

SCIENCE NEWS

JULY 12, 1980
VOL. 118, NO. 2

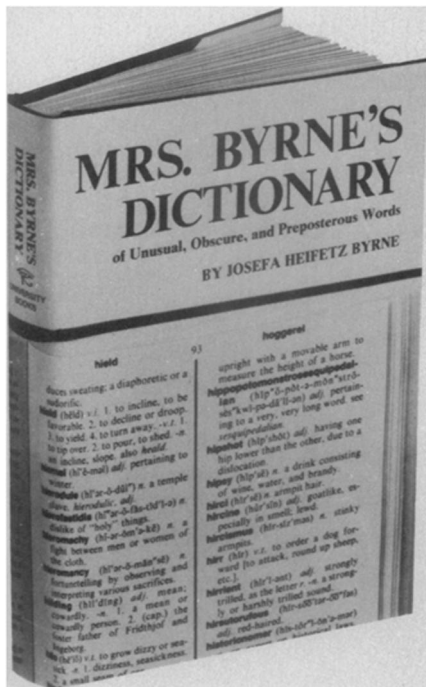
A scanning electron micrograph showing several large, irregular, and textured cells, likely lung cancer cells, against a dark background. The cells have a rough, porous appearance with various protrusions and indentations. One large cell is on the left, another is in the center, and several smaller, more fragmented cells are on the right and bottom right.

LUNG CANCER

The TAA Approach

For years I suffered terribly from
LETHOLOGICA
until a nice doctor friend prescribed

**Mrs. Byrne's Dictionary
of Unusual, Obscure, and Preposterous Words**



Yes, for years I couldn't remember the right words. People I considered complete idiots were finishing my sentences for me. I was leaving blanks in my love letters and suicide notes. I found how bleak the future was when I tried a little cephalonamancy (fortunetelling by boiling an ass head), and tyromancy (fortunetelling by watching cheese coagulate).

I went from doctor to doctor looking for help, finally becoming a confirmed iatrapistiatic (one having little faith in doctors), especially when one suggested I needed a hepaticocholangiocholecystenterostomy (look it up).

Then I found *Mrs. Byrne's Dictionary*. Now I can be unusual, obscure and preposterous by turns. Now I don't need an unabridged to go along with my collegiate. For entertainment now, I browse instead of groak (watching people silently while they eat, hoping they'll ask you to join them). I don't care anymore that we have a kakistocracy (government or rule by the worst).

Mrs. Byrne's Dictionary by Josefa Heifetz is better than omphaloskepsis!

GARDYLOO!

Herb Caen in the *San Francisco Chronicle*: "Wildly funny!"

Leslie Hanscom in *Newsday*: "You can dip in anywhere and come up with pay dirt . . . hundreds of words to stand your hair on end. Only a clinchpoop could scan these pages without a feeling of awe at the undiscovered boundaries of the English tongue!"

Nels Nelson in the *Philadelphia Daily News*: "A treasure! We should all kiss the publisher's feet!"

Camilla Snyder in the *Los Angeles Herald-Examiner*: "Hilariously useful . . . delicious!"

Donald B. Thackrey of *United Press International*: "A dictionary you can browse through and read like a book . . . a dictionary that will give great pleasure to many. Every page contains at least one nugget."

Sydney J. Harris in the *Chicago Daily News*: "There is no comparable work; I unreservedly recommend it."

At your favorite bookshop or order directly from the publisher, using the handy coupon below.

University Books, Inc., 120 Enterprise Ave., Secaucus, N.J. 07094

Please send me by return mail a copy of MRS. BYRNES DICTIONARY for which I enclose \$12.50 plus \$1 for postage and shipping.

