1921 NAT/SEA/1 # 25

C.S.

No. 369/21

Sealing.

Governor

SUBJECT.

192

IndMay.
Previous Paper.

Hair Seal. Eseferomental hallong of.

110 a. GO. 375/s.

MINUTES.

Planish from Parerous of Zan May 1920 Exchant from Mr Hamaltoni Report Co. 1920 Enel

Mr. Hamilton,

For your information and for the favour of your report please.

A. C. S. 2/5/21.

TO HCS.

From conversation with his. Hausen I concluded that oil alone from immature specimens would be the objects of his sea-line brilling. Animals of small size are very for and easily handles.

A permit should be for the search when he arrivals are at their best - namely late summer and dutumn In the latter part of winter the par stare is certain to the depleted and billing then would be wanteful and course nearly un desireable.

he have asked for a license to kill 1000 animals which he would please where killer her bring the blubber in chin 10 ton schooner to Carcars to try out in chin press voiler.

make necessary arrangements so I doubt if he could begin this writer

a free license of 1000 rea- lions and "hair reals" ! The

Subsequent Paper.

W & S. Lad

bet ween gameary I and June 30 inclusive,

that he is nor to Nake any walnet fe -

males (chapmarches)

mar he is to been records of localities worked, number and sexes of animals raken, approximate propartion of hore bills to me total hard ar each place

that carcaises are to be thrown into

cost of production and tramport and not propit to be made or completion of the

I have no doubt har meners mende him Robinson e co. of hivespool would handle he ail if neccessare

The following weeding season to observe me after effects of ne killing.

may I suggest that an interview with hu. Haven with reference to this dicence might be of us defore a final decision is arrived at.

I de trial consignment of sea-line while could be secured prome Kidney Island nest spring if it is desired to investigate him commerce at value

gettamilla fort. Naturalis

H.E. the Governor,

Submitted.

A. C. S. 3/5/21.

11 1111

HES Is Humiller can take fortering Sty of arranging an interview with In Hunsen at which Expressional letting, Can be discuped by 3 may (421.

Mr. Hamilton,

For your information & guidance. Please note & return.

> bathoupen A. C. S.4/5/21.

H. C. S.

Noted and returned, please

Sphanitta for. Nat. 4/5/21 Application from out forwards to kill sea loons on for Island Encl 3.

Membe from M. JE Hamilton Enel (3)

H.E. the Governor,

Submitted. A. C. S. 22/6/21.

HIS Trimpur may we planted on Condition all oded in he Humiller minut of 22 nd hope (401 M. 24 hun. 421

I note that you have made marginal notes Lr: (Encl:4) dated 24/6/21, since my minute to of 22/6/21 to His Excellency. I do not understand.

Should you desire to record such remarks in this paper, will you be so good as to do so be low, ih the shape of a minute addressed to the A.C.S.

> buthompon A. C. S.25/6/21.

Hon. Col. Sec.

I repor he ain probriety of he margin oil note on my minute of me 22 m June 1921. and herewith to comper After the foresmor hat seen this paper be onked me to see his. Hance who Told me hat he proposed to kill presser his willing ness to salt skin of other upes for the fournment. III I mefore suffer har two skins of each age might be salter by his. Hansen has apportunity of taking. Nem while killing the pups. Both seezes should be represented.

I One jullon of each grade of oil would be sufficient. I consider it reasonable hat foreren . ment should depay cost of salt, receptacles for samples and Gamepost our big to support hat Pin may be done.

gh. Domiton Chipendiary magnitude was halfel and 24-6-21.

2. I was instructer in,
margin of he paper by N.S.

gh. Hamilton.

the pendiony heapiteate

work 7 webstemme

27-6-21. 2. I was instructed to place it is note on the

Letter & Mr. J. Hansen, 29 frame 1921 Eucl (5)

Sheet No. 5

Government Naturalist,

I understand from you that the correst term for a female hair seal is "female scal lion". The local term, so far as I know it, is "Clap-match".

to hothompen A. C. S.29/5/21.

Hon. W. Sec.

yes, he correct term by he fe male of Orania (Seation) is female see lion". The use of he term "female "hair real" might be read to include penales of all species of eased and time and, except he for real.

Clap-match is very widely used here for famale sea-live, but could I helieve, be used for pende for real, I shall verify this if you desire it. gr. Hamilton

formment Naturalist. 29/6/2

Mr. Hamilton,

Do you desire to submit a further report on this subject ?

bushowser A. C. S.12/8/21.

