

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2204	Press
46-47	Mis.
Dated 2-8	1864.

Not to be folded or roughly handled

119

*Proceedings of the Madras Government, Public Works Department,
2nd August 1864.*

No. 46. Read the following Endorsement of the Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated July 1864.

From Captain J. F. FISCHER, R. E., Executive Engineer, 1st Division, to Lieutenant-Colonel E. HEMERY, R. E., Superintending Engineer, 3rd Division, dated Bellary, 15th July 1864, No. 27:—

SIR,

1. With reference to Government Order No. 729, dated 28th June 1864, I have the honor to report that I have not had any opportunity of using the "Gambier composition," and it appears to me the material is not easy of application in existing buildings though it might be used in laying down floors or in capping walls with. I have, however, on several occasions used a strong solution of "Sir William Barnett's disinfecting fluid," and with marked success in every occasion excepting one, and now beg to submit the following instances of its application:—

I.—A fine young Banyan tree in my compound was infested with these animals; having brought a quantity of this fluid with me from England, I tried its effects on them and destroyed the whole nest in one application, the strength of the solution used was one part of the fluid to 100 parts of water.

II.—In the rafters both of the inner and outer verandah of the quarters occupied by the Apothecary on the Ramandroog, and in one of the windows of the quarters belonging to Quarter Master Serjeant Lilly at the same station, white-ants were constantly making their appearance, a quantity of the solution of the same strength as the above was poured into the nest at the window and all the rafters were well washed with it, since the application there has not been any appearance of these animals.

III.—I discovered a large nest of white-ants in the Racquet Court at Bellary about 9 o'clock A. M., one morning, and at once poured into it a solution of one part of fluid to fifty parts of water, and at 5 o'clock P. M., the same day, not an insect was to be seen and none since.

IV.—Three small pieces of timber, one Deal, one Red-wood and one Black-wood, were steeped for ten days in a strong solution of the fluid, and buried for a similar period in a white-ants' nest; the Deal has been almost destroyed by the insects, but the other pieces have not been touched; at present I am unable to account for the failure in this instance.

* Since writing the above this Magazine has been opened and not a trace of these animals is to be found.

(Signed) J. F. FISCHER, Captain, R. E.,

V.—I have lately applied a quantity of this fluid in solution to one of the Magazines at this station, and will note the results, but I have very little doubt of its success.*

2. The application of this remedy is very easy, and appears to afford every probability of being successful in most instances; from its well known disinfecting properties it is a most useful article to keep in such a country as this, and requires only great care in its use to be beneficial in every house. I mention this as the fluid is a very strong poison and quite colourless in solution, so that if left in any vessel not properly marked it would very likely be taken for water and with fatal results if drunk even in small quantities—See Taylor on poisons "Choloride of Zinc."

Forwarded with reference to paragraph 2, Order of Government No. 1,932, dated 4th July 1864.

(Signed) E. HEMERY, Lieut.-Colonel, R. E.,
Superintending Engineer, 3rd Division.

No. 47. ORDER THEREON, 2nd August 1864, No. 2,204.

Communicated to the Public Department with reference to the Orders in that Department No. 729, dated 28th June 1864.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

To the Public Department.

" Superintending Engineer, 3rd Division.
To all other Superintending Engineers.

Exd. S. T. Augustin.

10/17/86 Dapa

N^o 3009

From the Supg Eng.

& Dist^r 2204-2nd Aug/64

31 July/64

Recd. 25

31 Forwarding letter from
Adm. Engr. Bellamy stating that he had not
any opportunity of seeing the "Gambian"
composition as a preservative against
white ants, and that "San William's Ber."
"anti-disinfecting fluid" had been in many
instances applied with success.

1946-47

Forwarded into reference
to Para 2: Order of Govern-
ment N^o 1932 dated 4
July 1864.

W. H. Bellamy
Supt. Engineer & Dist.

90W 3339/64

Pro. of Govt. for ship.

From Capt J. J. Frachon
P. E.
Env. Eng. 1st

To: 2222/B.
The Deputy Engineer
3rd Div.

Dated 15th } July 1864
Recd 18th }

2204-2nd August/64

No. 27

Informing had not any
opportunity of using "Landing
Composition" transmitting
the pictures of the effects
obtained by the application
of solution

Communicated to the Public
Departments with reference to the orders
in that Department of 29-29-acted 28th June

1864-

W. H. Public Dept.
Dept. Engineer 329
All other ship Engineers
1864-
Chester 22
2nd August/64
Dept. 3rd August.