

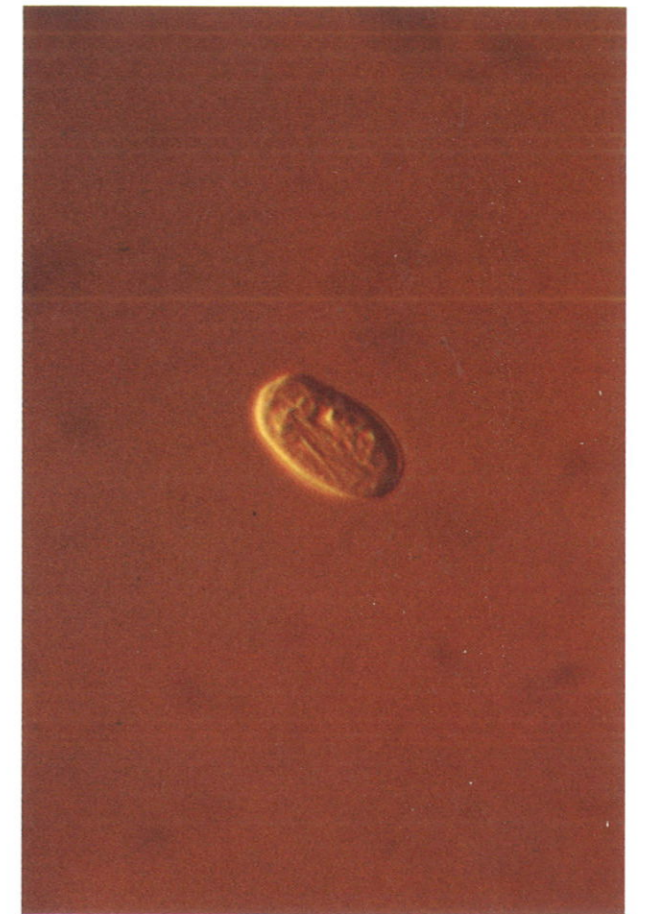
Figs. 3a & b. Giardia cysts showing immunofluorescence with specific antibody



Fig. 4. Giardia cysts stained with Iodine. Length c 12 μ m. Note nuclei and crescent shaped body.



Fig. 5. Giardia trophozoite under D.I.C. vacuole visible.



Figs. 6a & b. Giardia cysts under Nomarski Optics.

