THANKSGIVING

Turkeys, Geese, Ducks: ship us every one. Write and tell us what you have. We never charge commission. We are paying today as follows:
Live Chickens, 12c Block Pork 8 1-2c.
Veal to 150 pounds, 11c.
No commission. Address all shipments:
FRANK L. SMITH MEAT CO.
"Fighting the Beef Trust"
Portland, - - - Oregon

HOWARD E. BURTON — Assayer and Chemist, Leadville, Colorado. Specimen prices: Gold, Silver, Lead, $1. Gold, Silver, 50c; Gold, 50c; Zinc or Copper, $1. Mailing envelopes and full price list sent on application. Control and Umpire work solicited. Reference: Carbonate National Bank.

WANTED—At once, 2 men to learn to drive and repair automobiles.
HAWTHORNE GARAGE
445 Hawthorne Ave., Portland, Ore.

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Write for catalogues and literature. Developing and printing. Mail orders given prompt attention
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Machinery Second-Hand Machinery bought, sold and exchanged: engines, boilers, sawmills, etc. The J. E. Martin Co., 70 1st St., Portland. Send for Stock List and prices.

COLLECTIONS EVERYWHERE—No charge unless we get your money. Colton Adjustment Co., 410 Abington Bldg., 106½ Third St., Portland.

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You get the most thorough instructions in driving and practical work that can be produced, also lathe work, drill press and forging. Finely equipped machine shop and school room. Tuition fee $15 cash; $40 payments $10 per week.
BELMONT AUTO SCHOOL & GARAGE.
East 23d and Morrison, Portland, Or.

$1.00 Saved is one made, and you can save more than one dollar by buying your Hats direct from factory. We make them and sell them direct to you. Hats made to order, any shape, style and color. Hats cleaned and blocked. All work guaranteed. Prices very reasonable. Try us on your next hat.
ROYAL HAT WORKS
Mail orders promptly attended to. Main 8412. 223 First St., Portland

Skylights Tanks Gutters
Down Spouts Steel Ceiling
J. C. BAYER
204 Market Portland, Oregon
SEND FOR CATALOGUE.

Mexican
Mustang Liniment
FOR RHEUMATISM.
Mrs. Olive Huntington, Nortons, Ore., says: "I consider your Mexican Mustang Liniment the best of liniments. I have used it for different ailments and it always gave satisfactory results. It is especially good in cases of Inflammatory Rheumatism and all forms of lameness."
25c. 50c. $1 a bottle at Drug & Gen'l Stores

BE CURED
Rheumatism, Skin Diseases, Stomach and Lung Troubles
Cured permanently at small cost. NO FAKE. $1.00 trial package 25 cents. Address Lang's Mineral Wonder Co., 23 Main St., Portland, Ore.
557 Broadway, Oakland, Cal.
H. W. Lang & Son, May 17, 1911.
Portland, Ore.,
Gentlemen:—I must express my surprise and pleasure at the work of your Mineral Wonder in relation to myself. The package I received from your representative here, although used but for a few weeks, has wrought surprisingly pleasant results in my condition. As a kidney and bladder cleaner it is King.
Very respectfully,
W. R. THOMAS.

How to Get Well and Keep So.

DR. WO
The eminent Chinese doctor, treats with non-poisonous, non-injurious herbs and cures such diseases of the Throat, Heart, Liver, Lungs, Stomach, Kidneys, Asthma, Pneumonia, Consumption, Chronic Cough, Piles, Constipation, Dysentery, Nervousness, Dizziness, Neuralgia, Headache, Lumbago, Appendicitis, Rheumatism, Catarrh, Eczema, Etc.
CONSULTATION FREE
It is better to call than write, but those who are unable to come, send 4 cents in stamps and secure symptom blank. After carefully giving symptoms these wonderful health-giving herbs can be secured, which will put you on the road to recovery.
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Habits Positively Cured. Only authorized Keeley Institute in Oregon. Write for illustrated circular.
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Cures all blood humors, all eruptions, clears the complexion, creates an appetite, aids digestion, relieves that tired feeling, gives vigor and vim.
Get it today in usual liquid form or chocolated tablets called **Sarsatabs.**

Value of Cheerfulness.

Cheerfulness is a thing to be more profoundly grateful for than all that genius ever inspired or talent accomplished. Next best to spontaneous cheerfulness is deliberate, intended and persistent cheeriness which we can create, cultivate and so foster and cherish that after a few years the world will never suspect that it was not a hereditary gift.—Helen Hunt Jackson.