Hom. W. Sec.

so hankgango hing further can be done until m. Hamen makes his veport

Please. Jovernment Naturalist 10,3,21.

H.E. the Govern

May 431 touthouse

Letter from W. Jason Hunsen Our 1921 Eucles Letter from Got Matorsalist-3, d Die 1920 Eucles. 1 Submittee tittet situla To an wir reprise from Your Ransacion Juli hater shirt

Ar upot in den course till4 7/12/2 How. Cul. Lec. Notes please. my report will follow when he specimens become available for is amin at wer of Hamilton foot. Wateralist Hon, Col. Sec. I asked for his raper today in order to report on the specimen. 2/ Im. Harren sent in per Afterglow

in order to report on the specimen.

I have sent in per Aftergrown

Il bottles of oil (The cork had come out

The tweform he care) and skins of

one adult male, one adult female

and " pup"

If The oil is of two grades

that which has been world once

and has which has been world

pa

Sheet No.

Al oil which has shad a single booking in slightly darker him the sample of no? .

whate oil in the smareum, and has a smell a planom closely resembling whate the oil which has been wiled twice is slightly durker than he other harry also a rather stronger ordone and planome. I comide has doon sumple one prestly superior to be lovered grade of whate oil, possibly equivalent to no? .

The price of rest oil is I understand an thigh as have of he letter grade of whate oil, have I have no definite information.

There is a dright proportion of he so called "stearme" in both samples.

4. The skim have were well prepared and shoroughly salted.

That of he made is not one of he may prested inge was is nevertheles this large and neights at least 45 lbs. It is own fring per in length and fairly mich. The hair is come

pe skin of the female is about 4
feet long and very much thinner than
the male the hair is finer

The pupir skin in not more han so in ches in length and presents much me some character as he femalish having yes finer and also hicker hair he with in minus.

5. I have probed the shin and

8 of the clean oil samples for trams

with a obtaining expect opinion of
the Reinvalue of hay I hand here over to
the Tuekland Estands Company to awain

the first opportunity home?

The first opportunity home?

Poverment Naturalist 1919 fan. 1922

I am not able to nee the necessity of builing the oil more than once it is

2. The oil may for but in view of The report in luf. 686 m the sale of se alsking the skins should not be ttttt 20/1/22 The oil may Me sens for Exemination. in veus of flier of skins it is only to Mice pulke refundible on sending them 15 mplino 23 Francis 432 gw. haturalist accorduly TIM 23/1/22 How. Wel. Lec. noter. I shall see har he oil is despot ched by re first opportunity. grtown eton. Port. Naturalist

Crown agents Letter of 1612 June 1972 Encl (9)

W. 7w. 1922.

Pa

Two habinalist

Lupet that he letter

was sent to the c.A. a receipt

of D. I accept the blame

but it would be very hunch

better if a rach or casins you

otale opocifically what a chin you

require and fire full in free shin as

he ramples for transmission

that samples for transmission

Hon, Col. Sec.
Notes please.

Many Rawhs,

926 millon.

800. Naturalist

25/10722

I him his paper should be attached to mar on Lea Lion Rilling ar present with you.

g. S. Maturaliv.

Grown agent letter of 11" Der 1922 ___ Enel (10) Why was his fafor not trught up a pecupit (26/10/22). Es was bed enough that & N. Left it for her weather. Kelly L. C.A. Lean Ttell 12/2/23 Letter to from app of 13" February 1923 - Enel S of S. dealach eto 80 of 10" Oct 1923 -Report for Seal Of fr. 2 % (122) The Intermeted. Dicke 21 Work 1923 Refort to be published in Sayalle please. Jan. Pagette will do till 2/ Nw 23 Report formited - - - Enel 19 Letter from hu fureal bustitute of 1 . slay 1996 - . (4)

rom Governor to Colonial Secretary.

A para 5 9 S.S. D. 61/20 Sy8 vielles to view ships the Experimense killing of see their shorter to Emduched by you under In Hamellon furmal Supervision allymph it would no doubt be awardy un to write het tillosen to act a fraid after of the Sat for the purpose. Sys is fruther by ofwinion the purious shows to sent to Inflance on a Mid emigroment a Sar account. Su Sidney Harry in his memuandum which is Indone (n S.S. D. 85/20 /20 215/20) Chucus in Vius

2. In the you of licenes to take four scale his lun Sugunded of measure an Under Cour dualish for White fulleden and has approved.

3. The Stat Win freents a smustar defruir friends and allemph Supervision can be Exercise au axpriming the conduct of the Efurnate by the Gar iscy is me for from difficulty.

