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Interagency Report Control No. 0180-DOA-AN

Fiscal year: FY20

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

**Annual Report of Research Facility  
Column E Explanation**  
(TYPE OR PRINT)

This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.

**1. REGISTRATION NUMBER**

10-F-0008, Customer:431

**2. Research Facility Headquarters address**

Office of Ecosystems, U. S. Geological Survey  
12201 Sunrise Valley Dr, MS 300

**3. Number of animals used in the study.**

10

**4. Species (common name) of animals used in the study.**

Big Brown Bats

**5. Explain the procedure producing pain and distress.**

The 10 big brown bats were oropharyngeally and nasally challenged with SARS-CoV2 using a pipette tip or blunt ended canula.

**6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight.**

Because SARS-COV2 is possibly a deadly pathogen in big brown bats and the researchers did not know the effect in bats, they have to assume that it could cause pain/and or death in the animals. Medications were not supplied as the purpose of the study is to understand the effects, if any, of SARS-CoV2 on big brown bats.

**7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):**

**Agency**

*June 2 July*

**CFR**