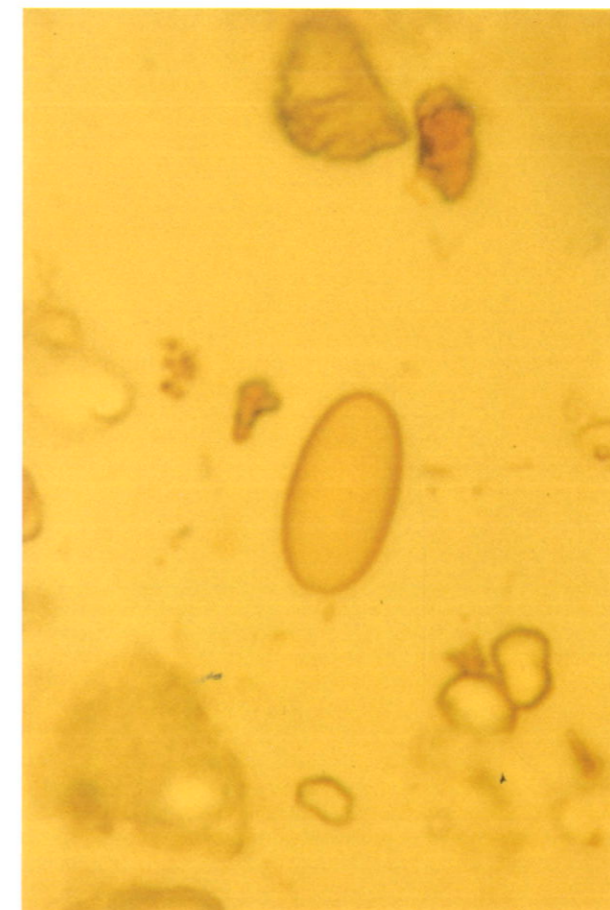
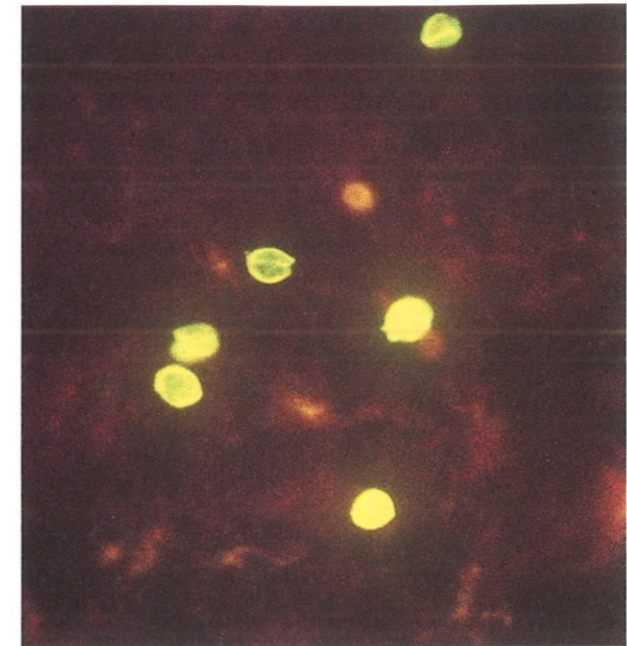
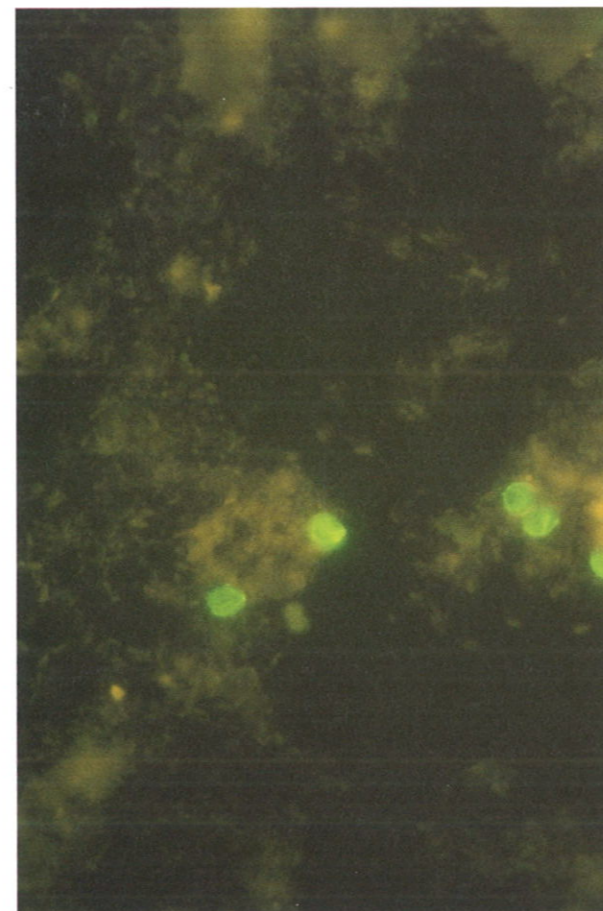


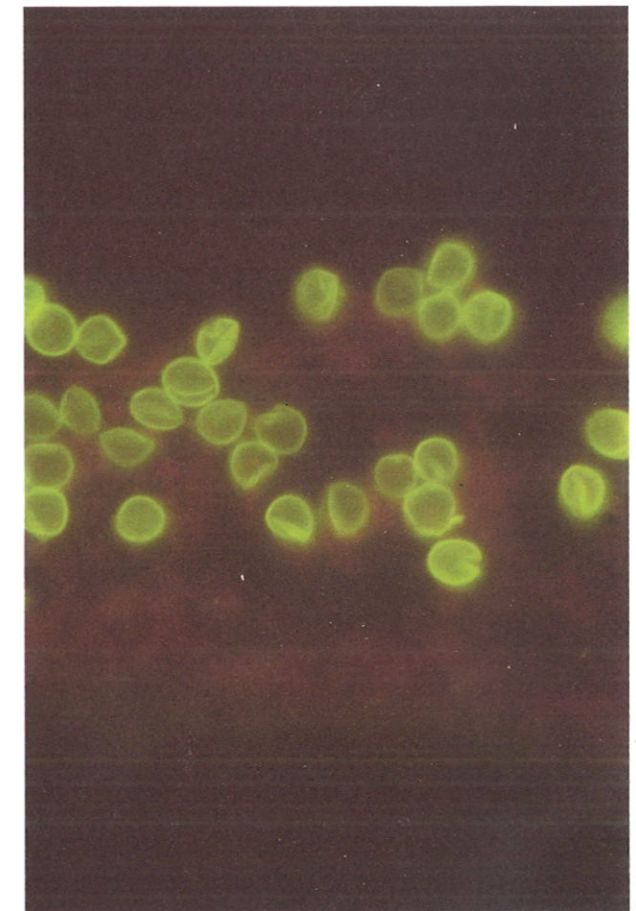
Fig. 7. Other material of similar size, but not Giardia or Cryptosporidium. Note absence of cell contents.



