Proceedings of the Madras Government, Revenue Department, 27th October 1873.

No. 287. Read the following letter from the Conservator of Forests, dated 10th June 1872:—

ABSTRACT.—Submitting report on the Forest operations for the official year 1871-72.

No. 288. ORDER THEREON, 27th October 1873, No. 1,194.

Forests, No. 14.

Receipts.		
Sale of timber from depôts ...		1,16,187
Sale of timber, etc., from forests ...		1,73,725
Value of timber supplied to Department Public Works, etc... ...		84,317
Permit fees, rent of jungles, etc.		35,281
Sale of minor forest-produce ...		4,659
Sale of confiscated drift and waif timber		2,877
Fines and forfeitures		103
Miscellaneous		1,734
		4,18,883
Expenditure.		
Felling operations		93,311
Purchase and keep of elephants, cattle, etc...		22,631
Rent, etc., of leased forests ...		9,177
Plantations		49,936
Communications		14,516
Miscellaneous forest expenditure ...		5,243
		1,94,814
Establishment.		RS.
Salaries		1,23,402
Travelling allowance		19,125
Contingencies		8,376
		3,45,717

THE receipts for the year under review amounted to Rs. 4,18,883, and the expenditure to Rs. 3,45,717, as marginally noted. The excess of revenue over expenditure was thus Rs. 73,166, and, if to this be added the net increase in the value of the stock in hand, which is estimated at Rs. 4,960, the clear gain derived from the year's operations amounts to Rs. 78,126,—a result which is satisfactory if it has been clearly borne in mind in all ranges that the Government are anxious that conservancy should not suffer from an undue importance being attached to financial results.

2. The subjoined table is an abstract of the felling operations in the districts in which the Forest Department was at work in the year 1871-72, as shown in paragraph 85 of the (late) Conservator's report:—

——		Departmentally.	On License.	Free.	Total.
Timber...	(cubic feet)	90,169	4,05,655	1,30,996	6,26,820
Firewood	(tons)	.....	18,905	663	19,568
Railway fuel	(do.)	26,803	.....	.....	26,803
Charcoal	(do.)	.....	.....	.....	2,376
Bamboos	(cart-loads)	.....	28,985	4,136	33,121
Brushwood	(do.)	.....	.....	.....	241
Sandalwood	(maunds)	14,528	.....	.....	14,528
Red Sanders	(lbs.)	7,85,925	.....	.....	7,85,925

3. The Government observe that, in the statement from which the above was taken, no felling operations are shown in the Nellumboor plantations, although timber-saplings and bamboos, to the value of Rs. 17,928, appear in Statement B, received from that range, as felled during the year under review. From Canara also Statement B, shows fifty-eight poon-spars, valued at Rs. 2,900, which are not entered in the Conservator's statement; while, on the other hand, the timber, shown by the Conservator as felled departmentally in the Annamallai forests, is more than double the amount entered in the range accounts. No bamboos are shown as felled departmentally in the Head Office statement, yet floating operations could hardly have been carried on without them, and, on reference to the returns from the ranges, 42,753 bamboos are found to have been felled in Canara, at rates ranging from Rs. 1½ to Rs. 3, while 9,130 are entered in the Nellumboor Statement B. The firewood taken from the Canara forests for Sandalwood stills also appear only in the range accounts, although the amount felled was 1,75,134 head-loads. No reference is made in the report to these discrepancies between the local and Head Office accounts. The particular attention of the Inspector of Forests will be directed to the subject.

4. A detailed abstract of the financial statement given in the Conservator's report is subjoined, with columns added to show the percentage of profit or loss on departmental working.

