

Number of supernumerary bristles variable. Found in offspring of 24 ♀♀, 6 strains with variable degrees of penetrance.

High frequencies of cvl and sv phenotypes have been found in all populations investigated. tdc and shsc phenotypes have not been described from natural populations of *D. subobscura*. Phenotypes similar to esc were found in Greek populations (Pentzos da Ponte et al. 1967).

The extremely low occurrence of the newly described phenotypes (tdc, shsc, esc) in F_2 cultures and the difficulty of detecting them presuppose the idea that these types might not be specific for the populations in Switzerland; perhaps their presence or absence reflects different intensity of observation.

References: Burla, H. 1967 DIS 42:66; _____ 1968 DIS 43:76-78; Gordon, C. 1936 J. of Genetics 33:25-60; Gordon, C., H. Spurway and P.A.R. Street 1939 J. of Genetics 38:37-90; Pentzos-Daponte, A., E. Boesiger and A. Kanellis 1967 Thessaloniki physikomathematikes scholes 10:133-159; Prevosti, A. 1951 Genetica Iberica 3, 1/2:37-46.

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Fattig, W.D. and W.L. Rickoll University of Alabama in Birmingham, Alabama. Isolation of temperature sensitive mutants of the third chromosome of *D. melanogaster*.

A screening procedure for the detection of recessive temperature sensitive lethal mutations on the third chromosome of *Drosophila melanogaster* has been devised and tested. Oregon-R (Oak Ridge) males were treated with ethylmethane sulfonate (EMS) according to the method of Lewis

and Bacher (DIS 43:193, 1968), and mated according to the following diagram.

