Archives I—10,006—16-8 77.

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(1) Number of pages 66
(2) Date of repair 6-3-87
(3) Initials of the Referencer Cen

MIL NADU ARCHIVES

ERNMENT OF TAMIL NADU

Finl DEPARTMENT

G.O. No. ~~B.P. No.~~ 733 Press. Mis.

Dated 26 28 4 1881 197.

34/35

A.H

e folded or roughly handled

33.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

26th April 1881, No. 733.

Stationery.

Read the following papers :—

From J. G. FERRAND, Esq., Superintendent of Stationery, to the Chief Secretary to Government, dated Madras, 10*th January* 1881, *No.* 1496 [*Current No.* 37].

I beg to refer, for the orders of Government, copy of a supplementary indent received from the Examiner, Guaranteed Railway Accounts, Madras, for twenty ounces fuchsine in lieu of eight packets of Dr. Bidie's ingredients for making red ink. This indent is forwarded under the Resolution of the Government of India, Public Works Department, 10th December 1880, No. 2114-25-G,* and I have the honor to inquire how it and similar indents from other officers are to be disposed of *as regards the substitution of fuchsine for Dr. Bidie's red ink ingredients.* As regards the *quantity*, two ounces of fuchsine indented for by the Examiner, Guaranteed Railway Accounts, is more than double the equivalent of the eight packets of Dr. Bidie's ingredients, and this point will be duly brought to the Examiner's notice.

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* Madras Financial G.O., 6th December 1880, No. 2271.

From A. C. TUPP, Esq., Officiating Accountant-General, to the Chief Secretary to Government, dated Fort St. George, 25*th January* 1881, *No.* 232 [*Current No.* 203].

Correspondence Department.

With reference to the Proceedings of the Board of Revenue, No. 637, dated the 22nd January 1881, I would beg respectfully to ask the attention of Government to the great inconvenience felt in this office from using red ink made up according to Dr. Bidie's formula.

2. The Board and the Collector of Chingleput seem to agree with me in this opinion.

3. The ink is not red, but a dusky brown when first used, and it afterwards turns to a dark brown which is not distinguishable from the ordinary black ink except under a strong light.

4. As in many of my accounts I have to enter the minus items in red ink and the plus items in black, it is of great importance that the two colors should be very distinct and should present a marked contrast.

5. I would, therefore, ask permission, with reference to G.O., No. 1872, of 29th September 1879, on the subject of red ink, to either return to the use of the Fuchsine red ink or to adopt some other kind of red ink which shall not be liable to be mistaken for black ink.

6. The Government of India have already directed the re-adoption of the Fuchsine Aniline ink in their Order, No. 3649, of 12th November 1880; but this order only applies to those offices which are supplied from the Stationery Offices at Calcutta and Bombay.

7. As, however, a copy of the order was sent to the Government of Madras in continuation of the original order prohibiting the use of the aniline ink, I think it is clear that the Government of India are willing that that ink should be used again in all offices.

8. If His Excellency in Council should agree with my opinion in this respect, it would perhaps be advisable to issue a general order on the subject, as the Treasuries and other public offices are no doubt still using Dr. Bidie's ink.

No. 197.

Referred to Dr. Bidie with reference to paragraph 3 of the Accountant-General's letter, with request that he will state whether it is possible to make the redwood ink preserve its color better.

(Signed) R. DAVIDSON,
Chief Secretary.

28*th January* 1881.

Proceedings of the Board of Revenue, dated 19*th February* 1881, *No.* 1752 (*Miscellaneous*) [*Current No.* 489].

Read G.O., Revenue Department, dated 25th January 1881, No. 170.

The Board resolve to forward to Government a specimen of writing with the ink prepared by the Moochi of their office under Dr. Bidie's supervision. The ink is a reddish brown, and is not suitable for official use.

(True Extract.)

(Signed) C. A. GALTON,
Secretary.

To the Secretary to Government, Revenue Department.

No. 488.

Transferred to the Financial Department for disposal with reference to the orders in that department, dated 29th September 1879 and 9th March 1880, Nos. 1872 and 505, respectively.

2. The experiments made in this department have also proved unsatisfactory, and other ink has had to be purchased.

23*rd February* 1881.

(Signed) C. G. MASTER,
Secy. to Govt., Rev. Dept.

No. 412.

