parators

b. American shipping points for s in peach boxes 50c and 55c per I would advise shippers holding ir prices of fall and winter stock, larly winter, and more especially ks are not heavy, pack and grad ghly. There is a disposition on art of some shippers to mark too high, especially in marking forgetting that fancy is practi perfection on all points, quality olor and pack, and this applier s as well as apples. The Dofruit inspector has no power tr ity to remark grade on boxes from hey are marked by shippers, but power to erase the grade if no mity with the act and brand marked. It will be well for our and shippers to bear this in d raise the standard of thei ther than lower, as we are cerstablishing an enviable reputa B. C. fruit at the present time these provinces and this repu-if sustained and advanced on our oducts will certainly create and demand for them and comhighest market prices. At time our shippers must not the competition they have to om the American Pacific Coast nd the efforts being put forth to reduce the cost of produc very way and their earnest ento grow and raise the stands fruit products by the latest and J. C. METCALFE.

C. MAN KILLED

cDade, Believed to Have Gone Moyie, Shot in New York

YORK, Sept. 30.-Struck by ired at close range, evidently hard struggle with his assailman believed to be John Mcwesterner, believed to be from B. C., and in touch with minrests of the Pacific coast stagof a house on Fifth avenue tothe arms of a policeman. The of the shooting died as he was tken to a hospital.

ry surrounds the circum of the crime. The police, how ested James Hickey, said by e known as "Kid Seer," wh nd nearby wearing what the lieve to be the hat of the earing the label of a maker in

ers showing him to have had with the Western Federa-Miners, and to have traveled ely on the Coast from Seattle ngeles. "Moyie Miners' Union was an inscription on a card his pocket. Robbery ave been the motive for the

## MORE GAMBLING

Time in Fifty Years Gaming se Doors Are Closed in Nevada

ON CITY, Nev., Sept. 30 .- For times in 50 years, the doors ambling houses in this city barred by the law. Under action of the legislature of gambling in this State was on and after October 1 traditions, influence, argupolicies, the law stands and ugh another day of grace rethem, the wheels that have since the days made famous Harte and Mark Twain ,re-, and the faro tables have ed where they will gather the

tion rendered by Attorney-stoddard today places whist, hist, five hundred, solo, freg her card games played for operty or the reprinter the ban.

ouver Appointment A, Sept. 30.—The following nt is gazetted: J. J. Bottger, pping master, Vancouver.

e & Mann Enterprise. N, Ont., Sept. 30.It is stat-t is considered "the best of that Mackenzie & Mann s steps to secure control of in & Lake Erie Traction

arliament Session. Sept. 30.—Owing to Mr. ess and lack of prepara

he part of the governmered likely that Parlian summoned until after the olidays.

s Missionary Society A, Sept. 30.—The financial the general board of the disionary Society of Can-ted by Mrs. Vance, Toronto, Amount of cash on hand total receipts for year, total expenditure, \$112,-sum of \$40,454.09 was panese work, \$21,033.41 on k, and \$14,410.64 for work

## RURAL

THE GARDEN

Among the most popular flowering plants of garden and greenhouse, the heliotrope, or "cherry pie," occupies a position quite unique, because of its fragrance—a fragrance which delights young and old, rich and poor alike. As "good wine needs no bush," so is it unnecessary to further enlarge upon the sary to further enlarge upon the merits of a plant known to and beloved of all; one, moreover, that each year in summer-time is bedded out in public and private gardens alike by its thousands, and duly appreciated so long as a vestige of its fragrant flow-

ers remain. It is not, however, of its value as a bedding plant that I now desire to refer, but to its beauty and utility as a winter-flowering subject, which the amenability of the plant and the skill of the gardener render possible. Not unnaturally, owing to the gloom and sunless character of our vinter-time, many plants refuse either to grow or flower, and many more, having eached to some degree of perfection, so far as their flowering is concerned, promptly shed their blos-soms or buds a day or two after any serious spell of fog. Happily the heliotrope is not one of those easily led astray at such a time. And while its flowers are by no means improved by the poisonous nature of the fog by which it has been surrounded, and suffer in color as all flowers do, the plant is still capable of much useful service if rightly treated. The primary details of culture to follow in times of fog is to keep the plants on what the gardener terms the dry side," by which is neant that no more water s afforded to the roots of the plant than is consistent with its safety. Thus treatd, the smaller root fibres, the "workers" in the case, are maintained in a healthy,

