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## Avian Influenza Virus Prevalence in Migratory Waterfowl in the Central Flyway, 2007–2009

Scott R. Groepper

University of Nebraska-Lincoln, scott.groepper@yahoo.com

Scott E. Hygnstrom

University of Nebraska-Lincoln, shygnstrom1@unl.edu

Mark P. Vrtiska

Nebraska Game and Parks Commission, mark.vrtiska@nebraska.gov

Thomas J. Deliberto

USDA/APHIS/WS National Wildlife Research Center, Thomas.J.DeLibertot@aphis.usda.gov

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## Avian Influenza Virus Prevalence in Migratory Waterfowl in the Central Flyway, 2007–2009

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SCOTT R. GROEPPER, School of Natural Resources, University of Nebraska-Lincoln, Lincoln, NE, USA

SCOTT E. HYGSTROM, School of Natural Resources, University of Nebraska-Lincoln, Lincoln, NE, USA

MARK P. VRTISKA, Nebraska Game and Parks Commission, Lincoln, NE, USA

THOMAS J. DELIBERTO, United States Department of Agriculture, Animal and Plant Health Inspection Service, Wildlife Services, Fort Collins, CO, USA

**ABSTRACT** Highly pathogenic avian influenza (HPAI H5N1) poses risks to wild birds, poultry, and humans. Personnel with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Wildlife Services, state game agencies, and tribal cooperators collected >36,000 migratory birds from 2007–2009 to test for HPAI virus. Species from the dabbling duck, diving duck, and geese and swans functional groups were collected in all 10 states of the Central Flyway. Numerous combinations of the 16 hemagglutinin (H) and 9 neuraminidase (N) subtypes were discovered, but no HPAI H5N1 was found. The dabbling duck functional group had significantly higher ( $p < 0.001$ ) prevalence of AIV than other functional groups and should be the focus of future surveillance.