

Local & Munl. (1899) Department.

PRINTED.

G.O., No. 97 P ✓

DATED 18-1-99

Despatch
M. P.
18.1.99

[Despatch Abstract.]

Plague infection.

Communicating to the Plague & Sanitary Commissioners
letter from the Government of Bombay forwarding copy of
its resolution on M. Haffkine's report on the conveyance
of _____ by monkeys & squirrels.

BACK PAPERS.

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

FURTHER PAPERS.

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

Government {1899} of Madras. LOCAL AND MUNICIPAL.

Recd.

Enclosures

Regd.

1899.

Spare copies

G.O., No. 97 P., 18th January 1899.

JANUARY.

Plague direction.

Communicating to the Plague and Sanitary Commissioners letter from the Government of Bombay forwarding copy of its resolution on Monsieur Haflkine's report on the conveyance of — by monkeys and squirrels.

No. 97 P., 18TH JANUARY 1899.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following paper:—

From the Hon'ble Sir A. WINGATE, I.C.S., K.C.I.E., Acting Chief Secretary to the Government of Bombay to the Secretary to the Government of Madras, Local and Municipal Department, dated Bombay Castle, 11th January 1899, No. 160-P.

I am directed to forward, for the information of the Government of Madras, a copy * of this Government Resolution No. 128-P., dated the 9th January 1899, on the subject of Monsieur Haffkine's report on the conveyance of plague infection from place to place by monkeys and squirrels.

* With ten spare copies.

ENCLOSURE.

Plague—Reports.

[Conveyance of plague infection from place to place by monkeys and squirrels.]

General Department (Plague).
No. 128-P.

BOMBAY CASTLE,
9th January 1899.

Memorandum from the Plague Commissioner, No. 27, dated the 7th January 1899—
Submits the following letter from Monsieur W. M. Haffkine, C.I.E., No. 1165, dated the 6th idem:—

"I have the honour to report that Dr. (Miss) Corthorn, on plague duty at Gadag, Dhárwár District (Bombay), has forwarded to this Laboratory cultivation tubes inoculated with the organs of two brown monkeys (apparently "Macacus Tinicus," the Bonnet monkey family), out of a total of seven which were observed in Gadag to drop dead from trees; and with the organs of a grey striped squirrel ("Sciurus Palmarum") found dead in the same town.

"In both cases plague microbes were isolated by Captain Milne of this Laboratory from the samples received; and when subjected to cultivation tests and to inoculation into rats, showed themselves identical with the microbes of human plague patients.

"2. At the time of the outbreak in Kankal, Hardwár Municipal Union, in November 1897, in the streets there, showed bacilli corresponding in their outward form to plague microbes; but as no living cultures of those microbes were secured at the time, the authentic nature of the disease could not be further defined. The present is, therefore, the first instance of the fact of natural plague in monkeys being unmistakably established.

"3. As regards squirrels it appears that Dr. Simond, of the Pasteur Institute, Saigon, during his visit to Karachi, about a year ago, has stated to have found plague microbes in those animals. But as the manner in which he diagnosed the plague bacilli was not known to me to be decisive, I was not prepared to accept the statement as final.

"4. Apart from hydrophobia, glanders, anthrax, a few skin and hair diseases, &c., which do not exist in men in epidemic form, plague is the only disease with regard to which it is known now for certain that it affects epidemically both human communities and animals. Up to this date, however, the rat was the only animal representative of this kind known. It is to be accepted at present that, apart from the rat, the monkey and the squirrel can get naturally

No. 97 P., 18TH JANUARY 1899.

affected by that disease also, though, as observation shows, in far not such a widespread form as is the case in man and rats. The monkey and the squirrel represent, therefore, two further factors capable of carrying the germs of plague from place to place, apart from the travelling man and the rats."

Resolution.—The report should be printed and circulated to all officers and Departments concerned and placed on the Editors' Tables. A copy should also be furnished to the Government of India and all other Governments for information.

(Signed) A. WINGATE,
Acting Chief Secretary to Government.

To the Secretary, Indian Plague Commission.

- „ the Plague Commissioner.
- „ the Commissioner in Sind.
- „ the Commissioner, N.D.
- „ the Commissioner, C.D.
- „ the Commissioner, S.D.
- „ the Municipal Commissioner for the City of Bombay.
- „ the Surgeon-General with the Government of Bombay.
- „ the Sanitary Commissioner for the Government of Bombay.
- „ all Collectors, including the Collectors and Deputy Commissioners in Sind

(For communication to the District Superintendents of Police).

- „ the Political Agents, Káthiáwár, Kóhipur and Southern Marátha Country, Cutch, Mahi Kántha and Rewa Kántha.
- „ the Political Superintendents, Pálanpur and Sávantvádi.
- „ the Chairman, Poona Cantonment and Suburban Plague Committee.
- „ the Chairman, Belgaum Plague Committee.
- „ the Chairman, Karáchi Plague Committee.
- „ the Chairman, Hyderabad Plague Committee.
- „ the Chief Plague Authority, Poona City.
- „ the Health Officer of the Port of Bombay.
- „ the Supervising Medical Officer, Railway Medical Inspection.
- „ the Deputy Adjutant-General, Bombay Command.
- „ the Principal Medical Officer, Bombay Command.
- „ W. M. Haffkine, Esq., C.I.E.
- „ the Private Secretary to His Excellency the Governor.
- „ all Departments of the Secretariat (except the Separate, Legislative and Ecclesiastical Departments).
- „ the Chief Commissioner, Central Provinces.
- „ the Chief Commissioner, Assam.
- „ the Resident at Hyderabad.
- „ the Resident at Mysore.
- „ the Agent to the Governor-General at Baroda.
- „ the Government of India.
- „ the Government of Madras.
- „ the Government of Bengal.
- „ the Government of the North-Western Provinces and Oudh.
- „ the Government of the Punjab.
- „ the Government of Burma.
- „ the Editors' Table, Bombay.
- „ the Editors' Table, Poona.
- „ the Editors' Table, Dharwar.
- „ the Editors' Table, Belgaum.

