

FORESTRY COMMISSION

ELEVENTH ANNUAL REPORT OF THE  
**Forestry Commissioners**  
YEAR ENDING SEPTEMBER 30th, 1930

*(Presented pursuant to Act 9 & 10 Geo. V., c. 58, s. 8 (4).)*

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# ELEVENTH ANNUAL REPORT

of the

## FORESTRY COMMISSIONERS.

Year ending September 30th, 1930.

### Forest Policy.

There are no changes or developments to record in Forest Policy. The year under review is the first of the second decade and full details of the programme of planting and forming forest workers' holdings have already been given in the Tenth Annual Report. Apart from due attention to forestry education and research, and the promotion of planting by means of grants to local authorities and private owners, the main objectives of the Commissioners are to plant 353,000 acres and to establish 3,000 forest workers' holdings during the ten-year period.

Final sanction to proceed with the new programme was not received until 19th September, 1929, and operations in the year under review, which commenced on October 1st, have suffered somewhat owing to inadequate time for preparation.

### Finance.

The balance in the Forestry Fund at the commencement of the forest year was £349,466. Receipts from Parliamentary votes and operations amounted to £1,086,137, payments to £808,237 and the balance at the end of the year was consequently £627,366 (*see* Table I, p. 6). Balances remaining in the Fund at 30th September are large because the forest year closes in the middle of the financial year.

In making a forecast of expenditure over the second decade the Commissioners estimated the payments and receipts year by year: on this basis payments during the year under review were £149,763 less and receipts from operations £3,337 greater than was anticipated at the time the 10-year estimate was compiled. Details are given below.

#### *Forestry Fund: Payments and Receipts.*

Year ending 30th September.	Payments.			Receipts.			Net Payments.			
	Proposed.	Actual.	Excess (+) Deficit (-)	Proposed.	Actual.	Excess (+) Deficit (-)	Proposed.	Actual.	Excess (+) Deficit (-)	
	£	£	£	£	£	£	£	£	£	
First decade, 1920-29 ...	—	4,502,018	—	—	851,484	—	3,892,000	3,650,534	-241,466	
Second decade: 1930... ..	958,000	808,237	-149,763	145,000	148,337	+3,337	813,000	659,900	-153,100	
							<b>Total</b>	<b>4,705,000</b>	<b>4,310,434</b>	<b>-394,566</b>

In order to avoid confusion it should be borne in mind that the first decade covered 10½ financial years.

### Land Acquisition.

Acquisitions during the year amounted to 58,482 acres, of which 34,508 acres were classified as plantable. Disposals amounted to 252 acres (148 acres plantable), thus reducing the net acquisition of plantable land to 34,360 acres. Net acquisitions to the end of the forest year 1930 are compared in the table below with the Commissioners' programme. The total area of plantable land acquired to the 30th September, 1930, amounted to 344,590 acres, or 97,410 acres less than the proposed area.

#### Acquisition of Plantable Land.

Year ending 30th September.	By Lease or Feu.			By Purchase.			Total.		
	Proposed.	Actual.	Excess(+) Deficit (-)	Proposed.	Actual.	Excess(+) Deficit (-)	Proposed.	Actual.	Excess(+) Deficit (-)
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
First decade, 1920-29 ...	100,000	156,759	- 3,241	222,000	153,471	- 68,529	382,000	310,230	- 71,770
Second decade: 1930 ...	10,000	8,409	- 1,591	50,000	25,951	- 24,049	60,000	34,360	- 25,640
Total ...	170,000	165,168	- 4,832	272,000	179,422	- 92,578	442,000	344,590	- 97,410

Note.—In addition, 4,866 acres were acquired in Ireland to 31st March, 1922.

### Planting Programme.

#### STATE FORESTS.

The area planted during the year was 24,721 acres, or 279 acres less than the Commissioners' programme, as shown in the following table:—

#### Area Planted.

Year ending 30th September.	Proposed to be Planted.	Actually Planted.			Excess (+) Deficit (-)
		New Planting.	Replace- ments.	Total.	
	Acres.	Acres.	Acres.	Acres.	Acres.
First decade, 1920-29 :					
Conifers ...	150,000	125,799	4,969	130,768	-19,232
Hardwoods ...	Un- specified	5,774	1,737	7,511	
				138,279	
Second decade : 1930 ...	25,000	21,499	3,222	24,721	-279
Total ...	—	153,072	9,928	163,000	—

Note.—In addition, 1,697 acres were planted in Ireland to 31st March, 1922.

The total area planted to 30th September, 1930, was 163,000 acres, of which 153,416 acres consisted of conifers and 9,584 acres of hardwoods. New planting accounted for 153,072 acres and replacements 9,928 acres. Details are given below.

	<i>Conifers.</i>	<i>Hardwoods.</i>	<i>Total.</i>
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
New Planting	... 145,818	7,254	153,072
Replacements	... 7,598	2,330	9,928
Total ...	... 153,416	9,584	163,000

#### ASSISTANCE TO LOCAL AUTHORITIES AND PRIVATE OWNERS.

Under the Commissioners' programme financial provision has been made for State assistance to local authorities and private owners for the planting of approximately 6,000 acres per annum. The area planted during the year was 6,702 acres as shown on page 27.

#### Education and Research.

A Committee was appointed in May, 1930, by the Secretary of State for the Colonies to enquire generally into the training in Great Britain of candidates and probationers for Government Forest Services, the composition and terms of reference of the Committee being as follows:—

*Chairman:* Sir James Irvine, C.B.E., F.R.S. (Principal of St. Andrews University).

Mr. G. E. S. Cubitt, C.B.E. (Late Conservator of Forests, Malaya).

Major R. D. Furse, D.S.O. (Private Secretary (Appointments) to the Secretary of State for the Colonies).

Sir Thomas Middleton, K.C.I.E., K.B.E., C.B. (Development Commissioner).

Mr. R. L. Robinson, O.B.E. (Vice-Chairman and Technical Commissioner, Forestry Commission).

Mr. F. W. H. Smith (Assistant Secretary, India Office).

Mr. C. G. Trevor (Late Vice-Principal and Professor of Forestry, Dehra Dun, India).

*Secretary:* Mr. G. H. Creasy (Colonial Office).

“To consider and report on the training of candidates and probationers for appointment as Forest Officers in the Government Service.”

On Mr. C. G. Trevor's return to India in November, 1930, Sir Alexander Rodger, O.B.E., Inspector General of Forests, India, and President, Forest Research Institute and College, Dehra Dun, was appointed a member of the Committee.

### Forest Workers' Holdings.

The number of holdings completed during the year was 159 against 350 proposed for each of the first five years of the second decade.

### OPERATIONS—FOREST YEAR 1929-1930.

#### The Forestry Fund.

The position of the Forestry Fund at 30th September, 1930, and at the same date in previous years is shown in Table I.

Table I.—Forestry Fund Account.

Year ending 30th September.	Balance from pre- ceding Year.	Receipts.			Payments. (Table II, Heads A to L).	Balance in Forestry Fund, 30th Sept- ember.
		Parlia- mentary Votes.	From Forestry Opera- tions, etc. (Table II, Head Z).	Total.		
	(1)	(2)	(3)	(4)	(5)	(6)
First decade: Five years, 1920-24	£ —	£ 1,734,000	£ 192,600	£ 1,926,600	£ 1,428,420	£ 498,180
1925 ...	498,180	300,000	121,933	421,933	517,452	402,661
1926 ...	402,661	335,000	122,341	457,341	608,066	251,936
1927 ...	251,936	645,400	127,764	773,164	618,997	406,103
1928 ...	406,103	485,600	141,492	627,092	648,936	384,259
1929 ...	384,259	500,000	145,354	645,354	680,147	349,466
Total, 1925-29	—	2,266,000	658,884	2,924,884	3,073,598	—
Total, First decade	—	4,000,000	851,484	4,851,484	4,502,018	—
Second decade: 1930 ...	349,466	937,800	148,337	1,086,137	808,237	627,366
Grand Total	—	4,937,800	999,821	5,937,621	5,310,255	—

An analysis of payments and receipts by Parliamentary Heads of Accounts is given in Table II.

Table II.—Payments and Receipts by Parliamentary Heads of Account.

Year ending 30th September.	PAYMENTS.										RECEIPTS. Z.	NET PAYMENTS. (14)		
	A. Salaries, Wages, and Allowances. (1)	B. Head-quarters Charges. (2)	C. Assistant Commissioners' Charges. (3)	D. Divisional Officers' Charges. (4)	E. Forestry Operations. (5)	F. Advances for Afforestation Purposes. (6)	G. Education. (7)	H. Research and Experiment. (8)	J. Agency and Advisory Services. (9)	K. Special Services. (10)			L. Forest Workers' Holdings. (11)	Total. (12)
	£	£	£	£	£	£	£	£	£	£	£	£	£	
First decade: Five years, 1920-24...	224,275	10,271	14,898	32,659	857,722	127,430	37,702	12,682	91,776	13,960	5,036	1,428,420	192,000	1,235,820
1925 ...	49,191	2,315	2,770	7,643	369,281	31,166	7,460	2,601	—	2,850	42,175	517,452	121,933	395,519
1926 ...	51,769	2,097	2,864	8,685	451,124	12,012	8,192	3,981	—	3,403	63,939	608,066	122,341	485,725
1927 ...	53,836	2,934	3,108	8,455	450,854	14,024	7,525	4,424	—	483	73,354	618,997	127,764	491,233
1928 ...	56,190	2,256	3,500	8,107	488,639	10,776	7,594	5,872	—	1,276	64,726	648,936	141,492	507,444
1929 ...	58,896	2,803	3,446	8,885	501,217	12,407	7,531	7,367	—	1,370	76,225	680,147	145,354	534,793
Total, 1925-29	269,882	12,405	15,688	41,775	2,261,115	80,885	38,302	24,245	—	9,382	320,419	3,073,598	658,884	2,414,714
Total, First decade	494,157	22,676	30,586	74,434	3,118,837	207,824	76,004	36,927	91,776	23,342	325,455	4,502,018	851,484	3,650,534
Second decade: 1930 ...	68,202	2,571	7,658	9,418	598,119	14,102	9,355	6,001	—	493	96,418	808,237	148,337	659,900
Grand Total	557,359	25,247	38,244	83,852	3,716,956	221,926	85,359	43,828	91,776	23,835	421,873	5,310,255	999,821	4,310,434

Compared with the previous year total payments rose by £128,090, from £680,147 to £808,237, mainly accounted for by increases of £96,902 on forestry operations and £20,193 on forest workers' holdings. Receipts rose by £2,983 and net payments were therefore £125,107 greater.

