

STAFF RECORD.

Forest Inshriach

DIVISIONAL & DISTRICT OFFICERS.		FORESTERS & FOREMEN-IN-CHARGE.		
Names.	Dates.	Names.	Grades.	Dates.
D.O. A.M. Steven	1937	C.A.M. Kennedy	II	1937
Dt.O. A. Warren	1937	do. promoted	I.1/10/37	
D.O. M. Scott	1938	J. Fraser	II	Nov. 39.
Dt.O. I.J. Stewart	1939	do. (promoted)	Actg. I	1/1/40
Act.D.O. L.A. Newton	1939	J.H. Noble	Actg. II	2/42.
"	1942.	"	II	1942.
D.O. I.J. Stewart	1942	"	"	
Dt.O. I.J. Stewart	1943	"	II	1943
D.O., I. J. Stewart.	1944.	J. H. Noble.	"	1944.
D.O., I.J. Stewart.	1945.	J.H. Noble.	"	1945.
Taken over from East Conservancy.				
J. Fraser	1946	J.H. Noble - transferred	II	17.4.46
A.M. Fraser.	17.4.46			

F.Y. 1946 to 19__Forest INSHRIACH

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
1946	Planting	30		
	Beating up -			
	P. 38	10		
	P. 39	10		
	P. 40	34		
	P. 41	21		
	P. 42	22		
	P. 43	34		
	P. 44	16		
	P. 45	14		
		161		

Forest Records-Part I. ANNUAL SUMMARY OF OPERATIONS, ETC.

Form R.4.

F.Y. 19 43 to 19Forest Inshriach (Contd)

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
<u>43</u>	<u>Planting</u>	<u>42.5</u>	<u>37, 43, 44, 46.</u>	
	<u>Beating Up</u>			
	P.39 8.		6, 22, 23, 44.	
	P.40		9, 23, 24, 29, 30, 31	
	P.41		8, 9, 43, 46.	
	P.42		31, 36, 37, 46.	
	<u>Thinning</u>		<u>5, 26, 27, 39.</u>	
1944.	<u>Planting.</u>	<u>43.</u>	<u>C.10, P.44.</u>	
	<u>Beating Up.</u>			
	P.42.	34.	C.s 31, 36, 46.	
	P.41.	13.	C.s 9, 32, 34, 35, 46.	
	P.40.	27.	C.s 9, 23, 24, 44, 45.	
	P.38.	-	C.49, Experimental block.	
1945.	<u>Planting.</u>	<u>37.</u>	<u>C.s 18 and 35.</u>	
	<u>Beating Up.</u>			
	P.39, 40, 41,		C.6, 23, 44, 31, 44, 45, 8,	
	42, 43, 44.		9, 34, 35, 46, 36, 43, 10.	

Forest Inshriach

F.Y. 19___ to 19___

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
38	<u>Planting:</u>	58	3, 4, 25, 26.	49, 54.
	<u>1st Thinning</u>	60	6, 7, 8, 22.	
39	<u>Planting</u>	113	6, 7, 8, 20, 21, 22, 23, 24, 25, 26, 29, 30, 31, 32, 33, 44.	
	<u>Beating Up</u>			
	P.38	2	49, 54.	
40	<u>Planting</u>	78	9, 19, 23, 24, 29, 30, 31, 32, 34, 45, 46.	44, 45.
	<u>Thinning</u>	241.2	1, 2, 3, 4, 5, 6, 23, 24, 25.	
	<u>Felling</u>	3	6	
41	<u>Planting</u>	82.6	8, 9, 31, 32, 34, 35, 46	
	<u>Beating Up.</u>			
	P.38 1			
	P.39 32.		9, 21, 22, 44, 45,	
	P.40 4.	37	49, 54.	
	<u>1st Thinning</u>	3	35.	
42	<u>Planting</u>	74.0	31, 32, 36, 37, 46.	
	<u>Beating Up</u>			
	P.38 -		49	
	P.40 20.		23, 24, 29, 30, 31, 45	
	P.41 1.	21.		

F.Y. 1938 to 19Forest Inshriach

FOREST YEAR.	METHOD.	STAGE.	AREAS TREATED.	
			Acres.	Compartment Nos.
38	NIL			
39	NIL			
40	NIL			
41	NIL			
42	NIL			
43	NIL			
44	NIL			
45	NIL			
46	NIL			
47				
48			5	C. 15

