Homestead National Historical Park



EXPERIENCE

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Jesse Bolli Resource Management Specialist

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Ren er. may. Public 64. Congress of the Rhited States BEGUN AND HELD AT THE CITY OF WASHINGTON (in the District of Columbia)) In Menday the 1600 day of December one thousand eight hundred and sichy our AN ACT to secure forestads to actual sections can de Bu It Branstall by the Senate and House of Representatives of the United States of America in Congress assembled. That any person who is the head of a creatly with has States, outshe shall have filed his inderative of intertion to to cours such, as required by the noticealisation lows of the duited States, cond who had moved tore many against the dartes states government as y en aid and comfort to its enemies, shall from and after the first January, sighter handred and side three bo culitled to inter one quarter section ara less quartity of unapport ated public lands, upon which said person my bare filed a pre emption cloin, an which may at the time on application is anade, as subject to precemption at one de law and twenty - fire cents, orlys, per and or eighty acces ar less of such unapper printed lands, at two dollars and fifly Cents per were; to he located in a body, in Conformity to the legal subdivisions of the public lands, and after the same shall have been surveyed: Provided, That any person our ing and residing on land may, under the provision of the and, entry other land lying Contiguous to his awher said land which shall not, with the land so already oursed and occupied,

the trail to be paid by the percen making the application as the time of so to my , and the other half on the issue of the certificate by the person to whom it may to issues, but this shall not be constructed to enlarge the maximum of compensation now prescribed by law for any register or receiver. Provided that no thing contained in this act shall be so construct on to inchair or interfere in an manner whatever with exiting preemption rights; And Provided further, That all persons who may have filed their applications for a pre-emplies right prior to the passage of this ant shall be articled to all privileges of this act: Finited further, That no person who has served, or may here store some for a pe not of not less than fourteen says in the army or navy of the United States, se. the segular or volunteer, under the law there during the wistince of an active war doncetic or foreign shall be deprived of the bourfits of this art on account of not having attained the age of twenty me years. Cee. J. Mut be it farther enceded, that the fifth section of the ad intitlet An act in addition to an ast more effectually to provide for the punishment of contain oriver against the United States and for sthe purposes, approved the third of March, in the year eighteen hundred and fifty seven shall estend to all oaths, approximations and affid acity required or authorized by this not , The S. And be it further enzotes That nothing in this art shall be so contouch as to pe vent any person whe has arrited him or hereof of the hereof by the prior section of this art for paying the minimum price, or the price to which the same mayhan graduated, for the quantity of land excepted at any time before the expiration of the five years and other nig a patient there for from the government as in other cases provided by law, en making proof of settlement and cultivation as provided by oristing laws granting perioriptic sight Jalushant Grow-- Operator of the Ston se of Representations Volomon hoot, Approvery May 20. 1862 Abrahamslincol

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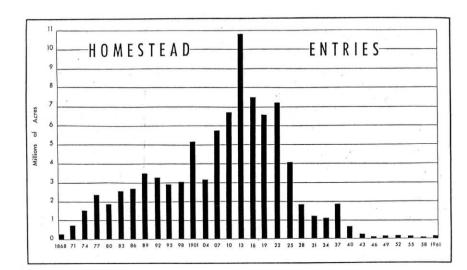




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The National Park Service commemorating the Homestead Act of 1862

March 19, 1936





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With regards to the amount and types of forbs to be included Adolph Murie (1940 Restoration of Native Grassland at Homestead National Monument) suggested that...

"it would seem desirable to make an effort early in the program to restore some of the more prominent spring, summer and fall flowers to show a part of nature which no doubt gave some cheer to the first settlers."

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"The monument's natural resources are managed in such a way as to maintain a heterogeneous landscape composed of a mosaic of high-quality remnant and restored tallgrass prairie, lowland bur oak forest and associated ecotones, as well as prairie streams and their hydrologic processes; that reflect the value of the site as a homestead, represents as accurately as possible the environment encountered by early settlers, and preserves native biodiversity."