Table II is based on Parliamentary Heads of Accounts and shows cash transactions only. The subsequent tables are prepared on a commercial basis and differ from Table II as follows:—(a) outstanding receipts and payments are brought into account; (b) salaries, office charges, etc. (Heads A to D) are allocated to the appropriate objects of expenditure; (c) adjustments are made in respect of produce used for forest purposes and of land and buildings transferred from the forests to forest workers' holdings; (d) expenditure and income in respect of forestry operations conducted by the Commissioners in Ireland during the period 1919 to 1923 are omitted; expenditure amounted to £90,514 and income to £26,041, leaving a net expenditure of £64,473.

Expenditure and income accounted for on the basis stated above are shown in Table IIa.



Table IIa.—Expenditure and Income.

Year ending 30th September.	EXPENDITURE (Including Allocation of Column 1).										INCOME.				NET EXPENDITURE.
	A to D, Superior Supervision and Overhead Charges.	E.	F.	G.	H.	J.	K.	L.	TOTAL.	Z1.	Z5.	Miscellaneous.	TOTAL.		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
First decade: 1920-24...	£ 245,930	£ 994,593	£ 146,698	£ 52,510	£ 34,482	£ 90,793	£ 36,142	£ 5,906	£ 1,361,034	£ 192,641	£ 8	£ 4,601	£ 197,250	£ 1,103,784	
1925 ... ..	60,206	405,972	34,387	9,915	6,404	1,954	8,178	56,522	523,332	134,244	1,257	850	136,351	386,981	
1926 ... ..	65,081	493,404	14,960	10,600	7,437	2,007	4,409	75,837	608,714	122,184	3,374	727	126,285	482,429	
1927 ... ..	67,776	503,913	16,822	9,470	8,837	1,538	3,151	82,524	625,760	135,386	6,074	379	141,839	483,951	
1928 ... ..	70,606	536,854	13,491	9,428	10,769	1,643	5,758	95,880	673,821	153,721	8,219	185	162,122	511,690	
1929 ... ..	72,570	577,836	15,336	9,392	12,221	1,328	3,661	73,214	692,088	143,982	8,586	194	152,712	540,276	
Total, 1925-29	336,248	2,518,044	94,996	49,803	45,168	8,470	25,157	383,977	3,124,615	689,467	27,507	2,335	719,309	2,405,306	
Total, First decade Second decade: 1930 ... ..	592,178	3,512,577	241,694	101,313	79,650	99,233	61,299	389,883	4,485,040	882,108	27,515	6,936	916,559	3,569,090	
	83,414	675,631	16,944	10,208	12,338	1,177	2,097	105,575	826,970	147,994	12,206	406	160,906	666,364	
Grand Total	665,692	4,188,208	258,638	111,521	91,988	100,410	63,396	498,458	5,312,619	1,030,102	39,721	7,342	1,077,105	4,235,454	
Percentage		78.8	4.9	2.1	1.7	1.9	1.2	9.4	100	95.6	3.7	0.7	100		

Note.—For accounting reasons the following changes have been made in Table IIa above and the figures for the first decade consequently differ from those given in previous Annual Reports:—(a) salaries of Instructors and Research Officers have been included in Column (1), Heads A to D, and the whole of the amount in this column has been allocated to Heads E to L; (b) income from forestry operations no longer includes amounts transferred from Insurance Reserve in respect of the value of plantations destroyed by fire.

**Subheads A to D—General Organisation. Expenditure, £83,414.**

Compared with 1929, expenditure increased by £10,844, mainly accounted for by normal expansion and the purchase of property for the Commission's Edinburgh Office. During the year an officer of Divisional rank was added to Headquarters' staff and the number of District Officers was increased from 36 to 40.

**Subhead E—Forestry Operations. Expenditure, £675,631 ; Income, £147,994.**

Details of expenditure and income are given in Table E. Compared with 1929, gross expenditure increased by £97,795 and income by £4,062. Expenditure on acquisition of land increased by £36,859, on cultural operations by £43,721, and on roads and buildings by £9,751. In May, 1930, the guaranteed minimum wage of adult male forest workers in regular or seasonal employment was raised to 35s. per week.

*Overhead Charges, £29,413 ; Superior Supervision, £29,957 and Local Supervision, £36,674.*—Overhead charges are in respect of salaries, allowances and other expenses in the offices of the Commissioners and Assistant Commissioners. Superior supervision represents similar expenditure in respect of the Deputy Surveyors, Divisional Officers and District Officers ; and local supervision, the salaries, housing allowances and miscellaneous expenses of foresters and foremen. During the year the number of foresters and foremen was increased by six from 235 to 241.

Table E.—Forestry Operations.

Year ending 30th September.	EXPENDITURE (Table II, Column 2).							INCOME (Table II, Column 10).					NET EXPENDITURE. (15)		
	Over-head Charges. (1)	Superior Supervision. (2)	Local Supervision. (3)	Acquisition of Land, etc. (4)	Cultural Operations. (5)	Preparation and Sale of Produce. (6)	Roads and Buildings. (7)	Stores and Miscellaneous. (8)	Total. (9)	Sales of Land, Buildings, etc. (10)	Rents. (11)	Forest Produce. (12)		Other. (13)	Total. (14)
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	
First decade : Five Years, 1920-24	84,224	76,249	41,049	220,573	431,378	19,459	26,604	94,997	994,533	12,579	42,902	96,753	40,407	192,041	801,892
1925 ...	18,702	23,943	18,433	101,471	164,125	15,684	18,485	45,129	405,972	23,626	39,307	54,862	10,389	184,244	271,728
1926 ...	20,841	24,522	24,254	118,607	200,889	16,576	17,954	69,851	493,464	16,395	42,086	44,005	19,698	122,154	371,280
1927 ...	22,970	24,041	27,430	99,867	230,543	23,543	20,813	54,711	503,918	3,417	45,483	72,111	14,375	135,386	368,532
1928 ...	22,595	24,519	29,407	97,210	247,231	22,649	14,817	78,426	536,854	15,551	49,116	72,562	16,502	153,721	383,133
1929 ...	23,665	27,848	33,587	149,781	236,695	20,942	10,815	68,563	577,836	7,216	55,137	66,311	15,268	143,932	433,904
Total, 1925-29	108,773	124,873	133,081	566,936	1,079,423	99,894	88,884	316,680	2,518,044	66,205	231,189	309,841	82,232	689,467	1,828,577
Total, First decade 1930 ...	192,997	201,122	174,130	787,509	1,510,801	118,853	115,488	411,677	3,512,577	78,794	274,091	406,594	122,639	882,108	2,630,469
	29,413	29,957	36,674	186,640	280,356	22,871	26,566	63,184	675,631	2,642	65,184	63,949	16,219	147,994	527,637
Grand Total	222,410	231,079	210,804	974,149	1,791,157	141,724	142,054	474,861	4,188,208	81,426	339,275	470,543	138,858	1,080,102	3,158,106
Percentage	5.3	5.5	5.0	23.3	42.8	3.4	3.4	11.3	100	7.9	32.9	45.7	13.5	100	

*Acquisition of Land, Buildings and Standing Timber.*—Expenditure amounted to £186,640 of which £164,760 was in respect of purchases of land, including the standing timber and buildings thereon, and £21,880 was in respect of land held on long lease or feu.

The average rent or feu duty for land acquired for forestry operations during the year by lease or feu was approximately 1s. 7d. per acre and the average price for such land purchased, approximately £2 13s. per acre. If the whole outlay in respect of land, buildings, timber, etc., were charged against plantable land the figures would be 2s. 8d. and £4 6s. respectively. Land and buildings for forest workers' holdings are excluded.

*Land acquired from 29th November, 1919, to 30th September, 1930.*

	By Lease and Feu.			By Purchase.			Total by Lease, Feu and Purchase.
	Plantable (including planted).	Other Land.	Total.	Plantable (including planted).	Other Land.	Total.	
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<i>England and Wales—</i>							
Finally completed ...	97,573	13,487	111,060	105,330	22,108	127,438	238,498
Entry secured ...	—	—	—	—	—	—	—
Total ...	97,573	13,487	111,060	105,330	22,108	127,438	238,498
<i>Scotland—</i>							
Finally completed ...	64,100	61,307	125,407	70,198	82,763	152,961	278,368
Entry secured ...	3,495	6,827	10,322	3,894	9,551	13,445	23,767
Total ...	67,595	68,134	135,729	74,092	92,314	166,406	302,135
Great Britain ...	165,168	81,621	246,789	179,422	114,422	293,844	540,633

*Note.*—In addition to the above-mentioned areas, 120,696 acres of Crown woodlands have been transferred to the Forestry Commissioners. Of this area, 62,554 acres carry timber or are under forestal treatment.

The total area acquired during the forest year 1929-30 amounted to 58,482 acres, of which 34,508 acres were classified as plantable. On the other hand disposals amounted to 252 acres (148 acres plantable).

The area in Great Britain in respect of which the legal formalities of acquisition by the Department had been completed by 30th September, 1930, was 516,866 acres, the corresponding figures in the two previous annual reports being 472,384 and 416,199 acres. In addition to these completed acquisitions, entry has been secured to a number of other properties. Details are given in the above table, which also shows the area of "plantable" and "other land", i.e., land which is either too poor to plant or is required for other purposes.

The net total area acquired in Great Britain to 30th September, 1930, is 540,633 acres of which 344,590 acres were classified at the time of acquisition as plantable. Of the plantable area 202,903 acres (59 per cent.) are situated in England and Wales and 141,687 acres (41 per cent.) in Scotland.

*Cultural Operations.*—Expenditure amounted to £280,356, details of which are given in Table E.5. Plantations absorbed £206,787 and nurseries £73,569.

Table E.5 — Cultural Operations (Table E, Column 5).

