

FORESTRY COMMISSION (SCOTLAND)
NORTH EASTERN DIVISION.

FOREST RECORD BOOK

LOSSIE FOREST.

FORESTER'S COPY.

STAFF RECORD.

Forest Lossie

DIVISIONAL & DISTRICT OFFICERS.			FORESTERS & FOREMEN-IN-CHARGE.		
Names.		Dates.	Names.		Grades. Dates.
D.O.	H.M. Steven	1937	J.B. Fell	F'man	1937
Dt.O.	A. Warren	1937	do, promoted	II.1	10/38
D.O.	F. Scott	1938	do		
Act.D.O.	L.A. Newton	1939	do.		1943
Dt.O.	I.J. Stewart	1939			
	do				
	do.	1943			
D.O.	do.	1944.	do.		1944.
D.O.,	I.J. Stewart.	1945.	do.		do. 1945.
Do.	do.	1946	C. Scife	Act. Gr.11	1/10/41

STAFF RECORD.

Forest Lossie

DIVISIONAL & DISTRICT OFFICERS.		FORESTERS & FOREMEN-IN-CHARGE.			
Names.		Dates.	Names.	Grades.	Dates.
Dt.O. R.J.Waterman		Aprill1947			
Cons. F.W. Oliver		May 1947			
Dt.O.J.A.M.Kennedy		Sept.1947			

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

Form R.4.

Forest LoessieF.Y. 1938 to 19

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
38	<u>Planting</u>	100	8, 21, 22	
39	Planting	102	1, 8, 20, 23, 24.	20.
40	<u>Planting</u>	123.6	1, 2, 7, 9, 20.	
	<u>Beating Up</u> P. 39 26 acs.) P. 38 5 ")31		20, 21, 22, 23, 24.	
41	<u>Planting</u>	125	2, 31, 32, 33, 34, 35.	
	<u>Beating Up.</u> P.39 10 P.40 5	15	1, 23, 24.	
	<u>Burnt</u> P..39	3.5	24.	
42	<u>Planting</u>	100.0	35, 38, 39, 40.	
	<u>Beating Up.</u> P.39 15 P.40 15 P.41 30	60	1, 7, 9, 20, 23, 24, 2, 31 and 32.	
43	<u>Planting</u>	100.0	38,39,41,42,43	
	<u>Beating Up</u> P.38 5. P.39 15. P.41 35. P.42 30.	85.	21 23, 24. 32, 34, 35. 36, 37	
	<u>Burnt Areas</u> 39. 23 41. 12	139		

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

Form R.4.

Forest Lossie.F.Y. 1944 to 19

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
1944.	<u>Planting.</u>	40.	C.s 6, 43, 46.	
	<u>Beating Up.</u>			
	P.39 15		C.s 23 and 24.	
	P.40 10		C.s 1 and 9.	
	P.41 18		C.s 31, 32 and 33.	
	P.42 30		C.s 36, 37 and 39.	
	P.43 50		C.s 39, 41 and 42.	
1945.	<u>Planting.</u>	39.	C.s 6 and 46.	
	<u>Beating Up.</u>			
	P.44.		C.s 2, 23, 24.	
	P.44.	5.	C.6.	
		7.	C.46.	
	P.43.	17.	C.38.	
		5.	C.39.	
		10.	C.41.	
		3.	C.45.	
	P.42.	15.	C.37.	
		10.	C.40.	
	P.41.	2.	C.2.	
		18.	C.31.	
		15.	C.35.	
	P.40.	5.	C.9.	
	P.39.	2.	C.23.	
		5.	C.24.	

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

Form R.4.

F.Y. 1946 to 19

Forest Lossie

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
1946	<u>Planting</u>	58.	19	
	<u>Beating Up</u>			
	P.43 8. }		24, 32, 35, 36, 41, 42	
	P.42 2. }		24, 32, 35, 36, 41, 42	
	P.41 10.5 }		8, 23, 31, 32, 35, 36, 41, 42	
	P.39 7. }		8, 23, 31, 32, 35, 36, 41, 42	
	P.38 1. }	28.5	8, 23, 24, 31	

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

Form R.4.

F.Y. 19 to 19

Forest Lossie

FOREST YEAR.	WORK DONE, ETC.		SITUATION (by Compartments).	
	Description.	Acres.	Normal Treatment.	Exceptional Treatment.
1947	<u>Planting</u>	80	5, 10, 24, 30	
	<u>Beating Up.</u>			
	P.41	11	32, 33, 35.	
	P.43	11	38	
	P.46	58	19	

Forest LessaieF.Y. 19 37 to 19 38FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

1937 No 1st planting.

Fencing. 57 chains of Boundary fence were completed (Stock & Rabbit).Protection. 96 Rabbits and 10 Brown Hares were destroyed.Note. Arrangements are made to erect a temporary fence and secure 300 acres against rabbits. The flats will be Tractor ploughed and 100 acres planted in F.Y. 38.38 100 acres were planted during F.Y.
Choice of species. In coastal Comps. and in deep sand pockets in other Comps. 1+1 and 2+1 C.P. were used. On short Calluna type S.P. 1+1 were used.Tools In deep Calluna garden spades were used. In shingle and sand ridges Schlich spades.Tractor Ploughing Good use was made of Tractor No. 5

- (a) 31 acres were successfully ploughed
- (b) Fire rides were turned over.
- (c) Brush for thatching was hauled to coastal areas.

