

frequently put up in well closed containers, and considerable stress laid upon its having a decided odor, if effective. E. Hirschsohn, examining a sample of the powder which for five years had been kept in a paper box, found it to be entirely odorless, but as effective as when purchased. A number of fresh samples of Persian and Dalmatian powders, which were tested and found to be effective, were heated to 120° C. for eight hours, but had not lost their activity, although they were completely deprived of odorous principles. Thinking that the value depended upon the presence of acid, resin and this gradually becoming neutralized by absorption of ammonia from the atmosphere might cause deterioration, experiments were made, in which the powder was mixed with alcoholic ammonia to alkaline reaction and allowed to dry at ordinary temperature; when dried, the powder showed the original activity, neither being increased nor decreased. Of various solvents, water gave an inert extract upon evaporation; 95 per cent. alcohol, 70 per cent. alcohol, chloroform, ether, benzol, carbon disulphide and petroleum ether all extracted the active constituent, and the residual powder was inert. With the exception of the carbon disulphide extract, which was neutral, the extracts were acid to litmus paper. If the active extractions be mixed with some inert powder, like powdered chamomile, the product acts like the original powder. Seventy per cent. alcohol will remove from the petroleum-ether extract an oily resinous mass, which placed upon the tongue, produces a sensation similar to an extract obtained from the pyrethrum root; these substances must be different, however, as pyrethrum possesses no vermin-destroying properties.

—*Pharm. Ztschr. f. Ensl.*

### PERSONAL.

A banquet was given by the druggists of the province at the Clarendon Hotel, Winnipeg, on the evening of June 18th to Mr. W. J. Mitchell, who is severing his connection with the drug business of this province, and intends residing in Toronto in future. Mr. Mitchell's popu-

larity among his brother chemists was attested by the large numbers who attended to do him honor. Some thirty gentlemen from different parts of the province being present. Mr. G. W. McLaren, of Morden, President of the Association, presided. Mr. Mitchell's career in Manitoba has been a successful one, extending over the past ten years. He has always taken an active interest in Pharmaceutical matters, has been member of the council of that association nearly the whole of that time, and its President for four years. Mr. Mitchell will be missed not only by his business confreres but by the citizens of Winnipeg generally, as he has been one of her most liberal and public spirited members of society. He goes from among us with the best wishes of all for his future success and happiness. Mr. Mitchell has been compelled to leave Manitoba owing to the ill health of Mrs. Mitchell.

The Lambert Pharmacal Co.'y of St. Louis, Mo., have inaugurated a series of reprints on certain medicated subjects in which antiseptic treatment is advocated. Any of these reprints will be forwarded free of cost to any physician. The preparations of this firm, Listerine and Lithiated Hydrangra, are rapidly gaining in favor. A number of our local physicians report great success with them.

Messrs. Martin, Rosser & Co. who have purchased the business of the Mitchell Drug Company are gentlemen who have made a reputation for themselves in Eastern Canada. Mr. Martin, who is from Ottawa, was proprietor of one of the largest and most successful retail drug businesses in Ontario, which experience will qualify him for looking after the retailers' interest, as he can thoroughly appreciate their requirements, knowing that the greatest element in the success of the retailer is to be supplied with the purest of drugs by his wholesale house. Mr. Rosser comes to us with the reputation of being one of the most successful and popular drug travellers in Canada. His first experience in wholesale business was in the laboratory of Messrs. Kenneth Campbell & Co. of Montreal, a firm who are known all over the Dominion for their