THE PEAR THRIPS

(By Dudley Moulton of the Department of Agriculture, engaged in Deciduous Fruit Insect Investigations.)

Introduction.

sults of an investigation of the life sucks in the plant juices. Larvae feed history, habits, natural enemies, and in a similar way, having similarly methods of control of the pear thrips Relation of the Budding and Blos-(Eutalips pyri Daniel), a pest of decidnous fruit trees in the San Francisco bay reginon of California, The investigation was under'aken at the rive on the trees in late February request of the Santa Clara county and early March, the period of early burglar is dead in my yard," said cause of any moral issue, but for the board of supervisors, who furnished opening buds and first blossoms; they Mrs. Dora Geitman to two policemen purpose of preventing the annihilathe funds and liberally granted nec- are common in March and April, the today who had been summoned to tion of the fish. essary facilities for a thorough and two months of bloom and early leaf, her third-floor apartment by her scientific study, and was carried out and are all gone from the trees by cries for help. In the Santa Clara valley, where the the middle of May. Only a few adults Investigation extended through a pe- and most larvae have reached full him down. He arose and grappled caught in Taku inlet, where the salary, 1904, to April 1905.

er as an introduction for future work coincide with the budding, blooming than as a completed account, and it is and early leaf periods of the host intended especially for the fruit grow- trees, er, that he may understand the nature | The difference in bud formation of the insect and its injury. The and progress of development of vamarm felt for the safety of the de- rious deciduous trees influence to a cideous fruit industry, which the pear large extent the manner of injury thrips caused during 1904 and 1905, which thrips inflict. Trees may be In the light of our present knowledge divided for the sake of convenience meed not again be experienced, and, in regard to the bud structure into although no effective means of con- two groups, namely: (1) Those in trol are yet offered, a knowledge of which a single fruit bud produces the life habits should do much to one blossom, such as the almond, clear away the uncertainty usually apricot and peach; and (2) those in following the first appearance of a which a single fruit bud opens out destructive pest in any locality.

Nature and Extent of Injury. sult of the feeding and ovipositing of the thrips.

Description of the Mouth Parts. from the lower posterior side of the follows: bead and have the appearance of an heverted cone. The mouth opening is ary; apricots and peaches, early in in the small distal end, and through March. It the stylets or piercing organs are Group 2-Prunes, middle and last projected when the insect is feeding. of March; cherries and pears, early The rim at the tip is armed with sev- in April. eral strong, c'itinous points, which Thehe periods vary from year to figure prominertly in tearing open year and the varieties of each fruit the plant tissues. The insect first also vary to a large degree, but the pierces the plant epidermis with the general order of blooming is suggesstylets, then, moving the cone tip tive. Opening buds precede full backward and forward, it enlarges bloom by eight or ten days. the opening and lacerates the plant

PLOT TO SLAY

MADRID, May 26 .- The revelation

of a formidable plot to assassinate

King Alfonso and Queen Victoria of

Spain caused the doubling of the

king's bodyguard today. The death

of Callemayor by his own hand, af-

ter the premature explosion of a

bomb, is reported by the police and

is regretted, as they believe it pre-

vents them from learning the identity

of persons now engaged in further

police ransacked his rooms and gath-

ered evidence showing that plans to

kill King Alfonso are still under way.

The evidence threw no light upon the

identity of the persons engaged in the

MAY'S LANDING, N. J., May 26. A duplicate of the pier railing at Atlantic City, where Miss Jane Adams lost her life while in the company of William Seyler, charged with

her murder, was set up in the courtroom here today by the defense. Seyler's attorneys contended that

Miss Adams stumbled over the lower rail and plunged into the ocean be-

fore Seyler could go to her assistance. The prosecution alleges that Seyler struck the girl, causing her to

"CUCHARA JUNCTION, Colo., May 26.-Eighteen persons were injured

when two coaches of a Rio Grande

train were derailed near here yester-

day. A broken rail is believed to have caused the derailment. No one

WE WANT ONE-THIRD OF THE PEOPLE OF MED-FORD TO TRY RARDON'S

PEERLESS BREAD. THE OTHER TWO-THIRDS ARE ALREADY USING IT.

