

JUNE 15 2023

Special Collections is a radio show that collects sounds.

Tonight's performance is a collage of the following sounds that were collected for previous editions of Special Collections.

The sounds of flies, crickets, cicada, mosquito, wasps, and weevils from the audio collections of the following institutions:

Reference Library of Digitized Insect Sounds,  
USDA Agricultural Research Station  
British Library  
Singing Insects of North America database,  
University of Florida  
Macaulay Library, Cornell University  
Smithsonian National Museum of  
Natural History Library

Recordings of the signature interference pattern created by the phenomenon known as High Frequency Auroral Research Project (HAARP) collected from the ham radio community via message boards and youtube.com

Data used to approximate the sound of earthquakes in the Sun via sonification collected from the following organizations:

NASA Solar Dynamics Observatory  
National Solar Observatory  
Stanford Solar Observatory Group  
University of Michigan Solar and  
Heliospheric Research Group  
National Optical Astronomy Observatory  
HAARP Induction Magnetometer

Recordings of the ecosystem of Yellowstone National Park collected from the Natural Sounds and Night Skies division of the National Park Service and the Sound and Light Ecology team at Colorado State University

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The sound of Fast Radio Burst 121102 was collected from the following paper:

Spectrotemporal Analysis of a Sample of Bursts from FRB 121102

Kaustubh Rajwade, et al 2020, Res. Notes American Astronomical Society Vol 4 :150

Recordings of data gathered by the Electric and Magnetic Field Instrument Suite and Integrated Science within the Van Radiation Belts collected from EMFISIS team, Department of Physics at the University of Iowa

Data from volcanic eruptions collected through the global infrasound monitoring network of the Comprehensive Nuclear Test Ban Treaty Organization (CTBTO) and processed to audible hearing range by vulcanologist Dr. Milton Garces, the Founder and Director of the Infrasound Laboratory at the University of Hawai'i at Mānoa.

Field recordings of shortwave radio anomalies created by Special Collections using the open source software defined radio network of the WebSDR project, websdr.org

Sounds of early 80s radio data broadcast systems culled by Special Collections from archive.org

Recordings of multi-band frequency sweep radios created by Frank Sumption ("Frank's boxes") archived from the internet by Special Collections. This performance features recordings of box numbers: 2, 13, 27, 29, 30, 36, 39, 50, 60, 63, 78, 90, 94, 107, 128, 150, 159, and 180.

The sounds of electromagnetic fields detected around the performer at the time of this performance channeled via Soma Ether long wave EMF radio  
[www.somasynths.com](http://www.somasynths.com)

Special Collections is a project of Sam Rowell

Past episodes available via  
<https://specialcollections.radio>