

## GOVERNMENT NOTIFICATION.—No. 17.

The following Report by Dr. J. C. THOMSON, M.D., M.A., on the results of his examinations of mosquitoes during the fourth quarter of 1900, is published.

By Command,

J. H. STEWART LOCKHART,  
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 11th January, 1901.

No. 3.

HONGKONG, 1st January, 1901.

SIR,—I have the honour to submit for the information of His Excellency the Governor the results of my examination of mosquitoes supplied to me during the past three months through the kind co-operation of the Honourable F. H. MAY, C.M.G., and the officers of the Police force stationed throughout Hongkong and the New Territory.

2. I enclose tables showing in detail my observations during the months of October, November and December respectively, and a fourth table summarizing the same for the quarter.

3. The column "Other Genera" in these tables includes all insects other than Anopheles or Culex (as a rule not mosquitoes) occasionally included in the various consignments, and for practical purposes may be discounted entirely. Deducting the total of this column, 125, from the total specimens received, 3,664, there remains a net total of 3,539 mosquitoes examined. Of these, 294, *i.e.* 8.3 per cent., were found to be Anopheles, of two species, and 3,245, *i.e.* 91.7 per cent., Culex, of seven species. In the figures that follow, I deal in each case with the net total in calculating the relative prevalence of the two more important genera of mosquitoes.

4. The monthly percentage of Anopheles and Culex in the specimens examined has been as follows:—

	MOSQUITOES EXAMINED.	ANOPHELES.		CULEX.	
		Number.	Per Cent.	Number.	Per Cent.
October, .....	401	106	26.4	295	73.6
November, .....	796	50	6.3	746	93.7
December, .....	2,342	138	5.9	2,204	94.1
The three months, .....	3,539	294	8.3	3,245	91.7

5. Specimens of Anopheles were included, in the proportions given below, in parcels received from the following stations:—

	MOSQUITOES EXAMINED.	ANOPHELES.		CULEX.	
		Number.	Per Cent.	Number.	Per Cent.
No. 1, Station, .....	260	6	2.3	254	97.7
Pokfulam, .....	19	13	33.3	26	66.7
Aberdeen, .....	101	1	1	100	99
Stanley, .....	147	3	2	144	98
Shek O, .....	125	70	56	55	44
Tai Po, .....	216	111	51.4	105	48.6
Sha Tau Kok, .....	141	54	38.3	87	61.7
Sheung Shui, .....	76	1	1.3	75	98.7
San Tin, .....	8	1	12.5	7	87.5
Tai O, .....	68	20	29.4	48	70.6
Tung Chung, .....	55	11	20	44	80
Cheung Chau, .....	575	1	0.2	574	99.8
Lamma, .....	32	2	6.2	30	93.8

6. No Anopheles were found among the mosquitoes sent from the following stations:—

No. 2, No. 3, No. 6, No. 7, No. 8, Kennedy Town, Shaukiwan, Tsim Sha Tsui, Yau-mati, Fuk Tsun Heung, Hunghom, Kowloon City, Sha Tin, Sai Kung, and Kat O.

7. I have received no specimens during the past three months from Central Station, No. 5, Mount Gough, Tsat Tsze Mui, Stone Cutters' Island, Sha Tin Gap, Au Tau, or Ping Shan, but all the other Police stations have contributed more or less regularly.

8. I do not propose to include in these returns mosquitoes that I breed out from the larval state in captivity for purposes of my investigation, nor considerable numbers that are from other sources sent to me for examination, since these are to some extent selected. At the Police stations no selection is made, all insects believed to be mosquitoes caught at certain dates being forwarded to me; and as the stations are approximately equally scattered over the Colony and its Dependencies, they fairly well represent the whole area. I propose, if time at my disposal permit, to extend my enquiry over the whole of 1901, and, while the examination of any particular package of mosquitoes may yield information of no great value, the aggregate of my observations should result in an approximately accurate classification of the mosquitoes that prevail in the Colony.

I have the honour, to be,

Sir,

Your obedient servant,

JOHN C. THOMSON,

M.D., M.A.

Dr. JOHN BELL,

Acting Principal Civil Medical Officer,

&c., &c., &c.

PREVALENCE OF MOSQUITOES, DURING THE MONTH OF OCTOBER, 1900.

