

Owing to the competition of several embryo sacs and their incomplete developments in some cases, several abnormalities were noticed. In one ovule all the embryo sacs degenerated leading to complete abortion of the ovule. In several cases a four or two nucleate aposporous embryo sac was seen in association with a proembryo with a well developed endosperm (figure 7). In one ovule, a one nucleate aposporous embryo sac initial is seen below the healthy sexual embryo sac (figure 8).

Each aposporous embryo sac in general has only four nuclei whereas each sexual embryo sac has the usual eight nuclei. Brown and Emery<sup>1</sup> stated that if all the mature embryo sacs in an ovule are four nucleate and a proembryo as well as endosperm are present in an embryo sac lacking antipodal cells, it may be taken as a strong evidence of apomixis. The present observation of four nucleate aposporic embryo sacs in *Eremopogon* is a strong indication to suggest that it is a

facultative apomict.

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## ANNOUNCEMENTS

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### B. N. CHOPRA LECTURESHIP

The Indian National Science Academy, New Delhi, has awarded the B. N. Chopra Lectureship to Dr S. Sriramachari. The lectureship is awarded once in

every three years and consists of a remuneration of Rs. 1,500/-.

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### THE HOMI J. BHABHA MEDAL 1984

The Homi J. Bhabha Medal 1984 is awarded to Prof. K. G. Ramanathan, FNA for his outstanding contributions in the field of Number Theory in particular to the Analytic and Arithmetic Theory of Quad-

ratic Forms and Associated Zeta Functions. Apart from his own contributions in Mathematics, Prof. Ramanathan has been responsible for the growth of Mathematics in India.

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### THE SUNDER LAL HORA MEDAL 1984

The Sunder Lal Hora Medal 1984 is awarded to Prof. P. N. Mehra, for his outstanding contributions in the field of Cytology, Anatomy and life histories of the liverworts, ferns, conifers and flowering plants of the Himalayan and several original postulates in

regard to the phylogeny of these plants. He has made immense contributions as a teacher and author of monographs to the development of plant sciences in India.

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