Year ending 30th September.	PLANTATIONS.							NURSERIES.				Grand Total.	
	Prepara- tion of Ground.	Drain- age.	Fencing.	Plant- ing.	Weed- ing and Clean- ing.	Beating- up.	Forest Pro- tection.	Total.	New Works.	Upkeep.			Total.
										Seed.	Labour and Other.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
£	£	£	£	£	£	£	£	£	£	£	£	£	
First decade :	56,251	15,415	53,085	81,531	27,147	12,464	15,113	261,006	10,718	23,081	136,573	170,372	431,378
Five years, 1920-24 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
1925 ...	16,920	10,515	20,311	22,615	22,620	9,526	9,152	111,659	2,955	3,173	46,338	52,466	164,125
1926 ...	18,052	9,125	26,684	28,621	28,262	13,071	13,527	137,342	4,309	6,170	53,068	63,547	200,889
1927 ...	19,522	12,496	36,354	35,928	34,528	9,310	17,744	165,882	3,598	7,367	53,696	64,661	230,543
1928 ...	20,864	15,033	35,403	38,442	37,935	13,867	16,934	178,478	2,535	4,253	61,965	68,753	247,231
1929 ...	20,341	18,563	32,686	36,076	33,007	11,134	23,354	175,161	1,189	4,062	56,223	61,474	236,635
Total, 1925-29 ...	95,699	65,732	151,458	161,682	156,352	56,908	80,711	768,522	14,586	25,025	271,290	310,901	1,079,423
Total, First decade ...	151,950	81,147	204,523	243,213	183,499	69,372	95,824	1,029,528	25,304	48,106	407,863	481,273	1,510,801
Second decade :	19,541	25,042	34,554	43,364	36,070	22,047	26,169	206,787	3,264	6,767	63,538	73,569	280,356
1930 ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total ...	171,491	106,189	239,077	286,577	219,569	91,419	121,993	1,236,315	28,568	54,873	471,401	554,842	1,791,157
Percentage ...	9.6	5.9	13.3	16	12.3	5.1	6.8	69	1.6	3.1	26.3	31	100

*Plantations.*—The total area planted or sown during the year was 24,721 acres, of which 22,648 acres were placed under conifers and 2,073 acres under broadleaved species. Included in the above is the area (1,174 acres) reafforested in the former Crown woodlands and the area (2,048 acres) replanted after damage by fire.

The total addition to the woodland area of Great Britain as a result of the Commission's operations, was 14,155 acres. In forming plantations and beating-up previous years' plantations 63,469,000 trees were used, of which 44 per cent. were Scots and Corsican pines, 26 per cent. Norway and Sitka spruces, 13 per cent. European and Japanese larches and 5 per cent. Douglas fir.

An area of 269 acres of existing woods was underplanted, necessitating the use of 266,000 plants.

## ENGLAND AND WALES.

## FORESTRY COMMISSION AREAS.

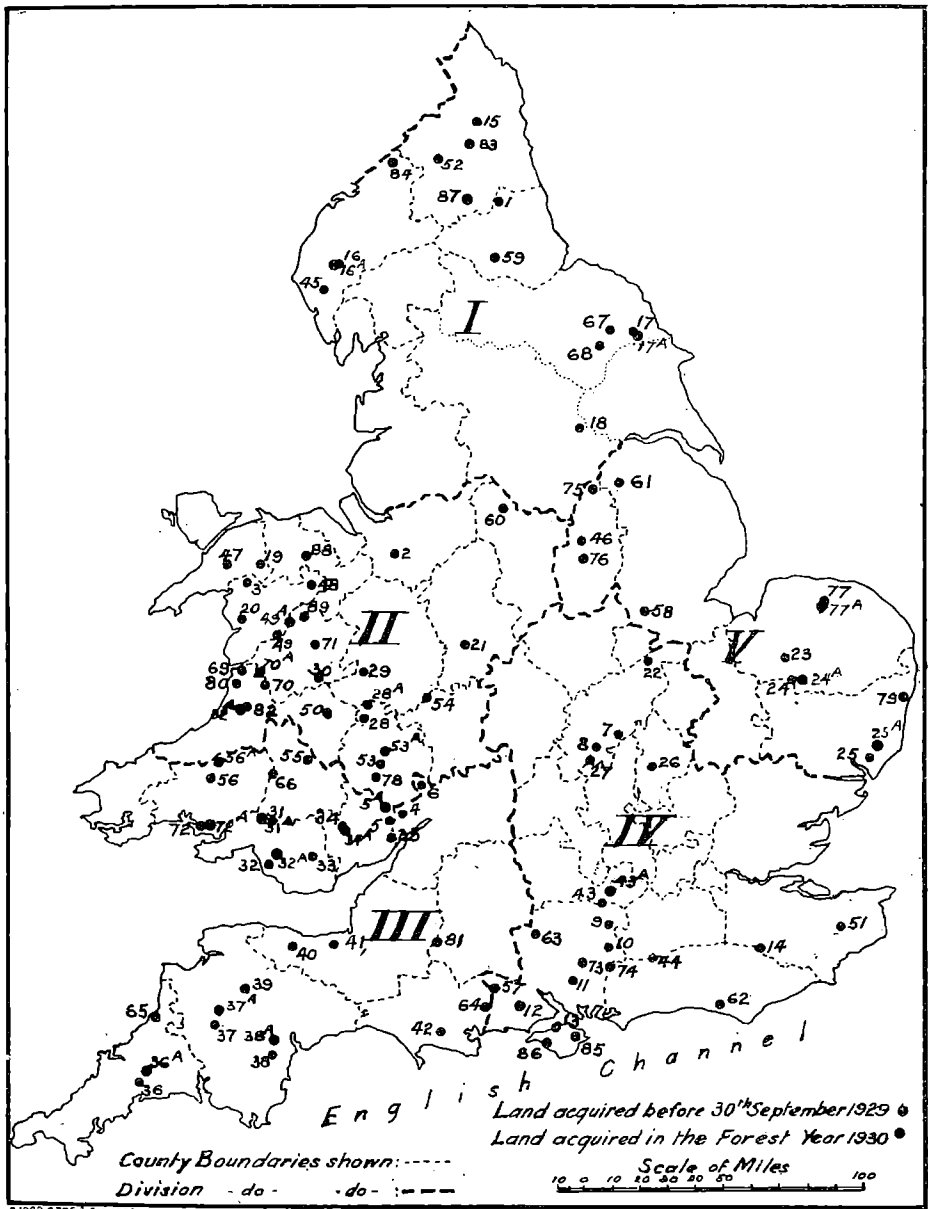
1. Chopwell.*	38. Haldon.
2. Delamere.*	38A. Do. (addition to).
3. Hafod Fawr.*	39. Eggesford.
4. Dean Forest.*	40. Exmoor.
5. Tintern.*	41. Quantocks.
5A. Do. (addition to).	42. Wareham.
6. Dymock.*	43. Bramshill.
7. Salcey.*	43A. Do. (addition to).
8. Hazelborough.*	44. Chiddingfold.
9. Alice Holt.*	45. Ennerdale.
10. Woolmer.*	46. Clipstone.
11. Bere.*	47. Beddgelert.
12. New Forest.*	48. Cynwyd.
13. Parkhurst.*	49. Dovey.†
14. Bedgbury.*	49A. Do. (addition to).
15. Rothbury.	50. Radnor.
16. Thornthwaite.	51. Lyminge.
16A. Do. (addition to).	52. North Tyne Valley.
17. Allerston.	53. Haugh.
17A. Do. (addition to).	53A. Do. (addition to).
18. Selby.	54. Wyre.
19. Gwydyr.	55. Brecon.
20. Vaughan.	56. Glangwili.
21. Cannock Chase.	56A. Do. (addition to).
22. Rockingham.	57. Ringwood.
23. Swaffham.	58. Bourne.
24. Thetford Chase.	59. Hamsterley.
24A. Do. (addition to).	60. Hope.
25. Rendlesham.	61. Laughton.
25A. Do. (addition to).	62. Friston.
26. Ampthill.	63. Micheldever.
27. Brackley.	64. Ferndown.
28. Mortimer.	65. Wilsey Down.
28A. Do. (addition to).	66. Glasfynydd.
29. Walcot.	67. Rosedale.
30. Kerry.	68. Ampleforth.
31. Rheola.	69. Cwmeinion.
31A. Do. (addition to).	70. Tarenig.
32. Margam.	70A. Do. (addition to).
32A. Do. (addition to).	71. Mathrafal.
33. Llantrisant.	72. Pembrey.
34. Llanover.	72A. Do. (addition to).
34A. Do. (addition to).	73. Westbury.
35. Chepstow.	74. Buriton.
36. Bodmin.	75. Bawtry.
36A. Do. (addition to).	76. Sherwood.
37. Halwill.	77. Swanton.
37A. Do. (addition to).	77A. Do. (addition to).

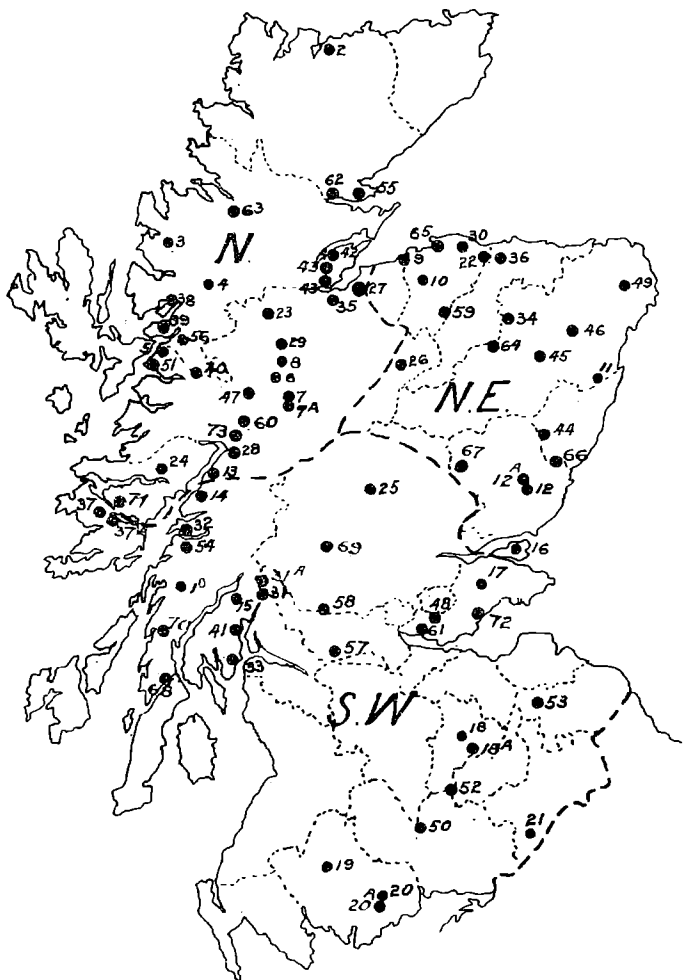
\* Former Crown Wood.

