

TRA/FIS/1#11

SECRETARIAT

(Formerly)

0 3 9 2

0
3
9
2

0392

IMPORTED

FISH.

CONNECTED FILES.

NUMBER

--

Removed from 22/40 (Fishing Resources)

On the possibility of the introduction of trout from South America.

Mr. Fookes, during his recent visit to the Falkland Islands told me that Mr. G. Goodall of the Frigorifico Rio Grande, R.A. in Tierra del Fuego had engaged successfully in trout hatching.

I wrote to Mr. Goodall on March 4 and have received his reply by this mail.

Mr. Goodall states that the peaty waters of Tierra del Fuego produce excellent trout from liberated fry. The first were liberated in late 1935 and at the end of 4 years one of 5 lbs and several of 3-4 lbs. were caught and the presence of small fish in 1939 showed that fruitful natural spawning had occurred.

It is his opinion that American Brook Trout and Rainbow Trout multiply quicker and grow more rapidly than Brown Trout but that the Brown is better adapted to Fuegian waters than the Rainbow.

He informs me that Rainbow, Brown and Brook Trout appear to live amicably in the same waters but I should incline to believe that the most quickly growing species might eventually oust the others since large trout are so commonly cannibals.

Mr. Goodall regrets that he is unable to supply ova on account of difficulties of transport but that the Chilean Government can ~~supply~~ supply ova of Rainbow and Brown Trout at \$26 Chilean per 1,000 eggs in boxes of about 80,000 which are delivered at Puerto Montt for an additional \$90. The cost of the whole is therefore \$2170 at Puerto Montt. The rate of exchange obviously ~~xxx~~ affects the cost greatly and depends in turn whether the "official" or "unofficial" rate is concerned. I am told that the unofficial rate may be about \$130 to £1. On this basis the cost would be £16:14s. at Puerto Montt, but it seems improbable that so advantageous a figure could be obtained when dealing with the Chilean Government. There are regular sailings between Puerto Montt and Punta Arenas. Brook Trout (and Salmon) ova cannot be procured in Chile.

An outline of the methods used at Rio Grande is given.

As for natural foods, both "shrimp s" and snails are mentioned and both of these are plentiful in some at least of the streams of the Falklands.

Hatching boxes which have proved satisfactory have been found to require a flow of, about 6 gallons per minute, through a series of ~~6~~ which contained at least 180,000 ova.

Brown Trout spawn may be procured in July and August, Rainbow in September and October.

A translation of a report to the Argentine Government was also sent by Mr. Goodall. In it he makes the interesting statement that a Rainbow has been caught in the estuary of the Rio Grande and supposes from this that there is a possibility of the migratory "Steelhead" form of Rainbow being developed. The Rainbow is notoriously prone to migrate from stocked waters although one race, the "Shasta", is believed to be free from this tendency.

If it could be arranged, that is to say if a steamer were coming from Punta Arenas at a suitable time and if a box of ova could be suitably stored and the ice renewed as requisite, there does not ~~appear~~ appear to be any insuperable difficulty in the way of bringing live ova to Stanley from Chile.

It would of course be necessary to have prepared beforehand a hatchery fitted with boxes and to have on hand the necessary containers for carrying the fry to their appointed destinations.

As I was informed in England the best time for liberation is just before natural feeding begins, 5-6 weeks after hatching.

Since Mr

(115)

2

Since Mr. Goodall offers to supply them I would suggest that I write to him for further details of the hatching boxes and methods.

I would further suggest that renewed enquiries may be made regarding the procuring of trout ova from the Argentine, although previous results were not satisfactory; that however was some years ago.

J. Hamilton
S. Nat.

visited. Some time in 1940.

DECODE.

TELEGRAM.

3-7 removed from 13
(Col. Develop. & Welfare Ad
Fishes Research)

From His Excellency the Governor.

To H.M. Ambassador, Santiago de Chile.

Despatched: July 19th 19 47 Time: 17.00

Received: 19 .. Time:

42a

Following for Commercial Counsellor begins: Your telegram 18th
July to Government Naturalist please inform Chilean Government offer
trout eggs most gratefully accepted. But essential they reach Montevideo
by 27th July consigned care MacLean and Stapledon. Grateful you
arrange care on journey. Ends.

GOVERNOR OF THE FALKLAND ISLANDS.

G. T. C.

LJH.

HE. approved before issue.

See 14C.

GOVERNMENT TELEGRAPH SERVICE.

FALKLAND ISLANDS AND DEPENDENCIES.

42-5.

RECEIVED.

Number	Office of Origin	Words	Handed in at	Date
26	Santiago de Chile	34/35	20.55	19.7.47
To Government Naturalist Stanley.				

Chilean government would supply 30,000 salmon perio gratis freight charges to Montevideo about 24 rtp early despatch necessary as eggs hatch after fifteenth August please instruct.

Larkins Counsellor Commercial.

Reply at 43

Time

No.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

187/3
19th July, 1947. 4

From The Government Naturalist,

Stanley, Falkland Islands.

To The Honourable

The Colonial Secretary,

Stanley.

5
I have just spoken about the attached telegram. It is the result of a letter I wrote to the commercial counsellor some time ago, and offers a gift from the Chilean Government.

6-8
2. Attached is the partly cooked (T.H. Fire) correspondence of 1941; the tone of the letter from the D.G. of the Chilean Fisheries is quite cordial.

3. As the telegram suggests this is fairly urgent.

J. G. Miller

Government Naturalist.

Translation of a letter from the Director General of Fishing and Hunting in the Chilean Ministry of Development to the Commercial Counsellor at Santiago, dated January 7th, 1941.

Trout
Chile
6

Your letter of November 26th was not answered sooner because our expert in fish culture was absent on field work. I now have pleasure in supplying the replies to the questionnaire forwarded in your letter in the corresponding order.

A. The eggs can be despatched in the quantities required from 10,000 upwards, but for despatching to such distances as indicated, it is advisable to make shipments in larger quantities, for which purpose we have "Standard" boxes for 80,000 eggs.

B. The eggs are sold at \$50 the 1,000 placed at the fish hatchery at Lautaro, semi-incubated to the point suitable for standing the journey.

The packing in this case a refrigerated case is by agreement and depends on the size of the case. In addition, there is a further charge for ice and freight.

Briefly, a refrigerated box with 80,000 eggs of either of the two species, brown trout or rainbow trout would cost:-

80,000 eggs at \$50 the 1,000	\$ 4,000
1 refrigerated case.....	150
ice	10
freight from Lautaro to Puerto Montt...	<u>40</u>
<u>Total</u>	<u>4,200</u>

The forwarding from Puerto Montt to Punta Arenas can be carried out by the State Railways, who maintain a line of steamers to Punta Arenas. During the voyage it would be necessary to look after the case and renew the ice every 3 or 4 days, for which perhaps it would be advisable to come to an arrangement with the railways by means of a small gratuity to one of the ship's crew.

With regard to the forwarding from Punta Arenas to Port Stanley, this direction is without any information on this point, but I presume that your Consular Officer in Punta Arenas could arrange for this.

D. The box of 80,000 eggs weighs approximately 70 kilos, and its size is .75 x .60 x .50 metres.

E. Apart from brown trout and rainbow trout, the American brook trout (*salvelinus fontinalis*) has also become established in this country, but it does not seem to have done very well, and is only found in a small scale in the upper Aconcagua valley, and in the Laguna del Inca. In other rivers, although eggs have been placed there, no fishing has resulted.

Nevertheless, there is a good supply of these eggs in the hatchery at Bariloche, Argentine, where this fish has been introduced in favourable conditions.

There have also been introduced into Chile the Rhine salmon (*salmo salar*) or (common salmon) and sea trout (*salmo trutta*). The *oncorhynchus tschawytscha* (king salmon) *oncorhynchus kisutch* (silver salmon) and the *oncorhynchus nerka* (sockeye salmon). These last 3 species are American although the first 2 are European.

While the sea trout is frequently fished in the rivers of the South of Chile, the other species are very rare.

over

47
F. Eggs of the salmo fario (brown trout) are obtainable from end of June until September, inclusive, and those of the salmo irideus (rainbow trout) from the end of August until October.

If it is desired to ship these 2 species in a single consignment, which appears to me to be the most reliable method, this should be done between the 25th August and the 20th September.

G. The eggs on arrival at their destination should immediately be placed in incubators, if these are available, or they could be placed for this purpose in a pebbly river with a moderate current, where they would begin to hatch in a few days.

It is not possible to fix the date of hatching beforehand with any exactitude, since the duration of the incubation depends on the temperature of the water.

H. For provisional installations, it is not essential, though it is very desirable, to paint the apparatus or incubating shelves with varnish or enamel. Here we have been using for this purpose the "black Japanese varnish" and other similar enamel such as "sepaline" and others like it which can be obtained in any hardware or paint store.

So much for the replies of the questionnaire.

Before carrying out the shipments of the eggs, it is indispensable to arrange in advance, the exact and accurate time-table for the journey which for its carrying out requires a combination of various methods of transport and it should be borne in mind that the life of the eggs which are continuing their incubation during the journey is comparatively limited in period. It is for this reason, indispensable to know in advance how many days the eggs are going to be travelling. As far as Punta Arenas, this can be calculated easily on the basis of the time-tables of the steamers, but from that point on to the Falkland Islands, it would be necessary to make enquiries.

In any case, our responsibility ceases immediately after the consignment has left the hatchery establishment. Nevertheless, we are disposed to cooperate in any way in order that the shipment may be a success.

Yours etc.,

Rodolfo Ravanal L.

BRITISH EMBASSY

SANTIAGO

January 14th, 1941.

*Trout
Chile*

49 G.

Sir,

With reference to your letter of September 10th, I enclose a copy of a letter which I have just received from the Director General of Fishing and Hunting in the Chilean Ministry of Development. In connection with your enquiry for trout eggs from Chile, you will observe that the Director General is unable to advise on transport conditions between Punta Arenas and Stanley, but that he suggests that H.M. Consul at Punta Arenas may be able to assist you in this respect. I am accordingly sending copies of the correspondence to H.M. Consul, in order that he may be aware of your enquiry, but I would suggest that you should consult him when your plans are more advanced.

For the purpose of estimating the costs, the value of the Chilean pesos may be taken as 100 pesos to the £.

I am,

Sir,

Your obedient servant,

Stacy

Commercial Counsellor.

O/C

Government Naturalist,

9

CS.

G.N. informs me that he will have to spend a lot of time at the Trail Hatching and has raised again the question of transport; The RN lorry ~~times~~ schedules are of little/no assistance to him; I have told him that I cannot justify the purchase of a motor vehicle for the purpose but that if he can get himself a motor bicycle and sidecar Govt. will give him an advance to cover the purchase and will pay him an allowance (concealage, at rate to be considered) for official use.

MC

12/VIII

No.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

23rd August, 1947. 10

To The Honourable

The Colonial Secretary,

Stanley.

From The Government Naturalist,

Stanley, Falkland Islands.

Trout Hatching.

Grass Burning on Moody Valley Farm.

In past years grass on this farm has been persistently burnt off in the spring and summer.

Since the Moody Brook provides the water supply of my trout hatcher, and is also one of the streams where I intend to put trout this season and since there is good reason to believe that it already contains Brook Trout, I would request that burning may be forbidden since the resultant ash cannot improve the quality of water, and the destruction of the vegetation removes a certain amount of desirable shade from the stream and is very destructive of the insect life to which one normally looks for a source of food for the fish, in the form of flies.

The Murrel River forms part of the North boundary of this farm and it is intended to stock it also if at all possible.

It is a condition of the lease of this ground that burning may only be done with the permission of the O.i.C. Agricultural Department.

I may add that it is my personal opinion that there has already been far too much burning ~~already~~ on this farm.

J. Hamilton
Government Naturalist.

See " x/

95/28 (Moody Valley Lease) to office 2/8/47 pl.
Spoke Dr. Hamilton who quoted from Legal Dept. copies
of above leases:-

"Burning off of the land to take place at such time
and in such manner as may be approved by the Chief
Inspector of Stock and in any case only in the
Spring and not later than the first day of
November."

