

ANNUAL REPORT SAN FRANCISCO, CAL., 1910 - 1911.

(IMMIGRATION DUTY)

During the fiscal year ended June 30, 1911, 10,353 aliens were examined by the officers on duty at this station, and 1012 certified for disease or physical defect. In addition, 282 vessels were boarded and 4,502 aliens crew examined.

A marked decrease in the number of trachoma certificates is noted, the percentage for the year previous (1909-1910) was five while for the year ending June 30, 1911, it was eight tenths of one per cent.

During the year it developed that a great number of the aliens arriving from the Orient brought with them uncinaria. The highest percentage of cases examined was found among the Hindus, and, as a matter of fact, the exclusion of these on the certificate of uncinariasis was a large factor in stopping the influx of the East Indian into this country. Next to the Hindu came the Japanese in numbers afflicted, then the Chinese. Summarized, the results of the examinations for uncinaria ova are as follows:

Race	Examined	Infected	Per cent.
Hindu	218	143	65.6
Japanese	528	290	54.1
Chinese	782	230	29.4
White	25	3	12.
	<u>1553</u>	<u>666</u>	<u>42.8</u>

Both the *anchylostoma duodenale* and the *necator Americana* were found in the Chinese and Japanese. In the Hindus the *anchylostoma* alone was identified. Owing, however, to the lack of time and assistants it was found impossible to carry out any complete examinations of cases, and in only a few was any attempt made to recover and identify the parasites passed. There is here an excellent opportunity for study of intestinal parasites as the supply of material is large and constantly new.

As to the geographical and social condition of those infected, the Hindus were almost wholly unskilled laborers and came for the most part from the Punjab, principally from the neighborhoods of Jalandar, Harshiar-pur and Ludhiana. There were five Afghans among those infected. As they had been some time in Hong Kong, it is not possible to say where they acquired the infection.

The Japanese were almost wholly women ("picture brides") and for the most part country girls. They came principally from the kens of Fukuoka, Kumamoto, Hiroshima and Totteri.

The Chinese came from the province of Kwang-tun,

whence, as a matter of fact, all Chinese immigrants to this country come, and the greater number from Sun Ning and Hoi Ping. There were very few women among them. The immigration of Chinese women is small and, many of these being bound-footed, were not examined for uncinaria as the chances for infection in these cases would be very small.

Sixteen aliens, fifteen Chinamen (one of whom proved subsequently to be native-born) and one Japanese, were certified during the year for filariasis. These presented only slight enlargements of the lymphatic glands.

Six cases of venereal diseases, eighty-nine of trachoma, two of pulmonary tuberculosis, 636 of uncinariasis, one of amoebiasis, and three of insanity were certified during the year.

In the Immigration hospital during the year there were 1985 patients, 21 of whom were remaining from the previous year. At the end of the year there were 26 still in the hospital. The number of days hospital relief furnished was 9,328, included in which was 297 days of free patients.

There were three deaths during the year, all Chinese, one each from lobar pneumonia, carcinoma of the rectum and beri-beri. The first two were practically moribund when received at the station.

There were 206 Japanese women, 7 Japanese men, 119 Chinamen and 3 Chinese women treated for hookworm

during the year, 10 of which were in the hospital at the end of the year under treatment. In addition, there were two Hindus and one white man treated. These came from Central American ports.

These cases were treated with thymol or the chloroform-caster oil mixture. The majority were cured in one or two treatments. In fact, the most of these cases could be regarded rather as hookworm carriers than as cases of uncinariasis. The Japanese women seldom present any marked evidences of the infection, beyond a slight anemia, most noticeable in the conjunctivae, as their lips are usually artificially reddened. The most marked evidences of infection have been observed in the Chinese boys. The recognition of the infection has explained what puzzled many at this station, and that was the apparent discrepancy in some cases between the apparent age of the Chinese boy and the age claimed.

Several changes were begun in the hospital building the latter part of the year which will, when finished, relieve many embarrassments.

The Medical Division here has experienced universal courtesy from all the other divisions at this station and it has only been through their co-operation that the amount of work accomplished was made possible.

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Enclosed herewith are tabular statements of the
aliens certified, causes and disposition and of diseases
and conditions treated in the hospital with result.

Respectfully,

M. W. Glover

P.A. Surgeon. P.H. & M.H.S.