

“ Who ” has been the most threatening killer  
for humans ?

journal or publication title	神戸常盤大学紀要. 別冊
number	12
page range	11-11
year	2018-10-31
URL	<a href="http://id.nii.ac.jp/1492/00000994/">http://id.nii.ac.jp/1492/00000994/</a>

2-E-6

**“Who” has been the most threatening killer for humans ?**Hideaki Nomura<sup>1) 2)</sup>Shiba Kumar Rai<sup>1) 3)</sup>

【Introduction】 In the long history of human, who has been killing the mankind most? It is, no doubt, a mosquito. According to “Statista Com”, totally more than 725,000 to million people are killed by mosquitos annually, which is almost two times more than that of man-killed. 【Mosquito-borne diseases】 Mosquitos play the vicious role in bringing the infectious diseases to humans by pathogenic microbiota including bacteria, viruses, protists, and fungi. As mosquito-borne infections Dengue fever, Yellow fever, West Nile fever, Chikungunya fever, Zika fever, Filaria, and Malaria are mentioned. We introduce here the infections which were experienced in the medical field work in the developing countries (Sierra Leone in Africa and Nepal). 1) Malaria— It is caused by malaria parasite which is transmitted by anopheles (Hamadara-ka), especially in tropical regions. More than 3 billion people are now suffering from malaria over the world, what is worse, the effective anti-malaria drugs are not invented yet. 2) Yellow fever, West Nile fever— These are virus infectious diseases mediated by *Aedes aegypti* (Nettaishima-ka). High fever, bleeding from skin and mucosa with jaundice in yellow fever and encephalitis in West Nile fever are manifested. 3) Filaria— Through the mosquito bite filarial round worm is invaded into the human body. It inhabits in the blood stream and induces vasculitis and lymphangitis showing elephantiasis and scrotal hydrocele. 【Conclusion】 We should have the awareness to Mosquito-borne diseases which are expected to prevail more through the world in the progress of the “global warming”.

---

1) Department of Medical Technology, Faculty of Health Sciences

2) Port-Island Hosp. Medicine San Frontier in Japan 3) Nepal Med. College