

articles. Shoe pegs are estimated to require in the United States an annual supply of 100,000 cords, whilst lasts and boot-trees require 500,000 more. Even the manufacture of tools consumes on this continent about half a million cords of the finest qualities of timber.

Vegetation is not distributed over the globe regardless of order. There is a regular series of changes from the tropics to the Arctic seas. Under the equator are the palms, bananas and plantains: in the tropical zones on either side are the fig-trees and ferns of tree-like growth; beyond the immediate tropics are included some of the vast sandy barrens or deserts of the warmer regions of Africa, Asia, and America, in which grow the succulent fig-marigolds and curious cacti; in higher latitudes are the countries of the orange, the pomegranate and the vine, with the zone of the pines, firs and other evergreens beyond, shading thence gradually through heathers and grasses, until at the base of the glaciers in polar lands vegetation is chiefly met with in the form of variously colored lichens mottling the bare rock. A series of changes precisely corresponding to this is met with on mountain sides. Vines are cultivated in the valleys at the base of the Alps; in the course of the ascent chestnuts, beech trees, firs and little downy Alpine plants become successively prevalent until at about 9000 feet the region of continuous snow begins. These successive changes in the vegetation are not inaptly likened to a series of belts of somewhat irregular breadth bound one above the other around the mountain sides.

Canada lies partly in the Arctic zone, characterized by an absence of trees, partly in a semi-Arctic zone of poplars and birches, and partly in two more temperate zones of pines and beech trees, whilst in the southern sections are a few of the characteristic trees of the Middle United States.

There are sixty-five species of trees in Ontario, Quebec and the Maritime Provinces. Of these, excepting perhaps one, all are found in Ontario, south of the Ottawa River and Georgian Bay, whilst probably a dozen range as far north as James Bay.

Not much is yet known of the range of our timber trees west of