

ABSTRACT

1. The results of a survey of 740 school children showed a very low prevalence of *S. mansoni* infection on the Kano Plain; no infected children were found in 7 out of 16 schools examined and the highest infection rate was 23.9%. The infection was confined to a narrow belt round lake swamps; no infection was found over most of the plain. Similar results were obtained in a survey of 11 schools in Nyakach, an area adjoining the plain to the south-west.. *Biomphalaria sudanica*,
2. which occurred only in swamps, was the only *Biomphalaria* species found in an extensive search for vectors of schistosomiasis. *S. mansoni* was isolated from the snail. From this isolation and from the distribution of the snail and the infection, it is concluded that *B. sudanica* is the principal, and probably the only, intermediate host of *S. mansoni* on the Kano Plain.