

Nest substrate reflects incubation style in extant archosaurs with implications for dinosaur nesting habits

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Supplementary Table S1. Mean nest temperature (T_{nest} , °C), mean ambient air temperature (T_{air} , °C), and the difference between T_{nest} and T_{air} (°C) of living covered nesters.

Note that * indicates mean values were calculated in this study using the data provided by the papers.

Incubation heat source	Taxon	T_{nest}	T_{air}	Difference	References
Microbial respiration	<i>Aepyodius arfakianus</i>	31.100	21.800	9.300	Sinclair (2001)
	<i>Aepyodius</i> sp.	37.800	15.600	22.200	Frith (1956)
	<i>Alectura lathamii</i>	33.300	15.100	18.200	Jones (1988)
		32.950	17.800	15.150	Seymour and Bradford (1992)
	<i>Leipoa ocellata</i>	32.626*	27.185*	5.441	Lewis (1940)
	<i>Megapodius decollatus</i>	31.100	22.100	9.000	Sinclair (2001)
	<i>Megapodius freycinet</i>	34.400	26.750	7.650	Lincoln (1974)
		33.500*	26.750*	6.750	Stuebing and Johan (1986)
	<i>Megapodius laperouse</i>	31.300	28.500	2.800	Wiles and Conry (2001)
	<i>Megapodius nicobariensis</i>	32.440	28.170	4.270	Sivakumar and Sankaran (2003)
	<i>Talegalla jobiensis</i>	30.600	21.800	8.800	Sinclair (2001)

Incubation heat source	Taxon	T _{nest}	T _{air}	Difference	References
	<i>Alligator mississippiensis</i>	34.034	28.020	6.014	McIlhenny (1934)
		28.200	30.700	-2.500	Joanen (1969)
		29.833	28.267	1.566	Chabreck (1973)
	<i>Caiman c. crocodilus</i>	29.900*	29.571*	0.329	Staton and Dixon (1977)
	<i>Crocodylus cataphractus</i>	30.700*	25.500*	5.200	Waitkuwait (1985)
	<i>Melanosuchus niger</i>	31.200	27.900	3.300	Villamarln-Jurado and Suarez (2007)
	Geothermal heat	<i>Macrocephalon maleo</i>	35.000*	28.250*	6.750
	<i>Megapodius eremita</i>	33.000	32.000	1.000	Roper (1983)
	<i>Megapodius pritchardii</i>	32.500*	27.000*	5.500	Goth and Vogel (1996–1997)
Solar radiation	<i>Eulipoa wallacei</i> (dry season values)	32.600	27.442*	5.158	Heij et al. (1997)
	<i>Eulipoa wallacei</i> (rainy season values)	32.500	26.285*	6.215	Heij et al. (1997)
	<i>Macrocephalon maleo</i>	36.000	31.000	5.000	MacKinnon (1978)
	<i>Megapodius laperouse</i>	33.500*	30.2500*	3.250	Glass et al. (1988)
	<i>Crocodylus acutus</i>	31.670	30.689	0.981	Charruau (2012)
	<i>Crocodylus niloticus</i>	32.725*	31.213*	1.512	Modha (1967)

Supplementary Table S2. Nest type, nest material, and heat source of incubation in living covered nesters.

Abbreviations: C, clay; H, in-filled hole nest; I, inorganic heat source; M, mound nest; O, organic heat source (with possibly some inorganic heat); PS, plant material and/or soil; Sa, sand.

Order	Species	Nest type	Nest material	Heat source	References
Galliformes	<i>Aepyodius arfakianus</i>	M	PS	O	Sinclair (2001)
	<i>Aepyodius bruijni</i>	M	PS	O	Mauro (2005)
	<i>Alectura lathami</i>	M	PS	O	Le Souef (1899); Frith (1956)
	<i>Eulipoa wallacei</i>	H	Sa	I	Ripley (1960); Rand and Gilliard (1967); Dekker et al. (1995); Heij et al. (1997); Baker (1999); Baker and Dekker (2000)
	<i>Leipoa ocellata</i>	M	Sa	O	Le Souef (1899); Frith (1956; 1959)
	<i>Macrocephalon maleo</i>	H	Sa	I	MacKinnon (1978); Dekker (1988); Argeloo and Dekker (1996)
		H	PS	I	Dekker (1988)
	<i>Megapodius bernsteinii</i>	M	PS	I	Indrawan et al. (1998)
		M	Sa	I	Indrawan et al. (1998)
	<i>Megapodius cumingii</i>	M	Sa	O	Jones et al. (1995)
	<i>Megapodius decollatus</i>	M	PS	O	Sinclair (2001)
	<i>Megapodius eremita</i>	H	Sa	I	Roper (1983)
	<i>Megapodius forstenii</i>	M	PS		Jones et al. (1995)
		M	Sa		Jones et al. (1995)

