Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No. 3372

DATED 3rd July

[Despatch Abstract.]

Summary of contents
Comm^r. to the B. of Rev. letter from the Govt. of India forwarding copies of the Resolution passed by the Board of Control of the Imperial Forest School, Dehra Dun, for 1897-98.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No	Department.	Date.

FURTHER PAPERS.

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6541 97	404 F	Rev	4-6-97				
[illegible]	1, 1297- A		9-6-97				
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1897. File No. 1 of 1897.

GOVERNMENT OF INDIA.

Serial No. 8.

DEPARTMENT OF REVENUE AND AGRICULTURE.

SL. 1-5

FORESTS.

To

LOCAL GOVERNMENTS AND ADMINISTRATIONS.

Circular No. $\frac{11}{1-8}$ F.

Daled Simla, the 23rd June 1897.

Recd 2-7-97

Encl 1

SUBJECT.

Forwards, with remarks, copies of the Resolutions passed by the Board of Control of the Imperial Forest School, Dehra Dun, for 1897-98.

G. C. Press, Simla.—No. 641 R. & A. D.—25-6-97.—390.

Resolutions passed by the Board of Control for the Imperial Forest School, Dehra Dun, at sittings held on the 29th, 30th and 31st March 1897.

MEMBERS PRESENT:

MR. B. RIBBENTROP, C.I.E., *Inspector-General of Forests, President.*
" J. W. OLIVER, *Director of the Forest School.*
" S. EARDLEY-WILMOT, *Conservator of Forests, Oudh.*
" J. NISBET, *Officiating Conservator of Forests, Burma.*
" E. E. FERNANDEZ, *Officiating Conservator of Forests, Central Provinces.*
MR. F. B. BRYANT, *Secretary.*

RESOLUTION No. I.

As the results of the final examinations at the Forest School, conducted under the superintendence of the Board of Control, it was resolved that certificates be granted as follows:—

Senior Upper Class.

Ranger's certificate with honours—

(1) Ghaneshyam Prasad, Central Provinces, number of marks obtained 2,414

Ranger's certificates without honours—

(2) W. G. Slaney, Central Provinces, number of marks obtained 2,005
(3) Chatur Bhuj, Jodhpur, " " " 1,988
(4) A. Pacheco, Bombay, " " " 1,967
(5) S. V. Venkataramana Iyer, Madras, " " " 1,930
(6) Basanta Kumar Goswami, Assam, " " " 1,903
(7) V. R. Venkataramiah, Private student, " " 1,888
(8) Lalit Mohan Sen, Bengal, " " " 1,874
P. J. Draper, Private student, " " " 1,874
(10) W. P. G. Cooper, Burma, " " " 1,848
(11) R. de Courcy, Private student, " " " 1,805
(12) N. J. Bilimoria, Bombay, " " " 1,792
(13) Juanada Charan Sen, Assam, " " " 1,778
(14) D. G. Vishwanath, Central Provinces, number of marks obtained 1,769
(15) Guru Charan Das, Assam, number of marks obtained ... 1,707
(16) Pandurang R. Joshi, Berar, " " " ... 1,680
(17) Moreshwar Rao, Central Provinces, number of marks obtained 1,662
(18) Jotendro Nath Mookerjee, Punjab, number of marks obtained 1,658
(19) Shambhu Datt, North-Western Provinces, number of marks obtained 1,622
(20) Yeshwant M. Vadikar, Bombay, number of marks obtained 1,501
(21) to (24) Nasarvanji Gustadji " " " " / E. A. Radcliffe, Private student, " " " / Sher Singh, Kashmir, " " " / Kishen Chand, Private student, " " " 1,500

Senior Lower Class.

