

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO: 934
TO BE ANSWERED ON 18.09.2020

Status of Tigers in India Report

934. SHRI DUSHYANT SINGH:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state : -

- (a) whether camera trapping methodology has been used to estimate tiger population in the 'Status of Tigers in India' report, 2018;
- (b) if so, the number of cameras used along with the cost and technical specifications;
- (c) whether covariate based models have been used to estimate the tigers that have not been captured by camera trapping method and if so, the details of the statistical methodology used in the model;
- (d) whether the said model has been peer reviewed, if so, the details thereof and if not, the reasons therefor;
- (e) whether the 'Status of Tigers in India' report, 2018, enumerated under-aged cubs and whether there was a shift in methodology compared to the previous census; and
- (f) if so, the detailed thereof and the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

- (a) Yes Sir, camera traps were deployed during the fourth cycle of the All India Tiger Estimation.
- (b) A pair of cameras were deployed at 26,838 locations. Technical specifications and pricing were varied depending on model chosen by the State Governments.
- (c) & (d) Covariate based models were used for estimation of tigers, fundamentals of which have been peer reviewed in the Journal of Applied Ecology in 2011.
- (e) & (f) No, there was no shift in methodology compared to the previous estimation.