† Now includes the area previously known as "Corris Valley".

[Continued on page 17.]







Land acquired before 30<sup>th</sup> September 1929 ●  
 Land acquired in the Forest Year 1930 ●

County Boundaries shown: - - - - -  
 Division - do - do - . . . . .

Scale of Miles  
 0 10 20 30 40 50 60 70 80 90 100

78. Chase.	84. Kershope.
79. Dunwich.	85. Combley.
80. Brynmawr.	86. Brighstone.
81. Bruton.	87. Slaley.
82. Myherin.	88. Clocaenog.
82A. Do. (addition to).	89. Dyfnant.
83. Harwood.	

## SCOTLAND.

## FORESTRY COMMISSION AREAS.

1. Inverliever.*	36. Ordiequeish.
2. Borgie.	37. Salen.
3. Slattadale.	37A. Do. (addition to).
4. Achnashellach.	38. North Strome.
5. Ratagan.	39. South Strome.
6. Inchnacardoch.	40. Glenshiel.
7. South Laggan.	41. Glenfinart.
7A. Do. (addition to).	42. Findon.
8. Port Clair.	43. Kessock.
9. Culbin.	43A. Do. (addition to).
10. Monaughty.	44. Drumtochy.
11. Kirkhill.	45. Midmar.
12. Montreathmont.	46. Kemnay.
12A. Do. (addition to).	47. Glengarry.
13. Glen Righ.	48. Blairadam.
14. Glenduror.	49. Deer.
15. Glenbranter.	50. Closeburn.
16. Tentsmuir.	51. Eilanreach.
17. Edensmuir.	52. Greskine.
18. Glentress.	53. Edgarhope.
18A. Do. (addition to).	54. Fearnoch.
19. Bennan.	55. Dornoch.
20. Dalbeattie.	56. Inverinate.
20A. Do. (addition to).	57. Lennox Castle.
21. Newcastleton.	58. Loch Ard.
22. Teindland.	59. Scootmore.
23. Glenurquhart.	60. Clunes.
24. Glenhurich.	61. Devilla.
25. Drummond Hill.	62. Balblair.
26. Glenmore.	63. Lael.
27. Culloden.	64. Clashindarroch.
28. Nevis.	65. Roseisle.
29. Craig-nan-Eun.	66. Inglismaldie.
30. Altonside.	67. Blackcraig.
31. Ardgartan.	68. Achaglachgach.
31A. Do. (addition to).	69. Tulloch.
32. Barcaldine.	70. Knapdale.
33. Benmore.	71. Fiunary.
34. The Bin.	72. Carden.
35. Craig Phadrig.	73. Glenloy.

\* Former Crown Wood.

## Plantations. Year ended 30th

Forest.	Area planted (acres).					
	Afforested.		Re-afforested.		Total.	
	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.
Alice Holt, Hants* ...	—	—	43	13	43	13
Allerston, Yorks ...	507	—	—	—	507	—
Ampleforth, Yorks ...	224	—	—	—	224	—
Amptill, Bedford ...	—	—	—	11	—	11
Bawtry, Notts ...	100	21	—	—	100	21
Beddgelert, Carnarvon ...	42	—	24	—	66	—
Bedgebury, Kent and Sussex*	—	—	143	—	143	—
Bere, Hants* ...	—	—	—	35	—	35
Bodmin, Cornwall ...	—	—	55	—	55	—
Bourne, Lincoln ...	—	—	45	40	45	40
Brackley, Bucks and Northants.	—	—	5	37	5	37
Bramshill, Berks and Hants	—	—	97	—	97	—
Brecon, Brecknock ...	152	—	—	—	152	—
Brightstone, Isle of Wight	72	5	—	—	72	5
Bruton, Somerset and Wilts	76	—	—	—	76	—
Buriton, Hants ...	—	99	—	90	—	189
Cannock Chase, Stafford ...	300	—	—	—	300	—
Chase, Hereford ...	—	—	12	24	12	24
Chepstow, Glos. and Monmouth.	—	—	96	2	96	2
Chiddingfold, Surrey ...	—	—	17	89	17	89
Chopwell, Durham* ...	37	—	—	—	37	—
Clipstone, Notts ...	262	113	204	54	466	167
Clocaenog, Denbigh and Merioneth.	156	—	156	—	312	—
Combley, Isle of Wight ...	5	72	—	—	5	72
Cwmeion, Cardigan ...	50	—	—	—	50	—
Cynwyd, Merioneth ...	67	—	65	2	132	2
Dean Forest, Glos., Hereford, and Monmouth.*	—	—	130	188	130	188
Delamere, Cheshire* ...	—	—	36	4	36	4
Dovey, Merioneth and Montgomery.†	474	—	317	—	791	—
Dunwich, Suffolk ...	173	21	—	—	173	21
Dymock, Gloucester and Hereford. <sup>c</sup>	—	—	66	112	66	112
Eggesford, Devon ...	—	—	40	—	40	—
Ennerdale, Cumberland ...	153	—	—	—	153	—
Exmoor, Somerset... ..	15	—	86	—	101	—
Ferndown, Dorset ...	70	—	63	—	133	—
Friston, Sussex ...	22	54	—	—	22	54
Glangwili, Carmarthen ...	169	—	92	5	261	5
Glasfynydd, Brecknock ...	50	—	—	—	50	—
Gwydyr, Carnarvon ...	489	—	134	6	623	6
Hafod Fawr, Merioneth* ...	41	—	—	—	41	—
Haldon, Devon ...	138	—	80	—	218	—
Halwill, Devon ...	44	—	5	—	49	—
Hamsterley, Durham ...	319	11	—	—	319	11
Harwood, Northumberland	126	—	—	—	126	—
Haugh, Hereford ...	—	—	17	29	17	29

† Now includes forest previously known as Corris Valley, Merioneth.

September, 1930—England and Wales.

Species planted, including beating-up (thousands).									Forest.
Scots and Corsican Pines.	Eur. and Jap. Larches.	Douglas Fir.	Norway and Sitka Spruces.	Oak.	Ash.	Beech.	Others.	Total.	
53	33	9	18	101	—	19	1	234	Alice Holt.*
1,026	281	14	165	—	—	104	9	1,599	Allerston.
247	153	12	15	—	—	55	9	491	Ampleforth.
46	—	—	2	108	—	—	1	157	Amphill.
253	3	—	32	38	7	—	—	333	Bawtry.
2	3	—	138	—	—	1	45	189	Bedgelert.
79	2	100	93	—	3	—	8	285	Bedgebury.*
—	13	—	—	109	3	7	—	132	Bere.*
39	24	26	8	—	—	—	—	97	Bodmin.
—	97	19	4	—	64	—	—	184	Bourne.
—	6	12	279	136	—	—	—	433	Brackley.
1,013	1	2	143	—	—	—	—	1,159	Bramshill.
48	157	50	68	—	—	—	10	333	Brecon.
260	3	—	—	—	9	25	—	297	Brightstone.
—	30	30	29	—	—	—	—	89	Bruton.
—	198	—	—	—	37	206	—	441	Buriton.
1,132	437	—	77	—	—	43	28	1,717	Cannock Chase.
27	—	—	—	126	—	4	—	157	Chase.
59	136	90	20	—	1	7	—	313	Chepstow.
12	12	22	54	207	11	—	4	322	Chiddingfold.
2	1	2	58	—	—	—	8	71	Chopwell.*
1,202	248	—	2	151	12	—	296	1,911	Clipstone.
11	116	—	393	—	—	—	1	521	Cloacaeng.
—	8	—	—	—	—	—	13	21	Combley.
1	19	—	84	—	—	—	—	104	Cwmeinon.
13	81	26	158	—	—	5	11	294	Cynwyd.
84	152	26	131	238	38	152	137	1,003	Dean Forest.*
87	64	—	13	—	—	15	2	181	Delamere.*
58	330	354	591	—	—	17	20	1,370	Dovey.†
514	—	—	—	41	—	—	—	555	Dunwich.
—	155	—	8	229	15	8	3	418	Dymock.*
—	10	69	2	—	—	—	3	84	Eggesford.
31	45	51	202	—	3	5	—	337	Ennerdale.
93	48	32	60	—	—	11	6	250	Exmoor.
246	—	—	26	—	—	—	—	272	Ferndown.
85	107	—	—	—	—	111	11	314	Friston.
90	171	62	132	8	—	—	3	466	Glangwili.
—	5	—	256	—	—	—	1	262	Glasfynydd.
265	311	198	512	13	—	5	85	1,389	Gwydyr.
—	36	—	55	—	—	—	—	91	Hafod Fawr.*
431	—	120	4	—	5	—	—	560	Halgon.
20	10	14	221	—	—	3	—	268	Halwill.
319	189	13	82	—	—	67	43	713	Hamsterley.
14	2	—	196	—	—	—	16	228	Harwood.
—	46	—	2	62	5	—	—	115	Haugh.

