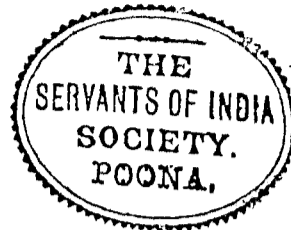


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## Proceedings of the Chief Commissioner of Coorg.

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(Forests), No.  $\frac{3781-3}{17-26}$ , dated Bangalore, the 2nd November 1926.

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READ—

Memorandum No. A-2-35726, dated the 2nd October 1926 from the Commissioner of Coorg, submitting a copy of the Progress Report of the Forest Administration in Coorg for the year 1925-26.

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Order thereon—No.  $\frac{3781-3}{17-26}$ , dated Bangalore, the 2nd November 1926.

1. The total revenue during the year was Rs. 5,38,346 against an expenditure of Rs. 2,99,935. There was thus a surplus of Rs. 2,38,411 as against Rs. 3,14,097 in the previous year. This fall in surplus is due to smaller quantity of sandalwood sold in auction, and serious fall in sandalwood prices and to suspension of operations in Makut. Pending a consideration of the results of the sandalwood enumeration which was continued during the year, and the results of which are being compiled, it is profitless to consider forest finances. The limitation of the amount of sandal put in the market will be a step towards stabilisation.

2. The number of forest offences rose from 9 in 1924-25 to 11 in the year under report.

3. The results of early burning continue to be satisfactory.

4. The disafforestation of 500 acres in North Coorg is a step towards a reduction in the commitments of the department.

5. Credit is due to the Chief Forest Officer, Mr. Robinson, for the reorganisation and steady working of the department.

K. A. G. EVANS GORDON, MAJOR,  
*Secretary to the Chief Commissioner.*

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To—The Secretary to the Government of India, Department of Education, Health and Lands (Forests).

The Commissioner of Coorg.

The Chief Forest Officer, Coorg.

PROGRESS REPORT  
OF THE  
FOREST ADMINISTRATION IN COORG  
FOR THE YEAR 1925-26.

CHAPTER I.

CONSTITUTION OF STATE FORESTS.

1. ALTERATION IN AREA.

*Reserved Forests.*

1. The area of the reserved forests at the commencement of the year was 332,517 acres or 520 sq. miles. An area of 499 acres was disafforested during the year as it was considered of no use to the Department. The total area of the reserved forests at the close of the year was 332,018 acres.

2. FOREST SETTLEMENTS.

2. No expenditure was incurred during the year.

3. DEMARCATION.

3. Rs. 1,445 were spent during the year, of which Rs. 864 was devoted to original clearing of outer boundary lines. The portions done were a distance of 4 miles from Keepalli to Mepalli, 5 miles from Banjiathmale to Udambe and 4 miles from Kulimakki to Udambe on the boundary line between Coorg and Malabar, and a distance of 5 miles from Mundrote to Bagathuchal on the South Kanara boundary. Rs. 160 were spent on reclearing the Coorg-Malabar boundary over 16 miles from Makut to Kulimakki and from Kariahole to Keepalli. The balance of Rs. 421 was spent on clearing reserve boundaries and repairing existing cairns.

4. FOREST SURVEYS.

4. No survey was done during the year. The total expenditure under the head "Constitution of State Forests" was Rs. 1,445.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

1. REGULATION OF MANAGEMENT.

*Preparation and Control of Regular Working Plans.*

*Eastern Forests.*

5. As mentioned in the last year's report exploiting the Eastern forests under the clear felling system combined with artificial regeneration was continued during the year. An area of 100 acres divided into 4 blocks was taken up for timber felling; but owing to insufficiency of labour this felling had not been completed by the end of this year. Resident permanent labour in these forests has been greatly upset by the system of giving advances having been put a stop to and the coolies went away in considerable numbers. Attempts were made to recruit coolies from outside but with small success. One block of 25 acres from which marketable timber had been extracted in the previous year was clear-felled and its regeneration taken up.

*Ghat Forests.*

The prescriptions of the working plan for the Ghât forests were held in abeyance.

No regeneration fellings were carried out during the year.

## 2. COMMUNICATIONS AND BUILDINGS.

*(a) Roads and Bridges.*

6. A sum of Rs. 7,753 was spent on metalling a portion of the Kutta-Hunsur road, near Murkal. The work was transferred to the Forest Engineer in June, prior to which it was under the Divisional Forest Officer, South.

On maintenance of tramway, a sum of Rs. 1,449 was spent. This included the fitting of two armco culverts in the vent of a culvert which had been damaged in the 1924 flood, and the rebuilding of a revetment wall near Kutumpole bridge, where the P.W.D. road was endangered through the original revetment having collapsed in 1924. The tramway line from Kutumpole to Balangapare was stripped and the materials collected.

7. The total expenditure on roads and bridges for the two divisions including repairs and temporary establishment was Rs. 15,625.

*(b) Buildings.*

8. The expenditure on new buildings in the North Division amounted to Rs. 4,862, of which Rs. 4,215 was spent on construction of houses for Foresters, and Forest guards, etc., and Rs. 647 on construction of other buildings.

The expenditure incurred in the South Division on construction of houses for subordinate staff amounted to Rs. 2,190 and on a rest house Rs. 382.

The total expenditure on buildings for the two divisions including repairs and temporary establishment was Rs. 12,675 against Rs. 15,574 in the previous year.

*(c) Miscellaneous Works.*

9. The expenditure on other works amounted to Rs. 1,734 of which Rs. 226 was spent on sinking of a well at Nagerhole and the rest on clearing compounds of the Government buildings in both divisions.

## 3. PROTECTION OF FORESTS.

*(a) General protection.*

10. The following statement shows the number and classification of forest offences compared with the previous year :—

Class.	Injury to forests by fire.		Unauthorized felling or appropriation of wood and minor forest produce.		Grazing without permission or in tracts in which grazing is prohibited.		Other offences.		Total.	
	1924-25.	1925-26.	1924-25.	1925-26.	1924-25.	1925-26.	1924-25.	1925-26.	1924-25.	1925-26.
Cases taken to court ...	...	...	3	...	...	...	...	2	3	2
Cases compounded ...	...	...	3	1	...	4	3	4	6	9
Total ...	...	...	6	1	...	4	3	6	9	11

The total number of cases reported was 11. Nine cases were compounded. Prosecution was instituted in 2 cases of which one ended in conviction of the accused and one was pending at the close of the year. Of the 2 cases pending at the close of the previous year one ended in conviction of the accused and the other is still pending in the Court.

(b) *Protection from fire.*

11. Early burning of the forests was adopted in the Eastern Forests. About 40,212 acres were early burnt out of a protected area of 101,342 acres at a cost of Rs. 1,390. The early burning season was abnormally short as there was abnormally heavy rains in January and the grass remained too green till the end of the month. The period during which early burning could be carried out under control was, consequently, very short.

The results of early burning appear to be satisfactory, but it is too early yet to be certain. The cost of fire protection has by this means considerably reduced.

In the area over which protection was attempted there were 10 fires covering an area of 550 acres against 11 fires covering 552 acres in the previous year. These fires occurred in forests in which the system of early burning has been introduced, but departmental burning had not taken place, as operations were stopped as soon as it appeared likely that early burning could not be controlled.

12. The percentage of success and the cost of protection per square mile were 99.5 and Rs. 37-7-0 as compared with 99.4 and Rs. 52-6-0 respectively in the previous year.

13. The shade line in the Nagerhole Range referred to in last year's report was converted into a fire line to a further length of  $\frac{3}{4}$  mile on the same conditions as last year. There is still  $1\frac{1}{2}$  miles of the line to be done and the work is being continued.

(c) *Protection from cattle.*

14. Eighty-three per cent of the reserved forests were open to grazing for half the year. The number of cattle admitted on payment was 3,818 against 3,721 in the previous year. The number of cattle impounded was 819 against 495 in the previous year.

(d) *Protection against injuries from natural causes.*

15. (i) (a) Sowings in plantations, kumris and "Y" regeneration areas in the Tittimatti and Nagerhole Ranges suffered the usual damage from wild animals such as elephants, bison, sambhur, deer, etc.

(b) Fencing round sandal plants has to some extent prevented deer and sambhur from browsing, but to be effective the fences are very expensive. A new method of tying thorny branches to sandal saplings is being tried in South Coorg and promises well.

(c) Plots for observation of attacks by defoliating caterpillars in teak plantations are being started, on lines laid down by the Forest Zoologist.

(ii) *Sandal spike disease.*—No new experiments on spike disease were under observation during the year. Subordinates in North Coorg are of opinion that the disease is less virulent than it was.

16. *Lantana*.—Scattered lantana and lantana regrowths were uprooted in reserves (including regeneration areas and plantations) and paisaris. The following is a statement of work done in each range :—

Range.	Reserves.						Paisaris.					
	New work uprooting.		Cutting and burning.		Uprooting regrowth.		New work uprooting.		Cutting and burning.		Uprooting regrowth.	
	Acre.	Rs.	Acre.	Rs.	Acre.	Rs.	Acre.	Rs.	Acre.	Rs.	Acre.	Rs.
Senwarpet ...	...	...	...	...	524	263	...	...	...	...	272	131
Fraserpet ...	28	274	25	2	59	106	...	...	...	...	...	...
Bhagamandla...	...	...	...	...	...	...	...	...	...	...	...	...
Exploitation	44	212	...	...	...	...	...	...	...	...	...	...
Tittimatti ...	...	...	...	...	135	64	...	...	...	...	...	...
Nagerhole ...	...	...	...	...	786	383	...	...	...	...	...	...
Mercara ...	...	...	...	...	...	...	...	...	...	...	...	...
Total ..	72	486	25	2	1,504	816	...	...	...	...	272	131

The total expenditure on eradication of lantana for the two divisions amounted to Rs. 1,435.

#### 4. SILVICULTURE.

##### *Section I. Formation and Regeneration of Forests.*

##### *(i) General progress of areas under regeneration.*

17. The progress of the areas under regeneration in the Eastern forests is satisfactory.

In the Exploitation Range regeneration areas, the majority of the seedlings have attained their sapling stage.

##### *(ii) Establishment of reproduction under working plans or schemes.*

##### *(a) Mainly natural.*

18. Natural regeneration is only of importance in the "Y" area in the Anekad, where the system of felling is too rapid to benefit the greater portion of the rosewood and honne natural regeneration already existing on the ground. Teak natural regeneration, if it happened would benefit by the complete and somewhat sudden opening-up, but teak natural regeneration is almost nil. An experiment has been started in the Anekad forest north of the road near the Forester's house, with a view to the possible reintroduction of the "Y" system of felling in favour of the wonderful crop of rosewood advance growth.

##### *(b) Mainly artificial.*

19. Out of the 25 acres in coupe I Kalhalla (Nagerhole Range) felled last year, 17 acres were sown with teak, and 2 acres with honne seeds in March and April 1925 the espacement being 12' x 12' and the balance 6 acres were planted 6' x 6' in August with 3,309 teak "stumped" plants obtained from nurseries of 1923-24 and 1924-25. Failures in the portion originally sown with honne were also replaced by teak "stumped" plants. The percentage of success in the sown area is about 40 to 50 and that of stumplings 70 to 80. The results 12 months later show that the stumplings have grown faster than the seedlings.

A second block of 25 acres in the same coupe was clear felled during the year and was allowed to lie fallow till the middle of March 1926 when it was burnt preparatory to sowing.

Ninty-nine acres of Balcove "Y" area which had been unsuccessfully treated in the previous year were reburnt and resown with honne and matti. The result was poor.

