

Woman who Strength?

us, Run-down, Over-
Strength Made Well,
Food Tonic

ZONE

ger For Women.

struggling against lack of bodily
charge their daily duties under

stantly supplied with health and
of daily activities, whether in
inter, was discharged easily, with
he should feel in doing their work.

health, in the eye the sparkle of

if work were less imperative how

comes on now and then. At the
to get up, a tired wish, to lie
has gone.

al decline, when happy mome
is given to the circulation that
red blood, at once makes avail-
ing the system.

cheeks, elasticity, endurance and
is given to the circulation that
red blood, at once makes avail-
ing the system.

ing blood sweeps through the
able charms that only women in

gh let her use Ferrozone. Price
at all druggists or by mail from
and Hartford, Conn., U.S.A.

Michael, Alaska, in order to establish
communication between these points. The
feeling of the sea the bay has rendered
able service between these points imprac-
icable.

LABOR PREMIER'S POLICY.

Mr. Watson's Statement in the Australian
House of Representatives.

Melbourne, Victoria, May 18.—In the
commonwealth House of Representatives
today Mr. Watson, premier of the new
Labor cabinet, outlined his general policy.

The government proposed to re-estab-
lish arbitration bill making state employees
members thereto, this being the point on
which the late government was defeated.

It was proposed, the Premier continued, to
appoint a single high commissioner in Lon-
don representing all Australia, which would
gradually remove the necessity for repre-
sentatives of the different states of the
commonwealth.

The other proposed legisla-
tion included old age pensions, state con-
trol of the tobacco trade and a banking bill
providing for the establishment of a bank
of issue, the Premier said, one of the con-
ditions being to compel banks to hold 40
per cent. of their reserve in government
notes.

FINE LOT OF SPECIAL

PREMIUMS OFFERED

For Coming Exhibition by Outside Firms

Through Local Establishments

—A Varied List.

Through the firms of Messrs. E. G. Prior
& Co. a splendid lot of special premiums
for the approaching exhibition have been
offered by a number of outside concerns
which should tend to arouse the keenest
competition in this cup to become the
property of the district association winning
same three times, but not necessarily in
succession.

No. 8 speeding cart, value \$45, given by
the Bradford Carriage Co., of Bradford,
Ont., through their agents, E. G. Prior &
Co., Ltd. Ly., for the best roadster, stand-
ard bred, or thoroughbred stallion, owned
in the province.

No. "C" Melotte Cream Separator, value
\$100, given by the Melotte Separator Sales
Co., of Bristol, England, through their
agents, E. G. Prior & Co., Ltd. Ly., for
cow giving most butter fat (as shown by
Babcock test) during 48 hours of exhibi-
tion.

Bain wagon gear, 24 arm by 14 tire,
value \$22.50, given by Bain Wagon Co.,
Ltd., of Woodstock, Ont., through their
agent, E. G. Prior & Co., Ltd. Ly., for the best
collection of grain grown in the province
by one person, three exhibits or no prize.

Planet Jr., No. 4 combined garden drill,
value \$10.00, given by S. L. Allen & Co.,
of Philadelphia, through their agents, E. G.
Prior & Co., Ltd. Ly., for the best collec-
tion of garden produce shown by one indi-
vidual and grown in the province.

Myers low down house pump, value \$15,
given by F. E. Myers & Bros., of Ashland,
Ohio, through their agents, E. G. Prior &
Co., Ltd. Ly., for best pen of ram and
three ewes of any breed.

No. 40 Oliver plow, value \$11, given by
Oliver Chilled Plow Works, of South Bend,
Ind., through their agents, E. G. Prior &
Co., Ltd. Ly., for best boat and two eves
any age or breed, owned and bred by exhibi-
tor.

Petaluma incubator, 54 eggs, value \$15,
given by Petaluma Incubator Co., of Petal-
uma, Cal., through their agents, E. G. Prior
& Co., Ltd. Ly., for pen of cock and
three hens of any breed scoring highest
number of points in show.

THE ELECTRIC SMELTING OF ORE

PRELIMINARY REPORT MADE BY DR. HAANEL

Some Important Experiments in France
—Process Pronounced Both Eco-
nomical and Easy.

Dr. Haanel, superintendent of mines
for Canada, who was sent by the Cana-
dian government to Europe, in com-
pany with other commissioners, to as-
certain the economic possibilities of
electric smelting of ores, has just issued
a preliminary report to the minister of the
interior, in which he pronounces the
process both economic and easy, and
encourages its adoption in this country.

