

## "HIGHLANDER" MILK PRODUCTS

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## TOOLS.

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MECHANICS,  
FARMERS.

Call and inspect  
our range of Tools

John Edmond,

TAY STREET,  
INVERCARGILL.

## The Nature Column.

(By "Student.")

("Student" will be pleased to receive  
notes on any branch of Natural His-  
tory. Observations on birds, insects,  
plants, etc., will be equally welcome.  
If using a pen-name, will correspondents  
please enclose real name and address.)

At the present time the Town Engineer's  
staff is engaged in finding more water for  
the ever increasing demands of the town.  
Quite a number of bores have been sunk  
at depths varying from one hundred to one  
hundred and twenty feet or thereabouts.  
The bores at the Waterworks appear to  
be the deepest on the reclamation where  
the top of the bore is at about tide level  
the deepest needed was I believe about  
forty feet. So far as indications go it  
would seem that the strata slopes gently  
out to the West. In the patch of trees  
to the north of the Water Tower a new  
bore of large diameter is about to be  
sunk. Some months ago a shaft was dug  
to a depth of some fifty feet and water  
comes into this plentifully. Just a few  
feet away is another six inch bore and  
shaft from which water has been pumped  
for some time. This bore strange to say  
does not produce water so readily as the  
new shaft. The tower hill is as far as I  
can ascertain some seventy feet above the  
tide level. Water flows from the bores  
without pumping at about 60 feet from  
the surface. It is just possible therefore,  
that our town supply comes from the Wai-  
hopai. It would prove very interesting  
if experiments could be made in a bore  
to find if any regular fluctuations occur  
in the water level. Or if during seasons  
of flood the level of the water at the Tower  
is increased. The Waihopai takes its rise  
near Mortain Mains and flows nearly east  
and west. Considering the extent of the  
watershed and the annual rainfall the  
amount of water flowing in this stream is  
not very large. It is therefore within  
the bounds of possibility that our water  
does not travel very far. If the water  
does not come from the Waihopai is may  
come from a more northerly direction.  
The Makarewa and its tributary, the  
Titipua, rising about 4 or 5 miles from  
Mataura, flows in a more or less westerly  
direction to the sea and it would almost  
seem more likely that the water supply  
comes from the neighbourhood of these  
streams. The country to the north of  
them is hilly and composed of hard rock.  
Most of the local streams rise at no great  
distance from the Mataura River and flow  
from east to west, and this indicates that  
the general slope of the country lies in  
the same direction. As the Southland  
Plains belong to the youngest formation  
the Pleistocene and consist mostly of grav-  
els and clays it would be reasonable to  
suppose that the water-bearing strata  
slopes back towards the town of Mataura.  
It may go right to the Mataura River.  
The Mataura River skirts high country  
to the sea. To the west of Invercargill a  
ridge runs from the Bluff to the Long-  
woods. The deep bore proved that In-  
vercargill is situated over a deep basin  
made up of silts which suggest an estua-  
rine formation, and which have been  
proved to extend for at least 700 feet deep.  
Summing the foregoing up it appears  
that the water supply most likely comes  
from the coast and soaks into the gravels  
at not very great distance from town.  
The only alternative is that the water  
comes from the north being supplied in  
part by the Oreti River. This would im-  
ply that the strata dips more from the  
north than from the east, but this does  
not seem likely. A bore 150 feet in depth  
at Kew went through sand for the most of  
the way and did not touch water.

Old residents of North and East In-  
vercargill claim that the Tower well has  
caused their wells to dry up and I know  
of some deep wells in which this seems  
to be the case.

The town water when it arrives at the  
surface impregnated with iron pyrites, and  
sometimes smells very badly. At times an  
algae grows luxuriantly in the tank at the  
Power House.

Though both "A" and "Jacques" have  
talked a lot about telepathy they have  
given us no definition of what it is sup-  
posed to be.

If telepathy mean the ability to com-  
municate an idea to another person with-  
out using ordinary means of communica-  
tion I believe it is possible. At one time  
I assisted in the following experiment.  
Two persons placed their hands on the  
shoulders of another person who was blind.  
folded, and mentally directed him to find  
an article which had been hidden. The  
object was hidden in such a way that the  
searcher could not be directed to it by  
pressure on his shoulders. Generally the  
experiment was successful, though there  
were a fair per centage of failures.  
Would "A" or "Jacques" call this tele-  
pathy? I have also noticed on many oc-  
casions that two people will say precisely  
the same thing at the same time. Is this  
a mere coincidence?

