

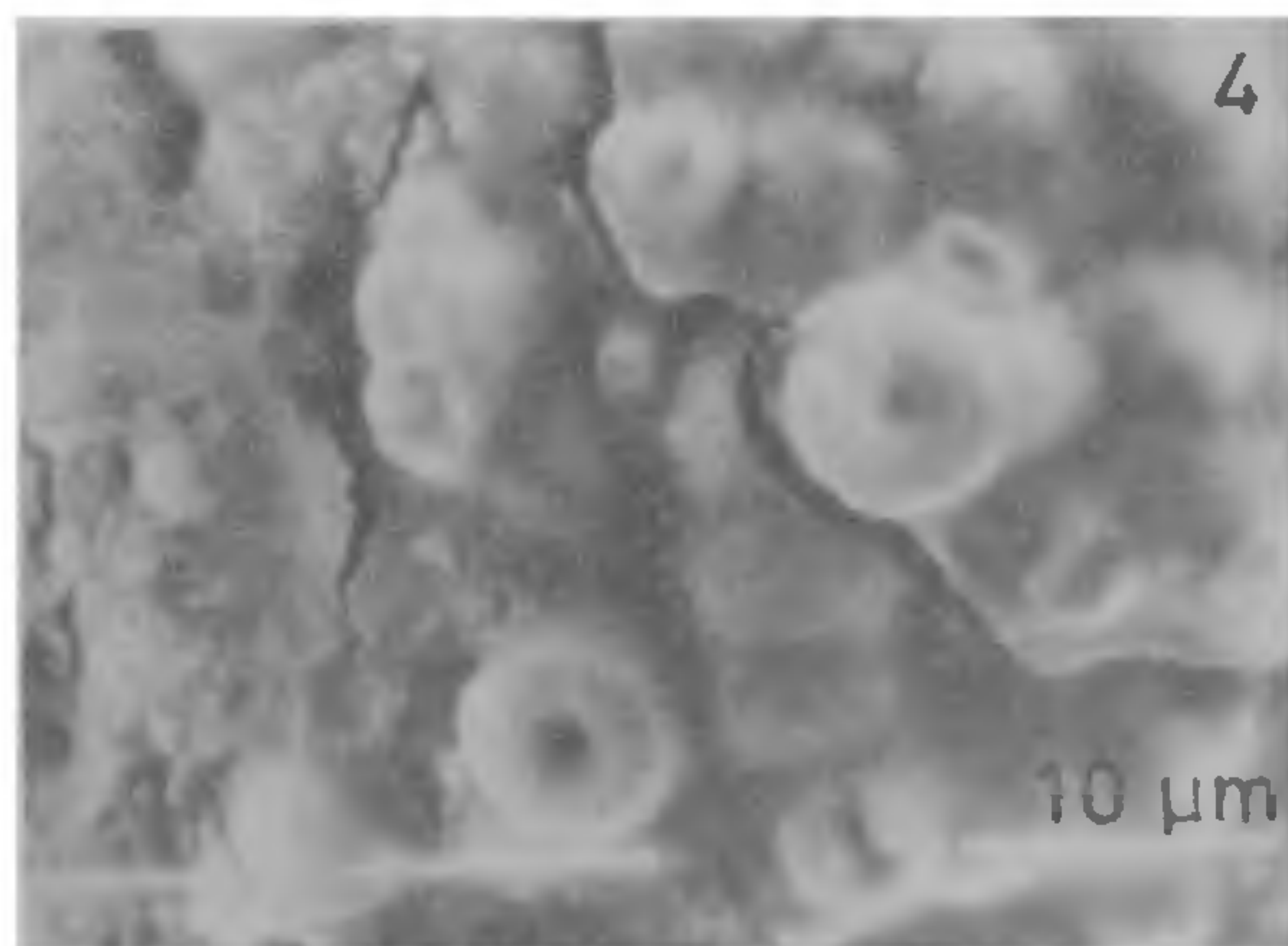
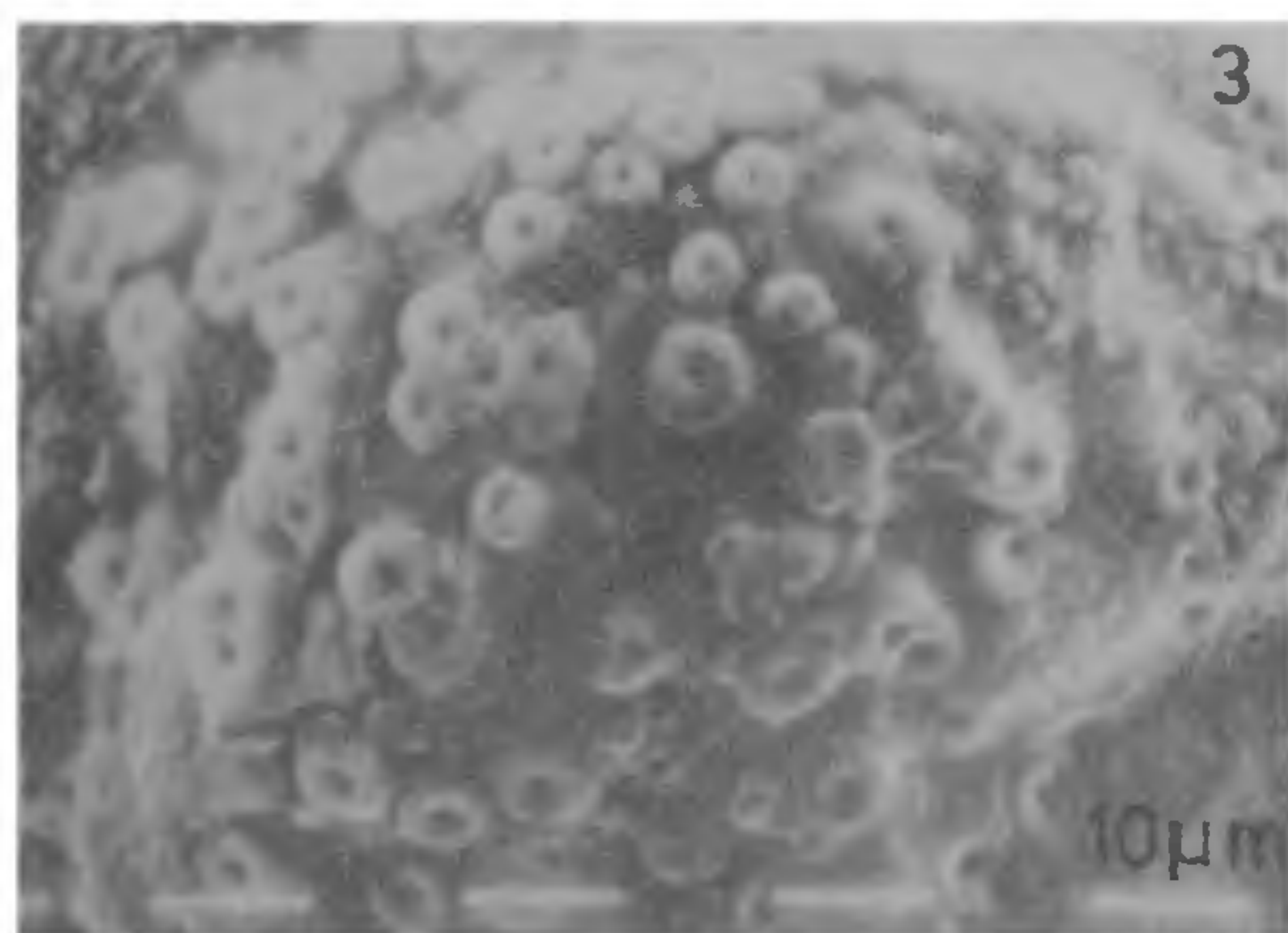
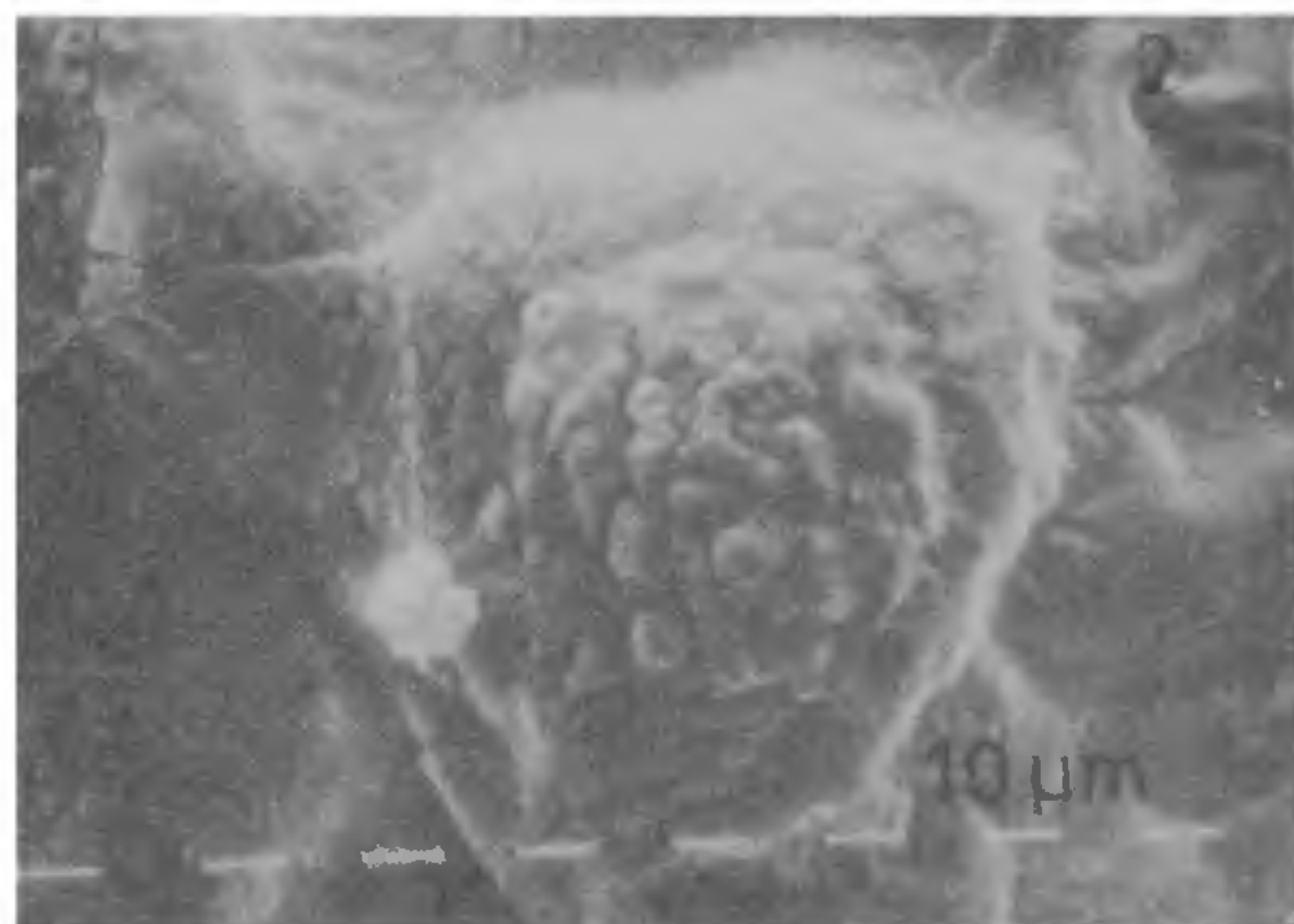
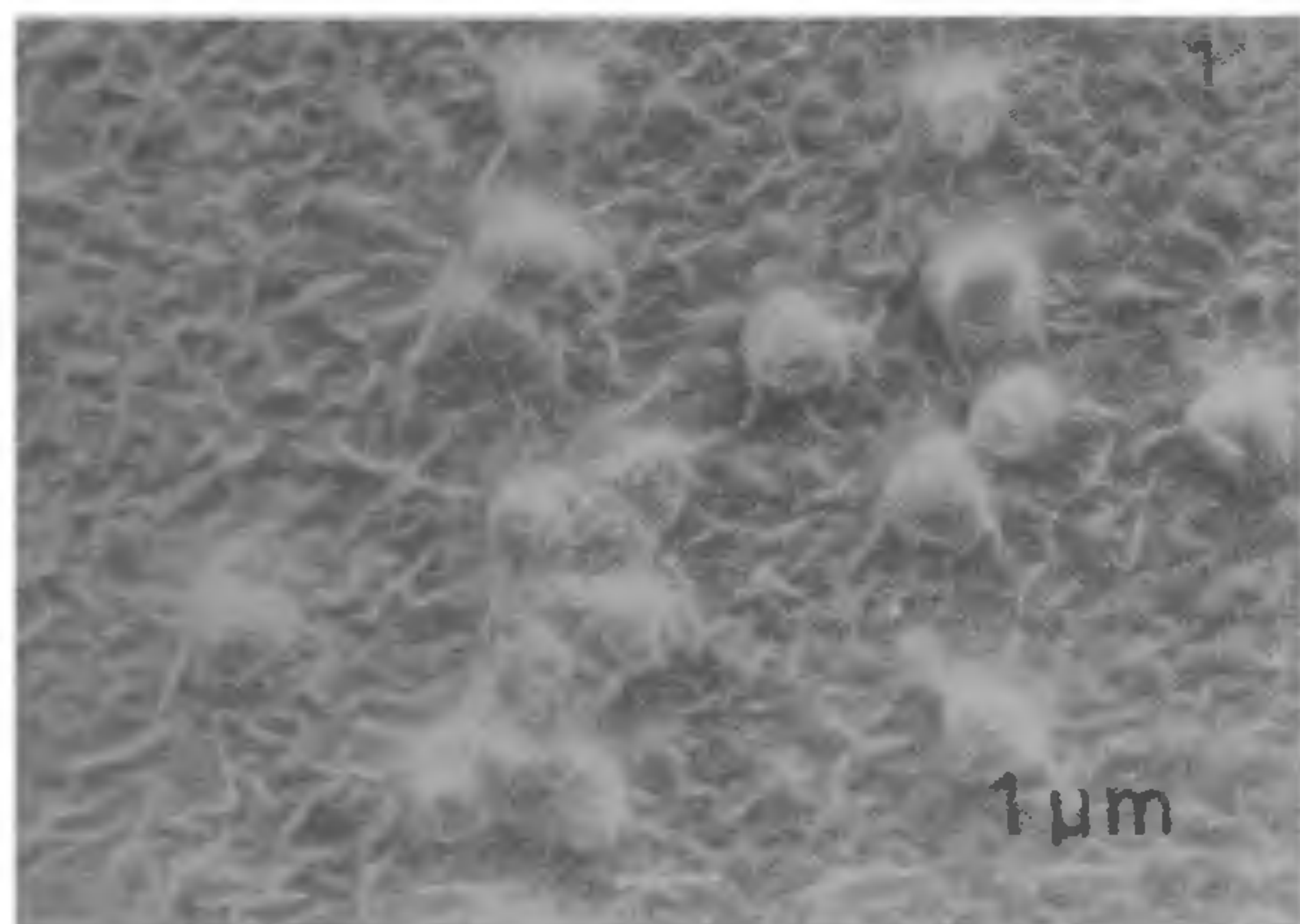
2. Ramachandran, V. S., Nair, N. C. and Nair, V. J., *J. Bombay Nat. Hist. Soc.*, 1982, **79**, 461.
3. Pandurangan, A. G., Ramachandran, V. S., and Nair, N. C., *J. Econ. Tax. Bot.*, 1984, **5**, 1185.
4. Henry, A. N., Vivekananthan, K. and Nair, N. C., *J. Bombay Nat. Hist. Soc.*, 1979, **175**, 686.

SCANNING ELECTRON MICROSCOPIC STUDY ON THE SPORE OF *LYGODIUM FLEXUOSUM* (L) SW.

NAND LAL and S. K. ROY

Centre of Advanced Study in Botany,
Banaras Hindu University, Varanasi 221 005, India

FOR a long time the morphology of the fern spore had been studied with the help of compound microscope. With the advent of scanning electron microscope (SEM) such studies have so far been extended to a few fern spores of temperate origin¹⁻³. No SEM report has appeared on the tropical fern spores whose external coating may be modified according to climatic difference. Thus the present paper is a brief account on the SEM study of the spores of *L. flexuosum* from Singapore, a tropical country.



Figures 1–4. Scanning electron microphotographs of the spores of *L. flexuosum*. 1. Spores scanned for details of morphology ($\times 80$). 2. Spores with granular and spherical depositions ($\times 640$). 3. Spores with central pores in the granular and spherical depositions ($\times 1250$). 4. Granular and spherical depositions pore is smooth, concave and depressed from inside ($\times 5000$)