1. Reports & to damage dur by see lines an Juguent but pulle information is require Nyn any definit Min y action can be declar When in this commedia please su 116/21.

6.0. a new by the Harveller on the Sea lin In the Mite las Hamilton repres to population of franching to her faces punishin to carry can queficients with see line. I Understand this hr. Haven has the plant herefray to Snall his to case our apprement + con light at our. 6. I should be place if his Hamilton could fine formand definite perpendo as to manne in which Experients should be carried air. It is les Intrace that are payered should be made the in respect of licence a regally the the appearan Should be conducted Under the personel supervision If Mi Hamille +il slunde le a consilien Mr au nifnmation which he transition carried the Gar stones have stones to president. 2 hoy 421.

Extract from Report by Mr. J. E. Hamilton, dated the 7th of January, 1920. (C.S. 19/20.

During my recent stey at Carcass Island, in . J. Mansen enquired of me whether there was any likelihood of the Governor granting him an emperimental licence for one year in order that he might find out whether the orking of these animals was profitable. He was of opinion that the royalty perable on the skins of these see lions was so great contered with their market withe that it wisht easily abolish the profits on such an undertaking. If the one year's experiment were successful he are clearly that the subject of popular either on the skin or on the oil would have to some up for consideration.

The House is hed to hill one thousend sea lions and to

The previous apprisent in lost 250 on 200 sea lions, but considers that the experience sequired disentation might enable him to contact a profit, but not being sontain of this is the absence of Caffeite or portance to fid not used to pay any royalty mutil he saw the results of his experimental hilling, that is, he desired to have this his mose free of all royalty for one pay alone.

Stanley.

21st.June 1921

CS. 120

Sir,

I have the hocour to request that I may be permitted to kill sea lions on Low Island in Byron Sound for the purpose of preparing oil from the animals.

- 2. I have all the neccessary plant for the work and in the event of permission being granted intend to begin the work as soon as I return to Carcass in July.
- 3.I shall be very pleased to supply any samples of the oid prepared if the Government is desirous of obtaining such specimens

I have the honour to be,

Sir,

Your obedient servant

Jason Hansen

The Honourable Colonial Secretary.

Stanley.

Hon. Col. Sec.

I beg to make the following observations on Mr. Han sen's application to kill sea lions on Low Island.

I.I consider it very desirable that definite data be acquired as to the value of sea lion oil and skins.

II.I understand that Ar. Hansen desires to prepare about 80 gallons for his own use and a small further quantity for experiment by other stations, which he estimates at He wishes to fill his digester once one gallon for each. and is of the opinion that six barrels of blubber would do this but he does not know how much oil would be produced from such a cuntity.

III.I suggest that permission be granted to Mr. Hansen on condition that all oil in excess of 85 gallons should be the property of the Government and should be sent in to Stanley along with two salted skins of each age of seal kill-If the amount of blubber specified should prove to be insufficient to provide samples for Government it would be necessary for Mr. Hansen to kill more seal for that purpose.

IV. The killing should be limited to Low Island.

V. The minimum size of the samples of oil should be stated on the permit and it should be made clear who is to defray cost of salt for skins, receptacles for the oil and of transit to Stanley.

VI.It might be found if the experiments by other stations were satisfactory, that although it might not be remunerative to send oil to Europe a local demand would arise.

I understand that the price of paint oil is very high in the Colony.

g.l. Hamilton

Stipendiary Magistrate.

West Falkland.

22 Jun 1921.

After Reforman raperfile when me to fue his Hance who total without the proposed to will propos der our year old within the to sall with the forement 2 mile fore supper, That the skin of en af might be ty of

I one gallow of each

wer Alackla

24-6-21

29th Able:

03.

1 1 1 m

The reference to your letter of the Clat of Jame, I am directed by the Governor to inform you that his Excellency has granted possible for you to kill sea lions for the purpose of producing oil, on the following conditions:

- (1) That the killing of sea lions shall be limited to Low Island in Dyron Cound.
- (8) That you will provide the Government with solved specimen skins of oschogo of oschogo of oschogo on the Island. The specimens supplicated number not less than one skin of a male sea lion and one skin of a famale sea lion of each of the different ages represented.
- (3) That you will also provide the Government with one galion comples of each grade of oil produced.
- (4) That all oil produced in excess of 85 gallons shell be the property of the Government.
- 9. I om to say that the Government in propaged to bear the cost of the salt for the salting of the skins and the receptacles for the oil samples, and to defray the expenses in connection with the transit of the skins and oil samples to Stonley.