NAME OF STATION.	Specimens received.	ANOPHELES.		CULEX.		Other Genera.	Cases of Mal. Fever admitted to Govt. Civil Hospital from Police.
		Number.	Species.	Number.	Species.		
Central Station, .....	...	...	...	...	...	...	16
No. 1 Station, .....	9	...	...	9	...	...	None.
No. 2 " .....	...	...	...	...	...	...	5
No. 3 " .....	5	...	...	5	...	...	None.
No. 6 " .....	...	...	...	...	...	...	1
No. 7 " .....	18	...	...	18	...	...	8
No. 8 " .....	6	...	...	6	...	...	3
Mount Gough, .....	...	...	...	...	...	...	1
Pokfulam, .....	18	8	...	10	...	...	1
Aberdeen, .....	5	...	...	5	...	...	None.
Stahley, .....	49	2	...	47	...	...	None.
Shaukiwan, .....	...	...	...	...	...	...	1
Tsat Tsze Mui, .....	...	...	...	...	...	...	2
Tsim Sha Tsui, .....	11	...	...	11	...	...	None.
Hung Hom, .....	20	...	...	20	...	...	1
Kowloon City, .....	21	...	...	21	...	...	1
Sha Tin, .....	...	...	...	...	...	...	1
Sai Kung, .....	5	...	...	5	...	...	1
Tai Po, .....	131	65	...	66	...	...	4
Sha Tau Kok, .....	22	21	...	1	...	...	5
San Tin, .....	8	1	...	7	...	...	None.
Au Tau, .....	...	...	...	...	...	...	10
Ping Shan, .....	...	...	...	...	...	...	3
Tai O, .....	15	7	...	8	...	...	1
Tung Chung, .....	16	1	...	15	...	...	1
Chéung Chau, .....	29	...	...	29	...	...	None.
Lamma, .....	13	1	...	12	...	...	None.
Total, .....	401	106	...	295	...	...	66

## PREVALENCE OF MOSQUITOES, DURING THE MONTH OF NOVEMBER, 1900.

NAME OF STATION.	Specimens received.	ANOPHELES.		CULEX.		Other Genera.	Cases of Mal. Fever admitted to Govt. Civil Hospital from Police.
		Number.	Species.	Number.	Species.		
Central Station, .....	...	...	...	...	...	...	7
No. 1 Station, .....	36	...	...	36	...	...	None.
No. 2 " .....	10	...	...	10	...	...	None.
No. 3 " .....	16	...	...	16	...	...	None.
No. 6 " .....	10	...	...	10	...	...	None.
No. 7 " .....	41	...	...	41	...	...	3
Kennedy Town, .....	12	...	...	12	...	...	None.
Mount Gough, .....	...	...	...	...	...	...	2
Pokfulam, .....	12	5	...	7	...	...	1
Aberdeen, .....	25	...	...	24	...	1	None.
Stanley, .....	38	...	...	38	...	...	1
Shaukiwan, .....	20	...	...	20	...	...	None.
Tsim Sha Tsui, .....	22	...	...	22	...	...	None.
Yaumati, .....	106	...	...	106	...	...	None.
Fuk Tsun Heung, .....	15	...	...	15	...	...	None.
Hung Hom, .....	146	...	...	146	...	...	None.
Kowloon City, .....	93	...	...	93	...	...	2
Sha Tin Gap, .....	...	...	...	...	...	...	2
Sha Tin, .....	24	...	...	22	...	2	None.
Tai Po, .....	55	33	...	22	...	...	None.
Sha Tau Kok, .....	...	...	...	...	...	...	1
Sheung Shui, .....	...	...	...	...	...	...	2
San Tin, .....	...	...	...	...	...	...	1
Tai O, .....	20	9	...	11	...	...	1
Tung Chung, .....	14	3	...	10	...	1	None.
Cheung Chau, .....	85	...	...	85	...	...	None.
Total, .....	800	50	...	746	...	4	23

