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Literature Cited

Fleetwood, S. C., C. D. Steelman and P. E. Schilling. 1978. The association of certain permanent and floodwater mosquitoes with selected plant species in Louisiana coastal marsh. Environ. Entomol. (Accepted for publication).

Horsfall, W. R. 1956. A method for making a survey of floodwater mosquitoes. Mosquito News. 16:66-71.

Meek, C. L. 1975. Bionomics of Psorophora confinnis (Lynch-Arribalzaga) in Texas ricelands: Oviposition sites and egg longevity. Doctoral Dissertation, Texas A&M Univ., College Station, Texas. 199 pp.

Meek, C. L. and J. K. Olson. 1976. Oviposition sites used by Psorophora columbiae (Diptera: Culicidae) in Texas riceland. Mosquito

News. 36:311-315.

Ross, H. H. and W. R. Horsfall, 1965, A synopsis of the mosquitoes of Illinois (Diptera: Culicidae). Ill. Nat. Hist. Surv. Biol. Notes. 52:1-50.

NEW RECORD FOR AEDES FULVUS PALLENS IN MISSOURI

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Aedes fulvus pallens Ross, 1943, has been collected in New Jersey light traps, CDC miniature light traps, truck traps, and biting collections (Harden and Poolson 1969). This mosquito is reportedly a fierce biter (Carpenter et al. 1946). Ae. fulvus pallens has been reported in the following states: Alabama, Arkansas, Florida, Georgia, Illinois, Indiana, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia (Carpenter and LaCasse, 1955; Carpenter, 1968, 1970, 1974).

On 5 August 1977, Ae. fulvus pallens was collected (CDC miniature light trap baited with dry ice) near Happy Hollow Picnic Area about 50 m from the Big Piney River, Fort Leonard Wood, Missouri, by Danny E. Wilder, Preventive Medicine Specialist, Health and Environment Activity, Fort Leonard Wood, Missouri. Happy Hollow Picnic Area, a low area subject to flooding, has knee high vegetation and is heavily wooded (maple, cottonwood, oak, and papaw trees). During the trapping period (4:00 p.m. to 9:00 a.m.) temperature and humidity ranged between 23°C-34°C and 35-81%, respectively.

This record, new to Missouri, constitutes the most northwesterly distribution of the species. Identifications made by this Agency as Ae. fulvus pallens were confirmed by T. V. Gaffigan, Medical Entomology Project, US National Museum of Natural History (USNM), Smithsonian Institution, Washington, D.C., to whom we are indebted. The specimen is deposited in the USNM.

Literature Cited

Carpenter, S. J., 1968. Review of recent literature on mosquitoes of North America. Calif. Vector Views 15(8):71-98.

Carpenter, S. J., 1970. Review of recent literature on mosquitoes of North America, Supplement I. Calif. Vector Views 17(6):39-65. Carpenter, S. J., 1974. Review of recent litera-

ture on mosquitoes of North America, Supplement II. Calif. Vector Views 21(12):73-

Carpenter, S. J. and W. J. LaCasse, 1955. Mosquitoes of North America (North of Mexico). University of California Press, Berkeley, 360 pp.

Carpenter, S. J., W. W. Middlekauff and R. W. Chamberlain, 1946. The Mosquitoes of the Southern United States East of Oklahoma and Texas. The American Midland Naturalist Monograph No. 3, The University Press, Notre Dame, Indiana, 292 pp.

Harden, F. W. and B. J. Poolson, 1969. Seasonal distribution of mosquitoes of Hancock County, Mississippi, 1964-1968. Mosquito

News 29(3):407-414.

¹ The opinions or assertions contained herein are the private views of the author and are not to be construed as reflecting the views of the Department of the Army or the Department of Defense.