

Turkish Journal of Zoology

Turkish Journal
of
Zoology

Two New Sex Determining Factors (M V , F D) in Housefly, (*Musca domestica*) Populations in Turkey

Şükran ÇAKIR

Ankara University, Faculty of Veterinary (Genetics), 06110 Ankara-TURKEY


Abstract: In most strains of the common housefly, *Musca domestica*, sex is genetically determined by the presence or absence of a Y chromosome with a dominant male determining factor, M. Standard strains have an XX-XY mechanism. In certain laboratory and natural populations, however, neither females nor males have the Y chromosome. These non-standard populations have autosomal mechanisms for sex determination. In the present study, the existence of two new autosomal sex determining factors, M V and F D , in housefly populations in Turkey was determined.

Key Words: *Musca domestica*, sex determination, M factor, F D factor.

Turk. J. Zool., **23**, (1999), 73-78.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Zool.,vol.23,iss.1](#).

 [Keywords](#)
[Authors](#)



zool@tubitak.gov.tr

[Scientific Journals Home Page](#)