RIO GRANDE WRECK

SHOWN IN TRIAL

Following Callemayor's suicide, the

plots to kill the Spanish rulers.

DUPLICATE PIER IS

fall to her death.

EIGHTEEN INJURED IN

sustained serious injury.

tissue by means of the barbed snout. It then pushes the tip of the mouth This paper brings together the re- cone into the puncture thus made and constructed mouth parts.

> soming of Trees to the Feeding Habits of Thrips.

The dark brown adult thrips ar-The writer offers this paper rath- active feeding stages of the thrips bed up a rolling pin and hit him on range for their release under bonds

tot form a cluster of blossoms which later produces a cluster of fruits, as Injury to plants is the direct re- the prune, enerry, pear and apple.

The relative blooming periods of the several varieties of fruit on which thrips inflict injury, as found in the The mouth parts of thrips project Santa Clara valley, may be noted as

Group 1-Almonds, late in Febru-

(To Be Continued.)

ROLLING PIN

Woman Strikes Burglar Over Head ments. With Cuspidor, Then Knocks Him Through Window With Rolling Pin -He Is Picked Up Dead.

"A man entered my room and I are in the federal jail here today, un thrips seemed to be at its worst. The can be found after the first of May, threw a cuspider at him, knocking able to give bail. The men were ried of fifteen months, from Febru- growth by this time and have gone with me. We struggled until we mon run is now heavy. It is probinto the ground. Thus it is that the reached the kitchen. There I grab. able that the cannery-owners will ar-

the head. He fell through a window, taking the glass with him.'

The policemen descended and found the dead body of Lewis Glatch, long suspected as a lead rof east side thieves. Glatch wore "sneaks' and in his pockets were found jewels taken from the Geitman apart-

Mrs. Geitman was not arrested.

ALASKA FISHERMEN **BROKE BLUE LAWS**

JUNEAU, Alaska, May 26 .- Fishing for salmon on Sunday is prohib-NEW YORK, May 26 .- "I think a ited by Uncle Sam in Alaska, not be-

Eight fishermen, who took Uncle Sam's Sunday "blue law" as a joke

COOK YOUR

BEEFSTEAK IN A CASSEROLE

erole

Receipt

Into a nice round steak pound all the white flour it will absorb. Season with pepper, salt and a bit of onion if liked. Cut in pieces suitable for serving. Place in a warm casserole. Make a rich gravy from drippings and pour over the steak. Cover closely and set in a moderate oven for one and a half hours. Serve hot in casserole.

BUY THE CASSEROLE AND STEAK OF

Warner, Wortman & Gore

GROCERY PHONE 286.

MARKET PHONE 281.

STOMACH MISERY FOR OVER SIX YEARS

Think of it! After six years of sour stomach, of gas eructations, of nervousness, during which time every his siomac's like a lump fect health by Mi-o-na stomach tab-

Read what Mr. Hoffman, landlord etc., as compou ded in the Chicago "I suffered misery and intense pains from stomach trouble for over six years, and all the doctoring that I did or medicine I used were of no avail until about two years ago when I used a treatz ent of Mi-o-na. The first few days' trentment helped me greatly and upon using it a while I was made entirely free from any stom ach trouble or complaint whatever. Since the cure by Mi-o-na I have regained my weight, I eat and sleep well, am never nervous, and my entire general health is much better." -Max M. Hoffman, Webster, N. Y.,

Aug. 2, 1909. Mi-o-na relieves stomach distress in five minutes. It acts like magic. It is guaranteed to cure sour stomach, gas eructations, heartburn, dizziness, billousness and zervousness, or money back. For sale by druggists everywhere and by Chas, Strang, for 50

We handle the famous Singer Sewing Machines, than which no better has ever been put on the market. If you want a machine that will do a lifetime of satisfactory work and generally without a moment spent

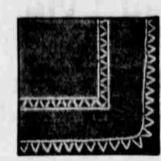
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Why not take up that old rug and substitute one of our beautiful and durable designs



A complete new line. Positively the latest effects. With our large assortment we can suit your needs and your purse.