In Anekad, artificial regeneration work by sowing teak to supplement natural regeneration was carried out over the 1923 area.

During the year 22 acres were planted with *Eucalyptus robusta* in the Mercara reserves. In the past a large number of transplants have died through excessive transpiration. Trimming of leaves was found to overcome this difficulty. Seed sown in January is found to yield plants that suffer from being too leggy. Later sowing and wider spacing when living out in the nursery should overcome this difficulty.

(c) *Afforestation.*

20. None during the year under report.

(iii) *Plantation and other forms of Regenerations not under Working plans or schemes (with Form 18 B).*

21. No new kumris were opened during the year. The kumris opened last year in Nagerhole Range were resown with teak, the survivals being 50 per cent in Balecove, 55 per cent in Sujjulu, 30 per cent in Oddramad and 20 per cent in Santhapura kumris.

The abolition of the advance system under the Breach of Contract Act, has resulted in many of our resident kurambar labour leaving the forest and taking estate work, and several kumris suffered in consequence.

11,950 bamboo nodes were planted over 50 acres in the old kumris at Makut. The result was very disappointing, possibly due to its being started too late in the year.

Regenerating rosewood in the Ghât forests as suggested by the Madras Research Officer, last year, was not tried during the year as the seeds could not be procured in time.

Sandal sowing was done over about 47 acres of blanks in existing sandal plantations in the South Division, but with extremely poor results. Germination was good but, as so often happens, the seedlings were eaten by rats and squirrels or died. All the previous years' sandal areas in Fraserpet Range and 154 acres in Malambi (Somwarpet Range) were resown wherever blanks existed.

(iv) *Tending.*

22. Weeding and climber cutting were carried out in "Y" areas, plantations and kumris formed in previous years.

(v) *General.*

23. It has been observed that weeding of honne and biti regeneration is a mistake. The young plants do not materially suffer through being swamped by weed, and the latter affords very valuable protection from browsing by deer.

*Section II. Tending of the Growing Stock.*

24. Except in regular plantations, kumris and "Y" areas no tending was done.

5. **EXPLOITATION.**

(a) *System of Management.*

25. As mentioned in last year's report the system of exploiting the Eastern forests by clear-felling combined with artificial regeneration was continued.

Logs felled in past years under the selection system and scattered over very extensive areas were located and checked in Tittimatti Range. In Nagerhole Range this has yet to be done. As soon as identification work in Nagerhole Range has been done the major portion of the balance of old stock on hand will have to be written off.

*Railway Sleepers.*

26. The agreement with Mr. D. M. Tew for the preparation of sleepers terminated and the sleepers prepared by him were sold to the Madras and Southern Maharatta Railway.

27. In the Ghât forests nothing was done during the year owing to our not having been able to afford to repair the damage done to the tramline in 1924.

*Major Forest Produce.*

28. The following quantities of timber excluding branch pieces were extracted from blocks III, IV and V of Kalhalla, Nagerhole Range (each of 25 acres) which were worked under the new system of clear felling :—

	Block III.	Block IV.	Block V.
Tectona grandis ...	3,110 c. ft.	15,139 c. ft.	3,311 c. ft.
Dalbergia latifolia ...	503 "	684 "	...
Pterocarpus marsupium ...	35 "	1,540 "	...
Terminalia tomentosa ...	3,737 "	2,269 "	...
Lagerstroemia lanceolata ...	1,330 "	890 "	...
<b>Total</b> ...	<b>8,715 "</b>	<b>20,522 "</b>	<b>3,311 c. ft.</b>

The felling is not complete. Besides the above, special fellings were executed in coupes VII and IX of Arkeri reserve forests. Teak trees which had been girdled in 1920 preparatory to felling to meet the timber requirements of the P.W.D. were felled and converted departmentally. As the P.W.D. did not require the timber all the above was carted to the depot at Hunsur, 8353 c. ft. being obtained.

"Y" regeneration fellings were carried out in Anekad forest and 11,116 c. ft. of timber, firewood and charcoal were sold.

(b) *Agency of Exploitation.*

(i) *Departmental Agency.*

29. The balance of timber on hand at the beginning of the year was 261,392 c. ft. The quantity of timber obtained during the year by fellings, rejections by purchasers and confiscations was 55,990 c. ft. 110,865 c. ft. were sold or used for departmental purposes. The balance on hand at the close of the year amounted to 206,517 c. ft.

30. 67,756 c. ft. of timber were sold from the Eastern forests of the South Coorg Division for Rs. 83,353. Three auction sales were held at Hunsur in April and December 1925 and March 1926. As usual the prices realised at the April and March sales were not as good as those obtained at the December sale. A sum of Rs. 7,937 was outstanding on account of timber sold during the year which includes Rs. 5,160 from March 1926 sale.

At the request of Messrs. Howard Brothers & Co., London, Agents to Government of India for Indian timbers, a consignment of 29 first-class biti (*Dalbergia latifolia*) logs measuring 991 c. ft. was sent for sale to London and was sold for satisfactory prices, final net figures are however not yet available.

The timber transported to Beliapatam before the outbreak of 1924 monsoon was sold during the year the total realization during the year for sale of Ghat timber being Rs. 9,384. Messrs. Parry & Co., who acted as agents for sale of Ghat timber ceased to be so from 5th January 1926.

31. *Firewood.*—There was no balance of firewood on hand at the beginning of the year. 246 cartloads of firewood (14,760 c. ft. stacked) were cut departmentally from Mercara reserve. The whole quantity was sold for Rs. 689 leaving no balance at the close of the year. In addition to this, 21,335 c. ft. of firewood from Anekad were sold for Rs. 3,109.

32. *Charcoal.*—15,800 c. ft. of fuel from reserves were converted into charcoal for the use of the Public Works Department, government office and private consumers and sold for Rs. 720.

33. *Sandalwood.*—A balance of 115 tons of cleanwood of which 81 tons previously sold were awaiting removal. 100 tons of roughwood was brought forward from the previous year. During the year 363 tons of roughwood were collected and altogether 399 tons were converted into 365 tons of cleanwood. Tons 275½ were sold by public auction for Rs. 3,05,382, the average

per ton being Rs. 1,131. A further quantity of 20 tons had been sold by private sale previous to the auction for Rs. 18,800. The balance carried forward at the end of the year was 27 tons of roughwood and 82 tons of cleanwood, there being no sold wood still awaiting removal. The cost of collection and conversion was Rs. 21,513, which includes Rs. 7,798 paid as refunds for sandalwood removed from redeemed lands.

34. The total value of the disposals of major produce for the year under departmental collection (less refunds) for the two divisions amounted to Rs. 4,70,981.

(ii) *Purchasers.*

35. *Timber.*—15,149 c. ft. of timber inclusive of branch pieces and poles were sold from the Eastern forests for Rs. 7,094. Rs. 6,765 were realised for timber removed from paisaris and darkhast lands.

A sum of Rs. 9,787 was realised by the sale of 10,266 c. ft. of teak, biti and matti sleepers prepared by Mr. D. M. Tew.

*Other produce.*—43,350 c. ft. of fuel, 259,225 bamboos, 46,700 reeds were removed from reserve forests while 100,575 c. ft. of fuel and 55,000 bamboos were sold from paisaris.

The grazing revenue was Rs. 1,054 including leases of swamps and sale of grass against Rs. 1,040 in the previous year.

The auctioning of minor forest produce produced Rs. 2,083. The right of collecting canes in the Ghât forests realized Rs. 3,547. The revenue from cardamom lease was Rs. 14,882 against Rs. 14,927 in the previous year.

The total value of removals by purchasers (less refunds) for the two divisions was Rs. 48,617 against Rs. 47,325 in the previous year.

(iii) *Rights and Privileges.*

36. The only right was that of free grazing in certain instances, the value of which at full rates amounted to Rs. 125.

(iv) *Free grants.*

37. The ryots in the vicinity of Ghât forests were allowed free grazing on the grass hills of the Ghât forests in lieu of money rewards for help given during the protective burning of the grass to the east of the watershed. 22,804 head of cattle are reported to have grazed under this concession and the value of the free grant at full rates is Rs. 5,701.

(c) *Outturn and sources of forest produce.*

38. The total outturn of the year is summarized in the following table:—

Source of yield.	Major produce.			Minor produce.		
	Timber.	Sandalwood.	Fuel.	Bamboos.	Grass and grazing.	Other produce.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Reserved forests ... ..	1,06,980	...	5,036	2,028	1,054	} 20,212
Unreserved forests ... ..	6,765	3,76,302	1,005	216	...	
Total ...	1,13,745	3,76,302	6,041	2,244	1,054	20,212

The total expenditure under the head "Management of State Forests" was as follows:—

	Rs.
A. Conservancy and Works ... ..	1,54,290
B. Establishments ... ..	1,45,645
Total ...	<u>2,99,935</u>



CHAPTER III.  
FINANCIAL RESULTS.

39. The following table compares the revenue and expenditure of the year with those of previous years :—

Year.	Revenue.	Expenditure.	Surplus.
	Rs.	Rs.	Rs.
1924-25 ... ..	6,67,884	3,53,787	3,14,097
1925-26 ... ..	5,38,346	2,99,935	2,38,411
Average for 5 years ending 1923-24 ... ..	7,40,992	5,51,799	1,89,193

40. As compared with 1924-25 there was a decrease of Rs. 1,29,538 in the Forest revenue chiefly under the heads I (a) timber and I (d) sandalwood. The increase under timber in the previous year was due to realisation of arrears of revenue on account of 1921-22 sales. A decrease of Rs. 1,22,266 under sandalwood was due to the smaller quantity of sandalwood sold in auction and also to a very serious fall in price.

41. In expenditure, there are decreases under several of the detailed heads. The decrease of Rs. 21,164 under A I (a) was chiefly due to suspension of operations at Makut. Under A VI—Live-stock, stores, etc., the important decrease was under (b) Feed and keep of cattle—Rs. 17,678 due chiefly to economies effected in expenditure on live-stock. Rs. 13,905 under A VII—Communications and buildings less than in 1924-25 was due to curtailment of expenditure on construction of roads and buildings. The decrease of Rs. 1,793 under A VIII (f) was due to early burning of fire lines in the Eastern forests.

Under B I—Pay of Officers, there was a decrease of Rs. 9,775 due to the placing of the South Division in charge of Provincial instead of an Imperial Officer during the major portion of the year. The increase of Rs. 1,359 under B II—Pay of Establishment was chiefly due to the creation of a post of the temporary Veterinary Assistant Surgeon for the forest department.

The decrease of Rs. 899 under B III—allowances, honoraria, etc., was due to non-payment of local allowances to new recruits and absorption of local allowance when promotions are effected in subordinate staff.

The percentage of expenditure under A Conservancy and Work, and B Establishment to total expenditure were 51 and 48 respectively.

42. The profit and loss statement is as follows :—

*Profit and Loss Statement.*

1	Direction (North) Division. 2	South Division. 3	Total. 4
	Rs.	Rs.	Rs.
<i>Capital Expenditure.</i>			
In 1925-26 ... ..	14,000	9,000	23,000
In previous years. (See last year's statement) ..	12,01,000	54,000	12,55,000
Total ...	12,15,000	63,000	12,78,000
<i>Profit and Loss Account for 1925-26.</i>			
Receipts ... ..	4,34,000	1,01,000	5,35,000
Outstandings ... ..	14,000	9,000	23,000
Value of timber and sandalwood on hand on 31st March 1926 in depots and forests, etc. ...	1,50,000	72,000	2,22,000
Total ...	5,98,000	1,82,000	7,80,000
Expenditure of the year (excluding capital expenditure) ... ..	1,80,000	97,000	2,77,000
Interest on capital at 6% per annum ... ..	72,000	3,000	75,000
Total ...	2,52,000	1,00,000	3,52,000
Profit for the year 1925-26 ... ..	3,46,000	82,000	4,28,000

## CHAPTER IV.

## RESEARCH AND EXPERIMENTS.

43. The existing sample plots were maintained and the sample trees were freed from shade; the bands and numbers were renewed with white lead. Mr. Conolly, Forest Research Officer, Madras, has recently opened three experimental plots in the Thalepatti Hopea area, Makut.

