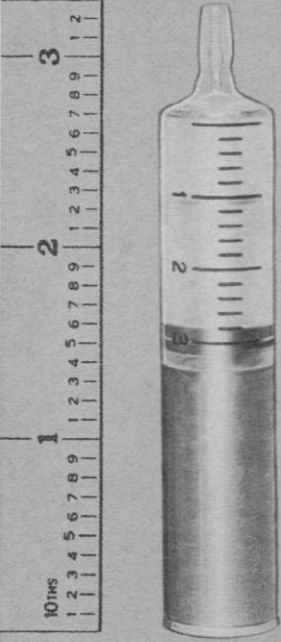


**NEW from**  
**SAGE**  
 INSTRUMENTS

**WORLD'S  
 SMALLEST  
 INFUSION  
 PUMP**

Miniature, Lightweight, Portable  
 battery-operated...ideal for continuous  
 infusion into unrestrained animals



Sage  
 Micro-Flow  
 Pump  
 shown  
 actual  
 size  
 Patent  
 Pending

The new Sage Micro-Flow pump operates by electrolysis. It generates a gas that moves a piston, driving fluid at a generally uniform rate. The unit is just over 3" long — about  $\frac{5}{8}$ " in diameter, and weighs 28 grams. Total capacity is 1 ml.

Flow rates can be varied from 1 ml/half hr to 1 ml/20 hr. The pumping rate is determined by the flow rate capsule selected.

The pump complete and ready for use, with 1 ml/hr flow rate capsule, battery pack and supply of electrolyte... **\$55.00**

Flow rate capsule kit with set of 4 capsules: 1 ml/half hr; 1 ml/2 hr; 1 ml/8 hr; 1 ml/20 hr... **\$20.00**

Extra battery packs and electrolyte are available.

Send mail orders or requests for catalog data to:

**SAGE INSTRUMENTS, INC.**

2 SPRING ST., WHITE PLAINS, N.Y.  
 914 WHITE PLAINS 9-4121

734

alike that the vast majority of living things fall into well-defined units, for which the generally accepted name is "species." Darwin showed that these species have evolved and are evolving. It then became clear why many species vary to some extent from place to place or, as seen in the fossil record, from time to time. Given the conditions on this planet and the genetic properties of living organisms, thousands, and indeed millions, of these essentially discrete and genetically self-contained units have evolved. We may as well continue to call them species, for to deny their existence is as futile as it would have been for Thoreau to deny the existence of Walden Pond because he found it not exactly the same at all times and places.

DEAN AMADON  
 American Museum of Natural History,  
 New York, New York

Amadon's approach to problems of population biology emphasizes the need for unemotional evaluations of the concepts in this field.

PAUL R. EHRLICH  
 RICHARD W. HOLM  
 Division of Systematic Biology,  
 Stanford University,  
 Stanford, California

### Overtrimmed Cover Picture

This note may clear up some confusion which may arise from a perusal of the cover illustration on the 13 July 1962 issue of *Science*. The drawing shows a portion of the follicular epithelium which surrounds a developing oocyte of *Drosophila melanogaster*. A corner of a follicle cell nucleus is shown, as are various cytoplasmic organelles including mitochondria and arrays of endoplasmic reticulum (enclosing lipoidal droplets). To the right of the basement membrane of the follicle cell lies a segment of the epithelial sheath (characterized by its smooth muscle fibrils) which encloses the follicle. To the right of this lies a longitudinally sectioned trachea. The magnification is 27,000. The confusion with respect to the caption arises from the fact that only the right-hand half of a larger drawing was used for the cover illustration.

Northwestern University,  
 Evanston, Illinois

R. C. KING

## new automatic scanning multi-channel recording tele-thermo meter



Model 47

Price \$295

### Major Features

- Temperature range: four stock ranges, fifteen semi-stock ranges, from  $-45^{\circ}\text{C}$ . to  $150^{\circ}\text{C}$ . ( $-50^{\circ}\text{F}$ . to  $300^{\circ}\text{F}$ .).
- Automatically scans 3, 7, or 11 channels as standard.
- Direct reading and recorder output, each channel, for 20 sec., 1 min., or 5 min. as standard.
- Recorder output for 100-120 millivolt recorders. YSI Model 80 (\$295) completes system.
- Simple identification of recorded channel provided.
- YSI interchangeable thermistor based temperature measurement.

Get complete specifications from your YSI dealer or write:

