	European stages (Arkell, 1946)	English formations (After Arkell, 1933)	Northwest Europe standard zones (Arkell, 1946, 1951)	Characteristic fossils in the Western Interior region	Characteristic fossils in East Greenland, modified after Spath (1932, 1935, 1936)	Characteristic fossils in the Alaska Peninsula and Cook Inlet regions	Alaska: Alaska Peninsula: Wide Bay	Alaska: Alaska Peninsula: Puale Bay	Alaska: Cook Inlet: Seldovia to Port Graham area	Alaska: Cook Inlet: Iniskin Peninsula	Alaska: Cook Inlet: Tuxedni Bay area	Alaska: Cook Inlet: Matanuska Valley and Talkeetna Mountains	United States: Western Interior: West-central and north-central Montana	United States: Western Interior: Southeastern Idaho	United States: Western Interior: Black Hills, western South Dakota and northeastern Wyoming
										Tertiary	Tertiary	Lower Cretaceous	Lower Cretaceous	Lower Cretaceous	Lower Cretaceous
Upper Jurassic	Portlandian	Purbeck beds			*Titanites?*, *Craspedites*, and *Laugeites*		Not identified	Not identified	Not identified	Not identified	Not identified	?	?	?	?
		Portland beds	*Titanites giganteus*												
			Kerberites okusensis												
			Glaucolithites gorei	*Vetulonaia* spp. and *Gyraulus veternus*	*Crendonites* beds							Black gypsiferous beds	Morrison formation		Morrison formation
			Zaraiskites albani		*Epipallasiceras* beds										
	Kimmeridgian	Kimmeridge clay	*Pavlovia pallasiodes*			?									
			Pavlovia rotunda		*Pallasiceras* beds										
			Pectinatites pectinatus		*Pectinatites* beds										
			Subplanites wheatleyensis			*Vetulonaia* sp.									
			Subplanites sp.												
			Gravesia gigas												
			Gravesia gravesiana												
			Aulacostephanus pseudomutabilis												
			Rasenia mutabilis		*Amoebites*: *Hoplocardioceras decipiens*	?	?	?		?	?	?			
			Rasenia cymodoce		*Amoebites*: *Euprionoceras kochi*										
			Pictonia baylei		*Amoebites*: *Rasenia borealis*; *Rasenia orbignyi*	*Amoeboceras* and *Aucella bronni*									
	Oxfordian	Corallian beds	*Ringsteadia pseudocordata*				Naknek formation	Naknek formation		Naknek formation	Naknek formation	Naknek formation	Swift formation	Stump sandstone	Redwater shale member
			Decipia decipiens		*Amoeboceras (Prionodoceras)* and *Ringsteadia*										
			Perisphinctes cautisnigrae												
			Perisphinctes plicatilis		*Cardioceras* aff. *C. zenaidae*										
		Oxford clay	*Cardioceras cordatum*	*Cardioceras* spp.	*Cardioceras* beds	*Cardioceras distans*									
			Quenstedtoceras mariae	*Cardioceras cordiforme*											
			Quenstedtoceras lamberti	*Quenstedtoceras collieri*		*Cardioceras martini*									
			Peltoceras athleta												
			Erymnoceras coronatum			*Pseudocadoceras*	Shelikof formation	Shelikof formation		Chinitna formation	Chinitna formation	Chinitna formation		Preuss sandstone	Lak member
	Callovian		*Kosmoceras jason*			*Kepplerites, Lilloettia, Oxycerites*									
		Kellaways beds	*Sigaloceras calloviense*	*Kepplerites mclearni*; *Kepplerites tychonis*	*Kepplerites tychonis* beds	*Paracadoceras, Kheraiceras, Xenocephalites, Gowericeras*; *Gulielmiceras*								Sandy limestone	Hulett ss. member
			Proplanulites koenigi	*Gowericeras subitum*										Shaly limestone	Stockade Beaver shale member
		Cornbrash beds	*Macrocephalites macrocephalus*	*Arcticoceras*	*Arcticoceras* beds		?	?		?	?	?	Rierdon formation	Oolitic limestone	Canyon Springs sandstone member