44. (a) The experiment referred to in paragraph 44 (a) of last year's report was under observation. Out of the 10 surviving pollarded tress (in Balumani sandal plantation) only 7 are now surviving, the average height of the shoots is  $1\frac{1}{2}$  ft. Last year's shoots suffered by wind.

(b) The sandal propagation experiment started at Meenkolli was continued. Resowings were done during the year to fill up casualties with very moderate success.

45. *Experimental plot in 1918-19 Pulingoth Kumri.*—At 288 stakes each, seeds of the following species were sown in May 1919 at the side of the path leading to Chendathkolli:—Aini (*Artocarpus hirsuta*), Biti (*Dalbergia latifolia*), Teak (*Tectona grandis*), Balanji (*Acrocarpus fraxinifolius*), Noga (*Cedrela toona*), Perumara (*Tetrameles nudiflora*) and Burga (*Bombax malabaricum*). Enumeration this year showed the following results:—

Species.	No. of stakes sown.	Result of counting on 21-4-25.	Height. Ft. in.	Girth. Ft. in.	Result of counting on 29-3-26.	Height. Ft. in.	Girth. Ft. in.
1. Aini ( <i>Artocarpus hirsuta</i> ) ...	288	45	18 9	0 9	42	14 3	0 11
2. Biti ( <i>Dalbergia latifolia</i> ) ...	"	117	18 2	1 8	117	20 2	1 10
3. Teak ( <i>Tectona grandis</i> ) ...	"	44	15 0	0 6	36	16 0	0 7
4. Balanji ( <i>Acrocarpus fraxinifolius</i> ) ...	"	...			...		
5. Noga ( <i>Cedrela toona</i> ) ...	"	...			...		
6. Perumara ( <i>Tetrameles nudiflora</i> ) ...	"	...			...		
7. Burga ( <i>Bombax malabaricum</i> ) ...	"	...			...		

Remarks.—Weeded once this year. It is evident that species Nos. 1 to 3 can be successfully raised in kumri areas in the Western Ghat forests, failure of other species was possibly due to bad seeds used for sowing.

46. *Mundrote experimental plot No. 6.*—Enumeration of Aini (*Artocarpus hirsuta*) in 6 lines in 1914 kumri of Mundrote sown in 1915 was carried out to find out casualties in different stages of plants. The results are:—

Year.	1916.	1917.	1918.	1919.	1920.	1921.	1922 March.	1923 April.	1924 April.	1925 April.	1-4-26.
No. of plants.	163	97	76	70	61	60	60	60	60	56	56

Height of the tallest plant is 29' 6". Girth of the biggest plant is 1' 4".

47. *Experimental plot No. 46.*—To determine the height and the girth growth of *Bombax malabaricum* in the Ghat forests, 50 trees were selected in September 1920 in the 1916-17 Pulingoth kumri and their measurements are being recorded every year. Average height is 31' 8" and girth 1' 7".

48. *Experiment No. 46.*—A plot of  $\frac{1}{4}$  of an acre was laid out and Kalpains (*Dipterocarpus*) seeds in 342 stakes were sown on 5-5-21 at the 10th mile stone of Bhagamandla-Mundrote bridle-path, the sowing distance being 6'  $\times$  6'. No clearing of any growth was made in the area. This experiment is to determine growth in the deciduous forest.

Year.	No. of plants surviving.	Height of the tallest plant.	Remarks.
3-10-21	215		
25-3-22	210		
30-4-23	142	1' 3 $\frac{1}{2}$ "	
30-4-24	119	1' 6"	
21-4-25	111	2' 7"	
29-3-26	157*	3' 5"	

\* 231 stakes replaced with plants in July 1925. Out of which 46 are surviving.

49. *Experimental Hopea sowing at Sampaji.* In May 1923, 807 stakes of the 1923 kumri were sown with *Hopea* along river margins. No seeds germinated and so in June of the same year seedlings just germinated in the forests, were transplanted at these stakes. The object was to find out if *Hopea* could be sown on low lying grounds close to the streams.

In May 1924, the vacant stakes were sown with *Hopea* seeds and no germination was found. Again, plants just germinated in the forests were transplanted at the vacant stakes on 9-7-24.

Results of an enumeration on 27-2-1925 showed 66 big plants of 1923, 181 small plants of 1924, the remaining 560 stakes being vacant. The surviving plants of 1923 are in good condition and those of 1924 do not look healthy. Again on 22-4-25, 66 big plants of 1923, and 101 small of plants of 1924 were found surviving. On 31-5-1925, 66 big plants of 1923 and 77 small plants of 1924 were found. Failures were replaced on 29-6-1925, at 664 stakes. Counting on 9-11-25 showed 66 plants of 1923, 77 plants of 1924 and 516 plants of 1925. Countings on 24-3-26 showed 66 old plants of 1923 and 505 plants of 1924-25.

50. *Experimental Hopea sowing at Sampaje.*—Two plots were opened one in the 1920 teak kumri and the other in the deciduous jungle to the north of the 1924 kumri. The object of the experiment being to try under planting of *Hopea* with teak and also growing *Hopea* in the deciduous forest. The following work was carried out:—

Experiment No.	Details of operations.	Observations.	Results.	Inference.
I (a)	In the deciduous jungle at 100 stakes 10 ft. apart 8 <i>Hopea</i> seeds per stake were sown on 31-5-24. Seeds were covered over with earth about $\frac{1}{2}$ " thick, while sowing.  Since the sowing was a failure, seedlings just germinated in the forests were then transplanted at the vacant stakes on 29-6-24.	Seedlings are doing well at almost all stakes, failures were replaced on 29-6-25 and again on 8-8-25.	Only 2 seedlings germinated, most of the seeds being decayed. A failure. Evidently covering of seeds was too much for them.  00% success on 1-12-24 84% " on 27-2-25 61% " on 22-4-25 52% " on 31-5-25 96% " on 9-11-25 88% " on 24-3-26. Plants better than in teak area.	
I (b)	In the deciduous jungle adjoining experiment No. I at 100 more stakes natural <i>Hopea</i> seedlings were planted 12' x 12' on 9-7-24. The object being to observe the growth of <i>Hopea</i> with different spacings.	Seedlings were found doing well at almost all stakes. Failures were replaced on 29-6-25 and again on 8-8-25.	97% on 1-12-24 86% on 27-2-25 87% on 22-4-25 42% on 31-5-25 97% on 9-11-25 93% on 24-3-26. Doing better than in the teak area.	
I (c)	Close to this experiment 1020 <i>Hopea</i> seedlings were planted 10' x 10' on 26-6-25.		91% on 9-11-25 80% on 24-3-26. Plants are doing better than in the <i>Tectona grandis</i> (teak) area.	
II Under medium canopy.	On 31-5-24, in the 1920 teak area another 100 stakes were sown with <i>Hopea</i> seeds at stakes 6' apart.  Since the sowing was a failure seedlings just germinated in the forests were then transplanted at the vacant stakes on 29-6-24.  The object being to observe under planting of <i>Hopea</i> under a medium canopy.	Seedlings are found doing well at almost all stakes. Failures were replaced on 29-6-25 and again on 8-8-25.	Only 3 seedlings germinated, most of the seeds being decayed. Evidently covering of seeds was too much for them.  79% on 1-12-24 48% on 27-2-25 18% on 22-4-25 18% on 31-5-25 94% on 9-11-25 70% on 24-3-26. Plants are fast dying out.	
<i>Experimental Hopea at Sampaje.</i>				
IV Under dense canopy.	In the 1920 teak area under dense canopy 100 <i>Hopea</i> seedlings were transplanted 12' x 12' on 9-7-24. The object being to observe the growth of <i>Hopea</i> under a dense canopy.	Failures were replaced on 29-6-25 and again on 8-8-25.	86% on 1-12-24 49% on 27-2-25 15% on 22-4-25 15% on 31-5-25 93% on 9-11-25 66% on 24-3-26. Fast dying out.	
V Under open canopy.	In 1920 teak area under an open canopy 100 <i>Hopea</i> seedlings were transplanted 12' x 12' on 9-7-24. The object being to observe the growth of <i>Hopea</i> under an open canopy.	Failures were replaced on 29-6-25 and again on 8-8-25.	82% success on 1-12-24 31% " on 27-2-25 8% " on 22-4-25 6% " on 31-5-25 91% " on 9-11-25 51% " on 24-3-26. Fast dying out.	

51. *Coppicing Aini plants in the 1918 areas at Sampaje.*—Aini having over-topped teak, as an experiment 30 per cent of the Aini were coppiced on 27th and 28th March 1925.

In 1918.	Patch	I	3 plants were coppiced and 3 sprouted.
	"	II	9 " 7 "
	"	III	5 " 4 "
	"	IV	34 " 31 "

The successful plants were measured in November and March and the height of their highest shoots was as follows:—

Name of kumri.		No. of plants sprouted.	No of shoots browsed.	Height of the highest shoot.
On 6-11-1925.				
Patch	I	3	2	5' 0"
"	II	7	5	4' 3"
"	III	4	4	2' 4"
"	IV	31	20	4' 2"
On 24-3-1926.				
Patch	I	3	2	6' 1"
"	II	9	9	4' 8"
"	III	5	5	4' 0"
"	IV	31	27	5' 0"

52. *Sowing Aini in the 1920 teak area at Sampaje.*—On 5-6-25, Aini seeds were sown 12' × 12' at 2,766 stakes, to try raising this species as an underwood for teak. A number of plants died owing to drip and the failures were replaced with seedlings from more successful stakes in the same area and plants from the 1924 area. Counting on 9-11-25 showed 82 per cent surviving.

Counting on 24-3-26 showed 51 per cent surviving. The plants are fast-dying out on account of direct hot sun, teak having shed leaves.

53. No improvement was noticed on the sandal trees around which *Acacia suma* and *Pongamia glabra* were planted as host plants in the Balumani Sandal Plantation (vide paragraph 53 of last year's report).

54. The average height of the teak stump plants planted in 1922-23 and referred to in paragraph 54 of last year's report is 10' 2" and the average height of the seed plants sown at the same time is 8' 11".

It is seen from the above that stump plants are growing faster than ordinary seedlings.

55. Results of the teak germination experiment referred to in paragraph 55 of last year's report are as follows:—

Description.	No. of stakes in the rows selected for observation.	No. of stakes in which seedlings are now found.	Average height of seedlings.	
			1924-25.	1925-26.
Treated Burma seeds. ...	83	60	6' 8"	9' 11"
Untreated do. ...	85	56	6' 8"	9' 4"
Treated Coorg seeds. ...	83	65	8' 2"	10' 11"
Untreated do. ...	87	61	7' 6"	10' 10"

The experiment is being continued.

56. The following statement shows the average height of the plants in the experiment referred to in paragraph 56 of last year's report.—

	Coppiced and unburnt strips.		Coppiced and burnt strips.	
	1924-1925.	1925-26.	1924-25.	1925-26.
Burma	9' 1"	10' 6"	9' 4"	10' 6"
Coorg	7' 6"	9' 7"	8' 0"	10' 3"

The experiment is being continued.