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Range.	Departmental Sales.	License and Voucher, etc.	Miscellaneous.	Total Receipts.	Expenses of departmental Working.	Plantation, Conservancy, Purchase of Live-stock and Permanent Improvements.	Conservancy Establishment.	Miscellaneous.	General Establishment or supervision.	Total Expenditure.	Difference between Expenditure and Revenue.	Increase or Decrease in Stock.	Net Profit or Loss.	Results of Departmental felling operations excluding cost of supervision.	Share of Column 10 debitable to Departmental Working.	Results of departmental felling Operations including Cost of Supervision.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Gumsoor	614	3,660	36	4,310	461	36	672	.....	1,969	3,138	+ 1,172	— 310	+ 862	— 34·06	776	— 75·42
2. Kurnool	678	31,745	1,171	33,594	326	360	3,054	.....	3,571	7,311	+ 26,283	— 531	+ 25,752	— 54·90	311	— 76·92
3. Cuddapah and Bellary ...	16,307	38,480	543	55,330	2,085	12,748	3,867	.....	3,885	22,585	+ 32,745	— 13,624	+ 19,121	+ 28·68	433	+ 6·55
4. North Arcot	3,219	12,875	348	16,442	1,947	7,150	2,845	.....	3,400	15,342	+ 1,100	+ 2,055	+ 3,155	+ 170·88	554	+ 110·87
5. Salem	10,610	49,425	15,468	75,503	4,280	2,634	6,411	168	3,829	17,322	+ 58,181	+ 79	+ 58,260	+ 149·74	1,214	+ 94·56
6 South Arcot	1,711	3,034	76	4,821	1,408	839	1,000	16	2,532	5,795	— 974	+ 791	— 183	+ 77·69	1,092	+ ·08
7. Madura	4,304	10,024	330	14,658	3,681	1,483	2,598	9	4,189	11,960	+ 2,698	+ 1,024	+ 3,722	+ 44·74	1,985	— 5·96
8. Tinnevelly	5,948	9,992	4,048	19,988	10,931	2,103	3,847	1,701	5,994	24,576	— 4,588	+ 11,209	+ 6,621	+ 56·95	3,526	+ 18·67
9. Trichinopoly	.....	.....	.....	.....	.....	6,300	2,832	.....	.....	9,132	— 9,132	.....	— 9,132	.....	.....	.....
10. Mudumallai	21,300	27	201	21,528	23,656	5,253	396	.....	15,216	44,521	— 22,993	— 5,201	— 28,194	— 31·95	12,283	— 55·20
11. Annamallai	54,009	2,447	361	56,817	23,403	5,649	2,361	.....	6,727	38,140	+ 18,677	— 84	+ 18,593	+ 130·42	5,012	+ 89·77
12. Bolumputty	4,258	3,380	.....	7,638	1,933	5,039	2,227	.....	552	9,751	— 2,113	+ 100	— 2,013	+ 125·45	116	+ 112·69
13. Seegoor	19,161	1,155	1,511	21,827	6,605	1,934	.....	.....	380	8,919	+ 12,908	— 5,229	+ 7,679	+ 110·93	294	+ 101·94
14. Bhowany	12,780	2,667	956	16,403	14,099	5,619	.....	.....	873	20,591	— 4,188	+ 7,732	+ 3,544	+ 45·48	624	+ 39·32
15. Collegal	16,500	544	975	18,019	6,959	3,889	.....	.....	426	11,274	+ 6,745	— 1,301	+ 5,444	+ 118·40	273	+ 110·16
16. Mettapolliem	.....	214	.....	214	93	.....	.....	48	5	146	+ 68	.....	+ 68	— 100·00	3	— 100·00
17. Wynaad	1,829	8	.....	1,837	5,384	101	1,119	.....	3,915	10,519	— 8,682	— 3,326	— 12,008	— 127·80	3,192	— 117·45
18. Nellumbur	8,389	120	.....	8,509	11,322	8,704	2,897	.....	4,615	27,538	— 19,029	+ 8,516	— 10,513	+ 49·31	2,279	+ 24·92
19. South Canara	18,888	3,682	18,619	41,189	12,727	1,409	3,153	82	8.741	26,112	+ 15,077	+ 3,060	+ 18,137	+ 72·45	6,404	+ 14·72
20. Golgondah	.....	246	10	256	.....	.....	757	.....	.....	757	— 501	.....	— 501	.....	.....	.....
21. Central Office	.....	.....	.....	.....	.....	.....	.....	.....	30,288	30,288	— 30,288	.....	— 30,288	.....	.....	.....
	2,00,505	1,73,725	44,653	4,18,883	1,31,300	71,250	40,036	2,024	1,01,107	3,45 ,717	+ 73,166	+ 4,960	+ 78,126	+ 56·48	54,271	+ 10·72
Add value of permanent improvements (column 7) ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71,250	.....	.....	.....
Gain from years' operations ...	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	1,49,376	.....	.....	.....
Percentage of the above to expenditure	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43·27	.....	.....	.....

N.B.—Column 13 includes increase and decrease from re-valuation as well as from additions to stock and sales.

