come woody, and your mignomette will no longer be an herbaceous plant, except at its upper extremities, which will bloom all the year, without interruption. It will be truly a tree-mignomette, living for an indefinite period --for with proper treatment, a tree-mignonette will live twelve to fifteen years.—Parlor Gardener.

The Black Knot.

The knots are now making their appearance on the plum and cherry trees, and require attention. Those who will make a careful examination of the excrescence will be able to find some marks upon them, sometimes crescent shaped, like the curculio mark upon the fruit. By a very careful dissection a minute white speek may be found in the middle of the concave portion of this crescent.— This is an egg of an insect. It is believed that the egg causes this excrescence, and we suppose so, because we know that this egg become a grub, and burrows in and feeds upon These grubs, if the substance of this knot. raised to maturity become beetles, so like the curculio that stings the fruit, as not to be distingaished from each other. Still they may be different. There are many different kinds of beetles that look much alike. The pea-bug and the beetle from the worm in the chestnut, both look much like the curculio, but differ greatly in their habits.

When we cut into one of the little balls found growing upon an oak leaf, and find there a full grown perfect fly, and no possible way it could have got there from without, we suppose that the parent of that fly, in some way or other, caused that ball to grow, and that it grew to afford protection and food for This is a natural supposition, and her young. is probably true, although it would be hard Acting upon such a theory as reto prove. gards the black knot, we should say cut them off as soon as they appear, and you destroy the embryo insect that would cause similar knots another year.

We have seen both plum and cherry trees about this city, and indeed almost wherever we travel, perfectly deformed with these excrescences, and permitted to stand year after year, mere nurseries for spreading this evil.

Many people carefully cut off these knots early in the spring, and it is well enough to do so even then, as it certainly removes a deformity, but it then avails nothing towards getting rid of the cause.

By careful watching and prompt cutting away during the early part of July, you may keep the enemy under your control, but by neglecting them for a year or two, valuable trees, or even orchards, will become worthless. —Newark Mercury.

Botanical.

Notes on the Coniferous Plants of Japa

BY JOHN C. VETCH.

There is probably no country in the wor of the same area which produces so great variety of conifers as the group of islands cor posing the empire of Japan. From Nagas' in the south to Hakodadi in the north, conife are everywhere abundant, acd in great variet Travellers have hitherto been eurobled to e plore but an exceedingly small portion of the uslands, and it seems more than probable the the numerous mountain ridges of the interir produce a great number of entirely new andyet undiscovered species.

The Japanese are great admirers of all ergreens, and much trouble is taken to cultivat The greater portion of the timber of them for building and for all ordius ry purposes is the of coniferous trees. The annual demand enormous throughout all parts of the enois and it is said that landowners are compelled, plant a certain number of forest trees yearly, i order to replenish the stock of the count-Conifers are employed very largely for gad Clipped hedges of the Crystor decoration. ia, Retinosposboras, Biotas, &c, are very ger ral, and scarcely a garden can be met with th does not contain specimens trained and enting grotesque forms. The main roads which int grotesque forms. sect this country are very generally plaoted. either side with rows of conifers. Pinus dea flora and Massoniana, Cryptomeria japonica, Thujopsis dolabrasa are the most common kit employed for this purpose. Trees thus plas. are very seldom cut down, and consequently to attain a great size, and form specimens of. utmost beauty.

Altogether conifers form the most useful. the most generally employed trees in Jap Most of the kinds which have been discora by travellers have now been introduced to E pean gardens, and there being every prosped the greater portion proving suficiently hady withstand our severest winters, it is confider hoped that ere long many of the beautifulspec which are at present found in Japan only. be distributed throughout our pleasure-grou and fiourish as luxuriantly as they do in t Subjoined is a list of the princi country. species which have come under my notice, eit. in a wild state or cultivated in gardens. Japanese names for the several species are gi as far as can be correctly ascertained.

Abies Alcocquiana: Torao nomi-A to tree, discovered in September, 1860, during. Alcock's trip to the sacred mountain of F yama, and named in honour of that gentles. It grows from 90 to 100 feet in height, at elevation of 6,000 to 7,000 feet. The time.

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