At Gysinge, Sweden, great quantities
of quality is made by smelting together
charcoal pig and scrap in an electric
furnace of the induction type, the cost at
the rate of ten dollars per electric horse-
power a year would be \$1.10 per ton of
product.

At La Pras, France, steel is also
made from melted scrap, but the pro-
cess differs from that at Gysinge, in
that it permits of the purification of the
material employed. Different classes of
steel are made at a cost per electric
horse power absorbed at \$1.54 per ton of
ingot. The selling price of steel varies
from \$93.00 to \$120.00 per ton, de-
pending upon the quality.

Interesting experiments were made for
the commission at this plant in the pro-
duction of pig from the ore in a very
simple furnace consisting of an iron box
of rectangular form cross section, open
on top and lined with refractory materi-
al.

By far the most important experi-
ments witnessed by the commission were
those made at Sivert, France, where nine
tons of ore were used to demonstrate
the economic production of pig iron from
the electric process. The furnaces used
for these experiments were those used
in the regular work of the company for
turning out by electric process the vari-
ous ferro alloys such as ferro-silicon, ferro-
chrome, etc. The furnace is of the Re-
istance type, of two iron casings
of square cross-section forming two
shafts communicating with each other
at their lower end by means of a lateral
canal. The cases are lined with refrac-
tory material, and the base of each shaft
is formed by a carbon block. These
blocks are in electric communication with
the exterior of the furnace by means of
copper bars. The carbon electrodes to
which the current is distributed by means
of two-thirds of the length into the shaft.

The electrodes are prisms 72 centim-
etres in diameter and 135 centimetres
long. Three sets of experiments were
made as follows:

Electric reduction of iron ore and ob-
taining different classes of pig, gray,
white and mottled. The results were
as follows:

Electric reduction of iron ore con-
taining a definite amount of carbon in
the charge with a view of ascertaining
the amount of electric energy absorbed in
the production of one ton of pig iron.

The manufacture of ordinary steel of
good quality from the pig manufactured
in the preceding experiments.

The different classes of pig iron were
obtained without difficulty, and the fur-
naces throughout the experiment work-
ed quietly and without the slightest
accident, the gases discharging on top
in flickering flames showing that the
gas resulting from the reduction of the
ore escaped at low pressure. The work-
men employed were ordinary millan
laborers without any special training. A
number of castings, such as columns,
pulleys, gear wheels, plates, etc., were
made with the metal drawn directly
from the furnace. The castings showed
sharp edges, a comparatively smooth
surface, and were sound throughout. The
electric energy absorbed per ton of pig
power was to be decimal 228 horse-
power years.

Following are the figures going to
make up the approximate cost of pro-
ducing a ton of pig iron:

1. On (anode) metal iron 55 per cent.
cost, 1,842 tons at \$1.50 per ton. \$ 2.70
2. Coke for reduction, 33 tons at \$7
per ton. 2.31
3. Consumption of electrodes at \$5
per 220 lbs. 77
4. Lime 400 lbs. 80
5. Electric energy decimal 228 horse
power years at \$10 per c.h.p. 2.28
6. Labor at \$1.50 per day 90
7. General expenses 20
8. Repairs, maintenance, etc. 20
9. Amortization (machinery and
buildings) 50

Exclusive of royalty \$10.00

In this conclusion Dr. Haanel says:
"It must be pointed out that the re-
sults obtained at Sivert were the results
of experiments in furnaces not specially
adapted to the work required to be
done. With the improved furnaces, of
the induction type evolved, and the im-
provement of machinery for charging the
furnaces to reduce the cost of labor, a
much better figure than the one given
will result. The processes of electric
smelting must be regarded as in the
experimental stage, no plant existing at
present where iron ore is commercially
reduced to pig iron by the electric pro-
cess."

"The more remarkable, therefore, it
appears that experiments made at
Sivert, so to say, in furnaces not at all
designed to be used for the purpose of
pig should give a figure of cost
which would enable an electric plant,
properly designed and managed, to
compete with the blast furnace."

It is, moreover, reasonable to expect that
as experience in electric smelting ac-
cumulates the design of the electric fur-
nace best suited to the conditions of the
high temperatures with which the me-
tallurgist has to deal will undergo

changes which will reduce the absorp-
tion of electric energy to a minimum.
The electric engineer will also be called
upon by the new industry to design elec-
tric plants specially suited to the con-
ditions of electric smelting. When it is
considered that the electric smelting pro-
cess is applicable to the smelting of all
other ores, such as copper, nickel, silver,
etc., and that the furnaces are of such
simple construction and the regulation of
heat supply under perfect control, we
may expect that the near future will
witness the application of electric en-
ergy to the extraction of metal from
slag and will not be long delayed, and
that familiarity with handling large
currents and experience gained in elec-
tric smelting will result in a dis-
missing some of the costly and compli-
cated methods by comparatively simple
and economic processes.