Referred to Dr. Bidie for *early* remarks in continuation of endorsement, No. 197, dated 28th January 1881.

1*st March* 1881.

(Signed) R. DAVIDSON,
Chief Secretary.

From Surgeon-Major G. BIDIE, *M.B., Superintendent, Government Central Museum, to the Chief Secretary to Government, dated* 11*th March* 1881, *No.* 143 [*Current No.* 633].

In returning the papers referred under your No. 197 of the 28th January 1881, and No. 412 of 1st March 1881, I have the honor to state that it seems quite impossible to get the Moochies to make an ink uniformly of good quality from redwood.

2. Prior to the introduction of fuchsine for the purpose a red ink made from an indigenous dye-wood—Sappan—was in common office use, and no difficulty was ever experienced in its preparation, although the process was more complicated than that employed in my formula. I can only, therefore, account for the difficulty now experienced in getting good ink made from redwood to the circumstance that the Moochies have become unaccustomed to the duty. Fuchsine is got as a powder, and merely requires to be dissolved in water.

3. That redwood when properly treated will yield an ink of a good red color and of a very permanent character is beyond all doubt, as its active principle, *Santalin*, has a splendid scarlet hue, and is at this moment the ordinary agent used by dyers in Europe to procure mock Turkey-red in cotton yarns.

4. But in spite of these facts, I confess my inability to get the Moochie of the period to extract the color and make proper red ink.

5. At the time I was directed in G.O., No. 1237, of 2nd July 1879, to supply a formula, it had been found that fuchsine ink could be easily washed out by such a common agent as spirit. As referee on indigenous raw products I did my best to give a formula for making a permanent red ink from an Indian wood, and regret that circumstances over which I have no control have apparently rendered its use impracticable.

No. 598.

OFFICIAL MEMORANDUM.

The Superintendent of Stationery is requested to report whether he has in stock sufficient fuchsine to issue to Government offices *other* than the Account Offices where it is not proposed to allow its use.

(Signed) R. DAVIDSON,
Chief Secretary.

25*th March* 1881.

From J. G. FERRAND, *Esq., Superintendent of Stationery, to the Chief Secretary to Government, dated Madras,* 29*th March* 1881, *No.* 1833 [*Current No.* 807].

In reply to your official memorandum, Financial No. 598, dated 25th March 1881, I have the honor to report that the stock of fuchsine in hand is sufficient for issue to the Government offices referred to.

ORDER THEREON, 26th April 1881, No. 733.

The Superintendent of Stationery is authorized to issue fuchsine to Government offices at the Presidency other than offices of account.

2. As regards the latter, the Right Honorable the Governor in Council declines to sanction the use of a red ink which can be readily and completely obliterated by sponging the paper with alcohol, and the Superintendent of Stationery will, therefore, indent for small supplies of Blackwood's red ink recommended for use by the Principal of the Inland Revenue Laboratory, Somerset House.

3. Dr. Bidie will consult the Chemical Professor on the subject of improving the locally made red ink.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To the Superintendent of Stationery.
„ all Heads of Departments.
„ the Accountant-General.

Exd. J. Wright.

Govt. of (1881) Madras.

FINANCIAL.

To
The SUPERINTENDENT of
STATIONERY,
&c., &c., &c.

Dated April, 26th.

Issued

Recd. Encl.

G.O., 26th April 1881, No. 733.

APRIL.

Stationery.—The Superintendent of Stationery authorized to issue fuchsine to Government offices other than offices of account, and, as regards the latter, to indent for small supplies of Blackwood's red ink recommended for use by, the Principal of the Inland Revenue Laboratory, Somerset House.

No 1496

Stationery office
Madras, 10th January 1881

733/3

From,

The Superintendent of Stationery
Madras.

To,

The Chief Secretary to Government
Financial Department
Fort Saint George

Sir,

I beg to refer for the orders of Government copy of a supplementary Indent received from the Examiner Guaranteed Railway Accounts, Madras, for 2 oz Fuchsine in lieu of 8 packets of Dr Bidies' ingredients for making red ink. This Indent is forwarded under the Resolution of the Government of India, Public Works department, 10th December 1880, No 2114 - 25* G. and I have the honor to inquire how it and similar indents from other Officers are to be disposed of, as regards the substitution of Fuchsine for Dr Bidies' red ink ingredients. As regards the quantity 2 oz. of Fuchsine indented for by the Examiner Guaranteed Railway Accounts is more than double the equivalent of the 8 packets of Dr Bidies' ingredients, and this point will be

* Madras Financial G.O. 6th December 1880 No 2277

×?

