

Hedgehog Zoonoses

To the Editor: The article on hedgehog zoonoses (1) reviews diseases transmitted from African and European hedgehogs to humans but does not compare their infectious potential to that of other animals and people. For example, cats and Yorkshire terriers are well-known vectors of ringworm (2), but this has not been highlighted in *Emerging Infectious Diseases*. Also, the reports of herpesvirus (including human herpes simplex) hepatitis described in the article occurred as fatal hepatitis in hedgehogs, whereas their owners apparently escaped unscathed. These cases appear to be “reverse zoonoses” that are dangerous for the pet but not its human contacts. Perhaps the misleading table in the article should be revised so that busy medical doctors don’t jump to conclusions, and hedgehogs don’t end up on the euthanasia list at shelters.

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References

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In response: We thank Dr. Behr for her comment (1). The intent of our manuscript was to report, from a literature review, information on zoonotic infections related to hedgehogs. Of

course, we are mainly concerned with infections or infestations that hedgehogs can transmit to humans, but we also noted that the inverse can be true, and humans can be a source of infection in pet hedgehogs. This manuscript was intended to inform not only physicians but also veterinarians and wildlife rescuers who may not be familiar with zoonotic diseases borne by or transmitted to hedgehogs. We also would like to take advantage of this letter to clarify a few points from our manuscript. First of all, pet hedgehogs are mainly African pygmy hedgehogs, and no reliable data are available regarding the number of European hedgehogs that are kept as pets either in Europe, the United States, or other parts of the world. In many European countries, native hedgehogs are protected by law and cannot be kept as pets (F. Moutou, pers. comm.). Furthermore, our comment on plague and “hedgehogs” in Madagascar was meant to be informative, as these animals are found only on that island. They are not true hedgehogs (belonging to the family *Tenrecidae* and not *Erinaceidae*) and are unlikely to be kept as pets (2; F. Moutou, pers. comm.). In our literature review from PubMed, we found no report of human leptospirosis infection from hedgehogs. However, the European hedgehog is considered the main host of *Leptospira bratislava* in the Netherlands and Denmark and the main host of *L. canicola* in Israel (2). Finally, if hedgehogs can be infected by lungworms of the genus *Capillaria*, no report of a human infection transmitted by hedgehogs has been published to our knowledge.

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Bartonella henselae and Domestic Cats, Jamaica

To the Editor: *Bartonella henselae* has been isolated from domestic cats in most countries where it has been investigated (1), with the exception of some countries at northern latitudes, such as Norway (2). The prevalence of both bacteremia and seropositivity in cats is usually highest in warm and humid tropical countries. The worldwide distribution of cat scratch disease (CSD), a zoonotic disease caused mainly by the scratch of a *B. henselae*-infected cat, follows a similar pattern. Limited information is available about CSD in either humans or the feline reservoir in the Caribbean region.

In 1955, 3 febrile children (siblings) admitted to a hospital in Havana, Cuba, were diagnosed with CSD based on their symptoms and the positive results of intradermal tests using the Foshay antigen (3). The results of the bacteriologic examination, however, were negative. All 3 siblings had previous contact with a female cat and her 4 kittens. In 2003, Alvarez et al. (4) reported the case of a 13-year-old Cuban boy who was treated for symptoms compatible with CSD. However, no other information could be found in the scientific literature regarding the isolation of this bacterium from domestic cats in the