

USGS Menlo Park Invertebrate Collection

- Collected from the 1950s through mid-1990s.
- Historic reference collections (1890s 1910s)
 transferred when the Menlo Park office opened.
- Comprehensive labeling; well-documented sites.

Photo layout: Dave Smith



Digitizing the Menlo Park Collection

- Alaska and Arctic portion integrated into UCMP (1998-2000); ~10,000 localities
- Remaining 147 cases contain ~ 100,000 fossils from
 8000 localities
 - Mainly Neogene mollusks
 - Ammonites, inoceramids, *Buchia*
- Plaster casts
- Systematic collections

S at:

2 cm

Photo layout: Dave Smith

Archival Materials

- USGS Menlo Park Mesozoic and Cenozoic locality registers scanned
- E & R reports with fossil identifications and age determinations



REPORT ON REFERRED FOSSILS

P & S Branch, U. S. Geological Survey 345 Middlefield Road, Menlo Park, California

Stratigraphic range: Miocene Kinds of fossils: Mollusks

General locality: California Quadrangle or area: Mindego Hill quad.

Referred by: E. Pampeyan, Engineering Shipment No: EG-63-26M

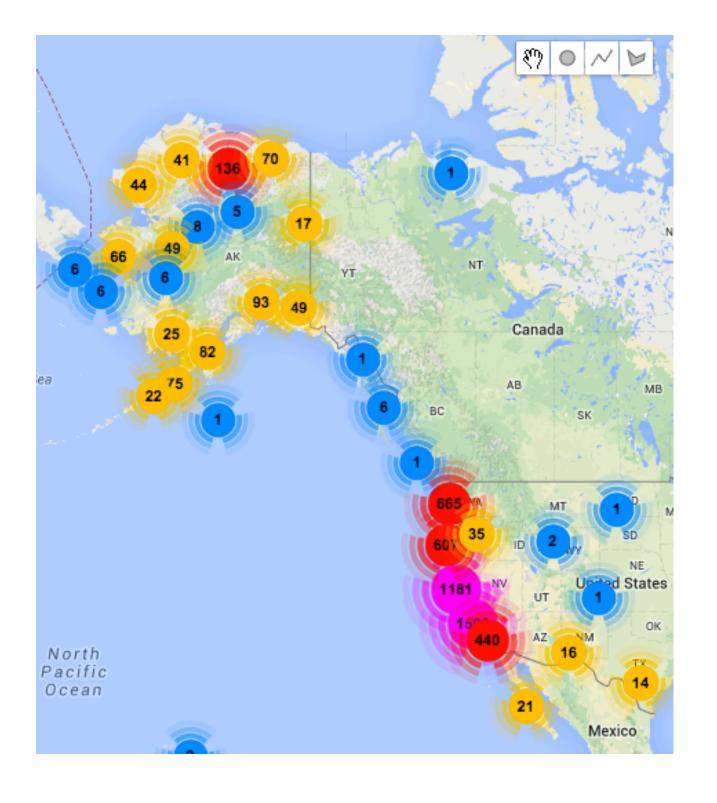
Geology Branch

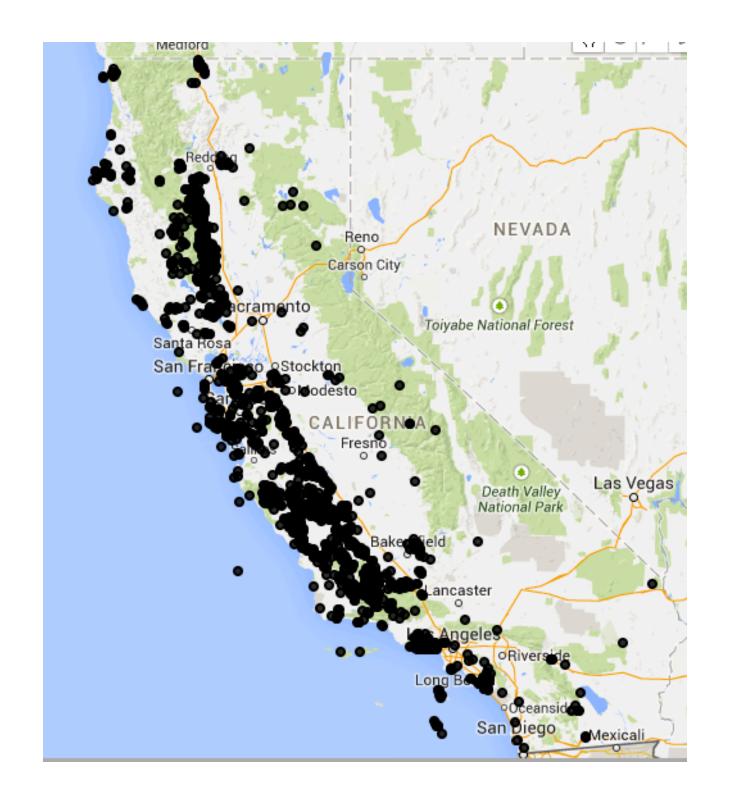
Report prepared by: W. O. Addicott, 9/25/63 Date material received: 9/23/63