est Inshriach.F.Y. 1945 to 19_____

FOREST YEAR.	GENERAL PROCEDURE AND OBSERVATIONS.
1945.	<u>Prep. Ground.</u> Scrub Birch, S.P. and Juniper were cut and burned in C.s 18 and 40. Much of C.18 is S.P. planting ground and it is not considered advisable to retain much cover. <u>Drainage, New.</u> Drainage of wet peat logs and hollows in C.18 was carried out. <u>Planting.</u> 37 acres were planted. S.P. was main species used on calluna ground. E.L. used on bracken patches. N.S. on moist grass type and S.S. on moist grass-calluna type. P.C. used on poor calluna-sciurus area. Pine weed in mixture with S.S. in places. <u>Beating Up.</u> Beating up was done in parts of P.years 39, 40, 41, 42, 43 and 44. Same species as original planting used but in places N.S. or S.P. substituted for E.L.; D.F. for Tsuga and S.P. for J.L. Beating up mainly of medium density. <u>Weeding.</u> A big weeding programme had to be carried out. Grass and heather caused most trouble. P.years 39-45 required weeding. <u>Fencing Upkeep.</u> Repairs carried out on fence at C.s 6 and 37, caused by trees blown by storm. Minor repairs elsewhere. <u>Protection.</u> The following were killed during the year: 20 rabbits, 22 squirrels, 34 capercaillie, 3 roedeer, 56 mice. Capercaillie did some damage to P.45. This species of bird is proving difficult to control. There was also some damage to small S.P. by mice.
1946	<u>New planting</u> was continued in comps. 23, 42, 47 and 48. In comp. 23 the soil being poor peat, P.C. was planted. S.P. was used in planting comp. 42. In comps. 47 & 48 scrub (birch and Juniper) was thinned out and then under-planted with D.F. and some N.S. <u>Beating up</u> was carried out in P.38-P.45. Deaths were mainly/

F.Y. 19.....to 19.....

Forest.....INSHRIACH

FOREST YEAR	GENERAL PROCEDURE AND OBSERVATIONS
	mainly due to frost and weevil damage. In P.40 groups in scrub were extended. <u>Weeding</u> was rather extensive owing to the amount of beating up which was done. <u>Cleaning</u> of Birch and Juniper were thinned in P.40 to allow for an extension of the planted area. <u>Produce</u> 55 tons birch were prepared and sold for batten wood. 37 tons of firewood were prepared and sold. <u>Protection</u> Damage by weevil was extensive, especially adjoining acquired plantations. <u>Draining</u> 106 chs. advance draining were done in comp.11.

st Inshriach.

F.Y. 1944 to 19.....

FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

1944. Prep. Ground. Birch timber thinned and old S.P. felled. Juniper cut. A light cover of birch was retained in places for shelter purposes.

Drainage, New. Wet peaty hollows and valleys required draining prior to planting.

Fencing, New. None.

Planting. 43. acres planted. S.P. used on heather ground D.F. in grass with occasional bracken vegetation and this species also tried on heather ground to a small extent. E.L. used on good bracken-grass slopes. N.S. used in small valley bottom; S.S. under similar conditions but where more heather present amongst the grass and juncus. There is a fair amount of natural S.P. of a few years of age on the ground. It is hoped that these will provide the advantages of a Pine/Spruce mixture.

Beating Up. Beating up was done fairly extensively in P.42, P.41 and P.40. A small P.38 plot was also b.u. Densities were mainly moderately heavy, but heavy at a few places.

Weeding. Weeding was required in P.39, P.40, P.41, P.42, P.43 and P.44 plantations. Heather, grass and bracken gave the most trouble.

Cleaning. No cleaning operations were done.

Drainage Upkeep. Some drain repair work was done in parts of P.39, P.40 and P.41 plantations.

Fencing Upkeep. Repairs were required on deer fence at C.s 6 and 37 following damage by storm. Minor repairs carried out elsewhere as required.

Protection. The following were destroyed during the year: 26 rabbits, 500 mice, 3 hares, 41 capercaillie, 10 roe-deer, 42 squirrels, 1 weasel and 1 wild cat.

It is considered that squirrels have increased during recent years in our woods at this forest. This is probable as a result of the extensive fellings in the neighbourhood. Careful countermeasures will be necessary to control the number; the F.Y. 44 kill of 42 squirrels will be very helpful in this respect.

F.Y. 1943 to 19__Forest Inshriach.FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

43. Prep. Ground: Advance prep. of ground, consisting of cutting and burning scrub Juniper and thinning out Birch, done in C.48
- Prep. of ground for natural regeneration done in C.s 21, 24, 29 and 30; work involved burning brushwood and preparation of "seed-beds" by screening, digging and trenching.
- Drainage, new: Drainage work carried out for P.43, P.44 and some advance work. Ground for natural regeneration drained where necessary. To encourage wind-firmness strip of timber on east margin of felled area in C.s 7 and 8 was drained.
- Planting: 42.5 acres planted. Species used - S.P. on heather ground and Tsuga on grass-mosses type under light birch cover.
- Beating Up: Extensive b.u. done in P. years, 39-42; density ranged from light to heavy.
- Weeding: Extensive weeding operations were necessary in P.39, P.40, P.41, P.42 and P.43.
- Thinning: Improvement thinnings were made in S.P. acquired plantation in C.39 and in natural S.P. growth in C.s 5, 26 and 27.
- Drainage, upkeep: Deepening and extending of drains done in P.39, C.s 24 and 25 and P.40, C.s 23 and 24.
- Fencing, Upkeep: Damage by storm to deer fence at C.s 7, 8, 37, 42 and 43 made good, in addition to minor repairs where necessary.
- Protection: The following were killed during the year: 45 squirrels, 1 hooded crow, 13 roe-deer, 7 rabbits, 41 capercaillie, 2 blackgame, 1 fox and 200 mice.

