with water, but to a very slight extent, not nearly so much as the Pharmacopæia liquid extract. The bark he had used was fully up to the Pharmacopæia standard. After extraction by glycerine there was a trace of bitterness left in the bark, but it was very slight.

ALCOHOLIC SOLUTION OF SHELLAC.*

BY A. PELTZ.

The production of a clear alcoholic solution of shellac has been out subject of numerous experiments, but hitherto none has turned one part of shellac with six or seven parts of 70 per cent. alcohol, a solution is obtained which when warm is almost clear, but upon week. The plan of pouring sufficient alcohol over coarsely powder-alcohol after the lapse of eight or ten hours a liquor that does not ed, of boiling the alcoholic shellac solution with animal charcoal by the animal charcoal.

The object sought by the author was to obtain a clear alcoholic solution in a short time without much loss. Previous communications upon the substance occurring in shellac to the extent of five ed by some authors as wax and by others as a fat acid, suggested shellac therefore was boiled with water, from one to five per cent. of somewhat larger addition of the alkali caused the solution of the shellac.

The author next prepared a solution with one part of shellac six parts of 90 per cent, alcohol at the ordinary temperature, To this he added carbonate of magnesia to about half the weight of the shellac used and heated the mixture at 60° C. The solution so had not been added and filtered in less time; but it did not supply what was sought. When powdered chalk was substituted for magnesia, the solution after standing some hours became three-fourths only required a little alcohol to wash the filter, and a clear alcoholic

^ePharmaceutische Zeitschrift f. Russland, in Pharm. Jour. & Trans.