"The immediate effect of a plant
erected for the smelting of iron ores
which will demonstrate the economic
production of pig and the making of
steel will arouse the faith of the in-
dustrial world in the new metallurgy
and other industries dependent upon
electricity as the agent, or to which
electricity can be applied, will follow
in the wake of this pioneer plant."

TOUR OF INQUIRY.

United States Official Investigating Im-
migration Conditions on the
Coast.

A. C. Duddleston, of Terre Haute, In-
diana, who has been appointed to make
a special report in regard to immigra-
tion conditions on the Pacific Coast,
came over from the mainland on Mon-
day. Mr. Duddleston is inspector of
immigration in charge for Minnesota
and Dakota, with headquarters at Win-
nipeg. He is said to be one of the best
informed men in connection with the
department regarding conditions in the
West, and it is for that reason he has
been chosen to make the report.

"Until my report has been presented
to the officials at Washington, and it is
made public, I can have nothing to say
regarding the object of my trip," Mr.
Duddleston said. "I will make a thor-
ough examination of conditions, and for
that purpose will be on the Coast for
some time. I have already spent a
couple of weeks on the Sound, and will
return there from here." The report to
be presented will be accompanied by
such recommendations as will, it is
believed, improve the immigration con-
ditions.

ANOTHER SUCCESS BY THE ARION SINGERS

The Club Gave an Excellent Concert
Last Evening—Talented Assist-
ing Artists.

No doubt the double attraction of H. T.
Hanlin, who has already won a place in the
hearts of Western music lovers, and Miss
Charlotte Spencer, fresh from her training
in Minneapolis, added to the assured ex-
cellence of the Arion Club's account.
The concert, which was given at the
club house, was a most successful one.
The program was well arranged, and
the blending of the voices being particu-
larly good in the second stanza, as also in
the Swedish song.

Miss Spencer, fresh from the third selection,
"My Heart at Thy Sweet Voice" (Saint
Saens), and her rich contralto showed to
advantage in this exquisite song, the en-
tire audience being enraptured and re-
ceiving an encore, "The Serenade."

In the fourth number the Arion Club gave
evidence of most painstaking training by
their conductor, the basses being especially
worthy of notice for their delicate accom-
paniment.

In the "Romanza" from Simon Bocca-
gras (Verdi), H. T. Hanlin, of Tacoma, was
heard to great advantage. His magnificent
voice and easy manner. Nature has been most
generous in granting Mr. Hanlin a fine
physique and a voice in keeping. Victorians
have good reason to be glad that it they
cannot have Mr. Hanlin as often as they
would wish, he is sufficiently near to favor
them frequently. Mr. Hanlin graciously
received the applause of the audience.

While a number of the club selections
were in more or less of a minor strain, on
hardly tired of them since they were of
the very best. "Silent Beauty" (Dudley
Buck) was perhaps the best of these.

"The Spring is Come" (Dudley
Buck) gave the club an opportunity for
rousing chorus work, the singing in the
third verse being very well executed.

Miss Spencer again favored with two
selections by Chadwick, "O Let Night
Speak of Thee" and "Dear Father, When
I See Thee." The latter song was one
which she did full justice with her sweet
true voice.

The old-time Arion spirit found vent in
"Summertime" (Franz Wolf), the clear
ringing tenors being more than usually
good.

To F. Watkin fell the share of accom-
panist, and although irrefragable all
evening, his accompaniment of Dr. Nash in
the Sonata, Opus 8 (Greig) was incompar-
able. It seems a pity that Victoria could
not hold out some lasting inducement to
such an artist to stay in our midst, for his
is truly a master hand.

"The Long Day Closes" (Sullivan), by the
club, was most artistically treated, the
union of bass and tenor being especially
marked.

His listeners could hardly hear enough of
Mr. Hanlin last evening, although he was
most generous. "Angus McDonald," it is
safe to say, has seldom if ever been sung
here as it was last night, and as an encore
Mr. Hanlin gave "The Banner Over the
Border" as though a Border lad, but the
audience were only satisfied at length with
"The Old Mill Wheel," which no one could
ever tire of hearing this gifted man sing.

As a parting number the club sang "Moon-
light" (J. Pache), their delicate phrasing
and clear enunciation being all that could
be desired.

It is difficult to compare one concert with
another, but E. H. Russell must be very
proud of his choir and the undivided atten-
tion they give him.

