

The Weekly Newsmagazine of Science

# SCIENCE NEWS

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**Forensic  
Forestry**



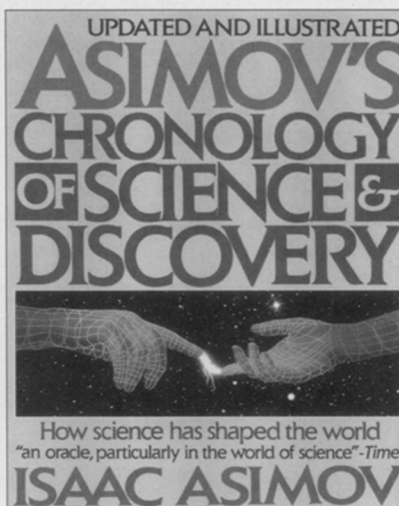
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- ◆ How fire was tamed in 500,000 B.C.
- ◆ Why zero was added to the numerical system in 810
- ◆ Who invented the microscope in 1590
- ◆ The first hot-air balloon flight in 1783
- ◆ The discovery of X rays in 1895
- ◆ The introduction of the Rorshach test in 1921
- ◆ How DNA was identified as genetic material in 1944
- ◆ The launching of the Hubble Space Telescope in 1990
- ◆ Andrew John Wiles' claim that he had proved Fermat's Last Theorem in 1993

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Dr. Simon's program is unique in going far beyond the familiar "big four" —low-fat diet, exercise, smoking cessation, and stress reduction. His program advocates nutritional supplements such as antioxidants and soluble fiber, which are often overlooked by physicians despite their demonstrated benefits, and he explains why recent controversial studies of antioxidants may be misleading.

Other controversial though scientifically valid recommendations include low-dose alcohol, regular consumption of fish, low-dose aspirin, and avoiding passive smoking. The chapter called "Facts or Fads: Other Tips That May Help," includes the latest word on everything from garlic and onions to vitamin B<sub>6</sub>, antacids, and lecithin. An important chapter on estrogen replacement therapy addresses the specific concerns of women and their particular risk factors. And, finally, should medical intervention be necessary, Dr. Simon explains the benefits and risks of state-of-the-art medical tests, medications, and other treatments.

Because many of Dr. Simon's recommendations may strike some as unorthodox, he documents the scientific basis for his program by presenting and explaining in clear language the relevant medical studies. Authoritative, practical, and supportive, *Conquering Heart Disease* is an empowering way to avoid high-tech medicine and achieve optimum cardiovascular health.

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- Affordable Light Amplification
- Infrared Light Source Included
- Auto-gain With Exposure Protection

With the wide variety of Russian night vision scopes on the market, choosing the best can prove to be difficult. Having tested most of the scopes currently available, Edmund Scientific is pleased to offer the best scope overall in quality and price. This scope features affordable night vision with huge image gain and resolution. The unit only requires 0.002 lux natural or artificial illumination to function. An adjustable external illuminator is visible to provide near-infrared light to scenes below the minimum level. Spectral response is wide, ranging from visible to near-infrared. Auto-gain circuitry prevents damage against accidental bright light exposure. Manual diaphragm allows alternative control over image brightness received by the scope. Eye-piece diopter adjustable; battery included, weight 2.8 lbs.

**NB52,839 \$435.00**

### Projects Miniature Details On Your TV Monitor.

Our miniature breadboard-type CCD B&W camera (1.26" x 1.26" x 0.75" thick) for machine vision, instrumentation and OEM applications can open doors to your creative imagination. Unit features a 3.7mm pinhole lens built into the breadboard assembly. Wired for 9 volt DC input and video output, with an automatic electronic shutter. Field of view is 45° (V) x 60° (H) with 32mm x 32mm dimensions. You can observe miniature details on a TV monitor (not included.) from a range of only inches away to up to 15 feet with a 0.3 Lux minimum illumination. Many applications - limited only by your imagination - from home or office security, viewing hard-to-see areas, robotics, machine vision, etc.

**NB52,569 \$230.00**

### Extra Large Digital Readout Thermometer Reads BOTH Indoor And Outdoor Temperatures.

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### The Powerful Edmund 400X Full Size Student Microscope - Ideal For Every Age Classroom.

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A classic science experiment demonstrates the properties of air, named after the scientist Rene Descartes. Air has weight, exerts pressure, and can be squeezed or compressed. The Cartesian Diver demonstrates all three properties. The diver will float or sink in the bottle of water depending on the water level; the water level inside of the diver rises because the pressure squeezes the air into smaller space. Place the Hook into the bottle. **Squeeze the bottle and Hook the Sinker!**

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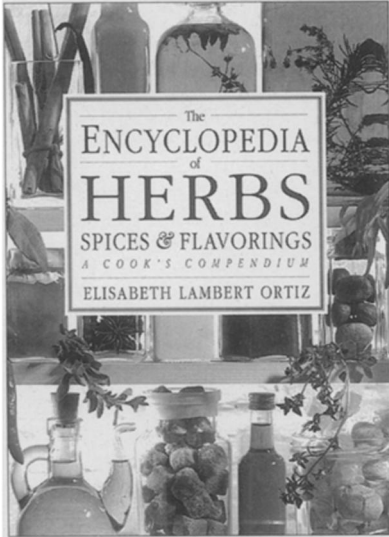
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In *The Encyclopedia of Herbs, Spices, and Flavorings*, contributing editor Elisabeth Lambert Ortiz, an authority on international cuisine, has created a comprehensive sourcebook featuring invaluable information on more than 200 herbs, spices, essences, edible flowers and leaves, aromatics, vinegars, oils, teas, and coffees — virtually every seasoning a cook might want to use. Each entry contains a spoonful of history, instructions on how to use each ingredient, the ingredient's affinity with other flavorings or foods, special preparation techniques, and decorative uses. More than 750 spectacular full-color photographs show what each ingredient looks like and how to use it effectively.

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**K**okopelli, the mysterious, humpbacked fluteplayer of the American Southwest, has been a sacred figure to Native Americans since prehistoric times.

Fertility symbol, rain priest, roving minstrel and trader, hunting magician, and trickster, Kokopelli was painted and carved on rock walls and boulders from the time of the Anasazi ("The Ancient Ones") to the 1700s.

In *Kokopelli: Fluteplayer Images in Rock Art*, geologists Dennis Slifer and James Duffield present the most extensive survey ever conducted on rock art depictions of the humpbacked fluteplayer. The authors, whose research took them into remote parts of Arizona, Colorado, New Mexico, and Utah, discovered more than 300 rock art portraits of Kokopelli, including many that had never been documented — or presented in book form. In this richly illustrated and well-researched book, they give descriptions of many sites and directions to those that are in public areas.

To round out their study, the authors provide a generous sampling of Native American myths and stories about Kokopelli. With more than 300 drawings, color and black-and-white photographs, maps and a helpful glossary of terms, *Kokopelli: Fluteplayer Images in Rock Art*, is the perfect guide to Kokopelli for general readers and an invaluable resource for professionals.

— from Ancient City Press

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