Editorial

A Thinking Man's Movie? .......................................................... 1679

Articles

Dentistry at Its Centennial Crossroads: R. F. Sognnaes .................. 1681

Prevention is the only rational solution to dental health; basic science, the only hopeful approach.

Effect of Soil Nutrients on Plant Uptake of Fallout: E. B. Fowler and C. W. Christenson 1689

Soil calcium and potassium decrease strontium-90/calcium and cesium-137/potassium ratios in plants.

Gilbert Morgan Smith, Botanist: R. M. Page .............................. 1693

Science in the News

Permanent Space Committee Established by United Nations; Geological Survey Volcanologists Study New Series of Eruptions at Hawaï's Kilauea; Scientific Sections of Exchange Agreement with Soviet Union ............ 1695

Book Reviews

C. Brinton's A History of Western Morals, reviewed by J. Barzun; other reviews .... 1702

Reports

Masculinity and Smoking: C. C. Seltzer ....................................... 1706

Method for the Study of Antigenicity of Homologous Whole Spleen Cells in Mice:
L. T. Mann, Jr., J. M. Corson, G. J. Dammin .............................. 1707

Cytopathic Effect of Canine Distemper Virus in Tissue Culture:
D. T. Karzon and R. H. Bussell ................................................ 1708

Evidence That Cut Optic Nerve Fibers in a Frog Regenerate to Their Proper Places in the Tectum: H. R. Maturana et al. ..................... 1709

Lunar and Solar Perturbations on Satellite Orbits:
E. Upton, A. Bailie, P. Musen ................................................. 1710

Fat and Growth during Childhood: S. M. Garn and J. A. Haskell .......... 1711

Departments

Letters ...................................................................................... 1678

Laboratory Animal Breeders; Forthcoming Events; New Products .......... 1714

Cover

Microscopic section of monkey tooth. The pie-shaped area, upper left, is a segment of the "nerve" (pulp), which is lined by a row of cells (odontoblasts). Extensions of these cells radiate obliquely through minute channels in the bulk of ivory (dentin), and are intersected by delicate rhythmic growth lines, like rings of a tree trunk. On the right, the rock-hard "skin" of the tooth (enamel) forms a homogeneously mineralized shell of protection. Specimen from laboratory of Reidar F. Sognnaes. See page 1681.