Status of work: Complete

Report not to be quoted or paraphrased in publication without a final recheck by the Paleontology and Stratigraphy Branch.

USGS Cenozoic loc. M1832. Mindego Hill quad., Santa Clara County, Calif. Collection from unnamed formation exposed along Paloma Road, about 700 feet S. of N. boundary of quad. Coll. by E. Pampeyan, Sept. 1963.





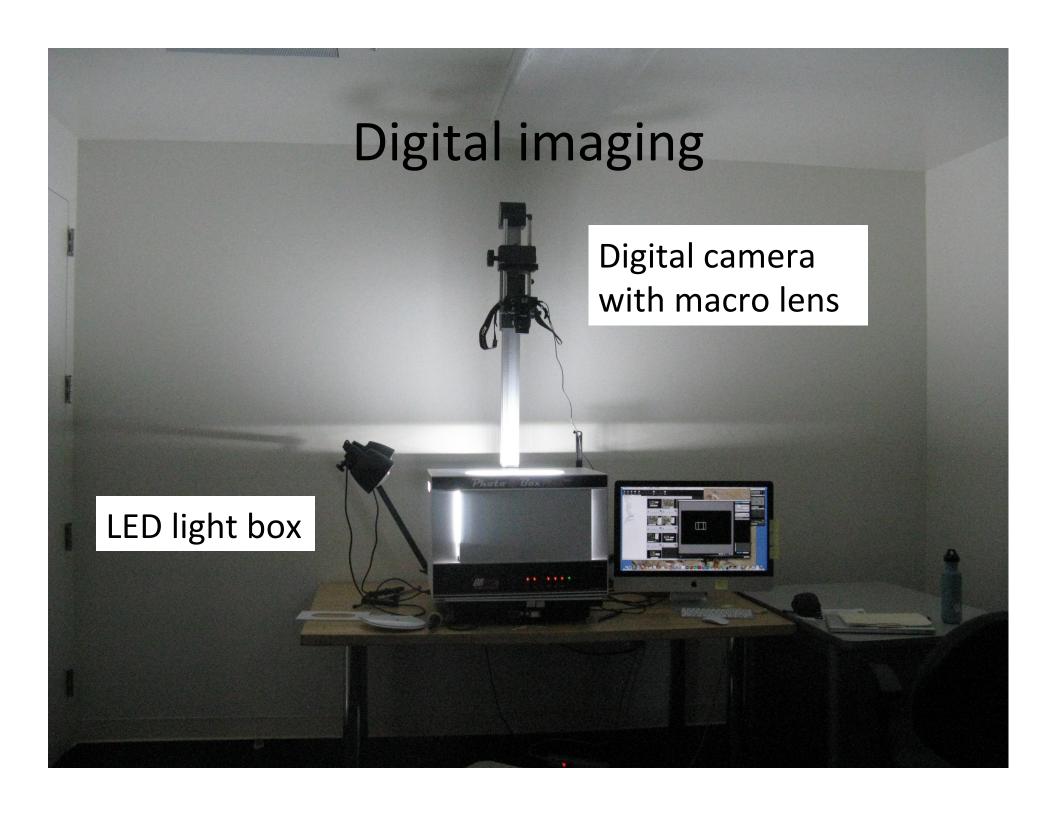


Before Rehousing



After Rehousing





CalPhotos Photo Database

Number of matches: 658



ID: 0000 0000 0914 1063 [detail]
© 2014 USGS Menlo Park Invertebrates



ID: 0000 0000 0714 1226 [detail]
© 2014 University of California Museum of Paleontology



ID: 0000 0000 0714 1235 [detail]
© 2014 University of California Museum of Paleontology



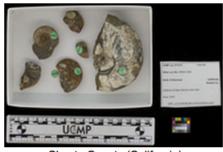
Shasta County (California)
ID: 0000 0000 0714 1236 [detail]
© 2014 University of California Museum
Paleontology