(1)	Nurulla Khan, Berar, number of marks obtained...	2,061
(2)	Ranjit Singh, Private student, " " " ...	1,834
(3)	Pitamber Dutt, North-Western Provinces, number of marks obtained	1,798
(4)	Ghanesh Dhondo, Berar, number of marks obtained ...	1,733
(5)	Kanhya Lal, North-Western Provinces, number of marks obtained	1,709
(6)	Lachman Singh, North-Western Provinces, number of marks obtained	1,592
(7)	Daulat Ram, Private student, number of marks obtained ...	1,558
(8)	Paras Ram, " " " " " ...	1,511

The Government medals were awarded as follows:—

Senior Upper Class.

Silver medal.

Ghaneshyam Prasad.—For being the most distinguished student of the year (1st in Forestry, Forest Engineering, Mathematics, Physical Science, Forest Law, and equal 1st in Surveying and Drawing).

Bronze Medals.

W. G. Slaney, Sylviculture.

W. G. Slaney, Surveying and Drawing.

Chatur Bhuj, Sylviculture.

Basanta Kumar Goswami, Botany.

S. V. Venkataramana Iyer, Physical Science.

W. P. G. Cooper, Zoology.

Senior Lower Class.

Nurulla Khan, Forestry and General Proficiency.

Prizes were awarded as follows:—

For the best Entomological collection—

W. P. G. Cooper.

The Campbell-Walker prize for Forestry to the best student from Madras—

S. V. Venkataramana Iyer.

Mr. Moir's prize for the best practical Forester—

R. de Courcy.

Prize for the best general note-book on tours—

V. R. Venkataramiah.

Prize for the best note-book on Forest Engineering—

A. Pacheco.

Prize for the best practical Forester in the Lower Class—

Kanhya Lal.

Prize for the best Herbarium—

Lalit Mohan Sen.

Resolution No. II.

The advisability and possibility of rendering the lectures at the School more suitable to the students, by reducing the amount of dictation, and thereby rendering more time available for explanation of the subjects taught, was considered by the Board. The Board are not prepared at present to make any alteration in the method of teaching; but they are of opinion that the lecture-notes of the professors on each subject should be printed and interleaved, so as to allow for future extension or modification. Such printed notes should be in the hands of each student, and in process of time would, it is expected, gradually develop into practical, concise text-books for the use of the students at the School. Moreover this will secure continuity in the course of the lectures when, as must occasionally happen, and has particularly been the case during the present year (1896-97), the lecturers are changed during the course.

Resolution No. III.

The question whether the services of an Assistant Agricultural Chemist were of such value to the School as to justify the expense involved in his emoluments, was brought before the Board. The Board resolved that the cost of the services of the Assistant Agricultural Chemist is excessive as compared with the advantages gained by the School. The Assistant Agricultural Chemist delivers lectures on Physical Science, Physics and Soils. During the year 1896, 48 lectures were given. The pay and allowances of the Assistant Agricultural Chemist were charged to the School for 7 months, and amounted to Rs. 6,969. Each lecture, therefore, cost the School Rs. 145. Owing to this officer's frequent absences from Dehra, and to the many other claims upon his time when he is there, he is unable to render much aid in experiments in tannin extracts, in the preparation of resin, in the conduct of analytical experiments, etc. The School is a centre of enquiry for such matters and as such expected to reap considerable advantage from the Assistant Agricultural Chemist's deputation. The Board consider that his services in this respect are entirely inadequate to the expense involved.

Resolution No. IV.

The desirability of insisting on the vaccination of students before they enter the School was brought forward. The Board resolved that the medical certificate required under rule 12 (i) (c) of the School rules should include a statement showing that the student has been vaccinated during the previous three years.

Resolution No. V.