Column 15 is percentage resulting from column 2 + column 13, compared with column 6.

To obtain column 16; $\frac{\text{Cost of Supervision chargeable to departmental Working}}{\text{Total Cost of Supervision.}} = \frac{\text{Expenses of departmental Working.}}{\text{Total expenditure, Excluding Supervision}}$ or $\frac{\text{Column 16}}{\text{Column 10}} = \frac{\text{Column 6.}}{\text{Column 6 + column 7 + column 8 + column 9.}}$

Column 17 is the percentage resulting from column 2 + column 13, compared with column 6 + column 16.

5. From the above, it is seen that the sale of timber, etc., felled departmentally, with the increase in stock at the end of the year, resulted in a profit of 56·48 per cent. on the working expenses, including special petty establishment, but excluding general superintendence charges. It is difficult to divide these latter into working, planting, conservancy, and miscellaneous charges; but it may fairly be assumed that the departmental working of the forests may be debited with a share of the supervision charges, bearing the same ratio to the total supervision charges as the felling and depôt expenditure bears to the other forest expenditure. Columns 16 and 17 of the abstract have been prepared on this principle, and the result shows that, for the whole Presidency, the profit from departmental working amounts to 10·72 per cent. of the expenditure, including a share of the cost of general supervision. This is certainly not a very high rate of profit, but there is no doubt that *very* much more departmental felling can be carried out, without largely increasing the superior establishment, in which case the profits would be proportionately larger.

6. In the five ranges marginally noted, the mere felling, transport, and special petty establishment charges have exceeded the amounts realized by departmental working, and in Madura, where the profit on the mere working is considerable, a deficit is found when the cost of supervision is also looked to. In the case of the Mettapolliem and Wynaad ranges (and to a certain extent in Mudumallai also), a satisfactory reason exists for the apparently heavy percentage of loss which will be remarked on more fully when dealing with the ranges individually. It is to be noted that in some districts departmental working appears to be a failure through merchants being able to obtain timber on the license and voucher system on such terms as to be able to under-sell the department. This is an avoidable cause of loss, which should not be permitted to occur. The Government have always been disposed to regard favourably the extension of departmental felling, as being the system most conducive to an efficient conservancy; but a consideration of its results in the year under review leads them to the conclusion that it must be undertaken with great caution, and cannot be universally applied.

Gumsoor, Kurnool, Mudumallai, Mettapolliem, and Wynaad.

7. It appears to them that real forest, containing valuable timber trees, should invariably be worked departmentally, and ordinary jungles generally on the license voucher system. In the latter case, the precaution of marking the trees to be cut, or, where general felling takes place, indicating those to be reserved, must be taken, as it is to the neglect of such precautions that most of the evils attending the system appear attributable.

8. The character of what are, for convenience' sake, generally called "forests" varies so greatly that the Government cannot do more than enunciate the general principle. Its application they must leave to their officers, and would invite the particular attention of the Board of Revenue and the Inspector of Forests to the foregoing remarks. From the statement accompanying the present report, the Government are unable to gather accurate information as to the aggregate acreage and financial position of the fuel reserves and plantations in the Presidency. A

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statement in the following form should, in future, accompany the report from each district.

Name of Plantation or Reserve.	Date of Establishment.	Extent.	Expenditure up to Date.	Expenditure during year.	Receipts.	Remarks.
1						
2						
3						
4						

9. *Gumsoor and Suradah (Ganjam).*—The receipts of this range amounted to Rs. 4,310, and the expenditure to Rs. 3,138. There was a decrease of stock to the extent of Rs. 310, and, adding this to the expenditure, the net surplus of the year amounts to Rs. 862, against Rs. 2,749 last year. The small financial results are said to be owing, to a great extent, to want of water for rafting, preventing applications for licenses; but the Government observe that 36,590 cubic feet of Sâl were removed on the license and voucher system during the year. For this Rs. 2,786 were realized, being about one Anna three Pies per cubic foot. The average price realized at the depôt sales was three Annas eleven Pies. The mere departmental working in this range was carried on at a loss of 34·06 per cent. on the working expenditure, which leads to the presumption that the department is under-sold by the merchants obtaining timber on seigniorage. The particular attention of the Collector is called to this point as well as to Mr. McCally's remarks on the destruction of Myrabolane trees, and the needless drain on the forests resulting from the annual fires among the Ooriahs in Gumsoor. An enhancement of seigniorage rates for merchants need not affect the prices charged to ryots desirous of using the timber on the spot.

