

Five-year comparison of trapping methods for mosquito population assessment

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We analyzed 5 years worth of data on *Culex tarsalis* populations in Contra Costa County, including New Jersey light trap counts, EVS trap counts at fixed locations & larval dip counts. All 3 data sets were strongly correlated with each other & also showed strong correlations with ambient temperature. While NJLT & larval dip counts were linearly correlated with temperature, EVS counts were logarithmically correlated with temperature & with other population measures. Both NJLT and EVS data appeared to provide nearly equivalent information on population trends, despite large differences in the number of mosquitoes captured.