Why doesn't the managing committee
of the Institute hall see to it that at least
a candle is held up at the exits? If
economy is their object, why not turn the
lights out, and let the patrons of the
many entertainments in this hall stand
in no danger.

PREPARATIONS FOR THE CELEBRATION

HAVE BEEN FINISHED BY THE COMMITTEES

A Number of innovations Will Be Intro-
duced This Year—What Pro-
gramme Will Contain.

Final arrangements were made for
the Victoria Day celebrations at meet-
ings of various sub-committees Monday.
All details were attended to, and a
number of additional attractions for the
first day of the carnival were introduced.
A new event was decided upon that
should prove one of the most interesting
features of the festivities. This is the
buggy parade, which will leave the city
hall at 10.30 o'clock on Monday morning
and, after driving through the principal
streets, come to a stand on Bellevue
street before the parliament buildings,
where the judges will be stationed. It
was also decided to increase the number
of band concerts, and the city council
was approached to provide a musical
entertainment for Sunday afternoon at
Beacon Hill for the convenience of visi-
tors.

The proclamation made in the last
issue of the Provincial Gazette declaring
the 23rd, as well as the 24th, public
school holidays, will allow the children
of Victoria to join in the celebration of both
days and there is no doubt that they will
take full advantage of the opportunity.
After the opening of the celebration
on Monday morning with a choice pro-
gramme of selections by the Fifth Regi-
ment band, the first attraction will be
the parade of local buggies, to which
reference has been made. A start will
be made from the city hall at 10.30
o'clock and the route will be along Dou-
glas street to Fort street, thence along Broad
to Cormorant, down that thoroughfare
to Government, and along that artery to
the parliament buildings. Prizes are
being offered as follows: For the best ap-
pearing single rig, \$20; second, \$10. Ap-
peared are the following: (Smart)
Robert Hamilton, V.S., S. Jones and Dr.
G. J. Pagan. Dr. E. C. Hart will act as
marshal and the personnel of the com-
mittee in charge follows: W. C. Moreby,
Chief Watson and Richard Hall, M. P.

A large number of competitors are ex-
pected to participate in the Victoria Day
club show, which takes place at Beacon
Hill. The programme, as appended, will
be carried through, and indications are
that each event will be keenly contested.

Officials of the association have spared
no efforts to provide competitors with
all accessories. The programme will be
arranged for spectators and all who at-
tend may look forward to witnessing a
first-class exhibition of shooting. All
contests will likely be completed by 1
o'clock.

The baseball match in the afternoon,
a band concert and bicycle parade in
the evening will complete the celebra-
tion arranged for the opening days of
the festivities.

On Tuesday the principal attraction
will be the Gorge regatta, every event
of which promises to be close and exciting.
Besides this there will be the baseball
and lacrosse matches and in the evening
a grand display of fireworks at Beacon
Hill.

The programme arranged is as follows:
Monday, May 23rd.

9.30 a. m.—Band concert by Fifth Regi-
ment on principal parade.

10 a. m.—Trap shooting under the aus-
pices of the Victoria Gun Club at Beacon
Hill. The event follows:

Event No. 1.—250 yds. Entrance, \$1—
\$10 added. Known traps, unknown angles.
Purse divided, 50, 30 and 20 per cent.

Event No. 2.—300 yds. 5 pairs. En-
trance, \$2—\$20 added. Known traps, unknown
angles except pairs. Purse divided, 40,
30 and 20 per cent.

Event No. 3.—Four Men Team Shoot.
25 singles per man, entrance, \$3—\$30
added. Open only to teams from any one city.
Purse divided, 40, 30 and 20 per cent.

Event No. 4.—200 yds. Entrance, \$150
added. Known traps, unknown angles.
Purse divided, 40, 30 and 20 per cent.

Event No. 5.—200 yds. Entrance, \$150
added. 25 unknown angles, known traps.
Purse divided, 40, 30 and 20 per cent.

Event No. 6.—Consolation, 15 singles. En-
trance, \$1—\$5 added. For players who
have shot in two or more events but not
divided any money.

Some of the conditions to govern the con-
tests follow: All shooting shall be class
shooting. Revised American Association
rules to govern all contests. Shooting to
commence promptly at 10 o'clock a. m.
Shooters can take Beacon Hill car, which
will leave them very close to the grounds.
Blue rock traps and targets will be used.
Targets deducted from entrance fee at 5
cents each. No entries allowed after last
gun has commenced firing. First-class
shells can be procured on the grounds at
reasonable prices. Manufacturers' agents
may shoot in events, but for birds only.