Road. The rough track along South Boundary was repaired to allow of vehicular traffic.Drainage. A drain was cut through the centre of area in Comp. 31.Feeding The deep Calluna track through Comps. 8 and 31 were dealt with, involving 30 acres.Cleaning. 5 acres of Acquired Plantations were cleaned; dead and suppressed trees removed.Protection - Fire. Depots and main traces were formed.Protection - Other. Voles were troublesome in Comp. 31. Nux Vomica was laid down. The following were destroyed: 658 rabbits and 68 haresPlanting. It is proposed to increase the planting in 1940 from 100 - 150 acres.

F.Y. 19³⁹ to 19____Forest Lossie.FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

39

102 acres were planted during year;-
area divided as follows 43 acres sand dunes ,
50 more or less on flat and 9 acres on raised
ridges. - On coast marram grass and bare sand-
remainder mainly Calluna.

Choice of Species : C.P 1+1+1 & "+1 on sand &
partly on ploughed furrows, remainder S.P 2+1.
B.U. Nil.

Thatching : The sand blown dunes were thatched
with whin and broom & barn sweepings sown.

Drainage : Drains running through centre of
area were extended to temporary fence.

Fencing :- The fencing of the area was completed

Weeding : Heavy Calluna & whin areas in Ps. 38 &
39 were dealt with.

Acquired Plantations : Comps .3,4, & 13, were
cleaned and dead material sold as firewood.

Protection : The following were destroyed 238
rabbits and 48 hares.

Voies : Caused some worry but were success-
fully dealt with by poison.

Drought : The severe drought at the end of May
and early June burned rather severely the
planting on raised ridges //1 to beach -this
section will be B.U. during F.Y. 40.

Forester's House : Was completed in June.

40

Prep. Ground. Sand fixation by thatching with brush was
carried out over 4.5 acres. Barn sweepings
subsequently sown over 4 acres.

In preparation of ground for P.41 broom and whins were
cut over an area of 69 acres.

Fencing, New/

Forest LossieF.Y. 19⁴⁰ to 19__FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

40 (Contd.)

Fencing, New. New fence was erected along N. boundary of C's 1 and 2. A start was later made in fencing off part of newly acquired section, East of first section, for planting in F.Y. 41.

Planting. 123.6 acres were planted during the Forest Year. Heavy heather areas screefed prior to planting.

Method of planting was notching with garden spades.

For choice of species see Form R.7.

Beating Up. 46 acres B.U. was done.

Weeding. 302 acres were weeded. Heavy heather areas are the most troublesome and require careful attention.

Drainage, Upkeep. 151 chains of drains were repaired mainly throughout P.38 and P.39 ploughed ground.

Fencing Upkeep. 80 chains of fence repaired.

Protection, other. The following were killed during the Forest Year:- 491 rabbits, 42 hares, 313 mice.

Mice were troublesome in P.40 plantation and "break-back" traps were laid to combat the pest, with successful results.

41. Prep. Ground: This involved cutting of whins and broom over an area of 16 acres. A small amount of sand thatching with brushwood also done.

Drainage, new: A small amount of draining done in C.2 for P.41. Additional drains were cut in P.39, C.20 to cope with flood waters coming from East section. Some new drains were cut in C.7, P.40.

Fencing, new: At end of the year compartments on new section west of C.s 44,45,46, and including these had been enclosed with rabbit netting. Temporary fence between C.s 35 and 40 northwards could be lifted.

Planting: 125 acres planted. A good strike was obtained. On a hard shingle ridge where both S.P. and C.P. were tried S.P. was rather more successful than the C.P. and S.P. should be used on this type in future. For species, see R.7.

F.Y. 19 41 to 19____Forest Lossie.FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

41. Beating Up: 15 acres B.U. done. 10 in P.39 and 5 in P.40, using same sp. as original planting.
Plantations are in general well stocked.
Weeding: 392 acres weeding done. P.38 is nearly out of the weeding stage.
Drainage upkeep: Drain repairs carried out in P.39, C.20: P.40, C.7 and P.41, C.2.
Fencing Upkeep: Fence repairs carried out in P.38, C.s 8, 21, 22 and P.39, C.8.
Forest Protection: The following were killed during the year: 243 rabbits and 54 hares.
 Mice were not so troublesome as in previous year.
- 42 Prep Grounds: Cutting of whins was done in C's 39 and 40 for P.42 and advance work in C's 41, 42, 45 and 46.
Drainage, New: New drains were opened in P.39, P.41 and P.42 plantations and advance work done for P.43. P.39 work was in C.20 to carry water which courses through C's 21 and 20 during floods.
Planting: 100 acres planted. Mainly S.P. on Heather-grass-Fichen type. C.P. planted on Marram sand dunes.
Beating Up: Beating up was required in P.39, P.40 and P.41 plantations.
Weeding: Heavy growth of grass gave most trouble. P.38, P.39 P.40, P.41 and P.42 all required weeding, but very little in P.38.
Clearing: Wolves were cut out of Acquired Plantation in C's 3, 4 and 13. Produce obtained only of firewood value. Pruning of some selected stems was done.
Drainage, Upkeep: 50 chains drain repair work was done in P.38, P.39, P.40 and P.41 plantations.
Fencing/

Forest LossieF.Y. 19 41 to 19__FOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS.