Shasta County (California)
ID: 0000 0000 0714 1237 [detail]
© 2014 University of California Museum of Paleontology



© 2014 University of California Museum of Paleontology



Shasta County (California)
ID: 0000 0000 0714 1239 [detail]
© 2014 University of California Museum of
Paleontology

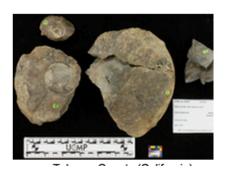


Shasta County (California)
ID: 0000 0000 0714 1240 [detail]
© 2014 University of California Museur
Paleontology









UCMP Database

UC Museum of Paleontology Localities [admin]

Number of matches: 18235

prev 100 next 100

• Download your results (tab-delimited text file with .xls file extension, 18235 lines, file size = 1897.3 K)

Map localities with lat/longs

Click on the Loc ID to see the full locality record

Loc ID	Coll	Locality Name	County	State / Province	Country	Cont	Period	Epoch	Formation	Member	Storage Age	Flora/Fauna
<u>IP1848</u>	I		Orange County	California	United States	North America	Cretaceous					
<u>IP1849</u>	I	Tuscan Springs	Tehama County	California	United States	North America	Cretaceous	Late Cretaceous	Chico			
<u>IP1850</u>	I		Butte County	California	United States	North America	Cretaceous	Early Cretaceous	Chico			
IP1851	I		Merced County	California	United States	North America	Cretaceous	Early Cretaceous?	Chico			
<u>IP1852</u>	I	Orti Pari	Merced Cot L		United	North		<u></u>	Chico			
<u>IP1853</u>	I	Elder Creek	Telama Co						Chico			
<u>IP1854</u>	I		Orange Col	P18	151	oi i		us			Cretaceous	
<u>IP1855</u>	I	Little Cow Creek	Orange Col	FIC	JI	_	-		Chico			
<u>IP1856</u>	I						╡┝═	= }_	San Telmo			
IP1857	I	Ortigalito Park	Merced County	California	United States	North America	Cretaceous		Moreno			

← -



UGMP University of California Museum of Paleontology Locality IP1655



 $\begin{array}{c} \text{1 of } \underline{1} \\ \text{click on image to view enlargement} \end{array}$

Locality Name

Collection Invertebrates

Accession No 5051

Other Nums USGS Mesozoic D11010

Project USGS Menlo Park Invertebrates

Continent/Ocean North America

Country United States
State/Province New Mexico

Island

Island Group

County Grant County

Era **Mesozoic**

Period Cretaceous

Epoch

Absolute Age

Stage

Local Stage

Storage Age

Biozone

Flora/Fauna

CalPhotos Photo Database

(view details)

Using this photo This photo and associated text may not be used except with express written permission from UCMP. To obtain permission for personal, academi uses, or to inquire about high resolution images, prints, fees, or licensing, or if you have other questions, contact UCMP ucmpwebmaster@berkeley.edu.



©2013 University of California Museum of Paleontology

Open for research!

- The USGS Menlo Park collection, combined with UCMP's existing collection, constitutes the largest collection of West Coast marine invertebrates.
- Identified specimens
- Unpublished diversity





U@MP The fossil finder

About the Fossil Finder

About this collection

About the UCMP

Frequently asked questions

<u>+</u> 14

<u>+</u> 0

<u>+</u> 0

<u>+</u> 0



+ 0 **Bivalve**

Gastropod

+ 0 **Ammonite**

Belemnite

+ 0 Sand dollar

Star fish

Sea urchin

Done identifying > next photo

I cannot identify anything in the photo > next photo

FOR MORE INFORMATION ABOUT THE FOSSILS CLICK ON THE IMAGES BELOW



Bivalve

Gastropod



Ammonite



Belemnite



Sand dollar



Star fish



Sea urchin

Acknowledgements



- UC Berkeley graduate students: Jenna Judge, Renske Kirchholtes, Camilla Souto
- UC Berkeley undergraduates: Marianne Brasil, Gina Hwang, Kara James, Joan Li, Dianne Quiroz, Holly Seyler, Michelle Sparnicht, Monica Theibault, Olivia Tullier, Alexis Williams and Anne Zavala
- <u>UCMP Volunteers</u>: Don Pecko, Michael Reyes, Kathy Zoehfeld and Dave Strauss
- UCMP and Berkeley Natural History Museums staff; iDigBio
- Funding provided by NSF-DBI 1203600