## Plantations. Year ended 30th

Forest.	Area planted (acres).					
	Afforested.		Re-afforested.		Total.	
	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.
Hazelborough, Northants*	—	—	—	8	—	8
Hope, Derby ... ..	89	—	—	—	89	—
Kerry, Montgomery ...	12	—	—	—	12	—
Kershope, Cumberland ...	247	—	—	—	247	—
Loughton, Lincoln ...	269	11	—	—	269	11
Llanover, Monmouth ...	96	—	35	—	131	—
Llantrisant, Glamorgan ...	105	—	—	—	105	—
Lyminge, Kent ... ..	—	—	113	27	113	27
Margam, Glamorgan ...	—	—	—	—	—	—
Mathrafal, Montgomery ...	—	—	59	7	59	7
Micheldever, Hants ...	—	—	—	60	—	60
Mortimer, Hereford, Radnor and Salop.	176	—	295	24	471	24
Myherin, Cardigan ...	40	3	143	2	183	5
New Forest, Hants* ...	—	—	70	174	70	174
North Tyne Valley, Northumberland.	173	—	—	—	173	—
Parkhurst, Isle of Wight*	—	—	7	21	7	21
Pembrey, Carmarthen ...	171	—	—	—	171	—
Quantocks, Somerset ...	—	—	56	—	56	—
Radnor, Radnor ... ..	194	—	8	—	202	—
Rendlesham, Suffolk ...	125	—	—	—	125	—
Rheola, Glamorgan ...	216	—	63	—	279	—
Ringwood, Hants ... ..	—	—	115	—	115	—
Rockingham, Northants ...	120	204	50	111	170	315
Rosedale, Yorks ... ..	264	—	—	—	264	—
Rothbury, Northumberland	—	—	—	—	—	—
Salcey, Bucks and Northants.*	—	—	—	2	—	2
Selby, Yorks ... ..	—	—	—	—	—	—
Sherwood, Notts ... ..	250	30	—	—	250	30
Swaffham, Norfolk ... ..	391	18	15	1	406	19
Swanton, Norfolk ... ..	19	2	60	—	79	2
Tarenig, Cardigan and Montgomery.	115	—	4	—	119	—
Thetford Chase, Norfolk and Suffolk.	488	54	249	53	737	107
Thornthwaite, Cumberland	164	—	—	—	164	—
Tintern, Monmouth* ...	—	—	70	34	70	34
Vaughan, Merioneth ...	182	—	74	—	256	—
Walcot, Salop ... ..	—	—	34	3	34	3
Wareham, Dorset ... ..	—	—	112	—	112	—
Westbury, Hants ... ..	—	—	—	—	—	—
Wilsey Down, Cornwall ...	—	—	46	—	46	—
Wyre, Worcester ... ..	—	—	136	3	136	3
Total ... ..	8,239	718	3,842	1,271	12,081	1,989
By direct sowing (included above)	—	48	—	47	—	95

\* Former Crown Wood.

September, 1930—England and Wales—contd.

Species planted, including beating-up (thousands).									Forest.
Scots and Corsican Pines.	Eur. and Jap. Larches.	Douglas Fir.	Norway and Sitka Spruces.	Oak.	Ash.	Beech.	Others.	Total.	
—	—	—	—	37	—	—	—	37	Hazel-borough.*
—	138	—	39	—	—	8	61	246	Hope.
—	8	36	221	—	—	2	8	275	Kerry.
25	—	—	391	—	—	—	1	417	Kershope.
695	9	—	175	—	—	—	27	906	Laughton.
61	144	—	220	—	—	—	—	425	Llanover.
—	173	—	103	—	—	—	—	276	Llantrisant.
—	31	123	—	—	—	6	11	171	Lyminge.
172	74	—	305	—	—	—	—	551	Margam.
—	63	7	26	—	4	4	—	104	Mathrafal.
—	152	—	—	151	—	152	—	455	Micheldever.
374	576	30	30	88	25	32	3	1,158	Mortimer.
2	105	93	68	—	—	10	—	278	Myherin.
319	162	29	191	181	—	229	2	1,113	New Forest.*
113	1	—	263	—	—	—	12	389	North Tyne Valley.
3	1	3	9	—	7	1	14	38	Parkhurst.*
461	—	—	—	—	—	—	23	484	Pembrey.
5	46	58	32	—	—	—	—	141	Quantocks.
39	201	26	166	—	—	13	17	462	Radnor.
804	—	19	—	—	—	1	3	827	Rendlesham.
57	223	—	333	—	—	—	6	619	Rheola.
297	18	22	17	—	—	—	6	360	Ringwood.
92	1	33	380	579	50	—	21	1,156	Rockingham.
295	—	58	84	—	—	29	4	470	Rosedale.
84	6	14	17	—	—	—	—	121	Rothbury.
—	—	—	—	9	—	—	3	12	Salcey.*
123	—	—	—	—	—	—	—	123	Selby.
853	—	—	—	—	—	—	51	904	Sherwood.
1,377	—	94	—	50	—	—	—	1,521	Swaffham.
—	—	102	32	—	—	—	1	135	Swanton.
—	38	—	171	—	—	—	—	209	Tarenig.
7,167	11	166	102	107	—	19	211	7,783	Thetford Chase.
86	45	56	176	—	—	25	25	413	Thornthwaite.
43	120	56	30	87	16	2	1	355	Tintern.*
43	134	58	237	—	—	—	22	494	Vaughan.
2	88	—	—	—	3	—	—	93	Walcot.
598	23	40	10	—	—	—	12	683	Wareham.
—	—	—	—	—	—	—	—	—	Westbury.
—	6	—	71	—	—	—	14	91	Wilsey Down.
4	198	17	11	—	2	3	—	235	Wyre.
22,056	6,538	2,493	8,243	2,901	320	1,406	1,333	45,290	Total.

## Plantations. Year ended

Forest.	Area planted (acres).					
	Afforested.		Re-afforested.		Total.	
	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.
Achnashellach, Ross ...	—	—	—	—	—	—
Ardgartan, Argyll ...	306	—	—	—	306	—
Balblair, Sutherland ...	—	—	100	—	100	—
Barcaldine, Argyll ...	124	—	129	1	253	1
Benmore, Argyll ...	252	7	—	—	252	7
Bennan, Kirkcudbright ...	42	—	—	—	42	—
Bin (The), Aberdeen ...	—	—	231	—	231	—
Blairadam, Fife and Kinross	37	—	80	—	117	—
Borgie, Sutherland ...	—	—	—	—	—	—
Carden, Fife ...	—	—	26	—	26	—
Clashindarroch, Aberdeen ..	200	—	—	—	200	—
Closeburn, Dumfries ...	160	—	—	—	160	—
Clunes, Inverness ...	105	—	—	—	105	—
Craig-nan-Eun, Inverness ...	142	—	—	—	142	—
Craig Phadrig, Inverness ...	—	—	—	—	—	—
Culbin, Elgin ...	17	—	252	—	269	—
Culloden, Inverness ...	—	—	—	—	—	—
Dalbeattie, Kirkcudbright...	54	—	78	19	132	19
Deer, Aberdeen ...	94	—	96	—	190	—
Devilla, Fife ...	—	—	48	—	48	—
Dornoch, Sutherland ...	—	—	224	—	224	—
Drummond Hill, Perth ...	—	—	204	4	204	4
Drumtochty, Kincardine ...	272	—	13	2	285	2
Edensmuir, Fife ...	13	—	21	11	34	11
Edgarhope, Berwick ...	—	—	90	2	90	2
Eilanreach, Inverness ...	150	—	—	—	150	—
Fearnoch, Argyll ...	111	1	—	—	111	1
Findon, Ross ...	—	—	150	—	150	—
Glenbranter, Argyll ...	180	—	—	—	180	—
Glenduror, Argyll ...	156	—	—	—	156	—
Gleufinart, Argyll ...	130	—	84	—	214	—
Glengarry, Inverness ...	135	—	—	—	135	—
Glenhurich, Argyll ...	170	—	—	—	170	—
Glenmore, Inverness ...	—	—	266	—	266	—
Glen Righ, Inverness ...	79	1	—	—	79	1
Glenshiel, Ross ...	120	—	—	—	120	—
Glentress, Peebles ...	—	—	2	4	2	4
Glenurquhart, Inverness ...	198	—	—	—	198	—
Greskine, Dumfries ...	48	3	—	—	48	3
Inchnacardoch, Inverness ...	117	—	—	—	117	—
Inglismaldie, Kincardine ...	—	—	24	—	24	—
Inverinate, Ross ...	157	—	—	—	157	—
Inverliever, Argyll*	6	—	18	—	24	—
Kemnay, Aberdeen...	—	—	80	—	80	—
Kessock, Ross ...	—	—	222	1	222	1
Kirkhill, Aberdeen ...	—	—	7	—	7	—
Lael, Ross ...	131	—	109	—	240	—
Lennox Castle, Stirling ...	64	2	—	—	64	2
Loch Ard, Perth ...	170	—	—	—	170	—
Midmar, Aberdeen ...	—	—	126	—	126	—
Monaughty, Elgin ...	—	—	103	—	103	—

\* Former Crown Wood.



30th September, 1930—Scotland.

Species planted, including beating-up (thousands).									Forest.
Scots and Corsican Pines.	Eur. and Jap. Larches.	Douglas Fir.	Norway and Sitka Spruces.	Oak.	Ash.	Beech.	Others.	Total.	
39	2	—	58	—	—	—	50	149	Achnashellach.
75	—	—	460	—	—	—	30	565	Ardgartan.
125	14	—	32	—	—	1	30	202	Balblair.
16	19	11	386	—	—	2	5	439	Barcaldine.
59	81	30	197	—	—	2	61	430	Benmore.
34	12	—	60	—	—	—	—	106	Bennan.
214	121	16	458	—	—	5	—	814	Bin (The).
—	—	—	196	—	—	—	1	197	Blairadam.
23	—	—	74	—	—	—	13	110	Borgie.
46	—	—	13	—	—	—	—	59	Carden.
73	111	—	164	—	4	7	23	382	Clashindarroch.
8	39	—	268	—	—	—	—	315	Closeburn.
6	—	—	147	—	—	2	6	161	Clunes.
25	1	116	85	—	—	—	—	227	Craig-nan-Eun.
17	—	6	—	—	—	—	19	42	Craig Phadrig.
667	—	—	—	—	—	—	38	705	Culbin.
39	10	16	4	—	—	6	—	75	Culloden.
82	41	—	135	—	10	10	12	290	Dalbeattie.
56	30	—	325	—	1	16	27	455	Deer.
84	16	—	5	—	—	1	—	106	Devilla.
292	22	3	67	—	—	6	53	443	Dornoch.
177	140	—	5	—	—	5	—	327	Drummond Hill.
28	205	4	119	4	—	11	84	455	Drumtochty.
128	1	—	19	—	—	—	9	157	Edensmuir.
106	8	—	50	1	—	3	3	171	Edgarhope.
21	53	28	164	—	—	—	—	266	Eilanreach.
6	7	—	200	—	—	2	11	226	Fearnoch.
276	6	4	23	—	—	8	34	351	Findon.
41	29	—	325	—	—	14	36	445	Glenbranter.
—	—	6	260	—	—	—	26	292	Glenduror.
78	65	6	239	—	—	6	16	410	Glenfinart.
12	15	48	84	—	—	—	13	172	Glengarry.
—	—	5	328	—	—	3	4	340	Glenhurich.
157	—	—	240	—	—	2	36	435	Glenmore.
—	4	—	114	—	—	2	9	129	Glen Righ.
80	—	—	124	—	—	—	36	240	Glenshiel.
33	29	—	20	—	—	—	2	84	Glentress.
39	8	87	146	—	—	12	55	347	Glenurquhart.
—	7	—	72	—	—	—	6	85	Greskine.
135	1	2	183	—	—	—	28	349	Inchnacardoch.
49	—	—	—	—	—	—	—	49	Inglismaldie.
62	61	15	137	—	—	—	23	298	Inverinate.
—	2	—	52	—	—	—	7	61	Inverliever. <sup>o</sup>
88	33	1	65	—	—	18	—	205	Kemnay.
329	15	52	31	—	1	—	1	429	Kessock.
68	12	2	21	—	—	3	8	114	Kirkhill.
60	124	12	113	—	—	—	80	389	Lael.
35	—	—	72	—	—	—	8	115	Lennox Castle.
110	24	18	107	—	—	—	33	292	Loch Ard.
84	24	3	144	—	1	10	15	281	Midmar.
584	5	17	117	—	—	2	10	735	Monaghty.

