

resp. 8/11.32

BOA VISTA, Rio Tapajós, Pará  
October 14, 1932

Dear Doctor Lutz:

Thank you for the separate on forest malaria and your letter of July 30 on back of same. I have no doubt that you are correct and that *Kerteszia cruzii* transmitted malaria in the cases you cite. *K. bellator* should occur here but I have not yet found it. Dyar states (Mosq. of Americas, p 469) that research by Davis negatives *cruzii* as vector. But it might prove negative at one time and place and positive at others.

However, the above does not throw any light on the point I had in mind when I wrote you. The reservoir in your epidemics lay in the workmen with chronic malaria so far as you know. What I want to know is whether monkeys can not function as the reservoir. I suppose you have no data on this point. If you have, please advise me.

Clark and Dunn have been working in Panama with monkey malaria. In letter just received, Clark assures me that the monkey absolutely can not function as a reservoir of human malaria and that man is the only reservoir. I am not so sure of this. One might fail to transmit monkey malaria to man in one hundred cases and succeed in the one hundred and first case.

I think it quite possible that human infants can be infected with malaria from infant monkeys. Human juveniles and especially susceptible adults might also be similarly infected. No experiments have been carried out with such classes of human subjects as yet.

Theobald's *Anopheles lutzii* was preoccupied by Cruz's *Anopheles lutzii* no matter what genera the two species might later be referred to. This is according to the rules of the International Code of Zoological Nomenclature.

I have already secured *Megarhinus* larvae. To date I have found fifty-one distinct species of Culicidae here. I feel that this is a pretty good record for four months of the dryer season. Eight of these are Anophelines, six of which are *Nyssorhynchus*.

If I can manage to secure some frogs, I shall save them for you.

Yours sincerely,



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