- 42 Fencing, Upkeep: Repairs carried out on fences on West Section of Forest and minor repairs elsewhere as required.
Protection: The following were killed during the year:-
351 Rabbits, 49 Hares.
43. Prep. Ground: Marram Planting: Marram Grass was planted on a small scale in bare sand holes amongst the dunes in P.39 and P.43.
Thatching: Small-scale sand thatching operations done in P.40, P.41 and P.42.
Natural Regeneration: Preparation of ground for natural regeneration done in Acquired Plantation in C.s 3, 4 and 15. 3 feet wide strips screeded to prepare "seed-bed". A promising number of seedlings germinated during the summer.
Planting: 100 acres planted. Main species S.P., on heather-grass-lichen ground. C.P. used on sand-dune type.
Beating Up: Heavy b.u. required over 5 acres in P.38, C.21 following damage by flooding. Light b.u. programmes in P.39, P.40, P.41 and P.42.
Weeding: Grass and heather were the main weed growth dealt with; some whin cutting also required. Extensive weeding programme in P.40, P.41, P.42 and P.43.
Cleaning: Suppressed and wolf S.P. were ^{cut} out of Acquired Plantation in C.10. Firewood material obtained.
Drainage, Upkeep: Small amounts of drain repair work done in P.38, C.21 and P.39, C.20.
Fencing, Upkeep: Minor fence repair work was carried out.
Protection: The following were destroyed during the year:
294 rabbits, 67 hares.

Forest Lossie.P.Y. 19~~43~~⁴⁴ to 19____FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS.

1944.	<u>Prep. Ground.</u>	Considerable amount cutting of whins necessary prior to planting.
	<u>Drainage, New.</u>	No drains required for P.44. New drains opened in P.41, C.32.
	<u>Fencing, New.</u>	None.
	<u>Planting.</u>	40 acres planted. C.P. used on Marram grass areas mainly. S.P. used on Calluna - grass-lichen type. S.P. in C.6 started well, as did C.P. on Marram grass in C.45. Rabbits did some damage in C.46 during a period when this compartment was unsafe for work following military exercises.
	<u>Beating Up.</u>	Beating up was necessary in P.39, P.40, P.41, P.42 and P.45. Density of beating up ranged from light to medium.
	<u>Weeding.</u>	Weeding required in P. years 39, 40, 41, 42, 43 and 44. Grass, heather, whins and broom/ gave most trouble.
	<u>Cleaning.</u>	No cleaning operations.
	<u>Drainage Upkeep.</u>	Small amounts of drain repair work done in P. Years 38-43.
	<u>Fencing Upkeep.</u>	Repair work done at Section } (Fencing - C.s 6-10, 19-24, and Section } Schedule). - C.s 31-46.
	<u>Protection.</u>	The following were killed during the forest year - 258 rabbits, 47 hares; minor outbreaks of Pine Saw-fly had to be dealt with.

F.Y. 19⁴⁵ to 19Forest Lonsie.FOREST
YEAR.

GENERAL PROCEDURE AND OBSERVATIONS

1945. Prep. Ground. Whins and small S.P. scrub trees were cut in C.46. Rank growth of whins causes much preparatory work at some parts of this forest.
- Fencing. New. Rabbit fencing erected at C.s 15 and 27, primarily to complete an enclosure to encourage and safeguard natural regeneration in C.15, but also with a view to future planting programmes.
- Planting. 39 acres planted. Main species used was S.P. on calluna lichen and calluna - grass types. 1 acre S.S. tried on grass-calluna type and .25 acre S.S. in C.46 on moist juncus-bracken-calluna type.
- Beating Up. Beating up was mainly of a light density. In general the same species as original planting was used but N.S. used to beat up P.Omerica in C.3 and P.C. used to b.u. small areas of C.P. in C.s 23 and 24.
- Weeding. Much weeding was necessary in P.years 40-45. Grass, whins and broom gave most trouble. In one part, broom cut in the spring had grown over 18 inches again by late summer. It seems advisable to cut broom after it has made its summer growth, where practicable and where damage to plants is not imminent.
- Cleaning. Further pre-thinning work done in Acquired Plantation in C.10, on same lines as in F.Y.43, suppressed stems and wolves being cut out. This wood is very wind-swept and opening out must be gradual.
- Drainage Upkeep. Cleaning of drains was done as follows: P.38, C.21; P.39, C.20; P.40, C.7; P.41, C.s 2 and 32; P.42, C.36 and P.43, C.39.
- Fencing Upkeep. Fence repairs were carried out at the section involving C.s 31-46 (Fencing Schedule).
- Protection. The following were killed during the year:
223 Rabbits and 33 Hares. Pine Saw-Fly were more troublesome this year than formerly.

F.Y. 1946 to 19

Forest LossieFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

1946

Prep. Ground. Advance preparation of ground work was done - cutting of whins and broom and a small amount planting of Marram Grass. In future it is intended to do sand thatching instead of planting Marram grass, unless for any special reason Marram grass should be planted.

Drainage, new. New drains opened in C.19 to contain drainage water coming from East of C.19 during flood periods.