I am,

Sir, Four obedient servent, W. A. EMCHIBON, Acting Colonial Secretary.

Jason Hensen, Esq., Garcoss Island,

la arspland

g. a. Hamilton loghe Superiday magistratie Sur. I have the h inform you that I halled 41 hair real on the Held day of vetwer There real made 41 galoil of one grade one. umandu. I have blots ail this in the bother of a hor and blots a boil in the top reach to be shipped furt opportunity. Thins balled ready for you I Leon. I Clapmatch

thather enablins + a shortage of turny much it late in the season before I could be lost him sealing. Had the seed have later early in betternby I think there wall have been a larger proportion of vil for real ordered and shore close to the water. I was not purelle to fieth out the fat ones.

How pupe short in the water monthly june. I am six abedient sureaut

Jasen Hausen.

3+ 369/21

8+ and OLARY'S OFF CHIEF 1921

Sin

I heave he honour to transmit herewith a report by him. Jaron Hausen on an experimental hibling of rain real (sea lions) by him.

it was hu. Hamen's in ention to kill only the young real under a year old, and I gather mat he has done this, except in the case of the adult

were hilled in accordance with the terms of his Here's

2. The HI real yielded 75 gallows of vil, an arrange of 1.83 gallow per real.

pups alone would have yielded rather less.

The 12 bottles of oil to which repende is made in the report one suples for the forement.

I have be bournt to be Sir, Your obediens

The Honomalle Coverner

recovery.

Naturalis

me morendum.



0.8.0.369/21

To Hon. Colonial Secretary.

30th Jarch.

I beg to state that the case of samples of oil for examination will be forwarded to the Grown Agents per Orcoma.

It is now in the hands of the agents of the Pacific Steam Mavigation Company.

fr. Mamilton.

(J.H. Hamilton)

Covernment Naturalist.



ALL COMMUNICATIONS

TO BE ADDRESSED TO THE

CROWN AGENTS FOR THE COLONIES

THE ABOVE REFERENCE AND THE

DATE OF THIS LETTER BEING QUOTED.

TELEGRAMS, "OROWN, LONDON."
TELEPHONE, 7730 VICTORIA.



1175

4, MILLBANK,
WESTMINSTER,
LONDON, S.W. 1.

16th June, 1922.

Sir,

I have the honour to inform you that we have received a case containing 8 bottles of oil samples, four labelled "single boiling" and four labelled "double boiling", from the Government Naturalists Department, Stanley.

No instructions as to the disposal of these samples have been received, and we shall be glad if you will inform us what you wish done with them.

I have the honour to be,

Sir,

Your obedient servant,

The Colonial Secretary,

Falkland Islands.

for Crown Agents.





TO BE ADDRESSED TO THE

CROWN AGENTS FOR THE COLONIES,

THE DATE OF THIS LETTER BEING QUOTED

AND THE FOLLOWING REFERENCE 5 0/Misc. 330

ALL COMMUNICATIONS

TELEPHONE, 7730 VICTORIA.



WESTMINSTER.

LONDON, S.W. 1.

11th December, 1922.

Sir.

Referring to our letter of the 16th June,

I have the honour to enquire when we may expect to
receive instructions regarding the disposal of the case
containing 8 bottles of oil samples, four labelled
"single boiling" and four labelled "double boiling",
which we have received from the Government Naturalists
Department, Stanley.

I have the honour to be, Sir,

Your obedient servant,

for Crown Agents.

Walbrichhart

The Colonial Secretary, FALKLAND ISLANDS.

25.

Gontleman,

O/Misc. 330 of the lith of December, 1922, I as directed by the deversor to express regret that no instructions were sent regarding the disposal of the oil camples sent to you by the c.e. "Greans" on the lat of April, 1922.

- 2. The oil is related Islands Seel Oil which is intended for examination and analysis and I am to request that you will be so good as to forward the amples to the Director of the Experial Institute for this purpose.
- 3. A copy of a report on the Oil by the Government Enturalist to analoged horewith.

In auplicate.

I EM

Contlomon,

H. Henniker-Meaton, Colonial Secretary.

The Grown Agents for the Solonies,

London, S.W. 1.

IMPERIAL INSTITUTE

of the

United Kingdom, the Colonies and India.

South Kensington, London, S.W. 7. 5th October, 1923.

Sir,

I have the honour to enclose a report on samples of seal oil from the Falkland Islands, which were received at the Imperial Institute in March last from the Crown Agents for the Colonies.

The cils are referred to in a report by the Government Naturalist to the Colonial Secretary dated the 19th January 1922.