W.H.

26.8.47

D
20/8

O.T.C. Ag. Dept

10-11 for your views, please.
1s 11 completed with?

GBL
26.8

Hon'ble Sec

There is nothing on the Ag. Dept. files regarding the burning of grass on Moody Valley farm since Mr. Weirs time but, Mr Bender informs me that he has asked permission each year before burning.

Mr Bender would like permission to burn one or two small flats in the vicinity of the two sisters gate, this would in no way effect any of the streams that Mr Hamilton has in view for

f.B.B. O.T.C. Ag Dept
29/8/47

O.T.C. Ag. Dept.

P. discuss with G.N. before you
in permission. X of 10 is to be
k.i.v.

GBL
29.8

Hon'ble Sec

I have discussed this with Dr Han
X of 10 is noted. f.B.B. O.T.C. Ag Dept
1/9/47

BA

G.N.

A

To see & compare 12 pc. Y.E.D.

2. In this. Thank the Chicken Govt. for their trust & I shd. be glad if you would draft an appropriate letter.

C.Rh
2.9

B

H.C.S.

I had a conversation with Mr. B. and he explained the position. There are two smallish patches and I want outside my warrant a bit to suggest that only one should be burnt in order to compare the conditions of new growths (seedling grasses) later on.

The burning should be done by Mr. Browning who is, ^{as} understood, quite willing to do it.

2. Draft corpus att^d. I have laid it on a bit since it is for transmission to Latin who understands such language as we do understand.

J.E.D.G.N.
16-ix-47

C

O.C. Ag. Dept.

As a B S 1 pc.

Hatched Sec

C.Rh
16.9

Noted. J.B.B. O.C. Ag. Dept.
17/9/47

A

YE

3, 13 A 52

Shall I send letter back
to Commercial Counsellor,
Santiago, 'by direction'?

B

Abbe

Acay MC 19/IX

18.9.

C.

0392

19th September, 47.

Sir,

3.
See 15

I am directed by the Governor to refer to the Governor's telegram of the 19th of July, 1947, and to ask you to convey to the Chilean Government His Excellency's appreciation and thanks for the generous and friendly gift of 30,000 Salmo fario eggs. The gesture is greatly appreciated.

2. The consignment of eggs arrived here in better condition than any previous shipment. This is particularly interesting as they had to ascend to the altitude necessary to cross the Andes.

3. Dr. J.E. Hamilton, the Government Naturalist, reports that hatching began a fortnight after arrival and has been proceeding briskly during the last fortnight.

4. The water supply is cold, usually under 40 degrees Fahrenheit, so that development is naturally somewhat slow compared with that in waters of higher temperatures.

5. There are good hopes that these trout will be the foundation of a stock of breeding fish.

I am,

Sir,

Your obedient servant,

Commercial Counsellor,
Santiago,
CHILE.

VP.

(Sgd.) A. B. M. J. E. W. S.

Colonial Secretary.

PAO...



STATEMENT OF CHARGES

Air Freight	Ch.\$ 350.55
Transport	45.00
Tips	30.00
Ice	5.00
	<hr/>
	Ch.\$ 430.55

At Ch.\$ 124.78 to £1. - £ 3-9-0

0342



Admin pt
MC

BRITISH EMBASSY
SANTIAGO.

No. 575 G.
1149

18th August, 1947.

pp
A
10/7

Your Excellency,

3

I have the honour to refer to your telegram of 21st July concerning the shipment of 30,000 trout eggs which were offered to you by the Chilean Government, and to inform you that the box was forwarded by Pan American Grace Airways, consigned to the Embassy at Montevideo, on 24th July.

The Commercial Secretary at Montevideo was informed by telegram, and was asked to collect the package, and deliver it to Messrs. Maclean and Stapledon for shipment to Your Excellency, with instructions to store in a cool place, and to change the ice frequently.

Every possible precaution was taken at this end to ensure the safe arrival of the eggs. The Market Officer, Mr. Malcolm Gale, who negotiated with the Chilean Government, met the eggs on their arrival at Santiago, and arranged for their storage and changes of ice till they were placed by him on the aircraft the following day, with the necessary instructions for their care.

16

A statement of the charges involved is enclosed herein, and I would be grateful if Your Excellency would forward a sterling cheque for the amount involved.

An expression of your Excellency's appreciation of this courteous gift on the part of the Chilean Government, has been transmitted to the Authorities concerned

I have the honour to be,
Sir
Your Excellency's obedient servant

J. B. Larkins

His Excellency
The Governor of the Falkland Islands,
Port Stanley,
FALKLAND ISLANDS.

29 de Julio de 1947

17

1334/02435

es EMBAJADA BRITANICA

al contado

Valor del flete Aeream por un embarque de Ovas
segun Guia Aerea B-581491 de Santiago a Montevi-
deode fecha 24 de Julio de 1947

333.85

Impuesto 5 % cifra de Negocios sobre \$ 333.85

16.70

\$ 350.55

SON: TRESCIENTOS CINCUENTA PESOS 55/100 moneda legal

*cancelado
30-Julio-1947
Rostel*

ct.

PAN AMERICAN INTERNATIONAL AIR EXPRESS SERVICE
PAN AMERICAN AIRWAYS SYSTEM

EMBAJADA BRITANICA
Embajada Britanica

GUIA AEREA
NO ES NEGOCIABLE

227 3° piso SANTIAGO DE CHILE
18

I Embarcador: Embajada Britanica
 II Punto de Salida: SANTIAGO DE CHILE
 III Para recibir a: (Escriba nombre y dirección)
 Dirección: (Escriba nombre y dirección)

(La entrega de los Artículos se hará únicamente al consignatario anteriormente expresado en el número II, a menos que dicho consignatario fuere uno de los Portadores bajo la presente guía, según se define al dorso del presente documento, o en su defecto a un representante, o en ese caso a la persona nombrada en el número III anterior, con respecto a los términos y condiciones mencionados y referidos en el presente documento.)

Número de Bultos y Modo de Embalaje	Descripción por el Embarcador de los Artículos y Marcas Especiales e Números (En el presente documento denominados los Artículos)	Valoraciones Declaradas por el Embarcador* (Módulo de los E. II, de A.)		Peso en Kilos (Módulo a certificación)	Peso en Libras	Volumen
		Para Aduanas	Para Transporte			
01	01 CAJON conteniendo OVAS	SVC	12.91 10.77	11.000		

2 PARA SER TRANSPORTADOS en el SERVICIO PAN AMERICANO DE EXPRESO AEREO INTERNACIONAL, según se define al dorso del presente.

(a) De (A) a (B) Via
 (Punto de Salida) (Punto Terminal)
 (b) De (C) a (D) Via
 (Punto de Salida) (Punto Terminal)

siempre y cuando, y en el número, cantidad y condición, en que sean recibidos los Artículos por un Portador en cada Punto de Salida, respectivamente, y al llegar los Artículos a cada Punto Terminal para ser en este Punto remitidos y consignados para transportarse por otra agencia de transportes no perteneciente a dicho Servicio Pan Americano de Expreso Aéreo Internacional según se propone en el número 2 abajo, o al último Punto Terminal mencionado es el de Destino para ser entregados allí conforme a la consignación arriba expresada en el lugar usual de entrega del Portador al punto de Destino, previo pago de todas las cantidades adeudadas conforme al presente documento, y de todos los derechos y demás impuestos del Gobierno, el pago de todo lo cual garantiza el embarcador; y

2 PARA SER REMITIDOS y consignados, (a) en el punto de recepción que se expresará en el número 2X que sigue a continuación, por la Compañía, si este fuere distinto del señalado como el punto A, siempre que se acuse recibo de los Artículos en el número 2X por la misma, y (b) en cada Punto Terminal (si es otro que el de Destino), siempre y cuando, y en el número, cantidad y condición, que los Artículos lleguen a dicho Punto Terminal, para su transporte al próximo siguiente Punto de Salida arriba indicado o al de Destino por otra Agencia de Transportes no perteneciente al antes mencionado Servicio, o por dicha otra agencia de transportes y sus coaliadas, o cuando no pueda obtenerse prontamente un contrato de transporte de dicha otra agencia para transporte continuo sobre sus rutas, o sobre las suyas y las de sus coaliadas, directamente a dicho próximo siguiente Punto de Salida o de Destino, luego a un punto intermedio, y asimismo en cada dicho punto intermedio para ser remitidos y consignados para su transporte de allí, y así sucesivamente una o tantas veces como sea necesario, hasta que pueda obtenerse un contrato para el transporte de los Artículos por otra agencia de transportes, o por ella y sus coaliadas, directamente a dicho próximo siguiente punto de Salida o de Destino, todo ello con sujeción a los cargos y antísimos (y al previo pago de éstos que el embarcador garantiza) y a las clasificaciones, tarifas, reglas, reglamentos, condiciones e itinerarios de dichas otras agencias de transportes y sus coaliadas, y a todos los términos y condiciones de sus contratos de transporte, conocimientos y/o recibos, ya se hayan o no expedido.

Si los Artículos no pueden ser remitidos o entregados según consignación: Abandónense; Devolvázanse al Embarcador;

El embarcador por la presente certifica que la declaración anterior sobre el número de bultos y descripción y valoración de los Artículos para los seguros y para el transporte, es del y exacta, y conviene en que LA RESPONSABILIDAD DE LOS PORTADORES EN NINGUN CASO EXCEDERA de la Valoración Declarada por el Embarcador para transporte anterior, responsabilidad que deberá extenderse a base de dicha valoración y el embarcador por la presente renuncia en que todos los términos, condiciones y estipulaciones, expresados o referidos en esta Guía Aérea obligaran al embarcador y a cada uno de los dueños de los Artículos o a cualquiera de los interesados en los mismos.

Fecha de de 19.....
 Embarcador:
 Si el embarcador ha pedido el seguro arriba indicado y si el transportador mencionado en el primer renglón ha firmado debidamente el módulo 2, este embarcador queda asegurada por The Sea Insurance Company, Ltd., en la cantidad del valor declarado por el embarcador para el transporte arriba indicado (limitándose la indemnización a la pérdida efectiva), cubriendo el seguro todos los riesgos de pérdida o daño físico proveniente de cualquier causa externa, salvo riesgos de guerra, hostilidades, el robo o la adquisición de algún gobierno, huelgas, motines, insurrecciones, rebeliones o disturbios civiles, bajo y con sujeción a sus pólizas, formas, términos y condiciones que están disponibles para el estudio del embarcador. Toda reclamación se presentará a Overseas Sea, Mgrs., 59 John Street, New York, N. Y.

2X Recibido por PAN AMERICAN-GRAVE AIRWAYS, INC., en el día de de 19..... bultos, en aparente buen estado, con las excepciones anotadas, que se dice contienen efectos de la anterior descripción. La Compañía conviene sobre y con sujeción a los términos, condiciones y estipulaciones expresadas y referidas en el anverso y al dorso de la presente Guía Aérea, en que dichos bultos serán remitidos y consignados para su transporte por otras agencias de transportes en los puntos y bajo las estipulaciones propuestas en el número 2 anterior, y en que los dichos bultos, siempre y cuando, y en el número, cantidad y condición en que sean recibidos por un Portador en cada Punto de Salida arriba expresado, serán transportados en el Servicio Pan Americano de Expreso Aéreo Internacional, desde dicho lugar hasta el próximo siguiente Punto Terminal arriba expresado, y donde dicho Punto Terminal fuere el de Destino, serán entregados allí según queda estipulado en el presente documento.

Se firman seis ejemplares a nombre de Pan American-Grace Airways, Inc., en la fecha arriba expresada, y en el lugar también arriba expresado, todos del mismo tenor, bastando el cumplimiento sobre cualquiera de dichos ejemplares para que se estime como total cumplimiento de todas las obligaciones respecto de todos dichos ejemplares.

PAN AMERICAN-GRAVE AIRWAYS, INC.
 Por: Julio 47

Nota: Pongase una lámina debajo de esta copia, antes de escribir en este espacio.