10. *Kurnool.*—This range was under the charge of several officers during the year under review. The Assistant Conservator, whose report is submitted, joined the range towards the close of the year only.

11. The net surplus of the year amounted to Rs. 25,752, the receipts having been as high as Rs. 33,594, against an expenditure of Rs. 7,311. The sum of Rupees 27,542 appears in Statement E as realized by seigniorage on wood, and, from the body of the report, it appears that this amount was levied on 13,808 bandy-loads of timber; the average rate being thus rather under Rs. 2 per bandy-load, against Rs. 2-8-0 realized last year. With Colonel Morgan's explanation that no bamboos were used in floating, the Government are not astonished to learn that the wood sank to the bottom of the canal, and that, under the circumstances, the Assistant Conservator arrived at the conclusion that carting was cheaper.

12. *Cuddapah.*—The receipts of the Cuddapah range, according to the Conservator's accounts, amounted to Rs. 55,330, and the expenditure to Rs. 22,585; but, as the decrease in the value of stock was Rs. 13,624, the year's profits only

amounted to Rs. 19,121, against Rs. 29,087 last year, and Rs. 36,303 in 1869-70. The falling off in the financial results is, however, chiefly owing to the decrease in the stock in hand, and is not to be regretted, as timber kept too long in depôt only deteriorates. In this range, a quantity of timber valued at Rs. 970 when stored was sold off by auction this year for Rs. 177. The Collector is requested to explain the delay in handing over those of the railway fuel reserves referred to in the Assistant Conservator's report. The arrangement by which the Railway Company paid one rupee to the department for every 1,000 lbs. of fuel supplied by the contractor appears to have worked satisfactorily, but it is doubtful whether this plan will answer equally well when the contractor is working the Shrotriyamdar's jungles at the same time as the Government reserves; and the attention of the Collector is drawn to Colonel Morgan's remarks that probably departmental working may be found the best way of supplying railway fuel.

13. The fuel plantations seem to be progressing favourably, but the Government incline to agree with Colonel Morgan in thinking that reserves rather than plantations must be looked to for the supply of railway fuel. They do not, however, undervalue the benefits to be expected from plantations, and are glad to observe that Mr. Yarde has devoted so much care to their development. The operations in the Cuddapah Range during the year under review appear to have been satisfactory, notwithstanding the difficulties arising from the grazing rights of the villagers.

14. *North Arcot.*—A very satisfactory report on this range is submitted by Mr. Sheffield, the Assistant Conservator in charge. The receipts amounted to Rs. 16,442, and the expenditure to Rs. 15,342, leaving a balance in favour of the department of Rs. 1,100, which, with an increase of Rs. 2,055 in the value of the stock in hand, brings up the year's profits to Rs. 3,155. This is certainly less than was realized last year; but the forests have gained by the substitution of departmental felling for the license and voucher system in respect of all but timber fit only for firewood, and by an increased expenditure of Rs. 2,522 on plantations which promise to be very successful in this district. They are six in number, aggregating 968 acres in extent. Though some of them are only partially planted up, they contained, at the end of the year, 1,43,500 established Casuarina plants, many of which seem to have grown with astonishing rapidity. The Government note Colonel Morgan's opinion that the tree may be found to sell well for building timber. Of the two fuel reserves referred to in G. O., dated 30th May 1871, No. 954, that at Manandur, measuring nearly four square miles, has been enclosed; but the Assistant Conservator reports that further operations at Amboor were stopped by the Collector after the demarcation and survey had been nearly completed. An early report is requested as to the circumstances which led to the Collector's interference at so late a period. It is to be hoped that a satisfactory settlement of all difficulties has been arrived at by this time. The financial results of the commencement made in departmental felling appear to have been particularly satisfactory. Rs. 3,218 were realized by sales from the depôt, while the whole amount thus sold was replaced and additional timber, to the value of Rs. 2,054, brought to the depôt at an expenditure of Rs. 1,922. The attention of the

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Collector is drawn to Mr. Sheffield's remarks on the character of his peons. If they are incompetent, they should be got rid of.