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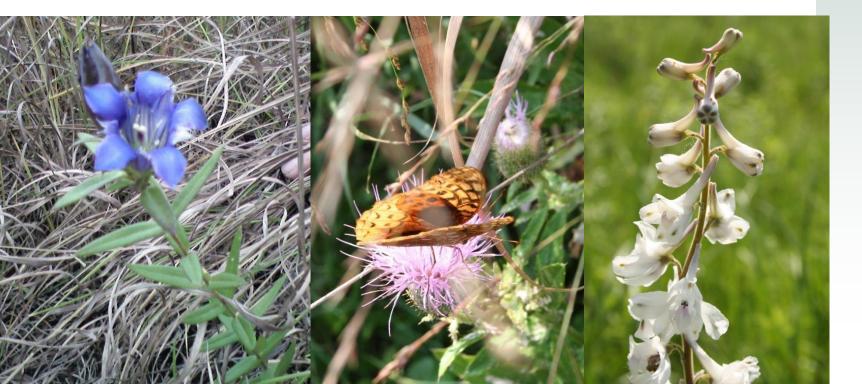




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Plants at Homestead

 Leis SA. 2019. <u>Vegetation monitoring at Homestead National Monument of America</u>, <u>Nebraska: 1998–2017</u>. Natural Resource Report. NPS/HTLN/NRR—2019/1989. National Park Service. Fort Collins, Colorado





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Animals at Homestead

- Fogell, D. 2004. A Herpetofaunal Inventory of Homestead National Monument of America
- Robbins L. 2005. Inventory of Distribution, Composition, and Relative Abundance of Mammals, including Bats a Homestead National Monument of America
- Bowles DE and Clark MK. 2012. Aquatic invertebrate monitoring at Homestead National Monument of America: 1996-2011 trend report.
- Peitz DG, Morrison LW, Mecke KL. 2019. Bird monitoring at Homestead National Monument of America: Status report 2009–2017.
- Integrated Resource Management Applications. irma.nps.gov









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Maintenance of Natural Resources











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Environmental Education







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Roost Use and Movements of Northern Long-Eared Bats in a Southeast Nebraska Agricultural Landscape

CHRISTOPHER T. FILL¹ Nebraska Cooperative Fish and Wildlife Research Unit, and School of Natural Resources, University of Nebraska-Lincoln, 3310 Holdrege Street, Lincoln 68583

Down Woody Debris and Standing Dead Trees of Homestead National Monument Riparian Forest, 2019

CRAIG R. ALLEN AND JOHN F. BENSON School of Natural Resources, University of Nebraska-Lincoln, 3310 Holdrege Street, Lincoln 68583

AND

DIRAC TWIDWELL tment of Agronomy and Horticulture, University of Nebraska-Lincoln, 1825 N 38th Street, Lincoln 68503



Eric A. North¹ and Allie V Schiltmeyer¹ September 2020



 $\label{eq:started} Figure 5.:: Verified roosting sites between both northern long-eared bats at Homestead National Monument, Nebraska in August 2019.: Roost include the burned snag by the male (5a); shadowbox fence by the female (5b); multiple northern long-eared bats in the fence (5c); the hackberry cavity used by the female (5d).$

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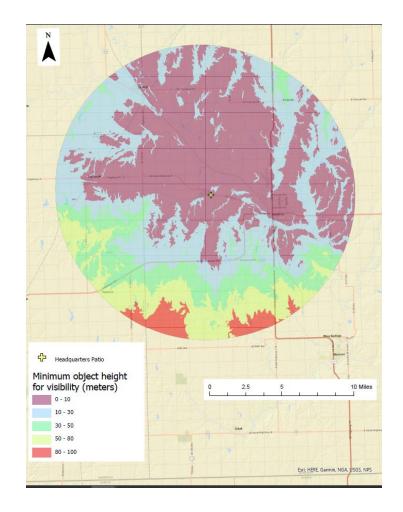
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Current Projects



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Dr. Daniel Uden



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-Common Name		
Mapleleaf	Quadrula quadrula	2020, 2021
Pimpleback	Quadrula pustulosa	2020, 2021
Pink papershell	Potamilus ohiensis	2020, 2021
Fragile papershell	Leptodea fragilis	2020, 2021
Giant floater	Pyganodon grandis	2020 shell only 2021 live
White heel splitter	Lasmigona complanata	2020 shell only
Fingernail clams	Family Sphaeriidae	2020, 2021
Yellow sandshell	Lampsilis teres	2021 shell only
Lilliput	Toxolasma parvum	2021 shell only
Fatmucket	Lampsilis siliquoidea	Reintroduced in 2020 found in 2021
Plain pocketbook	Lampsilis cardium	Reintroduced in 2020 found in 2021



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