active state; and the plants
occupying a position of light and warmth on a
shelf near the glass liberally respond to the
approved methods and intelligent care of the
gardener. Should the plants at such time exhibit symptoms of declining vigor, occasional
applications of soot water and guano water afforded at alternate waterings will usually produce a more healthy tone. The plant dislikes tmospheric moisture in winter, hence a rather dry atmospheric condition should prevail, the temperature of the house being maintained as near as possible at about 55 degrees. At the present time the most important work for the gardener is the preparation of suitable plants, pot-grown examples being decidedly the best. An essential item is that the plants be young, preferably unflowered, and of a few months old. Late spring cuttings are admirable for the purpose, and when grown on steadily in the open or in frames during summer, according as the weather permits, make compact plants for flowering during the winter season. Firm potting is absolutely necessary, and plants that have been "pinched" or "stopped" several times make very compact bushes. A less early owering is the result of planting out in conservatory or greenhouse, the soil area being restricted. For this purpose a sunny back wall in lean-to structure is the best. The housing of the plants must receive early attention. French and other gardeners have vastly improved this race of plants during recent years, larger individual blossoms and finer heads of bloom resulting, without impairing that fine attribute, fragrance. President Garfield and White Lady are the best of the old dark and light flowered varieties, whilst Plume de Paon and Reverie respectively represent the same shads in the most recent introductions of these plants.

Gardenia radicans is a well-known and much-favored greenhouse shrub; it is a native of China, and over a century ago since it was first grown in England. It has scarcely a compeer in fragrance or beauty; in its native country, too, it is highly prized. The Japanese form edges of it, and ornament their houses and the walks of their gardens with this and other species of gardenia. G. radicans is largely grown for market purposes owing to the ease with which it may be multiplied and its dwarf, free-blooming propensities. This variety is also a good one for growing in the greenhouse of an amateur. Although most of the species are treated as stove plants, most of the best may be successfully managed in a small greenhouse. At the same time a little moist heat is advantageous for bringing them into bloom, and again for promoting new growth when flowering time is over. To grow gardenias well, it is essential that they should be kept free from insects of any kind. Mealy bug is particularly partial to them, and is generally found in a white fluffy mass at the joints. It can be got rid of by persistency in touching the affected parts with a feather dipped in paraffin. A difficulty is sometimes experienced in the blooming of gardenias, especially the green-house kinds; some may not produce any flower-buds at all, and others may bring a sufficiency of buds, but they fall prematurely, much to the disappointment of their owners. In trac-ing the cause of this premature fall of the flower-buds it must be remembered that the

plants in a state of nature inhabit a part of the globe where the seasonal changes are great, and consequently the seasonal growth of plants equally marked. It is the greater humidity of our climate that prevents us from acclimatizing all the plants of those countries. The plant when placed under glass is subject to one undeviating atmosphere, the temperature of which is kept as nearly the same as possible, and, through a mistaken kindness, supplied with water just as regularly. This is clearly the opposite of the plant in its natural state, for then during the supposite it has the state, for then during the summer it has the



Heliotrope

full influence of the sun, with the benefit of free air; and in winter its annual covering of snow, just sufficient to protect it from the effects of frost, and which yields but very little humidity until it becomes thawed, and the power of the sun which supplies the plant with moisture by dissolving the snow acts immediately upon its energies by throwing it into a growth as luxuriant as it is sudden

In the autumn, therefore, let the supply of water be gradually but certainly diminished giving at last only just sufficient to keep the earth in the pots together; this should be continued from October to March; then let the plants be placed in gentle heat-that is, in a temperature about 55 degrees-and from this good bloom will result. If potted properly in the first instance they may be flowered twice without a change, the season for repotting being after the plants have done flowering and been trimmed into shape by removing only shoots that have gone too much ahead. For a compost in which to grow them a mixture of equal parts peat and loam is preferable, or loam and old leaf mould. After shading for a few days until they are re-established, they should have all the sun they can get to ripen the wood, giving them plenty of water while growing. By the end of September they should be removed into the house, and the autumn treatment repeated. All may be propagated by cuttings taken off in late summer and autumn, planted in pots of sand and peat, and plunged in a gentle bottom heat, covering with a bell glass; they strike readily, though some care is necessary to keep the glasses dry, and they should be wiped inside each day.— Donald McDonald, F.L.S.

## NEW DESTRUCTIVE INSECT AND PEST ACT FOR THE DOMINION

C. Gordon Hewitt, Dominion Entomologist Ottawa

The following is the text of the new Destructive Insects and Pests Act and the regulations issued in connection with the same. By the passing of this Act the San Jose Scale Act is repealed. It will be seen that the new Act and regulations are of a wider character and of a far greater protective value to the fruit grower and nurseryman. The fumigation regulations instituted under the Act have been incorporated in the new regulations, with certain alterations. Under the new fumigation regulations conifers will be fumigated. It is apped that this will help in preventing the introduction of several species of woolly plant lice which infest nursery stock, and which are carried in the same.