PANAGRA SANTIAGO

TOTAL		C. O. D.
335.85		
(Especifíquese la moneda)		
Por cargo del Embarcador	DESBOLSOS (Deducción)	
16.70	Impuesto	
350.55		
TOTAL		
8	Adjudado por el Embarcador	8
	Adjudado por el Consignatario	
	Equivalente en moneda Local	

RECEIVED from on 19..... at packages said to contain property described above value declared by shipper to be Dollars, for carriage to subject to the Classifications and Tariffs and to the terms and conditions of the undersigned's Unit Express Receipt in effect on the date hereof, in lieu of the terms and conditions of the attached Airwaybill

RAILWAY EXPRESS AGENCY, INCORPORATE

G.M.

19 be 'thanked' at 14 C.
Re. arrange payment.

Abel
20..x

A.T.

How wd. this be done please.
J.S.A.G.V. 20-4-47

G.M.

We cd, I must arrange with D.I. Co
to pay collect this bill, through
my agents in ~~W.S.~~ P.A.

A.T.

wd. you please do so.

John
25/x

2. 10 does not seem clear who has
so we had better pay to the Com.
Counsellor L.B. SLARKINS, (I think)
better be confirmed from F.O.
(we signed me on (15)). J.S.A.G.V.

27-x

H.C.

This has been arranged pl.

A.T.

Many thanks.

John
12/11.

now debited to my note

J.S.A.G.V.
16-XI-47

GOVERNMENT TELEGRAPH SERVICE,

FALKLAND ISLANDS AND DEPENDENCIES.

SENT.

Number

Office of Origin

Words

Handed in at

Date

Copy to G.N. for inf.

11. 11. 47.

To

LENEY SURREY TROUT FARM. HASLEMERE.

Have you any information regarding cost Despatch eggs via South American Airways?

HAMILTON.

Time

Drafted by H. E.

C.S.O. No.....

Inside Minute Paper.

Sheet No. 24.....

A.S.

No thanks you. The egg are on
board "California"

J. E. D.
29-XII-47

Make
312

GOVERNMENT TELEGRAPH SERVICE.

with

FALKLAND ISLANDS AND DEPENDENCIES.

SENT.

Number	Office of Origin	Words	Handed in at	Date
Copy to G.N. for information.				12. 11. 48.
To				
LENEY SURRY TROUT FARM HAMILTON				

Ship expected leave Montevideo for here December 24th stop What will be cost freight on 5000 or 10000 eggs by South American Airways?

C.S.

Please issue
(Intld) M.C.

HAMILTON.

Appd. (Intld) M.C.
11/11.

Time

Rec. 7/12 ABG
13/11

LJH.

No.

MINUTE.

22

(It is requested that in any reference to this minute the above Number and the date may be quoted.)

4th December, 1947.

From The Government Naturalist,

To The Honourable

The Colonial Secretary,

Stanley, Falkland Islands.

Stanley.

I have spoken with the Executive Engineer about clearing the supply pipe to my hatchery and he very properly told me that there were many things of urgency for his Department. It is necessary that this pipe should be opened up before the next batch of eggs arrives (from U.K. by air) which are booked to sail from Montevideo on the 24th of this month. There will, as usual be holidays about Christmas.

Further. in order to ensure that the water is not polluted with oil &c. it should run through the pipe for several days before the eggs arrive.

I should be grateful therefore if this work be given the necessary priority.

The hatchery became free of fish only yesterday, the 3rd.

(ny)

J. E. Daniell
Government Naturalist.

MARK

Copy sent to S.S.

EE

Honourable Colonial Secretary

You loves

1 sd. to grateful & stand to his. ASE

Work to start will commence Monday 15/12/47.

23

21/12

G.N.

22/12
Abel
13/12

H.O.S.

The work is done, mainly by me.

J.W.S.N.
17-XII-47

for 21
27/12
Abel
19.12

G.M.

Do you want any more
action on this f.c., etc.?

Abel
23.12

No.

MINUTE.

25

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

5392

3rd. January 1948 19

To Oi/c Treasury

From GOVERNMENT NATURALIST

STANLEY

Stanley, Falkland Islands.

By the "Lafonia" a box of Trout Eggs arrived. It had travelled by air from U.K. to Monte Video and the attached account has been forwarded by Messrs. Maclean and Stapledon, Monte Video.

I shall be obliged if you will make the arrangements necessary for the Crown Agents to make payment of £46-8s. to the firm whose name is on the account, and at the address underlined. The head of the firm is Mr. D.F. Leney

2 copies

See 26.

J.F.D.
From Naturalist

Leney's

Can Mr. C.A.'s be asked to pay pl.?

Wrap letter attached

Return to P.T. after draft letter is approved pl. *W.H. 20/1/48*

J.H.
R.F. 17/1

26
0392

Copies to: Treasury
Audit

23rd January, 1948.

Gentlemen,

27
I am directed by the Governor to request you to pay the sum of £46. 5.-. to the Surrey Trout Farm, Haslemere, covering a consignment of Trout Eggs, debiting this amount to the Colony's General Account.

I am,

Gentlemen,
Your obedient servant,

(Sgd.) A. B. MATHEWS

Colonial Secretary.

The Crown Agents for the Colonies,
4, Millbank, Westminster,
LONDON, S.W.1.

VP.

a.T.
to sup pl.
23/1/48

27

THE SURREY TROUT FARM & UNITED FISHERIES, LTD.

TROUT OF ALL KINDS. ORNAMENTAL AND COARSE FISH.
 NATURAL FOODS AND WATER PLANTS FOR INCREASING FOOD SUPPLY.

BIOLOGICAL MATERIAL.
 INSPECTIONS AND ADVICE.

Dr J. E. Hamilton,

December 22nd 1937.

Naturalist's Department, Stanley, Falkland Islands.

The Surrey Trout Farm, Haslemere.

TELEGRAMS: ANDREWS, SHOTTERMILL.
 TELEPHONE: HASLEMERE 364.

Midland Fishery, Nailsworth, Glos.

TELEGRAMS: MIDLAND FISHERY, NAILSWORTH.
 TELEPHONE: NAILSWORTH 53.

U.K./H.M. Customs ref. 79992/47.

1947
 Dec.
 22nd.

To. 10,000 Brown trout eyed eggs.

1 Special wood & aluminium box & trays.

Rail carriage & London expenses.

Cable to Falklands Nov. 15, 1947.

Freight & disbursements, B.S.A.A. Corpn.

£2.	£ 20	0	0		
	5	0	0		
	1	2	0		
		10	5		
	19	15	5		
	246	8	-		

GOVERNMENT NATURALIST
 FALKLAND ISLANDS

*G.H. to note, pl.
 signed
 23/1/48*

*J. G. O. N.
 24-1-48*

H.C.S.

For your information.

0392

28

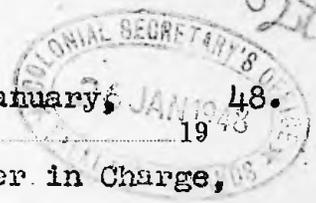
No.

(It is requested that, in any reference to this minute the above Number and the date may be quoted.)

J.E.W.
G.N.

MINUTE.

24th January, 1948.



To The Naval Officer in Charge,

Stanley,

Falkland Islands.

From The Government Naturalist,

Stanley, Falkland Islands.

I have heard that on the return of H.M.S. Snipe it is intended to throw the two 300 ft. masts at the Wireless Station.

2. Since there is a large number of newly hatched trout in my hatchery and they are extremely delicate at their present stage I am most apprehensive as to the results of such action. These creatures are little more than free swimming embryos and most susceptible to shock.

3. I should be grateful for confirmation or otherwise of the rumour in para. 1.

J.E.W. Hamilton
Government Naturalist.

Reply 29



SUBJECT : DEMOLITION OF 310' W/T. MASTS.

FROM : THE NAVAL OFFICER-IN-CHARGE, FAIRLAND ISLANDS.

DATE : 26th. January, 1948.

No. F.1/60/62.

TO : THE GOVERNMENT NATURALIST.

(Copy to: - The Hon. Colonial Secretary.)

I have to confirm that it is intended to throw the two 310 foot masts at the W/T. Station by the Demolition Party of R.N.S. Snipe. I much regret that this should seem to involve risk to your trout hatcheries, but it is most undesirable that the masts should be left. I fear, therefore, that I can only agree to let them stand for the nonce if you will accept the responsibility of throwing them a less adolescent period in the life of your young trout.

COMMANDER, R.N.

1 see 280

Copy. 29

30

SUBJECT : DEMOLITION OF 310' W/T MASTS.

FROM. THE NAVAL OFFICER-IN-CHARGE, FALKLAND ISLANDS.

DATE. 26th January, 1948. No. F. 1/60/62.

TO THE GOVERNMENT NATURALIST.
(Copy to :- The Hon. Colonial Secretary.)

I have to confirm that it is intended to throw the two 310 foot masts at the W/T Station by the Demolition Party of H.M.S. Snipe. I much regret that this should seem to involve risk to your trout hatcheries, but it is most undesirable that the masts should be left. I fear, therefore, that I can only agree to let them stand for the nonce if you will accept the responsibility of throwing them ^{at} a less adolescent period in the life of your young trout.

(Sgd.) MARSHALL.

COMMANDER , R.N.

↓

H. C. S.

It will be necessary to raise this matter
~~at~~ as soon as H.E. returns

K. E. wd. require authority to undertake
 the work.

J. H. S. N.

26-1-48

Urgent

No.

H.C.S.

MINUTE.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

Copy for your information pl.

27th January, 1948. 32

G.N.

To The Naval Officer-in-Charge,

From The Government Naturalist,

Stanley,

Stanley, Falkland Islands.

Falkland Islands.

29

I thank you for your minute of 26th January and would inform you that I am taking steps, immediately on the return of His Excellency the Governor, to secure authority for throwing the masts at the earliest possible date after liberation of my alevius as fry. (0) 6 weeks from now.

0392

J. D. ...

Government Naturalist.

EF

28-32 Can you arrange to know the masts when the line comes?

Asst
29.1

A.

H.C.S.

A

1. ~~That~~ Throwing the masts is a skilled job and should be undertaken by the Navy since it is their responsibility. There are no qualified demolition men here (on P.W.D. staff).

E. S. Beenting 29. 1. 48.

B

NOTE.

Can you be say why the masts shd. not be left standing — at least until next visit of L.H.M. Ship?

Absh
30.1

Hon. C.G.

THIS proposal is, I feel, rather hard on the Government Naturalist as he presumably will have to accept liability should any damage from the masts occur before the next visit of an H.M. Ship.

Nothing has been arranged to my knowledge as regards such a visit next year. In view of the recent Naval reductions, I am not prepared to state that such a visit will occur next year.

Meanwhile, the extensions on the tops of the masts are unsafe to the extent that it has not been possible to repair nor even to paint them. If the masts are left standing there is a risk of damage to our pumping station and also to a Rhombic Timber Tower (an expensive structure) Unless this liability can be accepted, I fear that it is not possible for me to modify my offer in Red 29.

Alternatively, since most regretfully I cannot help further in this matter, is it possible for the

- Trout eggs
- Embryos
- Alevins
- Fry
- What have you

to be removed temporarily from this unhealthy position in H.M. W/T. Station?

AS
2.2.48.

35

G.N.

33-34

A

for your remarks, etc.

A.H.L.
3.2

B

Hon. Col. Sec.,

It is, I consider, obvious that I can accept no liability for damage resulting from bits dropping off Naval W/T masts, or from explosion and concussions originated by the Navy.

2. I know of no means by which alevins can be removed without destruction.

3. ? If the Naval Officer in Charge insists on demolition the Navy must be prepared to make good any damage which may accrue, that is to say, in prospect, the cost of the consignment of eggs, about £50, plus one half of my salary on account of time expended on work rendered fruitless; I suggest that such a claim on behalf of the Administration would be reasonable.

4. I have not the technical knowledge required to comment on the Executive Engineer's minute A on 33.

5. May I add that the introduction of trout is of some importance to the Colony and is appreciated by the people.

J. H. Hamilton

Government Naturalist.
5.ii.48.

C.

N.O.T.C.

B of 3

"You have been warned."

A.H.L.
5.2

[Faint handwritten notes and signatures]

SNIPR

From

H.O.T.C. PALKLAUD ISLANDS.