15. *Salem.*—The receipts for the year amounted to Rs. 75,503, and the expenditure, less increase in stock, to Rs. 17,243, so that the year's profits amounted to Rs. 58,260. The profits are very high, far in excess of those realized in any other range; but the Government regret that they are, to some extent, the result of keeping the expenditure on plantations so low as to lead to a partial failure of operations. The attempts made to improve the railway fuel reserves by broad-cast planting appear also to have been far from successful, but the Government note that Colonel Morgan is of opinion that the system should be persevered in. Much good will doubtless result from fencing in the reserves as contemplated, and the revenue yearly accruing from this source will amply justify a great increase in the expenditure under this head, so as to render the supply permanent. Some more detailed information should be afforded, with reference to the removal of 25,790 cubic feet of timber from the Denkincottah forest under free passes. Possibly a portion of this might have been more correctly classed as firewood. The attention of the Collector is called to to Mr. Brougham's proposal in paragraph 36, with reference to farming out firewood and bamboo jungles. It must be borne in mind that the interests of the contractor are antagonistic both to the interests of Government and of the ryots, and the system, if introduced, must be worked with great caution. The Government desire to be furnished with full particulars of the system as now followed.

16. *South Arcot.*—In this range, the year's receipts amounted to Rs. 4,821, and the expenditure to Rs. 5,795, or Rs. 974 in excess of the receipts. But as there was an addition of Rs. 791 to the value of the stock, the deficit only amounted to Rs. 183. The most important forest-work in this range for the present is in connection with the local and railway fuel reserves. Four of the former, aggregating about 18,000, have been under general supervision by the forest establishment during the year, and in the case of three of them the boundaries have been settled and village rights investigated. The Government desire to be furnished with a copy of the proposed rules defining these rights. The operation at the Ginjee fuel reserves appear to have been fairly successful. The attention of the Collector is called to Mr. Woolridge's remarks on the advantage of having the Forest headquarters fixed at Tindevanum, and to his suggestions for the establishment of fuel reserves at Gungavaram and Mullatur.

17. *Madura.*—The receipts for the year, *plus* increase in stock, amounted to Rs. 15,682, and the expenditure to Rs. 11,960, leaving the department a gainer of Rs. 3,722. The plantations are small, but they appear to be progressing fairly. Extraordinarily rapid growth is reported of some of the trees in No. III., and the Government approve of Colonel Morgan's recommendation that this plantation should be extended, on the understanding that it is first ascertained that the soil in the neighbourhood is similar to that on which the trees reported on have been planted. Two forests are worked departmentally by means of contractors who merely undertake to fell and deliver trees selected by the officers of the department. This system does not seem to leave much in the hands of the contractors. This

year, as last, no timber was supplied to the Public Works Department. It is hoped that G. O., dated 22nd June 1872, No. 969, will have the effect of producing a change in this respect. The attention of the Collector is called to Colonel Morgan and Mr. Williams's remarks about the establishment of central depôts and periodical auction sales.

18. *Trichinopoly and Tanjore.*—In this range, the work is confined to plantations and fuel reserves, and, as these are now in their infancy, the expenditure is somewhat heavy without any financial return for the present. The expenditure, as shown in the Conservator's accounts, amounted to Rs. 9,131 composed of Rs. 6,300, working charges, and Rs. 2,832 for establishment. A sum of Rs. 106 is mentioned by Mr. Williams as having been realized by the sale of brushwood, but it does not appear in the Conservator's statement. The plantations in the Trichinopoly District are five in number, the largest being 100 acres in extent, 69 of which have been cleared. There are three fuel reserves, two of which have been fenced in. The plantations and fuel reserves are both progressing satisfactorily, and the latter, from their close proximity to the railway, promise to be particularly useful. The Negapatam plantation in the Tanjore District has been a failure hitherto, but farther inquiries are to be made as to the cause of the want of success before its abandonment is finally determined on. The expenditure mentioned by Mr. Williams as having been incurred on this plantation finds no place in the Conservator's statement.