*Plantations. Year ended*

Forest.	Area planted (acres).					
	Afforested.		Re-afforested.		Total.	
	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.	Coni- fers.	Broad- leaved.
Montreathmont, Angus ...	—	—	76	—	76	—
Nevis, Inverness ...	123	1	—	—	123	1
Newcastleton, Roxburgh ...	144	—	8	19	152	19
North Strome, Ross ...	152	—	—	—	152	—
Ordiequeish, Elgin ...	—	—	52	—	52	—
Port Clair, Inverness ...	—	4	143	—	143	4
Ratagan, Inverness and Ross	240	—	—	—	240	—
Roseisle, Elgin and Moray ...	148	—	42	—	190	—
Salen, Argyll ...	88	—	—	—	88	—
Scotmore, Moray ...	—	—	138	—	138	—
Slattadale, Ross ...	61	—	—	—	61	—
South Laggan, Inverness ...	—	—	—	—	—	—
South Strome, Ross ...	127	—	—	—	127	—
Teindland, Elgin ...	—	—	100	—	100	—
Tentsmuir, Fife ...	156	—	—	—	156	—
<b>Total ...</b>	<b>5,179</b>	<b>19</b>	<b>3,342</b>	<b>63</b>	<b>8,521</b>	<b>82</b>
By direct sowing (included above).	5	4	3	—	8	4

*Plantations. Year ended*

England and Wales ...	8,239	718	3,842	1,271	12,081	1,989
Scotland ...	5,179	19	3,342	63	8,521	82
<b>Total ...</b>	<b>13,418</b>	<b>737</b>	<b>7,184</b>	<b>1,334</b>	<b>20,602</b>	<b>2,071</b>

## 30th September, 1930—Scotland—contd.

Species planted, including beating-up (thousands).									Forest.
Scots and Corsican Pines.	Eur. and Jap. Larches.	Douglas Fir.	Norway and Sitka Spruces.	Oak.	Ash.	Beech.	Others.	Total.	
214	—	—	28	—	—	5	26	273	Montreathmont.
—	15	—	175	—	—	2	9	201	Nevis.
—	11	—	279	—	6	2	5	303	Newcastleton.
31	7	20	173	—	—	—	18	249	North Strome.
94	—	—	3	—	—	—	44	141	Ordiequeish.
57	11	42	122	—	—	—	8	240	Port Clair.
18	125	1	325	—	—	—	9	478	Ratagan.
341	—	—	—	—	—	5	20	366	Roseisle.
25	7	1	123	—	—	—	2	158	Salen.
145	34	5	35	—	—	2	10	231	Scotmore.
—	2	49	83	—	—	—	19	153	Slattadale.
1	4	—	10	—	—	—	9	24	South Laggan.
33	31	45	71	—	—	—	11	191	South Strome.
160	9	—	7	—	—	1	77	254	Teindland.
301	—	—	9	—	—	—	86	396	Tentsmuir.
6,186	1,653	671	8,151	5	23	176	1,314	18,179	Total.

## 30th September, 1930—Summary.

22,056	6,538	2,493	8,243	2,901	320	1,406	1,333	45,290	England & Wales.
6,186	1,653	671	8,151	5	23	176	1,314	18,179	Scotland.
28,242	8,191	3,164	16,394	2,906	343	1,582	2,647	63,469	Total.

*Cost of Planting.*—The outlay per acre on labour and material on the areas planted between 1919 and 1930 was as follows :—

					£	s.	d.
England and Wales	...	...	...	...	8	19	0
Scotland	...	...	...	...	9	13	5
Great Britain	...	...	...	...	9	3	10

These figures cover the cost of preparation of ground, drainage, fencing, plants, planting, replacement of failures and weeding but do not include expenditure on forest protection, overhead charges and supervision.

*Forest Fires.*—Fires were fewer in number and caused much less damage than in 1929, when exceptionally dry weather was experienced. Revised methods of fire protection have also contributed to the improvement. Comparative figures for the two years are as follows :—

			1929.	1930.
Number of fires	...	...	409	165
Area burnt (acres)	...	...	4,574	258
Damage caused	...	...	£45,961	£2,080

As the result of claims made by the Commissioners the sum of £693 may be recovered in respect of the damage caused in 1930.

The fires were principally caused by sparks from railway engines (53 per cent. of the total number), carelessness on the part of the general public (15 per cent.) and sparks from road engines (8 per cent.).

*Nurseries.*—The total area under nurseries at 30th September, 1930, was 863 acres stocked with 254 million seedlings and 100 million transplants. Comparative figures for the three years 1928-30 are given in the following table :—

*Nurseries.*

Year ending 30th Sept.	Country.	Seed Sown (lbs.).			Stock of Plants at 30th September (thousands).						Area (Acres)
					Transplants.			Seedlings.			
		Coniferous.	Broad-leaved.	Total.	Coniferous.	Broad-leaved.	Total.	Coniferous.	Broad-leaved.	Total.	
1930...	England and Wales.	7,556	130,169	137,725	55,827	6,338	62,165	142,832	14,396	157,228	592
	Scotland ...	3,814	944	4,758	36,797	595	37,392	96,262	534	96,796	271
	Total ...	11,370	131,113	142,483	92,624	6,933	99,557	239,094	14,930	254,024	863
1929...	England and Wales.	3,778	90,366	94,144	70,411	4,294	74,705	32,286	11,010	93,296	570
	Scotland ...	2,092	432	2,524	34,378	764	35,142	64,955	764	65,719	280
	Total ...	5,870	90,798	96,668	104,789	5,058	109,847	147,241	11,774	159,015	850
1928...	England and Wales.	5,321	48,238	54,059	77,285	5,217	82,502	109,648	4,640	114,288	565
	Scotland ...	2,072	107	2,179	34,755	1,048	35,803	62,000	318	62,318	274
	Total ...	7,393	48,345	56,238	112,040	6,265	118,305	171,648	4,958	176,606	839

*Seed Supply.*—The autumn crop of Douglas fir seed was again practically a failure in Canada, but plentiful supplies were obtained from the United States of America. The Sitka spruce crop was very good both in Canada and the United States. The yield from European larch, Norway spruce and Corsican pine was satisfactory, but Japanese larch again failed completely.

As regards home-collected seed, in England and Wales beech, chestnut, hornbeam, sycamore and Scots pine were plentiful and the necessary supplies of acorns were obtained, but ash yielded a poor crop. In Scotland, Scots pine cones were obtained with some difficulty but the quality of the seed was good; European larch and Douglas fir did not yield sufficient seed to meet requirements.

The quantity of seed sold during the year amounted to 2,746 lb.

The Commissioners have to express their gratitude for gifts of seed from the forest authorities of Canada, France, Hungary, Italy, Japan, Portugal and Turkey.

### **Subhead F—Advances for Afforestation Purposes.**

#### **Expenditure £16,944.**

Grants to private individuals and local authorities for planting and scrub clearing amounted to £12,111, advances in respect of a proceeds-sharing scheme to £1,529 and overhead and supervisory charges to £3,304. The basis on which grants were made was as follows:—

(1) *Conifers.*—Up to £2 per acre planted and thereafter maintained as a forest crop.

(2) *Hardwoods.*—Up to £4 per acre planted with approved species and thereafter maintained as an area for the production of hardwoods.

(3) *Clearance of Scrub, &c.*—Up to £1 per acre (in exceptional cases up to £2 per acre) cleared. Limited to selected schemes involving not less than 20 acres.

The number of schemes in respect of which grants were paid during the year and the areas dealt with are stated below:—

—	England & Wales.	Scotland.	Total.
No. of Schemes ...	267	96	363
	Acres.	Acres.	Acres.
Planting conifers ...	3,041	2,376	5,417
Planting hardwoods ...	991	105	1,096
Scrub clearing ...	195	—	195

The area planted under the proceeds-sharing scheme was 189 acres.

**Subhead G—Education. Expenditure: Gross £10,208;  
Net £9,945.**

Details of expenditure are given in Table G.

*Table G.—Education.*

Year ending 30th September.	EXPENDITURE (Table IIA, Column 4).							INCOME.	NET EXPEN- DITURE.
	Superior Super- vision and Over- head Charges.	Apprentices' Schools.				Grants to Insti- tutions.	Total.		
		Salaries and Expenses of In- structors.	Purchase and Rent of Land and Build- ings.	Allow- ances to Appren- tices.	Stores, Fuel, Light, etc.				
£	£	£	£	£	£	£	£	£	
First decade :									
Five years, 1920-24	7,238	10,690	5,371	11,144	8,910	9,157	52,510	1,889	50,621
1925 ... ..	1,240	1,150	166	1,685	931	4,743	9,915	435	9,480
1926 ... ..	1,361	1,138	235	2,347	1,230	4,239	10,600	17	10,583
1927 ... ..	1,231	769	185	2,028	1,122	4,135	9,470	68	9,402
1928 ... ..	1,005	803	109	2,303	971	4,235	9,426	9	9,417
1929 ... ..	1,050	851	129	2,202	978	4,182	9,392	9	9,383
Total, 1925-29	5,887	4,711	824	10,565	5,232	21,534	48,803	538	48,265
Total, First decade	13,125	15,401	6,195	21,700	14,192	30,691	101,313	2,427	98,886
Second decade :									
1930 ... ..	900	820	838	2,203	1,215	4,232	10,208	263	9,945
Grand Total ...	14,025	16,221	7,033	23,912	15,407	34,923	111,521	2,690	108,831
Percentage ...	12·6	14·6	6·3	21·4	13·8	31·3	100		

*Apprentices' Schools: Expenditure, £5,076.*—Increased expenditure on land and buildings was due to additions to the school at Parkend. During the year, 58 forest apprentices underwent courses of instruction in the Commission's schools at Parkend (Forest of Dean) and at Benmore (Argyllshire). At the final qualifying examination 25 men who had successfully completed the two years' course were granted certificates of proficiency.

