only risk factor identified among the persons reported here was older age. Unlike persons in other reports, persons in our report were all men, and 2 reported GI symptoms. The mechanism for UTI in these cases is unclear but could have included ascending and hematogeneous spread.

We calculated incubation periods for GI symptoms for 6 persons as the time between onset of GI symptoms and the May 14 wedding (5 persons) or last travel date (1 person). The incubation period was 5-7 days (average 5.5 days). The incubation period for UTI, which could be calculated for 2 persons, was an average of 25.5 days. Long incubation periods for Salmonella spp. infections have been reported (6-9); reasons include exposure to a low dose of bacteria, specific populations (e.g., young children, child day care attendees), and method of food preparation (6-9). The age of persons in our investigation did not affect the length of the incubation period. The amount of food eaten was not collected during the interview; however, most persons in our investigation reported eating a wide variety of foods, and 1 reported eating small portions. All food was prepared during the week before the wedding and served cold. This length of time and the potential for temperature abuse could have increased the infectious dose and decreased the incubation period (6). In addition, the 1 person with travel-related infection was not exposed to these food items. We found no literature on the incubation period for S. enterica ser. Agbeni. The reason for the long incubation period in this investigation is unclear and could be due to host-specific factors, the implicated serotype, or the food source.

The 3-day time frame for exposures was not sufficient to identify appropriate exposures. Expanding the period for collecting exposure information about *Salmonella* spp. infections and the reporting and investigation of persons with *Salmonella* spp. identified in urine to public health authorities might be needed to help identify and solve outbreaks.

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Entamoeba bangladeshi **nov. sp., Bangladesh**

To the Editor: Diarrheal diseases have a major effect on global health, particularly the health of malnourished children (1). The enteric parasites *Entamoeba histolytica* and *E. moshkovskii* are potential causes of diarrheal disease in children (2). For the past 20 years, we have been studying *Entamoeba* infections in children from the urban slum of Mirpur in Dhaka, Bangladesh (3).

E. histolytica infections can be detected through fecal microscopy, culture, PCR, and antigen detection. Microscopy and culture have limited specificity because several species of *Entamoeba*, which vary in their pathogenic potential, have morphologically similar cysts and trophozoites (4). In 2010–2011,

LETTERS

during analysis of feces positive for *Entamoeba* organisms by microscopy or culture but negative for *E. histolytica*, *E. dispar*, and *E. moshkovskii* by PCR, a new species was identified, which we have named *Entamoeba bangladeshi* nov. sp. in recognition of the support of the Bangladesh community for this research.

Feces from both diarrheal and surveillance specimens were collected from a cohort of children living in Mirpur (3). A total of 2,039 fecal samples were examined microscopically (0.9% saline smear) and/or by fecal culture for amebic trophozoites and cysts (4). One hundred forty-nine (7%) of the samples were positive by microscopy and/or culture for an Entamoeba parasite with both cysts and trophozoites that closely resembled those of E. histolytica, E. moshkovskii, and E. dispar.

DNA was extracted directly from fecal samples by using the QIAamp DNA Stool Mini Kit (QIAGEN, Hilden, Germany) according to the manufacturer's instructions. DNA from positive fecal cultures was isolated by using the cetyl-trimethylammonium bromide extraction method (5). PCR was conducted to detect E. histolytica, E. dispar, and E. moshkovskii, all of which are morphologically indistinguishable by microscopy and are endemic to Bangladesh (Table) (6-9). An antigen detection test (TechLab Inc., Blacksburg, VA, USA) was also used to identify fecal samples positive for E. histolytica.

Fecal samples (129) and cultures derived from fecal material (20) were tested by PCR. Forty-four fecal samples were positive for *E. histolytica*, 42 for *E. dispar*, and 7 for *E. moshkovskii*. PCR results for 48 samples were negative for all 3 parasites (mixed infections account for the total being >129); 5 cultures also were negative for all 3 parasites.

ENTAGEN-F and ENTAGEN-R primers, which exhibit a broad specificity for the small subunit ribosomal RNA (SSU rRNA) gene sequences of Entamoeba, were used in PCR to amplify DNA fragments from 43 of the samples that were negative by PCR for the 3 Entamoeba species; amplification conditions were adapted from Stensvold et al. (10). The amplified DNA was separated by electrophoresis by using a 2% agarose gel. Bands of the size predicted for the Entamoeba spp. SSU rRNA gene amplicon were detected in 15 samples (online Technical Appendix Table, wwwnc.cdc.gov/ EID/pdfs/12-0122-Techapp.pdf). The PCR products were extracted by using the QIAquick Gel Extraction Kit (QIAGEN) and cloned by using the Zero Blunt TOPO Cloning Kit (Invitrogen, Carlsbad, CA, USA). The sequenced clones from 2 different isolates, 1 diarrheal and 1 surveillance specimen, were completely novel when compared with the SSU rRNA gene sequences from other organisms and did not match any previously sequenced Entamoeba species. These isolates represent a new species of *Entamoeba* (GenBank accession nos. JQ412861 and JQ412862), here named *E. bangladeshi* (online Technical Appendix)