## PREVALENCE OF MOSQUITOES, DURING THE MONTH OF DECEMBER, 1900.

NAME OF STATION.	Specimens received.	ANOPHELES.		CULEX.		Other Genera.	Cases of Mal. Fever admitted to Govt. Civil Hospital from Police.
		Number.	Species.	Number.	Species.		
Central Station, .....	...	...	...	...	...	...	8
No. 1 Station, .....	231	6	...	209	...	16	None.
No. 3 " .....	157	...	...	108	...	49	None.
No. 7 " .....	141	...	...	134	...	7	2
Kennedy Town, .....	107	...	...	102	...	5	None.
Pokfulam, .....	14	...	...	9	...	5	None.
Aberdeen, .....	75	1	...	71	...	3	None.
Stanley, .....	61	1	...	59	...	1	None.
Shek O, .....	127	70	...	55	...	2	None.
Shaukiwan, .....	119	...	...	119	...	...	None.
Tsat Tsze Mui, .....	...	...	...	...	...	...	1
Tsim Sha Tsui, .....	75	...	...	75	...	...	None.
Yaumati, .....	168	...	...	168	...	...	None.
Fuk Tsun Heung, .....	41	...	...	40	...	1	None.
Hung Hom, .....	90	...	...	90	...	...	None.
Kowloon City, .....	128	...	...	128	...	...	1
Sai Kung, .....	65	...	...	53	...	12	None.
Tai Po, .....	33	13	...	17	...	3	2
Sha Tau Kok, .....	120	33	...	86	...	1	None.
Kat O, .....	80	...	...	80	...	...	None.
Sheung Shui, .....	76	1	...	75	...	...	None.
Au Tau, .....	...	...	...	...	...	...	3
Tai O, .....	33	4	...	29	...	...	None.
Tung Chung, .....	28	7	...	19	...	2	None.
Cheung Chau, .....	461	1	...	460	...	...	None.
Lamma, .....	33	1	...	18	...	14	None.
Total, .....	2,463	138	...	2,204	...	121	17

## PREVALENCE OF MOSQUITOES, DURING THE QUARTER ENDING DECEMBER, 1900.

NAME OF STATION.	Specimens received.	ANOPHELES.		CULEX.		Other Genera.	Cases of Mal. Fever admitted to Govt. Civil Hospital from Police.
		Number.	Species.	Number.	Species.		
Central Station, .....	...	...	...	...	...	...	31
No. 1 Station, .....	276	6	2	254	4	16	None.
No. 2 " .....	10	...	...	10	1	...	5
No. 3 " .....	178	...	...	129	3	49	None.
No. 6 " .....	10	...	...	10	1	...	1
No. 7 " .....	200	...	...	193	4	7	13
No. 8 " .....	6	...	...	6	1	...	3
Kennedy Town, .....	119	...	...	114	4	5	None.
Mount Gough, .....	...	...	...	...	...	...	3
Pokfulam, .....	44	13	2	26	1	5	2
Aberdeen, .....	105	1	1	100	6	4	None.
Stanley, .....	148	3	2	144	4	1	1
Shek O, .....	127	70	1	55	2	2	None.
Shaukiwan, .....	139	...	...	139	5	...	1
Tsat Tsze Mui, .....	...	...	...	...	...	...	3
Tsim Sha Tsui, .....	103	...	...	108	3	...	None.
Yaumati, .....	274	...	...	274	4	...	None.
Fuk Tsun Heung, .....	56	...	...	55	3	1	None.
Hung Hom, .....	256	...	...	256	1	...	1
Kowloon City, .....	242	...	...	242	2	...	4
Sha Tin, .....	24	...	...	22	1	2	3
Sai Kung, .....	70	...	...	58	1	12	1
Tai Po, .....	219	111	2	105	3	3	6
Sha Tau Kok, .....	142	54	2	87	3	1	6
Kat O, .....	80	...	...	80	1	...	None.
Sheung Shui, .....	76	1	1	75	4	...	2
San Tin, .....	8	1	1	7	1	...	1
Au Tau, .....	...	...	...	...	...	...	13
Ping Shan, .....	...	...	...	...	...	...	3
Tai O, .....	68	20	2	48	4	...	2
Tung Chung, .....	58	11	2	44	2	3	1
Cheung Chau, .....	575	1	1	574	6	...	None.
Lamma, .....	46	2	1	30	3	14	None.
Total, .....	3,664	294	2	3,245	7	125	106

## GOVERNMENT NOTIFICATION.— No. 18.

The following Return is published in accordance with section 17 of Ordinance No. 18 of 1896.

By Command,

J. H. STEWART LOCKHART,  
Colonial Secretary.

Colonial Secretary's Office, Hongkong, 10th January, 1901.

*Return of Samples examined under "The Sale of Food and Drugs Ordinance, 1896,"  
for the quarter ended December 31, 1900.*

Description.	Number of Samples.	Number found genuine.	Number found adulterated.
Brandy, .....	3	2	1
Milk, .....	1	1	0
Whisky, .....	4	4	0

THOMAS J. WILD,  
Acting Government Analyst.