

its nervous excitability. Warmth is of aid in combating the affection whilst a cold draughty stable tends to lower the vitality.

The Eradication of Bracken.—We have taken some pains to find out if there was any bulletin or other information on this subject. The only bulletin we can find dealing with this matter is one written by H. R. Cox, of the United States Department of Agriculture, entitled, "Eradication of ferns from pasture lands in the Eastern United States" (Farmers' Bulletin, 687). He recommends methods which can be used in the Eastern States and says that the Department of Agriculture has not investigated the fern problem in the West. Various methods have been tried but the two that have given the best success are spraying with solutions of salt and cutting. Two treatments a year, either spraying or cutting, are advised. The best time to treat ferns is stated to be just before sporing, or about the middle of June and the middle of August. Cutting is somewhat cheaper than spraying. In the East with ferns at an average thickness in a pasture a man ought to cover about 2½ acres a day; in the West where the ferns grow much more vigorously the labour entailed would be greater. Probably the best method for the West would be a combination of cutting and choking out the fern with red clover, as a good stand of clover tends to weaken the fern. Since bracken has now been definitely proved to cause poisoning in horses, we would urge all farmers to make determined efforts to get rid of the plant and to keep all fodder containing it away from their horse stables, even in the shape of bedding.

Acknowledgments.—We beg to acknowledge the valuable information given by Drs. Tolmie and Derby, especially as regards statistics and treatment of the affection. To Dr. F. Torrance, Veterinary Director General, we owe thanks for his interest in our investigation.

References.—Chestnut, V. K.

1898. Preliminary catalogue of plants poisonous to stock. United States Department of Agriculture, B.A.I., 15th Annual Report, p. 398.

Hadwen, S., and Bruce, E. A.

1916. Preliminary communication before the B. C. Veterinary Association at Vancouver, B.C., December 6th, 1916.

Lander, G. D.

1912. Veterinary Toxicology, p. 272.

Pammel, L. H.

1911. Manual of Poisonous Plants, p. 317.

Pammel, L. H.

1917. American Journal of Veterinary Medicine, March, p.

indi
recei

poisc
simil
could
to th
putal
force
that
had l
was a
pastu
very 1
C
slowly
charac
attent
W
from t
except
at any