DISPOSED OF BY G.O. No.

duly brought to the Examiner's notice.

I have the honor to be
Sir,
Your most Obt. Servant
J G Ferrand
Supdt. of Stationery

From
The Superintendent of
Stationery
Madras

JAN 81

To
The Chief Secretary
to Government
First Depts
Fort St. George

Dated 10th January 1881
Received

C No. 1496

Referring for orders of Govt. copy of a supplementary indent received from the Examiner of Guaranteed Railway Accounts for 2 ozs of Fuchsine in lieu of 8 packets of 2nd sizes ingredients for making red ink

Supplementary Indent of Stationery required for the use of the Office of Examiner Railway Accounts from 1st April 1881 to 31st March 1882

Description of Article	Quantity	Remarks
Writing Ink Powder, Fuchsine Aniline Crystals	2 oz:	This is in lieu of 8 packets of Dr. Bidie's ingredients for making red ink indented for by this office for 1881-82 and sanctioned by the Superintendent of Stationery in his memo: No $\frac{250}{413}$ of 6th November last. A copy of the Resolution of the Government of India (Nos. 2114-25 G dated 10th December last) under which this indent is prepared, is herewith sent for information and return

(Signed) D. C. Gordon
Examiner Ry. Accounts
Madras

Madras
7th January 1881.

True Copy J. G. Ferrand
Supdt. of Stationery

E.B.

GO (Judl) 733/81

Le Judl: 37-81

10/2271 — 6 Rec do —

24/1/80 ?? 98

20/3/80 Res 96

Financial (1881) DEPARTME Correspondence Dept.

(Stationery)

From Supt. of Statione
Madras.

No. 1496. (Enc

No. 203

Dated 10th
Recd. 11th } January 81.

No. 37

10733/81

SUBJECT.

Forwards Supple
Indent from Exami
of Guaranteed Ry: Acc
for 2 Oz: of Fuchsine a
of 8 packets of Dr Bid
ingredients for use

Fort Saint George
Accountt. General's Office
25 January 1881.

No. 232

733/7

From
The Accountant General
to the Government of Madras,

To
The Chief Secretary
to Government
Financial Department
Fort Saint George.

Sir,

With reference to the Proceedings of the Board of Revenue No. 637 dated the 22nd January 1881, I would beg respectfully to ask the attention of Government to the great inconvenience felt in this Office from using red ink made up according to Dr. Bidie's formula.—

2. The Board and the Collector of Chingleput seem to agree with me in this opinion.—

3. The ink is not red, but a dusky brown when first used and it afterwards turns to a dark brown which is not distinguishable from the ordinary black ink except under a strong light.—

DISPOSED OF 26 APL 81

4. As in many of my Accounts, I have to enter the minus items, in

red ink, and the plus items in black, it is of great importance that the two colors should be very distinct and should present a marked contrast.—

5. I would therefore ask permission, with reference to G.O. No. 1872 of 29th September 1879 on the subject of red ink, to either return to the use of the Fuchsine Red Ink, or to adopt some other kind of red ink which shall not be liable to be mistaken for black ink.—

6. The Government of India have already directed the re-adoption of the Fuchsine Aniline ink in their Order No. 3649 of 12th November 1880, but this order only applies to those Offices which are supplied from the Stationery Offices at Calcutta and Bombay.—

7. As, however, a copy of the order was sent to the Government of Madras in continuation of the original order prohibiting the use of the Aniline ink, I think it is clear that the Government of India are willing that that ink should be used again in all Offices.—

If

8. If His Excellency in Council should agree with my opinion in this respect, it would perhaps be advisable to issue a general order on the subject, as the Treasuries and other public Offices are no doubt still using Dr. Bidie's ink.—

I have the honor to be,

Sir,

Your most obedt. Servt.

A. Cotterell Tupp.

Offg. Accountt. General.

C.N. 3124 - 27-11-

TO BE RETURNED
WITH REPLY.

No. 197

48

Referred to Dr. Bidie
with reference to
paragraph 3 of
the Acct. Genl's letter,
with request that
he will state whether
it is possible to
make the coloured
ink preserve its
colour better.