Order	Species	Nest type	Nest material	Heat source	References
		M	PS		Stresemann (1914)
	<i>Megapodius freycinet</i>	H	Sa	O	MacKinnon (1978)
		M	Sa	I	Lincoln (1974)
		M	PS		Ripley (1960)
		M	PS	O	Lincoln (1974)
	<i>Megapodius laperous</i> <i>laperous</i>	H	Sa		Falanruw (1975)
	<i>Megapodius l. senex</i>	H	PS	I	Glass et al. (1988)
		M	PS		Stinson and Glass (1992)
		M	Sa	O	Wiles and Conry (2001)
	<i>Megapodius layardi</i>	H	PS	O	Bowen (1996)
		H	PS	I	Bregulla (1992)
	<i>Megapodius nicobariensis</i>	M	Sa	O	Sankaran (1995); Sivakumar and Sankaran (2003)
	<i>Megapodius pritchardii</i>	H	Sa	I	Friedlander (1899)
		H	PS	I	Kellers (1931); Weir (1973)
	<i>Megapodius reinwardt</i>	M	PS	O	Le Souef (1899); Crome and Brown (1979)
		M	Sa	O	Crome and Brown (1979)
	<i>Talegalla cuvieri</i>	M	PS		Gilliard and LeCroy (1970)
	<i>Talegalla fuscirostris</i>	M	PS		Jones et al. (1995)

Order	Species	Nest type	Nest material	Heat source	References
	<i>Talegalla jobiensis</i>	M	PS	O	Sinclair (2001)
Crocodylia	<i>Alligator mississippiensis</i>	M	PS	O	Joanen (1969); Chabreck (1975); Metzen (1977); Goodwin and Marion (1978)
	<i>Alligator sinensis</i>	M	PS	O	Thorbjarnarson et al. (2001)
	<i>Caiman crocodilus</i>	M	PS	O	Ouboter and Nanhoe (1987); Allsteadt (1994)
		M	PS	O	Staton and Dixon (1977)
	<i>Caiman latirostris</i>	M	PS		Montini et al. (2006)
	<i>Caiman yacare</i>	M	PS		Crawshaw and Schaller (1980); Cintra (1988)
	<i>Crocodylus acutus</i>	H	Sa	I	Platt and Thorbjarnarson (2000); Charruau (2012)
		M	PS		Ogden (1978); Mazzotti (1989)
		M	Sa		Ogden (1978); Lutz and Dunbar-Vooper (1984); Kushlan and Mazzotti (1989); Mazzotti (1989)
	<i>Crocodylus cataphractus</i>	M	PS	O	Waitkuwait (1985)
	<i>Crocodylus intermedius</i>	H	Sa		Medem (1981); Bolhm (1982); Thorbjarnarson and Hernandez (1993); Seijas (1998); Espinosa-Blanco et al. (2013)
		M	PS		Medem (1981)
	<i>Crocodylus johnstoni</i>	H	Sa	I	Webb et al. (1983a); Somaweera and Shine (2013)
<i>Crocodylus mindorensis</i>	M	PS		van Weerd et al. (2006); van Weerd (2010)	

Order	Species	Nest type	Nest material	Heat source	References
	<i>Crocodylus moreletii</i>	M	PS	O	Platt et al. (2008); Lopez-Luna et al. (2015)
	<i>Crocodylus niloticus</i>	H	C		Pooley (1969)
		H	Sa	I	Cott (1961); Modha (1967); Pooley (1969); Kofron (1989); Swanepoel et al. (2000)
	<i>Crocodylus novaeguineae</i>	M	PS	O	Neil (1946); Hall and Johnson (1987)
	<i>Crocodylus palustris</i>	H	C		Whitaker and Whitaker (1976)
		H	Sa		Whitaker and Whitaker (1976); Rao and Gurjwar (2013)
	<i>Crocodylus porosus</i>	H	PS		Whitaker and Whitaker (1976)
		M	PS	O	Webb et al. (1977; 1983b)
	<i>Crocodylus siamensis</i>	M	PS		Bezuijen et al. (2013)
	<i>Gavialis gangeticus</i>	H	Sa		Bustard (1980); Rao (1988); Nair and Katdare (2013); Rao et al. (2013); Rao and Gurjwar (2013)
	<i>Melanosuchus niger</i>	M	PS	O	Herron et al. (1990); Villamarln-Jurado and Suarez (2007)
	<i>Osteolaemus tetraspis</i>	M	PS		Riley and Huchzermeyer (1999)
	<i>Paleosuchus palpebrosus</i>	M	PS		Medem (1958; 1971)
	<i>Paleosuchus trigonatus</i>	M	PS	O	Magnusson et al. (1985); Rivas et al. (2001)
	<i>Tomistoma schlegelii</i>	M	PS		Staniewicz (2011)

Supplementary Table S3. Lithology of in-situ dinosaur eggs (clutches and nesting grounds).

*Indicates pedogenic feature(s) is identified. Abbreviation: NA, not available; TMP, Royal Tyrrell Museum of Palaeontology, Drumheller, Canada.

