M. Sorby felt confidence in the results." They found the expansion 780 times as much as that of water would be, 69 times as much as air and permanent gases. Above 32° (C.) the fluid quite filled the cavity, so that its further expansion could not be asertained.

THE LAND LEECH, Trochata subrividis .-Some interesting correspondence has been published in "Land and Water," proving that the above leech is a native of this country, as Dr. Gray affirmed in 1850. Some speexamined by Mr. Henry Lee, who identified The 'them with the Trochasta subviridus of Dubosome of them into strong spirits, the colour iron present, which, you rightly surmise, left them, and gave a fine green hue to the trends to preserve the surm unchanged. We fluid. Mr. Houghton shows that Dubochet considered them entirely terrestrial, while Moquin Tandon asserts that he kept them alive in water for more than fifteen days. Mr. Houghton says that neither of the individuals sent to him seemed at all at home when placed in water.

PRESCRIBING IN CHEAP PERIODICALS.most dangerous practice prevails of publish-ing in some of the cheap literature of the day various receipts for the cure of minor , a German paper, a few years ago :-ailments, and it is one that is certainly upon the increase. Many of the prescriptions so given are absurd, and even dangerous; and this is not to be wondered at if we consider that the writer is often very deficient in all real knowledge of medicine, and that he is ! assisted by the errors of the printer, to whom ! the symbols of quantities are so many hiero- " the following prescription, for instance: "Syr. . of poppies, one ounce and a half; syr. of : squills, half an ounce; of tincture of digi-1 talis, thirty drops; a teaspounful to be given above order, and macerate for two weeks. to a child frequently." We can quite ma-i gine a fractious baby being dosed into the *Constant Reader.* —STAINSON GLASS.—These effectual quietness of death by such a mix- may be removed by applying a mixture of ture.-Lancet.

TO CLEAN VERY DIRTY BRASS .- Rub some bichromate of potass fine, pour over it about twice the bulk of sulphuric acid, and mix this with an equal quantity of water. Wash

CONVESTIVE HEADACHE. -- Characterized by pallor of the countenance, dull eyes, dilated pupils, cold extrematics, soft and feeble pulse. every cornfield in the Middle States as a side hole solution, and re-dissolve in boiling wa Give the flaid extract of belladonna, twenty product, has been quite neglected. This ter. On cooling a deposit of podophyllin is drops to four ounces of water; teaspoonful every two hours .- University Journal.

Wotes and Queries.

T. C. asks regarding Syn. Fran Iopipi:-" Is there any objection to pouring the iodide. without filtering, into the syrup, and allowing it to clarify by subsidence; it seems to me to keep better. I tried the addition of tartaric acid, but it caused the syrup to change color. I refer to syrup made with sugar,"

We see no objection to the omission of filtration, except non-compliance with the officinal directions. You are doubtless aware that the quantity of iron specified is much larger than is required for combination with the iodine; 28 parts of iron suffice for 126 parts of iodine, while the proportion ordered in the P. B. is 1 to 2, so that by using the unfiltered iodide, you have a large excess of metallic tends to preserve the syrup unchanged. Wo should prefer to filter the solution, and immerse in the syrup a strip of bright iron. Regarding the latter part of your note, we refer you to a paper on the subject in our present issue.

X. Y. Z.-COLOGNE WATER.-The following form is said to have been given by one of the Farinas, and was published as genuine in

Benzoin	2 oz.
Ol. Lavander	4 "
" Rosemary	<u>2</u> "
" Neroli,	
" Lemon a. a.	103 oz.
" Aurantii.	-
" Limetta.	
" Bergamot a. a.	21 oz.
Tinct. Flor. Gerannu rosei.	a. s.
S. V. R.	9 gals.

Add the ingredients to the spirit in the

hydrofluoric acid 1 part ; water 5 parts. The dilute acid should be applied by a tuft of cotton wool attached to the end of a stick; otherwise, the fingers might sustain injury. After the expiration of four or five minutes, wash well with water. Scratches in lenses, or spectacle glasses, may be rendered unobservable by this treatment.