

CYTOLOGY

Warmer Temperatures For Males Than Females

➤ **WARMER TEMPERATURES** are needed to develop males than females, at least in some snails.

The snails, known to scientists as *Cepea nemoralis* L., are hermaphrodites with the kind of reproductive tissue that insures the simultaneous development of elements of male and female germ cells.

At freezing temperatures, development of both male sperm cells and female egg cells is stopped. At a slightly higher but still chilly temperature, 42.8 degrees Fahrenheit, development of male germ cells is checked but egg cells develop.

It takes a temperature of 73.4 degrees Fahrenheit for sperm cells to develop, although eggs also develop at this warm temperature. The egg cells formed at this temperature, however, do not mature.

The findings are reported by Dr. J. Bouillon of Brussels, Belgium, in *Nature* (Jan. 21).

Science News Letter, February 4, 1956

SCIENCE QUIZ ANSWERS

Correct answers to Part C are: 109.2-3; 109.3-7; 109.4-6; 109.5-1

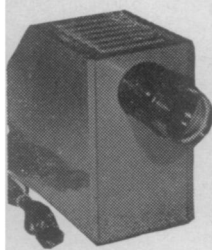
Correct answers to Part B are: 90.1; 91.3; 61.4; 62.3; 63.4; 87.1; 88.1; 89.4

Correct answers to Part A are: 23-3; 24.4; 25.2; 16.4; 17.4; 18.4; 19.4; 20.4; 22.3;

Now that you have taken the science aptitude test, you are ready to check your answers. Give yourself one point for each right answer.

Science News Letter, February 4, 1956

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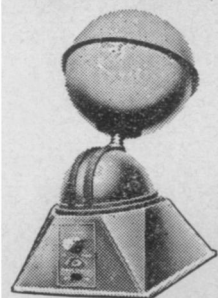


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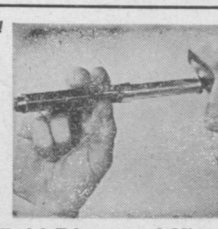
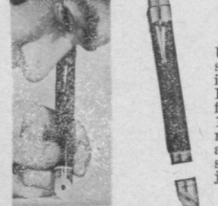
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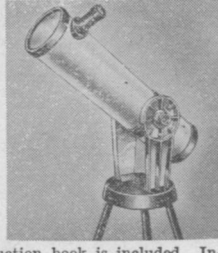


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