As She Saw the Notes.

When my daughter was 4 years old she sat gazing at the notes on a piece of music, when she suddenly looked up and said: "Mamma, here's a lot of little boys on a wire fence," and, looking down at it, said, after a moment's thought, "and some of 'em got hats on."—Exchange.

Do You Use Eye Salve?
Apply only from Aseptic Tubes to Prevent Infection. Murine Eye Salve In Tubes—New Size 25c. Murine Eye Liquid 25c-50c. Eye Books in each Pkg.

Ill-Fitting Shoes to Blame.

The cause of many broken insteps comes from imperfectly fitted shoes. When fitting, if there is too much space left in the toe of the shoe there is no doubt about it that as soon as the shoe is worn for a short time the heel will begin to chafe and cause the wearer much annoyance that could be well dispensed with, if the clerk is given enough time to fit the foot right. The ball of the foot should be at the curve of the sole.

Care of Shoes.

Evening shoes should be wrapped in tissue paper, and white shoes will turn yellow unless incased in blue paper. On most light shoe leather a spot or stain can be washed off, but where this is impossible or the shoe is too badly soiled it is better to dye it a darker color or black. Various shoe dyes can be purchased and with a renewal of color now and then you have practically provided for yourself a new pair of shoes.

DON'T BUY WATER.
When you buy bluing for your laundry work, get RED CROSS BALL BLUE. A pure solid ball of blue, not a bottle of colored water.
Used in thousands of homes for 20 years. Makes clothes pure white. Price, 10 cents. AT ALL GROCERS.

Ordered Modest Inscription.

Wesley ordered that this inscription, if any, should be placed upon his tombstone: "Here lieth the body of John Wesley, a brand plucked out of the burning, who died of consumption in the fifty-first year of his age, and leaving, after his debts are paid, ten pounds behind him; praying, God be merciful to me an unprofitable servant."

One Solace Left.

The president of an eastern college is authority for the statement that the average salary of college professors throughout this country is less than the average wages of the drivers of ice wagons. It is to be hoped that the privilege of mentioning one's compensation as "salary" instead of "wages" is adequate solace to the pedagogic mind.

Post of Honor.

When vice prevails and impious men bear sway, the post of honor is the private station.—Addison.

Coolness in Extremity.

"Do you think he would be cool in time of danger?" "I think his feet would."—Houston Post.

OESCH'S
CRYSTALIZED LINIMENT.
FOR RHEUMATISM, NEURALGIA, SPRAINS, BRUISES OR ANY PAIN.
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BLUMAUER-FRANK DRUG CO.
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$2.50, $3.00, $3.50 & $4.00 SHOES
Men and Women wear W.L.Douglas shoes because they are the best shoes produced in this country for the price. Insist upon having them. Take no other make.
THE STANDARD OF QUALITY
FOR OVER 30 YEARS
The assurance that goes with an established reputation is your assurance in buying W. L. Douglas shoes.
If I could take you into my large factories at Brockton, Mass., and show you how carefully W.L.Douglas shoes are made, you would then understand why they are warranted to hold their shape, fit better and wear longer than any other make for the price
CAUTION The genuine have W. L. Douglas name and price stamped on bottom

If you cannot obtain W. L. Douglas shoes in your town, write for catalog. Shoes sent direct from factory to wearer, all charges prepaid. W.L. DOUGLAS, 145 Spark St., Brockton, Mass.
ONE PAIR of my BOYS' $2, $2.50 or $3.00 SHOES will positively outwear TWO PAIRS of ordinary boys' shoes
Fast Color Eyelets Used Exclusively

FARM AND ORCHARD

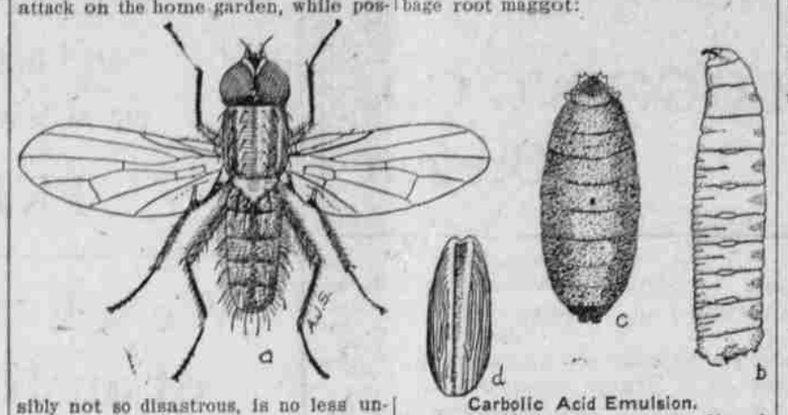
Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions

THE CABBAGE AND RADISH MAGGOT.