*Grants to Universities and Colleges: Expenditure, £2,232.*—The following Universities and Colleges received grants during the year:—Oxford University, Cambridge University, University College of North Wales, Bangor; Armstrong College, Newcastle-on-Tyne; Aberdeen University; Edinburgh and East of Scotland College of Agriculture.

These centres provide courses of training for forest officers and also forestry instruction for those engaged in estate management and agriculture. The number of students studying forestry during the year was 179, 41 forestry degrees were granted and 9 candidates obtained diplomas.

*Imperial Forestry Institute: Expenditure, £2,000.*—The grant of £2,000 per annum to the Imperial Forestry Institute from the Forestry Fund was continued. Thirty-five students attended for the whole or part of the academic year 1929-30 and these included 12 post graduate probationers (Great Britain 1, Colonial Services 11) and 23 forest officers on leave (India 4, Dominion Services 4, Sudan 1, Colonial Services 13, private student (U.S.A.) 1).

**Subhead H—Research and Experiment.**  
**Expenditure: Gross £12,338; Net £12,233.**

Details of expenditure are given in Table H.

*Table H.—Research and Experiment.*

Year ending 30th September.	EXPENDITURE (Table II, Column 5).					INCOME.	NET EXPENDI- TURE.
	Superior Super- vision and Overhead Charges.	Salaries and Expenses.	Labour, Stores, etc.	Grants to Institu- tions.	Total.		
	£	£	£	£	£	£	£
First decade :							
Five years, 1920-24	6,450	20,486	4,453	3,093	34,482	586	33,896
1925 ... ..	1,662	3,030	1,112	600	6,404	43	6,361
1926 ... ..	1,492	3,336	1,946	663	7,437	110	7,327
1927 ... ..	1,376	3,492	2,712	757	8,337	93	8,244
1928 ... ..	1,584	3,682	4,758	745	10,769	93	10,676
1929 ... ..	1,135	4,432	5,249	1,405	12,221	133	12,088
Total, 1925-29 ...	7,249	17,972	15,777	4,170	45,168	472	44,696
Total, First decade ...	13,699	38,458	20,230	7,263	79,650	1,058	78,592
Second decade :							
1930 ... ..	1,316	5,079	4,529	1,414	12,338	105	12,233
Grand Total ... ..	15,015	43,537	24,759	8,677	91,988	1,163	90,825
Percentage	16·3	47·4	26·9	9·4	100		

*Production.*—Four new sample plots were established during the year, 3 in England and Wales and 1 in Scotland. Re-measured plots numbered 4 in England and Wales and 21 in Scotland. At 30th September, there were 178 plots, 105 being in England and Wales and 73 in Scotland.

*Nursery and Plantation.*—Investigations in nurseries dealt in the main with the raising of seedlings for use on cultivated sites, the technique of raising birch and alder in the nursery, and the improvement of germination in European larch and Sitka spruce by using special methods of covering the seed to prevent caking. Satisfactory progress was made under all three heads.

Plantation experiments on peat soils were continued at Inchnacardoch, Achnashellach, Glenmore, Borgie and Glen Righ Forests in Scotland, at Beddgelert Forest in Wales, and at North Tyne Forest in England. Further work on the poor calluna heaths was done at Hamsterley and Allerston Forests in England, and at Teindland Forest in Scotland. At Allerston the trial of a powerful tractor-driven plough proved successful as a means of breaking through the pan layer, and the work is now proceeding at an economic cost. The grassy heaths of East Anglia present certain difficulties, chiefly of a climatic nature. An experiment has been carried out involving a combination of different methods of soil preparation with size of plant, using quick-growing but frost-tender species. Nurse species such as birch and grey alder have also been planted.

Plots of different nurse species have been established on shallow soils over chalk at Buriton Forest in Hampshire, experience having shown that beech and larch planted direct on such soils often suffer severely from frost and drought. Work on oak and ash was continued on previous lines in the Forest of Dean and at Dymock, Alice Holt and Rockingham Forests. Further comparative plots of plants raised from different seed lots of Scots pine, lodgepole pine and oak have been established.

*Entomology and Mycology.*—Further work was done on the pine shoot moths in the Eastern Counties, and an investigation was begun on the caterpillars causing the defoliation of oak.

A further survey in connection with the Dutch elm disease was carried out; this disease, though undoubtedly serious, is not at present spreading very rapidly. The fungus responsible for causing heart rot in the upper part of oak stems has been identified as *Stereum spadiceum* and some preliminary work put in hand in connection with it. The watermark disease of the cricket bat willow was investigated by means of a survey carried out during the summer in Essex and adjoining counties. The survey showed that there were several centres where the attack was severe and causing considerable loss to the growers concerned. There were no clear indications of the existence of any definite relation between cultural methods or soil conditions on the one hand, and the incidence of the disease on the other.

The refrigerating apparatus, installed at Oxford for the purpose of studying forms of frost damage on young trees is functioning satisfactorily, and many interesting observations have been made.

*Botany.*—Research work at Aberdeen has continued on previous lines; the development of mycorrhiza in peat is only possible under certain conditions which are being investigated.

Facilities in Wareham Forest were given to Dr. M. C. Rayner for work on the mycorrhiza of pines.

*Advisory Committee on Forest Research.*—At the first meeting of this Committee which was held in January, 1930, the whole field of the Commission's research operations was reviewed and the future programme of work was approved.

*Utilisation.*—The Commissioners have continued to collaborate with the Forest Products Research Board both directly in connection with investigations on the commercial utilisation of timber and by the supply of timber for seasoning and other tests.



**Subhead J—Agency and Advisory Services. Expenditure:**  
Gross, £1,177; Net, £1,139.

No direct expenditure was incurred under this head. The sum of £1,177 is an apportionment of overhead and supervisory charges in respect of the time of various officers of the Commission who have been engaged in answering inquiries and advising owners of woodlands as to the treatment of their woods.

**Subhead K—Special Services. Expenditure, £2,097.**

Details of expenditure are given in Table K.

*Table K.—Special Services.*

Year ending 30th September.	EXPENDITURE (Table IIA, Column 7).						IN- COME.	NET EXPEN- DITURE.
	Superior Supervision and Overhead Charges.	Consulta- tive Com- mittees' Expenses.	Publi- cations.	Special Inquir- ies.	Relief of Un- employ- ment.	Total.		
First decade: Five years, 1920-24	£ 10,760	£ 349	£ 1,634	£ 3,571	£ 19,828	£ 36,142	£ 278	£ 35,864
1925 ... ..	3,226	50	78	4,824	—	8,178	36	8,142
1926 ... ..	3,052	32	74	1,251	—	4,409	—	4,409
1927 ... ..	2,740	13	43	355	—	3,151	—	3,151
1928 ... ..	4,503	33	45	1,177	—	5,758	19	5,739
1929 ... ..	2,304	46	121	1,190	—	3,661	14	3,647
Total, 1925-29	15,825	174	361	8,797	—	25,157	69	25,088
Total, First decade	26,585	523	1,995	12,368	19,828	61,299	347	60,952
Second decade: 1930 ... ..	1,822	60	68	147	—	2,097	—	2,097
Grand Total ...	28,407	583	2,063	12,515	19,828	63,396	347	63,049
Percentage ...	44·8	0·9	3·3	19·7	31·3	100		

*Publications.*—During the year under review the Commissioners issued *British Yield Tables* and their *Tenth Annual Report* for the year ending 30th September, 1929. In addition Bulletin No. 9 (*Beetles Injurious to Timber*) was revised and reprinted.

*Exhibits at Agricultural Shows.*—Forestry exhibits were sent by the Commissioners to the Shows of the Royal Agricultural Society at Manchester, the Bath and West Society at Torquay, the Royal Wesh Agricultural Society at Caernarvon and the Highland and Agricultural Society at Dumfries.

*Imperial Conference, 1930.*—In connection with the Imperial Conference held in London during October and November, 1930, a special Committee was appointed to report on Empire Forestry matters. Under the Chairmanship of Sir Padamji P. Ginwala

(India) forest policy in the Empire was reviewed, and particular stress was laid on the desirability of improving the existing facilities for scientific instruction and research. The Committee embodied their recommendations in a resolution\* which was subsequently adopted by the Imperial Conference.

*Colonial Office Conference, 1930.*—A Colonial Office Conference took place in London during June and July, 1930, and members of the Forestry Commission took part in the discussion. A Committee on Forest Services and Research was set up which issued a Report† summarising its conclusions.

*Consultative Committees.*—The English Consultative Committee held four meetings during the year, the Scottish Committee met once and the Welsh Committee twice.

A formal reference was submitted by the Commissioners to the Committees for their views on the question as to what steps, other than the provision of planting grants, could profitably be taken by the Commissioners for the improvement of private forestry.

The facts relating to the Department's afforestation programme in Carmarthenshire were submitted to the Welsh Committee for their advice, and the following subjects were discussed by some of the Committees:—

- (a) Disposal of thinnings.
- (b) Dutch elm disease.
- (c) Planting of hardwoods.
- (d) Income tax on woodlands.
- (e) Afforestation grants.

The Commissioners regret to report the deaths during the year of Sir Kenneth Mackenzie Bart., a member of the Scottish Committee, and Mr. C. D. Thompson, a member of the Welsh Committee.

During the year Mr. D. C. Roberts and Mr. C. G. Trevor were appointed members of the Welsh Committee, and Sir Douglas Newton resigned from the English Committee.