The suitability of the text-book of Zoology at present in use at the School was discussed. The Board are of opinion that this work does not satisfactorily fulfil the purpose for which it was compiled. The work is entirely descriptive and abounding in scientific names. The Board consider that it is unnecessary that the students should have to learn a large number of names which generally convey no meaning to them, and which serve no useful purpose. What is required is that they should have a book from which they may be enabled to determine the principal families and genera of animals, and the species of those animals which are of interest to the Forester in India. It is, therefore, considered necessary to recast the part called "the Systematic Course" and to complete it by an analytical key, drawn up on the lines of that contained in the last edition of Leunis' Synopsis of the natural history of the animal kingdom. The same avoidance of any unnecessary scientific terms should be observed, and such terms where used should be fully explained by giving their meaning and derivation. This work will it is expected, as time progresses, develop into a complete manual, which will direct the interest of the students to the study of the life-history of animals which influence Forestry.

Resolution No. VI.

The advantage of having a printed set of questions for self-examination by the students in Sylviculture, Utilization and Working-Plans was discussed.

The Board arrived at the conclusion that such a set of questions should be drawn up by the School staff and printed for use at the School.

Resolution No. VII.

A proposal from the Conservator of the Central Circle, North-Western Provinces, that the students should be sent to the Central Circle for practical training, and a proposal by the Director of the School that the students should cease visiting Ajmere, was considered. The Board resolved that the Director be requested to submit a report on these subjects to the Inspector-General of Forests, who will then dispose of them.

Resolution No. VIII.

It was brought to notice that in many cases students admitted to the School have not a sufficient knowledge of English to enable them to properly follow the course of lectures. The Board consider that it would be advisable to raise the standard of English at the Entrance Examination, in so far that candidates should be required to explain the meaning of a number of passages read to them in English.

Resolution No. IX.

The Board considered the question of Mr. Grenfell's "Manual of Mathematics." They came to the conclusion that the work, though an able one, is not suited for the purpose for which it is intended, *viz.* for the use of the students at the Forest School. Its scope is too wide, and it is not sufficiently practical. As a matter of fact, the standard of mathematics demanded at the Entrance Examination would, if thoroughly understood and applied, be sufficient for the requirements of the Provincial Service. But as a rule the knowledge of this subject is not sufficiently thorough, and its teaching must be continued at the School in an applied and practical manner.

The Board therefore consider it necessary that a text-book of Forest Mathematics should be available, dealing succinctly with those parts of the subject which are essentially necessary in Forest work. It was resolved that the members of the Board should, as soon as possible, forward to the President a syllabus showing what, in their opinion, should be the scope of the work and the subjects in detail with which it should deal. And that, so soon as these proposals have been considered, the Government of India should be addressed with a view to placing an officer on special duty in order to compile the text-book required.

Resolution No. X.

The Board desire to draw attention to the fact that some provinces, as for example the North-Western Provinces and Oudh, have made it obligatory that their students should do some practical work in the forests before appearing at the Entrance Examination. The Board consider that this practice is extremely advantageous, but desire to express their opinion that such practical training, which should extend over a period of not less than six months, should take place after the Entrance Examination and not before, as in this case the risk of a man's failing after probation is obviated and there would be ample opportunity of gaining a knowledge whether any particular man is fit for the Forest service. There is, however, danger that during this period students may forget their school studies, particularly that of mathematics in which they are, as a rule, weak, and the Board, therefore, consider that during this time they should be encouraged to continue the study of this subject. If this proposal be accepted, it is essential that the Local Government's permission to enter the School be dependent on the Conservator's report after the period of probation, and that the mere fact of a candidate having passed the Entrance Examination should not be taken as giving the student a right to enter the School under Government auspices. Any rule under this recommendation cannot apply to private students who do not contemplate entering Government service, for such students have a right to enter the School under the conditions

in force, on passing the Entrance Examination. But for private students who wish to enter Government service it should be strongly recommended that they should go through such a course of practical training, and in selecting men for Government service, preference should always be given to those who have done so. In order to carry out this suggestion, the Board recommend that Local Governments should, by affording facilities to private students after they have passed the Entrance Examination to the School, encourage them to undergo a course of practical training in the forests, similar to that laid down for Government students.

Resolution No. XI.

