

with man's fight against an implacable enemy that is not a fellow human being, an enemy that is another species altogether but one that threatens man's very existence over one-quarter of the whole continent of Africa. For those not personally familiar with that part of our planet this means an area as large as the United States.

McKelvey has taken pains to document his story at every turn, yet never allows the smooth and fascinating flow of his narrative to be interrupted. He deals with the dark days of ignorance when sleeping sickness was attributed to "a superabundance of phlegm pouring out from the brain" and the exciting days of discovery when trypanosomes, numbering 10 million in each drop of blood, were finally nailed down as the culprits, with the onomatopoeic tsetse acting as the go-betweens taking tryps from sick to healthy.

He gives us a convincing account of the movements of man in the recent past that may have paved the way for the monumental spread of the disease at the turn of the century. Heroes appear: Swynnerton and his lieutenants Burt, Jackson, Nash, and Potts (all of whom I was privileged to see in action) and the equally colorful administrator Hesketh Bell. Successes there were and failures, mistakes, and misunderstandings. The enemy that keeps man at bay does so not so much because of human death but because it prevents man from keeping his beloved cattle, his outward and visible sign of wealth.

New armaments are brought into the struggle in the form of the postwar insecticides, but tsetse replies by replacing its forces with new recruits able to withstand the onslaught. The first trials with DDT were in fact earlier than McKelvey suggests: in 1944 an island in Lake Victoria (not noted for its placidity, by the way) was bombarded with the insecticide from the air and lakeside foliage was sprayed from the ground.

McKelvey's history is refreshingly free of pet theory and politics. There are no axes ground: even the good of past colonial days is set fairly alongside the bad. Omissions are few and inaccuracies too slight to mar this excellent book. Perhaps in a future edition the statement concerning the northern limit of *Glossina pallidipes* (p. 68) could be corrected. And the Sese Islands (p. 103) do not lie off the shores of Tanzania. And how about including the other two tsetse workers who died from a rhinoceros charge?

The use of sticky traps on the cloth-

ing of workers in the fields was, by the way, independently tried again in 1943 when sleeping sickness returned to Buvuma Island. The macabre story of the dance given to honor the fisherman who reintroduced the disease might afford colorful comment on the unpredictability of man.

This is, then, an important, informative, and enjoyable book, dealing mostly with the colorful personalities involved and the strategies they employed to combat this resilient and far from beaten enemy of man.

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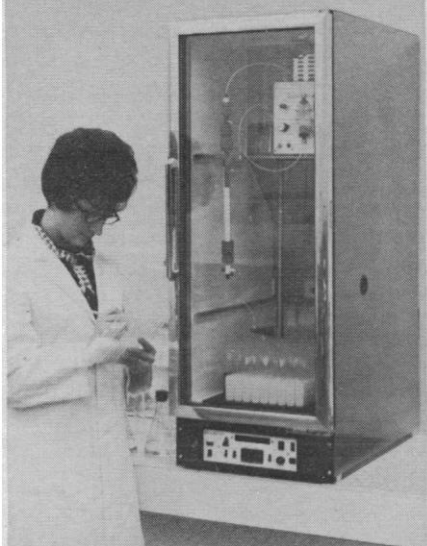
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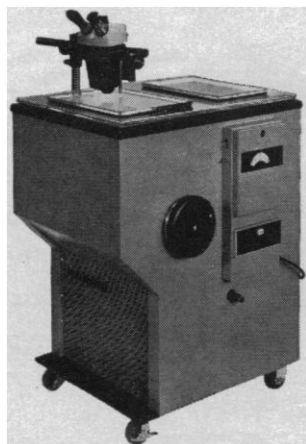
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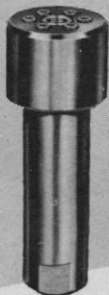
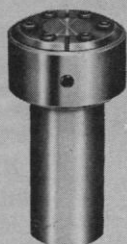
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