19. *Tinnevelly.*—During the absence of Captain Walker, this range has been under the charge of Mr. Hayne. The receipts for the year amounted to Rs. 19,988, and the charges to Rs. 24,576; but, as the increase in stock is estimated at Rs. 11,209, the year closed with a financial gain of Rupees 6,621. From Colonel Morgan's remarks, however, there seems reason to believe that the stock in hand may have been valued rather too highly. The Government observe that the license and voucher system has been abolished throughout the range, and trust that a little experience will lead to a still farther reduction in the charges incurred this year for departmental working, the sales and increase in stock, amounting to Rs. 17,157 against a charge of Rupees 11,911 for felling and transfer to depôt. The second reason assigned by Mr. Hayne for the small demand during the year is satisfactory, but, with reference to his remark that his rates were somewhat high, the Government would observe that, when the Forest Department undertakes the supply of the general market, the rates must, under ordinary circumstances, be, as far as possible, adapted to the demand either by the system of periodical auctions or otherwise.

20. The planting of cardamoms seems hardly to form a legitimate part of forest-work, but there is no objection to a trial being made as an experiment. The Government regret that the expenditure on plantations has been attended with such poor results. A special report is requested with reference to the utilization of tank-beds for this purpose.

21. *Singumpatti Zemindari.*—The forests of this Zemindari, the proprietor of which is a minor, are under the officer in charge of the Tinnevelly range. The receipt for the year amounted to Rs. 8,666, and the expenditure to Rs. 1,788, which, with the decrease in stock to the extent of Rs. 2,122, leaves the year's profits at Rs 4,756. Mr. Williams reports that the auction sales resulted in a loss to the *State*,

which the Government presume is a cleric
however, is of opinion that the stock on ha

22. *Annamallai.*—This range is unde
submitted a very interesting and, on the w
year's operations. The receipts for the year a
ture to Rs. 38,140. Making allowance for d
the net profits of the year amount to Rs. 18
financial results: " These are satisfactory.
clerical error for Rs. 18,593) is shown with
but not paid for." He appears, however, to
receipts include a sum of Rs. 46,462 for tim
ments had been made within the respective y
Rs. 12,131 instead of Rs. 18,593. This,
result; the more especially as the license an
range, and the expenditure on conservancy,
has been considerable. The Government w
but would rather provide for it by an increa
assignment of a special item of revenue as s
tion of the Inspector of Forests is called to
Douglas and Colonel Morgan as to the sy
conducted.

23. The recent changes in the organi
do away with many of the difficulties whic
the hill-tribes in the collection of forest-pr
report from the Collector with reference to
services of the Khaders.

24. *Bolumputty.*—This range also is u
have been carefully looked after during the
tions and conservancy caused a deficit of R
departmental felling operations was very sa
Mr. Douglas did not apply for funds to enab
way sleepers. Application for funds in exces
be made when it is demonstrable that the pr
profit. The fuel reserves and plantations
satisfactorily, and the consent of the Gover
the purchase of land for an extension of the V
with Mr. Douglas that the re-covering of
about by the restriction of kumari and the
course of fifteen or twenty years.

25. *Mudumalai, Seegoor, Bhowany, Met*
all under the charge of Colonel Morgan.
operations was a loss of 55·20 per cent. on
in mind that in the accounts the whole o
that range alone. Still there remains a d
expenditure, which the Government cann
by the unfavourable circumstances under

C

this range has been submitted by
Mr. Cherry's absence. There was
amounted to Rs. 18,137 against
to observe that this result has been
rations and not by an extension of the
the expenditure on plantations and
ng has been substituted for floating,
vani. No mention is made of the cost
river passable, and the Government
istrict Engineer should be obtained
pit of sand between the backwater
vernment an eligible site for a forest
rt what amount would be required
und in a favourable locality, in the
. The expenditure on planting in
under review, and the Government
s direction throughout the district

he Conservator's report for 1870-71,
ion of a forest map, which is much
eps have been taken in the matter.
y each annual report on the forests,
ely.

t.)
d) R. A. DALYELL,
Acting Secretary to Government.

auction at Mysore. The stock in han
that the valuation does not favourably
the sales of this year appear, by State
43·26 per cent. The cost of carrying
partially employed for the purpose) is
the increased value of the timber thus
only in statement D. The Governmen
teak plantation at Benni seems to be pr
has also been made with the Sandalwo
and Vyloor. The financial result of t
factory at Collegal, and more than fairl
Colonel Morgan's charge, the aggregate
per cent. The Government observe t
Collegal is being gradually worked out,
are sufficiently extensive to fulfil Colo
more than suffice for the re-placement
observe that a better market is expecte