J. Davidson
28/1/81 Chief Secretary.

27/1/81

Fin. (1881) Department.
(Stationery)

R.D.
28 JAN 81

From

The Accountant General
Madras

To.
The Chief Secretary to Government
Financial Department
Fort St. George

No. 232

50/23/81

Dated 25
Received 26 } January 1881

No. 203

Remarking on the color
of the Red ink (Dr. Bedee's) now
used and requesting the issue
of a General order on the re-
adoption of the Fuchsine aniline
ink, if Govt. should be of his
opinion regarding the intent of
Govt. of India in Communica-
ting G. I. No 3649 dated the
12th November 1880.

Referred

233/9 58

Rev: Department.

Mis No. 1752

Proceedings of the Board of Revenue
Dated 19th February 1881.

Read G. O. R. D. of 25th January
1881 No. 170.

The Board resolve to forward to
Government a specimen of writing
with the ink prepared by the Munshi of
their Office under Dr. Bidie's supervision.
The ink is a reddish brown & is not suitable
for official use.

(True Extract)

Secretary.

To
The Secretary to Government R.D.
with specimen of writing

DISPOSED OF
26 APL 81
BY G. O. No.

Lr No. 197

733/10

Revenue Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

489

Read the following papers.

Revr. Board office, Madras
7th January 1881.

Mis. No. 77

From

The Asst. Sub Secretary to the
Board of Revenue, Madras

To

The Secretary to Government
Revenue Department

Sir,

I am directed by the Board of Revenue to request that the Supdt. of Stationery may be directed to supply Fuschine Ink in lieu of the Red Ink prepared according to Dr. Bidie's formula and approved of by Govt. in their order dated 15th October 1879 R.D. No. 3535, as the latter has been found to be pale and unfit for official use.

I have &ca.
(Sigd) E. Gibson.
Asst. Sub Secretary

Referred to Surgeon Major Bidie for remark.

(Sigd) C. G. Master
Secy. to Government

Fort St. George
10th January 1881

Govt. Central Museum
No. 31 Madras 18th January 1881

From

The Supdt. Govt. Central Museum

To

The Secy. to Govt., Revl. Department
Fort St. George

Sir,

In returning the letter from the Board of Revenue referred under your Docket Memo of the 10th Instant, I have the honor to invite attention to my letter recorded in Proceedings of Government, Financial Department, No. 505 of 9th March 1880. On that occasion the Accountant General complained that the new red ink was too dark in colour, and the Board now remark that it is "Pale and unfit for Official use". The remedy in either case will be found in the order of Government above specified, and I would remark, that an ink prepared from a dye-wood never can have the brilliant colour of one made from a Fuchsine Pigment. The former, however, has the advantages of being more permanent ~~and~~ than the ? product of an indigenous article. Should the Board desire it their moochie may be sent, with materials, to the Museum to see the ink prepared by the man who carried out under me the Experiments in the making of red ink.

I have &c.
(Sigd) G. Bidie M.D.
Surgeon Major
Supdt. Govt. Central Museum

Order thereon 25th January 1881 No. 170

Communicated to the Board of Revenue with reference to their Proceedings dated 7th January 1881, No. 77 Mis. The Govt. await the result of the Board's further trial.

(True Extract)
(Sigd) C. G. Master
Secy. to Government

(True Copy)
E. Overbury
Asst. Under Secy. to Govt.

Enc No. 197

Procg: of the Madras Govt:
Rev: Deptt:

Dated 25th Jany: 1881

No: 170

In Fincl: 489/81

133/12

Specimen of Red Ink prepared by the Mochee of the Revenue Board Office under Dr: Bidie's Supervision

83/11

Lu No. 197

83/4

Lu No. 197

Rev 1/940 of 81.

Lu Fuel: 489/81

733/13

G.O. 25 January/81 No. 170 Fin

R.D.
23 FEB 81

6 P

No. 488.

Transferred to the Financial Department for disposal with reference to the orders in that Department d/ 29th September 1879 and 9th March 1880 Nos 1872 and 505 respectively.

2. The experiments made in this Department have also proved unsatisfactory and other ink has had to be purchased.

Secretary to Govt.

23-2-81

To The Financial Deptt. with G.O. 25/1/81 No. 170 & the correspondence there-in read.

