		Thickness in feet	
		800	Top not exposed. Calcareous limestone, gray, thick to very thick massive beds, appears to be clastic rock, contains crinoid fragments. Largely recrystallized, medium to coarse—grained granular texture. Subordinate interbeds of shale and shaley limestone, buff, gray, very thin to thin beds.
LUNING FORMATION	sed thickness 8		
	, od × od	100	Shate, siltstone and limey shale, yellow, maroon, pink, thinly lamin- ated, sheen of recrystallized micaceous minerals on bedding surface.
	UPPER LIMESTONE MEMBER	920	Calcareous limestone, gray, very thick to massive beds, bioclastic, abundant shell and crinoid fragments. Rare identifiable megafossils. Subordinate interbeds of shale and shaley limestone, maroon, buff, yellow and pink.
	0.00	700	Mudstone and silty argillite, tuffaceous, green-gray, blue-gray, very thick to massive beds, bedding very faint, thin Irregular parting, locally sandy, a few pelecypod fossils. Unit becomes coarser near top with a few beds of chert gravel conglomerate and coarse sandstone, tuffaceous, abundant fossil wood (Araucarioxylon) at top. Contains volcanic ash and lapilli.
	2890')	710	Argillite and siltstone, gray-green to light olive-green, weathers to yellow limonite color on surface, bedding variable, commonly very thickly bedded, parts into Irregular flags, abundant pelecypod fossils. A few beds of tuffaceous sandstone. Thickly bedded, buff calcareous limestone, interbedded with thinly bedded shaley limestone is present near base and top of unit.
	ME MB ER	940	Argilite, dark gray at base grading upwards into gray—green color, very thickly bedded, uneven parting. A few beds of well rounded chert
	O. O		gravel conglomerate and coarse grained sandstone.
	000000000000000000000000000000000000000	240 340	Argillite and mudstone, gray-green, massive beds, thin irregular parting. A few beds of fine-grained sandstone and maroon mudstone. Subordinate beds of gray shale and limey shale. Shale and silty shale, maroon, gray, interbedded with thin bedded shaley limestone. A few thick beds of buff sandy limestone.
	in the state of th	40	Limestone, gray, massive, medium-grained, bioclastic.
	6	580	Limestone, gray and buff, very thick massive beds. Subordinate inter- bedded limey shale and shaley limestone, buff, maroon, gray, thinly laminated and thinly bedded.
7	TONE MEMB	250	Shale and limey shale, light gray to medium gray, thinly laminated, yellow limonitic nodules and stains. Subordinate Interbedded buff
	LOWER LIMESTONE	350	and gray limestone, thin to medium beds. Fossiliferous: Gryphea, Ichthyosaur. Limestone and shaley limestone, gray, buff, thinly bedded, parts into thin irregular plates, fine-grained bloclastic. A few thin laminae of gray shale. A few very thick massive beds of gray limestone. Base cut by thrust fault.
	A. M.		