### **Subhead L—Forest Workers' Holdings. Expenditure, £108,575; Income, £12,206.**

Details of expenditure and income are given in Table L. The main item of expenditure, £43,126, is in respect of new buildings. On the income side, rents have increased by £3,605 to £12,119.

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\* *Imperial Conference 1930. Summary of Proceedings* (Cmd. 3717); *Appendices* (Cmd. 3718).—H.M. Stationery Office.

† *Report of the Colonial Office Conference, 1930.* (Cmd. 3628).—H.M. Stationery Office.

Table L.—Forest Workers' Holdings.

Year ending 30th September.	EXPENDITURE (Table IA, Column 8).						INCOME (Table IA, Column 11).				NET EXPENDITURE. (12)	
	Superior Super-vision and Overhead Charges. (1)	Purchase and Rent of Land and Buildings. (2)	Buildings.			Fencing, Drainage, etc. (6)	Miscellaneous. (7)	Total. (8)	Rents. (9)	Other. (10)		Total. (11)
			New. (3)	Adaptations. (4)	Repairs. (5)							
	£	£	£	£	£	£	£	£	£	£	£	
First decade : Five years, 1920-24	831	5,000	—	75	—	—	—	5,906	—	8	8	5,898
1925	3,668	27,356	16,069	7,415	23	620	1,371	56,522	876	381	1,257	55,265
1926	5,372	23,353	37,519	7,130	441	2,136	—114	75,837	3,266	108	3,374	72,403
1927	8,221	9,058	54,632	4,959	744	3,942	968	82,524	5,889	185	6,074	76,450
1928	8,779	31,394	41,188	7,450	1,167	4,571	1,301	95,880	7,716	500	8,216	87,664
1929	9,023	7,779	42,776	5,243	1,507	6,282	594	73,214	8,514	72	8,586	64,628
Total, 1925-29	35,063	98,940	192,184	32,227	3,862	17,501	4,120	383,977	28,261	1,246	27,507	356,470
Total, First decade	35,894	103,940	192,184	32,302	3,862	17,501	4,120	369,883	26,261	1,254	27,515	362,308
Second decade : 1930	11,190	34,410	43,126	10,932	2,536	5,902	473	108,575	12,119	87	12,206	96,369
Grand Total	47,080	138,350	235,310	43,234	6,418	23,403	4,593	498,458	38,380	1,341	38,721	458,737
Percentage	9.4	27.8	47.2	8.7	1.3	4.7	0.9	100				

With the completion of 159 holdings during the year the total number at 30th September amounted to 777. The estimated average cost of establishing holdings is £535; of which the value of land accounts for £76, and cost of buildings, drainage, water supply, etc., £459.

The further information contained in the following statement may be of interest as showing the way in which the holdings have been utilised, the estimated value of live stock, etc. The data are the result of a rough census taken at a somewhat later period than the end of the forest year, 1930, and relate to 887 holdings.

Number of forest workers resident on the holdings ... ..	953
Total number of residents on the holdings	3,513
Average annual rent of house, outbuildings and land ... ..	£14 7s.
Average area	10 acres
Head of live stock :—	
Horses ... ..	331
Cows ... ..	477
Other cattle (including calves)	489
Sheep ... ..	1,800
Pigs ... ..	1,316
Poultry ... ..	42,516
Miscellaneous (including goats)	498
Estimated value of the live stock	£31,333

### Subhead Z—Income £160,606.

Details of income are given in Table Z.

Table Z.—Income.

Year ending 30th September.	Forestry Operations.					Forest Workers' Holdings (Rents, etc.).	Miscel- laneous.	Grand Total.
	Sales of Land Buildings, etc.	Rent and Royalties.	Forest Produce.	Other.	Total.			
	£	£	£	£	£	£	£	£
First decade : Five years, 1920-24	12,579	42,902	96,753	40,407	192,641	8	4,601	197,250
1925 ... ..	23,626	39,367	54,862	16,389	134,244	1,257	850	136,351
1926 ... ..	16,395	42,086	44,005	19,698	122,184	3,374	727	126,285
1927 ... ..	3,417	45,483	72,111	14,375	135,386	6,074	379	141,839
1928 ... ..	15,551	49,116	72,552	16,502	153,721	8,216	185	162,122
1929 ... ..	7,216	55,137	66,311	15,268	143,932	8,586	194	152,712
Total, 1925-29	66,205	231,189	309,841	82,232	689,467	27,507	2,335	719,309
Total, First decade	78,784	274,091	406,594	122,639	882,108	27,515	6,936	916,559
Second decade : 1930 ... ..	2,642	65,184	63,949	16,219	147,994	12,206	406	160,606
Grand Total	81,426	339,275	470,543	138,858	1,030,102	39,721	7,342	1,077,165
Percentage	7.6	31.4	43.7	12.9	95.6	3.7	0.7	100

Total income shows an increase of £7,894 compared with 1929. As regards income from forestry operations, sales of land decreased by £4,574 and sales of forest produce by £2,362 but rents and royalties increased by £10,047 and other income by £951, resulting in a net increase under the head of forestry operations of £4,062. Rents and royalties include £19,005 from the Forest of Dean Mines. Other income comprises sales of live stock £6,527, sand and gravel £3,197, rabbits, stores, etc., £6,495.

### Employment in the Commission's Forests.

The number of persons (excluding Divisional and District Officers and office staffs) employed in the Commission's forests is stated in the table below :—

Summer (Minimum).				Winter (Maximum).			
1920	...	...	210	1920-21	...	...	935
1921	...	...	495	1921-22	...	...	1,780
1922	...	...	525	1922-23	...	...	1,775
1923	...	...	880	1923-24	...	...	2,220
1924	...	...	1,620	1924-25	...	...	2,650
1925	...	...	1,980	1925-26	...	...	2,960
1926	...	...	2,335	1926-27	...	...	3,185
1927	...	...	2,735	1927-28	...	...	3,495
1928	...	...	2,740	1928-29	...	...	3,565
1929	...	...	2,640	1929-30	...	...	3,835
1930	...	...	3,130	1930-31	...	...	3,850

(Signed) J. STIRLING-MAXWELL (*Chairman*).  
 R. L. ROBINSON (*Vice-Chairman*).  
 F. D. ACLAND.  
 J. H. ALPASS.  
 G. L. COURTHOPE.  
 D. R. GRENFELL.  
 HUGH MURRAY.  
 W. R. SMITH.  
 W. STEUART-FOTHRINGHAM.

A. G. HERBERT,  
*Secretary*,  
 9, Savile Row,  
 London, W.

**APPENDIX.****Imports of Timber, Wood Manufactures and Pulp of Wood.**

Imports of timber in 1930 amounted to 10,143,000 loads valued at £42,797,000 which denotes a decrease of 101,000 loads (1 per cent.) in volume and £3,042,000 in value (6·6 per cent.) as compared with 1929. The slight reduction was mainly in respect of hardwoods; hewn softwoods, pitprops and sleepers were imported in greater quantity than in the previous year. Imports of wood manufactures showed a decline in value from £9,683,000 to £8,742,000 (9·7 per cent.). In pulp of wood there was a falling off from 1,638,000 to 1,532,000 tons (6·5 per cent.), the reduction in value being £792,000 (7·3 per cent.).

*Imports of Timber, Wood Manufactures and Pulp of Wood.*

Description.	Quantities (thousands).				Value (thousands).			
	Average 1909-13.	1929.	1930.	Average 1914-18.	Average 1909-13.	1929.	1930.	Average 1914-18.
	Loads.	Loads.	Loads.	Loads.	£	£	£	£
<b>TIMBER.</b>								
Hewn-Hard—								
Mahogany	—	44	31	—	—	568	358	—
Walnut	—	3		—	—	40		—
Oak	—	24	80	—	—	236	858	—
Teak	—	4		—	—	91		—
Other sorts	—	64	497	—	—	578	1,420	—
Hewn-Soft (fir, pine, spruce, etc.)	542	427		129	1,353	1,224		583
Sawn-Hard—								
Mahogany	—	30	24	—	—	527	397	—
Walnut	—	10		—	—	275		—
Oak	—	238	625	—	—	2,928	7,189	—
Teak	—	43		—	—	1,140		—
Other sorts	—	318		—	—	3,216		—
Sawn-Soft—								
Deal and planks	—	3,069	4,852	—	—	14,101	20,675	—
Boards	—	1,427		—	—	6,583		—
Other sorts	—	729		—	—	3,088		—
Planed or Dressed—								
Floorings	—	407	623	—	—	2,195	3,303	—
Matchings	—	80		—	—	449		—
Other sorts	—	134		—	—	761		—

Imports of Timber, Wood Manufactures and Pulp of Wood.—continued.

Description.	Quantities (thousands).			Value (thousands).			
	Average 1909-13.	1929.	1930.	Average 1914-18.	Average 1909-13.	1929.	1930.
Other descriptions—							
Pitprops ...	2,944	2,693	2,782	1,673	3,510	5,029	5,193
Staves ...	161	126	91	71	795	787	657
Sleepers ...	—	369	533	130	—	1,676	2,416
Veneers and panel wood	—	5	5	—	—	347	331
Not elsewhere specified	6,557*	—	—	3,550*	21,903*	—	—
Total unmanufactured timber ...	10,204	10,244	10,143	5,553	27,561	45,839	42,797
<b>WOOD MANUFACTURES.</b>							
Furniture and cabinet ware ...	—	—	—	—	416	989	916
Builders' woodwork (window frames, doors, etc.).	—	—	—	—	180	1,355	1,218
Plywood ...	—	—	—	—	—	2,994	2,490
Chip boxes ...	—	—	—	—	—	3	—
Tool handles ...	—	—	—	—	—	242	—
Domestic woodwork (bread platters, trays, etc.).	—	—	—	—	—	345	4,118
Not elsewhere specified ...	—	—	—	—	2,099	3,755	—
Total manufactured timber ...	—	—	—	—	2,695	9,683	8,742
<b>PULP OF WOOD.</b>							
Pulp of wood ...	Tons. 859	Tons. 1,638	Tons. 1,532	Tons. 682	4,058	10,900	10,108

\* These figures apply mainly to sawn softwoods. It is not possible to differentiate according to the various categories enumerated above owing to a change in the Board of Trade classification from 1920 onwards.





