

members all show enthusiasm and success seems to be following their efforts.

The August meeting took the form of a picnic, and members from one or two branches from the riding were present. In addition to other speakers, Mr. Todd, the district representative of the Department of Agriculture, gave a demonstration in the slipping and potting of various kinds of plants.

Another of the institutes in West Lambton has discovered that it is a help to bring an institute before the public through exhibits by members at the fall fair.

In West Victoria the women of the branches have realized the importance of a clean school house and cleanly surroundings, and to this end have decided to press the matter upon the trustees of the school in their section. This matter of the cleanliness of the school building is one which is neglected much too often.

We have meetings for the young girls and the housekeepers of the present day, but a "Grandmothers' day!" We had not thought of that, but one of the branches in Dufferin did, and what an interesting time they had—quiet tales about the old-time ways of doing things, the spinning, cooking in the oven in front of the fireplace, enjoying the rest of the evening in the pretty glow of the taper. Then, as a contrast, a talk on the present-day inventions to help the housewife in her daily tasks. Every age has its own advantages, and while the grandmothers of to-day may look with a little envious interest upon advantages which their

such human dish-washers as are available in this degenerate age.

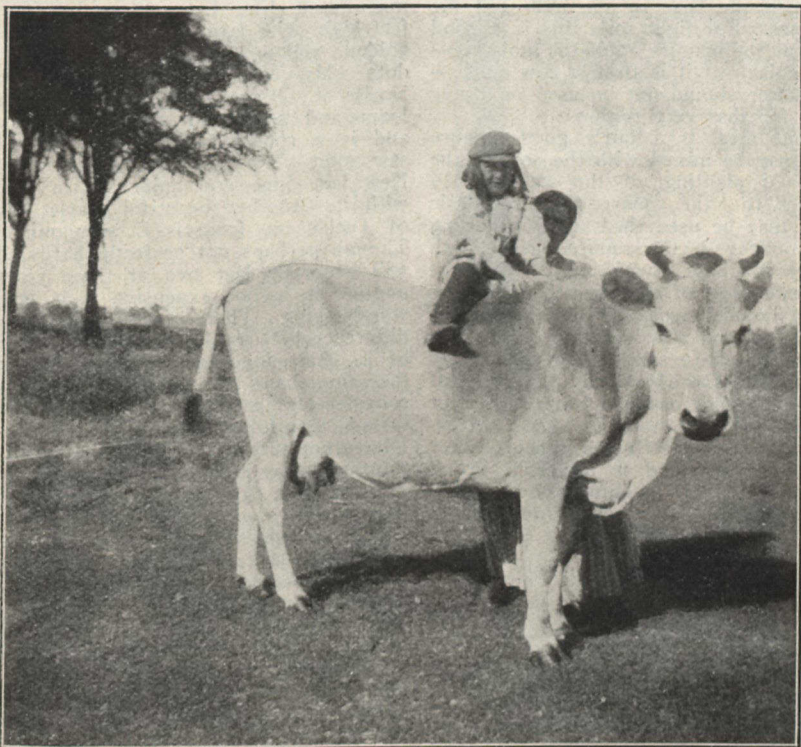
The three stages in the dish-washing process are, first, thorough scraping and piling loosely in large wooden baskets (not done by the machine but by a woman in the ordinary manner). This, therefore, is not where the labor is saved, but in the second step, which consists in immersion in a piping hot solution of soap and sal soda.

But the immersion is done by the basketful, and thus cuts down some three or four dozen separate motions to one. The basket, which is open all around to allow the soap solution to penetrate, is attached to a hook in the machinery, which then dips it up and down and moves it about energetically several times.

A sweep of the hand of the muscular young man who presides over this "iron maiden," transfers the basket or soapy dishes to a second hook, which dips it into clean boiling water kept constantly renewed. The rushing motion kept up both in the soapy solution and the rinsing water by the machinery drives the liquid strongly through the basket, and the latter filled with absolutely clean dishes, is, in a few seconds, lifted on to a side table.

What about the wiping? There is none—simply piling, as the dishes are immediately dried by their own heat. True, the girl who removes them from the basket and piles them keeps a towel beside her to flick off any drops remaining by chance, but these are infrequent.

The gain by the machinery consists



A ROUGH RIDER IN KELOWNA, B.C.

Photograph by Miss J. Cook

children and grandchildren have in housekeeping methods, yet with all they have a peculiar pleasure in dreaming of the "old times."

One can hardly help sympathizing with the store delivering boys, who are kept busy late at night, especially on Saturday, and with the thought of remedying this to some degree, the members of the Orangeville Institute have decided that they will do all their ordering from the store before six o'clock. We would commend this to other Institutes.

The Dish-Washing Machine

ALTHOUGH the dish-washing machine has not yet been introduced into the bosom of the family it is working successfully in restaurants, and nothing more interesting as a "sight" for a housekeeper could be thought of. Lately one of the staff of Woman at Work and at Play, of *The Globe* happened to find herself in the vicinity of a dish-washing machine, and immediately begged leave to pay it a visit.

One imagines a lot of intricate and delicate devices taking the place of a pair of human hands, and of the human capacity to rub and scrape. But nothing is simpler than the dish-washing machine in principle, and if anyone has misgivings about the absolute cleanliness of the dishes that have been through it they may be assured that the mechanical dish-washer can win easily against a large proportion of

in eliminating wiping altogether, and doing the washing by the basketful instead of by the single dish.

