

**GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA**

UNSTARRED QUESTION NO:2357
ANSWERED ON:29.08.2007
COLLECTION OF MOSQUITO SPECIES
Singh Shri Sugrib

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

- (a) whether the National Institute of Malaria Research collect various species of mosquitos in the malaria affected area;
- (b) if so, the details of various species collected during 2006-07 and 2007-08 so far, State-wise; and
- (c) the details of the targets fixed for the collection of isolates during 2006-07 and 2007-08 in various States?

Answer

THE MINISTER OF THE STATE IN THE MINISTRY OF HEALTH & FAMILY WELFARE (DR. ANBUMANI RAMADOSS)

(a)&(b) According to Indian Council of Medical Research (ICMR), National Institute of Malaria Research (NIMR) has consistently done mosquito fauna surveys and as a result total 58 species of anophelines have been recorded in the country. For the first time NIMR has identified sibling species in India. All the prevalent vector species in the country are monitored through employing standard collection procedures. This is a continuous activity as part of monitoring and situation analysis during outbreak and epidemics.

The details of the vector species collected are as under:

In the states of Tamil Nadu and Karnataka – An. stephensi and An. culicifacies

In states of Chhatisgarh and Uttranchal – An. Fluviatilis and An. culicifacies,

In north eastern states – An. Minmus and An. dirus,

In addition to these routine activities ICMR undertake specialized studies to support National vector Borne Disease Control Programme in different states.

(c) The target fixed for collection of parasite isolates during 2006-07 was 50 and the target has been achieved. The isolates collected were as follows:-

Nalbari (Assam)	- 01
Bilaspur	- 26
Manglore (Karnataka)	- 14
Tura (Meghalaya)	- 18
Ramanthapuram (Tamil Nadu)	- 04
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Total	- 63
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It is proposed to collect 75 isolates during 2007-08. So far, we have collected 7 isolates & the collection will be completed before March 2008.