36 Your 112035. Demolition ordered by Admiralty. Cannot therefore defer it on account of the risk to trout unless Government will accept responsibility for felling and for any damage before they are felled.

Governor Deputy

P. Presumes Governor will make decision on arrival.

120247.B. Feb.

M ABC
12/2

LE

YE.

28-38

need only see 28-35, is sum
of 36-38.

2. I think we shall have to let
them know the results?

ABL
12/2

Already done.

MC 14
11

ABL
16.2

N.O.I.C. FALKLAND ISLANDS

From

36
SNIPE

Your 101004. Governor has no objection provided there is
no risk of damaging trout hatchery.

Presume this demolition has been approved by C in C.

Reply at 37

112035Z.

Feb.

GOVERNMENT TELEGRAPH SERVICE.

40

FALKLAND ISLANDS AND DEPENDENCIES

SENT.

Number	Office of Origin	Words	Handed in at	Date
	Copy to G.N. for inf. Diller			2. 11. 48.
To	LEWNEY BURREY TROUT FRAM.	HALSEMERE.	H.O. Acc.	

Syreford was better than Tockenham regret error in
letter

HAMILTON.

PA
3 "

To. The Hon. Col , Sec.
From. The Agricultural Officer.
Date. 22nd. March, 1949.

Recd. 24.3.49

41

In respect of Trout instructions left with me by Dr. Hamilton are that I should now start to make arrangements about importing another 10,000 eggs from Chile.

I have however already over spent my vote on these matters with the Importations from England of the last 10,000 eggs.

Dr. Hamilton has reported that the trout now in Moody Valley Stream have spawned last Autumn.

May I now suggest that instead of procuring Chilean eggs this time I inaugurate a scheme of setting up a fish trap, that is arrange a net across the Moody Brook so that we may be able to take trout thus impeded in their way up stream to lay, and take eggs from them.

This would occur after the end of April but I would like to have arranged the fish trap by say 25/4/49.

A dozen fish, females, should supply 10,000 eggs or thereabouts and smelt from one male would suffice..

If the scheme were a failure we could go on and obtain eggs again from England next January, or for that matter we can still do this if the scheme is a success.

To catch and take fish from Moody Valley Brook would require His Excellency's permission as I understand there is an Ordinance prohibiting such without His specific permission.

John P. Collins.
Agricultural Officer.

A.O.
You are authorized to take fish
from Moody Brook under Fisheries
Regs 1944.

*R.H.
G.D.
26/3.*

H.C.S.
Noted Many thanks
I will so proceed

J.P.O. 28/III/49
so

Hon. Col. Sec.
Agricultural Officer.
1st August, 1949.

42

0392

Re. Trout Ova.

In this matter I have been unable to obtain spawn from the fish in Moody Valley Brook because all the fish we have obtained have been immature and our fish trap was broken down when more mature fish might have been on the move upstream. Such eggs you may recall were to replace the consignment Dr. Hamilton used previously to obtain from Chile and thus we were saving dollar exchange. The time has now however arrived when the matter of importing eggs again from England to arrive here in January next must be considered, a letter must be despatched next mail.

There is not the money in the Vote XII sub-head 3 Trout Ova to pay for those eggs which were received last January, ordered by the Naturalist before his retirement, On receipt of the Crown Agents Account I shall have to ask for a Special Warrant for them.

I know the continuation of the Trout introduction scheme is in every way desirable but owing to the financial background feel I must bring this matter to your notice so that I might have definite instructions as to how to proceed.

X { Also in these matters may I beg to mention that the Naturalist tried unsuccessfully to obtain Salmon Ova so that they might be introduced into the Islands streams.

On the evening of the 28th July I heard a broadcast from the B.B.C. where a Major Lockwood of Wales was speaking of rearing himself privately Salmon Fingerlings in a hatchery he has for a hobby. The Broadcast was at 1 hr. 25 minutes on 29th July, 1949 G.M.T. perhaps this could be a source to obtain some from but of course this again would entail expenditure for which there is no estimate.

John P. Oliver
Agricultural Officer.

M. K. 1/10

43

A.O. thank you pl. spk nys

K.H.
5/8

H.C.S. We spoke. I will forward s/w as suggested. ~~if possible~~
but A/T. says ^{it may} will be charged to 1948 J.P.O.
D/C's what we have £29 in hand... I will only
ask for £25. D.O. 9/12/49

PA
K.H.
5/8

The Hon. Col. Sec.
From. The Agricultural Officer.
Date. 9th September, 1949.

0392

In respect of Trout Ova .

In going through the Estimates The Honourable the Acting Governor has quashed Head XIV Naturalist but has opened a new sub-head in head II Agricultural Department for Trout Ova for \$45.

With this in view could a telegram be sent to D.F. Leney, Surrey Trout Farm, Haselmere, England . as attached.

John P. Lewis
Agricultural Officer.

Appd Riv
12/9.

To. The Hon. Col. Sec.
From. The Agricultural Officer.
Date 3rd October, 1949.

Copy.

In the light of the attached bill I submit Special Warrant for £10 to cover the more than anticipated expenditure for which I submitted a previous Special Warrant which has not yet come back to my Department, also I would be grateful if you could arrange for the Crown Agents to make payment to the Surrey Trout Farm, Haslemere, for the account.

John P. Lewis
Agricultural Officer.

42

Y.H. linked to the Kilo file. 42. contains the relevant information.
Kilo.
14/9.

C.S. See T.7.

! 14/9.

BA Kilo
14/9

THE SURREY TROUT FARM & UNITED FISHERIES, LTD.

TROUT OF ALL KINDS. ORNAMENTAL AND COARSE FISH.
NATURAL FOODS AND WATER PLANTS FOR INCREASING FOOD SUPPLY.

BIOLOGICAL MATERIAL.
INSPECTIONS AND ADVICE.

The Naturalist's Department,

6th January 1950.

Stanley, Falkland Islands.

The Surrey Trout Farm, Haslemere.

TELEGRAMS : ANDREWS, SHOTTERMILL.
TELEPHONE : HASLEMERE 364.

Midland Fishery, Nailsworth, Glos.

TELEGRAMS : MIDLAND FISHERY, NAILSWORTH.
TELEPHONE : NAILSWORTH 53.

1949.
Jan. 11th.

To,
15,000 Brown trout eyed ova.
Box & trays,
Expenses,
Freight per B.S.A.A.,

26	5	-
2	-	-
6	8	9
24	6	8
<hr/>		
£ 59	-	5.
<hr/>		

The Hon. Col. Sec. ⁰³⁹²

The Agricultural Officer.

24th February, 1950.



5

Re. Trout Fingerlings, we now have about 8,000 on hand the yolk sacks are not quite assimilated in all of them but most are just commencing to eat. Any time this week end a lot we could however pick out the forwardest to despatch.

It is proposed to do this in say 8 lots tentatively to

Port Howard	by plane
Port San Carlos	" "
Pebble Island	" "
Chartres	" "

Darwin & North Arm by boat or plane for Lafonia.

The Fox Bays by boat.

The Fitzroy river by pack-horse, the last lot.

and one other consignment to Port Stephens, Hill Cove or Roy Cove whichever could ^{be} most easily arranged.

As the plane has one or two trips on hand to Port Howard could the trout be sent with the last of these? If so I could notify the Manager there so that he would have transport available to take them on to the head stream of the Warra River.

John P. Oliver
Agricultural Officer.

pps

YE.
is, I think, interested in the trout hatchery and may wish to see A.O.'s proposals for distribution of the current batch of fingerlings.

6 MAR 1950

Seen. I will visit as soon as I can find time.

We should not need to visit after this year?

Mc. 6/11

A.O.

Distribution agreed. Sorry these papers did not come to my attention until the P.H. flights were nearly over. It arrange despatch as soon as possible. Penelope is going to Port San Carlos, skiffed by Mr. Huddle, tomorrow, will be calling at Port Howard.

4) Last para of H.E.'s minute. f.g.v. fl.

7 MAR 1950

H.C.S.

Have sent fish to Port San Carlos by Penelope. But as boat not going to P. Howard now did not dispatch fish for same. John P. Lewis 8/11/50

O/C

At com. Have we already entered for F.C.?

9 MAR 1950

H.C.S.

I have the A.T.S.E. but it is too late for tomorrow's meeting, will have to await the next one.

RHS
10/3/50

Noted f.g.
B.V. for next F.C.

11 MAR 1950
B.V. 34/3/50

GOVERNMENT TELEGRAPH SERVICE.

52

FALKLAND ISLANDS AND DEPENDENCIES.

SENT.

Number	Office of Origin	Words	Handed in at	Date
				31. 3. 50.
To <u>CROWN LONDON</u>				

Please pay to Surrey Trout Farm Haslemere sum of fifty nine pounds and five pence in respect of trout eggs supplied in January 1949.

COLONIAL SECRETARY.

Time

Handwritten initials and date:
11/1/50

LJH

To. The Hon. Col. Sec.
From. The Agricultural Officer.
Date. 22nd August, 1950.

0392

53

Sir,

I would be grateful if you would please instruct the Crown Agents to pay The Surrey Trout Farm of Haslemere, Surrey, England the amount of £61-13-9 and ask them to charge the amount to Agricultural II. Sub-head 17 Trout Ova.

John P. Lewis
Agricultural Officer.

See 54

~~pps~~

54

THE SURREY TROUT FARM & UNITED FISHERIES, LTD.

TROUT OF ALL KINDS. ORNAMENTAL AND CLARSE FISH. BIOLOGICAL MATERIAL.
NATURAL FOODS AND WATER PLANTS FOR INCREASING FOOD SUPPLY. INSPECTIONS AND ADVICE.

The Agricultural Officer,

June 17th 1950

Department of Agriculture, Stanley, Falkland Islands.

The Surrey Trout Farm, Haslemere.

Midland Fishery, Nailsworth, Glos.

TELEGRAMS: ANDREWS. SHOTTERMILL.
TELEPHONE: HASLEMERE 364.

TELEGRAMS: MIDLAND FISHERY, NAILSWORTH.
TELEPHONE: NAILSWORTH 53.

1949.
Dec. 27

To:

10,000 Brown trout eggs @ 1/2

Travelling bot & trays

Incidental expenses.

Air freight to Montevideo, per B.O.A.C.

20	-	-
3	-	-
3	5	10
35	7	11

£ 61 13 9.

See 53

Non a.o.

A.

Have you provision to meet this
 a/c pt. bearing in mind that you will
 shortly be charged £59.0.5 for previous
 consignment (see page 52) which LPA's have
 been requested to pay. Otherwise an
 A.I.S.E. should be submitted.

ATC
 23/9/50

H. B. S.

A.I.S.E. attached to cover all
 outstanding a/c.

A. P. W. M.
 A. O.
 24.VIII.50

ATC.

AISE. In
 next J.C.

Now is
 not a
 26/8

26 AUG 1950

6/11
 29/9/50

To. Asst. Treasurer.
From. Agricultural Officer.
Date. 17th January, 1951.



57

I would be grateful if you would instruct the Crown Agents to pay the attached account and charge to (Head II Sub-head 17) *General a/c.*

John P. Lewis
Agricultural Officer.

Hon Co.
Submitted for
favours of v. a. p.

JPL
18/1

Office

For a pl
LPL

Copy
56 is ~~the~~ the same
order pl? *Q*

yes, but it might
be as well to send
a/c. to G.P. 11.11

22/1

56 *LPL*

0392

Copies to: Treasury, Audit

56.

13th October, 50.

Gentlemen,

I am directed by the Governor to ask you to be good enough to settle, on presentation, an account from The Surrey Trout Farm, Haslemere, in respect of the purchase of 10,000 trout eggs, which have been ordered direct from the firm.

I am,
Gentlemen,
Your obedient servant,


(Sgd) Michael R. Rayner

COLONIAL SECRETARY.

The Crown Agents for the Colonies,
4, Millbank, Westminster,
LONDON, S.W.1.

See 58

P.A

0392

To. The Hon. Col. Sec.
From. The Agricultural Officer.
Date. 31st January, 1951.

