

Title: Pollution and drosophila experiments.

Producer: Jim Stevenson

Contributors: Mike Pentz
Peggy Varley
Steven Rose

CU S 100/B (1975)

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Form VCR

Duration 23'52"

Class nos. 595.774045222
628.53

Summary: The results of the two student experiments are discussed.

Seq.	Time.	Footage.	Sequence List.	Sound Cue
1	1'13"	34	Mike Pentz introduces the programme.	
	3'55"	102	Peggy Varley with a map of the U.K. showing OU regions. She points out the percentage of students in each of the regions who sent in results of their drosophila experiment.	
	6'17"	158	Varley uses histograms to show the numbers of flies caught in jars exposed for four and eight days respectively. She compares this with the data on a 1973 histogram. Varley goes on to another histogram which shows the number of drosophila caught in jars with various baits. This is also compared with 1973 data.	
	11'19"	256	Varley uses a histogram to show the average number of drosophila bred per student in various environments. Drosophila subobscura and drosophila melanogaster are treated separately. Varley compares this data with data for 1973. Using a map of the U.K., Varley shows the distribution of various drosophila parasites as found by students. Mike Pentz sums up.	...the sulphur dioxide.
2	13'49"	300	Steven Rose uses a map of the U.K. to show SO ₂ concentration in the atmosphere as reported by students.	Just under 300....
	16'57"	350	Rose uses a histogram to show the relationship between SO ₂ concentration and various weather conditions as reported by students. He compares this with a histogram showing 1973 data.	

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PROGRAMME SEQUENCE LIST

Continuation

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