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Dendrites: W. A. Tiller
Understanding of this familiar phenomenon has led to the development of useful man-made materials.

Growth, Maturation, and Senescence in Fruits: J. B. Biale
Recent knowledge on growth regulation and on biological oxidations has been applied to studies with fruits.

Underwater Sound: Deep-Ocean Propagation: R. A. Frosch
Variations of temperature and pressure have great influence on the propagation of sound in the ocean.

Original papers are used as textbooks in a university course for non-science students.

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Nobel Prize: Three Honored in Physics: Astronomy: Proposals for Major Construction Program; Sartre: The Other Culture

Report from Europe: Genetics at Cologne: V. K. McElheny

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COVER

Migratory white-crowned sparrow (Zonotrichia leucophrys gambelii) at its wintering ground near San Jose, California. Birds of this species nest in northern Canada or Alaska and return each fall to the same location in California. They also have the ability to go back to the same winter home after artificial displacement across the continent. See page 941. [William K. Kirsher, Menlo Park, California]
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