F.Y. 19⁴⁰ to 19

Forest Inshriach

FOREST YEAR.	GENERAL PROCEDURE AND OBSERVATIONS.
40 (Contd.)	<u>Beating Up.</u> No Beating Up was done owing to shortage of staff and prolonged bad weather. <u>Weeding.</u> 96 acres weeding was done mainly in grass areas in P.40 and P.39 and a small amount in heather in P.38. <u>Fencing, Upkeep.</u> The boundary fence was given attention and repaired wherever necessary. <u>Forest Protection</u> (2) <u>Other.</u> The following were killed during the Forest Year:- 112 rabbits, 6 hares, 16 roe-deer, 95 capercaillie, 28 squirrels.
42	<u>Prep Ground:</u> Thinning out of Birch and cutting of Juniper was done prior to planting in C.46. Advance work done in C's 47 and 48. <u>Drainage, new:</u> Draining for P.42 and P.43 was done and also some "first putting in order" of existing drains in C's 7, 21 and 34. Acquired Plantation. <u>Weeding:</u> Weeding was done in P.38, P.39, P.40, P.41 and P.42 plantations. Heather, grass and Bracken gave most trouble. <u>Cleaning:</u> A cleaning and light first thinning was done in S.P. in C's 22 and 34. Acquired Plantations. Some fencing material was obtained and used locally and a small quantity of pitwood was sold to H.C.T.P.D. <u>Drainage Upkeep.</u> A small programme was undertaken, consisting of deepening drains in P.40, C.32 and cleaning and deepening in P.41 C.31. <u>Fencing, upkeep:</u> Repairs done to fence running from Post Office to C's 2, 3, and 28. Minor repairs to boundary fences where necessary. <u>Protection:</u> The following were killed during the Forest Year - 34 Rabbits, 41 Squirrels, 79 Capercaillie, 1 Blackcock, 1 Fox 8 Roe Deer and 1 Weasle.

est Inshriach

F.Y. 1937, to 19

FOREST YEAR.	GENERAL PROCEDURE AND OBSERVATIONS.
1937	No 1st Planting. <u>Fencing</u> 50 chains of deer fence were erected along South Boundary <u>Protection.</u> 4 Black game, 2 Caper, 2 Roedeer, 1 squirrel were destroyed. <u>Note.</u> It is proposed to complete fencing of area bounded on E. by existing deer fence and plant 50 acres S.P. during F. Y. 38.
41.	<u>Prep. Ground:</u> Juniper and Birch were cut out where necessary from C.s 8 and 9. Similar treatment in C.46 but it was found impossible to plant the prepared ground owing to bad weather holding up planting. <u>Drainage, now:</u> Drainage included work for P.41 and advance work. Some of this work included first reconditioning of existing drains. <u>Planting:</u> 82.6 acres planted. A good strike obtained in general but 1 acre of A.G. on open grass ground failed, probably due to lateness of planting. For choice of species see R.&. <u>Beating Up:</u> A light B.U. programme carried out. S.P. usually requires very little beating up here. <u>Weeding:</u> Main bulk of weeding was in P.40 and P.41. Grass areas in P.39 required weeding and some heather weeding in P.38 done. <u>Cleaning:</u> Included cutting out of dead and dying poles from S.P. Acquired Plantation in C.35 3 acres also thinned and some high pruning done. <u>Fencing upkeep:</u> No particular section dealt with but repairs carried out wherever necessary. <u>Protection:</u> The following were killed: 142 rabbits, 3 hares, 14 roe, 87 capercaillie, 26 squirrels, 4 blackcock.

F.Y. 1932 to 19

Forest Inshriach

FOREST YEAR.	GENERAL PROCEDURE AND OBSERVATIONS.
39	<u>Planting.</u> 113 acres planted. The greater part of the planting was done using the mattock to screef off the heather. Selection of species - On Calluna ground S.P. 1 + 1 and 2 + 1 used with in certain Compartments a few small groups of E.L. and occasional single E.L. 2.75 acres S.S. planted on turves. E.L. used in C.44 on meadow grass vegetation. N.S. used on similar ground where wet. <u>Beating up.</u> Small B.U. programme confined to two experimental plots of mixed conifers in Cs. 49 and 54. <u>Weeding.</u> 25 acres heather and grass weeding done in P.38 plantation; 12 acres of grass and bracken weeding in P.39 plantation. <u>Thinning.</u> 1/8 acre natural S.P. in C. 5 was given a light thinning, wolves and badly formed stems being removed. The smaller material was used as billet traps for weevil.
40	<u>Prep. Ground.</u> Preparation of Ground was confined to the "Reserved Area" and was in accordance with special "Reserved Area Plan". Partial Birch crop thinned out by removing stems of bad form. Juniper cut but occasional upright stems were left. Gaps in Birch crop were widened to permit of group planting of Tsuga where dry and N.S. where wet. <u>Drainage, New.</u> Spruce areas were drained and mounded. <u>Fencing, New.</u> A new rabbit fence was erected along N.E. boundary. <u>Planting.</u> 78 acres were planted. The method for E.L., J.L. and Ts. was notching with garden spade and on hard ground planting mattocks used for planting S.F. S.S. and N.S. were mound planted. For choice of species see Form R.7. <u>Beating Up/</u>