Planting. 58 acres planted. All S.P. on ploughed ground with Calluna-grass-lichen vegetation. Good quality plants started off well, but some less good planting stock made a slow start.

Beating Up. Beating up was mainly of moderate density. Some C.P. replaced with S.P. on flat ground.

Weeding. Grass growth was strong and several weedings were required.

Cleaning. Cleaning consisted of cutting whins and broom from established plantations.

Drainage, upkeep. Routine repair work done where necessary.

Fencing and upkeep. Minor repairs to South Boundary fence and fences at "Sea Drive".

F.Y. 19 47 19Forest Lossie.FOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

Prep. Ground. Cutting of whins and broom prior to planting, and thatching with Fir branches of 2 Ac. of each dunes Compt. 24.

Planting. 80 Acres planted. Chief species S.P. except in dunes where Corsican Pine was used.

Beating up. 80 Acres of beating up in P.41, P.43, P.46. Slightly over 500 trees being used per acre.

Weeding. Mostly cutting of whin and broom from younger plantations. Some grass weeding also required in P.44 and P.46.

Cleaning. Cutting of whins and broom from other plantations P. 38 & P.39. Total done 36 acres.

Brashing 10 Ac. of Acquired Plantation was brashed in Compt. 3.

Fencing Upkeep. A good deal of fence repair was done along the south boundary of the forest.

Protection - Other. Some weevil trapping was done around the Acquired Plantation in Compts. 3 & 4. Sporadic attacks, on a small scale, of Pine Sawfly throughout the plantations.

Rabbits killed	70
Hares "	26

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

Forest LossieFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

48

Prep. ground

Thatching C.25 12 Ac.

Whincutting C.3,5 & 18 31 Ac.

Planting

C.5 17½ Ac.

C.18 58 "

C.25 21½ " Total 97 Ac.Beating Up

P.44 20 Ac. C.6

P.45 25 " C.6 & 46

P.46 30 " C.19

P.47 80 " C.5, 10, & 32

The replacements were between 400 & 500 plants per acre

Weeding.

Mainly heather and whins.

P.43 16 Ac. C.42

P.44 16 " C.6

P.45 18 " C.6

P.46 25 " C.19

P.47 20 " C.10

P.48 37 " C.18 & 25

Cleaning

Cutting of whins and birch in plantations past the weeding stage.

P.38 23 Ac. C.52

P.40 11 " C.2

Brashing

C.8 Ac. Plan. Corsican Pine 1½ ac.

Thinnings

Acquired Plantations of S.P.

C.3. 15 Ac.

4. 5 "

10. 1½ "

13. 3 "

Total 24½ Ac. which gave 7530 cu.ft. of timber.

F.Y. 19__ to 19__

Forest

DoniaFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS.

49

Prep Ground

thatching C's 27 & 28. - $8\frac{3}{4}$ Acres.
Acrot. - cutting which C's 11 & 17 - 5 Acres.
 for P49 planting.

cutting which 5 rough seedling beds C's 4, 11, 12, 13, 15, 16 & 17 - 24 $\frac{1}{2}$ Acres for P. 50.

Planting

C 4.	-	4.0 Ac.
11	-	45.0 "
12	-	31.0 "
13	-	3. "
16	-	1. "
17	-	54. "
26.	-	17. "
		<u>155 "</u>

Beating up.

P45	- 2 Ac.	- C. 6. (S.S.) ¹⁰⁰⁰⁰
P46	- 58 "	- C 19 (S.D) 8000
P47	- 74 "	- C's 5 & 10 16000
P48	- 98 "	- S. 18. & 25. 20000.

Weeding. Mainly heather. grass & gorse.

P43	Compts.	39 & 42.	7 Acres.
P44	"	6 & 44	8 "
P45	Compt.	6	13 "
P48	Compts.	18 & 25	20 "
P49	"	17 & 26	34 "

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

Forest LossieFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

49

Prep. GroundThatching C.'s 27 & 28 - $8\frac{3}{4}$ AcresScrub - cutting whins C.'s 11 & 17 - 5 Acres for P.49
planting. Cutting whins & rough seedling ScotsC.'s 4, 15, 16 & 17 - $24\frac{1}{2}$ Acres for P.50.Planting

C.4 4.0 Acres

11 45.0 "

12 31.0 "

13 3.0 "

16 1.0 "

17 54.0 "

26 17.0 "

155.0 "Beating Up

P.45 2 Acres - C. 6 (S.S) 1000 plants

P.46 58 " C.19 (S.P.) 8000 "

P.47 74 " C.'s 5 & 10 16,000

P.48 98 " C.'s 5, 18 & 25 20,000

Weeding. Mainly heather, grass & gorse.

P.43 Compts. 39 & 42 7 Acres

P.44 " 6 & 44 8 "

P.45 " 6 13 "

P.48 " 18 & 25 20 "

P.49 " 17 & 26 34 "

F.Y. 19____ to 19____

Forest LossieFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

49

Cleaning. Cutting out gorse and weeds in plantations past the weeding stage.