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CAMBRIDGE BESTOWS DEGREE ON ROOSEVELT

C▲MBRIDGE, England, May 26.-An honorary degree of doctor of laws was conferred upon Theodore Roosevelt by the University of Cambridge today. The students of the university called upon the colonel to address them.

Rockefeller Succeeds Harriman.

SCHOOL BONDS, DIST NO. 49, JACKSON COUNTY, ORE. Bids will be received up to June 1,

1910, at the hour of 2 o'clock p. m. for a speech, but Roosevelt refused of said day, by Jas. M. Cronemiller, treasurer of Jackson County, Oregon, thousand dollars), coupor bonds, of Pacific and Eastern Railway will be NEW YORK, May 26 .- William G. \$1,000.00 denomination, to be issued held at the office of the company, Rockefeller today assumed his duties by School District No. 49. of Jack- in Medford, Oregon, on Monday, June on the board of directors of the Pa- son County, Oregon, payable in twen- 6, 1910, at 10 o'clock a. m. cific Mail Steamship company in the ty years, ten years' optional, bearing By order of the President. place made vacant by the death of 5 per cent intrest per annum, interest payable semi-annually. Bids to

Want to find a stenographer to be accompanied by certified check, 5 whom your work will always seem per cent of the amount of the bid. the most important? Want-advertise. The board of directors of said school district No. 49 reserve the right to NOTICE OF SALE OF \$50,000.00 reject any and all bids.

JAS. M. CRONEMILLER. Treasurer of Jackson County, Oregon. Dated this 5th day of May, 1916.

NOTICE TO STOCKHOLDERS.

Notice is hereby given that the for the purchase of \$50,000.00 (fifty annual meeting of stockholders of the

G. P. HUMPHREY.

Secretary.

KING ALFONSO Evidence Found Proves Existence of Conspiracy to Slaughter Ruler and Consort—Guards Doubled About

in repairs, buy a Singer.

We also handle Groceries, Teas, offee, China, Glass and

Allin & Allin

132 WEST MAIN STREET. PHONE MAIN 2691.

The Pasadena of Oregon

People of refinement; people with means; retired business men; professional men; college and university graduates, are coming to the Rogue River Valley by the score. Within the past two years almost a hundred Chicago and Evanston, Illinois, people have purchased homes near Medofrd, and nearly every one of them has a friend or two whom they hope to induce to come and locate in the valley.

New York, Philadelphia, Boston and many other eastern cities are almost if not quite as well represented, while St. Paul and Minneapolis have more representatives here than any other several cities combined.

Think these statements over and get your thinker going. Write to the undersigned or the Medford Commercial Club for detailed informtaion about the country, and you will never have cause to regret it.

Bearing Orchards Near Medford

Most of the producing orchards have been held in large holdings until recently. I few weeks ago the Eden Valley Orchard, containing 605 acres, was placed on the market in any desired acreage. We have been authorized to offer the bearing apples and pears for sale, and if you know anything about the country and want a desirable block of bearing trees, write or come soon. During the past week over \$150,000 worth of the property has been disposed of. It is located within two miles of Medford of an elevation of about 100 feet above the situation and the last beat the secondly. at an elevation of about 100 feet above the city and is one of the best kept orchards in the world. Parts of the orchard offered for sale have paid the owner over \$600 per acre per year for four years straight.

Do not come unless you are prepared to stay, for just so sure as you do come the combination of fat soil, grandeur of scenic beauty and Italian climate will steal you, body and soul. After one visit here you will be miscrable any other place on earth.

John D. Olwell

EXHIBIT BUILDING

The Famous McCormick Mowers & Rakes

McCormick harvesting machines enable the farmer to harvest his crops quickly, thus allowing the cultivation of a larger area each year. We have just unloaded TWO CARS OF McCORMICK NEW NO. MOWERS AND NEW BIG 4 MOWERS AND SELF DUMP HAY

THE NEW NO. 4 MOWER as a grass cutter, has no equal; the number in use being more than any other similar machine. Symmetrial and substantial main frame, simple and powerful gears, light draft, etc., etc., make this a very desirable machine.

THE NEW BIG 4 MOWER is a wonder. Come and see these mowers and rakes and we will sell you one sure.

EAST MAIN ST., MEDFORD, OREGON.