57. The following is the result of planting *Eucalyptus robusta* in hadlus referred to in paragraph 57 of last year's report :—

Locality.	No. planted.	No. surviving.	Average height of the plant.
Hulipatti hadlu	75	27	14' 2"
Nagerhole ,,	75	25	9' 7"

A sum of Rs. 1-2-0 was spent during the year for maintaining the above.

58. An experiment was commenced with the object of studying the effect of fire on young teak saplings or coppice from saplings.

Four plots of one square chain each in different aged crops were selected each with an adjoining control plot.

The girths and heights of 30 plants in each plot and control plot were recorded and the plants numbered and marked. Plot number 2 was burnt lightly on 13-2-1926 while early burning was in progress. Plots numbered 1, 3 and 4 were burnt thoroughly on 6-3-1926. The areas selected for this experiment are as follows :—

Plot No.	Name of area.	Remarks.
2 and 2A (control plot)	1919 Balecove kumri.	Light fire as is experienced in early burning.
1 and 1A (control plot)	1920 "Y" area.	} Fierce fire.
3 and 3A do.	Balecove 1912 kumri which had been coppiced in 1923.	
4 and 4A do.	Balecove 1912 kumri.	

59. To find out how the removal of the congestion of half cut culms of bamboos would effect the production and growth of the new shoots, 4 clumps at Makut were cut flush with the ground and freed from all half cut culms last year. This was under observation during the year. All the 4 clumps have sent up from 3 to 5 shoots and are growing well. This requires further observation.

60. *Lac cultivation experiment.*—The lac experiment was continued during the year at a cost of Rs. 116. The experiment has so far proved disappointing. The yield from 100 lbs of brood lac obtained from the Mysore Government was 24 lbs of crude lac only and yield from the second crop was only one lb. The Indian Institute of Science, Bangalore, were kind enough to examine specimens of colonised shoots from time to time and invariably reported that the lac was diseased. The experiment is being continued. It is now thought that the poor results obtained so far are due to the brood lac received from Mysore being affected by parasites.

## CHAPTER V.

### ADMINISTRATION.

61. Mr. G. C. Robinson, I.F.S., Deputy Conservator of Forests, was in charge of the Direction Division except for a period from 1st April to 22nd May 1925, during which Mr. V. G. Darrington, Assistant Conservator of Forests, held charge of this Division. Mr. J. L. Harrison, Forest Engineer, was in charge of the Exploitation Division till 20th February 1926, when he was transferred as Assistant Forest Economist, Forest Research Institute and College, Dehra Dun, the post not being filled. Mr. P. W. F. Walpole, Extra Assistant Conservator, was in charge of the South Division except for the period from 23rd May to 30th July 1925, during which period Mr. Darrington held charge of the Division with Mr. Walpole as assistant. Mr. C. M. Belliappa, Extra Assistant Conservator, worked as Divisional Forest Officer, North Coorg.

#### *Conduct of the establishment.*

62. The work of Rangers was generally satisfactory with the exception of one, whose services were dispensed with.

The work of some Foresters and Forest guards was good others are very incompetent. Five Forest guards retired from service. One Forester, 4 guards and 2 Range clerks resigned. One guard and one clerk dismissed. One guard was suspended and 2 guards and one duffedar died during the year.

63. The health of the subordinates both executive and clerical staff was on the whole unsatisfactory.

64. The result of the Commissioner's annual inspection of the Direction office and that of Chief Forest Officer's inspection of the Divisional Forest office, South Coorg, were favourable.

65. The case against the acting Manager of the Chief Forest Officer's office (vide sub-paragraph 62 of last year's report) ended in his conviction and dismissal from Government service.

## CHAPTER VI.

### GENERAL.

66. There were 19 elephants in stock at the beginning of the year. 17 elephants were captured during the year. Five new captures, and 4 of the previous year were sold for Rs. 9,500 and one new capture died. One working elephant was destroyed as it was suffering from tuberculosis. Thus the total number of elephants at the close of the year was 25. The total cost of capturing operation was Rs. 3,467 inclusive of Rs. 196 paid as rewards, or Rs. 8,687 if we include the feed and keep of kumakis. The value of the new captures sold was Rs. 4,000 and the remaining captures of the year may be valued at over Rs. 11,000.

67. The number of buffaloes at the beginning of the year was 15 of which 3 died leaving a balance of 12 at the close of the year. There were 6 bullocks throughout the year.

The feed and keep of the whole stud of live-stock amounted to Rs. 21,948 as against Rs. 39,626 in the previous year.

*Measures for the prevention of denudation of forest growth  
in catchment areas of streams.*

*Protective burning of grass hills.*

68. The following is the review by the Commissioner of Coorg of the work done:—

“The protective burning was conducted in 62 villages affecting 8 Nads. The burning commenced on 1st February 1926 and ended on 27th March 1926. The area burnt is 87,658 acres against 80,520 acres last year. The burning was satisfactory and the patels and villagers concerned took part in the operations.

One accidental fire is reported in Brahmagiri which resulted in burning of about 70 acres of grass hills.

As usual the ryots of Maragodu and Hosakeri villages in Mercaranad want a money reward; the rest are content to have the right of grazing in forests. The concession of free grazing granted to the ryots of Kurchi village, Srimangalanad, is withdrawn as their attitude towards this work is very unsatisfactory.

The proposed burning of sholas hitherto done by the villagers of Kurchi in the ensuing year and onwards by the Forest Department is approved.”

69. On the Brahmagiri hills, fire lines were cleared round the principal sholas and the grass outside them was burnt and the sholas being thus protected.

70. The stream margins in lands granted for rubber and fibre cultivation were inspected and found to be in a satisfactory condition.

71. Two hundred and thirty-four acres of swamps in the Tittimatti, Fraserpet and Bhagamandla Ranges were granted for wet cultivation under the Chief Commissioner's notification No. 43, dated 16-8-1922. I am very disappointed find how few of these areas are being brought under cultivation.

72. *Sandal enumeration.*—The sandal enumeration work was continued during the year under the management of Mr. C. M. Belliappa, Extra Assistant Conservator, with one Ranger, 17 Foresters and 45 guards. The enumeration field work took about one month more than was anticipated and the results are being compiled.

MERCARA,  
Dated 7th September 1926.

G. C. ROBINSON,  
Chief Forest Officer

List of Annual Returns to the Progress Report of Forest Administration  
in Coorg for 1925-1926.

Form No.	Name of Form.
7	Areas of forests.
8	Forest Settlements.
9	Demarcation of boundaries.
10	Forest surveys.
11	Progress made in working-plans.
12	Communications and buildings.
13	Breaches of forest rules.
14	Forest tracts protected from fire.
15	Causes of forest fires.
16	Areas closed and open to grazing. .
17	Grazing in State forests.
18-A.	Progress in reproduction and afforestation under working-plans or schemes during the year.
18-B.	Plantations not under working-plans during the year.
19	Outturn of timber and fuel.
20	Outturn of minor produce.
21	Account of timber, &c., in depots and sold locally.
22	Abstract of value of timber and stock.
23	Abstract of value of live and dead stock.
24	Summary of revenue and expenditure for the year.
„	Supplemental.
26	Outstandings on account of revenue during the year.
27	Outstandings and liabilities of contractors and disbursers during the year.

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FORM No. 7.  
FOREST DEPARTMENT, COORG.

Area of Reserved Forests, Protected Forests, Unclassed or Public Forest Land, and Leased Forests 1925-26.

Division.	Range.	Civil district or territory.	Name of forest.	Area on 1st April 1925.		Added during the year	Excluded or transferred to other heads.	Area on 31st March 1926.		No. and date of notification of addition or transfer, &c.	Remarks.
				Acres.	Equivalent in square miles.			Acres.	Acres.		
Direction (North.) Div.	...	Coorg.	...	2,38,756	865	...	499	2,33,257	864	Vide Chief Commissioner's Notification No. 41, dated 4-4-25.	
South Coorg...	...		...	98,761	155	...	...	98,761	155		
Total.....			3,32,517	520	...	499	3,32,018	519	...		

FORM No. 8.

FOREST DEPARTMENT, COORG.

Progress made in Forest Settlements during the year 1925-26.

Forest Division	Civil District or Territory	Name of Forest	Area in square miles			Cost during year		Entire cost per square mile of areas finally settled	Government Notification of settlement.	
			Finally settled during year	In hand at commencement of year	Taken in hand during year	In Forest Accounts	In other Accounts		No.	Date
1	2	3	4	5	6	7	8	9	10	11
Direction(North) Division.	Coorg	...	...	Nil	...	...	...	...	...	...
South Coorg ...		...	...	...	Nil	...	...	...	...	...
Total.....			...	Nil	...	...	...	...	...	...

FORM  
FOREST DEPART  
Record of demarcation and

Division.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.
	Miles.	Miles.	Miles.	Miles.
Direction (North) Divn...	...	...	...	283
South Coorg Division ...	...	...	...	198
Total.....	...	...	...	480

FORM  
FOREST DEPART-  
Statement of forest areas surveyed and under survey

DIVISION.	TOPOGRAPHICAL SUBVEYS.						Ordinary Surveys.	
	Special Surveys paid for by Forest Department.							
	Previous.		Of the year.		Cost.		Previous.	
	1" = 1 M.	2" = 1 M.	4" = 1 M.	8" = 1 M.	Incurred during year.	Total to the end of year.	2" = 1 M.	Smaller scales.
1	2	3	4	5	6	7	8	9
	Sq. M.	Sq. M.	Sq. M.	Sq. M.		Rs.	Sq. M.	Sq. M.
Direction (North) Division ...	...	365	...	...	...	} 20,479	...	...
South Coorg Division ...	...	155	...	...	...		...	...
Total.....	...	520	...	...	...	20,479	...	...

NOTE.—Columns 2, 3, 4, 5, 8, 9, 10 and 11 should show the work up to date.

FORM  
FOREST DEPART-  
Progress made in Working

Division.	Area under sanctioned working plans.					Area not under working plans		
	At commencement of year.	Added during year.	Deducted during year.	At close of year.		Plans under preparation.	Plans not under preparation.	
				Actual area.	Percentage of total forest area (as shown in column 10).		Required at present.	Not required at present.
1	2	3	4	5	6	7	8	9
	Sq. M.	Sq. M.	Sq. M.	Sq. M.	Per cent.	Sq. M.	Sq. M.	Sq. M.
Direction (North) ...	365	...	...	364	...	...	...	...
South Coorg ...	155	...	acres. 499	155	...	...	...	...
Total.....	520	...	acres. 499	519	...	...	...	...

## No. 9.

MENT, COORG.

maintenance of boundaries, 1925—26.

Length of boundaries still to be demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.		Remarks.
			On new work.	On repairs.	
Miles.	Miles.	Miles.	Rs.	Rs.	
...	56	338	...	1,231	
...	...	198	...	154	
...	56	536	...	1,445	

## No. 10.

MENT, COORG.

by the Survey of India Department during the year 1925—26.

not paid for by Forest Department.		BOUNDARY SURVEYS.		Total area surveyed.	Area remaining to be surveyed.	Total area as per form 7.	REMARKS.
Of the year.		Previous.	Of the year.				
2"=1 M.	Smaller scales.						
10	11	12	13	14	15	16	17
Sq. M.	Sq. M.	L. M.	L. M.	Sq. M.	Sq. M.	Sq. M.	
..	..	365	..	365	..	364	
..	..	155	..	155	..	155	
..	..	520	..	520	..	519	

The total added to column 15 should equal the total forest area in column 16.

## No. 11.

MENT, COORG.

Plans, 1925—26.