In addition to the fumigation regulations,

provision is made now for: r. The inspection at the point of destination of European nursery stock (which is still exempt from fumigation) and such other stock as it may be deemed necessary to inspect.

2. The destruction of infested stock and

packages, etc., containing the same and com-pensation for such matter as may be detroyed. 3. The inspection of orchards and nurseries

and the treatment of infested vegetation. 4. The prohibition of the disposal in any

way of vegetation infested with insects scheduled under the Act. 5. The notification of the presence of any

the insects, pests or diseases. In view of the increasing amount of nursery stock imported through the port of Niagara Falls, the importation season for that port has been extended and stock may now be imported

between October 1st and May 1st. The attention of importers of nursery stock is called particularly to the regulation under which notification must be given of the impor-tation of nursery stock. All nursery stock, including European and such stock as is exempt from fumigation may be imported only during the periods specified under Regulation 3.

Provisions of the Act

An Act to prevent the introduction or spreading of insects, pests and diseases des-

tructive to vegetation (Note.-In what follows, certain formal and unimportant clauses have been omitted. The number of each clause or regulation is the same as in the Act.-Editor.)

1. This Act may be cited as The Destructive Insects and Pests' Act.

3. The Governor-in-Council may make such regulations as are deemed expedient to prevent the introduction or admission into Canada, or the spreading therein, of any insect, pest or disease destructive to vegetation. 4. Such regulations may provide—

(a) for the prohibition generally or from any particular country or place, of the introduction or admission into Canada of any insect, pest or disease destructive to vegetation.

(b) the terms or conditions upon, and the places at which any such vegetable or other matter may be introduced or admitted into Canada.

(c) for the treatment and manner of treatment to be given to any vegetation, vegetable matter or premises in order to prevent the spreading of any such insect, pest or disease, and may prescribe whether such treatment shall be given by the owner or by a person

appointed for that purpose.

(d) for the destruction of any crop, tree, bush, or other vegetable matter or vegetation, or containers thereof, infested with or suspected to be infested with any such insect, pest or disease.

(e) for the granting of compensation for any such crop, tree, bush, or other vegetation, or containers thereof so destroyed, such compensation not to exceed two-thirds of the value of the matter destroyed and to be granted only by the Governor-in-Collncil upon the recom-mendation of the minister.

(f) for the prohibition of the sale of any vegetable matter infected with any such insect, pest or disease.

(g) that the occupier of the premises on which is discovered any such insect, pest or disease shall forthwith notify the minister of agriculture and shall send specimens of such insect, pest or disease it.

(h) for the confiscation of any vegetable matter and the container thereof, if any, in respect of which a breach of this Act or any regulation made thereunder, is committed, and generally for any other purpose which may be deemed expedient for carrying out this Act, enumerated in this section or not.

5. The minister may appoint inspectors or other officers for carrying out this Act and the regulations made thereunder.



A Pretty Scene in Miss Jekyll's Garden

6 Any inspector or other officer so appointed may enter any place or premises in which he has reason to believe there exists any such insect pest or disease and may take speci-

SUBURBAN~

7. The minister, upon the report of any in-spector setting forth a reasonable belief of the existence of any such insect, pest or disease in any area defined in such report, may prohibit the removal from such area or the movement therein of any vegetation or other matter which, in his opinion is likely to result in the spread of such insect, pest or disease.

8. Every person who contravenes any provision of this Act or any regulation made thereunder, shall be liable, upon summary conviction, to a fine not exceeding \$100, or to imprisonment for a term of not exceeding six months, or to both fine and imprisonment. Any vegetable or other matter imported or brought into Canada contrary to this Act, or to any regulation made thereunder, shall be forfeited to the Crown.

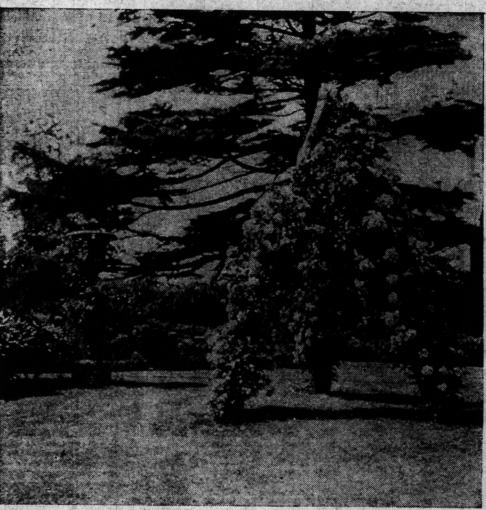
9. The San Jose Scale Act is repealed. Regulations Under the Foregoing Act

1. "Inspector" means a person appointed

mens thereof and also of any vegetable matter imported vegetation or vegetable matter as the infested or suspected of being infested thereminister may determine, entering Canada may be allowed to proceed tand shall be inspected at the point of destination, but must not be unpacked except in the presence of an inspector.