P.38	Compts. 8 & 21	13 Acres
P.40	" 9	7 "
P.41	" 33 & 34	27 "
P.42	" 40	18 "

F.Y. 19 50 to 19Forest LossieFOREST
YEAR

GENERAL PROCEDURE AND OBSERVATIONS

50 Thatching, was required, over $8\frac{1}{2}$ acres in Compts. 29 and 30, where there is considerable sand movement.

Planting Corsican Pine in the dunes 1 + 1 plants were used. S.P. 1 + 1 were used for the "flats".

48 For beating up in the dunes among thick narrow grass 2 + 1 Corsican was used. A screef was prepared so as to give the plants a better chance of survival.

Sheet 1 Concord Acquired Plantations

Forest _____

F.Y. 19____ to 19____

1. Description.

Comp.	Acres.	
3	5.8	} S.P. Unsexen aged.
4	4.7	
13	1.5	

2. Treatment

1937. Prior to the area being acquired, a heath fire spread through the surround of the Plantation - many trees were scorched badly - those formed excellent breeding ground for the Pine shoot beetle.
1939. The plantations were cleaned and material sold as Firewood.
1942. Wolves cut out and a number of the best stems pruned.

1. Description.

Comp.	Acres.		
8	1.25	S.P. and C.P.	} age 11 to 20 years
9	.75	S.P.	
10	1.	S.P.	

2. Treatment.

1933 3 acres cleaned; dead and suppressed trees removed.

F.Y.43. Cleaning: Suppressed stems and wolves cut out of Acquired Plantation in C.10.

F.Y.45. Cleaning. Further pre-thinning work done in C.10; similar to work done in F.Y.43.

F.Y. 19 to 19

Forest Lossie1. Description F.Y.47Brashing Compt. 10 3 Ac.

F.Y. 1937 to 19

Forest Lossie

1. Description.

No 1st Planting.

Forest LonnieF.Y. 19 30 to 19

1. Description.

Comp.	Acres.	Vegetation.
8	33.5	Mainly Calluna. Some bare wind-swept hummocks.
21	49.5	Calluna. Hard shingle ridges run transversely across the area.
22	14	Coastal. Marram and some bare sand.

Allocation of species, C.P. 70 %, S.P. 30 %.

2. Treatment. (a) 45 acres were tractor ploughed.
 1938. (b) In Comp. 22 along coast, sand fixation was carried out, by thatching and sowing of barn sweepings. Bare stretches in Comp. 8 were similarly dealt with.
 (c) Prior to planting fencing against rabbits was completed.

1939. Weeding Heavy Calluna & Whin areas dealt with.

1940. Beating Up. 5 acres B.U. done as follows.
 C.21. 3 acres C.P. were B.U. with C.P. 1+1+1, 1000 per acre.
 C.22. 2 acres C.P. were B.U. with C.P. 2+1, 1000 per acre.

Weeding. 97 acres weeding done.

F.Y.41. Weeding: 42 acres weeded in C.s 8 and 21.
Fencing Upkeep: Repairs done at C.s 8, 21, 22.

F.Y.42. Weeding. Weeding done in C's 8 and 21.
Drainage, Upkeep. Drains cleaned in C.21.

F.Y.43. Firming of Plants: Firming plants done where required.

Beating Up: 5 acs. S.P. in C.21 given heavy b.u. with S.P. Heavy b.u. necessary following damage by flood waters.

Drainage, Upkeep: Drain repair work in C.21.

F.Y. 19 44 to 19Forest Lossie.1. Description. Drainage Upkeep. Drains repaired in C.21.F.Y. 45. Drainage Upkeep. Drains cleaned in C.21.F.Y. 46. Beating Up. .5 acre C.P. in C.3 B.U. with S.P.
Cleaning. Occasional whins and broom out out.

F.Y. 19____ to 19____

Forest Lossie

1. Description.

Cleaning. Compts. 8, 21 whins.

F.Y. 1939 to 19Forest Lossie.

1. Description.

<u>Comp.</u>	<u>Acres.</u>	
1	2	<u>Vegetation:</u> Calluna, grass, whin.
8	6.75	do do
20	50.25	Calluna (mainly shingle)
23	19.5	Marram & Bare sand
24	23.5	do do

Allocation of Species %.

C.P. 76%, S.P. 23%, M.P. 1%.

2. Treatment

1938 50 acres Tractor Ploughed 4'6" spacing.
do The bare patches on coastal dunes were
thatched and sown with barn sweepings.

1939 Thatching of blown sand dunes completed.

Draining A double drain cut through centre valley.

Weeding Grass and whin areas had to be dealt with twice.

1940 Beating Up. 41 acres B.U. was done as follows.

C.20. 30 acres C.P. were B.U. with (C.P. 1+1+1,
700 per acre. (C.P. 2+1

C.23. 6 acres C.P. were B.U. with C.P. 2+1,
580 per acre.

C.24. 5 acres C.P. were B.U. with C.P. 2+1,
300 per acre.

Weeding. 115 acres weeding was carried out,
mainly in heather areas.

F.Y.41. Drainage: New drains cut in C.20 and existing drains repaired.

Beating Up: C.23 5 acres C.P. B.U. with C.P. 500 per acre.

C.24 5 acres C.P. B.U. with C.P. 400 per acre.

Weeding: 90 acres weeded in C.s 8, 20, 23, 24.

Fencing Upkeep: Fence repairs carried out in C.8.