(Pegomyia brassicae—Bauche.)

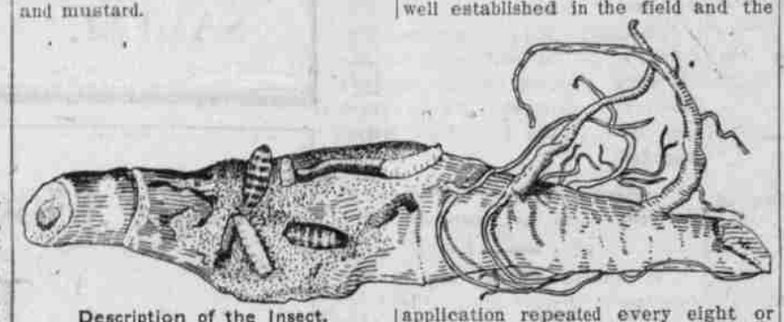
By A. L. Lovett, Assistant Entomologist, Oregon Agricultural College.

Oregon Agricultural College, Corvallis.—Throughout the State of Oregon, wherever cabbage and radishes are produced, the cabbage and radish root maggot (pegomyia brassicae) is recognized as a serious pest. Especially is this true in the truck crop regions where these crops are grown over considerable areas and for a period of years on the same soil. The attack on the home garden, while possibly not so disastrous, is no less unpleasant and the frequent inquiries received concerning this pest make it apparent that a satisfactory remedy is much to be desired.



Its Occurrence. The cabbage root maggot was introduced into this country from Europe early in the nineteenth century. It is now a common pest throughout the United States and Canada, wherever its host plants are grown.

Plants Attacked. In addition to the cabbage and radish, this insect feeds upon the turnip, cauliflower, kale, rape and a variety of closely allied cruciferae. It is also found abundant about the roots of the wild radish and mustard.



Description of the Insect.

The Larva. It is the larva of the cabbage maggot that proves injurious and it is this stage that is best known to the grower. This larva is a footless grub or maggot (see fig. 1b), waxy white or yellowish in color. The body is cylindrical, ending bluntly behind and tapering toward the cephalic end. When full grown it measures about .32 of an inch.

The Pupa. The pupal or resting stage of the cabbage maggot is passed in the soil about an infested plant. This consists of a small brown case some .2 of an inch in length (see fig. 1c), elliptical ovate in form.

The Adult. The adult insect emerging from this pupal case varies considerably from the maggot which destroys the crop. It is a true diptera or two-winged fly (see fig. 1), which to the casual observer appears not unlike the common housefly, though considerably smaller in size.

The Egg. The egg is really very small, measuring only .04 of an inch. It is white, however, and the keen observer may see them readily lying close to the stem of the plant.

Remedial Measures.

Possibly for no other group of insects will one find such a variety of remedial measures suggested as for the root maggots, nor more diverse results attending their application. It must be confessed that so far no really satisfactory remedy, applicable to all crops and under all conditions, has been devised. Insects working underground are especially difficult to reach with an insecticide, and many materials which have the ability to penetrate the soil must be rejected because of their injurious effect on the tender rootlets. As is true with all our insecticides, care in the preparation and thoroughness in the application will determine largely the degree of success attending the use of the following remedial measures for the control of the cabbage root maggot:

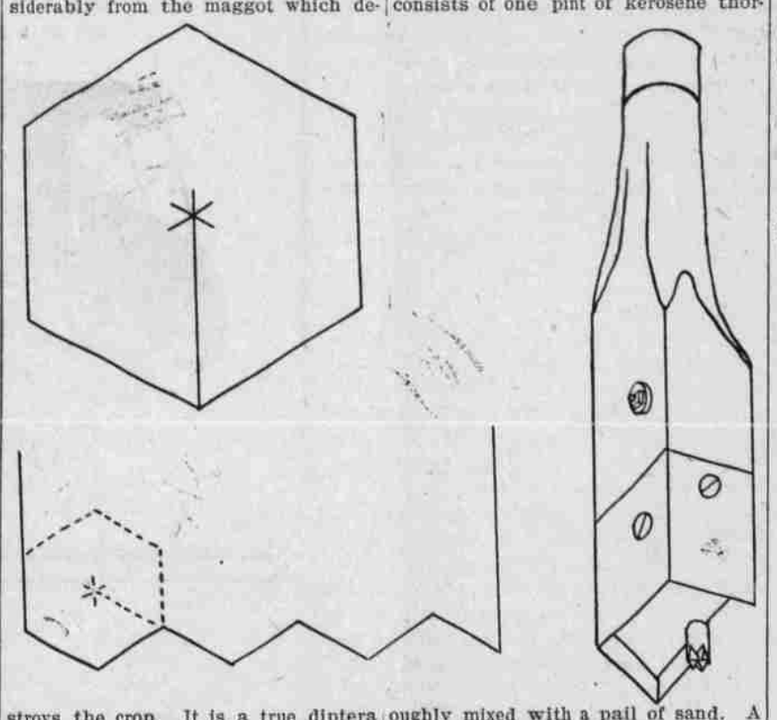
Carbolic Acid Emulsion.

Crude carbolic acid.....½ gal.
Soap (common laundry).....1 lb.
Water .....1 gal.

Dissolve soap in boiling water, remove from fire and add the acid. Agitate thoroughly by pumping the mixture back into itself. This constitutes the stock solution. Dilute for use by the addition of 35 to 50 gallons of water. In applying this remedy, draw back the soil from about the plant, exposing the roots, and drench each plant with about a half pint of the solution. Where a pump is used and the solution is applied with considerable force it will do more good. This remedy should be applied as soon as the plants are well established in the field and the application repeated every eight or ten days.

The Tarred Felt Discs. The tarred felt discs (see fig. 3) consist of a hexagonal disc of thin tarred roofing paper about two and one-half inches in diameter. They are cut with a slit running from one side to the center. These are for use only on the cabbage and cauliflower. The disc is slipped on the plant the day after it is set; pressed down closely about the stem at the surface of the soil. The object here is to prevent the fly from depositing eggs close by. These discs may be cheaply made and applied and where placed carefully offer practically complete immunity.

Kerosene and Sand. This mixture consists of one pint of kerosene thoroughly mixed with a pail of sand. A handful of this material is heaped about the plant as soon as it is established in the soil.



Other substances applied in the same way and offering a greater or less degree of immunity are slacked lime, sawdust and glue, tobacco dust, ashes, soot, etc. Rotation of crops is a very essential step, care being taken to plant some crop not subject to maggot attack on soil infested with this pest.

Lightning's Strange Freaks.

Lightning has imprinted pictures on tree trunks and dried leaves, and it is asserted that the silhouette of a man killed by lightning was fixed on a whitewashed wall near the spot where he was killed. What are the secrets of lightning by which it is able to do these things?

Busy Making Out Bills.

What has become of the round and robust kind of hotel manager who used to curl the ends of his mustache and wear a white vest all the year round?—Syracuse Post-Standard.

Lesson of Grief.

There are moods in which we court suffering, in the hope that there, at least, we shall find reality, strange peaks and edges of truth. But it turns out to be scene-painting and counterfeit. The only thing grief has taught me is to know how shallow it is.—Emerson.

Ancients' New War Bonnet.

The Ancients have decided to substitute for their helmet a cap of German pattern. A move for lightening equipment is general throughout the military world.—Boston Record.

When Beecher "Hollered."

Coming home from the morning service one Sunday Dr. Beecher threw himself on a lounge and said, in a tone of deep dejection: "I believe that was the worst sermon I ever preached." One of his daughters protested that she had seldom heard him when he was more energetic. "Oh, yes," was the impatient reply, "When I haven't anything to say I always holler."—The Outlook.

Life's Responsibilities.

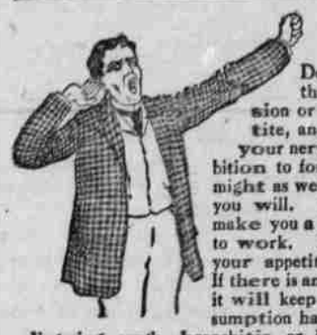
The man called to a great work must not waste his life in trivial things. He must not act like the keeper of the lighthouse who gave to the people in the cabins about him the oil which was intended for the mighty lanterns of the sea.—Maeterlinck.

