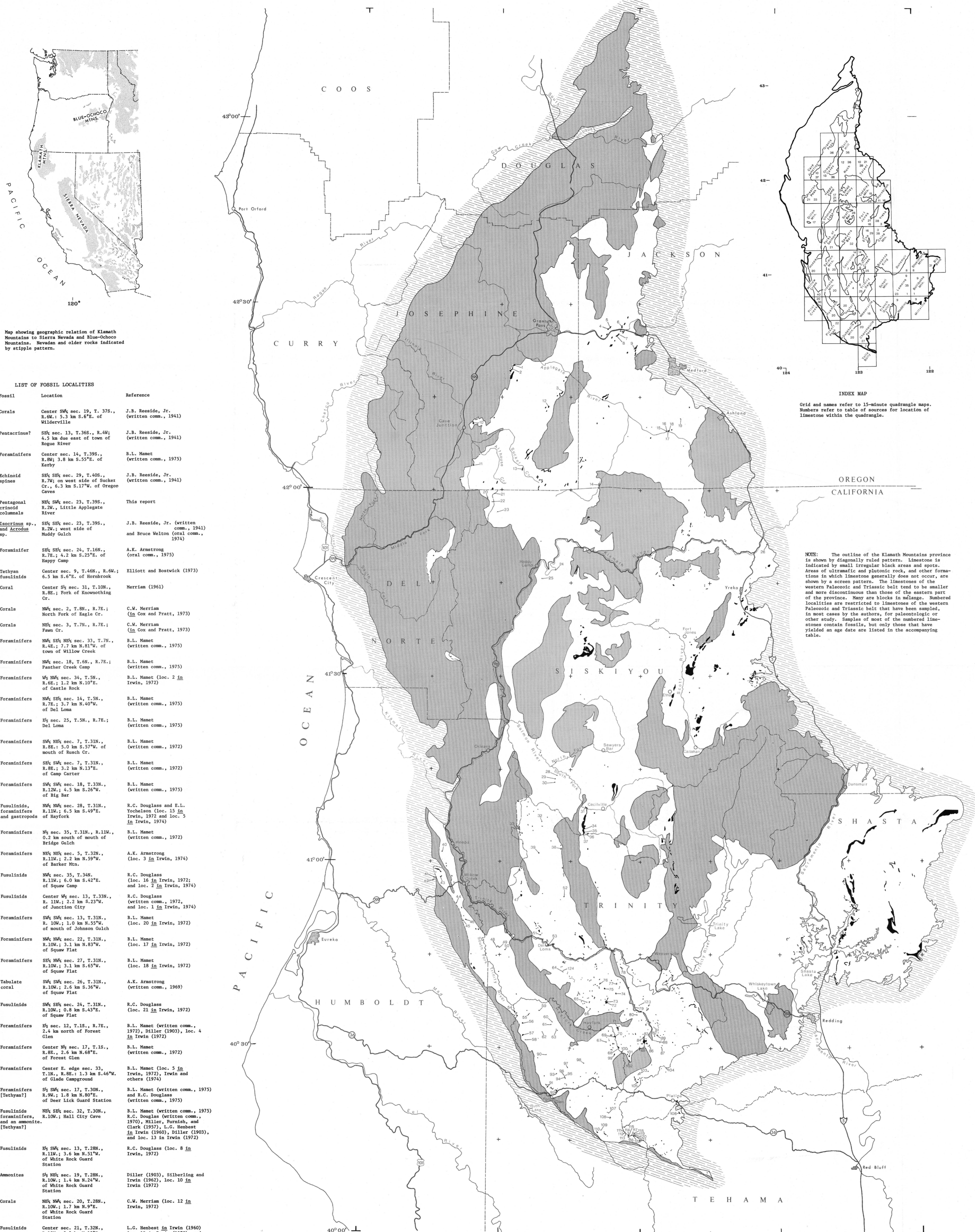


TABLE OF SOURCES FOR LOCATION OF LIMESTONE

- Albers and Robertson, 1961
- Blake, 1965
- Churkin and Langenheim, 1960
- Cox, 1967
- Cox and Pratt, 1973
- Davis, 1961
- Davis, 1968
- Davies and Harbaugh, 1965
- Diller, 1906
- Diller and Kay, 1909
- Elliott and Hostwick, 1973
- Engelhardt, 1966
- Goehaus, 1969
- Holdway, 1963
- Hotz, 1967
- Hotz, P. E., unpub. recon.
- Irwin, 1960
- Irwin, 1963
- Sawyer, C. R., oral comm., 1974
- Snook, 1972
- Stanford Geol. Surv., unpub., 1959
- Watkins, 1973
- Wells and others, 1940
- Wells and others, 1949
- Wells and others, 1959
- Winchell, 1914
- Young, J. C., 1976



Map showing geographic relation of Klamath Mountains to Sierra Nevada and Blue-Obispo Mountains. Nevada and older rocks indicated by stipple pattern.

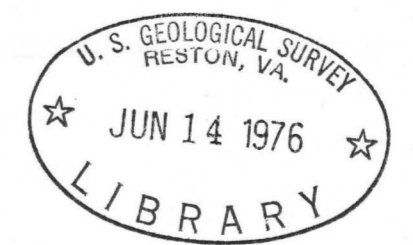
Map No.	Specimen No.	Age	Fossil	Location	Reference
1	WMP-3-39	Late Triassic	Corals	Center SW ¹ sec. 19, T. 37S., R. 8E.; 5.7 km S. 8.7°E. of Wilderville	J.B. Reeside, Jr. (written comm., 1941)
4	WMP-2-39	Mesozoic(?)	Pentacrinus?	SW ¹ sec. 13, T. 36S., R. 6W.; 4.5 km east of town of Rogue River	J.B. Reeside, Jr. (written comm., 1941)
10	I-12-73	Late Paleozoic	Foraminifers	Center sec. 14, T. 39S., R. 8W.; 3.8 km S. 55°E. of Kerby	B.L. Mameet (written comm., 1975)
13	D-7064	Mesozoic	Echinoïd spines	SW ¹ sec. 29, T. 40S., R. 7W. on west side of Sucker Cr.; 6.3 km S. 17°W. of Oregon Cove	J.B. Reeside, Jr. (written comm., 1941)
15	I-41-73	Mesozoic(?)	Pentagonal erinoid columns	SW ¹ sec. 23, T. 39S., R. 2W.; Little Applegate River	This report
18	WMP-4-39	Mesozoic probably Triassic	Isocrinus sp., and Isocrinus sp.	SW ¹ sec. 23, T. 39S., R. 2W. on west side of Muddy Gulch	J.B. Reeside, Jr. (written comm., 1941) and Bruce Walton (oral comm., 1974)
25	I-33-73	Late Paleozoic	Foraminifer	SW ¹ sec. 24, T. 16N., R. 7E.; 4.2 km S. 23°E. of Happy Camp	A.E. Armstrong (oral comm., 1975)
26	---	Late Permian	Tethyan fusulids	Center sec. 9, T. 46N., R. 6W.; 6.5 km S. 6°E. of Hornbrook	Elliott and Hostwick (1973)
30	FW-50-49	Silurian or Devonian	Coral	Center SW ¹ sec. 31, T. 10N., R. 8E.; Fork of Hornbrook Cr.	Merrian (1961)
32	---	Silurian or Devonian	Corals	NW ¹ sec. 2, T. 8N., R. 7E.; North Fork of Eagle Cr.	C.W. Merriam (in Cox and Pratt, 1973)
39	---	Silurian or Devonian	Corals	SW ¹ sec. 3, T. 7N., R. 7E.; Fern Cr.	C.W. Merriam (in Cox and Pratt, 1973)
41	I-19-73	Late Carboniferous to Permian	Foraminifers	NW ¹ sec. 33, T. 7N., R. 4E.; 7.7 km N. 81°W. of town of Willow Creek	B.L. Mameet (written comm., 1975)
47	I-6-73	Carboniferous	Foraminifers	NW ¹ sec. 10, T. 6N., R. 7E.; Feather Creek Camp	B.L. Mameet (written comm., 1975)
49	WC-5	Permian	Foraminifers	SW ¹ sec. 34, T. 5N., R. 6E.; 1.2 km N. 10°E. of Castle Rock	B.L. Mameet (loc. 2 in Irwin, 1972)
51	I-4-73	Late Carboniferous to Permian	Foraminifers	NW ¹ sec. 14, T. 5N., R. 7E.; 3.7 km N. 40°W. of Del Loma	B.L. Mameet (written comm., 1975)
53	I-22-73	Late Carboniferous to Permian	Foraminifers	SW ¹ sec. 25, T. 5N., R. 7E.; Del Loma	B.L. Mameet (written comm., 1975)
60	I-71-5	Permian or early Mesozoic	Foraminifers	SW ¹ sec. 7, T. 31N., R. 8E.; 3.0 km S. 97°W. of mouth of Ranch Cr.	B.L. Mameet (written comm., 1972)
61	I-71-11	Permian or early Mesozoic	Foraminifers	SW ¹ sec. 7, T. 31N., R. 8E.; 3.2 km N. 13°E. of Camp Carter	B.L. Mameet (written comm., 1972)
64	I-69-16	Late Paleozoic	Foraminifers	SW ¹ sec. 18, T. 33N., R. 1W.; 4.5 km S. 26°E. of Big Bar	B.L. Mameet (written comm., 1975)
67	I-70-18	Early Permian	Fusulids, and gastropods	NW ¹ sec. 28, T. 31N., R. 1W.; 1.0 km S. 49°E. of Hayfork	R.C. Douglas and E.L. Yochelson (loc. 15 in Irwin, 1972 and loc. 5 in Irwin, 1974)