F.Y. 19 39 to 19Forest Lossie

1. Description.

2. Treatment.

- F.Y. 42. Drainage, New. New drains opened in C.20.
Beating-Up. Light B.U. over 15 acres in C's 20, 23 and 24 using C.P. to B.U. C.P. in C.20 but P.C. to B.U. C.P. in C's 23 and 24.
Weeding. Weeding done in C's 8, 20, 23 and 24.
Drainage, Upkeep. Drains cleaned in C.20
- F.Y. 43. Marram planting. Some Marram grass planted on sand dunes in C.s 23 and 24.
Beating Up: 15 acres C.P. in C.s 23 and 24 lightly b.u. with same species.
Drainage, Upkeep: Drain repair work in C.20.
- F.Y. 44. Beating Up. Light b.u. over 15 acres in C. 23 and 24.
Weeding. Whins and broom cut in C.8.
- F.Y. 45. Beating Up. 2 acres C.P. in C.23 and 5 acres C.P. in C.24 given a light b.u. with P.C.
Drainage Upkeep. Drains cleaned in C.20.
- F.Y. 46. Beating Up. 2 acres C.P. in C.23 B.U. with S.P.
 6 " " " C.24 " " S.P.
Cleaning. Occasional whins and broom cut out.

F.Y. 19__ to 19__

Forest Lossie

1. Description.

F.Y.47 Cleaning

Compt. 20 whins

" 8 "

F.Y. 19⁴⁰ to 19Forest Lossie

1. Description.

<u>Compt.</u>	<u>Acres</u>	<u>Vegetation</u>
1	27.5	Calluna, Lichen, Erica cinerea, Carex sp. some Aira flexuosa.
2	26.	Mainly Calluna; some Carex and Aira caespitosa, Erica cinerea, mosses.
7	16.	As above. 2 acres ploughed.
9	47.35	Calluna, Lichen, some Carex sp. and mosses. 9 acres ploughed.
20	6.75	Calluna, Lichen, mosses. Ploughed.
	<u>123.6</u>	

Allocation of Species. S.P. was used on the pure Calluna ground and where Calluna the dominant species. C.P. used on the barer sandy knolls. S.S. Used on $\frac{1}{2}$ acre wet Carex and Juncus ground.

2. Treatment.

F.Y. 40 Prep. Ground. Sand fixation by thatching was done over 4.5 acres and 4 acres were treated by sowing barn sweepings.

Tractor ploughing had previously been carried out in F.Y. 38 over a part of the P.40 planting ground.
Planting. In heavy heather areas screefing was done prior to planting. Plants were then notched in.

Weeding. 90 acres weeding was done mostly in heather areas.

Protection, other. Trapping of mice was successfully carried out in C.9.

F.Y.41. Drainage. New drains cut in C.7 and existing drains cleaned.

Beating Up: C.1 5 acres S.P. B.U. with S.P. 400 per acre.

Weeding. 130 acres weeded in C.s 1,2,7,9,20.

F.Y. 19 40 to 19Forest Lossie

1. Description.

2. Treatment.

- F.Y. 42. Beating Up. 15 acres given a light B.U. in C's 1, 7 and 9 using same species as original planting.
Weeding. Weeding done in C's 1, 2, 7, 9, and 20
Drainage, Upkeep Drains cleaned in C.7.
Fire .25 acres in C.9 was destroyed by fire.
- F.Y. 43. Thatching. Some sand thatching done in C.2.
Beating Up: 2 acres S.P. in C.9 lightly b.u. with S.P.
Weeding: Grass and heather weeding in C.s 1, 2, 6, 9.
- F.Y. 44. Beating Up. Light b.u. over 10 acres in C.s 1 and 9.
Weeding. Whins and grass cut in C.s 1, 2 and 7.
Drainage Upkeep. Drains cleaned in C.7.
- F.Y. 45. Beating Up. Medium density b.u. over 5 acres S.P. in C.9, using same species as original.
Weeding. Whins and broom cut in C.s 1, 2 and 7.
Drainage Upkeep. Drains cleaned in C.7.
- F.Y. 46. Weeding. Weeding in C.7
Cleaning. Occasional whins and broom cut out.

F.Y. 19____ to 19____

Forest Lossie1. Description. F.Y.47Weeding. 58 Ac. Compts. 1, 2, 7 whin and grass

F.Y. 19 41 to 19__Forest Lossie.

1. Description.

Comp.	S.P.	C.P.	P.O.	Total.
2			2	2.
31		23		23.
32	25			25.
33	26			26.
34	25.5			25.5
35	23.5			23.5
	100.	23	2	125.

Flattish ground with heavy heather vegetation mainly, but with patches of grass and Carex. Marram Grass on coastal dunes. One hard shingle ridge with stunted heather lichen vegetation. 2 acres rank grass and juncos liable to frost.

Species. S.P. on heather ground and carex flats. C.P. on dunes.

S.P. and C.P. both tried pure on hard ridge.

P.Omor. On Aira caesp. juncos ground.

2. Treatment. Prep. Ground; Whin and broom cut over 16 acres in C.s 34 and 35 and a small amount sand thatching done.

Drainage. 2 acres drained in C.2.

Weeding. 130 acres weeded in C.s 2, 31, 32, 33, 34, 35.