Total forest area in Form No. 7 (Total of columns 5, 7, 8 and 9).	Revisions.			Expenditure on working plans during the year.	Remarks.
	Due or required.	In progress at end of year.	Revised plans sanctioned during year		
10	11	12	13	14	15
Sq. M.	Sq. M.	Sq. M.	Sq. M.	Rs.	
364	..	..	..	..	
155	..	..	..	..	
519	..	..	..	..	

**FORM No. 12.**  
**FOREST DEPARTMENT, COORG.**  
**Communications and Buildings during 1925—1926.**

Division	New works undertaken during the year.														Repairs executed during the year.											Remarks.								
	Buildings.					Roads and paths.						Other works.	Buildings.					Roads and paths.						Other works.										
	Expenditure on				Total expenditure incurred	Cart roads		Bridle paths		Others			Total length of paths or roads	Total expenditure incurred	Expenditure on				Total expenditure incurred	Cart roads		Bridle paths			Others		Total length of paths or roads	Total expenditure incurred	Total expenditure incurred					
	Head-quarter houses	Rest houses	Houses for subordinate establishment	Others		Length	Cost	Length	Cost	Length	Cost	Head-quarter houses			Rest houses	Houses for subordinate establishment	Others	Length		Cost	Length	Cost	Length	Cost	Length					Cost				
1	2 (a)	2 (b)	2 (c)	2 (d)	3	4 (a)	4 (b)	4 (c)	4 (d)	4 (e)	4 (f)	5	6	7	8	9 (a)	9 (b)	9 (c)	9 (d)	10	11 (a)	11 (b)	11 (c)	11 (d)	11 (e)	11 (f)	12	13	14	15	16			
Direction		Rs.	Rs.	Rs.	Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	M.F.	Rs.	M.F.	Rs.	M.F.	Rs.	M.F.	Rs.	Rs.	Rs.				
(North) Division	...	...	4,215	647	4,862	9 fur.	5,330	M.F.	...	...	1,449	M.F.	6,770	...	11,641	47	780	1,750	224	2,801	M.F.	23-6	936	M.F.	106	1,409	M.F.	...	*1,127	M.F.	180-6	3,562	1,151	7,514
South Coorg Division	...	382	2,190	...	2,572	...	2,423	...	...	...	...	2,423	228	5,221	...	985	1,427	28	2,440	74-3	2,736	16	50	104	75	100-7	2,863	357	5,658					
Total.....	...	382	6,405	647	7,434	9 fur.	7,753	...	...	...	1,449	...	9,202	226	16,862	47	1,765	3,177	252	5,241	98-1	3,672	182	1,549	104	1,202	200-5	6,423	1,508	13,172				

\* Yamway

FORM No. 13.

FOREST DEPARTMENT, COORG.

Statement showing register of breaches of Forest Rules during 1925—1926.

Forest Division.	Cases pending from previous year.			New cases of the year.												Total cases.	Disposed of during the year.						Cases pending at close of year.	Remarks.																
				Injury to forest by fire.		Unauthorized felling.		Unauthorized grazing.		Other offences.		Total.		Convictions.			Acquittals.		Total.																					
	A	B	All	A	B	C	A	B	C	A	B	C	A	B	C		A	B	C	All	A	B			A	B	A	B	A	B	A	B	All	A	B	All				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Direction (North) Division...	2	...	2	...	...	...	...	2	...	1	4	...	1	6	...	3	6	...	9	1	6	1	6	...	...	...	...	1	6	7	1	6	7	2	...	2				
South Coorg Division...	...	...	...	...	...	...	1	...	2	...	1	...	1	3	...	1	3	...	4	1	3	1	4	...	...	...	...	1	3	4	1	3	5	...	...					
Total...	2	...	2	...	...	...	1	...	4	...	2	4	...	2	9	...	4	9	...	13	2	9	2	10	...	...	...	2	9	11	2	9	12	2	...	2				

N. B.— 'A' means cases taken into court.

'B' means cases disposed of under section 67 of the Indian Forest Act, 1878.

'C' means undetected cases.

FORM No. 14.

FOREST DEPARTMENT, COORG.

Area of forest tracts protected from fire during the year 1925—1926.

Division.	Forest Range.	Year in which protection commenced.	Area attempted to be protected in* 1924—1925.	Area actually protected in* 1924—1925.	Area attempted to be protected in† 1925—1926.	Failures. 1925—1926.	Area actually protected in† 1925—1926.	Cost.	Remarks.
Direction (North) Division.	Mercara	...	1883	316	316	...	316	Rs. 144	* Note—40,212 acres were early burnt and are included in the area under protection. † Includes Rs. 188 spent on clearing fire lines & pay of fire watchers on the Brahmagiris.
	Fraserpet	...	1876	12,009	11,993	12,009*	52	1,207	
	Somwarpet	...	1877	2,750	2,744	2,750	...	535	
	Bagamandla	...	1914	500	425	500	5	671	
Exploitation	...	...	1881	1,378	1,378	...	1,378	...	
	Total...		16,953	16,856	16,953	57	16,896	2,557	
South Coorg Division.	Tittimatti	...	1876-78	35,560	35,185	35,782*	200	1,430	
	Nagerhole	...	1878	45,825	45,745	53,551*	293	2,225†	
	Total...		81,385	80,930	89,333	493	88,840	3,655	
	Grand Total...		98,338	97,786	106,286	550	105,736	6,212	

\*Year previous to that of current report.

†Year dealt with in current report.



FORM No. 16.

FOREST DEPARTMENT, COORG.

Area closed and open to grazing during 1925—1926.

Area in square miles.

Division.	Closed to all animals.		Open to grazing				Remarks.
			Of all animals		Of all animals except browsers (camels, sheep and goats)		
	Whole year.	Part of year.	Whole year.	Part of year.	Whole year.	Part of year.	
1	2	3	4	5	6	7	8
<b>RESERVED FORESTS.</b>							
Direction (North) Division...	67	298	...	...	...	298	
South Coorg Division	20	135	...	...	...	135	
Total .....	87	433	...	...	...	433	
<b>RESERVED LANDS (UNDER SEC. 4).</b>							
	...	...	...	...	...	...	
Total.....	...	...	...	...	...	...	
<b>PROTECTED FORESTS.</b>							
	...	...	...	...	...	...	
Total.....	...	...	...	...	...	...	
Grand Total .....	87	433	...	...	...	433	

FORM No. 17.

FOREST DEPARTMENT, COORG.

Return of grazing in the State Forests of Coorg during 1925—1926.

Division.	Grazing on payment. Number of animals.										Grazing free. Number of animals.					Grand total of value at full rates.					
	At full rates.					At privileged rates.					By right under settlement.		During pleasure of Government or otherwise than under settlement.								
	Buffaloes.	Cows & bullocks	Goats & sheep.	Camels.	Other animals.	Buffaloes.	Cows & bullocks	Goats & sheep.	Camels.	Other animals.	Actual.	Fees re-fulfilled.	Buffaloes.	Cows & bullocks	Goats & sheep.		Camels.	Other animals.	Value of fees at full rates.	Total value of fees at full rates.	
				Rs.						Rs.	Rs.						Rs.	Rs.	Rs.		
<b>RESERVED FORESTS.</b>																					
Direction (North) Division...	88	2297	...	...	626	...	...	...	...	...	...	...	478	...	120	...	17,201	...	4300	4,420	5046
South Coorg Division...	241	1192	...	...	393	...	...	...	...	...	...	...	20	...	5	...	5,603	...	1461	1,406	1799
Total .....	329	3489	...	...	1019	...	...	...	...	...	...	...	498	...	125	...	22,804	...	5701	5,826	6845
<b>PROTECTED FORESTS.</b>																					
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total.....	329	3489	...	...	1019	...	...	...	...	...	...	...	498	...	125	...	22,804	...	5701	5,826	6845

**FORM No. 18 A.**  
**FOREST DEPARTMENT, COORG.**

Progress in reproduction and afforestation under working Plans or Schemes during the forest year 1925-26.

1 Division.	2 Working Circle and Block.	3 Period	4 Area to be regenerated during period.	5 Method of Treatment.	6 Area in which re-generation was in progress at Commencement of year 1st April 1925.	7 Area on which re-generation commenced during the year April 1st to March 31st 1926.	8 Area on which re-generation is complete.			11 Area on which re-generation is still in progress at close of year 31st March 1926.	12 Expenditure during the year.		14 Expenditure to date from commencement of period.		16 Remarks.
							8 Previous.	9 During year 1st April 1925 to 31st March 1926.	10 Total to 31st March 1926.		12 Creation.	13 Up-keep.	14 Creation.	15 Up-keep.	
Direction (North) Division...	Northern working circle ...	20 years.	acres. 4,792	"Y" fellings.	58	100	282	...	282	153	836	591	3,381	4,473	
	Southern working circle ...	"	"	do.	77	...	...	...	...	77	...	114	1,299	3,412	
	Northern working circle ...	"	1,000	Sandal sowing.	153	...	56	...	56	153	...	820	435	7,625	
	Urtil and Sollekelli blocks ...	"	8,500	Regeneration fellings.	500	...	1,000	...	1,000	500	...	...	...	8,275	
	Fuel working circle ...	...	...	Planting of eucalyptus.	...	...	...	...	...	...	...	...	...	...	
	Mercara Reserve ...	17	520	...	...	27	22	14	...	14	49	696	160	7,062	14,335
	Total ...		14,812	...	815	122	1,352	...	1,352	937	1,532	1,685	12,197	38,320	
South Coorg Division...	Southern working circle, Mawkal felling series blocks 1, 2, 5, 8 and 9. ...	20 years.	11,446	"Y" fellings.	...	...	510	...	510	...	...	602	9,834	23,820	
	Southern working circle Hatgut felling series, blocks 1, 3, 4, 7, 11 and 12. ...	20 years.	11,535	do.	25	25	317	25	342	25	492	1,194	3,422	14,481	
	Total ...		22,981	...	25	25	827	25	852	25	492	1,796	13,256	38,301	
	Grand Total ...		37,793	...	840	147	2,179	25	2,204	962	2,024	3,481	25,453	76,621	

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FORM No. 18 B.

FOREST DEPARTMENT, COORG.

Plantations not under Working Plans during the Forest year ending 31st March 1926.