No 412

Referred to Dr Bidie for early remarks in continuation of endorsement No. 197 dated 28th January 1881

1881

No. 197

My

~~Revenue~~ Finl 1881. Department
(Stationery)

Proceedings of the Board of Revenue.

No. 940.

To 733/81

Recd 3rd March 1881.

Dated 19th February 1881

Despatched 19

Received 21

Recd 21 26

23/2

Mis. No. 1752

Em

En: 2

No: 489.

SUBJECT.

Forwarding to Government a specimen of writing with the ink prepared by the Muchi at the Bd's Office under Dr Bidie's supervision.

No. 143

Government Central Museum
Madras 11th March 1881.

733
14

633

From

Surgeon Major Geo. Bidie, M.B.
Supdt: Govt: Central Museum:

To

The Chief Secretary to Government,
Financial Department.

Sir,

In returning the papers referred under your No. 197 of the 28th Jany: 1881 and No. 412 of 1st March 1881, I have the honor to state, that it seems quite impossible to get the Moochies to make an ink uniformly of good quality, from Red-wood.

2/ Prior to the introduction of fuschsine for the purpose a red ink made from an indigenous dye-wood - Sappan was in common office use and no difficulty was ever experienced in its preparation, although the process was more complicated than that employed in my formula. I can only

DISPOSED OF 28 APL 81 BY G.O. No.

therefore account for the difficulty now experienced in getting good ink made from Red-wood, to the circumstance, that the Moochies, have become unaccustomed to the duty. Fuschsine is got as a powder, and merely requires to be dissolved in water.

3/ That Red-wood when properly treated will yield an ink of a good red-color and of a very permanent character is beyond all doubt, as its active principle Santalin has a splendid scarlet hue, and is at this moment the ordinary agent used by Dyers in Europe to procure mock Turkey-red in cotton yarns.

4/ But in spite of these facts I confess my inability to get the Moochie of the period to extract the color, and make proper red-ink.

6/ At the time I was directed in G. O. No. 1237 of 2d July 1879 to supply a formula it had been found, that fuschine ink could be easily washed out by such a common agent as Spirit. As referee on indigenous raw

products

products I did my best to give a formula for making a permanent red-ink from an Indian wood, and regret that circumstances, over which I have no control, have apparently rendered its use impracticable.

I have the honor to be
Sir
Your Most Obdt. Servant.
Bidie M/ Surgeon Major
Supdt. Govt. Central Museum.

Financial (1881) Department
(Stationery)

From

The Superintendent
Government Central
Museum.

To 733/81

R. D.
12 MAR 81

No 143
/R Nos: 203 & 489 re '81/

Dated 11th } March/81
Recd 12 }

~~No 633~~

Subject

Submits final remarks on the red ink prepared from Red-Wood.

Desp 25/3

No. 598

9 P

Financial Dept.

733/16

Official Memo.

The Superintendent of Stationery is requested to report whether he has in stock sufficient fuchsine to issue — to Government Offices *other* than the Account Offices where it is not proposed to allow its use.

25 March 1881.

CM

DISPOSED OF
25 APR 81
BY G. O. No.

The Supdt of Stationery, Madras.

S.P.
22/3/81

D.O.

P.T.O.

Despd 25/3/82

D/O.

Dont print this

My dear Beddome,

It is stated in a letter from the Principal of the Inland Revenue Laboratory, Somerset House, that the ink supplied to the Stationery Office by Messrs Blackwood & Co is made chiefly from "Brazil wood" - Please inform me if the ~~red~~ wood here spoken of is the Sappan (Caesalpinia Sappan) or the Sanders wood (Pterocarpus Santalinus) - The wood appears to be the base of the red-ink manufactured at home; but attempts to make good red ink ~~from it~~ in Madras ~~have~~ from the Pterocarpus Santalinus have failed, the ink being of a dingy red to commence with and in time fading away.

GM

733/17

23/3/82

100

Stationery Office
Madras 29th March 1881

No. 1833

CURRENT No. 807.

From,
The Superintendent of Stationery
733/18 Madras

To,
The Under Secretary
to Government
Financial Department

Sir,

In reply to your Official Memo, Financial No. 598, d/25th March 1881, I have the honor to report that the stock of fuchsine in hand is sufficient for issue to the Govt. Offices referred to.