Truth in Old Saying.

There is an old as the hills saying that men who cannot manage their own finances are exactly the ones to look after those of a nation. And because it is too true is the reason why it is an old saying, irrespective as to what Dun or Bradstreet may say to the contrary.

Desperate Coughs
Dangerous coughs. Extremely perilous coughs. Coughs that rasp and tear the throat and lungs. Coughs that shake the whole body. You need a regular medicine, a doctor's medicine, for such a cough. Ask your doctor about Ayer's Cherry Pectoral.
Ayer's We publish our formulas. We banish alcohol from our medicines. We urge you to consult your doctor
Any good doctor will tell you that a medicine like Ayer's Cherry Pectoral cannot do its best work if the bowels are constipated. Ask your doctor if he knows anything better than Ayer's Pills for correcting this sluggishness of the liver.
—Made by the J. C. Ayer Co., Lowell, Mass.—

Do You Feel This Way?



Do you feel all tired out? Do you sometimes think you just can't work away at your profession or trade any longer? Do you have a poor appetite, and lay awake at nights unable to sleep? Are your nerves all gone, and your stomach too? Has ambition to forge ahead in the world left you? If so, you might as well put a stop to your misery. You can do it if you will. Dr. Pierce's Golden Medical Discovery will make you a different individual. It will set your lazy liver to work. It will set things right in your stomach, and your appetite will come back. It will purify your blood. If there is any tendency in your family toward consumption, it will keep that dread destroyer away. Even after consumption has almost gained a foothold in the form of a lingering cough, bronchitis, or bleeding at the lungs, it will bring about a cure in 98 per cent. of all cases. It is a remedy prepared by Dr. R. V. Pierce, of Buffalo, N. Y., whose *advice is given free* to all who wish to write him. His great success has come from his wide experience and varied practice.
Don't be wheedled by a penny-grabbing dealer into taking inferior substitutes for Dr. Pierce's medicines, recommended to be "just as good." Dr. Pierce's medicines are OF KNOWN COMPOSITION. Their every ingredient printed on their wrappers. Made from roots without alcohol. Contain no habit-forming drugs. World's Dispensary Medical Association, Buffalo, N. Y.

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For **DISTEMPER** Pink Eye, Epizootic, Shipping Fever and Catarrhal Fever
Sure cure and positive preventive, no matter how horses at any age are infected or "exposed." Liquid, given on the tongue; acts on the Blood and Glands, expels the poisonous germs from the body. Cures Distemper in Dogs and Sheep and Cholera in Poultry. Largest selling live stock remedy. Cures La Grippe among human beings and is a fine Kidney remedy. 50c and $1 a bottle; $5 and $10 a dozen. Cut this out. Keep it. Show to your druggist, who will get it for you. Free Booklet, "Distemper, Causes and Cures." Special agents wanted.
SPOHN MEDICAL CO., Chemists and Bacteriologists, GOSHEN, IND., U. S. A.

Finland Appeals to Tourist.

Finland, with its thousand lakes, is now considered attractive enough to be on the general tourist's list.

TRY MURINE EYE REMEDY
for Red, Weak, Weary, Watery Eyes and Granulated Eyelids. Murine Doesn't Smart—Soothes Eye Pain. Druggists Sell Murine Eye Remedy, Liquid, 25c, 50c, $1.00. Murine Eye Salve in Aseptic Tubes, 25c, $1.00. Eye Books and Eye Advice Free by Mail.
Murine Eye Remedy Co., Chicago.

Homelike.

A British baronet is working as a janitor in New York. Just could not get away from his autocratic tendencies.—Dayton Journal.

Dr. Pierce's Pleasant Pellets cure constipation. Constipation is the cause of many diseases. Cure the cause and you cure the disease. Easy to take.

Effort That Is Foolish.

Many splendid natures have been made absolute cyphers by their efforts to become something they were never intended to be.

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

Small Potatoes.

Every man who has gone through the bridegroom stage has a keen appreciation of the insignificance of his sex.

For Boarding School.

Napkin rings of hand beaten silver are designed especially for the use of boys and girls at boarding school. They are in an oval shape, about three and a half inches being the largest diameter, and the child's initials will be added for a consideration. The same rings are also sold for holding the baby's bib.

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