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Title

Herbaria and Film Photography: Curating Real and Imagined Plant Communities

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Data Availability

The data associated with this publication are available upon request.





Herbaria and Film Photography: Curating Real and Imagined Plant Communities Zoe Makepeace Wood ^{1,2} & Katja C. Seltmann ² ¹ University of California, Davis, CA, USA; ² Cheadle Center for Biodiversity, University of California, Santa Barbara, CA, USA)

Observation, collection, curation, and archiving are central to ecological understanding and artistic process.

Biodiversity data portals are repositories that can be used for a diversity of scientific and artistic applications.

Digitization of historical collections increases accessibility and expands the range of potential hypothesis-driven research.



top left:





CBER

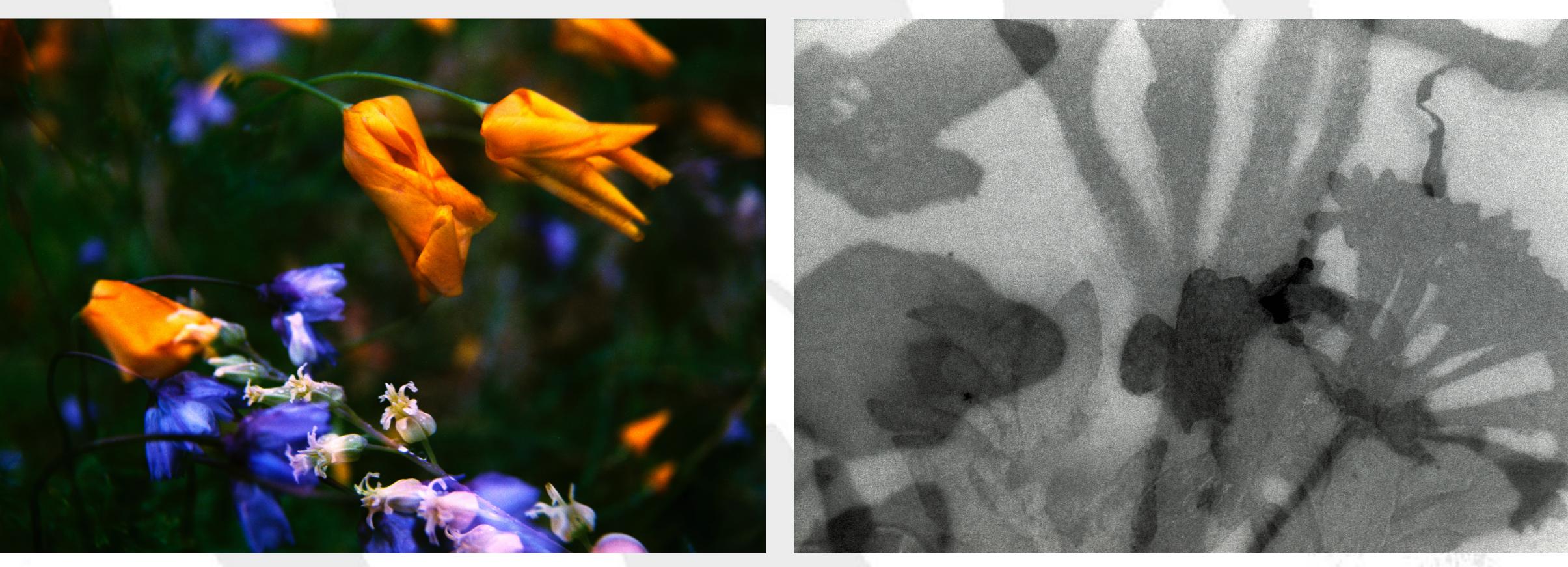
UCSB - University of California Santa Barbara Herbarium (UCSB)

Catalog #: UCSB015534 Occurrence ID: 37eee828-1981-42b6-a8dd-47bccb3b1e3b Secondary Catalog #: 1952 Taxon: Clematis lasiantha Nutt. Family: Ranunculaceae Collector: Ellis, Richard Number: 80 Date: 1960-04-23 Locality: United States, California, Santa Barbara, Glen Annie Canyon Road; 4 miles north of highway Habitat: Sandy soil; in grassy stream bed Preparations: Sheet - 1

Eschscholzia californica Dipterostemon capitatus Streptanthus tortuosus.

california poppy blue dicks mountain jewelflower

table mountain oroville, CA 10:17-10:41 AM 25 February 2023





bottom left: Clematis lasiantha 15 May 2021, Santa Barbara, CA & UCSB015534, 23 April 1960

This project was made possible by UCSB's digitization of collected specimens and the dedicated community of amateur naturalists, expert taxonomists, Cheadle Center staff and interns. Additional thanks to Valentina Chavez, Caitlin Carroll, Joanna Tang, Greg Wahlert, Cameron Hannah-Bick, Chris Berry, Charlie Thrift, Jagger Joyner, Dani Kwan. Additional thank you to my advisors at UC Davis: Louie Yang, Emily Meineke, & Rick Karban.

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top right: Abronia maritima (UCSB041523, 10 February 1980) Atriplex leucophylla (UCSB054668, 9 February 1986) Camissonia cheiranthifolia (UCSB006520, 14 February 1977)

coal oil point goleta, CA 1977-1980

bottom right: Encelia californica Diplacus longiflorus Epilobium canum Distichlis spicata

california brittlebrush southern bush monkeyflower california fuschia saltgrass

north campus open space goleta, CA 8:00-8:11 AM October 19, 2021





Conversations with Collections, UCSB Glass Box Gallery, February 2022



phenology

the timing of life history events i.e. flowering, fruiting, flight time

community ecology

association of populations of two or more different species occupying the same geographical area at the same time.

time series

a sequence of data points that occur in successive order, recorded over consistent intervals of time.