Division and Forest.	Method of formation and year of commencement.	Area in acres.				Expenditure during the year.		Total expenditure from commencement including expenditure on all failed areas.			Total area written off from start.	Expenditure in failed areas during the year.	Expenditure from commencement excluding failed areas.	Revenue during year.	Total revenue from date of creation.	Remarks.
		At commencement of year 1st April 1925.	Added during the year 1st April 1925 to 31st March 1926.	Excluded during the year 1st April 1925 to 31st March 1926.	On 31st March 1926.	Creation.	Up-keep.	Creation.	Up-keep.	Total.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Acres.														
Direction North (Division)...	Regular Plantations 1870-1884 Teak.	35	..	..	35	..	22	1,151	5,771	6,922	11	..	5,650	..	299	Only 200 acres contain good teak.
Northern Working Circle...	Do.	87	..	..	87	..	22	4,951	10,964	15,915	18	..	12,214	..	2,074	
Exploitation range	Regular Plantations 1870-1884 Sandal.	603	..	..	603	..	711	9,860	19,049	38,909	..	..	38,909	..	2,120	
Ghat Forests...	Artificial cultivation by dibbling 1923-24.	10	..	..	10	..	..	51	..	51	..	..	51	..	..	
	Planting Teak 1869-70	780	..	..	780	..	..	Not known	64,613	64,613	..	..	64,613	..	2,887	
	Clear felling and sowing with Aini and Irulu.	5	..	..	5	..	174	..	220	220	..	..	190	..	..	
North Division	Taungya Plantations Kumries.	2,196	..	..	2,196	..	2,162	869	31,369	32,238	..	..	32,238	..	..	
Mundrote	Regeneration and Improvement fellings of Hopea 1919-20.	100	..	..	100	..	50	150	301	451	..	..	451	..	..	
	Total ...	3,796	..	..	3,796	..	3,141	17,032	1,42,287	1,59,319	29	..	1,54,322	..	7,380	
South Coorg Division	Regular Plantations Teak 1863	235	..	..	235	..	8	15,150	17,785	32,935	..	..	32,935	..	45,045	
Tittimatti and Nagerhole Ranges.	Do. Sandal 1880...	441	..	..	441	..	438	4,580	23,401	27,981	..	..	27,981	..	2,634	
	Total ...	676	..	..	676	..	446	19,730	41,186	60,916	..	..	60,916	..	47,679	
Do. Do.	Taungya Plantation 1891	1,851	..	..	1,851	208	1,004	7,907	21,149	29,056	..	..	29,056	111	45,379	
	Total ...	1,851	..	..	1,851	208	1,004	7,907	21,149	29,056	..	..	29,056	111	45,379	
	Grand Total ...	2,527	..	..	2,527	208	1,450	27,637	62,335	89,972	..	..	89,972	111	93,058	
	Grand Total of North & South Divisions ...	6,323	..	..	6,323	208	4,591	44,669	2,04,622	2,49,291	29	..	2,44,294	111	1,00,438	

FORM No. 19.  
FOREST DEPARTMENT, COORG.

Outturn (in cubic feet, solid) of Timber and Fuel during the year 1925-26, and Agency of Exploitation.

Division.	Timber in the rough; logs.					Timber in the rough; poles.					Sawn or squared timber.					Sandalwood.					Total timber.					Fuel.					Total. Outturn.	
	Government.	Purchasers.	Free Grantees.	Right holders.	Total.	Government.	Purchasers.	Free Grantees.	Right holders.	Total.	Government.	Purchasers.	Free Grantees.	Right holders.	Total.	Government.	Purchasers.	Free Grantees.	Right holders.	Total.	Government.	Purchasers.	Free Grantees.	Right holders.	Total.	Government.	Purchasers.	Free Grantees.	Right holders.	Total.		Outturn.
	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	c ft	
<i>I.—Reserved Forests.</i>																																
Direction (North) Divn.	6,040	...	...	...	6,040	...	6,803	...	...	6,803	...	...	...	...	...	...	...	...	...	...	6,040	6,803	...	...	12,843	36,095	39,700	...	...	75,795	88,644	
South Coorg Division...	40,944	...	...	...	40,944	...	8,346	...	...	8,346	...	10,266*	...	...	10,266	...	...	...	...	...	40,944	18,612	...	...	68,556	...	3,650	...	...	3,650	72,206	
Total...	55,980	...	...	...	55,980	...	15,149	...	...	15,149	...	10,266	...	...	10,266	...	...	...	...	...	55,980	25,415	...	...	81,405	36,095	43,350	...	...	79,445	1,60,850	
<i>II.—Protected Forests.</i>																																
Direction (North) Divn.	...	11,740	...	...	11,740	...	...	...	...	...	...	...	...	...	14,500	...	...	...	...	...	14,500	14,500	11,740	...	...	26,240	...	47,850	...	...	47,850	74,090
South Coorg Division...	...	15,320	...	...	15,320	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15,320	...	...	15,320	...	52,725	...	...	52,725	68,045	
Total...	...	27,060	...	...	27,060	...	...	...	...	...	...	...	...	...	14,500	...	...	...	...	...	14,500	14,500	27,060	...	...	41,560	...	100,575	...	...	100,575	142,135
<i>III.—Unclassed Forests.</i>																																
...	...	...	...	...	...	...	...	...	...	...	...	...	Nil.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total.....	...	...	...	...	...	...	...	...	...	...	...	...	Nil.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total...	55,980	27,060	...	...	83,050	...	15,149	...	...	15,149	...	10,266	...	...	10,266	14,500	...	...	...	14,500	70,490	52,475	...	...	122,965	36,095	14,925	...	...	180,020	302,985	

\* Sleepers.

## FORM No. 20.

## FOREST DEPARTMENT, COORG.

Outturn of minor forest produce during the year 1925—26.

Description of produce.	Produce removed or utilized.										Remarks.
	By Govern- ment agency.		By purchas- ers.		By free grants.		By right holders.		Total.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
<i>I.—Reserved Forests.</i>											
DIRECTION DIVISION.											
Bamboos ...	75	3	168,650	1,520	...	...	...	...	168,725	1,523	
Reeds ...	...	...	46,700	...	...	...	...	46,700	...	...	
Minor forest produce including cardamom ...	...	...	...	20,028	...	...	...	...	...	20,028	
Grazing & other minor produce.	...	...	...	642	...	...	...	...	...	642	
Total.....	75	3	215,350	22,190	...	...	...	215,425	...	22,193	
SOUTH DIVISION.											
Bamboos ...	...	...	90,575	461	50	...	...	90,625	...	461	
Minor forest produce including cardamom ...	...	...	...	453	...	...	...	...	...	453	
Grazing ...	...	...	...	412	...	...	...	...	...	412	
Total.....	75	3	305,925	23,516	50	...	...	306,050	...	23,519	
<i>II.—Protected Forests.</i>											
DIRECTION DIVISION.											
Bamboos ...	...	...	43,200	216	4,380	...	...	47,580	...	216	
Total ...	...	...	43,200	216	4,380	...	...	47,580	...	216	
SOUTH DIVISION.											
Bamboos ...	...	...	11,800	44	...	...	...	11,800	...	44	
Minor forest produce...	...	...	...	31	...	...	...	...	...	31	
Total.....	...	...	11,800	75	...	...	...	11,800	...	75	
Total.....	...	...	55,000	291	4,380	...	...	59,380	...	291	

## FORM No. 21.

## FOREST DEPARTMENT, COORG.

Account of timber and other produce cut or collected by Government agency and brought to  
deposits, sold locally or otherwise disposed of, during the year 1925—26.

Name of Division.	Balance at com- mencement of the year in forests and sale depots.	Received during the year.	Total.	Disposed of dur- ing the year.	Balance in hand at close of the year in forests and sale deposits.
Coorg.					
Direction (North) Division.	172,074	6,046	1,78,120	37,507	140,613
South Division	89,318	49,944	1,39,262	73,358	65,904
Total timber.....	261,392	55,990	317,382	110,865	206,517
Clean Sandalwood (tons).					
Direction (North) Division.	115	365	480	(a) 398	82
South Division	...	...	...	...	...
Total clean sandalwood ...	115	365	480	398	82
Rough Sandalwood (tons).					
Direction (North) Division.	100	363	463	(b) 436	27
South Division	...	...	...	...	...
Total rough sandalwood ...	100	363	463	436	27
Fuel (cubic feet).					
Direction (North) Division.	...	14,760	14,760	14,760	...
South Division	...	...	...	...	...
Total fuel ...	...	14,760	14,760	14,760	...

(a) This figures is made up of:—

	Tons.
(i) Removal on account of purchases in ...	376½
(ii) Dryage ...	21½
Total ...	398

(b) Excluding dryage of 37 tons, the quantity actually issued for cleaning was 399 tons.

## FORM No. 22.

## FOREST DEPARTMENT, COORG.

Abstract showing the value of timber and other produce at sale-depots for the year 1925-26.

Description of timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.		Remarks.
	No.	C. ft.	Value.	No.	C. ft.	Value.	In favour of the year.	Against the year.	
<b>DIRECTION (NORTH) DIVN.</b>									
<i>Sandalwood.</i>									
Good wood ... ..	...	Tons. 115	Rs. 1,38,000	...	Tons. 82	Rs. 73,800	...	Rs. 64,200	
Chips ... ..	...	...	...	...	...	...	...	...	
Rough wood ... ..	...	100	90,000	...	27	32,400	...	57,600	
Total.....	...	215	2,28,000	...	109	1,06,200	...	1,21,800	
<i>Timber.</i>									
<i>Baliapatam Depot.</i>									
Teak poles ... ..	672	3,742	504	...	...	...	...	504	
Chonpains logs ... ..	102	4,975	2,487	...	...	...	...	2,487	
Kalpains " ... ..	136	8,527	7,144	...	...	...	...	7,144	
Pali " ... ..	29	1,170	585	...	...	...	...	585	
Poon " ... ..	51	3,301	2,475	...	...	...	...	2,475	
Aini " ... ..	6	247	123	...	...	...	...	123	
Junglewood logs ... ..	59	3,109	972	...	...	...	...	972	
Total..	1,055	25,071	14,220	...	...	...	...	14,220	
<b>SOUTH COORG DIVISION</b>									
<i>Timber.</i>									
<i>Hunsur Depot.</i>									
Teak logs ... ..	1,651	22,826	22,600	295	7,113	10,000	...	12,000	
" poles ... ..	10	13	5	...	...	...	...	5	
Honne logs ... ..	123	2,472	900	26	493	500	...	400	
Biti " ... ..	70	1,354	3,400	52	981	1,400	...	2,000	
Matti " ... ..	218	4,322	2,300	118	2,809	2,800	500	...	
Nandi " ... ..	277	4,903	1,200	47	901	500	...	700	
Ar. teak ... ..	2	61	15	...	...	...	...	15	
Total..	2,951	35,951	29,820	538	12,297	15,200	500	15,120	
<i>Tittimatti Depot (Sawn timber).</i>									
Teak ... ..	...	2,741	2,700	...	...	...	...	2,700	
Honne ... ..	...	1,475	1,100	...	...	...	...	1,100	
Nandi ... ..	...	738	350	...	...	...	...	350	
Biti ... ..	...	23	30	...	...	...	...	30	
Matti ... ..	...	25	25	...	...	...	...	25	
Total..	...	5,002	4,205	...	...	...	...	4,205	
<i>Mercara Depot (Sawn timber).</i>									
Teak ... ..	...	1,322	5,400	...	1,227	2,500	...	2,900	
" battens ... ..	...	220 Rft.	10	...	219 Rft.	5	...	5	
Hanne ... ..	...	403	1,000	...	271	300	...	700	
Nandi ... ..	...	1	2	...	1	1	...	1	
Rosewood ... ..	...	16	100	...	16	50	...	50	
Total..	...	1,742 220 Rft.	6,512	...	1,515 219 Rft.	2,856	...	3,656	

## FORM No. 23.

## FOREST DEPARTMENT, COORG.

Abstract showing the Value of Live and Dead-Stock for the year 1925-26.

Description of live and dead-stock.	On hand at commencement of the year.		On hand at close of the year.		Difference in value.		Remarks.
	No.	Value.	No.	Value.	In favour of the year.	Against the year.	
1	2	3	4	5	6	7	8
Elephants ... ..	19	Rs. 28,000	Live stock. 20	Rs. 29,000	1,000	...	
Buffaloes ... ..	15	1,350	12	1,080	...	270	
Bullocks ... ..	6	600	6	450	...	150	
Total live-stock.....	40	29,950	38	30,530	1,000	420	
<b>DIRECTION (NORTH) DIVISION.</b>							
<i>Dead stock.</i>							
Buildings ... ..	74	75,025	75	72,743	...	2,282	
Survey instruments ... ..	42	1,663	152	2,426	763	...	
Tools ... ..	3,884	1,29,243	4,566	1,22,969	...	6,274	
Furniture ... ..	599	2,316	792	2,310	...	6	
Crockery ... ..	169	261	378	255	...	80	
Tents ... ..	15	1,605	15	1,525	...	6	
Miscellaneous ... ..	709	12,780	1,032	12,833	53	...	
Total.....	5,402	2,22,893	6,950	2,15,061	816	8,648	
<b>SOUTH COORG DIVISION.</b>							
Buildings ... ..	42	32,668	40	28,289	...	4,379	
Survey instruments ... ..	32	200	32	190	...	10	
Tools ... ..	1,204	5,511	1,151	5,355	...	156	
Furniture ... ..	447	3,850	454	3,748	...	102	
Crockery ... ..	340	687	395	650	...	37	
Tents ... ..	2	380	1	130	...	250	
Miscellaneous ... ..	774	22,700	1,638	22,629	...	71	
Total.....	2,841	65,996	3,111	60,991	...	5,005	
Total dead-stock.....	8,243	2,88,889	10,061	2,76,052	816	13,653	
Grand Total.....							