With reference to Resolution No. 6 of the Board of 1896, the Board considered the question of the adoption of Mr. Kanjilal's "Forest Flora" as a text-book at the School. They regret that as the present policy of the Government of India is against the printing of purely local botanical lists, the Board can recommend no further action at present.

Resolution No. XII.

The question of making rules regulating the grant of stipends to students at the Forest School was discussed. It came to notice that under the rules hitherto in force 28 stipendiary students have left the Department with less than 5 years' service; and that on these men's education a sum of Rs. 16,704 had been expended in stipends alone, of which amount Rs. 2,520 have been recovered under the bonds in force. The loss resulting to Government has thus been Rs. 14,184. It was resolved that the matter was gradually righting itself and that no present change in the rules is required, and that the question of granting stipends to students must be left to the discretion of Local Governments.

(Sd.) B. RIBBENTROP.
" J. W. OLIVER.
" S. EARDLEY-WILMOT.
" J. NISBET.
" E. E. FERNANDEZ.

G. C. Press, Simla.—No. 84 R. & A. D.—10-5-07.—500.

Circular No $\frac{11}{1-8}$F.

FROM

E. MACONOCHIE, ESQ., I.C.S.,
Offg. Under-Secretary to the Government of India,

TO The Secretary to the Government of Madras,
Revenue Department,

Dept. of Rev. & Agri.
Forests.

Simla, the 23rd June 1897.

SIR,

I am directed to forward, for information and for communication to the Conservators of Forests in the Madras Presidency copies of the Resolutions passed by the Board of Control of the Imperial Forest School, Dehra Dun, for 1897-98, and to convey the following remarks.

2. The orders of the Government of India in regard to the proposal contained in Resolution No. IV, that all students should be vaccinated before admission into the Forest School, will be issued separately.

3. I am to request that the Government of India may be favoured with the opinion of the Governor in Council concerning the suggestion made in Resolution No. VIII to raise the standard of English at the entrance examination of the Forest School.

4. In Resolution No. X it is suggested that Government candidates for admission to the Forest School should, after passing the entrance examination, undergo a course of practical training for six months in the forests of the province to which they belong. The Government of India consider the proposal an excellent one, if feasible; and they see no reason whatever why private students should be excluded from its benefits, since they have no "right to enter the School" and Government can alter the conditions of admission at pleasure. It is understood that, in one at least of the larger provinces, the condition is already imposed in practice upon both Government and private pupils. I am to ask that the proposal may be considered by the Governor in Council and his views communicated to the Government of India. I am to explain that in the event of any such scheme being adopted, it is intended that the candidates who follow the course of practical training in question should be exempted from the two months' "preliminary term" (15th April—15th June) at the Forest School and would not, therefore, be required to join that institution until the 1st July. At the same time

Rule 5 of the Forest School Rules.

SECL. GOVT. MADRAS
29 JUL 97
REV. DEPT.

the date of the entrance examination would be changed to 1st December, so as to allow of the necessary interval.

I have the honour to be,

SIR,

Your most obedient Servant,

E Macnaghten

Offg. Under-Secretary to the Government of India.

~~The Hon'ble the Home Secretary~~

3/7/97

12 To the Board of Rev: & R. (A & O) Secs. 9-7-97

Read G.O. 5445 of 97

Order misc No 33/20/3rd July 97.

Communicated to the Board of Rev: for information and for communication to the Conservators of Forests.

2. Before furnishing finally a reply to the Govt of India, the Govt desires to have the Board's opinion on the matters referred to in paras 3 and 4 of the Cir: read above. The Board will accordingly be requested to submit at an early date a report on the subject, after consulting the Conservators of Forests if necessary.

WRL 5.7.97.

E.M.M.

When given for copying ____
When copied ____
When examined ____
When signed ____
} 189

READ AGAIN G.O., No 189 DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT	A	A	A	A	A	A	A
LETTER OF GOVERNMENT.							
STATEMENT WITH DITTO.							
PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.							

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