

and J. F. Stauffer—*Macmillan*, 5th ed., 606 p., illus., \$6.25. New material on the phylogeny of plants and their physiology has been added to this standard college text.

THOUSANDS OF SCIENCE PROJECTS: Classified Titles of Exhibits Shown at Science Fairs and/or Produced as Projects for the Annual Science Talent Search—Margaret E. Patterson and Joseph H. Kraus—*Science Service*, 46 p., illus., paper, 25 cents, 10 copies \$1.00. A stimulus and guide for young people looking for science projects.

WHAT'S INSIDE OF ANIMALS?—Herbert S. Zim—*Morrow*, 32 p., illus., \$1.75. An attractive introduction to the world of living creatures.

WHAT'S INSIDE OF ENGINES?—Herbert S. Zim—*Morrow*, 32 p., illus., \$1.75. Graphic pictures and brief, simple text combine to give children a clear idea of how all sorts of engines work.

WHEN PEOPLES SPEAK TO PEOPLES: An Action Guide to International Cultural Relations for American Organizations, Institutions, and Individuals—Harold E. Snyder—*American Council on Education*, 207 p., \$3.00. Covers cultural relations in the postwar world and suggests ideas for making action programs effective.

WONDERS OF THE WOODLAND ANIMALS: The Family Lives of the Furry Animals—Jacquelyn Berrill—*Dodd, Mead*, 77 p., illus., \$2.50. For children of all ages.

Science News Letter, April 18, 1953

HERPETOLOGY

Teeth Best Technique For Reptile Leadership

► SOCIAL CLIMBERS depend on dentition, not diplomacy, to rise in the reptile world. And the socially biggest lizards seem to weigh the most, too.

From observations on a colony of 24 iguanid lizards dumped together in a large terrarium, Dr. Llewellyn T. Evans of the American Museum of Natural History, New York, found that the largest male dominated the group. Lesser males scuttled away when Lizard No. 1 came about, and the females succumbed readily to his domination.

Once Lizard No. 2 challenged grizzled No. 1, and had his tail bitten off for his ambition. Thereafter, No. 2 spent most of his time buried in the sand, well out of No. 1's way.

But the lesser lizards' day came when No. 1 was removed from the terrarium, Dr. Evans reports in *Copeia* (Feb.). With the old warrior gone, the colony split up into small groups, each led by one of the males. No. 2 then began to assert himself by repeatedly challenging the smaller males.

Civil strife was put to a speedy end, however, by the re-introduction of No. 1. He quickly drew the separate parties back into a united social group, and no lizard attempted to question the old tyrant's authority further.

Science News Letter, April 18, 1953

INVENTION

Menu Ordering Device Gives Pushbutton Service

► AN INVENTION that makes ordering a meal in restaurants as easy as playing a jukebox has been devised by Mary Katharine Jones of Louisville, Ky.

Assigned patent No. 2,634,406, her invention includes a pushbutton selector box at each table or at each parking space of a drive-in restaurant. The box resembles those used with remote-controlled jukeboxes.

The menu is listed on the boxes so that each pushbutton represents one item. After deciding what he wants, the customer pushes the buttons beside the items desired. This signals the kitchen directly. The customer's order lights up corresponding items on a kitchen panel.

If the customer changes his mind, he can push a correction button and change his order. This sounds a warning in the kitchen in case the first order is being prepared. If the customer wants the waitress, he can punch her call button. When he has finished a course, he depresses a "finished" button. The bus boy or waitress pushes a "clearing" button when removing all the dishes after the customer has left. This prepares the system for the next customer at that table.

Science News Letter, April 18, 1953

Why Quit Smoking?

Here's How Thousands KEEP UP Smoking Pleasure But CUT DOWN Smoking Harm

WHEN your doctor asks you, "How much do you smoke?" he isn't just talking for his health. He's talking for your health.

For there's hardly a medical man today who doesn't agree that smoking can often cause or aggravate serious physical disorders.

Harmful Effects Now Recognized

In *TIME* there was a recent report from the *Journal of the A.M.A.*: "Cigarette smoking usually sends the blood pressure up, and boosts the pulse rate. It is clear that shrinking of the arteries is caused by nicotine, because denicotinized cigarettes do not produce this result. While doctors are not sure smoking causes heart disease, they have seen symptoms like angina pectoris, that probably resulted from smoking."

And in last October's *Christian Herald*, Roy Norr wrote, in *Smokers Are Getting Scared!*, "No one questions that tobacco smoke irritates the mouth, nose and throat, that it aggravates chronic bronchitis, that smoking is forbidden in cases of gastric and duodenal ulcers . . . But a curtain has largely kept from public notice the controversy raging within medical ranks over the part played by smoking in the rise of bronchogenic carcinoma (lung cancer). The curtain is now being lifted by shocking statistics."

A Startling Fact

"Wait a minute," you say. "I admit the nicotine habit may be bad for me. But I enjoy it! It's pleasant—relaxing."

But here is a startling fact not generally realized. And I quote no less an authority than the *Encyclopaedia Britannica*: "The nicotine determines the strength of the tobacco, but not its flavor and aroma."

In other words, all the talk about the pleasure of nicotine—for which we smokers have been willing to pay so dearly—is bunk! It is the other ingredients in tobacco which give us the fragrance and flavor we enjoy so much.

My cigars and cigarettes—Carl Henrys—are made from fine, fresh tobacco from which most of the nicotine has been carefully removed. Only .7 of 1% nicotine remains—but ALL the precious vegetable oils which give fine tobacco its wonderful flavor and aroma are retained. Thus you are able to KEEP UP the pleasure of smoking but greatly CUT DOWN the harm. No wonder many doctors smoke Carl Henrys, and recommend them to many of their patients.

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