59

Trout Fingerlings.

These are hatching out now and if all goes well we should have some 8,000 to dispose of starting with the distribution in about 3 weeks time.

I had tentatively thought to distribute them in 8 1,000 fingerling lots.

Hoping to send 5 to the West, Port Stephens, both Fox Bays, Hill Cove and Roy Cove.

And 3 to the East, Port San Carlos, Douglas Station and North Arm.

With keeping in reserve if the flights to the West were impossible the Pedro River between T.I. and Douglas and the Swan Inlet upper reaches to Laguna Isla.

Fleuret at Bluff Cove has asked for some on several occasions but as he has nothing bigger than ditches to stock I hope to satisfy him with the offer of a few adult fish out of the Moody Valley Brook.

John P. Oliver
Agricultural Officer.

[Handwritten mark]

Ms.

1 FEB 1951

A.O.

Noted and will try and fit them in on same trips.

2) We should not need to import any more?

[Handwritten mark]

3 FEB 1951

H.C.S. I have the money in transport vote to pay for special flights if necessary, to take the fish.

One rush to Lorenzo Pond is necessary; could you please book it for say 14 days time.

I have spoken to the pilot about it. And would accompany him to assist & see they are put in the head stream.

Re. 2) I think the present hatchery plant should be used to introduce salmon similarly to the present successful trout introduction or at least the matter investigated.
John P. Oliver A.O. 10/2/51

60

A.O.

May I take it that we have now imported sufficient trout ova, and that our further needs can be met by local production? I assume that the hatchery should be used to produce & bring on ova from locally produced reared trout, but it might certainly be a sound scheme to try out salmon as well.

W

17/2/51.

H.C.S.

If the present fingerlings on hand are put out to the places outlined in Red 59 this file; then further importations might be halted next year. And in the year after that the situation again reviewed in the light of local production & means of determination at that date.

X The chief thing is to give priority to the final distribution of the fingerlings at present on hand.

John P. Clivis
A.O. 17/II/51

∞

0392

I think we should
continue impatation of
Trent area for another
year and am disposed
to experiment with ^{1 impatation of} Salmon
also.

MC 28/ii

J.E.

28 FEB 1951

J.E.

Above. Pl see minutes of 59-60.

J.E.

C8.

The trouble is that AO will not be
here at the time when we should be trying
to get work from our own fish. I would
∴ rather retain permission.

2 As to X opposite: what is being done?

I am particularly anxious to get some into
the lake on the boundary between Cameron's and Dunlop's.

W.C. 7/11

Y.K.

One lot went out to Hill Cove yesterday. A flight to
Lorenzo Pond is being arranged as soon as we can
fit it in (The pilot's sympathies have been enlisted
by the estate Soc. with the promise of some good
shooting - that area!).

W.C. 7/3/51

Good.

W.C. 7/11

B.V. 13/3/51.

Non a.o.

Have you managed to fly any more
trout to the camp yet?

H.C.S.

only 2 lots to The Fox Bays with the Dyzelle's
John P. Glini
D.O. 14/11/51

B.V. 30/4/51

0393

66

02

Was the glad tidings
about the 3lb Trout put
out over the News?

me 9/1

We ought to be doing
something about now in
regard to taking ^{over from} some of
our own fish.

67
ACE Review. (1) Was it? /
remember N^o Cannon telling me
that N^o Pilchay was going to be
given the details.

W. 10/1/51

ACE
It was mentioned in last
night's news but full details
were not to hand. Something
further was promised next week

M. J. S.
12. 25. 51

03

Grand Ova.

I am not very sanguine about being able to collect one on this season — D. Sladan may be asked to assist when he arrives.

But I think we should repeat again. AD was to argue about possibility of getting some *Salsum* sparrow.

And arrangements were made with Cornell P.A. to send us some breeding Centropy by Fitzroy?

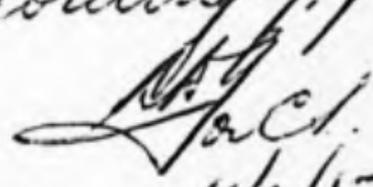
MC @ W/W

64

ACS

Dr. Butler to see pen 1
overleaf.


11/4/51

Offc Ag. Dept.
Accordingly, pc

11/4/51

1. B.S. Y.E.

65

It is our intention to try and collect spawn this season, with that end in view we are making arrangements at the hatchery where at present we have a certain number of fish on hand.

x
K.I.V. | 2. (a) If we are to import again it will be necessary to know by September so that we can let the Trout farm people know our requirements

(b) As far as I know nothing has been done about procuring Salmon spawn.

3. With regard to Centolla Crabs we have chum ready for sending to P.A. and as far as I know Mr. Oliver made some arrangement with Mr. J. Watson (Shikhan Consul), who may be making the trip to P.A., to take care of them on the trip over. A message will have to be sent to Mr. Jones, British Consul, in P.A. advising him of date of arrival of Fryway in P.A.

He must be aware of this.

Mc 1/iv.

A. Rutter
12. IV. 51

1/14



FALKLAND ISLANDS.

68

DEPARTMENT OF AGRICULTURE.

10th May, 1951.

STANLEY, FALKLAND ISLANDS.

His Excellency,
Sir Miles Clifford, K.B.E., C.M.G., E.D.
Government House.

Your Excellency,

With reference to the experiment of spawning trout, we have at last finished with Kidney Island, for the time being, so Stewart is now available, at Dr. Sladen's convenience, to accompany him to the hatchery.

I would therefore be grateful to know of any arrangements Your Excellency may graciously be pleased to make regarding same.

I am,
Sir,
Your Excellency's
obedient servant.

A. Rutter.
C i/c agric. Dept.

CS
I think the best thing
could be to enlist the help of
D. Hamilton?
M.C. 17/5

Y.E.

I will call on Dr. Hamilton, but, in advance, I would not be too optimistic about his agreeing to assist. As Y.E. knows Dr. H. Francis he has a grievance against Sir. & I have not in the past found him very co-operative when it comes to doing anything for Sir.

W.
10/5/50.

Now I - and he has behaved towards me, personally, like an ill-mannered child. I had hoped, however, that his scientific interest might outweigh his misplaced sense of grievance.

If you would rather not approach him I daresay Dr. Staden, if he had the text book to refer to, could oblige. M.C. 11/5

JE

66. Please see 67.
69. I saw Dr H. & he does not feel disposed
to assist. I will consult Dr. Staden.

Acq. MC 14/V

114 MAY 1951

ACS Pl ask Dr. Staden to call on me.

114/5/51

ACS understand that you have discussed
with Dr. Staden

16/5/51

ACS

Yes, I have, & I asked him to contact Mr. Rutter
and Mr. George Stewart. Pl so advise Mr. Rutter.

117 MAY 1951

C/o Ag. Dept
to note, pl
19/5/51

D. B. S

Noted, thank you

A. Rutter

C/o B. Dept.
19/5/51

Staden was told this by
my staff about it
19/5/51

Sullivan Trust,
Stanley.

June 12 1951

Dear Sir Miles,

After discussing the matter with Dr. Hamilton I would suggest the following points as a basis on which to frame regulations for the control and protection of the trout fishing in the neighbourhood of Stanley; to apply to all waters into which trout have been introduced with the exception of Moody Brook.

Weight of line?

- ✓ (1) Fishing to be allowed from September 1st till March 31st. inclusive.
- ✓ (2) Trout to be taken only on hook and line and netting prohibited in fresh water.
- ✓ (3) Fish under 10" to be returned.
- ✓ (4) Limit of 3 brace per day per rod.
- ✓ (5) No trout allowed to be offered for sale.
- (6) Fisherman to take out an annual licence costing 2/6.

Worth consideration.

Difficult?

Agree.

x/

Clearly all the above points will have to be reviewed in the light of experience. Initially at any rate it will not be worth while to attempt to control baits. There might be advantages in allowing the Shooters and Fishers club the control of the fishing, assuming it would be willing to undertake it. The club might perhaps keep the licence money and make a return to the Government of the numbers and weight of fish caught. For the present it might be wise to allow no fishing in Moody Brook.

Yours sincerely,

Reply at 72

Done. U

Norman Cameron

P. convey my thanks to Mr. Cameron with whose views I am in agreement.
from file and B.U. for consideration. mc. 14/vi

U 15/6. Office

19 June,

Sir,

71. I am directed by the Governor to convey to you his thanks for your helpful points contained in your letter of the 12th of June, 1951, on the question of the control and protection of trout in the Colony, and to say that His Excellency is in general agreement with your views.

I am,

Sir,

Your obedient servant,

(Sgd) Michael R. Raymer

COLONIAL SECRETARY.

The Honourable,
Mr. W.K. Cameron,
STANLEY.

*Received 19 June 1951
Foot of 71.*

150. 1/8/51.

ACS

P. 71. Presumably we should have to make Regulations in Ex. Co.: Under what authority?
Pl consult Registrar

3/8/51.

Registrar

Will you please advise

W. B. G. S.
4/8/51.

Hon. Col. Sec.,

Regulations may be made under section 3 of the Fisheries Ordinance No. 2 of 1944.

We have some rather obscure Fisheries Regulations, No. 2 of 1944.

1a in 153/44

J. B.
Registrar
7. viii. 51.

1945
Regulations
L. B. G.

H.C.S.,

As Registrar points the authority for making Regulations to control fishing is contained in Ordinance No. 2 of 1944, and in fact some Regulations already exist (please see page 9a)

at cover

[Signature]
A.C.S.
10/8/51.

Y.E.

wished to consider the suggestions made by Mr. Cameron at p.71 for controlling trout fishing. As is noted above legislative provision exists for making such regulations by the Governor-in-Council. Those which already exist (file 153/44, page 9a) would need to be replaced by new Regs. I am not a fisherman and I fear I am unable to comment on the technical points in Mr. Cameron's proposals. I think the idea of getting the Shooters and Fishers Club to control the fishing is sound ("set a thief to catch a thief"). I dont see why the licence money should not be paid over to the Club, but if there is any technical objection to this we could get round it by making a small subvention to the Club of an equal amount.

[Signature]

16.8.51.

Ex.Co.

me 16/8/51

A.C.S.

Pl first ask Auditor to X on 71.

[Signature]

16/8/51.

Auditor

For your notes on X of page 71 pl.

[Signature]
16/8/51

John G. S.,

I consider that the fees for any licences issued under the proposed Regulations must be collected by Government, but I suggest that, for the time being at least, only one annual licence be issued, and that to the Angling Club. The Club would then be responsible for the observance of the conditions of the licence, and would benefit from additional subscriptions paid in by persons wishing to fish for trout, ~~who~~ who otherwise would not have joined the Club.

[Signature]

23.8.51.

75

A

ACS I think perhaps at this stage I had better see the President and Secretary of the Club. Will you please arrange for them to call on me also.

W 23/8/51.

B

ACS arranged for Monday the 27th Aug at 2 pm.

W 23/8/51

C

BR 27/8/51

Y.E.

I saw Sjt:Norris and Mr.B.N.Biggs of the Angling etc.Club this afternoon. They said that their club would be very ready to control trout fishing in the Stanley area. I would suggest that in place of No.6 on page 71 we simply say that Fishing for imported trout within an area of x miles radius of Stanley will be controlled by the Angling Club, from whom permission to fish must be obtained. "x" might = 10. As far as the Camp is concerned we should have to rely on Managers to see that the Regulations were enforced. I do not think we need charge the Angling Club any licence fee. If they like to levy a fee for the good of their finances they could do so and we could regard it as a legitimate return for their assistance in seeing that the Regs were observed. I would not recommend any fee for the odd chap in the Camp, who has little enough amusement in any case.

D

W

27.8.51.

Agree.

MC

27/VIII

E

ACS

previous minutes. Regs to be drafted accordingly,

please

W 28/8/51.

F

Registrar

Will you please prepare draft Regs:

W 28/8/51

Received for 46

0392

76

To. The Hon. Col. Sec.
From. The C i/c Agric. Dept.
Date. 6th September, 1951.



Re Trout Ova.

If trout eggs are to be imported this year a letter will have to be despatched next mail to the Surrey Trout Farm.