I have the honor to be,
Sir,
Your most obedient Servant.

J G Ferrand
Suptt. of Stationery
lwe

DISPOSED OF
26 APL. 81
BY. G. O. No.

733/19

Financial 1881 Deptt:
(Stationery).

From,
The Superintendent of Stationery
Madras

To,
The Under Secretary
to Government
Financial Deptt
Fort St George

Dated 29 }
Received 29th } March 1881

No. 1833

~~Enclosure~~ CURRENT No. 807.
~~Subject~~

to 733/21

Reporting that there is sufficient stock of Fuschine in hand for issue to Govt. offices other than account Branch

Ansd

733/20

Financial DEPARTMENT.

Stationery
Red ink.

Under Disposal Docket.

PAPERS to be read in Proceedings:—

× No. 37 of 1881.
× No. 203 of
Ref. No. 197 of
× No. 489
Ref No. 412
× No. 633.
Memo No. 598
[D.O. d/ 25/3]
× No. 807
[D.O. d/ 28/3.]

Hon. W. Huddleston

Despatch as
altered.

C 14/4/82
R 25/4/82

26/4/81

28th March.
002

My dear Muster 733/21

The "Brazil wood" of commerce is the Caesalpinia echinata, it is largely imported into England & very probably all the red ink may be made of it; we have not this tree, but it would I think grow if introduced—

The "Sappan" of commerce Caesalpinia Sappan is a common tree with us it yields a reddish dye which is I believe chiefly used for dyeing cotton goods

Pterocarpus santalinus.

is exclusively S. Indian, & is largely exported to England as a dye wood, but I do not know for what particular purposes

Yrs Sincerely

R H Beddome

Letter from the Supdt. of Stationery, No. 1496, dated 10th January, /87.

For orders.

It is not apparent what has induced the Govt. of India to repermit the use of fuchsine, when it is on record that the aniline in question is "readily and completely obliterated" by the use of alcohol. But whatever may have been their reasons, it is submitted that the Madras Govt. is not thereby compelled to reintroduce the fuchsine ink, the use of which, in G.O. No. 505 of the 9th March, 1880, was finally and definitely prohibited. It would be objectionable to have entries made with an ink, which can be thus obliterated, in the books of any office, but it would be specially undesirable in the case of account offices, as inviting fraud.

5.12.81

14/1

Fuchsine or Redwood
ink.

Geo. W. Huddleston

c7/1
2/25/1

Financial Departt.

733
24

Note

G.O. No. 2601 d/
27th October, 1877.
Finl. Dept.

In 1877 the Govt: of India sanctioned a proposal to introduce in all Govt: Offices red-ink made of Fuschine Aniline. That ink had, before the receipt of Mr: Hollingbery's endorsement of the 24th Septr: No: 3265, been in use in this Presidency.

Where permanence is essential (as in Acct.) I think it absurd to sanction the continued use of a red ink wh: can be readily & completely obliterated by sponging with spirit. Ank.

G.O. No. 782 d/
25th April, 1879.
F. D.

In April, 1879, an accident, by which some alcohol was spilt over a manuscript

Whether we can find a cheap substitute

indentcident with red ink entries, showed that writing in ink made of Fuschine could be easily and wholly obliterated by alcohol.

Mr. Tapp the late Accountant General then observed that it was important for the requirements of his office that "the examination "marks made in red "ink in accounts and "vouchers should "not be susceptible "of obliteration", and requested that his office might be furnished with some

description

in this country for the Fuschine is and the question. Write to Supt. & Dr Bidie's [illegible] that was [illegible]

G.O. No. 1016 d/ 26th May, 1879. F.D.

---

formerly could make a very good red ink but have lost the art. [illegible] that I have often observed that in old records the red ink entries have become almost invisible.

Do. tell Supt. of Stat. & indent for small supplies of

the approved red ink from home for trial purposes. Ask Dr. B. if he has not already done so. & consult the Chemical Professor on the

---

G.O. No. 1144 d/ 17th June, 1879, F.D.

---

subject of improving the red wood article of local manufacture

---

G.O. No. 1237 d/ 2d July, 1879, F.D.

Is what is called Brazil wood different from our redwood?

G.O. No. 1433 d/ 29th July, 1879, F.D.

Ask Col. Beddome [illegible] & the the

description of red ink which would not be open to this objection.