68	I-68-10	Permian or early Mesozoic	Foraminifers	SW ¹ sec. 35, T. 31N., R. 11W.; 0.2 km south of mouth of Bridge Gulch	B.L. Mameet (written comm., 1972)
75	I-1-73	Permian or Devonian	Foraminifers	NW ¹ sec. 5, T. 32N., R. 1W.; 2.2 km N. 59°W. of Barker Mts.	A.K. Armstrong (loc. 3 in Irwin, 1974)
77	I-70-32	Early Permian	Fusulids	NW ¹ sec. 35, T. 34N., R. 1W.; 6.0 km S. 42°E. of Squaw Flat	R.C. Douglas (loc. 16 in Irwin, 1972; and loc. 7 in Irwin, 1974)
78	I-1-72	Early Permian	Fusulids	Center SW ¹ sec. 13, T. 33N., R. 1W.; 2.2 km S. 23°W. of Junction City	R.C. Douglas (written comm., 1972; and loc. 1 in Irwin, 1974)
82	T-11	Early Carboniferous to Permian	Foraminifers	SW ¹ sec. 13, T. 31N., R. 1W.; 1.0 km S. 57°W. of mouth of Johnson Gulch	B.L. Mameet (loc. 20 in Irwin, 1972)
83	W-318	Permian	Foraminifers	NW ¹ sec. 22, T. 31N., R. 1W.; 3.1 km N. 83°W. of Squaw Flat	B.L. Mameet (loc. 17 in Irwin, 1972)
85	T-63	Permian	Foraminifers	SW ¹ sec. 27, T. 31N., R. 1W.; 3.1 km S. 65°W. of Squaw Flat	B.L. Mameet (loc. 18 in Irwin, 1972)
86	W-312	Early Paleozoic(?)	Tabulate coral	SW ¹ sec. 26, T. 31N., R. 1W.; 2.6 km S. 35°W. of Squaw Flat	A.E. Armstrong (written comm., 1969)
88	W-324	Early Permian	Fusulids	SW ¹ sec. 24, T. 31N., R. 1W.; 0.8 km S. 43°E. of Squaw Flat	R.C. Douglas (loc. 21 in Irwin, 1972)
91	D-709	Permian or early Mesozoic	Foraminifers	SW ¹ sec. 12, T. 1S., R. 7E.; 2.4 km north of Forest Glen	B.L. Mameet (written comm., 1972); Diller (1903), loc. 4 in Irwin (1972)
92	I-71-13	Permian or early Mesozoic	Foraminifers	Center SW ¹ sec. 17, T. 1S., R. 8E.; 2.6 km N. 68°E. of Forest Glen	B.L. Mameet (written comm., 1972)
94	P-1358	Early Carboniferous to Permian	Foraminifers	Center E. edge sec. 33, T. 1N., R. 8E.; 1.3 km S. 46°W. of Glade Campground	B.L. Mameet (loc. 5 in Irwin, 1972); Irwin and others (1974)
104	I-31-73	Late Permian	[Tetrapyl]	SW ¹ sec. 17, T. 30N., R. 9W.; 1.8 km N. 80°W. of Deer Tick Guard Station	B.L. Mameet (written comm., 1975) and R.C. Douglas (written comm., 1973)
105	D-702	Late Permian	Fusulids, foraminifers, and an ammonite.	NW ¹ sec. 32, T. 30N., R. 1W.; Hall City Cave	B.L. Mameet (written comm., 1975)
111	61-1	Middle Pennsylvanian to Permian	Fusulids	SW ¹ sec. 13, T. 28N., R. 1W.; 3.6 km S. 51°W. of White Rock Guard Station	R.C. Douglas (loc. 8 in Irwin, 1972)
117	D-705	Triassic	Ammonites	SW ¹ sec. 19, T. 28N., R. 1W.; 1.4 km N. 24°W. of White Rock Guard Station	Diller (1903), Silberling and Irwin (1962), loc. 10 in Irwin (1972)
119	I-68-33	Devonian(?)	Corals	NW ¹ sec. 20, T. 28N., R. 1W.; 1.7 km N. 9°E. of White Rock Guard Station	C.W. Merriam (loc. 12 in Irwin, 1972)
123	W-57-28	Pennsylvanian or Early Permian	Fusulids	Center sec. 21, T. 32N., R. 1W.; 2.3 km S. 15°E. of Hayfork Summit	L.G. Hemmet in Irwin (1966) loc. 19 in Irwin (1972) and loc. 4 in Irwin (1974)
124	I-5-74	Pennsylvanian or Early Permian	Foraminifers	Center SW ¹ sec. 16, T. 33N., R. 1W.; 4.4 km S. 52°E. of Monument Peak	R.C. Douglas (written comm., 1975)