F.Y. 42 Drainage, New. Drains cut in C.32

Beating Up 30 acres B.U. in C's 2, 31 and 32 mainly light, but moderately heavy in C.32. Same species used as original planting except in C.31 where 5 acres C.P. was B.U. with S.P.

Weeding. Weeding done in C's 2, 31, 32, 33, 34 and 35

Drainage, Upkeep. Drains cleaned in C.2.

F.Y. 43. Thatching: Some sand thatching done in C.31.

Beating Up: 35 acs. S.P. lightly b.u. with same species in C.s 32, 34 and 35.

Weeding: Grass, heather and whin weeding in C.s 2, 31, 32, 33, 34 and 35.

F.Y. 1944 to 19Forest Lossie.

1. Description. Drainage, New. New drains opened in C.32.
- Beating Up. Medium density b.u. in C.s 31, 32 and 33, over 18 acres.
- Weeding. Whin, grass and heather weeding in C.s 31, 32, 33, 34 and 35.
- Drainage Upkeep. Drains cleaned in C.s 2 and 32.
- P.Y.45. Beating Up. Light b.u. as follows:
- C.2 - 2 acres P. America b.u. with N.S.
- C.31 - 18 acres C.P. " " C.P.
- C.35 - 15 acres S.P. " " S.P.
- Weeding. Grass, heather, whin and broom weeding in C.s 2, 31, 32, 34 and 35.
- Drainage Upkeep. Drains cleaned in C.s 2 and 32.
- P.Y.46. Beating Up. 2 acs. C.P. in C.31 B.U. with S.P.
- 2 " S.P. in C.32 " " "
- 16 " " " C.35 " " "
- Weeding. Weeding in C.'s 32, 33, 34, and 35.

F.Y. 19____ to 19____

Forest Lossie

1. Description F.Y. 47

Beating Up 11 Acres in Compts. 32, 33, 35 in patches.
550 plants required to the acre.

Weeding. 30 Acres in Compts. 34 and 35.

F.Y. 1942 to 19

Forest Lossie

1. Description.

<u>Comp.</u>	<u>S.P.</u>	<u>C.P.</u>	<u>Totals.</u>
35	4.		4.
36	24.		24.
37	3.5	20.	23.5
39	18.5		18.5
40	30		30
	80.	20.	100.

Vegetation: Mainly Calluna-Grass-Lichen type with whins but C.37 has Marram grass on sand dunes and one hard shingle bridge with short Calluna and Lichen.

2. Treatment.

F.Y.42 Prep Ground. Cutting of whins done in C's 39 and 40
Drainage. New Drains opened in C.36
Weeding. Grass weeding in C's 35, 36, 37, 39 and 40.

F.Y.43. Thatching: Some sand thatching done in C.37.
Weeding: Grass, heather and whin weeding done in C.s 36, 37, 39, 40.

Beating Up: 10 acs. S.P. in C.s 36 and 37 given light b.u. with same species. 20 acs. C.P. in C.37 given medium density b.u. with same species.

F.Y.44. Beating Up. Medium density b.u. in C.s 36, 37 and 39 over 30 acres.

Weeding. Grass and heather weeding in C.s 36, 37, 39 and 40.

Drainage Upkeep. Drains cleaned in C.36.

F.Y.45. Beating Up. Light b.u. with same species as original, over the following areas: C.37, 3.5 acres, S.P; C.37, 11.5 acres C.P; C.40, 10 acres, S.P.

Weeding. Grass, whin and broom weeding in C.s 36, 37, 39 and 40.

Drainage Upkeep. Drains cleaned in C.36.

F.Y. 19____ to 19____

Forest Lossie

Page 2.

1. Description.

2. Treatment. F.Y. 46. Beating Up. 5 acs. S.P. in C. 36 B.U. with SP.
Weeding. Weeding in C.'s 25, 37 and 40.

F.Y. 19____ to 19____

Forest Lossie1. Description P.Y. 17Weeding. 39 Ac. Compts. 36, 40 whin and grass.

F.Y. 1943 to 19

Forest Losses.

1. Description.	Comp.	S.P.	C.P.	Total.
	38	7.	19.5	26.5
	39	11.		11.
	41	30.		30.
	42	24.5		24.5
	43	6.5	1.5	8.
		<u>79.</u>	<u>21.</u>	<u>100.</u>

Vegetation: Mainly Calluna-grass-lichen type, with whins, but coastal parts of C.s 38 and 43 is sand-dune type with Marram grass.

Treatment: Some Marram grass planted in bare sand holes.

Weeding: 95 acres weeding of grass, heather and whins.

1944. Beating Up. Medium density b.u. in C.s 38, 41 and 42, over 50 acs.

Weeding. Grass and heather weeding in C.s 38, 39, 41 and 42.

Drainage Upkeep. Drains cleaned in C.39.

F.Y.45. Beating Up. Light beating up as follows:

C.38, 7 acres S.P; C.38, 10 acres C.P; C.39, 5 acres, S.P; C.41, 10 acres, S.P; C.43, 5 acres S.P. Same species as original used for b.u.

Weeding. Grass, whin and heather weeding in C.s 38, 39, 41, 42, 43.

Drainage Upkeep. Drains cleaned in C.39.

F.Y.46. Beating Up. 10 acs.S.P. in C.41 B.U. with S.P.