## Kennel Notes.

MISTAKES MADE BY NOVICES.

Among the many mistakes made by no-  
vices the most common is that of suppos-  
ing that there is any difficulty in getting  
a dog into show form. There are, of  
course, exceptions to every rule, and one  
sometimes comes across a dog that persist-  
ently refuses to look well, even when all  
proper care is taken of him; he is what  
is known as a "bad doer." But the  
average healthy dog can be easily got into  
show form, which, after all, is only a syn-  
onym for perfect health.

### DO NOT FATTEN DOGS.

The most ordinary mistake made by a  
beginner is to fatten his dog. Now, a fat  
dog is not wanted in a show. Even the toy  
dogs are not fattened up. Extravagant  
decoration of their cages is permitted, and  
in this way the natural desire of a woman  
to heap kindnesses on her pets is grati-  
fied. But that is all. The pet dog who  
has never been shown is too often made  
so fat that his life is a misery to him.

### CONDITION.

Having decided, then, that the dog  
must not be fat we come to the question of  
what flesh he ought to carry. Some breeds  
may be fairly plump; some should be  
"hard," with scarcely any superfluous  
flesh on their bones; some should have  
well-developed muscles; some need have  
none, at least none that are prominent.  
Take the case of a fox terrier for instance,  
a dog that was primarily intended for  
sport. If you get your terrier at all fat  
he will not be in show form, but in your  
desire to get him into hard condition you  
may spoil him in another way. You may  
possibly think that the easiest way of re-  
ducing his flesh and substituting muscle  
is to give him some gallops behind a  
bicycle or horse. There is no surer way of  
spoiling the dog. A terrier so exercised  
will put on muscle on his shoulders to such  
an extent that he will get what is known  
in canine circles as "wide in front,"  
which is a grave fault in a terrier, and,  
indeed, in most dogs.

The terrier should have just enough  
exercise to get him into good health, and  
do not forget that part of this exercise  
must take place on the road, so that his  
nails may be worn down properly. Do  
not try to gallop him about. A scamper  
will do no harm, of course, but do not fol-  
low the plan adopted by an enterprising  
young fancier who thought he was doing  
the right thing by following the methods  
used by trainers of greyhounds. In this  
case, a boy held the terriers, the owner  
ran down the road for half a mile, and  
the terriers were slipped to him one by  
one. Such a training is all very well  
for greyhounds who are to run at a meet-  
ing—and with them the best method is to  
make them start on the level or down a  
slope, and finish up a hill—but it is quite  
out of place with terriers. When you see  
that your dog is in good health, and that  
he keeps in good health without the need  
of medicine, he is having enough exercise.

Some dogs are naturally very shy and  
nervous, and one that has such a disposi-  
tion is by no means a good dog, for show  
purposes. You will have to exercise great  
care in his training; otherwise you will  
break his spirit, and a dog that looks at  
all cowed in the ring stands a poor chance  
of being judged according to his merits.  
You must not blame the judge for this.  
The judge cannot be expected to form an  
opinion of a dog that resolutely tries to  
slink away when he is in the ring with  
other dogs. Some men have been so care-  
ful about their dogs not being at all cowed,  
that all training—as far as education is  
concerned—has been omitted.

### TO ALL R.S. ASSOCIATIONS.

Reciprocity with overseas branches of  
the Returned Soldiers' Association.

Quite recently the Returned Soldiers of  
Western Samoa formed themselves into the  
"Returned Soldiers' Association of West-  
ern Samoa." As this Association is not  
numerically strong enough to become affili-  
ated to the New Zealand Returned Sol-  
diers' Association, it has asked for recip-  
rocity between the New Zealand Returned  
Soldiers' Association and itself. At the  
last meeting of the Standing Sub-Commit-  
tee of the Dominion Executive, held on  
September 7th, it was decided:—

(a). That reciprocity be established be-  
tween the New Zealand Returned Soldiers'  
Association and the Western Samoan As-  
sociation and that each pledge itself to  
help the other if such help is not counter  
to the general policy of either Associa-  
tion.

(b). That financial members of the one  
Association can transfer to the other with-  
out payment of a further subscription for  
the year for which they are paid up, such  
member however, to produce evidence of  
payment.

Arrangements like the above have been  
made with the Fijian and Australian  
Associations.

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seconds, against numerous 8 valve motors of other makes. His  
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in this event, as was also the 100 and 200 mile races.

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