F.Y. 19 ~~38~~ to 19 39

Forest

FOREST YEAR.	GENERAL PROCEDURE AND OBSERVATIONS.
38	<u>Survey.</u> The whole area is surveyed and plots demarcated. <u>Planting.</u> 55 acres were planted during the year. <u>Choice of species.</u> 54 acres were planted with <u>...</u> and 1 acre with <u>...</u> as a guide to selection of species for <u>Sirch</u> areas. <u>Thinning.</u> 60 acres of acquired Plantations were <u>...</u> successfully thinned; Total number of trees removed = 5577; these were purchased by <u>...</u> Messrs. <u>...</u> for £ 314 " 10s. <u>Rivers Meshie and Moya.</u> Considerable flooding of these rivers occurred at intervals during the <u>...</u> and Autumn. <u>Over 280</u> was spent in repair work on banks of Meshie. It is proposed to try and repair the worst breach in the Meshie bank (below Grant'scroft) during F.Y. 39. <u>Protection.</u> Fire doots were completed and heather burning, adjacent to acquired Plantations, was carried out. <u>Protection Other.</u> Considerable damage was caused to 1st. planting by <u>...</u> and <u>...</u>. Bird scarers and snares were laid down on the area. During the Forest Year the following were destroyed within the fenced area:- 1455 Rabbits, 32 Hares, 25 Hares, 25 Red deer, 75 <u>...</u>, 7 <u>...</u> and 25 squirrels. It is pleasing to note that during the shooting season Major Drake and party cooperated in protection work by shooting Red deer, Hares and Gaper. <u>Planting.</u> It is intended to plant 100 acres during F.Y. 39.
39	<u>Prep. Ground.</u> C. 5, $\frac{1}{2}$ acre plot prepared for natural seeding by burning and screefing in strips and in patches. <u>Drainage, new.</u> Small amount of draining done in Cs. 24 and 26 for S.S. planting. <u>Planting/</u>

PLANTATION AREA STATEMENT.

est Inshriach.

Original Area : _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.									
		S.P.	E.L.	J.L.	D.F.	Ts.	C.	Law.	Th.		
Planted.....	58.	54.5	.5	.5	1.	.5	.5	.5			
Sown.....											
Nat. Regen.....											
Totals.....	58.	54.5	.5	.5	1.	.5	.5	.5			
Established.....											
At _____ years											
At _____ years											
At _____ years											
At _____ years											
1st Thinning											
F.Y. 19.....											
F.Y. 19.....											
F.Y. 19.....											
Deductions (Fires, etc.)											
F.Y. 19.....											
F.Y. 19.....											
F.Y. 19.....											

PLANTATION AREA STATEMENT.

est. Inshriach

Original Area : acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.								
		S.P.	E.L.	N.S.	S.S.	Ts.				
Planted.....	113	104	5.5	.65	2.75	.1				
Sown.....										
Nat. Regen.....										
Totals.....	113	104	5.5	.65	2.75	.1				
Established.....										
At..... years										
At..... years										
At..... years										
At..... years										
1st Thinning										
F.Y. 19.....										
F.Y. 19.....										
F.Y. 19.....										
Deductions (Fires, etc.)										
F.Y. 19.....										
F.Y. 19.....										
F.Y. 19.....										

PLANTATION AREA STATEMENT.

est. INSHRIACHOriginal Area : 78 acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.									
		S.P.	E.L.	J.L.	N.S.	S.S.	Ts.				
Planted.....	78	15.8	9.	1.	8.4	22.8	21.				
Sown.....											
Nat. Regen.....											
Totals.....	78	15.8	9.	1.	8.4	22.8	21.				
Established.....											
At.....years											
At.....years											
At.....years											
At.....years											
1st Thinning											
F.Y. 19.....											
F.Y. 19.....											
F.Y. 19.....											
Deductions (Fires, etc.)											
F.Y. 19.....											
F.Y. 19.....											
F.Y. 19.....											

PLANTATION AREA STATEMENT.

Original Area : acres.

Forest Inshriach.

	TOTAL ACRES.	ACREAGES BY SPECIES.									
		S.P.	E.L.	J.L.	N.S.	S.S.	A.G.				
Planted.....	82.6	60.45	5.85	1.5	10.	3.8	1.				
Sown.....											
Nat. Regen.....											
Totals	82.6	60.45	5.85	1.5	10.	3.8	1.				
Established—											
At ____ years											
At ____ years											
At ____ years											
At ____ years											
1st Thinning											
F.Y. 19____											
F.Y. 19____											
F.Y. 19____											
Deductions (Fires, etc.)											
F.Y. 19____											
F.Y. 19____											
F.Y. 19____											

PLANTATION AREA STATEMENT.

est

Original Area : acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.							
		S.P.	N.S	P.O	Ts.				
Planted.....	74.0	54.6	4.0	10.4	5.0				
Sown.....									
Nat. Regen.....									
Totals.....	74.0	54.6	4.0	10.4	5.0				
Established									
At..... years									
At..... years									
At..... years									
At..... years									
1st Thinning									
F.Y. 19.....									
F.Y. 19.....									
F.Y. 19.....									
Deductions (Fire's, etc.)									
F.Y. 19.....									
F.Y. 19.....									
F.Y. 19.....									

PLANTATION AREA STATEMENT.

st Inshriach.

Original Area :.....acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.							
		S.P.	Ts.						
Planted.....	42.5	41.	1.5						
Sown.....									
Nat. Regen.....									
Totals.....	42.5	41.	1.5						
Established—									
At.....years									
At.....years									
At.....years									
At.....years									
1st Thinning									
F.Y. 19.....									
F.Y. 19.....									
F.Y. 19.....									
Deductions (Fires, etc.)									
F.Y. 19.....									
F.Y. 19.....									
F.Y. 19.....									

