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COVER Mature sporangium of *Rhinosporidium seeberi* discharging endospores through a single pore. The organisms were present in a large polyp located in the external nares of a dog. Mature sporangia are approximately 100 to 400 micrometers in diameter and have relatively thin walls. They contain endospores that may be in various stages of maturation. This section is 1 micrometer in thickness and stained with toluidine blue. See page 474. [Donald J. Meuten, School of Veterinary Science, North Carolina State University, Raleigh, NC 27606]

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