On receipt of the report of the discovery made by the Surgeon General, the Govt. of India ordered the supply of red ink made of the Fuschine Aniline to be discontinued.

Dr. Bidie was now (July '79) requested to try and manufacture red ink from the Sappan wood, and the Indent for Fuschine ink for 1880-81 was cancelled.

The results

they to

Reply put up. both belong to the same genus — Caesalpinia.
S.H.P.

of Dr. Bidie's experiments will be found in G. O. No: 1872 of the 29th Septr: 1879. The alkaline solution of the colour obtained from the "red-wood" (whence the scarlet dye santalin) appeared satisfactory. The ink thus prepared was described as being "of a deep but very decided red"

The Govt: approved the ink and directed its use in preference to the Iuschine ink.

G.O. No. 505 d/9th March/80. F.D.

In January, 1880, Mr: Jupp complained that the colour of the ink prepared according to Dr. Bidie's formula was not red but a dingy brown. Dr. Bidie in reply defended the colour of his ink, which he held to be dark red, the colour of the Iuschine ink being magenta. He ascribed the differences in the colour of the "red-wood" ink to the quality of the soda used in its manufacture.

Mis. G.O. No. 2271 d/6th Dec./80.

Govt: thereon informed the Acctt: General that Iuschine ink was not to be used.

In November last, the Govt: of India rescinded their orders

Case of the Home Manufacture.

Meanwhile if the Supdt. of S. has Iuschine in stock I wd. let him issue it for use of others than for Acct. purposes.

L.B.

orders prohibiting the use of ink made from Fuschine Aniline (Resolution No: 3649 d/12th Novr:). Thereon the Examiner of Railway Accounts indented for some Fuschine, and the Supdt: of Stationery submitted the case for orders.

The Hon'ble Mr: Hudleston concurred in the note for orders with which Mr: Ferrand's letter was submitted, and an order maintaining the prohibition of the use of Fuschine ink was on the point of issuing, when a further representation was received from the Accountant-Genl: (C. No: 203).

In this letter Mr: Jupp drew attention to the fact that the colour of the red-wood ink – however it might at first be described – turned into a dark brown, only to be distinguished from the ordinary black ink under a strong light. All minus entries in accounts are entered in red ink, and the inconvenience of their thus changing colour is obvious.

On receipt of this letter, Dr. Bidie was asked if he could suggest any means for making the red ink keep its colour better.

Next came a complaint from the Board of Revenue, supported by the Secy: to Govt: in the Revenue Deptt: (C No. 489). This too was referred to Dr. Bidie. His report is now submitted. He says that the Madras Moochies have lost the art of making the ink properly; that in old days they prepared ink from Sappan wood without difficulty, by a process more complicated than his formula; that there is no doubt that red wood will yield if properly treated a good red colour and very permanent; but that he must confess his "inability to get the Moochie of the period to extract the colour and make proper red ink."

I would submit that it is not desirable to allow the use of Fuschine ink in the Account Offices, but that, under the circumstances there is no alternative but to permit its re-introduction in all other offices, and to supply the Account Offices (specially) with red-ink compounded of Carmine, liquor ammoniae, and gum, or with Messrs: Blackwood & Co's Brazil wood – vide report by Mr: Bell, Principal of the Inland Revenue Laboratory at Somerset House – Enclosed in the Secretary of

of State's Despatch No: 15 d/. 24th Decr: '79 (G.O No: 198 d/ 24th Jany: '80).

A.S.P.
16/3/81

Stationery
(Red Ink).

37
203
489
633

Sec. W. Huddleston
~~P.S. the Gov~~

C 18.3.81
R 21.3.81

Financial Department.

733/30

11 P

PROCEEDINGS *of the* MADRAS GOVERNMENT.

READ the following ~~letter~~

× No 37 of 1881.
× " 203 " "
Ref " 197 " "
× " 489 " "
Ref " 412 " "
× " 633 " "
Memo " 598 " "
D.O. d 25/3 "
× No 807 " "
D.O. d 28/3 "

Draft Order. 26 April 1881.
No 733.

The Superintendent of Stationery is authorised to issue fuschine to Government Offices at the Presidency other than Offices of Account.