No provision has been made in the Estimates for 1951/2 to cover cost of importation.

A. Putter
C i/c Agric. Dept.

W. H.
7 SEP 1951

S.H.S.
C i/c Agric. Dept. mentioned this matter previously at 65.

S.H.S.
13/9/51

RIV 45

77

A.

ACS

There appears to be provision under

Head 2 s-h 17

ll

14/4/51

B.

C.ife. Ag Dept

Is the provision under Head II s/h 17
already spent pt?

lls ACS
14/4/51

H. C. S.

C

We have only £16 left in our 1951-52 vote.

This owing to having to pay ^{for} last season's trout &
out of this year's vote.

A.R. 15/ix/51.

H.C.S., 77 A - C. The a/c. for the 1950 ova was not paid by the Crown Agents until this year, and the balance available will therefore not be sufficient to cover a new importation which would amount to approximately £70.

AKG
A.C.S.
17/9/51.

Then Mr. Butler should submit an AISE, explaining that existing provision has been largely used up in paying for % submitted in arrears.

W
18/9/51

Copy by Dept
Accordingly, pl
W
18/9/51

H. C. S.

A. J. S E. submitted as requested.

A. P.
C % A. D.
19/ix/51

At. A.I.S.E. at cover offered for submission to H.C. Have we got enough A.I.S.E.s pending to put up a Special Warrant. If this A.I.S.E. is to be any good, C % Agri: Dept must be able to order by this mail.

W
22/9/51.

Hence, noted ty. we have 4 AISE's pending pl.

W
25/9

A

ACS

Spide A/S. He is holding up Special Warrant.
 Mr. Butler may proceed on assumption that
 his A/S/E will be approved

ll
 27/1/51

B

Ag. Ag. Dept

Y u a pe
 M. J. J. J.
 27/1/51

A. G. S.

I have ordered 10,000 Trout Eggs, as in
 previous years,

A. R.
 C. J. C. Ag. Dept.
 1/11/51

Registrar

Now f. n. a. in accordance with
 45^F pe.

M. J. J. J.
 3/10/51

Hon. Col. Sec.,

Draft Regulations submitted, re.

2. The draft Regs are confined to trout, but they can be extended to include salmon etc if it is considered necessary.
3. I have omitted a penalty clause from the Regs as the penalty clause (sec. 5) of the Fisheries Ord. is of the omnibus type, which is contrary to S. of S.'s instructions and can only be overcome by amendment of the Ord.

J. P. B.
 Registrar
 12. X. 51.

ACS

Pl consult first with Sgt Norris - if bygo of the Angling, Shooting, etc Club - see if they have any comments.

U

13/10/51

Mr B R Biggs

To you accordingly, pl

B.R.B.
13/10/51

Hon. salamat Secretary.

Sgt. Norris & I have discussed the attached and have no comments to offer on the draft; but would suggest that a notice board be erected by the Wireless bridge - saying "No Fishing allowed".

2. The Club would be grateful if a book of the attached licence forms could be printed pl.

B.R.B.

Hon. Secretary.

Y.E.

Printed at 1.75. Draft Reg at 80-81 submitted. May be circulated in Ex. Co.?

U

16/10/51

I have suggested a slight amendment in the wording of Reg. 12.

There remains the question of trout netted in streams; this ought to be discouraged.

A.

prand and such fish if caught should be returned to the water immediately?

Esq. Colo.

MC 10/2

- Hon Mr. A. Mercer B.
- Hon Mr R. K. Cameron
- Hon Mr W. D. Clement

80-81 circulated for your

info. pl

[Signature]
26/x/51

Hon C. S. ^C
I agree.

[Signature]
17.10.51

D.

Extract from the minutes of a meeting of the Executive Council held on the 19th of October, 1951.

13. The Fisheries Regulations, 1951. Council considered draft Fisheries Regulations, the purpose of which was to afford protection to imported trout which had been placed in various rivers, streams and ponds throughout the Colony, and advised that Regulations should be made.

In concurring His Excellency observed that the netting of trout in estuaries had not been prohibited, and directed that the necessary amendment be included in the draft Regulations.

[Signature]
Clerk of the Executive Council.

Registrar ^{E.}
Will you please advise as in para 2 of D above.

[Signature]
24/x/51

F

Hon. Col. Sec.,
A new para. (c) has been added to Reg 9 (1) to cover netting in estuaries.

I respectfully submit that the amendment to Reg 9 (2) be omitted, for I feel that if reference is made to para. (b) of Reg 9 (1), then reference should also be made to parags. (a) and (c).

J. B.
Registrar
26.x.51.

Registrar.

A

Thank you. I agree with your para 2. Do you think it would be necessary to define "Estuary" under Interpretation in Section 2?

ll
27.10.51.

B

Hon. Col. Sec.,

No Sir; I think it unnecessary to define "estuary".

J.P.B.
Registrar
3. xi. 51.

C

JE.
Ref Ex: Co: extract at 83.D. affords. please see subsequent minutes by Registrar, with which I agree.

ll
... 7/11/51.

D
Equ. he. xi

ll
... 7/11/51.

F

YE. I have made inquiries about this by the out going mail.

AO

John P. bliss
A.O. 24/xii/51
E G Mc. 24/xii

In a recent article, possibly in the Green Gleaner (which is published in the Commonwealth) I read that in South Africa

that they not only breed trout & several varieties but also Bass. The latter should be in an Estuarine and around the coasts and afford magnificent sport and good eating. Please look into this.

ll
11/12/51

MC 11/xii

10 para 9 (c) to the 104th minute under Co.

STANLEY ANGLING & SHOOTING CLUB.

85

0392



Stanley,
29th December, 1951.

Sir,

I am directed by the Committee of the Club, to respectfully enquire whether you are yet in a position to furnish definite information, concerning legislation in connection with Trout fishing in the Colony.

Several members have displayed interest in this form of sport which, you will recall, was to have been controlled to some extent, by fishing permits issued locally by the Club.

I am,
Sir,
Your obedient servant,

[Handwritten signature]
Hon. Secretary.

The Honourable,
The Colonial Secretary,
Stanley.

So reply H.

*WCS
The Regs await confirmation
if be co*

[Handwritten initials]
31/12/51

[Handwritten mark]
3/1/52.

Ack see reverse PTO

00
Acknowledged, informing the Club that Regulations should be confirmed at the next meeting of Ex. Co.

W.H.
3.1.52.

Extract from the minutes of a meeting of the Executive Council held at Port San Carlos on the 10th of January, 1952.

3. The Fisheries Regulations. Council agreed to the amendment which had been made in the Regulations to cover the netting of trout in estuaries and advised that the regulations should now issue.

His Excellency concurred and ordered accordingly.

A. H. Aldridge

Clerk of the Executive Council.

Mr. Bound
So as to give the Regs. immediate publicity will you please arrange for several copies of 80-81 to be typed and distributed as follows:-

- 2 Notice Boards
- 1 Angling & Shooting Club.
- 1 Printer.

and issue them when Printer has completed the licences.

1 passed to Printer amp. - 2/1/52
the others I have been paying the printing of licences, etc. 2/1/52.

Issue with book of licences etc.
L. J. G. G.

The Officer i/c Agriculture Dept.,
Department of Agriculture,
Stanley,
Falkland Islands.

The Surrey Trout Farm, ~~111~~

Haslemere.

84A

Dear Sir,

October 19th 1951.

Thank you for your letter of October 1st, received today.

We shall be very pleased to work to get you 10,000 Brown trout eggs ready for the Fitzroy about early next January.

As before we shall send first quality eggs taken from large wild trout, and the price will be @ £2. per 1,000, as before, with freight etc. additional.

We will make the same arrangements beforehand with Messrs Maclean & Stapledon, as your Agents at Montevideo; and ask for the British Consul to facilitate removal to the ship.

It necessarily means rather a lot of telegrams and writing, but I feel it is wellworth the while for the eggs seem to have got through to you in good condition.

I was very sorry not to have had the pleasure of meeting Mr Oliver when he was over here on leave, for I had hoped to have had further news of last winter's consignment; and of any comparison between the main batch and the 1,000 extra large eggs packed on the lowest tray. Mr Oliver remarked in his letter of Jany. 20th 1951, that the eggs had in many cases, dents in them like a dented ping-pong ball, but subsequently they swelled out and hatched properly. This happens sometimes when the eggs go on the dry side; it is unlikely that there was pressure from the trays higher up, or else there would have been abnormalities in the young fish. Probably a watering with icy water at Montevideo would have been beneficial; but such things can be so overdone that usually it is better only to recommend re-icing there if needed, rather than to court trouble by over attention !
We gathered from M & S. that they did in fact add extra ice.

I believe Mr Oliver mentioned Salmon eggs when calling at Mercaston. I think we would be unlikely to be able to get any at the very particular stage of development necessary for travel, to be packed in with the trout eggs. It is hardly safe to travel trout or salmon eggs at earlier development than at which we pack to you. To obtain in the freshly fertilised stage and incubate our selves would most probably result in failure to have at the right stage when necessary for air freight.

Yours truly,

D.F. Leney
D.F. Leney.



BY AIR MAIL

AIR LETTER

IF ANYTHING IS EN-
CLOSED THIS LETTER
WILL BE SENT BY
ORDINARY MAIL.

*A. Rutter Esq.,
Officer in Agricultural Dept.
Dept. of Agriculture,
Hawley
Falkland Islands.*

To open cut here →

← Second fold here →

*Dr. Levy
Guyana
Georgetown*

Sender's name and address :-

← First fold here →

↑ To open cut here

INVOICE.
(SECOND ADVICE COPY)

S
X
E
/o
90

THE CROWN AGENTS FOR THE COLONIES

Dr. to Messrs.
of (full address)
Date
Crown Agents' Reference
Indent No.
Special a/c (if any)
Department
Shipped by S.S./M.V.
or Date of Posting

The Surrey Trout Farm & United Fisheries Ltd.
Waltham, Surrey.
January 3 - 1952.
Agric. Ins. 163/51.
Reg. No. 5869
per BOAC to Monte Video.
To be filled in by Contractor

STF. 41.
Contractor's Reference No.
14 FEB 1952
GENERAL SECRETARY'S OFFICE
ISLANDS

Item Nos.	Quantity	Description of Article in wording of Tender	Weight				Rate						
			T.	c.	q.	lb.		£	s.	d.	£	s.	d.
	10,000	Perch (small), living, Eyes Eggs					20	-	-				
	1	Travelling bot & camp					3	-	-				
		Air freight per BOAC					30	3	3				
		Incidental expenses.					7	17	3				
<p><u>Notes:</u> To Agricultural Officer - Government Stanley - Falkland Islands C/o H. D. M. Consul - Montevideo per Agents, Maclean & Stephenson Casilla de Correo 193 Monte Video, Uruguay</p>										61	-	6.	

In the case of goods not of United Kingdom or Commonwealth manufacture the items concerned should be indicated on the invoice and the country of origin stated.

H.C.S.
Noted Thank you.
For P. Blair. 26/II/52.

10
c. Falkland Islands. 1.

ations to be addressed
to Crown Agents for the
Colonies, 4, Millbank, London,
S.W.1, and the above refer-
ence quoted.



LONDON, S.W.1.

TELEGRAMS { INLAND: "CROWN, SOWEST, LONDON."
OVERSEAS: "CROWN, LONDON."
TELEPHONE: ABBEY 7730.

15 FEB 1952

92
Sir,

We have the honour to enclose a statement which we have received from the Surrey Trout Farm and United Fisheries, requesting payment for the sum of £61 13s.9d. in respect of Trout Eggs supplied to the Department of Agriculture for the winter 1949-50.

We would mention that amounts of £59 0s.5d. for the supply of eggs for the winter 1948-49 and £53 11s.3d. for the winter 1950-51 have been paid by us, and payment for the supply for the winter 1951-52 is at present in hand.

We shall be glad to learn as soon as possible whether the sum of £61 13s.9d. may be paid from Falkland Islands funds.

We have the honour to be,
Sir,
Your obedient servants,

L. Beadle

for the Crown Agents.

The Colonial Secretary,
FALKLAND ISLANDS.

AMW

Reply at 94 FLR

92

THE SURREY TROUT FARM & UNITED FISHERIES, LTD.

TROUT OF ALL KINDS. ORNAMENTAL AND COARSE FISH. BIOLOGICAL MATERIAL.
NATURAL FOODS AND WATER PLANTS FOR INCREASING FOOD SUPPLY. INSPECTIONS AND ADVICE

THE SURREY TROUT FARM, HASLEMERE.

TELEGRAMS: ANDREWS, SHOTTERMILL.
TELEPHONE: HASLEMERE 364.

MIDLAND FISHERY, NAILSWORTH, GLOS.

TELEGRAMS: MIDLAND FISHERY, NAILSWORTH
TELEPHONE: NAILSWORTH 53.

THE SURREY TROUT FARM,
HASLEMERE.

The Agriculture Officer,
Dept. of Agriculture, Stanley, Falkland Islands.

January 2nd 1952.

December 27th	To, 10,000 Brown trout eggs @ £2.	£ 20.
1949.	Travelling box & trays	3.
	Incidental expenses,	3.5.10.
STF.17.	Air freight to Montevideo.	35.7.11.
	(22.5 Kilogrammes.)	

		£ 61-13-9.

93

How. A.D.
 Will you please advise. I was
 under the impression that this ac
 was paid (En. 53-56)!

W.A.C.
 3/3/52

H.C.S.

In respect of the bill for £ 61. 13. 9 for trout eggs
 supplied in early January 1950 to us.

At 57 this file I submitted this bill to you asking
 if you would instruct Crown Agents to pay it

That you did at 58 this file requesting & referring to your
 previous asking them to do so. Copy of which is at 56 this
 file. It appears that at 91 this file they are asking for
 instructions to do this.

John P. Blair
 W.O. 6/11/52.

TELEGRAPHIC ADDRESS:
"CARLOS, PORTSTANLEY"



Port San Carlos,

Falkland Islands, S.A.

The Hon. The Colonial Secretary,
The Secretariat,
STANLEY.

February 19 1953

Sir,

Seven years have now elapsed since trout were first imported into the colony and I would like to suggest that the time has come to call for a report to show what progress can be claimed towards establishing the fish in the local waters and what still remains to be done.

It is known that conditions are favourable in the MOODY VALLEY brook where smallish trout of two different varieties are present in considerable—perhaps excessive—numbers. We know too that large trout have been taken from the estuary and it is believed that they are present in the Murrel. But some thousands of fry have been introduced in the last few years into rivers, brooks and lakes throughout the camp without, so far as I know, any successful result being reported.

Nothing can be said with certainty but it seems at least possible that the survival rate in the fry may be so low—say five or ten percent—that results cannot be expected from the policy that has been followed i.e. putting one or two thousand fry into many different waters, and that in future the whole output of the hatchery should be concentrated on two or three selected rivers or lakes. Equally it is possible that results would be more quickly obtained by keeping the fish in Stanley until they are yearlings.

A study should be made too over a full year of the feeding and breeding habits of the imported fish and enquiries might be made as to the possibility of importing sea trout and above all the North Atlantic salmon, the successful establishment of which could conceivably be of economic value to the colony. Clearly a good deal of work would be involved in producing a report of this nature and it could only be usefully undertaken by someone with the training and the leisure and, not least, the interest to devote to it. It would seem sensible therefore to call upon the services of Doctor Hamilton who is excellently equipped in all these respects and who I have reason to suppose would not be unwilling to co-operate.

I am, Sir,

Your obedient servant,

N. White Carr

J.H.

P. 98. - It would appear issued after a discussion with Dr Hamilton.

I do not know whether it is intended we approach him to do this for us without payment - we have no funds for this purpose.

Dr Hamilton was approached regarding taking over from our own list without success see pp. 69 & 70.

J.H.
23/3

C.S. I would like A.O.'s comments on the general point, raised in (98) and we can then consider the future. I doubt if Dr H. would want to carry out this survey for nothing - if he did it at all.
24/3

A.O. t.g.
J.H.
24/3.

AcS
Draft at even time.
J.H.
24/6

From: The Agricultural Officer.

To: The Hon. the Colonial Secretary.

STANLEY.

STANLEY.

Subject: Fresh Water Fish in the Falkland Is.

Referring to page 98 you will see at pages 50 and 60 it was thought to discontinue importation of ova. Introduction of salmon was thought of at that time. I even supplied the address of a Colonel in Wales who had dealings in salmon ova but money was excluded from the Estimates and the matter remained stillborn.

It is known that trout of three varieties are present in Moody Valley brook and there are one or two big ones. Trout of fair size have been taken from the Murrel and Turner's Stream. Fair sized fish have been observed in the Mullet Creek head water and in the Pasé Manares (but not caught) by members of the Angling and Shooting Club.

Nothing tangible is known about the more recent smaller introductions into larger and more distant waters. Managers and shepherds are very busy in the summer and have little time for fishing, hence the lack of positive information but it is to be expected that larger waters will take longer to populate from smaller introductions and during that period I would suggest it were better to leave them alone and somewhat forgotten. If they have established themselves they will automatically increase to the limit of the food capacity in the waters when they will be much more willing to take a lure or bait. If they have not this cannot for certain be established by any survey however leisurely.

I would suggest that the matter of reporting on the incidence and sizes of fish caught be left to and required from the Angling Club who will willingly collate all data available on the matter gratis and maybe a broadcast asking people in the camp to supply any data.

Further to our endeavours to spread the trout ~~ova~~ now established in Moody Valley brook we found that ~~when~~ trout when kept in fairly close confinement in the hatchery did not produce spawn and that to obtain this it is necessary to build a fish trap above the pond.

Expenditure on this foot would be better and achieve something; than on a survey which would only lead to a report listing the catches or non-catches of one person from which it is very hazardous to draw conclusions.

B
Y.H.
above re your minute
at 99.
8/4

John P. Uline.
Agricultural Officer.
C. *BU. 7/5* when the Commission
will be in & I can discuss
with him
19/4

E
ACF *Re ask AO to
spk at conference.*
Y.H. *D*
Re. submitted
8/4

BU. 8.5.53
BU. 2 weeks.
8/5 *BU 22/5*

25th June, 1953.

Dear Dr. Hamilton,

It has been suggested that the experiment of introducing trout into our local waters should now be followed with an investigation and report on such progress as may have been achieved, and it has been further suggested that you might be interested in undertaking this task.

If you are, I would be very grateful if you could call at the office at a mutually convenient time for preliminary discussions on the various ramifications.

Yours sincerely,

(Sgd) C. Campbell

See 104

Dr. J. E. Hamilton, I.S.O., D.Sc., J.P.,
STANLEY.

Bu. 7/7

As I think you have also in hand?

Bu. 7/7

Bu. 15.7.8
917

103

~~DB~~

Office

Re. had this for Dr. It's 'piece' of
me typed for him & is now with him
f. s.

Q

15.7.

Colonial Secretary's Office
Stanley.

21st August, 1953.

CONFIDENTIAL.

SIR,

Survey of imported trout.

Seven years have now elapsed since trout were first imported into the Colony and it is considered that the original effort and expenditure involved should now be followed up by a detailed survey in order to ascertain whether the experiment has been successful and whether any expansion (e.g. introduction of salmon ova) could be contemplated which might conceivably prove of economic value to the Colony in the future.

The only person in the colony qualified to undertake such a survey is Dr. Hamilton and I have reason to believe that he would not be unwilling to do so.

of S.F.C.

Members are accordingly invited to approve the principle that a fee should be payable to Dr. Hamilton on production of this report and to authorise Government to negotiate such a fee up to a limit of £50 or such lesser sum as members think reasonable.

The matter is of some urgency as August is the most suitable month for starting these investigations.

I am,

Sir,

Your obedient servant,

(Sgd.) C. Campbell

COLONIAL SECRETARY.

- Honourable Mr. K. W. Luxton - Chartres
 - Honourable Mr. T. Gilruth - Darwin
 - Honourable Mr. W. W. Blake, - Hill Cove
 - Honourable Mr. A. L. Hardy, B.E.M., J.P. - Stanley
 - Honourable Rev. W. F. McWhan, M.B.E.
 - Honourable Mr. S. C. Luxton.
- Reply at 107*
at 108
at 109.

Field Investigations On Introduced Trout.

H. C. S.

Referring to our conversation of the 9th, I agree that an investigation on these fish is now desirable and indeed necessary. Without it no estimate of the progress made can be formed nor can a future programme be formulated.

(b) Data are required on the following:-

- A. Rate of growth (length and weight).
- B. Length, weight and ~~age~~ sexual maturity.
- C. Breeding season.
- D. Food throughout the year.

A and B are matters of direct observation on captured fish; C would be elucidated by A and B and by direct observation of breeding fish which it is to be hoped would be possible here as it has been in all open countries.

(c) A collection of scales should be made. It should throw much light on our problem and is a well explored avenue of information.

2.

(a) The waters where trout should be examined to begin with are ^{those} more in the vicinity of Stanley; The Moody Brook, Murrel River, Mullet Creek Stream and there-after the Cave Arroyo and the Pasa Mance~~s~~ Stream. The former is on the Fitzroy Track beyond Port Harriet and the latter close to the Arroyo Malo House, which is 1 1/2 - 2 hours on this side of Teal Inlet settlement. als

(b) Transport would be required from time to time, say once a fortnight as a preliminary. The whole of the Moody Brook and much of Mullet Creek Stream are accessible for wheeled vehicles although not for all cars since many of them have insufficient clearance. In dry weather the Murrel is accessible to a lorry or ^{landrover} but one must expect usually to ride from the Two Sisters Gate, a distance of 1 - 2 miles.

(c) Fry were taken to the Cave Arroyo in a jeep and it was an uncomfortable journey, partly because the driver had been in ~~a hurry~~ I think, but more than once Mr. R. Hills has passed this stream in his jeep en route for Darwin. Horses from the end of the Pony's Pass track would probably be better. The fry in the Pasa Mance^{as} Stream went there by Bren Gun Carrier but it would be necessary to expect to ride ^{hither} further from the Two Sisters Gate. led 30 1

(d) As for waters still more remote, I have no knowledge of the numbers or distribution of fry in them but if smallish numbers were placed in large waters, e.g. the San Carlos River, it would be a waste of time, money and energy to make journeys specially to look for fish there for (? 5) years or more after the first implantation. One would have to be guided by accumulated data and current circumstances in this aspect of the investigation.

foresee

3. Expenses would be almost entirely those of transport, any others that I can ~~present~~ are quite trivial, not worth considering. It may be improper to say that ~~transport~~ (wheeled) problems might occasionally be eased by the kindness of my friends, but I make the suggestion. The use of a horse implies the employment of a man as groom for the excursion, I think the Agricultural Department could assist here. private

4. I have ^{private} hopes that I might sometimes be able to use the Medical Department's microscope, if it has an appropriate objective, but it would be far better, from every point of view, to use that which formerly belonged to the Naturalist's

Hand on where
number of?

Department. This instrument was taken to Hope Bay ? or Signy Island? and left at the Base. If it were returned to Stanley as soon as possible it could be used in this investigation. I feel I may properly add that it could then be also kept safe from the damage which is so easily done by unskilled and inquisitive people.

5. It would of course be necessary to issue a permit under the Fishery Regulations to cover the whole year and to authorise fish collecting in the Moody Brook, as well as any methods which might be called for: chemicals would not be used!

6. Duration of Investigation. In the first place a period of a year from the beginning of work in the field - which would be in August of this year, floods permitting.

c/

aimed

7. I clearly understand that the investigations are solely at fish already liberated and will not include the hatchery or matters connected therewith.

J.H. Hamilton
14-vii-53

J.H. (102) - (104)

I think the Hamilton makes out a reasonable programme for his work & that it will be of benefit. I have discussed this with the + this can be arranged. There is no reason why horses should present any difficulty. I suggest that we now proceed & that I put the question of a fee to C.P.C. - not to exceed £50.

CP

CP

Agree.

1 I minuted on this matter from 102 and it seems to have escaped the file.

3. As to Naturalist Dept's microscope I know nothing about this and A/SF has no record: it certainly should not have been taken without authority and I would like further particulars.

ASP. by m.
B.S. 2 weeks
2/5

MC 7/

STANLEY HOUSE,
FALKLAND ISLANDS.

8th August 1953.

Recd 19/8/53

Survey of Imported Goods.

Sir,

I approve of Mr. Hamilton being paid a fee to report on the above experiment. It will be interesting to see whether the venture was worth while.

I am,

Sir,

Yours obedient servant.

L. G. Gilman

The Honorable The Colonial Secretary.

Colonial Secretary's Office.

Stanley.

B.V.F.

See 106

14th August, 1953.

Dear Dr. Hamilton,

With reference to our discussions and your memorandum on Field Investigations on Introduced Trout, I would like to confirm that Government would be very pleased if you could now proceed to carry out this investigation and survey which will extend initially over a full year.

As regards a fee, though the principle has been accepted, I am not yet in a position to suggest a figure but it will in any case not exceed £50. I am assuming however that you would be prepared to go ahead with the work before a firm agreement on this score has been reached.

I am instructing the Superintendent of Works and the Agricultural Officer to co-operate in providing transport (which will of course be free) and the Superintendent of Works informs me that he sees no difficulty in supplying a landrover for day trips about once a fortnight provided he receives adequate warning in advance.

Inquiries are being made regarding the whereabouts of the Naturalist Departments microscope with a view to making it available to you.

The necessary fishing permit will be supplied by the Agricultural Officer.

Yours sincerely,

(Sgd) C. Campbell

Dr. J.E. Hamilton, I.S.O., D.Sc., J.P.,
STANLEY.

P.S. I have just heard that there is a microscope
?Naturalists ? in the Agricultural Dept.

(Intld) C.C.

See 122

Reply at 112

Colonial Secretary's Office,
Stanley.

8th August, 1953.

CONFIDENTIAL.

Sir,

Survey of imported trout.

Seven years have now elapsed since trout were first imported into the Colony and it is considered that the original effort and expenditure involved should now be followed up by a detailed survey in order to ascertain whether the experiment has been successful and whether any expansion (e.g. introduction of salmon ova) could be contemplated which might conceivably prove of economic value to the Colony in the future.

The only person in the Colony qualified to undertake such a survey is Dr. Hamilton and I have reason to believe that he would not be unwilling to do so.

A.S.F.C.

Members are accordingly invited to approve the principle that a fee should be payable to Dr. Hamilton on production of this report and to authorise Government to negotiate such a fee up to a limit of £50 or such lesser sum as members think reasonable.

The matter is of some urgency as August is the most suitable month for starting these investigations.

I am,

Sir,

Your obedient servant

Cam

COLONIAL SECRETARY

The Honourable Mr. W. W. Blake,
Hill Cove.

② Hon. Col. Lee.

Intirely agree with the

W. W. Blake

3 Stanley members have yet to reply. 12.10.

*Acc
12.10*

14th August,

53.

To: The Superintendent of Works,
The Agricultural Officer,
Stanley.

From: The Colonial Secretary,

Field investigation on introduced trout.

I am directed to inform you that Government is retaining the services of Dr. Hamilton for the carrying out of a field investigation into the trout imported into the Colony which will extend in the first instance over a period of a year and which will probably begin this month.

2. Free transport has been guaranteed to Dr. Hamilton which will take the form of a day trip in a land rover about once a fortnight supplemented by occasional horse transport. I am to request that you will give your full co-operation to Dr. Hamilton in this respect and he is being advised that he must in turn give adequate notice of his requirements.

3. The Agricultural Officer is requested to issue fishing permits to Dr. Hamilton for such periods and by such methods (other than chemical) as he may desire and in this connection I am to point out that the investigation will be concerned solely with liberated fish and will not include the hatchery or matters connected therewith.

(Sgd.) C. Campbell

Colonial Secretary.

To A.O. only.

Will you please also assist Dr. Hamilton by making your Department's microscope available to him when you can spare it.

(Intld) C.C.

Rev. for remainder of paper to 106 on 24/8
E. J. S.

K 10 109

Stanley
August 18th 1953

110
0392

Dear Mr. Campbell,

with reference to your letter of the 14th? I would say that I am prepared to start the "survey" when I have made the necessary preparations, which will not be elaborate, and as soon as the weather permits.

A fee of £50 would be acceptable.

I shall see the Superintendent of works and the Agricultural Officer about transport.

As for the letter of the 17th?, I attach a draft permit and suggest that a copy should go to the Secretary of the Fishing and Shooting Assoc. in order to avoid my being the object of bare innuendo.

The microscope affair now seems more obscure than ever. I shall let you know if I am able to clear it up at all.

Yours sincerely,
J.E. Hamilton.

Reply at 114

Malvina House

Stanley

8th August 195.

Sir,

Survey of imported trout

I welcome the idea of a survey as to whether the importation of trout has been successful and that a fee up to £50. be paid to Dr Hamilton for an investigation .

I am,

Sir,

Your obedient servant

The Honourable the Colonial Secretary

Stanley



Buf.

See 106

Permit to take Salmonids for purposes of a survey.

Under Section 12 of the Fisheries Regulation no. 1 of 1902 ^{J. E.} Dr. E. H. Hamilton

is hereby permitted to fish for, take and retain members of the family SALMONIDAE at any time of the year and to take such fish from any waters where they may be found including the Moody Brook.

2. He may use any method of capture except poisonous or narcotic drugs or chemicals.

Copy to: A.O.
C/Const.
Secretary Angling & Shooting Club.

114

21st August,

53.

Sir,

I am directed by His Excellency the Governor to inform you that under Section 12 of the Fisheries Regulation No. 1 of 1952 you are hereby authorized to fish for, take and retain members of the family Salmonidae at any time of the year and to take and fish from any waters where they may be found including the Moody Brook.

2. You may use any method of capture except poisonous or narcotic drugs or chemicals.

3. This authority is valid for one year from the date of this letter.

I am,
Sir,
Your obedient servant,

(Sgd) C. Campbell

COLONIAL SECRETARY.

Dr. J. E. Hamilton, I.S.O., D.Sc.,
STANLEY.

A.J.

Note to S.F.C. ✓

Was on agenda
3 hours 1/2

By. 30/8
2/9

115

oting Club

CS

22

August

BoF

0220



Are we going to ask
 D. Hamilton to try and raise
 some findings from the
 over of (impaired) adult hand?
 I think that we should do so
 as part of the investigation he
 is undertaking.

the 8/ix

KIV 114?

an etc. by 2 weeks + then in
 1839
 2nd Oct

EXTRACT FROM MINUTES OF S.F.C. of 15. 9. 53.

(Original filed in 1040/A - SFC - Minutes of Meetings).

.....

Trout Investigations.

The Committee agreed to the provision of a sum of £60 in this connection to cover fee (£50) and transport (£10).

.....



~~PORT~~ STANLEY,
FALKLAND ISLANDS.

24th Sept. 1952

Dear Mr. Campbell,

1. I am not averse to
the idea of trying to
produce fertilised ova
and hence fry.

2. We do not know at
present when the breeding
season may be but it is
highly probable that it is
in the winter.

3. I should recommend
the postponement of
a decision until some
^{progress}
has been made in the
present survey.

4. What about PHARPAR
and ABANA?

Yrs sincerely

J. S. Hamilton

A

H.C.S.

The Mystery of the Microscope is now cleared up. I therefore write this minute for record. As you may remember the question of its whereabouts came up but was not answered, in connection with my current work on introduced trout.

The instrument, formerly belonging to the Naturalist's Department and at the time, not, one hope being on charge to any other Dept., was seized by Dr. Sladen (W.) and carted off to South Shetland, apparently Admiralty Bay, where it stayed until it was taken to Hope Bay. The french-polished case was embellished with a large "D" in paint for the journey.

This microscope is a Watson "Service" with two objectives, 1/3 in. and 1/6 in., that is to say a fairly low power and a high but not very high power.

It is now at Hope Bay.

J. H. D. Hamilton

See 110-112.

But - from where??

B

SF

(118)

I think I corresponded with or talked with A.S.P. I presume he got his information from the marsh - does B.S. admit the charge?

Yes - B.S. 11/11

Recalled for 119 1911

124

21st January, 1954.

Dear Hamilton,

110

Please refer to my letter of the 14th of August, 1954, on the subject of your field investigations on introduced Trout.

I would be grateful if you would furnish me with a very brief interim report of your survey to enable me to decide whether we will need to include any financial provision in next year's estimates for further importation of ova.

Possibly the San Carlos and Chartres rivers might repay stocking.

Yours sincerely,

(Sgd) C. Campbell

Dr. J.E. Hamilton, I.C.C., J.P.,
STANLEY.

Reply at 124

by a trout
investigation NA

15/11

CS

How is D. Hamilton's
hand enquiry progressing?

From M. Cameron's report
on the mussel and other
reports on the trout it seems
fairly evident that the
unpaired hand is well
established and it is for
consideration now whether we
should not import a further
batch of ova for (a) The
San Carlos River which
got a poor consignment (I

611
would like to see 10,000 fingerlings
put in there) and the W. Falllands
(Charles River etc) next year.

2. Please discuss with D'Honnaldson
and let me have his views.

MC 14
1-54

ACP

Where is main file!

19/11

Recd 19/11

A.C.S. A.C.S.

File recalled. Pprs filed
at 119 p.

S.S. 19/11
19/11.

3rd February, 1954.

HCS.

Your minute on p. 118 - correspondence HE/HCS/A S/F filed at pages 11 - 14 in FIDS 248 attached. It seems that none of us are very clear about the microscope or microscopes and I am not prepared to accept liability by F.I.D.S. until the matter has been discussed with Fuchs, Sladen, Laws and Marsh or until a receipt is produced by the Agricultural Dept. At the cover of this file there is a copy of an instruction to A S/F which includes such information as I know of the matter.

J.H.C.
18/2

128

STANLEY

January 24th, 1954

Dear Mr. Campbell,

122

Referring to your letter of the 21st. I may say that an amount of data has been collected regarding the waters in the Stanley area.

The information is beginning to throw light on the feeding habits and food and on the extent to which the fish are establishing themselves.

file

My opinion is that the Brown Trout and the Char show every sign of having acclimatized themselves well and that further importation of eggs is desirable.

There are other waters deserving of thought besides those you mention although these of course are fine large streams and should undoubtedly be kept in mind.

Yours sincerely,

J. Hamilton

The Hon, Colin Campbell

Two obs. acid on Rambos.

By 1 wash

24/2

BU 4/3

*Bobird
man file.*

1/2

KIV 123

No.

(122) & (124)

125

Provision for further ova incubation next year has been appd. Can you please after consultation with Dr Hamilton, ~~write~~ place the necessary orders & leave instructions as to how they should be dealt with on arrival.

C^o
S³

H.C.S.

Done. 12/III/57 John P. Bird
A.C.

JK

131

*Port San Carlos,
Falkland Islands, S.A.*

September 27th

1954

Dear Colin,

53/1894

I am returning the 'Fishing' file which is full of interest. Presumably Hamilton has seen it. There can be little doubt that the waters here are very suitable for the introduction of salmon, sea trout, and brown trout and that the expense involved would not be great. Equally the benefits that would result in various ways might be considerable, more perhaps than we can easily foresee. The trouble is that few people are interested in the matter, managers for the most part are indifferent or like Tom Gilruth positively opposed to the idea, though on what grounds I am not sure. There is probably no country in the world where the stocking of rivers and lakes with fish for sport or consumption is not directly or indirectly organised and controlled by the Government. Were Hamilton a few years younger it is probable that he would have achieved a great deal, but the breeding, feeding and distribution of the fish demands active supervision.

What I read in the file may encourage me to make a few enquiries of my own when I am in England. Clearly Jack Cameron was prepared to run a hatchery himself and I am wondering whereabouts. I had always assumed that we were too far down the river but perhaps I am wrong. A comparatively small flow of fresh water may be sufficient for hatching purposes, with a pond to keep the young fish in until they were fit to be carried up river to be released.

Yours,

Norman

P/A