My name: _____

Address: _____

City: _____ State: _____ Zip: _____

(University Books is a Lyle Stuart company)

SN-7/12/80

OF THE WEEK

Science at the Supreme Court	20
Benzene standard overturned	20
A chemical monopoly game	20
Upholding the Hyde Amendment	20
Solar changes reflected in aurora	21
CAH: Now you see it, now you don't	22
Some auto makers get CO waivers	22
Glacier retreat predictable	23
CT scans for tumor diagnosis	23

RESEARCH NOTES

Behavior	24
Biology	24
Space Sciences	25
Science & Society	25

ARTICLES

Lung cancer: Fighting fire with fire	26
Psychiatric bias comes under fire	29

DEPARTMENTS

Books	28
-------	----

COVER: Human lung cancer tissue may contain its own cure. Tumor-associated antigens from lung cancer tissue are injected into patients in hopes that they will stimulate the patients' immune systems. See p. 26. (Scanning electron micrograph: Marie M. Cassidy and Fred Lightfoot, George Washington University Medical Center)

Publisher	E. G. Sherburne Jr.
Editor	Robert J. Trotter
Senior Editor and Physical Sciences	Dietrick E. Thomsen
Behavioral Sciences	Joel Greenberg
Biomedicine	Joan Arehart-Treichel
Chemistry	Linda Garmon
Earth Sciences	Susan West
Life Sciences	Julie Ann Miller
Policy/Technology	Janet Raloff
Space Sciences	Jonathan Eberhart
Contributing Editors	Lynn Arthur Steen (mathematics) Kendrick Frazier John H. Douglas Michael A. Guillen
Science Writer Intern	Joanne Silberner
Assistant Editor	Judy Klein
Art Director	Dale Appleman
Assistant to the Editor	Angela Musick
Books	Jane M. Livermore
Business Manager	Donald Harless
Advertising	Scherago Associates 1515 Broadway New York, N.Y. 10036 Fred W. Dieffenbach, Sales Director

Copyright © 1980 by Science Service, Inc., 1719 N St., N.W., Washington D.C. 20036. Republication of any portion of SCIENCE NEWS without written permission of the publisher is prohibited.

Editorial and Business Offices
1719 N Street, N.W.
Washington, D. C. 20036

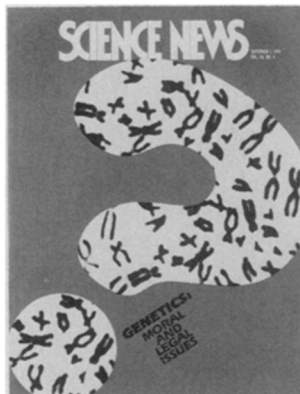
Subscription Department
231 West Center Street
Marion, Ohio 43302

Subscription rate: 1 yr., \$19.50; 2 yrs., \$34.00; 3 yrs., \$47.50. (Add \$3 a year for Canada and Mexico, \$4 for all other countries.) Change of address: Four to six weeks' notice is required. Please state exactly how magazine is to be addressed. Include zip code. For new subscriptions only call: (1) 800-247-2160.

Printed in U.S.A. Second class postage paid at Washington, D. C. Title registered as trademark U.S. and Canadian Patent Offices.

Published every Saturday by SCIENCE SERVICE, Inc. 1719 N St., N.W., Washington, D. C. 20036. (202-785-2255) ISSN 0036-8423

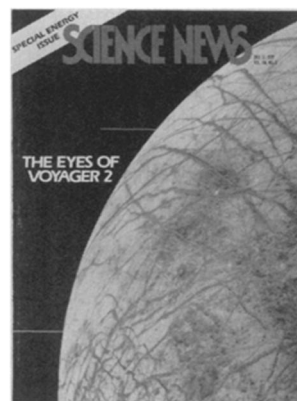
WE'RE HABIT FORMING



Don't continue reading someone else's copy of SCIENCE NEWS to get the latest in scientific information.

Presenting all the week's science news, along with feature-length articles, in a readable style, SCIENCE NEWS quickly becomes indispensable.

Special, double-sized issues including reports from all over the globe help make SCIENCE NEWS a must for anyone who wants to get the story behind the story. Don't take a chance on missing out. Get your subscription or help a friend start the SCIENCE NEWS habit.



Fill out the coupon below or call — 800-247-2160.
(for new subscriptions only)

SCIENCE NEWS

Subscription Dept. D280-3
231 W. Center St.
Marion, Ohio 43302

- 1 yr., \$19.50
 - 2 yrs., \$34.00
 - 3 yrs., \$47.50
- (Add \$3 a year for Canada & Mexico, \$4 for all other countries.)

Name _____ (please print)

Address _____

City _____ State _____ Zip _____