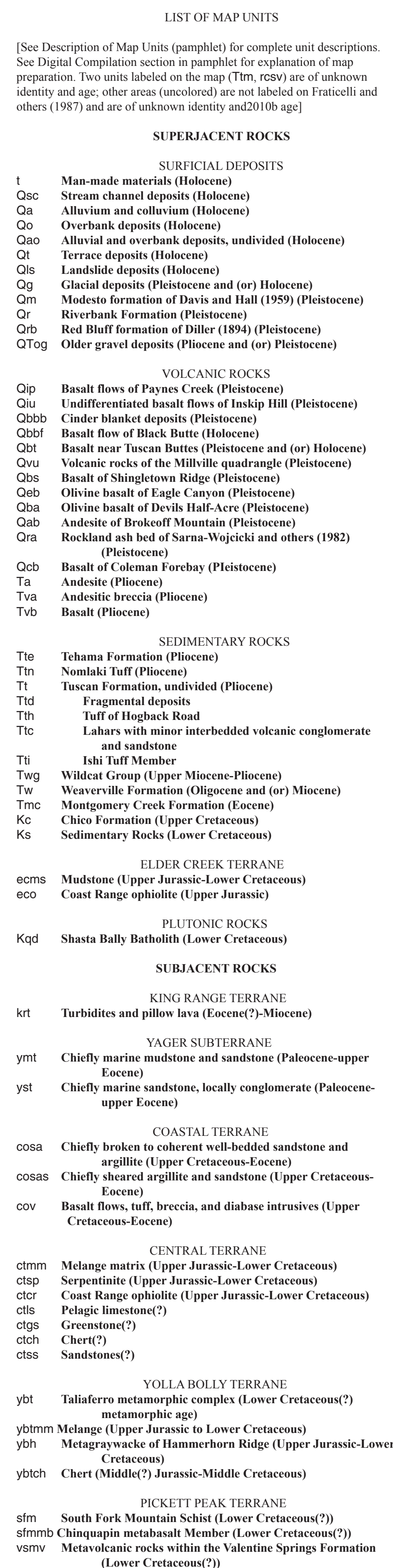




AREA OF MAP

CALIFORNIA

NOTE—This is as true a digital rendition of the geologic map of OFR 87-257 (Fraticelli and others, 1987) as was reasonably possible, but with the units and base displayed in color and addition of the list of map units. The original black-line map is difficult to read and poses numerous labeling and other problems. The southern half of the map area is covered by two more recent geologic maps: 1:50,000-scale McGaughey and others' (2000) and Blake and others' (1999). These, together with five 15-minute quadrangles by Irwin and others (2009; 2010a; 2010b), Irwin (2011), an Albers and others (1964), were consulted to help identify unlabelled polygons and resolve other problems. The many unlabelled polygons that remain (most are small) are uncolored on the map; dashed contacts and faults in the original are shown with dashed lines. Most changes mirror the original unit correlation on the map, but some of the original units have been minimal, except to add some missing units. (See supplement and metadata for more information.)

	RATTLESNAKE CREEK TERRANE
rcv	Volcanic broken formation and melange (Middle(?) Triassic to Middle Jurassic)
rsb	Detrital sedimentary rocks (Triassic or Jurassic)
rsd	Pytonic rocks (Triassic to Jurassic)
rsp	Serpentinite (age uncertain)
rsb	Gabbro (Triassic(?) to Jurassic)
	HAYFORK TERRANE
	Western Hayfork Subterrane
hbc	Chert and argillite (Middle Jurassic)
hbf	Hayfork Bay Meta-andesite (Middle Jurassic)
him	Ironstone Mountain batholith (Middle Jurassic)
hgm	Gabbro (Middle Jurassic?)
hpx	Pyroxenites (Middle Jurassic?)
	Eastern Hayfork Subterrane
hm	Melange (Middle(?) Jurassic)
ha	Amphibolite tectonic blocks (age unknown)
hsp	Serpentinite (age unknown)
hgd	Gneiss/diorite (Middle Jurassic?)
hd	Diorite (Middle Jurassic?)

CENTRAL METAMORPHIC TERRANE

cms	Salmon Hornblende Schist (Devonian)
cma	Abrams Mica Schist (Devonian)
cmsa	Undifferentiated Salmon Hornblende and Abrams Mica Schist (Devonian)

Trinity Terrane
Trinity ultramafic complex (Ordovician(?))
Gabbro (Ordovician(?))

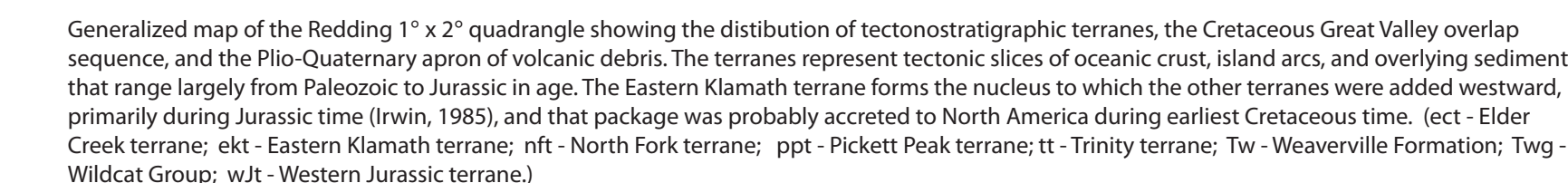
MAP SYMBOLS

 Contact

 Fault; dotted where concealed; teeth on upper plate where thrust

ls Limestone

m Micaceous marble



DIGITAL GEOLOGIC MAP OF THE REDDING 1°x 2° DEGREE QUADRANGLE, SHASTA, TEHAMA, HUMBOLDT, AND TRINITY COUNTIES, CALIFORNIA

By
Luis A. Fraticelli, John P. Albers, William P. Irwin, Milton C. Blake, Jr., and Carl M. Wentworth
2012

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