7. If, on inspection, nursery stock or other vegetation or vegetable matter is found to be infested with any of the insects, pests or diseases hereinafter specified, it shall be destroyed to the extent deemed necessary by the inspector and in his presence. All cases, packages and packing in which such stock has been contained shall also be destroyed in the same man-

8. Any inspector entering lands, nursery or other premises where there is reason to believe that any of the insect, pests or diseases hereinafter specified are or may be present, shall give instructions for the treatment or destruction of any tree, bush, crop, or other vegetation of vegetable matter or the containers thereof, which may be found or suspected to be infested with any of the insects, pests or diseases here. inafter specified, and such instructions shall be for carrying out the provisions of the Destruc- carried out by the owner or the lessee of the



A Tripod of Blush Rambler Roses at Garston Park, Godstone, the Residence of S. Boulter

tive Insects and Pests' Act and the regula-

tions made thereunder. 2. No tree, plant or other vegetation or vegetable matter infested with any of the insects, pests or diseases to which this Act applies shall be imported into Canada except as hereinafter provided.

3. Nursery stock, including trees, shrubs, plants, vines, grafts, scions, cuttings, or buds entering Canada shall be imported only through the ports and during the periods respectively hereinafter mentioned, that is to

Vancouver, B.C. and Niagara Falls, Ont .-From October 1st to May 1st. Winnipeg, Man., and St. John, N.B.—From March 15th to May 15th, and from September 26th to December 7th.

At these points of entry the importations shall be fumigated in the fumigation houses provided for that purpose, and a certificate of fumigation will be issued, without which no stock may be taken out of bond. Importations by mail shall be subject to the same regula-

Provided, however, that the following vegetation shall be exempt from fumigation: (a) Greenhouse plants, with the exception

of roses and other woody plants. (b) Herbaceous perennials (the stems of which die down in winter) such as perennial phlox, peonies, sunflowers, etc.

(c) Herbaceous bedding plants (such as geraniums, verbenas, pansies, etc.). (d) Bulbs and tubers (such as hyacinths, ilies, narcissi and other true bulbs, and also the tubers of dahlias, irises, etc.).

(e) Nursery stock originating in Europe Cottonwood or necklace poplar (Populus leltoides) when shipped from and grown in Dakota or Minnesota, two of the United States of America, may be admitted at the customs ports of Brandon or Winnipeg, Man., and with-

out fumigation. 4. The port by which it is intended that the nursery stock shall enter shall be clearly stated on each package, and all shipments made in accordance with these regulations will be entirely at the risk of the shippers or consignees, the government assuming no responsibility

5. All persons importing nursery stock into Canada shall give notice to the minister within five days of despatching the order for the same and they shall again notify the minister on the arrival of the shipment in Canada

6. European nursery stock, and such other

infected or suspected vegetation, vegetable matter or containers thereof, and such remedial treatment shall be carried out and continued until the insect, pest or disease shall be deemed by the inspector to have been exterminated.

9. Compensation not exceeding two-thirds of the value assessed by the inspector, of the vegetation or vegetable matter or containers thereof, destroyed by the instructions of an inspector, shall be granted by the Governor-in-Council upon the recommendation of the min-

10. It shall be illegal to sell, offer for sale or in any way dispose of or receive any trees, shrubs, or other plants, vegetable matter or portions of the same, if the same are infested with any of the diseases hereinafter specified.

11. The owner, occupier or lessee of any premises or place where any of the insects, pests or diseases specified herein shall be found, shall immediately notify the minister and shall also send to him specimens of such insects, pests or diseases.

12. The destructive insects, pests and diseases to which the said Act shall apply include

The San Jose Scale (Aspidiotus pernici-The Brown-Tail Moth (Euproctis chry-

The Woolly Aphis (Schozoneura lanigera). The West Indian Peach Scale (Aulacaspia pentagona).

The Gypsy Moth (Porthetria dispar). Potato Canker (Chrysophlyctis endobio-

Parasitic diseases affecting potatoes externally or internally. Branch or Stem Canker (Nectria ditissima). Gooseberry Mildew (Sphaerotheca nors-

White Pine Blister Rust (Peridermum

13 The importation of potatoes into Canada from Newfoundland or the islands of St. Pierre or Miquelon is prohibited.

14. The minister may, upon special request to that effect, authorize the importation into Canada of any insect, pest or disease herein specified, but for scientific purposes only. 15. The regulations made under the San Jose Scale Act are repealed.

First silk manufactured in the United States, Mansfield, Connecticut, 1829.