We examined the phylogenetic relationship between E. bangladeshi and other Entamoeba parasites by using maximum-likelihood analysis as implemented in MEGA 5 (online Technical Appendix Figure, panel bangladeshi, although A). Е. distinct, clearly grouped with the Entamoeba clade of infecting humans, including E. histolytica. E. bangladeshi, however, appeared more distantly related than the noninvasive E. dispar, but closer than E. moshkovskii, to E. histolytica.

To further characterize E. bangladeshi, we established it in xenic culture, and it displayed the ability to grow at 37°C and 25°C, a characteristic shared with E. moshkovskii and E. ecuadoriensis but that distinguishes it from E. histolytica and E. dispar. Cultured trophozoites were evaluated light and transmission through electron microscopy (online Technical Appendix Figure, panel B). By light microscopy, we detected no apparent differences between E. bangladeshi and E. histolytica. The physical resemblance between E. histolytica and E. bangladeshi is notable because direct microscopic examination of fecal samples is still used as a diagnostic tool in areas to which these species are endemic to detect E. histolytica parasites.

Target organism	Primer name	Primer sequence, $5' \rightarrow 3'$	Reference
Broad specificity	Entagen-F	ACT TCA GGG GGA GTA TGG TCA C	(6)
Entamoeba sp.	Entagen-R	CAA GAT GTC TAA GGG CAT CAC AG	(6)
E. histolytica	Eh-F	AAC AGT AAT AGT TTC TTT GGT TAG TAA AA	(8)
	Eh-R	CTT AGA ATG TCA TTT CTC AAT TCA T	(8)
	Eh-YYT Probe	YYT-ATT AGT ACA AAA TGG CCA ATT CAT TCA-Dark Quencher	(8)
E. moshkovskii	Em-1	CTC TTC ACG GGG AGT GCG	(7)
	Em-2	TCG TTA GTT TCA TTA CCT	(7)
	nEm-1	GAA TAA GGA TGG TAT GAC	(7)
	nEm-2	AAG TGG AGT TAA CCA CCT	(7)
E. dispar	E-1	TTT GTA TTA GTA CAA A	(9)
	E-2	GTA [A/G]TA TTG ATA TAC T	(9)
	Ed-1	AGT GGC CAA TTT ATG TAA GT	(9)
	Ed-2	TTT AGA AAC AAT GTT TCT TC	(9)

*Boldface indicates the probe fluorophore and quencher.

Our findings add to the diversity of *Entamoeba* species found in humans. The incidence and effect of infection in infants by the newly recognized species *E. bangladeshi* await future epidemiologic studies.

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Autochthonous Leishmania siamensis in Horse, Florida, USA

To the Editor: Leishmania a recently described siamensis, species, was identified as the cause of autochthonous visceral leishmaniasis in 2 men in southern Thailand (1,2). Cutaneous leishmaniasis has been reported in horses in Europe and South America. Lesions in horses are solitary or multiple nodules that are often ulcerated and most commonly occur on the head, pinnae, legs, and neck. Other clinical signs are usually absent. In South America, biochemical characterization has identified L. braziliensis in horses (3). Leishmaniasis has been reported in horses in Puerto Rico (4), and equine leishmaniasis has been described, but no reports have been published, in the United States. L. infantum has been reported in equine cutaneous leishmaniasis in Europe (5). A report from central Europe recently identified an organism with 98% nucleotide identity over the ITS (internal transcribed spacer) 1 region to L. siamensis as the cause of cutaneous leishmaniasis in 4 horses (6). L. siamensis was also identified in a case of cutaneous bovine leishmaniasis in Switzerland (7).

In August 2011, a 10-year-old, 505-kg Morgan horse mare in Florida, USA, with no history of travel outside the eastern United States was evaluated at the University of Florida for an ulcerated mass in the left pinna. When, 6 months earlier, the owner had noticed the mass, it was ≈ 1 cm in diameter, firm, raised, and covered with hair. Three months later, the ear was unchanged, and the mare was successfully impregnated. Over the subsequent 2 months, the mass began to grow and ulcerate. At that time, veterinary consultation was obtained and a biopsy performed. Histologic