

## Iowa TWS 2022 Winter Meeting

### Abstract Submission Form - Directions

The Iowa TWS Winter Meeting will be held March 2-3, 2022 in Ames, IA at the Quality Inn and Suites. We are requesting abstracts for oral and poster presentations. Presentation slots are limited. Topics related to wildlife research, management, education, or law enforcement will be considered. Presentations should be a total of 20 minutes (15 minutes for presentation, 5 minutes for questions). Abstracts will be evaluated by the Iowa TWS Program Committee and will be selected for inclusion in the program based on merit and available slots. The Iowa TWS Program Committee reserves the right to reject abstracts.

Abstracts should be submitted in this form as a pdf with the last name of the author listed in the file name and sent as an e-mail attachment to [iowatws@gmail.com](mailto:iowatws@gmail.com) on or **before Friday January 14, 2022** to be considered.

Questions regarding abstract submission or presentation format can be directed to Matt Dollison, Iowa TWS President ([iowatws@gmail.com](mailto:iowatws@gmail.com)).

# Iowa TWS 2022 Winter Meeting

## Abstract Submission Form

**Name of Presenting Author:** \_\_\_\_\_

**Affiliation:** \_\_\_\_\_

(university or agency, including particular department or division)

**Additional Authors (if applicable):** \_\_\_\_\_

\_\_\_\_\_  
(Include affiliation institutions and list in order, denoting presenting author with\*)

**Title:** \_\_\_\_\_

\_\_\_\_\_  
(Please use sentence case; including scientific species names where common names are given)

**Mailing Address:** \_\_\_\_\_

**Telephone Number:** \_\_\_\_\_

**E-mail Address:** \_\_\_\_\_

**Type of presentation:** Oral \_\_\_\_\_ Poster \_\_\_\_\_ (check which one is preferred)

**Abstract:** (Maximum of 250 words)

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**(Example abstract form)**

Anita B. Jensen

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Density-dependent habitat selection by greater prairie-sasquatch (*Paranthropus jensenii*) in the Flint Hills of Kansas

Anita B. Jensen\*, Department of Biological Sciences, Wheat State University

Lars D. Shoemaker, School of Natural Resources, Wheat State University

Allen U. Adoller, U.S. Cryptozoological Service

Oral presentation

Range expansion in hominids may be influenced by density-dependent processes at range cores. We analyzed long-term trends in the appearance of the greater prairie-sasquatch in the Flint Hills of Kansas in relation to interspecific competition toward the core of the species range in Missouri. This species exhibits large home ranges and facultative use of habitats. Data for our analyses were available from long-term, roadside sasquatch counts conducted annually by volunteer cryptozoologists. Greater prairie-sasquatch were detected more often, and in greater numbers, in the Flint Hills of Kansas in years when conspecific density was relatively high in savanna habitat in Missouri. When overall density of prairie sasquatch was low across the Midwest, the few remaining individuals were concentrated in Missouri savanna. We suspect population density of greater prairie-sasquatch in Missouri savanna is influenced by variable source-sink dynamics with purported populations further to the east. The continued presence of greater prairie-sasquatch in the Flint Hills of Kansas might depend upon the maintenance of healthy populations in eastern portions of the species range.