But alas, this twentieth century marvel rouses hope in the housewife only to dash it to the ground again. The chief difficulty perhaps appears in the necessity of having on hand a large quantity of strong, hot soap solution three times a day. Even were a hand machine prepared, which would drive the water through the basket with sufficient force, the thrifty housewife would probably demur at the wholesale sacrifice of soap. Secondly, that dish-washing machine would be such a luxury that the woman who needed it most would be the one who would never be able to buy it.

The two hours solid dish-washing after dinner, however, is a dark background against which the virtues of a possible dish-washing machine stand out in truly brilliant tints.

Worth Knowing

If a broom wears away in the front, as garden brooms are apt to do, take out the handle and cut it to fit so that the other side of the broom gets the wear. It will wear down evenly then.

If you want haricot beans, peas, or lentils for soup and have forgotten to put them to soak overnight, boil them for an hour with a small piece of soda, when they will be quite soft.

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ORGANS

- Bell**—Small 5-octave organ, in walnut case, by the Bell Organ Co., Guelph. Case has small rail top with mirror. Has 8 stops, 2 sets of reeds in treble and 1 set in the bass, octave coupler and 2 knee swells. Sale price..... **\$36**
- Bell**—A very handsome 5-octave organ by the Bell Co., Guelph, in walnut case with beautiful extended top containing mirror and music rack. Has 10 stops, 2 sets of reeds in treble and 1 set in bass, octave coupler, 2 knee swells, mouseproof pedals, etc. Sale price..... **\$45**
- Berlin**—6-octave piano case organ, by the Berlin Organ Co., Berlin, Ont., in walnut case of simple design. Has 11 stops, 2 sets of reeds throughout, 2 couplers and 2 knee swells. Sale price..... **\$69**
- Dominion**—A very handsome chapel organ by the Dominion Co., in solid walnut case with finished back. Has 17 stops, 4 sets of reeds in the treble, 3 sets in addition to sub-bass in the bass. Has lamp stands, automatic folding mouseproof pedal cover. Sale price..... **\$77**
- Thomas**—6-octave piano case organ, by the Thomas Organ Co., Woodstock, in handsome walnut case with full length music desk and marquetry panels, mirror rail top and lamp stands. Has 11 stops, 2 sets of reeds throughout, 2 couplers and 2 knee swells, mouseproof pedals, etc. Sale price..... **\$79**
- Karn**—6-octave piano case organ, by D. W. Karn & Co., Woodstock, in walnut case with engraved panels and mirror rail top. Has 12 stops, 3 sets of reeds in treble and 2 in bass, octave couplers, 2 knee swells, mouseproof pedals, etc. Sale price..... **\$81**
- Dominion**—A very handsome piano case organ, by the Dominion Co., Bowmanville. Has 6 octaves, walnut case with carved panels and mirror rail top, 11 stops, 2 sets of reeds throughout, 2 couplers and 2 knee swells, mouseproof pedals, etc. Sale price..... **\$83**
- Sherlock-Manning**—6-octave walnut piano case organ, by the Sherlock-Manning Co., London, finished with plain polished panels like a piano. Has 13 stops, 2 sets of reeds throughout, 2 couplers, 2 knee swells, mouseproof pedals. Used less than a year. Sale price..... **\$87**

PIANOS

- Mendelssohn**—A handsome small upright piano, by the Mendelssohn Co., in rich mahogany case, with full length panels, trichord overstrung scale, 3 pedals, etc. This piano is rich and sweet in tone and stylish, though plain in appearance. Has been used less than a year. Manufacturers' price, \$2.75. Sale price..... **\$198**
- Evans**—A 71-3-octave upright piano, by Evans Bros., Ingersoll, in rich dark walnut case, Boston fall board, full length music desk, ivory and ebony keys, 3 pedals, etc. Has been very little used and is just like new. Manufacturers' price, \$3.75. Sale price..... **\$228**
- Williams**—A handsome cabinet grand upright piano, by the R. S. Williams Co., in richly figured walnut case, with carved panels, Boston fall board, double-repeating action, ivory and ebony keys. Manufacturers' price, \$4.50. Sale price..... **\$235**
- Mendelssohn**—A 71-3-octave upright piano, by the Mendelssohn Piano Co., in case of simple design in rich mahogany. Has full length plain polished panels and music desk, 3 pedals, ivory and ebony keys, etc. Cannot be told from new. Manufacturers' price, \$340. Sale price..... **\$243**
- McMillan**—Cabinet-grand upright piano of our own make, in rich mahogany case of Florentine design, full length plain polished panels and music desk, Boston fall board, full iron frame with bushed tuning pins, 3 pedals and dulciphone or practice stop. A splendid piano. A regular \$375 style. Sale price..... **\$255**
- Nordheimer**—A 71-3-octave piano, by the Nordheimer Co., Toronto, in mahogany case with plain polished panels, Boston fall board, double-repeating action, 3 pedals, ivory and ebony keys, etc. Has a good tone. Sale price.... **\$267**
- Gourlay**—A cabinet-grand upright piano of our own make in rich mahogany case, full length plain polished panels, Boston fall board, 3 pedals, ivory and ebony keys, etc. Has been used about 15 months, but in tone, action and appearance, is just like new. Sale price..... **\$305**
- Gourlay**—A 71-3-octave piano of our own make of elegant, Classic Grecian design of case in rich mahogany. This piano contains the new Grand scale that we use in any of our largest and most expensive instruments. The style is that of the most expensive piano on our regular list. The piano is in every respect as good as new. Sale price..... **\$328**

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