a

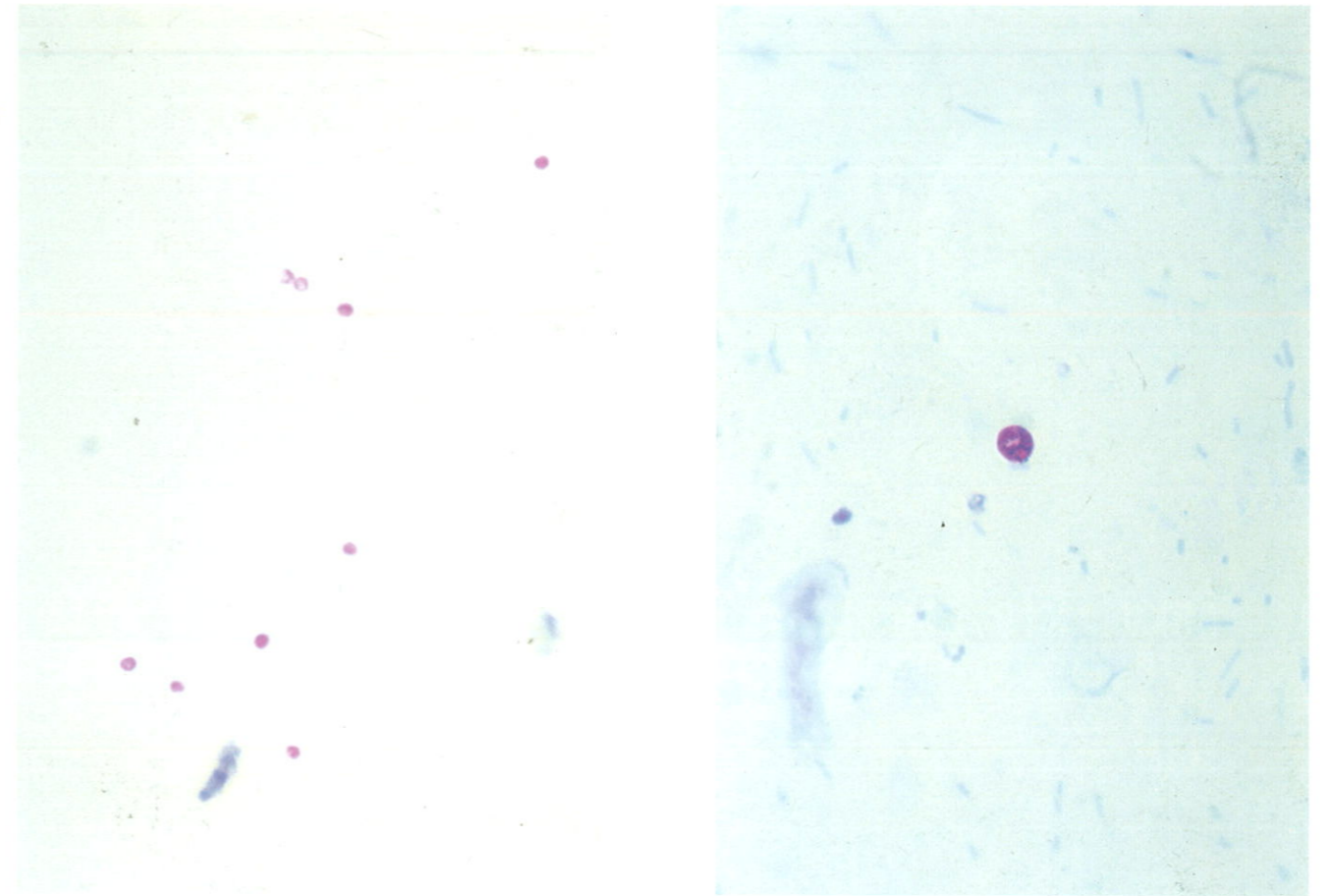


b



c

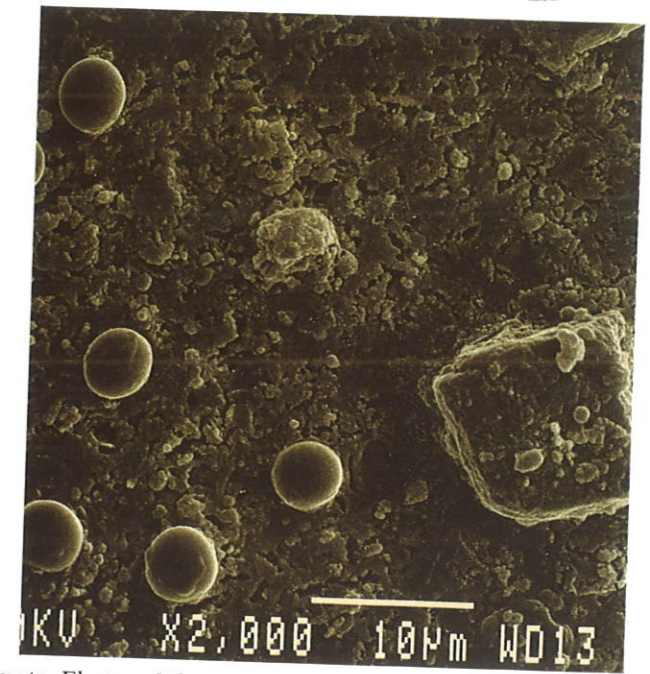
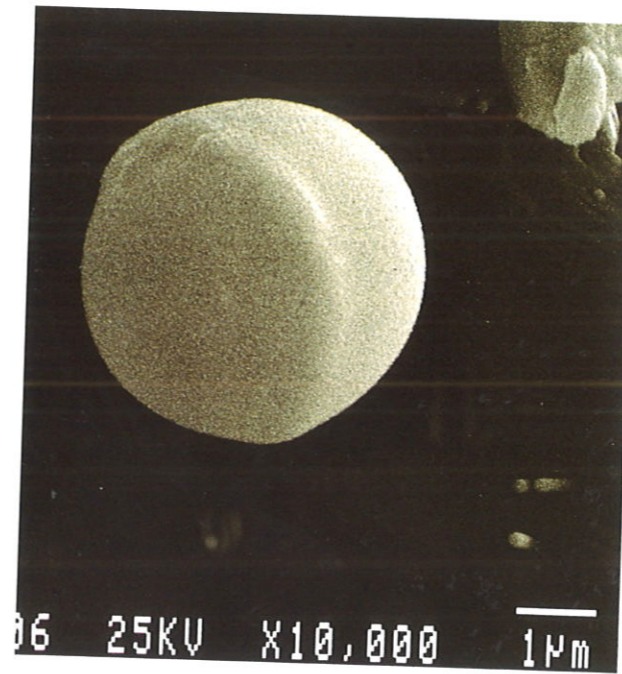
Figs. 8a to c. *Cryptosporidium* oocysts showing FITC fluorescence.
 Note, Fig. 8c shows numerous oocysts of *Cryptosporidium parvum* (bovine isolate) stained by immunofluorescence using the PHLS Mab/FITC conjugated stain, counterstained with Evan's Blue to quench background autofluorescence. The preparation has been photographed by epifluorescent illumination with a mercury vapour (HB050) lamp, a Leitz BG38 excitation filter and using a $\times 100$ objective. The general appearance of intact oocysts is typical with uniformity of size ($c4.5 \times 5 \mu\text{m}$) and with a stained suture or fold line visible on the surface of some. On at least one oocyst the suture has opened and one oocyst has collapsed.



Figs. 9a and b. *Cryptosporidium* oocysts (5 μ m). Stained with Modified Ziehl Neelsen (MZN) stain. Fig. 9b is at higher magnification.



Fig. 10. *Cryptosporidium parvum*. Fluorescent sporozoites.



Figs. 11a & b. *Cryptosporidium* oocysts. Electron Micrographs.
Note suture line shown clearly in Fig. 11a.

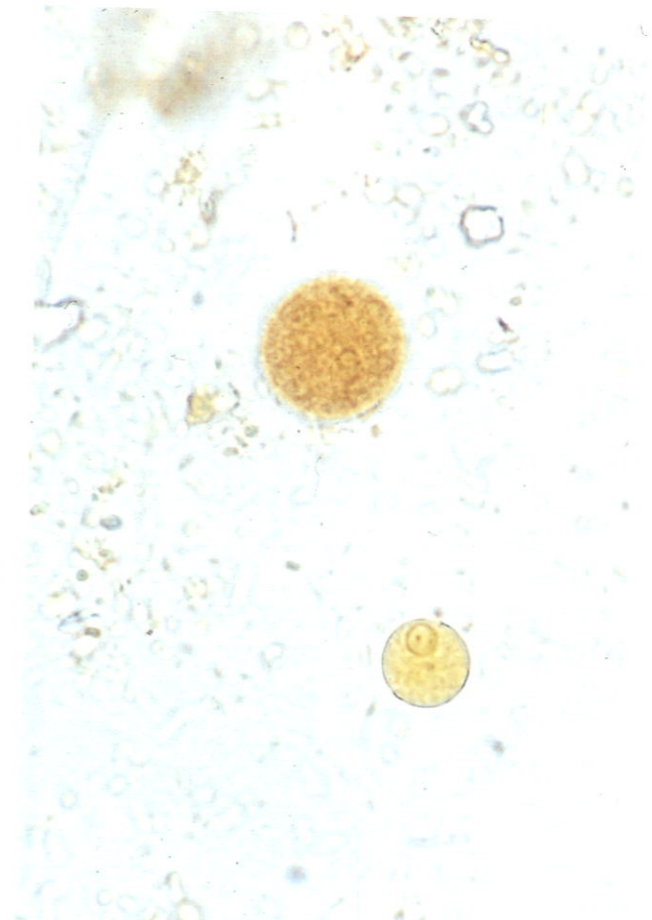


Fig. 12. *Entamoeba coli* - the large cyst poorly focused,
AND *Entamoeba histolytica* (12µm) - the uninucleate
cyst (in focus) stained with Iodine.

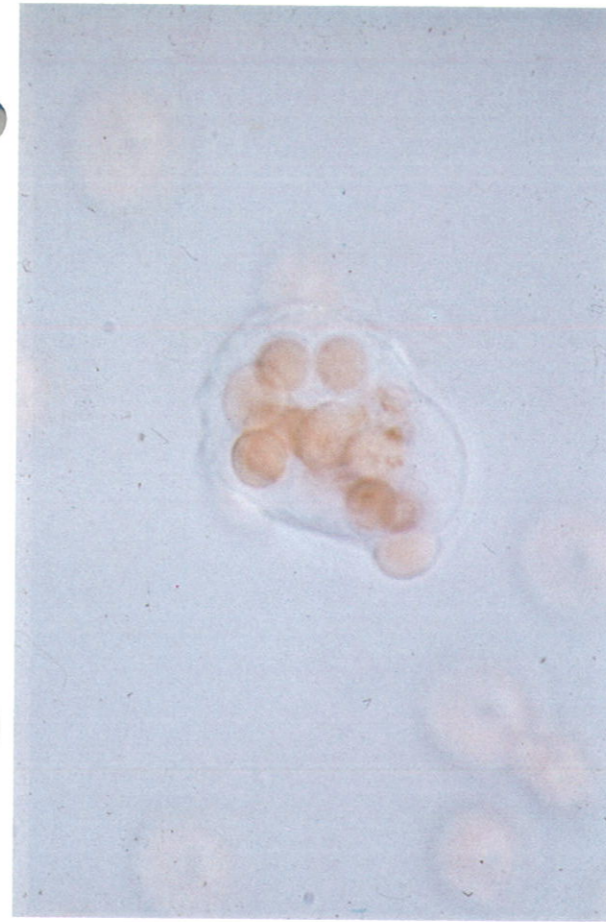


Fig. 13. *Entamoeba histolytica* trophozoite.

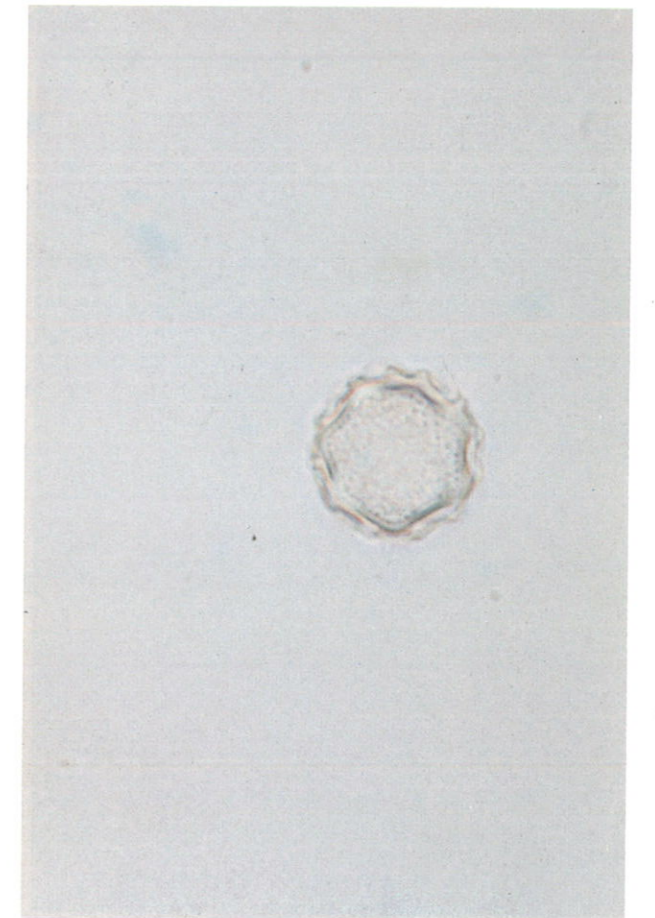


Fig. 14. *Acanthamoeba* cyst (16 μ m).

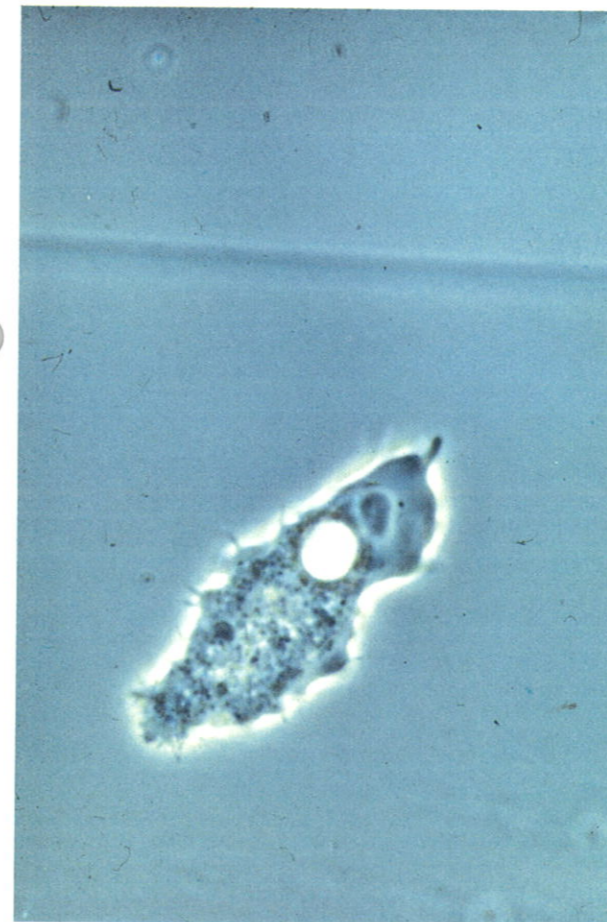


Fig. 15. *Acanthamoeba* trophozoite.

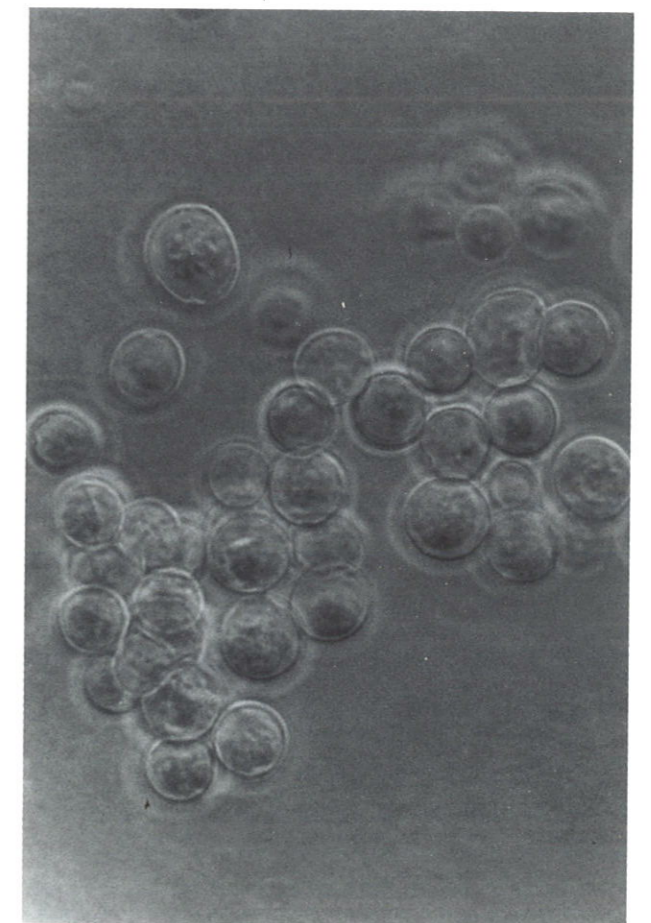
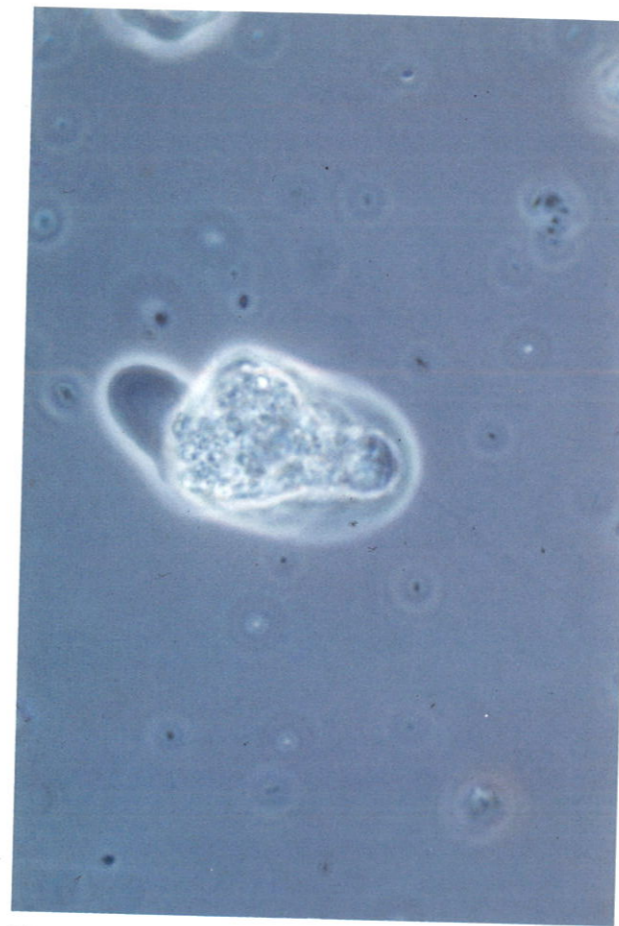


Fig. 16. *Naegleria fowleri* cyst (black and white photomicrograph).



Figs. 17a & b. *Naegleria fowleri* trophozoite.

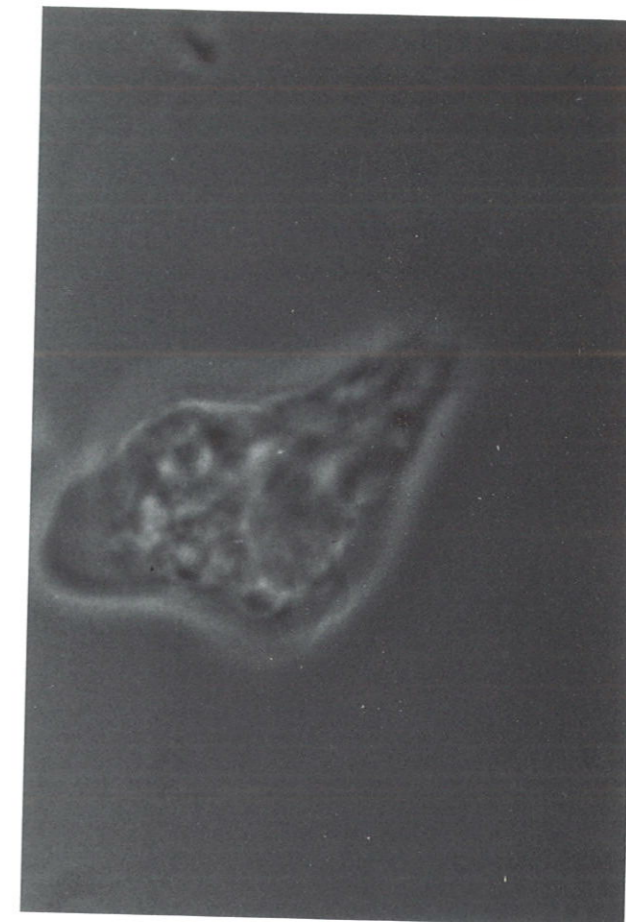


Fig. 17b. Black and white photomicrograph.

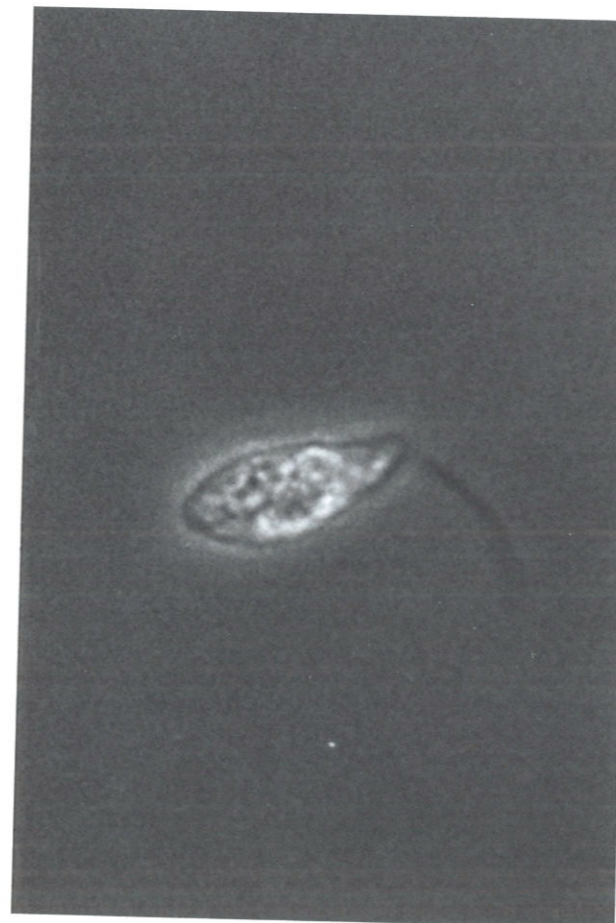


Fig. 18. *Naegleria fowleri* flagellate (black and white photomicrograph).



Fig. 19. Stobhill Washing Machine. Container removed to show the ultrasonic vibrator.

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Addresses of Experts for referral of material are given at the end of each method.

General queries not requiring an expert to answer and news of improvements should be sent to:

The Secretary
Standing Committee of Analysts
Department of the Environment (Drinking Water Inspectorate)
Romney House
43 Marsham Street
LONDON SW1P 3PY

Members and Correspondents helping with these methods.

Mr J D Adams	3	Dr N Lightfoot	2
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