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COVER
Multicellular complex of unicellular ciliate Blepharisma intermedium. Cells of doublet, a morphological mutant, unite side by side forming a chain if treated by the gamone of the other mating type. The chain may close, producing a flower-like formation. Such complexes are used to investigate the meiosis-initiating factor (about X 389). See page 53. [A. Miyake, Max-Planck-Institut für Molekulare Genetik, Berlin-Dahlem, Germany]
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Female mountain bluebird at nest box in the Little Belt Mountains, Montana. Most birds were reproductively selfish when given the opportunity to behave altruistically toward the young of others. See page 142. [Robert L. Cushman, Missoula, Montana]
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COVER

A new coccidium (Hammondia hammondii) of cats produces cysts in muscle
of other mammals. See page 222. ["Sunday" Finger by Gary Laurish Photograph.
try, Washington, D.C.]
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If, in the future, thousands of windmills will supply energy (for example, in Denmark), designs must be of high esthetic quality. See page 255. [Jean Fischer, F.L.S. Overseas Innovation, Hjallese, Denmark]
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Four genera of peccaries. (Upper right) Extinct, long-nosed peccary (Mylohyus nasutus), late Pleistocene, North America; (upper left) extinct, flat-headed peccary (Platygonus compressus), late Pleistocene, North America; (lower left) living, white-lipped peccary (Tayassu pecari), South and Central America; (lower right) living, collared peccary (Dicotyles tajacu), South and Central America north to Arizona. See page 379. [Drawings by Charles L. Ripper; courtesy of Carnegie Museum of Natural History, Pittsburgh, Pennsylvania]
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Portion of central China. Lines on side show trend of the Altyn Tagh (alternatively Astin Tagh or A erh chin) fault, perhaps the greatest active continental strip-slip fault in the world. See page 419. [ERTS photo (8) No. 14-490-40625-A0]