} By letter.

No. of 1899.

Copy forwarded for information and guidance to

ORDER—No. 97 P., dated 18th January 1899.

Communicated to the Plague and the Sanitary Commissioners.

(True Extract.)

for *Secretary to Government.*

To the Plague Commissioner.
 " the Sanitary Commissioner.
 " the Surgeon-General.
 " the President, Municipal Commission, Madras.
 " the Departments of the Secretariat.
 " all Collectors.
 Editors' Table.

Exd. A. F. Eccleston.

Government { 1899 } of Madras.
LOCAL AND MUNICIPAL.

Proof for approval

23/1/38

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Recd.

Enclosures

Regd.

1899.

Spare copies

G.O., No. 97 P., 18th January 1899.

JANUARY.

Plague infection.

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"In both cases plague microbes were isolated by Captain Milne of this Laboratory from the samples received; and when subjected to cultivation tests and to inoculation into rats, showed themselves identical with the microbes of human plague patients.

"2. At the time of the outbreak in Kankal, Hardwar Municipal Union, in November 1897, microscopic specimens made with the organs of six out of a couple of dozen monkeys found dead in the streets there, showed bacilli corresponding in their outward form to plague microbes; but as no living cultures of those microbes were secured at the time, the authentic nature of the disease could not be further defined. The present is, therefore, the first instance of the fact of natural plague in monkeys being unmistakably established.

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"4. Apart from hydrophobia, glanders, anthrax, a few skin and hair diseases, &c., which do not exist in men in epidemic form, plague is the only disease with regard to which it is known now for certain that it affects epidemically both human communities and animals. Up to this date, however, the rat was the only animal representative of this kind known. It is to be accepted at present that, apart from the rat, the monkey and the squirrel can get naturally

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10 To the Plague Commissioner.
 8 the Sanitary Commissioner.
 6 the Surgeon-General.
 85 the President, Municipal Commission, Madras.
 743 the Departments of the Secretariat.
 57 all Collectors (A-C)
 883 Editors' Table.
 890

*Depd
in for
26/1/99*

Local & Munl. (1899) Department.

CURRENT No. 110 P

From The Govt of Bombay.

Order 97 P 9718-1-99

Communicated to the Plague
And the Sanitary Commissioners

No. 160 P

V.R.
19/1/99

18/1/99

Dated 11- Jan 9/99

Received 16-

Registered 17-

Enclosure 1

Spare copies.

To
 The Plague Commissioner
 " Sanitary Commissioner
 " Surgeon-General
 " President, M.C. Madras
 " Departments of the Secretariat
 all Collectors
 Editors' Table

SUBJECT.

Forwarding copy of the Resolution
 of the Govt of Bombay on the sub-
 ject of M. Haffkins's report on the
 conveyance of plague infection from
 place to place by monkeys and
 squirrels.

BACK PAPERS.

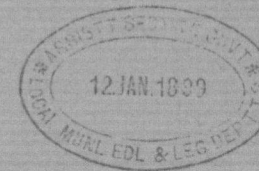
G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

1109 10

No. 160 of 1899.
P.



GENERAL DEPARTMENT (PLAGUE).

Bombay Castle, 11th January 1899.

FROM

THE HONOURABLE SIR A. WINGATE, K.C.I.E., I.C.S.,
Acting Chief Secretary to Government;

TO

*The Secretary to the Government of Madras,
Local and Municipal Department.*

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+ with 10 spare }
copies.

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Your most obedient Servant,

M. A. A.
Acting Chief Secretary to Government.

28n

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The Secretary, Indian Plague Commission,
The Plague Commissioner,

[P. T. O.]

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 The Municipal Commissioner for the City of Bombay,
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 The Government of Bengal,
 The Government of the North-Western Provinces and Oudh,
 The Government of the Punjáb,
 The Government of Burma.
 The Editors' Table, Bombay,
 The Editors' Table, Poona,
 The Editors' Table, Dhárwár,
 The Editors' Table, Belgaum.

By letter.

No. of 1899.

Copy forwarded for information and guidance to

First copy sent to Press.

Returned for signature.

Despatched in print.

READ AGAIN G.O., No.
 189

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

SENT WITH DITTO.

NOT FILED UP, BEING MEANT FOR DESPATCH
 ORIGINAL.

N.B.:-

A = Print in full.
 B = Not to be printed.
 P = Print abstract only.
 Q = Print heading only.

NUMBER OF COPIES
 REQUIRED. { Order complete.
 Letter only.
 Order complete with Letter.

one proof 5 p.c. 23/1/99
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