INDEX MAP
Grid and names refer to 15-minute quadrangle maps. Numbers refer to table of sources for location of limestone within the quadrangle.

NOTE: The outline of the Klamath Mountains province is shown by diagonally ruled pattern. Limestone is indicated by small irregular black areas and spots. Areas of ultramafic and plutonic rock, and other formations in which limestone generally does not occur, are shown by a screen pattern. The limestones of the western Paleozoic and Triassic belt tend to be smaller and more discontinuous than those of the eastern part of the province. Many are blocks in matrix. Numbered localities are restricted to limestones of the western Paleozoic and Triassic belt that have been sampled. In most cases by the authors, for paleontologic or other study. Samples of most of the numbered limestones contain fossils, but only those that have yielded an age date are listed in the accompanying table.

Base from U.S. Geological Survey Oregon State base, 1:500,000, 1965; and Eureka, Weed, and Redding 1:250,000, 1958

MAP SHOWING LIMESTONE AND SELECTED FOSSIL LOCALITIES
IN THE KLAMATH MOUNTAINS PROVINCE, CALIFORNIA AND OREGON
By
William P. Irwin and S. Peter Galanis Jr.
1976



M(200)
MF 749

California (Klamath Mts) Cop. 1
For sale by U.S. Geological Survey, price \$50
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