26. *Wynaad.*—This range is now
only about three weeks before the end o
on the license and voucher system, opera
with a little planting and conservancy.
mental working appears to have been a
but this was almost entirely owing to
in the valuation of the stock in hand at
highly valued, under the impression the
proposed railway to Mysore. A sum o
not forthcoming when Mr. Peet joined
however, the result of the year's felling
was a deficit of 2·64 per cent., almo
planting or other conservancy operat

27. The Government fully co
the advantages which would arise from
all attempts at negotiation have hithe
readily accorded to any proposals whi
arrangement with the managers of the

28. *Nellumber.*—M
satisfactory report on
expected for sever
against Rs. 13,00
tions seem all to
arily somewha
which would
frequent ch
was consid
planted, v
with see

however, is very large, and it is possible
present its value, as the prices realized on
ment C, to have exceeded the valuation by
of timber (exclusive of the feed of cattle
hown as Rs. 13,102 in Statement A, while
rought to depôt is put down at Rs. 10,305
desire to have this point explained. The
gressing very satisfactorily, and progress
d plantations at Seegoor, Sattiamangalam,
e departmental operations was very satis-
so at Bhowany. In all the ranges under
gain on departmental operations was 2·36
at it is reported that the Sandalwood at
and they trust that the planting operations
nel Morgan's anticipations that they will
f the natural Sandal. It is satisfactory to
next year for railway fuel at Bhowany.
under the charge of Mr. Peet, who joined it
the year. None of the forests are worked
tions being confined to departmental felling
The financial result of the year's depart-
oss of 117·45 per cent. on the expenditure;
reduction of Rs. 8,446 made by Mr. Peet
the end of last year, which had been very
t a great demand would be created by the
Rs. 1,401 was also struck off for timber
he range. Leaving these out of account,
operations, including cost of supervision,
nothing having been done in the way of
s.

with Colonel Morgan and Mr. Peet as to
btaining a lease of the Palpilli forest, but
to been unsuccessful. Sanction will be
likely to lead to a satisfactory
mple.
submitted a co e and, in any ways,
olly plantation. A financial pr fit is not
ut the net deficit was only Rs. 518
planting, weeding, and pruning opera-
ried on. Felling operations were neces-
a fair profit on the working expenditure,
r but for Mr. Ferguson's sickness and
ber of teak seedlings planted out this year
ut there is an increase in the acreage
series are said to be abundantly planted
n as the season opens.
s. 2,12
on sales resu

29. *South Canara.*—A short report
Mr. Carroll, the Overseer in charge, durin
a great increase in the net profit, whic
Rs. 8,192 last year, and it is satisfactory
brought about by increased departmental op
license and voucher system or decrease i
conservancy. In the Casergode Taluq cart
pending the blasting of the rocks in the Puis
which is likely to be incurred to make th
think it desirable that the opinion of the
before the operation is commenced. The
and the sea at Mangalore does not seem to
depôt, and the Collector is requested to rep
for the purchase of a suitable piece of g
event of no Government land being availab
this range was inconsiderable during the yea
would be glad to see increased efforts in t
generally.

30. The Government, in their review o
ordered (paragraph 28) the gradual prepar
needed, and they desire to be informed what
A map of the nature directed should accomp
and some copies should also be printed separ

(True Extra
(Sig d) R. A. DALYELL,
Acting Secretary to Government.

To the Board of Revenue.
„ the Inspector of Forests.
„ the Department Public Works.

Exd. F. R. Bantleman.

this range has been submitted by
Mr. Cherry's absence. There was
amounted to Rs. 18,137 against
to observe that this result has been
rations and not by an extension of the
the expenditure on plantations and
ng has been substituted for floating,
wani. No mention is made of the cost
river passable, and the Government
District Engineer should be obtained
pit of sand between the backwater
vernment an eligible site for a forest
rt what amount would be required
und in a favourable locality, in the
. The expenditure on planting in
under review, and the Government
s direction throughout the district

he Conservator's report for 1870-71,
ion of a forest map, which is much
eps have been taken in the matter.
y each annual report on the forests,
ely.

Govt. of {1873} Madras

REVENUE.

To THE BOARD OF REVENUE.

&c., &c., &c.

Dated October 27th.

Recd. Encl.

G. O., 27th October 1873, No. 1,194.

OCTOBER.

Nos. 287-288.

Forests of the Madras Presidency.—Reviewing the report of the Conservator of Forests respecting the — for the Official year 1871-72.

Galey