I have the honour to be,
Sir,
Your obedient servant,

(Sgd.) Wyndham R. Dunstan.

His Excellency
The Governor,
FALKLAND ISLANDS.

 $\frac{\mathbf{A}}{1}$

Reference to previous correspondence:-

Secretary of State's Despatch No...... of the Governor's

.....19......

FALKLAND ISLANDS. 80

> Downing Street, 10th October 19 23

Sir,

I have the honour to transmit to you the papers noted below on the subject of a Report by the Imperial Institute on Seal Oil from the Falkland Islands.

I have the honour to be,
Sir.
Your most obedient, humble servant,

THE OFFICER ADMINISTERING
THE GOVERNMENT OF THE FALKLANDS ISLANDS.

DEVONSHIRE.

Date.	Description.			
1923				
5th Oct.	From the Imperial Institute (with enclosure)			

IMPERIAL INSTITUTE

OF THE

UNITED KINGDOM, THE COLONIES AND INDIA.

Report on Seal Oil from the Falkland Islands.

The samples of Seal Oil which are the subject of this report were received at the Imperial Institute from the Crown Agents for the Colonies in March, 1923, and are referred to in a report by the Government Naturalist to the Colonial Secretary, dated the 19th January, 1922.

It was stated that the samples represented two grades of seal oil, one of which had been boiled once and the other twice.

Description:

The samples consisted of eight pint bottles of oil. On inspection it was found that the two grades could be readily distinguished by their colour.

The "single boiling" oil was slightly cloudy, pale yellow, and had a fairly strong fishy odour.

The "two boilings" oil was cloudy, golden yellow, and contained a considerable amount of stearin; it had a stronger odour than the "single boiling" oil.

Results of Examination:

After hot filtration, the oils were examined with the following results, which are shown in comparison with corresponding figures recorded for commercial seal oil and whale oil:

PRESENT SAMPLES.	"SINGLE BOILILG."	"TWO BOILINGS."	COMMERCIAL SEAL OIL.	COMMERCIAL WHALE OIL.
Specific gravity at 15°/15° C	0.9274	0.8717*	0.9244 to 0.9261	0.917 to 0.927
Refractive index at 40° C	1.471	1:469	1.4685 % 1.4691	1:4633 to 1:4653
Solidifying point of fatty acids	25.0° C.	29·3° C.	14° to 16° C.	23·0° C.
Acid value	1.5	1.4	0.4 to 40.0	1.0 to 200.0
Saponification value	189.7	190.3	189 to 193	187 to 189
Iodine value (Hubl, 17 hours), per cent	156.0	148:9	130 to 147	110 to 125
Unsaponifiable matter, per cent	0.5	0.5	0.4 to 1.0	0.2 to 5.0

^{*} At 100/15° C.

These results show that, with the exception of the iodine value and the solidification point of the fatty acids, the analytical constants of the present oils are very similar to those recorded for commercial seal and whale oils.

Commercial Valuation.

Both the oils were regarded in the trade as of good quality, and very similar in appearance. If filtered cold they would be particularly suitable for the manufacture of leather oils. One of the firms consulted by the Imperial Institute stated that they would be prepared to purchase a trial shipment of 100 to 200 barrels of the oils at about £30 per ton, barrels included, ex quay, Liverpool, provided that the consignment proved to be of equal quality to the present samples.

Remarks.

These seal oils are of suitable quality for the United Kingdom market, and consignments would be readily saleable.

If it is possible to forward a trial shipment of the oils of the quality of the present samples, the Imperial Institute will be glad to arrange for their sale. Information should be furnished as to the quantities which could be regularly supplied, and the price at which the oils could be delivered, ex qu

5th October, 1923.

(14)

No SILL Correspondence to be addressed—
"THE DIRECTOR,
IMPERIAL INSTITUTE,
SOUTH KENSINGTON,
LONDON, S.W. 7."
and the above number quoted.
Each letter should be confined to one subject.

IMPERIAL INSTITUTE

OF THE

UNITED KINGDOM, THE COLONIES AND INDIA.

SOUTH KENSINGTON, LONDON, S.W. 7.

May, 1924.

Sir,

With reference to Imperial Institute report of October last on samples of seal oil forwarded through the Crown Agents for the Colonies, I shall be glad to learn whether it is now possible to furnish the information asked for in the last paragraph of the report, and whether it is hoped to forward a trial consignment of 100 to 200 barrels as suggested.

I have the honour to be, Sir.

Your obedient Servant,

for the Director.

His Excellency
The Governor,

FALKLAND ISLANDS.