

EMILY BOLINGER, Department of Biology, Fairmont State University, Fairmont, WV 26554, JAMIE MOORE, Marion County Health Department, Fairmont, WV 26554, PHILLIP YEAGER, Department of Biology, Fairmont State University, Fairmont, WV 26554, and MARK FLOOD, Department of Biology, Fairmont State University, Fairmont, WV 26554. Identification of Mosquitos Potentially Carrying Zika Virus in Marion County West Virginia.

This study was targeted at identifying different types of mosquitos found in Marion County, West Virginia and testing *Ae. albopictus* for Zika virus. This study used a wide variety of sampling locations within Marion County, using traps such as: larvae catch, gravid traps, and CDC traps. There were several different types of mosquitos found in Marion County, however Zika virus testing on *Ae. albopictus* came up negative on every group tested. Groups that were gathered by a trap, at a given sampling location, that had less than ten *Ae. Albopictus* were not tested for Zika virus; these groups were thrown out of testing. Zika virus was not found in Marion County, West Virginia. Funding for this study was provided by the Marion County Health Department.