PLANTATION AREA STATEMENT.

est Inshriach.

Original Area :acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.											
	S.P.	E.L.	N.S.	S.S.	D.F.								
Planted.....	43.	21.	4.	4.	6.	8.							
Sown.....													
Nat. Regen.....													
Totals.....	43.	21.	4.	4.	6.	8.							
Established.....													
At.....years													
At.....years													
At.....years													
At.....years													
1st Thinning													
F.Y. 19.....													
F.Y. 19.....													
F.Y. 19.....													
Deductions (Fires, etc.)													
F.Y. 19.....													
F.Y. 19.....													
F.Y. 19.....													

P2926/810

200 Pads

2/35

H, J, R & L,

Ld

Gp

616

PLANTATION AREA STATEMENT.

st. Insh 24 ch.

Original Area : acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.								
		S.P.	E.L.	N.S.	S.S.	D.F.	P.C.			
Planted.....	37.	25.	1.	.5	4.	.5	6.			
Sown.....										
Nat. Regen.....										
Totals.....	37.	25.	1.	.5	4.	.5	6.			
Established.....										
At.....years										
At.....years										
At.....years										
At.....years										
1st Thinning										
F.Y. 19.....										
F.Y. 19.....										
F.Y. 19.....										
Deductions (Fires, etc.)										
F.Y. 19.....										
F.Y. 19.....										
F.Y. 19.....										

7

P2926/810 200 Pads 2/85 H, J, R & L, Ltd Gp 616

st nsbriach

F.Y. 1938 to 19

1. Description.

Comp.	Acres.	Vegetation.
8	4.0	Mainly Calluna; Grass - <i>Dryloconium splendens</i> and <i>Trisetum</i> . Species mainly S...
1	3.0	
35	25.0	
30	12.0	
49	2.0	Birch-Calluna type (Expt. mixed, a
54	2.0	Calluna-birch type. Conifers

Allocation of species

S.P. 94, mixed Conifers 8

2. Treatment.

Heather covered at time of planting and all planting done with mattocks.

Comps. 49 and 54. Two acre blocks were fenced against rabbits. These Comps. of mixed Conifers were laid down on the instruction of Sir Roy Robinson, Chairman, as a guide to selection of species for Birch areas.

Graining Some grain was cut in Comp. 25.

1939. Beating-up. Beating-up done in experimental plots in Cs. 49 and 54, using *Tsuga*, *Cupressus Lawsoniana* and *Thuja* to beat-up the same species. In C.54 gaps in S.P. were filled up with *Thuja* as intended.

Weeding. 25 acres weeding of heather and grass areas was carried out.

1940. Weeding. 3 acres heather weeding done.

F.Y. 41. Beating Up: C.49 .5 acre *Thuja* B.U. with *Thuja* (500 plants used).

C.54 .5 acre *Thuja* B.U. with *Thuja* (500 plants used).

Weeding: 10 acres weeding done.

1. Description.

Comp.	Acres.	
20	1.	
21	0.	
22	1.	General
23	0.	S.P. Age 10 - 35 years.
24	0.	
25	0.4	
26	0.8	
27	0.8	

F.Y.41. Treatment Thinning: 3 acres in C.35 thinned.

F.Y.42 Thinning C's 22 and 34 thinned.

Felling: 4 acres mature S.P. in C.21 sold standing to H.C.T.P.D. and thereafter felled by that Department.

Drainage New Drains put in order and some new drains cut in C's 21 and 34.

F.Y.43. Thinning: 4.8 acs. S.P. in C.39 thinned. Some tonnage pitwood obtained.

F.Y. 19³⁷ to 19

Forest Inshriach.

1. Description.

Comp. Acres. - No 1st Planting.

Acquired Plantations.

F.Y. 1944 to 1945

SHEET 1.

est Inohriac

1. Description.

Comp.	Open.	
1	20.	
2	34	
3	30	
4	31	
5	44.5	
6	46.0	General
7	13.8	30 years.
8	20.	
20	5	
22	7	
23	4	
24	7	
25	8	
26	5	
27	5.6	
33	6	
39	2	
40	1	

2. Treatment

1938 the following acreage was thinned and produce purchased by Messrs. M. Koch.

Comp.	17 acres	
" 7	13.8	} Removed 113 trees per acre.
" 8	30.	
" 20	7	

F.Y. 40. S.P. Acquired Plantations in C's 1,2,3,4,5,6 (29.0 acres) 23,24 and 25, were thinned by T.S.D. and material converted to pitwood.
3.0 acres S.P. in C.6 were clear-felled.

F.Y.42. Thinning 3 acres N.S. in C.7 thinned by H.G.T.P.D. after making done by F.C.
Drainage New: Drains put in order in C.7.

F.Y.43. Felling: 39 acs. in C.s 7,8,22 felled by T.P.D.
36 acs. S.P. with E.L. gave volume of 3,237 cube per acre. 3 acs. N.S. gave 4,560 cub. per ac.
Thinning: Natural S.P. growth in C.s 5,26,27 thinned; 12 acs. dealt with. Drainage, new: Strip of timber left on East margin of C.s 7 and 8. Felled area drained to encourage wind-thinness.