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Cairanoolithidae					
<i>Cairanoolithus dughii</i>	Clutch(es)	Fine	NA	Commune de Rousset, near Cairanne, Aix-en- Provence, France	Williams et al. (1984)
<i>Cairanoolithus</i> cf. <i>roussetensis</i>	Clutch(es)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
Dendroolithidae (/Phaceloolithidae)					
<i>D. cf. dendriticus</i>	Clutch(es)	Fine	Chichengshan	Shuangtang Tiantai Basin, Zhejiang, China	Fang et al. (1998; 2000)
<i>D. fengguangcunensis</i>	Clutch(es)	Coarse	Dongyuan	Heyuan Basin, Guangdong, China	Fang et al. (2005)
<i>D. sp.</i>	Clutch(es)	Coarse	Nemegt	Khaichin Ula, Gobi, Mongolia	Suzuki and Watabe (2000b)
<i>Phaceloolithus</i> <i>hunanensis</i>	Clutch(es)	Fine	Fenshuiiao	Western Dongting Basin, Hunan, China	Zeng and Zhang (1979)
Dendroolithidae indet.	Clutch(es)	Coarse	?Djadokhta	Toosgot area, Abdrant Nuru, Gobi, Mongolia	Watabe (2004)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Dendroolithidae indet.	Clutch(es)	Coarse	Shiwa	Shiwa Bay, Whaseong, Gyeonggi, South Korea	Lee (2003)
Dendroolithidae indet.	Clutch(es) (Location 8-1G)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Dendroolithidae indet.	Clutch(es) (Locations 8-2 and 8-3)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Dendroolithidae indet.	Clutch(es)	Fine	Baynshire	Bayn Shire, Gobi, Mongolia	Watabe et al. (2010)
<i>Torvosaurus</i>	Clutch(es) with embryonic bones	Fine	Lourinha	Walen, Porto das Barcas, Portugal	Araujo et al. (2013)
Dictyoolithidae					
<i>Dictyoolithus gongzhulingensis</i>	Clutch(es)	Fine	Quantou	Gongzhuling area, Jilin, China	Wang et al. (2006)
<i>D. hongpoensis</i>	Clutch(es)	Coarse	Chichengshan	Lishui Basin, Zhejiang, China	Jin et al. (2010)
<i>Protodictyoolithus neixiangensis</i>	Clutch(es)	Fine	Goseong	Yeondo, Dosanmyeon, Tongyeong City, Gyeongsang, South Korea	Kim et al. (2011)
<i>P. neixiangensis</i>	Clutch(es)	Fine	Goseong	Southwest coast	Kim et al. (2011)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Pyeongri, Dosanmyeon, Tongyeong City, Gyeongsang, South Korea	
Elongatoolithidae					
<i>Ellipsoolithus khedaensis</i>	Clutch(es)	Coarse*	Lameta	Lavariya Muwada, Kheda, Gujarat, India	Mohabey (1998)
<i>Elongatoolithus andrewsi</i>	Clutch(es)	Fine	Yuanpu and Pingling	Tangmienling, Shuikou, Nanxiong Basin, Guangdong, China	Young (1965); Zhao (1975)
<i>E. elongatus</i>	Clutch(es)	Fine	Yuanpu and Pingling	Nanxiong Basin, Guangdong, China	Young (1965); Zhao (1975)
<i>E. elongatus</i>	Clutch(es)	Coarse	NA	Baiyuan, Pingxiang, Jiangxi, China	Wu and Peng (2003)
<i>E. magnus</i>	Clutch(es)	Fine	Fenshuiao	Western Dongting Basin, Hunan, China	Zeng and Zhang (1979)
<i>Macroelongatoolithus carlylei</i>	A pair of eggs	Fine	Wayan	Bonneville County, Idaho, USA	Krumenacker et al. (2016)
<i>M. goseongensis</i>	Clutch(es)	Fine	Goseong	Ddabakseom, Pyeongri, Dosanmyeon, Tongyeong City,	Kim et al. (2011)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Gyeongsang, South Korea	
<i>M. xixiaensis</i>	Clutch(es)	Fine	Gaogou	Xixia Basin, Henan, China	Wang and Zhou (1995)
<i>M. xixiaensis</i>	Clutch(es)	Fine	NA	Zhouzhi Hill, Zhaoying Village, Yangcheng Town, Xixia Basin, Henan, China	Li et al. (1995)
<i>M. xixiaensis</i>	Clutch(es)	Fine	Chichengshan	Shuangtang, Tiantai Basin, Zhejiang, China	Wang et al. (2010)
<i>M. xixiaensis</i>	Clutch(es)	Fine	Gyeongsang Basin	Located on the island of Aphae-do in Shinan- gun, Jeollanam-do, southwestern Korea	Huh et al. (2014)
<i>Macroolithus rugustus</i>	Clutch(es)	Fine	Yuanpu and Pingling	Lashuyuan, Wuching, Nanxiong Basin, Guangdong, China	Young (1965); