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COVER 
Chromosomes in meiosis. This strange anthropomorphic configuration appeared at prometaphase in a microsporocyte. A ring of six chromosomes creates the outline of the “face.” Four bivalents form the “eyes,” “nose,” and “mouth,” giving a chromosome number of \( 2n = 14 \). This anomaly is one outcome of a study of reciprocal translocations in chromosomes of Gayophytum eriospermum (about \( \times 5200 \)). [Leonard B. Thein, University of California, Los Angeles]