F.Y. 19____ to 19____

Forest Inshriach

I. Description.

Treatment

F.Y.42. Beating Up: Thuya and Cup. Lawsoniana in experimental Block in C.49 were B.U. with same species. Thuya/S.P. in experimental Block in C.54 was B.U. with Thuya.

Weeding: Heather weeding done in C's 25 and 26 over 4 acres.

F.Y.44. Beating Up. Tsuga and C.Law. b.u. in experimental block in C.49.

F.Y.46 In comp. 25, 5 aca. were B.U. with 6.2 S.P. (2+1)

F.Y. 1939 to 19Forest Inshriach

1. Description.

<u>Compt.</u>	<u>Acres</u>	<u>Veg.</u>	
6	.5		Mainly Calluna, mosses.
7	12.5	"	Aira Flex., some Calluna, mosses.
8	16.5	"	Calluna, Aira flex., some Bracken, mosses
20	.5	"	Calluna, mosses.
21	18.	"	Aira flex., Calluna, mosses.
22	10.5	"	Mainly Calluna, mosses.
23	8.5	"	" " "
24	7.5	"	" " "
25	2.5	"	Calluna, Vaccinium vitis-ideae, mosses.
26	2.5	"	Calluna, Scirpus, mosses.
29	.5	"	Mainly Calluna, mosses.
30	7.5	"	" " "
31	6.3	"	Mainly Calluna, some Vaccinium vitis-ideae mosses.
32	.5	"	" " " " " "
33	13.7	"	" " " " " "
44	5.	"	Meadow grasses.
<u>113.</u>			

2. Treatment.

1938. Draining. 2.75 acres draining and mounding done in Cs. 24 and 26.

1939. Planting. Heather screefed with mattocks at time of planting.

Weeding. 12 acres weeding done, mostly in grass and bracken areas in Cs. 44 and 8.

1940. Weeding. 51 acres weeding done, mainly of grass areas.

F.Y.41. Beating Up: C.s 21 and 22 very lightly B.U. with S.P. C.44 4 acres E.L. B.U. with E.L. 750 per acre.

Weeding: 2 acres weeding done in C.44.

F.Y. 19____ to 19____

Forest Inshriach

1. Description.

Treatment.

F.Y.42 Weeding: Heather and grass weeding done in C's 8, 22, 23, 24, 25, 26, 29, 30, 31, 32, and 44 over 44 acres.

F.Y.43. Beating Up: Heavy b.u. of .5 ac. S.P. in C.6 and .5 acre S.P. in C.22 with S.P. Light b.u. of 3 acs. S.P. in C.23 with S.P. Light b.u. of 4 acs. E.L. in C.44 with E.L.

Weeding: Heather and grass weeding in C.s 30, 31, 33, 44.

Drainage, Upkeep: Drains deepened in C.s 24 and 25.

F.Y.44. Weeding. 9 acres heather and grass weeding in C.s 24, 30 and 44.

Drainage Upkeep. Drains cleaned and deepened in C.44.

F.Y.45. Beating Up. Beating up done as follows:
C.6, .5 acre S.P. beat up with S.P., medium density.
C.23, 3.5 " S.P. do. S.P., light "
C.44, 4. " E.L. do. S.P., light "
Weeding. Grass and heather weeding in C.s 23, 24, 25, 26 and 44.

F.Y.46 In comp. 44, 33) 12 acs were B.U. with 1.5 S.P. 2+2 and
" " 21-23) 4.8 S.P. 2+1

st InshriachF.Y. 19⁴⁰ to 19

1. Description.

<u>Compt.</u>	<u>Acres</u>	<u>Vegetation</u>
9	3.6	Grasses and Juncus. Sparse Calluna, Erica spp. mosses including sphagnum.
23	1.7)	Calluna, Molinia, some Scirpus, lichen and mosses.
24	5.6)	
29	6.6	Calluna, Erica cinerea, Molinia and Holcus mollis, mosses.
30	6.9)	Calluna, Molinia and other grasses, some Scirpus and mosses.
31	5.6)	
32	11.4)	Calluna, some Aira flexuosa, Empetrum nigrum, Genista anglica, mosses.
36	1.2)	
44	8.0)	Partial cover of Birch. Ground vegetation
45	27.0)	Grasses, including Holcus mollis, mosses, sparse
46	.4)	Calluna, Juncus in places, some bracken occasionally.
		Open field in C.45 has meadow grasses and mosses

Allocation of species

S.S. was used on mixed heather and grass type.

N.S. used on grass type with occasional Calluna.

S.P. used on hard Calluna knolls.

Ts. used under Birch cover where dry and N.S. where wet.

E.L. and J.L. were both used in open grass field with good soil conditions and suitable slope. N.S. used in wettish hollows here and Ts. on the harder ridges.

2. TreatmentF.Y. 39

Draining of spruce areas was carried out in C's 23,24,29,30 and 31. Turves cut from drains later used for mound planting.

F.Y. 40Draining of spruce areas was completed.
Prep. Ground/

st Inshriach

F.Y. 19⁴⁰ to 19

1. Description.

2. Treatment

F.Y. 40
(Contd.)

