

SUBDIVISIONS OF UNITS (in the three-fold divisions of von Buch and Cope)	CONTINENTAL STAGE NAMES (Hay, 1922)	ZONES OF OPELIA WITH SOLE ADDITIONS (Hay, 1922)	ENGLISH STAGE NAMES (Buchanan, 1922)	GEOLOGICAL TERMS ("Ages" of Buchanan) (Buchanan, 1925)	CENTRAL OREGON	BRITISH COLUMBIA AND WASHINGTON	ALASKA	CALIFORNIA, NEVADA, AND OREGON	MEXICO AND TEXAS	WESTERN INTERIOR	BIBLIOGRAPHY	
											(1)	(2)
U	W										(1) Buchanan, S. S., <i>Types ammonites</i> ; vol. IV, pt. 4, p. 45, 1925	
P	Zeta	<i>Opelia callisto</i>	SPERDIN								(2) ----- <i>Jurassic Ammonites</i> ; Nat. Res. Canada, Bull., no. 98, pp. 1-27, 1929	
P	Epsilon	<i>Periphrates contigus</i>	PORTLANDIAN								(3) Brachbush, Carlos, <i>La fauna jurasica de Mexico</i> ; Inst. Geol. Mexico, Bol., no. 23, 1906	
E	Delta	<i>Opelia lithographica</i>	BUCONIAN								(4) ----- <i>Faunas jurasiques et cretacees de Mexico</i> ; Inst. Geol. Mexico, Bol., no. 29, 1912	
R	Gamma	<i>Strebliella lamellosa</i>	KIMBERIDGIAN								(5) ----- <i>Fauna jurasica de Symon (Zacatecas)</i> ; y faunas cretaceas de Zampango del Rio; Inst. Geol. Mexico, Bol., no. 39, 1919	
R	Beta	<i>Polyceras transgranarium</i>	KIMBERIDGIAN								(6) ----- <i>Cefalopodos del Jurasico medio de Oaxaca y Guerrero</i> ; Inst. Geol. Mexico, Bol., no. 47, 1927	
A	Alpha	<i>Cardioceras cordatum</i>	COBALTIAN								(7) Castillo, A. del, and Aguilera, J. G., <i>Fauna fossil de Sierra de Catorce, San Luis Potosi</i> ; Mex. Com. Geol. Mexico, no. 1, 1925	
R	Zeta	<i>Compositoceras variac</i>	OXFORDIAN								(8) Cragin, F. W., <i>Paleontology of the Malone Mass. Group</i> ; Geol. Surv. U. S., Geol. Surv. Bull., no. 289, 1905	
R	Gamma	<i>Compositoceras operi</i>	OXFORDIAN								(9) Miller, J. S., U. S. Geol. Survey Geol. Atlas, Redding folio, California, no. 186, 1906	
A	Beta	<i>Reinoceras anceps</i>	absent ?								(10) ----- <i>Strata containing the Jurassic flora of Oregon</i> ; Geol. Soc. America, Bull., vol. 19, pp. 367-402, 1908	
A	Alpha	<i>Macrocephalites macrocephalus</i>	CALLAVIAN								(11) Hyatt, Alpheus, <i>Genesis of the Arctide</i> ; Smithsonian Contrib. to Knowledge, vol. 25, pp. 172-176, 1899	
M	Gamma	<i>Terebratalia laquealis</i>	BUCONIAN (Buchanan)								(12) ----- <i>Jura and Trias at Taylorville, California</i> ; Geol. Soc. America, Bull., vol. 3, pp. 395-412, 1892	
D	Epsilon	<i>Terebratalia digona</i>	Fallonian								(13) ----- <i>Trias and Jura in the western states</i> ; Geol. Soc. America, Bull., vol. 5, pp. 395-434, 1894	
D	Gamma		Fallonian								(14) Howarth, F. H., <i>New Jurassic species from the Hamilton Group of British Columbia, Canada</i> ; Dep. Mines, Bull. 44, pp. 89-99, 1926	
L	Beta	<i>Ammonites parkinsoni</i>	Fallonian								(15) ----- <i>Some Canadian Jurassic faunas</i> ; Trans. Roy. Soc. Canada, vol. 2, sec. IV, pp. 91-79, 1927	
E	Alpha	<i>Ammonites lamphreysianum</i>	Fallonian								(16) ----- <i>Contributions to the stratigraphy and paleontology of Skidegate Inlet, Queen Charlotte Islands, British Columbia, Canada</i> ; Dep. Mines, Bull. 54, pp. 1-27, 1929	
L	Gamma	<i>Ammonites marshalli</i>	Fallonian								(17) Martin, G. C., <i>The Mesozoic stratigraphy of Alaska</i> ; U. S. Geol. Survey, Bull. 776, 1926	
O	Beta	<i>Ammonites foralensis</i>	Fallonian								(18) Reside, J. P., <i>Some American Jurassic ammonites</i> ; U. S. Geol. Survey, Prof. Paper 118, 1919	
W	Alpha	<i>Ammonites juronensis</i>	Fallonian								(19) Smith, G. O., and Calkins, F. C., <i>A geological reconnaissance across the Cascade Range near Ferry, Oregon</i> ; U. S. Geol. Survey, Bull. 239, 1904	
E	Zeta	<i>Posidonoceras bromi</i>	Fallonian								(20) Smith, J. P., <i>Age of the Auriferous slates of the Sierra Nevada</i> ; Geol. Soc. America, Bull., vol. 5, pp. 243-259, 1894	
R	Epsilon	<i>Ammonites variac</i>	Fallonian								(21) ----- <i>The comparative stratigraphy of the marine Trias of western America</i> ; Cal. Acad. Sci., Proc., 3rd ser., vol. 1, p. 364, 1904	
I	Delta	<i>Ammonites argenti</i>	Fallonian								(22) Willis, Bailey, <i>Index to the stratigraphy of North America</i> ; U. S. Geol. Survey, Prof. Paper 71, p. 651, 1912	
J	Gamma	<i>Ammonites subrotundus</i>	Fallonian								(23) Orinoway, C. H., <i>The stratigraphy of Jackson County, Oregon</i> ; U. S. Geol. Survey, Bull. 597, Geol. Sci., vol. 19, no. 2, 1929	
U	Beta	<i>Pentamerus tuberculatus</i>	Fallonian									Inferred range
U	Alpha	<i>Ammonites bucklandi</i>	Fallonian									Broadly or uncertainly dated
A	Alpha	<i>Ammonites lamphreysianum</i>	Fallonian									Dated according to Buchanan's chronology

CORRELATION OF JURASSIC DEPOSITS OF WESTERN NORTH AMERICA AND SOME STANDARD EUROPEAN COLUMNS WHICH ARE ADJUSTED TO THE CHRONOLOGIC SEQUENCE OF BUCKMAN (1925)