

APPLIED AND ENVIRONMENTAL MICROBIOLOGY

Volume 75

June 2009

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Cover photograph (Copyright © 2009, American Society for Microbiology. All Rights Reserved.): Japanese macaque (*Macaca fuscata*) grooming her baby, searching for something in the fur. This behavior is for removing their blood-sucking exoparasites, macaque lice (*Pedicinus obtusus*). Fukatsu et al. demonstrated that the macaque louse harbors a novel bacterial endosymbiont, “*Candidatus Puchtella pedicynophila*,” in a specific region of the gut epithelium and ovaries. Photo by Ichiro Tanaka. (See related article on page 3796.)

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