Prep. Ground. In C's 44 and 45 Birch-Juniper type vegetation was treated in accordance with special "Reserved Area" Plan. Partial Birch crop thinned out for planting of Tsuga, and N.S. where wet. Juniper partially cleared, leaving upright Juniper plants of good form. Open gaps in Birch crop were enlarged to take Tsuga groups. For amenity reasons an endeavour was made to retain as much of the natural Birch as possible consistent with the formation of a Tsuga plantation.

Planting. 78 acres were planted. E.L., J.L. and Ts. were notched in with garden spade. S.S. and N.S. were mound planted. Planting mattocks used on hard heather knolls for S.P. planting.

Weeding. 42 acres were weeded mainly in grass and Juncus areas.

F.Y.41. Beating Up: C.9 .5 acres S.S. B.U. with N.S. (300 plants used).

C.9 2.5 acres S.S. B.U. with S.S. 960 per acre.

C.45 1 acre J.L. B.U. with J.L. 800 per acre.

Weeding: 68 acres weeding done.

F.Y.42. Beating Up: 20 acres B.U. done in C's 23, 24, 29, 30, 31, and 45.

Weeding: Heather, grass and Bracken weeding in C's 9, 29, 30, 31, 32, 44, 45 and 46.

Drainage, upkeep: Drains deepened in C.32.

F.Y.43. Beating Up: Done in C.s 9, 23, 24, 29, 30, 31, 44, 45.

Density of b.u. ranged from light to heavy.

Weeding: Heather and grass weeding in C.s 9, 23, 24, 29, 30, 31, 32, 36, 44, 45. Drainage, Upkeep: Drains deepened in C.s 23 and 24.

F.Y. 19 46 to 19Forest INSHRIACH.

1. Description.

In comps. 29-31, 45, 16 acs. were B.U. with 8.2 S.P. 2+2.

"	"	23 & 24, 7	"	"	"	"	{	2. P.C. 2+2
							{	4.2 P.C. 2+1+1

"	"	44, 45, 14	"	"	"	"	{	2. D.F. 2+1
							{	3.7 D.F. 2+2

" " 44-45, 6 acs. of protecting birch were thinned to give more light to plants.

F.Y. 19____ to 19____

Forest Inshriach.

1. Description.

Comp.	S.P.	E.L.	J.L.	N.S.	S.S.	A.G.	Total:
8	2.25	3.25		5.			10.5
9	22.5	2.6		1.			26.1
31	.1				.2		.3
32	4.			4.			8.
34	16.6				3.		19.6
35	15.				.6		15.6
46			1.5			1.	2.5
	60.45	5.85	1.5	10.	3.8	1.	82.6

C.s 31 and 32 Calluna, Erica spp. ground with Molinia in parts.

C.s 34 and 35 Calluna heath.

C.9 Calluna heath with occasional bracken, juncas and grass.

C.8 mainly grasses with bracken, juncas and heather locally.

C.46 meadow grasses.

Allocation of Species: S.P. on Calluna ground.

E.L. on bracken slopes.

N.S. on wet grass areas.

S.S. on wettish calluna - grass areas.

A.G.)

J.L.) On old arable with meadow grasses.

Treatment: F.Y.41. Drainage done where necessary. Juniper and Birch scrub cut in C.s 8 and 9.Weeding: 55 acres weeding done.F.Y.42. Beating Up: 1 acre A.G. B.U. with A.G.Weeding: Heather, grass, rushes and bracken weeding in C's 8,9,31,32,34,35, and 46.Drainage, upkeep: Drains cleaned and deepened in C.31.F.Y.43. Beating Up: Light b.u. done in C.s 8,9,34 and 46.Weeding: Heather, grass and bracken weeding in C.s 8,9,31,32,34,35,46.F.Y.44. Beating Up. Light to moderate b.u. over 13 acres in C.s 9, 32, 34, 35 and 46.Weeding. 24 acres grass, bracken and heather weeding in C.s 8, 9, 32 and 46.Drainage Upkeep. Drains cleaned in C.s 8 and 46.

F.Y. 19____ to 19____

Forest Insterlach.

1. Description.

Acquired Plantations:

C.35 3 acres Acquired Plantation was lightly thinned and material obtained peeled for pitwood. Some high pruning done after thinning.

F.Y.45. Beating Up. Medium density b.u. of the following areas: C.8, N.S., 2 acres; C.9, E.L., 2 acres (species changed to N.S.); C.34, S.P., 12 acres; C.34, S.S., 2 acres; C.35, S.P., 10 acres; C.46, Tsuga, 1 acre. Heavy b.u. of 1 acre J.L. in C.46 with S.P.
Weeding. Grass, bracken and heather weeding in C.s 8,9,32,34,35 and 46.

F.Y.46. In comps. 35, 10 acres were B.U. with 5.2 S.P. 2+1
" " 9.32.46, 9 acres were B.U. with 6.3 S.P. 2+2
" " 9. 2 " " " " 1. N.S. 2+2

F.Y. 19 to 19

Forest Inshriach.

1. Description.

Comp.	S.P.	N.S.	P.C.	Ts.	Totals.
31	19.8				19.8
32	1.5		3.6		5.1
36	25.0		6.8		31.8
37	4.2				4.2
46	4.1	4.0		5.0	13.1
	54.6	4.0	10.4	5.0	74.0

Vegetation: C's 31, 32, 36 and 37 mainly Calluna-Molinia-Scripis type with pure Calluna on better knolls in C.36.
C.46, grasses and mosses with light cover of Birch in parts.

