51GNS OF THE VIGOR, MATURITY, AND DECAY IN charged with the horrible murders related of that poison? TREES.

with equal force.

Signs which indicate that the tree is mature. - Generally , come yellow in the autumn before those of vigorous the upper. The branches incline towards the horizon. and form angles sometimes of sixty or seventy degrees. These apparent signs, and the thinness of the layer deposited by the sap, indicate that the tree makes but small additions to itself, and now it should be cut The nature of the soil should be examined, as well as the kind of tree, to enable a judgment whether the tree should be left to increase still further, or whether it will be more proper to fell it. An exact age the flower harvest is not so early by several weeks as cannot be assigned for each species; but it has been ob- in the upper districts of that country, the practice of served that an elm, situated in an insulated plantation, may be felled with advantage, when between seventy

and eighty years of age.

Signs of decay in a Tree.—When a tree becomes crowned. (that is, when the upper branches die), it infallibly indicates, especially for isolated trees, that the central wood is undergoing alteration, and the tree passing to decay. When the bark separates from the wood. or when it is divided by separations which pass across it. the tree is in a considerable state of degradation. When the bark is loaded with moss. lichens, or fungi, or is having culled the perfumes of the orange flowers of the marked with black or red spots, these signs of alteration in the bark justify the suspicions of alteration in the of the Arabian jessamine, and a variety of flowers, are the bark, it is a sign that the tree will soon die. As to places from which they have been carried. wounds or gutterings, these defects may arise from local ductiveness of the flowers at each respective stage is causes, and are not necessarily the results of old age.— ascertained by the gradual descent of the boats in the Loudon's Magazine.

sin, where the thermometer not unfrequently sinks to 15° or 20° below zero, and where the fertility of the of the sweet apples appeared to be tender.

THE POISON PLANTS - "Ah, well may a shudder go through the frame as we hear the name of the next, the Tanghin, or Poison-tree of Madagascar! 'Can such a fair young tree,' we are tempted to exclaim, 'be govern others,

Surely no tale of death is told by these green leaves and Signs announcing the Vigor of a Tree.—The branches, not unattractive aspect? Go to the benighted islander, especially towards the top, are vigorous; the annual and pointing to its glossy foliage, listen to the recital of shoots strong and long; the leaves green, vigorous, and the accursed use to which this tree is turned which he thick, principally at the summit, and failing late in will tremblingly pour into the car. In the ordeal of the antumn; the bark is clear, fine, united, and nearly of the same color from the foot to the large branches. If at trial of an unfortunate wretch, accused, justly or untue bottom of the veins, or divisions of the thick bark, justly, of crime. The accused heard, the mock trial there appear smaller divisions, which follow from below concluded, the proof of innocence or guilt is to make the upwards, in the direction of the fibres, and live bark accused swallow a nut of the taughin tree, which is be observed at the bottom of these divisions, it is an in-managed by the direction and under the superintendence dication that the tree is very vigorous, and rapidly in- of the priests. If his stomach is in a condition to reject creasing in size. If some of the lower branches, stifled this hightful poison, he is pronounced in orent, and is by others, are yellow, languishing, and even dead, this is instantly released to receive the congratulation of his an accidental effect, and is no proof of the languor of triends on his fortunate escape. But it he be a man of the tree. Finally, it is a sign of vigor when branches stronger digestion, his stomach retaining the deadly subare seen at the summit of the tree, rising above the stance, the demonstration of his guilt is complete, and others, and being much longer; but it is to be observed, the convulsive death-struggles of the miserable man that all trees with round heads do not throw out branches conclude the evidence, to the satisfaction of the assembled multitude. It is a mounful truth, that the issue of the taughin ordeal is rather an inclination of the feeling the head of the tree is rounded; the shoots diminish in of the priests towards the accused than of his incocence length each year, and the farthest shoots add to the or guilt. It is easy to conjecture how this is managed, length of the branches only by the length of the bud; Well known to the wandering Indian is the shrub, of the priests towards the accused than of his incocence and the leaves are put forth only in the spring, and be- whose light green bark and delicate foliage make it conspicuous in attractiveness even here-the Mulioc-plant. trees, and at this time the lower leaves are greener than The specimen is from four to five feet high. the natural stature being eight feet; and little could the ignorant spectator imagine, from the innocence and luxuriance of its aspect, that in its vessels run a deadly poison, and in its cells lay locked at the same time the wholesome and excellent food we call cassava!"-Wanderings through the Conservatories at Kew.

FLOATING BEE-Houses .- In Lower Egypt, where transportation is carried on to a considerable extent. About the end of October, the hives, after being collected together from the different villages, and conveyed up the Nile, marked and numbered by the individuals to whom they belong, are heaped pyramidically upon the boats prepared to receive them, which, floating down the river, and stopping at certain stages of their passage, remain there a longer or shorter time, according to the produce which is afforded by the surrounding country. After travelling three months in this manner, the bees Said, the essence of roses of the Facium, the treasures wood within. When sap is seen to flow from clefts in brought back, about the beginning of February, to the The prowater, and which is probably noted by a scale of measurement. This industry produces for the Egyptians HARDINESS OF SWEET APPLE TREES .- In Wiscon- delicious honey and abundance of beeswax .- Dr. Beven.

THE BULLFINCH'S WEEDS .- The bullfinch, when soil induces a very rapid growth in summer, the tenderer caged and fed much on hemp-seed, is particularly liable fruit trees are often severely injured in winter. A cor- to become black. Many years ago, at Ederder y. near respondent of the Prairie Farmer states that sweet ap- Belfast, where a pair of bullfinches had been for some ples are, for the most part, more hardy than acid ones, time kept, the male died, and the f-male, whose grief and better adapted to very severe climates. Out of one for his loss was very evident, soon afterwards monited. hundred and fifty varieties, twenty-two were sweet ap- and assumed a full garb of black. Such being considered ples; of the latter, eleven proved themselves more hardy equivalent to the widow's "weeds," was looked upon as than any other eleven in the whole list, and only three almost supernatural; and more particularly so when, after a year of mourning, she, at moulting time, threw them partially off. and exhibited some white feathers in her wings .- Thompson's Natural History of Ireland.

It is more difficult to prevent being governed, than to