S. malayensis is closely related to tus muelleri Rat-from intermediate snail (Robertsiella n. sp. was described soma malayensis 1340	 Emerging	Infectious	Diseases	•	www.cdc.gov/eid	•	Vol.	19,	No.	8,	August	2013 consequently, during the 1980s, 2 3). Con-

Autochthonous Human Schistosomiasis, Malaysia

To the Editor: In Malaysia, the only histologically diagnosed autoch-
thonous cases of human schistosomiasis were reported in the 1970s, all in rural aborigine (Orang Asli) populations (1–3) (online Technical Appendix Figure 1, wwwnc.cdc.gov/EID/article/19/8/12-1710-Techapp1.pdf). The fact that the infection had been found only among aborigines had led to the proposal of a distinct unknown schistosome with an animal reservoir causing sylvatic infections (2,3). Con-
dsequently, during the 1980s, Schisto-
soma malayensis n. sp. was described from intermediate snail (Robertsiella sp.) and final mammalian hosts (Rat-
tus muelleri and R. tiomanicus [4]). S. malayensis is closely related to S. mekongi and differs genetically from the latter by ≈10%. Both species differ from S. japonicum by 25% (5), and adult and ova morphologies are simi-
lar (4). Few transmission sites for this new S. japonicum–complex schisto-
some species were identified in rural areas (4). We report after 30 years the histologic finding of S. malayensis–like eggs in the liver of a Malay man and discuss public health implications.

A 29-year-old male nonaboriginal Malay from Subang Jaya in Selangor State, Peninsular Malaysia, had died suddenly of an intoxication in 2011. According to his mother, he had reported hematuria and dysuria during adolescence. Similar symptoms had reoccurred 10 years later, accompanied by constipation. The patient had never been outside of Malaysia, and he had gone bomb fishing for many years in Sungai Lepar Utara, a river near his village (Felda Tekam Utara, Jerantut, Pahang; 3°52′30"N, 102°49′2″E). No tests on blood or fe-
ces were performed before his death. An autopsy was conducted in Sun-
gai Buloh Hospital, and gross pathology showed a normal heart, kidneys, and brain. The lungs were edematous and congested. The liver also was con-
gested, but no macroscopic lesions were seen. Toxicology investigations showed methadone and a derivative in his blood and urine. During a routine histologic examination, several gran-
ulomas with intensive lymphocyte, monocyte, and eosinophil infiltration surrounding clusters of ovoidal eggs were found in the liver (Figure; online Technical Appendix Figure 2). Serial sectioning showed that the eggs con-
tained miracidia and had the overall appearance of S. malayensis–like ova 50 μm long × 28 μm wide. The ova were not operculated and had no bipo-
lar plugs; the thin yellowish shell was not striated, but a knob-like structure was seen laterally. Morphologic differential diagnoses included eggs of Capillaria hepatica (bipolar striated ova in liver), Dicrocoelium (slightly smaller operculated ova typically found in feces or bile), and the similar Eurytrema (thick-walled operculated ova in feces).

Schistosomiasis is endemic in many developing countries and in-
fects >207 million persons living in rural agricultural areas (6). In Asia, S. japonicum, S. mekongi, and S. ma-
layensis cause human infection (7), with S. japonicum being the most dangerous. In Malaysia, S. malayen-
sis, in addition to S. spindale, S. na-
sale, S. incognitum, Trichobilhazia brevis, and Pseudobilharziella lon-
churae, is known to occur in wildlife (8). The first known case of human schistosomiasis in Malaysia was dis-
covered in 1973 during an autopsy of an aborigine. Schistosoma eggs resembling those of S. japonicum were found in liver tissue (1). A sub-
sequent retrospective autopsy study revealed additional cases with these Schistosoma japonicum–like ova in the rural aboriginal population, re-
sulting in an overall prevalence of 3.9% (2). Several attempts to recover eggs from feces from the Orang Asli population in peninsular Malaysia (3), a biopsy-positive Orang Asli (3), and serologically positive persons (9, and others) were unsuccessful, however, which was attributed to the zoonotic nature of S. malayensis and thus missing adaptation to the human host. Whether hematuria, a typical sign of S. haematobium infection, as seen in the patient reported here also was caused by S. malayensis disease remains unclear because symptoms of the latter have not been reported. Serologic surveys for schistosomia-
sis in peninsular Malaysia showed prevalences of 4%–25% in selected rural populations (9). Because infect-
ed Robertsiella snails had been found almost exclusively in small rivers (4,9–habitats like the Sungai Lepar Utara River in our current report—we suspect that the patient most likely became infected while fishing. The travel history may not be accurate
because it was obtained from a relative, and possible unreported drug-related travel by the patient to neighboring countries cannot be fully excluded. *R. muelleri*, the jungle rat and definitive host for *S. malayensis*, is often seen at river banks (4), and rodent feces could have contaminated the water with schistosome eggs.

Future field studies are needed to identify focal hot spots of sylvatic transmission by snail examination and seroprevalence studies of persons living in rural areas, especially the Orang Asli population. Moreover, in light of growing ecotourism, which also encompasses stays at remote Orang Asli villages and canoeing on small streams (10), appropriate public health measures, such as rodent and snail control near tourist sites, should be implemented.

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Asian Musk Shrew as a Reservoir of Rat Hepatitis E Virus, China

To the Editor: Rat hepatitis E virus (HEV), a member of genus *Hepevirus* in the family *Hepeviridae*, was first detected in Norwegian rats in Germany in 2010 (1, 2). Since then, this rat HEV has been detected in multiple wild rat species in the United States, Vietnam, Germany, and Indonesia (3–7). Studies have shown that rat HEV failed to infect rhesus monkeys and pigs,