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GENERAL SCIENCE

News From Science Clubs

➤ VARIED, IMAGINATIVE PROGRAMS for school and community betterment indicate that science club members are actively concerned about their responsibilities as good citizens. Here are some of the improvement projects reported to Science Clubs of America:

MEMBERS of the North College Hill Chapter of SCA, North College Hill High School, Cincinnati, Ohio, volunteered to serve as precinct workers at polling places during a successful bond election. Money from the bond issue is allocated for the building of four new school science laboratories.

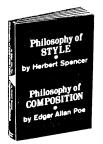
ELLERBE Science Club at the Ellerbe, N. C., High School is undertaking a landscaping program for the school grounds. Work began with the planting of a flower bed at one of the school entrances.

MAIN REASON for forming the Physics Club at Notre Dame Academy, Roxbury, Mass., was to supplement school science courses by "offering capable Juniors and Seniors an opportunity to participate in Physics Seminars," the club secretary reports.

IN ROCHESTER, N. Y., the Dake Junior High Science Club planned to arrange school assemblies where plays dealing with famous scientists would be presented, or scientific principles would be demonstrated.

AN EXHIBÎT on "Microscopic Life of the Sea" was prepared by the Research Council at Incarnate Word Academy, Corpus Christi, Texas, for presentation at a convention of the National Council of Catholic Men.

TRI-SCI Club at the Greenville, S. C., Senior High School, reports a marked improvement in its public relations program



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through the use of qualified local citizens as

guest speakers and field trip guides.

THE D. I. HAYDEN Math and Science Club at Hayden High School, Franklin, Va., conducted an analysis of the community's drinking water.

AS ITS FIRST project, Beta Chi Science Club at Charity High School, Rose Hill, N. C., chose to equip the school's science department with blackout curtains.

THE NATURAL History Club at the Ft. Worth, Texas, Children's Museum helps collect and prepare the museum's scientific

LABELING the names of trees in a community park occupied members of the Bi-Phy-Chem Club at Central Junior High

School, West Chester, Pa.
THE INFORMATION program of Prima Scientia Club, St. Paul, Minn., includes publication of a science newsletter every other week.

• Science News Letter, 79:394 June 24, 1961

ENTOMOLOGY

Heated Male Mosquitoes Change Into Females

➤ WHEN IMMATURE male mosquitoes get too hot, they grow up to be females. Except for a slight difference in certain feelers, they are then indistinguishable from normal females, both in external appearance and internal structure.

Drs. William R. Horsfall and John F. Anderson of the University of Illinois, Urbana, report that when larvae of Aedes stimulans, a snow-pool mosquito common to Canada and the northern United States, are subjected to a temperature of 85 degrees Fahrenheit for seven days, all the larvae hatch out as apparent females. (If the larvae receive high temperature exposure during the six days, the intended males become intersexes, mosquitoes with both male and female characteristics.)

If high temperature is applied only during the last three days before hatching, the males are still males, but they are sterile because their reproductive organs do not align into proper position. At a temperature of 75 degrees Fahrenheit, both males and females are normal.

This indicates that the excess heat not only suppresses development of maleness, but also enhances the expression of female characters, the scientists report in Science, 133:1830, 1961.

• Science News Letter, 79:394 June 24, 1961

IMMUNOLOGY—How many percent of a test group of children were successfully immunized against measles? p. 387.

METEOROLOGY—How many persons were killed by tornadoes in 1960? p. 386.

Photographs: Cover, Bell Aerosystems Company; p. 387, National Aeronautics and Space Administration; p. 389, Atlantic Research Corporation; p. 396, Aero Service. Corp.