## FORM No. 24.

## COORG FOREST, DIRECTION AND SOUTH DIVISION.

Summary of revenue and expenditure for 1925-26.

Budget heads.	Direction North Division.	South Coorg Division.	Total Revenue.
<b>REVENUE.</b>			
<b>I.—Timber and other produce removed from the forests by</b>	<b>Rs. A. P.</b>	<b>Rs. A. P.</b>	<b>Rs. A. P.</b>
Government agency—			
a. Timber ... ..	11,015 0 0	79,143 0 0	90,158 0 0
b. Firewood and charcoal ... ..	4,518 0 0	...	4,518 0 0
c. Bamboos ... ..	3 0 0	...	3 0 0
d. Sandalwood ... ..	3,79,441 0 0	...	3,79,441 0 0
e. Grass and other minor produce ... ..	...	...	...
<b>II.—Timber and other produce removed from the forests by</b>			
consumers or purchasers—			
a. Timber ... ..	7,409 0 0	16,237 0 0	23,646 0 0
b. Firewood and charcoal ... ..	955 0 0	568 0 0	1,523 0 0
c. Bamboos ... ..	1,736 0 0	505 0 0	2,241 0 0
d. Grazing and fodder grass ... ..	642 0 0	412 0 0	1,054 0 0
e. Other minor produce ... ..	5,157 0 0	473 0 0	5,630 0 0
f. Cardamom ... ..	14,872 0 0	16 0 0	14,888 0 0
g. Commutation fees ... ..	...	...	...
<b>III.—Drift and waif wood, and confiscated forest produce</b>	...	...	...
<b>IV.—Revenue from forests not managed by Government—</b>			
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
<b>V.—Miscellaneous—</b>			
a. Fines and forfeitures ... ..	...	...	...
b. Other sources ... ..	15,435 0 0	3,313 0 0	18,748 0 0
Total Revenue.....	4,41,183 0 0	1,00,661 0 0	5,41,844 0 0
Deduct Refunds*.....	3,498 0 0	...	3,498 0 0
Net revenue.....	4,37,685 0 0	1,00,661 0 0	5,38,346 0 0

\*Sandal wood ... .. Rs. 3,139 0 0  
 Timber II (a) ... .. 59 0 0  
 Canes II (e) ... .. 300 0 0

Rs. 3,498 0 0

FORM No. 24.—(Cont.)  
FOREST DEPARTMENT, COORG.

Summary of revenue and expenditure for 1925—26.

Budget heads.	Direction North Division.	South Coorg Division.	Total Expenditure.
<b>EXPENDITURE.</b>			
<b>A.—CONSERVANCY AND WORKS.</b>			
I.—Timber and other produce removed from the forests by Government agency—	Rs. A. P.	Rs. A. P.	Rs. A. P.
a. Timber ... ..	15,618 0 0	20,845 0 0	36,463 0 0
b. Firewood and charcoal ... ..	2,666 0 0	...	2,666 0 0
c. Bamboos ... ..	17 0 0	...	17 0 0
d. Sandalwood ... ..	20,942 0 0	571 0 0	21,513 0 0
e. Grass and other minor produce ... ..	...	...	...
II.—Timber and other produce removed from the forests by consumers or purchasers ... ..	...	...	...
III.—Drift and waif wood and confiscated forest produce ... ..	...	...	...
IV.—Revenue from forests not managed by Government—	...	...	...
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
V.—Rent of leased forests and payments to shareholders in forests managed by Government ... ..	...	...	...
VI.—Live-stock, stores, tools and plant—	...	...	...
a. Purchase of cattle ... ..	2,283 0 0	1,184 0 0	3,467 0 0
b. Feed and keep of cattle ... ..	4,963 0 0	16,965 0 0	21,948 0 0
c. Purchase of stores, tools and plant ... ..	450 0 0	13 0 0	463 0 0
VII.—Communications and buildings—	...	...	...
a. Roads and bridges ... ..	3,671 0 0	2,861 0 0	6,432 0 0
b. Buildings ... ..	2,832 0 0	2,475 0 0	5,307 0 0
c. Other works ... ..	1,151 0 0	357 0 0	1,508 0 0
VIII.—Organization, improvement and extension of forests—	...	...	...
a. Demarcation ... ..	582 0 0	153 0 0	735 0 0
b. Cost of forest settlements; compensation for land & rights ... ..	...	...	...
c. Surveys ... ..	...	...	...
d. Working-plans ... ..	4,566 0 0	48 0 0	4,614 0 0
e. Sowing and planting ... ..	12,369 0 0	614 0 0	12,983 0 0
f. Protection from fire ... ..	2,557 0 0	3,655 0 0	6,212 0 0
g. Other works ... ..	1,012 0 0	103 0 0	1,115 0 0
IX.—Miscellaneous—	...	...	...
a. Law charges ... ..	35 0 0	2 0 0	37 0 0
b. Grain compensation allowance ... ..	...	...	...
c. Other charges ... ..	3,547 0 0	1,174 0 0	4,721 0 0
X.—Suspense work advance—	1,188 0 0	8 0 0	1,196 0 0
Total A.—Conservancy and Works.....	80,326 0 0	51,028 0 0	1,31,354 0 0
<b>A.—CAPITAL WORKS.</b>			
I.—Timber and other produce removed from the forests by Government agency—	...	...	...
a. Timber ... ..	358 0 0	...	358 0 0
b. Firewood and charcoal ... ..	...	...	...
c. Bamboos ... ..	...	...	...
d. Sandalwood ... ..	...	...	...
e. Grass and other minor produce ... ..	...	122 0 0	122 0 0
II.—to V.—	...	...	...
VI.—Live-stock, stores, tools and plant—	...	...	...
a. Purchase of cattle ... ..	...	...	...
b. Feed and keep of cattle ... ..	...	...	...
c. Purchase of stores, tools and plant ... ..	810 0 0	68 0 0	878 0 0
VII.—Communications and buildings—	...	...	...
a. Roads and bridges ... ..	6,770 0 0	2,423 0 0	9,193 0 0
b. Buildings ... ..	4,632 0 0	2,536 0 0	7,168 0 0
c. Other works ... ..	...	226 0 0	226 0 0
VIII.—Organization, improvement and extension of forests—	...	...	...
a. Demarcation ... ..	710 0 0	...	710 0 0
b. Cost of forest settlements; compensation for land and rights... ..	...	...	...
c. Surveys ... ..	...	...	...
d. Working-plans ... ..	...	...	...
e. Sowing and planting ... ..	791 0 0	2,941 0 0	3,732 0 0
f. Protection from fire ... ..	...	...	...
g. Other works ... ..	...	349 0 0	349 0 0
IX.—Miscellaneous—	...	...	...
a. Law charges ... ..	...	...	...
b. Grain compensation allowance ... ..	...	...	...
c. Other charges ... ..	...	...	...
Total A.—Capital Works.....	14,271 0 0	8,665 0 0	22,936 0 0
<b>B.—ESTABLISHMENTS.</b>			
I.—Pay of Officers—	...	...	...
Conservators ... ..	...	...	...
Superior officers ... ..	22,044 0 0	7,608 0 0	29,652 0 0
II.—Pay of Establishments—	...	...	...
Subordinate forest and depot establishments ... ..	41,774 0 0	20,343 0 0	62,117 0 0
Office establishments ... ..	12,423 0 0	6,512 0 0	18,935 0 0
III.—Allowances and Honoraria, etc.—	...	...	...
Deputation and special allowances ... ..	9,792 0 0	5,025 0 0	14,817 0 0
Travelling allowances ... ..	11,112 0 0	5,051 0 0	16,163 0 0
IV.—Contingencies—	...	...	...
Stationery ... ..	...	...	...
Carriage of tents and records ... ..	128 0 0	...	128 0 0
Rents, rates and taxes ... ..	303 0 0	20 0 0	323 0 0
Official postage ... ..	1,386 0 0	985 0 0	2,371 0 0
Sundries ... ..	1,075 0 0	64 0 0	1,139 0 0
Total B.—Establishments.....	1,00,037 0 0	45,608 0 0	1,45,645 0 0
Grand Total of all Expenditure.....	1,94,634 0 0	1,05,301 0 0	2,99,935 0 0

G. C. ROBINSON,  
Chief Forest Officer.

## FORM No. 24.—(SUPPLEMENTAL.)

## FOREST DEPARTMENT, COORG DIRECTION DIVISION.

Summary of revenue and expenditure for 1925—26, showing separately the figures relating to lands managed by the forest department and to lands not managed by the forest department.

Budget Heads.	Lands managed by the Forest Department.	Lands not managed by the Forest Department.	Total as per Form 24.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
<b>REVENUE.</b>			
<b>I.—Timber and other produce removed from the forests by Government agency—</b>			
a. Timber ... ..	11,015 0 0	...	11,015 0 0
b. Firewood and charcoal ... ..	4,518 0 0	...	4,518 0 0
c. Bamboos ... ..	3 0 0	...	3 0 0
d. Sandalwood ... ..	3,79,441 0 0	...	3,79,441 0 0
e. Grass and other minor produce ... ..	...	...	...
<b>II.—Timber and other produce removed from the forests by consumers or purchasers—</b>			
a. Timber ... ..	4,474 0 0	2,935 0 0	7,409 0 0
b. Firewood and charcoal ... ..	476 0 0	479 0 0	955 0 0
c. Bamboos ... ..	1,520 0 0	216 0 0	1,736 0 0
d. Grazing and Fodder grass ... ..	642 0 6	...	642 0 0
e. Other minor produce ... ..	5,157 0 0	...	5,157 0 0
f. Cardamom ... ..	14,872 0 0	...	14,872 0 0
g. Commutation fees ... ..	...	...	...
<b>III.—Drift and waif wood and confiscated forest produce ... ..</b>			
<b>IV.—Revenue from forests not managed by Government—</b>			
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
<b>V.—Miscellaneous—</b>			
a. Fines and forfeitures ... ..	...	...	...
b. Other sources ... ..	15,435 0 0	...	15,435 0 0
* Sandalwood ... Rs. 3,139 0 0			
Timber (R II a) ... ..	59 0 0		
Canes (R II c) ... ..	300 0 0		
..	3,498 0 0		
Total revenue ...	4,37,553 0 0	3,630 0 0	4,41,183 0 0
Deduct Refunds* ...	3,498 0 0	...	3,498 0 0
<b>NET REVENUE ...</b>	<b>4,34,055 0 0</b>	<b>3,630 0 0</b>	<b>4,37,685 0 0</b>
<b>EXPENDITURE.</b>			
<i>A.—Conservancy and Works.</i>			
<b>I.—Timber and other produce removed from the forests by Government agency—</b>			
a. Timber ... ..	15,976 0 0	...	15,976 0 0
b. Firewood and charcoal ... ..	2,606 0 0	...	2,606 0 0
c. Bamboos ... ..	17 0 0	...	17 0 0
d. Sandalwood ... ..	20,942 0 0	...	20,942 0 0
e. Grass and other minor produce ... ..	...	...	...
<b>II.—Timber and other produce removed from the forests by consumers or purchasers ... ..</b>			
<b>III.—Drift and waif wood and confiscated forest produce ... ..</b>			
<b>IV.—Revenue from forests not managed by Government—</b>			
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
<b>V.—Rent of leased forests and payments to share-holders in forests managed by Government ... ..</b>			
<b>VI.—Live-stock, stores, tools and plant—</b>			
a. Purchase of cattle ... ..	2,283 0 0	...	2,283 0 0
b. Feed and keep of cattle ... ..	4,983 0 0	...	4,983 0 0
c. Purchase of stores, tools and plant ... ..	1,260 0 0	...	1,260 0 0
<b>VII.—Communications and buildings—</b>			
a. Roads and bridges ... ..	10,341 0 0	...	10,341 0 0
b. Buildings ... ..	7,664 0 0	...	7,664 0 0
c. Other works ... ..	1,151 0 0	...	1,151 0 0
<b>VIII.—Organization, improvement and extension of forests—</b>			
a. Demarcation ... ..	1,292 0 0	...	1,292 0 0
b. Cost of forest settlements; compensation for land and rights ... ..	...	...	...
c. Surveys ... ..	...	...	...
d. Working-plans ... ..	4,586 0 0	...	4,586 0 0
e. Sowing and planting ... ..	13,157 0 0	...	13,157 0 0
f. Protection from fire ... ..	2,557 0 0	...	2,557 0 0
g. Other works ... ..	1,012 0 0	...	1,012 0 0
<b>IX.—Miscellaneous—</b>			
a. Law charges ... ..	35 0 0	...	35 0 0
c. Other charges ... ..	3,547 0 0	...	3,547 0 0
<b>X.—Suspense work advance ... ..</b>			
	1,188 0 0	...	1,188 0 0
Total A—Conservancy and Works ...	94,597 0 0	...	94,597 0 0

## FORM No. 24.—(SUPPLEMENTAL.)—cont.

## FOREST DEPARTMENT, SOUTH COORG DIVISION.

Summary of revenue and expenditure for 1925—26, showing separately the figures relating to lands managed by the forest department and to lands not managed by the forest department.

Budget heads.	Lands managed by the Forest Department.	Lands not managed by the Forest Department.	Total as per Form 24.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
<b>REVENUE.</b>			
<b>I.—Timber and other produce removed from the forests by Government agency—</b>			
a. Timber ... ..	79,143 0 0	...	79,143 0 0
b. Firewood and charcoal ... ..	...	...	...
c. Bamboos ... ..	...	...	...
d. Sandalwood ... ..	...	...	...
e. Grass and other minor produce ... ..	...	...	...
<b>II.—Timber and other produce removed from the forests by consumers or purchasers—</b>			
a. Timber ... ..	12,407 0 0	3,830 0 0	16,237 0 0
b. Firewood and charcoal ... ..	41 0 0	527 0 0	568 0 0
c. Bamboos ... ..	461 0 0	44 0 0	505 0 0
d. Grazing and Fodder grass ... ..	381 0 0	31 0 0	412 0 0
e. Other minor produce ... ..	478 0 0	...	478 0 0
f. Cardamom ... ..	10 0 0	...	10 0 0
g. Commutation fees ... ..	...	...	...
<b>III.—Drift and waif wood and confiscated forest produce</b> ... ..	...	...	...
<b>IV.—Revenue from forests not managed by Government—</b>			
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
<b>V.—Miscellaneous—</b>			
a. Fines and forfeitures ... ..	...	...	...
b. Other sources ... ..	3,313 0 0	...	3,313 0 0
Total revenue ... ..	96,229 0 0	4,432 0 0	1,00,661 0 0
Deduct Refunds ... ..	...	...	...
<b>NET REVENUE</b> ... ..	96,229 0 0	4,432 0 0	1,00,661 0 0
<b>EXPENDITURE.</b>			
<i>A—Conservancy and Works.</i>			
<b>I.—Timber and other produce removed from the forests by Government agency—</b>			
a. Timber ... ..	20,845 0 0	...	20,845 0 0
b. Firewood and charcoal ... ..	...	...	...
c. Bamboos ... ..	...	...	...
d. Sandalwood ... ..	571 0 0	...	571 0 0
e. Grass and other minor produce ... ..	122 0 0	...	122 0 0
<b>II.—Timber and other produce removed from the forests by consumers or purchasers</b> ... ..	...	...	...
<b>III.—Drift and waif wood and confiscated forest produce</b> ... ..	...	...	...
<b>IV.—Revenue from forests not managed by Government—</b>			
a. Duty on foreign timber and other forest produce ... ..	...	...	...
b. Revenue from shared and private forests ... ..	...	...	...
<b>V.—Rent of leased forests and payments to share-holders in forests managed by Government</b> ... ..	...	...	...
<b>VI.—Live-stock, stores, tools and plant—</b>			
a. Purchase of cattle ... ..	1,184 0 0	...	1,184 0 0
b. Feed and keep of cattle ... ..	16,965 0 0	...	16,965 0 0
c. Purchase of stores, tools and plant ... ..	81 0 0	...	81 0 0
<b>VII. Communications and buildings—</b>			
a. Roads and bridges ... ..	5,284 0 0	...	5,284 0 0
b. Buildings ... ..	5,011 0 0	...	5,011 0 0
c. Other works ... ..	583 0 0	...	583 0 0
<b>VIII.—Organization, improvement and extension of forests—</b>			
a. Demarcation ... ..	153 0 0	...	153 0 0
b. Cost of forest settlements; compensation for land and rights ... ..	...	...	...
c. Surveys ... ..	...	...	...
d. Working-plans ... ..	48 0 0	...	48 0 0
e. Sowing and planting ... ..	3,555 0 0	...	3,555 0 0
f. Protection from fire ... ..	3,655 0 0	...	3,655 0 0
g. Other works ... ..	452 0 0	...	452 0 0
<b>IX.—Miscellaneous—</b>			
a. Law charges ... ..	2 0 0	...	2 0 0
b. Grain compensation allowance ... ..	...	...	...
c. Other charges ... ..	1,174 0 0	...	1,174 0 0
<b>X.—Suspense work advance</b> ... ..	8 0 0	...	8 0 0
<b>Total A—Conservancy and Works</b> ... ..	59,693 0 0	...	59,693 0 0



## FORM No. 26.

## FOREST DEPARTMENT, COORG.

Revenue received and outstandings on account of revenue for 1925-26.

Division	Particulars.	Outstandings at commencement of the year.			Value of sales and other revenue during the year.			Total.	Amount realized during the year.			Balance due to the department at the end of the year.			Remarks.		
		Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.			
Direction (North) Division	R I. a. Timber ...	...	...	...	12,603	0	0	12,603	0	0	11,015	0	0	1,588	0	0	Vide details in Form No. 24. (a) Less Rs. 3,498 being deductions from revenue on account of refunds— (b) Represents actual amount realized as per Form No. 24. (c) Represents value of timber confiscated, &c.
	b. Firewood and charcoal ...	...	...	...	4,896	0	0	4,896	0	0	4,518	0	0	378	0	0	
	c. Bamboos ...	...	...	...	3	0	0	3	0	0	3	0	0	...	...	...	
	d. Sandalwood ...	...	...	...	55,011	0	0	3,24,430	0	0	3,79,441	0	0	...	...	...	
	e. Grass and other minor produce ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	R II. a. Timber ...	...	...	...	7,775	0	0	7,775	0	0	7,409	0	0	366	0	0	
	b. Firewood and charcoal ...	...	...	...	984	0	0	984	0	0	955	0	0	29	0	0	
	c. Bamboos ...	...	...	...	1,798	0	0	1,798	0	0	1,736	0	0	62	0	0	
	d. Grazing and fodder grass ...	...	...	...	644	0	0	644	0	0	642	0	0	2	0	0	
	e. Other minor produce ...	...	...	...	5,360	0	0	5,360	0	0	5,157	0	0	203	0	0	
f. Cardamom ...	...	...	...	26,381	0	0	26,381	0	0	14,572	0	0	11,509	0	0		
R V. a. Fines & forfeitures ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	b. Other sources ...	...	...	...	15,499	0	0	15,499	0	0	15,435	0	0	64	0	0	
	Total.....	55,011	0	0	4,00,373	0	0	4,55,384	0	0	4,41,183	0	0	14,201	0	0	
South Coorg Division.	R I. a. Timber ...	681	0	0	86,925	0	0	87,606	0	0	(b) 79,143	0	0	7,937	0	0	
	b. Firewood and charcoal ...	...	...	...	...	...	...	...	...	(c) 526	0	0	...		...	...	
	c. Bamboos ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	d. Sandalwood ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	e. Grass and other minor produce ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	R II. a. Timber ...	27	0	0	17,226	0	0	17,253	0	0	16,237	0	0	1,016	0	0	
b. Firewood and charcoal ...	...	...	...	568	0	0	568	0	0	568	0	0	...	...	...		
c. Bamboos ...	...	...	...	556	0	0	556	0	0	505	0	0	51	0	0		
d. Grazing and fodder grass ...	...	...	...	412	0	0	412	0	0	412	0	0	...	...	...		
e. Other minor produce ...	...	...	...	473	0	0	473	0	0	473	0	0	...	...	...		
f. Cardamom ...	...	...	...	10	0	0	10	0	0	10	0	0	...	...	...		
R V. a. Other sources ...	188	0	0	3,125	0	0	3,313	0	0	3,313	0	0	...	...	...		
	Total. ....	896	0	0	1,09,295	0	0	1,10,191	0	0	1,01,187	0	0	9,004	0	0	
	Grand Total.....	55,907	0	0	5,09,668	0	0	5,65,575	0	0	5,42,370	0	0	23,205	0	0	

G. C. ROBINSON,  
Chief Forest Officer.

## FORM No. 27.

## FOREST DEPARTMENT, COORG.

Outstandings and liabilities on account of contractors and disbursers for the year 1925-26.

Division.	Department debtor			Department creditor.			Balance due.			Remarks.																
	Opening balance.	Recoveries in cash and value of supplies and work done during the year.	Total.	Opening balance.	Payments made during year.	Total.	To department, (outstandings).	By department, (liabilities).																		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.																	
North Coorg	...	...	...	1464	9	6	4146	409	6	4	8520	15	2	14167	1	4	150195	0	6	3785	10	2	...			
																							...			
South Coorg	...	...	...	972	47	10	4	972	47	10	4	14,544	4	7	8485	9	3	9389	13	10	2147	3	6	...		
																								...		
Total.....	...	...	...	2436	57	0	8	2436	57	0	8	2311	3	9	2365	19	10	7	24366	4	14	4	6007	13	8	...

\* Rs. 50 adjusted by debit to Forest advances with reference to your reply to this office. Further remarks dated 19-3-25 and noted by you in your Dis. No. 20 E/24, dated 5-5-25 has not yet been accounted for. This amount must therefore be added to the debit of Forest advance in your current account.

Rs. 25 shown as balance of advance to contractor L. Khader Badsha in your accounts for May 1925 and recovered from him in August 1925 has been debited and credited to 8-A IX Suspense work advances in May 1925 and August 1925, whereas the balance in April 1925 is under "Forest advanced." Hence an alteration memo transferring crediting Suspense work advances and debiting Forest advance may be prepared and sent to this office making the corrections in your current account.

P. G. SHAH,  
Deputy Accountant-General.