10 " " " C.42 " " "

Weeding; Weeding in C.'s 38, 42 and 43.

F.Y. 19____ to 19____

Forest Lossie1. Description: F.Y.47

Beating Up 11 Acres in Compt. 38 Corsican Pine, 550 plants required to the acre.

Weeding. 50 Acres in Compts. 39, 41, 42 of whins, grass and bracken.

F.Y. 19 44 to 19__Forest Lossie.

1. Description.	<u>Comp.</u>	<u>S.P.</u>	<u>C.P.</u>	<u>Total.</u>
	6	18.5		18.5
43			14.5	14.5
46		7.		7.
		<u>25.5</u>	<u>14.5</u>	<u>40.</u>

Vegetation. C.43, mainly marram grass on sand dunes.
 C.6, calluna-grass-lichen type with whins and some bracken.
 C.46, mainly calluna-lichen type with some grass, whins and bracken.

(2) Treatment.

Prep. Ground. Whins were cut in C.s 6 and 46 prior to planting.

Weeding. Grass and bracken cut in C.s 6 & 46.

F.Y.45. Beating Up. Light beating up over 3 acres in C.6 and 7 acres in C.46.

Weeding. Grass, whin and heather weeding in C.s 6, 43 and 46.

F.Y. 46. Weeding. Grass, whin and bracken weeding where required.

F.Y. 19__ to 19__

Forest Lossie

1. Description F.Y. 47

Weeding. 29 Ac. C.6 whins.
C.43 grass

F.Y. 19~~45~~ to 19__Forest Lossie.

1. Description.	Compt.	S.P.	S.S.	Total.
	6.	19.5	1.	20.5
	46.	18.25	.25	18.5
		<u>37.75</u>	<u>1.25</u>	<u>39.0</u>

Vegetation. C.6. Calluna-lichen type with whins, mainly, but some calluna-grass type.

C.46. Mainly calluna-lichen type with some grass and small amount bracken and juncus.

Prep. Ground. Whins and some small S.P. scrub trees cut in C.46.

Weeding. Weeding of grass, whins, calluna and bracken in C.s 6 and 46.

Treatment.

F.Y. 46. Weeding. Grass, whin and bracken weeding where required.

F.Y. 19 46 to 19

Forest Lassic

1. Description.	Comp.	S.P.	Total
	19	58.	58 acres

Vegetation. Calluna-grass-lichen type. The area was ploughed by caterpillar and heavy plough in F.Y.38, but planting had to be delayed as compartment was part of bombing range.

F.Y. 19___ to 19___

Forest Lossie1. Description. F.Y. 47

Beating Up. 58 Acres in Compt. 19 (whole compartment) replacements 500 per acre.

Weeding. Compt. 19 grass and whins.

F.Y. 19 47 to 19Forest Lossie

1. Description.

Compt.	S.P.	C.P.	Total
5	27.5		27.5
10	47.0		47
24		3.5	3.5
32	2.0		2.
<hr/>			
	76.5.	3.5	80

Vegetation. Compt.24 Marram grass (sparse) on sand dunes.
Remainder calluna-grass-lichen type with whin abundant .

Treatment. Whins cut in Compts. 10 & 19. Thatching, to
fix sand on 2 Acres with fir branches.

PLANTATION AREA STATEMENT.

Forest Loasie

Original Area : _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.									
		S.	P.	C.	P.						
Planted _____	100.	30.	569.	5							
Sown _____											
Nat. Regen _____											
Totals _____	100.	30.	569.	5							
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.

Forest Loasie

Original Area : _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.					
		S.P.	C.P.	J.L.	M.P.	Be.	
Planted _____	102	24.25	76.25	.25	1	.25	
Sown _____							
Nat. Regen _____							
Totals _____	102	24.25	76.25	.25	1	.25	
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.

Forest LOSSIEOriginal Area 123.6 acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.							
		S.P.	C.P.	S.S.					
Planted.....	123.6	115.75	7.35	.5					
Sown.....									
Nat. Regen.....									
Totals.....	123.6	115.75	7.35	.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.

Forest Lossie

Original Area: _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.					
			S.P.	G.P.			
Planted _____	100.		80.	20.			
Sown _____							
Nat. Regen. _____							
Totals _____	100		80.	20			
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.

Forest Lossie.

Original Area : _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.					
		S.	P.	C.	P.		
Planted _____	40.	25.5	14.5				
Sown _____							
Nat. Regen. _____							
Totals _____	40.	25.5	14.5				
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.

Forest Lossie.

Original Area: _____ acres.

	TOTAL ACRES.	ACREAGES BY SPECIES.							
		S.P.	S.S.						
Planted.....	39.	37.75	1.25						
Sown.....									
Nat. Regen.....									
Totals.....	39.	37.75	1.25						
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 Lossie.

	TOTAL ACRES.	S.P.	ACREAGES BY SPECIES.							
Planted _____	58.	58.								
Sown _____										
Nat. Regen. _____										
Totals _____	58.	58.								
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 Lossie

	TOTAL ACRES.	ACREAGES BY SPECIES.							
		S.P.	C.P.						
Planted _____	80	76.5	3.5						
Sown _____									
Nat. Regen _____									
Totals _____									
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____									