though such troughs are presently classed as lunar mysteries, one theory is that the notch resulted from the shock of the meteor impact that formed a huge crater at its south end; another postulates seismic activity within the moon.

A similar moon-wide mapping mission is scheduled for Lunar Orbiter 5, to be launched early this August.



NASA

Lunar trench: volcanic or impact?

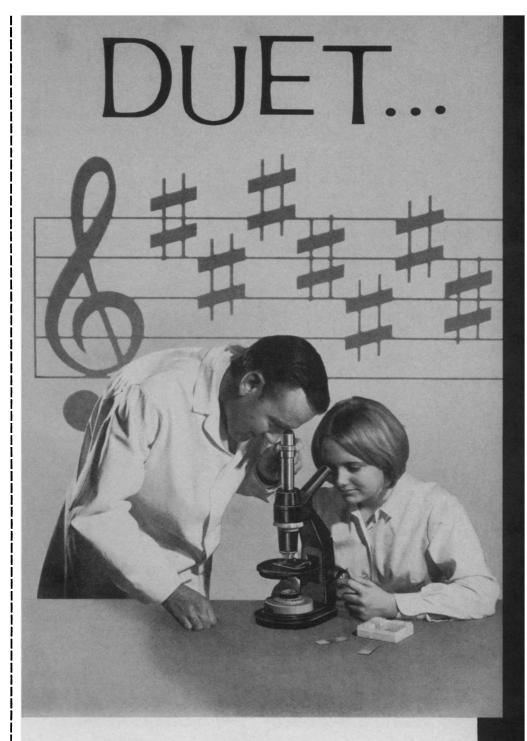
FROM AUSTRALIA

## Induced Migraines

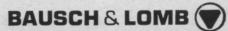
During research into migraine, three doctors have found that they could induce it artificially in people who were already sufferers. But when they tried the same process with patients who did not suffer from migraine they developed only dull headaches.

Dr. J. W. Lance and two colleagues reported on their research at the University of South Wales, to the second Asian and Oceanian Congress of Neurology. Their research started more than four years ago and revealed that the level in the blood of a chemical called serotonin drops when a person suffers a migraine. By taking regular blood samples before, during and after a migraine attack, they produced graphs to back up the idea. Then, artificially reducing the amount of serotonin in the blood by injecting another chemical, they produced migraine in people who already suffered from it. This artificial migraine was exactly the same as the one the person normally suffered. The doctors said they believed that other chemicals might cause a similar reaction and their research is continuing.

They hope their research will lead to the discovery of some means of artificially keeping up the levels of serotonin and thus reducing the possibility of attacks.



teaching, faster learning. It's a double-viewing head with built-in measuring pointers. Student and teacher or two students see the same specimen simultaneously. Both see with advanced Wide Field Zoom, too. Both see the image always in focus as you zoom through a continuously variable range of powers from  $100 \times to 500 \times$ . You see at the right magnification. It's an exciting, dramatic show for students and teachers. You get it *only* with the Bausch & Lomb Academic 255 High School/College Microscope. Write for complete information in our new Catalog No. 31-2172. Bausch & Lomb, 26641 Bausch Street, Rochester, New York 14602.



In Canada, Bausch & Lomb Optical Co., Ltd., 16 Grosvenor St., Toronto, Ontario.

ADVANCING ELECTRONIC OPTICAL

INSTRUMENTATION