

9°.3 C. (15°.3 F.); of the Saxifrage, 14°.2 C. (6°.4 F.); and of the black Heliebore, 15°.8 C. (3°.6 F.); that is, when the temperature in the inner part of the above plants has fallen to the respective temperatures. Only a few of the examined seed-plants show a lower temperature; e.g. the pontine Rhododendron, 23°. C. (9°.4 F.); Ivy, 23°.3 C. (9°.9 F.); Holly (*Ilex aquifolium*), 24°. C. (11°.2 F.); and the Yew, 24°.9 C. (12°.8 F.). The mosses are killed between 14° and 19° C. (6°.80 to 2°.2 F.); the lower vasculiferous plants, which live in water, are not killed above 15°.5 C. (4°.1 F.); those living on land even not above 31° C. (23°.8 F.); and the one bacterium experimented upon by Rein required 47° C. (52°.6 F.) for killing it.

The above temperatures are somewhat affected by the temperature to which the plants have been subjected for some time beforehand. For instance, potatoes that have been at a temperature for some time between 0° to 1° C. (32° to 30°.2 F.) are frost-killed at 3°.08 C. (26°.4 F.), whereas potatoes that had been kept for four to seven weeks at 22°.5 C. (72°.5 F.) were killed at 2°.14 C. (28°.1 F.), that is at .94 C. (1°.7 F.) higher temperature. And this is the case too with other vegetable products.

CORRESPONDENCE.

The Editor, OTTAWA NATURALIST:

Mr. Macnamara's interesting article on "Poison Ivy" in the May Number has only just come under my notice. Poison Ivy (*Rhus Toxicodendron*) is common in our local bush. To educate people in its characteristics I sometimes pick it and have it in the house for a few days. Cases of dermatitis ascribed to Poison Ivy are fairly common every summer. Surely an important point is missed in all discussions on this subject by neglecting the main underlying cause of this, as of so many other skin inflammations. This cause is the blood condition induced by auto-intoxication, a term now well understood by the medical profession. This is not the place to go further into details, but I may say that in my eleven years of western experience I find the best treatment is the preventive measure which cleanses the intestinal canal thoroughly and which instructs the susceptible individual in a right dietary. My belief is that very few people are susceptible to Poison Ivy if they protect themselves in this way.

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