10.30 a. m.—Parade of private driving
rigs, starting at city hall.

10.30 a. m. to 6 p. m.—Public inspection
of His Majesty's warship now in Esqui-
malt harbor, through local permission of
Commodore Goodrich, commander-in-chief.

3 p. m.—Baseball, University of Washing-
ton vs. Victoria, at Oak Bay grounds.

8.30 p. m.—Illuminated bicycle parade.
Course, starting at city hall, along Douglas
street to Fort street, down Fort street to
Broad street, along Broad street to Cor-
morant street, down Cormorant street to
Government street, along Government
street to parliament buildings, where judg-
ing will take place. The prizes follow:
Best decorated wheel, 1st, valued at \$15,
2nd, valued at \$10. Best comic wheel, 1st,
valued at \$5. Judges, Messrs. Symington,
H. J. Swinerton and R. Jackson. Marshals,
Chief Langley and Dr. Nash.

Entries for each stake will close on June
3rd, and all horses eligible to the 214 class
will be eligible to the 214 class. The
infectious fate of the meter proposition,
if the freely expressed comments on
the street afford any criterion. Some
of the complainants desire an appeal to
be ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

Each race is to be at mile heats, 2 in 3,
with all excepting the best four horses
ruled out at the end of the second heat.

VICTORIA SLOOP DRIFTED ASHORE

STOLEN FROM PORT AND LATER DESERTED

Turned Up Without Occupant at Twin,
Washington—Has Fishing
Tackle Aboard.

(From Wednesday's Daily.)

A correspondent wiring to the Times
from Port Crescent, Wash., to-day, says:
"The people of Twin, Wash., were
astonished to see a small sloop sail
ashore there last night. On investiga-
tion it proved to be the sloop Lavinia,
of Victoria, B. C., a small fishing vessel
of about ten tons, holding license No.
316. No one was found aboard. All the
sails were set, and the anchor hauled
down, but the tiller was lying on top of
the cabin, showing there might have been
an accident, or else she had broken
adrift. The cabin was awash, and an
old halibut hanging inside shows she has
been drifting quite a while. There were
two bunks in the cabin, each containing
a roll of blankets, and a stove, and was
about \$250 worth of nets. No halibut
lines were found.

"Lying in the cabin was a card from
K. K. Chungking, 46 Government
street, Victoria, B. C., evidently showing
where the fisherman disposed of his fish.
"The sloop has been safely anchored
in a small river, and the finders are
anxiously awaiting some trace of the
owners."

The Lavinia belonged to a Greek
fisherman named Martin, who has been
in the Jubilee hospital here for some
time. The boat was stolen from her
anchorage in the upper harbor the night
before last, by whom no one knows. It
is supposed, however, that she was
taken by someone wanting to leave the
city in a hurry, or by some smuggler of
Chinese, who, having landed his load in
American territory, turned the craft
adrift, not wishing to be detected by
customs officials. She is a vessel 28
feet long by 9 feet 6 inches beam. She
was a Columbia river fishing boat, and
what is known as a double "ender."

A few years ago she was in the pos-
session of Capt. Dan McIntosh, who
bought her for \$35 from a party of
trappers who had taken her from the
west. She was unsuccessful. Capt. McIntosh
sold her in turn for the same amount to
James Hunter, and the latter in turn
transferred her to the Greek named.

As usual the James Bay Athletic As-
sociation will have a reception tent on
Curtis Point, where all friends of the
club will be entertained. The program
for this afternoon will be a series of
a subscription, and there has been a
generous response. All who are interest-
ed in the organization are extended a
cordial invitation to visit the officers dur-
ing the progress of the regatta.

It is understood that the general com-
mittee intend considering the suggestion
that the regatta be held at the Victoria
display on the James Bay flats instead
of Beacon Hill. Some are in favor of
the change on the ground that it would
be a more convenient place. There are
a large number of people who are of the
opinion that the environments of the Hill
would be more conducive to the success
of the display than those in the neigh-
borhood of the flats.

It is expected that the official pro-
gramme will be in circulation by to-
morrow. A final meeting of the general
committee will be held on Friday or
Saturday evening to consider all
details in connection with the prepa-
rations for the carnival.

EXPLORE'S FUNERAL

London, May 17.—The remains of Sir
Henry M. Stanley, who died on May 10th,
were buried to-day in the churchyard of the
old Surrey village of Fulham. Prior to
the burial the British nation and the United
States, in the persons of Ambassador
Choate and Consul General Evans, paid
honor to the African explorer with an im-
pressive funeral service held in Westmin-