2. Treatment.

Thinning out of Birch and cutting of Juniper in C.46.

Drainage, New: Drains cut in C's 36 and 37 and additional drains in C.32.

Weeding: Heather and grass weeding in C's 32, 36, 37 and 46.

F.Y.43.

Beating Up: Moderately heavy b.u. of S.P. in C.s 31, 36 and 37 with same species. Moderately heavy b.u. of N.S. in C.46 with same species.

Heavy b.u. of Tsuga in C.46 with same species.

Weeding: Rank heather and rough grass weeding in C.s 31, 36 and 46.

F.Y.44.

Beating Up. 54 acres given a medium density b.u. in C.s 31, 36 and 46.

Weeding. Grass, young birch and heather cut over 54 acres in C.s 31, 36, 37 and 46.

F.Y.45.

Beating Up. 8 acres S.P. in C.36 given medium density b.u. with S.P.

Weeding. Grass and heather weeding in C.s 32, 36, 37 and 46.

F.Y. 46

In comps. 36, 37, 22 acs. were B.U. with 21.6 S.P. 2.1.

F.Y. 1943 to 19

Forest Inshriach.

1. Description.	Comp.	S.P.	Tsuga.	Total.
	37	12.		12.
	43	29.		29.
	44		1.	1.
	46		.5	.5
		41.	1.5	42.5

Vegetation: Mainly Calluna vulgaris in C.s 37 and 43. Grasses and mosses under light birch cover in C.s 44 and 46.

Treatment:

Drainage, new: Drains opened in C.s 37 and 43.

Weeding: Heather and grass weeding in C.s 37, 43 and 44.

F.Y.44. Weeding. Heather and grass weeding in C.s 37, 43, 44 and 46, over 42.5 acres.

F.Y.45. Beating Up. 14 acres S.P. in C.43 given heavy b.u. with S.P.

Weeding. Heather weeding in C.s 37 and 43.

F.Y.46 In comp. 37,43, 34 acs. were B.Up. with 31.6 S.P. 2.1.

F.Y. 19 44 to 19Forest Inshriach.

1. Description.	Comp.	S.P.	E.L.	N.S.	S.S.	D.F.	Total.
	10	21.	4.	4.	6.	8.	43.

Vegetation. Calluna dominant on major part of ground;
Bracken in patches and fine grasses on birch covered areas;
 Calluna-juncus-grass association in hollows, with occasional
 scirpus.

Prep. Ground. Birch scrub thinned out; old S.P. and juniper cut.

Drainage, New. Drains opened in wet hollows and valleys.

Weeding. 30 acres weeding of grass, bracken and heather done.

F.Y.45. Beating Up. Medium density b.u. of 1 acre E.L.,
 2 acres D.F. and 3 acres S.S. in C.10. Same species
 used.

Weeding. Bracken, grass and heather weeding in C.10.

F.Y.46 In comp. 16. 3 acres were B.U. with 1.5 E.L. 2+1.
 " " 10 13 " " " " 6. S.P. 2+1.

F.Y. 19 44 to 19.....

Forest Inshriach. Sheet I (Contd.)

1. Description.

Acquired Plantations.

45.5 acres S.P., with E.L. and N.S., felled in C.s
6 and 23 by T.P.D. Volume per acre 2,690 c.ft.
Total volume 122,405 c.ft.

F.Y. 19⁴⁵ to 19Forest Inshriach.

1. Description.	Comp.	S.P.	E.L.	N.S.	S.S.	D.F.	P.C.	Total.
	18.	23.5	1.	.5	2.	.5	2.5	30.
	33.	1.5			2.		3.5	7.
		25.	1.	.5	4.	.5	6.	37.

Vegetation. C.18, Calluna the dominant species. Patches of bracken and some grass-calluna hollows and one poor calluna-scirpus flat.

C.33 - poor calluna-scirpus and grass types.

Treatment.

Prep. Ground: Scrub birch, S.P. and Juniper cut and burned in C.18.

Drainage, new: Drains opened in wet peat bogs and hollows in C.18.

Weeding: Grass, bracken and heather weeding in C.s 18 and 33.

3 In comp. 18, 14 acs. were B.U. with 8.6 S.P. 2.1.

F.Y. 19 ⁴⁵ to 19 ⁴⁶

Forest INSHRIACH

1. Description.

No.	Acs.	
Comp. 23	4.4	Slope mainly gentle, undulating in places. Soil - in comps. 23 soil is deep peat.
42	7.	In comp. 42 soil is of a shallow gravelly nature. In comp. 47 & 48 soil mainly
47	11.6	shallow loam.
48	7	
Total	30 Acs.	Vegetation - Calluna, erica, vaccinium, molinia cranberry and soft grasses. In comp. 47-48 fairly dense birch scrub covered the ground.

Treatment - in comp. 23 ground was drained before planting with P.C. S.P. was planted in comp. 42 without any preparation.

In comp. 47-48 birch was thinned prior to planting. Species used D.F. & N.S.

PLANTATION AREA STATEMENT.

Original Area : _____ acres.

Forest INSHRIACH

[illegible]