Middle Jurassic			*Clydoniceras discus*							Not identified	Not identified	Not identified			
	Bathonian	Great oolite	*Clydoniceras hollandi*	*Arctocephalites*	*Arctocephalites* beds								Marine yellowish siltstone and silty sandstone	Redbeds and yellowish silty limestone	
			Oppelia aspidoides												
			Tulites subcontractus	?	?	?				?	?	?			
			Procerites progracilis		*Cranocephalites* beds	*Cranocephalites*				Bowser member	Bowser member				
		Inferior oolite	*Zigzagiceras zigzag*	?	?										
	Bajocian		*Parkinsonia parkinsoni*	*Stemmatoceras*		*Sphaeroceras*				Tuxedni formation: ? Cynthia Falls sandstone member	Tuxedni formation: ? Cynthia Falls sandstone member	Tuxedni formation	Dark gray shale and limestone	Medium gray shaly limestone	
			Stephanoceras humphriesianum			*Chondroceras*; *Normannites, Teloceras*; *Stemmatoceras*; *Emileia*; *Tmetoceras* (Sonniniidae: *Leptosphinctes*, *Fissocerras*, *Stephanoceras*; *Pseudo-Isoceras*, *Erycites*)				Siltstone member	Siltstone member		Gray sandstone	Dark gray medium-bedded limestone	
			Otoites sauzei	*Chondroceras* and *Stemmatoceras*			Kialagvik formation			Gaikema sandstone member	Sandstone and siltstone				
			Sonninia sowerbyi							Siltstone member	Siltstone reddish-brown weathering			Brecciated redbeds	Gypsum Spring formation
			Ludwigia murchisonae							Present in subsurface	Sandstone and siltstone				
			Lioceras opalinum				?					?			
Lower Jurassic	Toarcian	Upper Lias	*Lytoceras jurense*		*Pseudolioceras*	*Pseudogrammoceras*				Probably present in subsurface and in Marsh Creek area	Probably represented by tuffs, lavas, and agglomerates			Nugget sandstone	
			Hildoceras bifrons		*Dactylioceras*										
			Harpoceras serpentinum												
			Dactylioceras tenuicostatum		Present										
	Pliensbachian	Middle Lias	*Paltopleuroceras spinatum*			*Amaltheus(?), Deroceras* and *Xipheroceras*									
			Amaltheus margaritatus												
		Lower Lias	*Prodactylioceras davoei*												
			Tragophylloceras ibex		*Beaniceras*										
			Uptonia jamesoni		*Uptonia jamesoni*		Not exposed								
	Sinemurian		*Echioceras raricostatum*					Present							
			Ozynoticeras ozynotum												
			Asteroceras obtusum			*Coroniceras and Arnioceras*			Present						
			Arietites turneri		Absent										
			Arnioceras semicostatum												
			Coroniceras bucklandi												
	Hettangian		*Scamnoceras angulatum*			*Wahneroceras(?)*									
			Psiloceras planorbis		Plant beds										
								Upper Triassic	Upper Triassic	Upper Triassic			Pennsylvanian to Mississippian	Triassic	Triassic

Ellis group: Sawtooth formation; Twin Creek limestone; Sundance formation

Designation of the Kialagvik formation on the Alaska Peninsula as Middle Jurassic, instead of Lower Jurassic as previously published, and extension downward of the Tuxedni formation on Cook Inlet to include the Gaikema sandstone member and all underlying strata of Middle Jurassic age, instead of assigning them to the Kialagvik formation as previously published, is based on hitherto unpublished field work done by the author and Don J. Miller, also of the U.S. Geological Survey, in 1948

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CORRELATION OF THE JURASSIC FORMATIONS OF THE ALASKA PENINSULA AND COOK INLET REGIONS