2. As regards the latter, the Rt. Hon. the Governor in Council declines to sanction

the use of a red ink which can be readily and completely obliterated by sponging the paper with alcohol.

and The Superintendent of Stationery will therefore indent for small supplies of the red [illegible] ink recommended for use by the Principal of the Inland Revenue Laboratory, Somerset House, which is compounded of Carmine, liquor ammoniae, and gum, for use in the Account Offices.

3. Dr. Bidie will consult the Chemical Professor on the subject of improving the locally made red-ink. It

might

733/31

128

might be advisable to attempt to introduce the Caesalpinia Echinata, or Brazil wood of English Commerce, which Mr. James Bell states to be the base of the red ink used in the Stationery Office, London.

No 57-203-489-633
OM 589-4-8070-0
400l

To
The Supdt. of Stationery. Despd 17/5
All Heads of Depts. Despd 18/5
The Accountant General
Depts of Secretariat
Board of Revenue } Despd 17/5

13/4/87

Govt. of {188 } Madras.

To

Dated } 188 , No.
Recd. }

Nos.

Jul DEPARTMENT.

List showing the distribution of the Proceedings of Government, dated *26 April 88* **No.** *733*

733/32

Revenue Department, for information and for communication to Subordinate Officers .. *11* ✓
Public Works Department, do. do. .. *31* ✓
Military Department, do. do. .. *21* ✓
Board of Revenue do. .. *16* ✓

JUDICIAL.
Honorable the Judges of the High Court, for information and for communication to Subordinate Officers .. *30*
Inspector-General of Police, do. do. .. *30*
Inspector-General of Jails, do. do. .. *35*
Magistrates of the Town Police Court .. *3*
Do. of the Egmore Police Court .. *3*
Judges of the Madras Court of Small Causes .. *3*
Advocate-General .. *1*
Government Solicitor .. *1*
Administrator-General .. *1*
Coroner of Madras .. *1*
Inspector-General of Registration .. *10*
Sheriff of Madras .. *1*
Government Pleader .. *1*
Registrar of the Joint Stock Companies ..

PUBLIC.
Surgeon-General with the Government of Madras, for information and for communication to Subordinate Officers .. *6*
Sanitary Commissioner .. *6*
Health Officer .. *1*
Committee for the Examination of Assistants .. *3*
Private Secretary to the Right Honorable the Governor .. *1*
Government Astronomer .. *3*
Superintendent, Government Central Museum .. *3*
Chemical Examiner .. *6*
Superintendent of Stationery .. *1*
Supdt ~~Supervisor~~ of the Government Press .. *3*
Protector of Emigrants ..
~~Tamil Translator to Government~~ ..
~~Telugu do. to~~ do. ..
~~Malayalum do. to~~ do. ..
~~Canarese do. to~~ do. ..
~~Hindustani do. to~~ do. ..
~~Postmaster-General~~ ..
~~Superintendent, Electric Telegraphs~~ ..
Examiner of Medical Accounts ..
Committee for the Management Government Workhouse, Madras ..

POLITICAL.
~~Resident in Travancore and Cochin~~ ..
Government Agent at Chepauk .. *3*
~~Do. at Tanjore~~ ..
~~Political Agent at Poodoocottah~~ ..
~~Collector in charge of the~~ Special Agent's Department at Cuddalore ..
~~Officer in charge of the Stipend~~ Pay Office at Vellore ..
~~British Consular Agent, Pondicherry~~ ..
~~Do.~~ Karikal ..

ECCLESIASTICAL.
The Right Reverend the Bishop of Madras .. *6*
Venerable Archdeacon of Madras .. *6*
Senior Chaplain of the Church of Scotland .. *6*

MARINE.	Master Attendant, Madras, for information and for communication to Subordinate Officers	6
FINANCIAL.	Accountant-General	6
	Commissioner of Paper Currency	3
EDUCATIONAL.	Director of Public Instruction	20
	Commissioner for the Uncovenanted Civil Service Examinations	3

733/33

[illegible]

Govt. of {1881} Madras.

Finl

DISPOSED OF

26 APL 81

(335) BY. G. O. No. 733

Stationery. The Supdt. of Stationery authorized to issue fuchsine to Govt. Offices other than offices of account and, as ~~the~~ regards the ~~latter~~ latter, ~~the Supdt~~ to indent for small supplies of Blackwood's red ink recommended for use by the Principal of the Inland Revenue Laboratory, Somerset House.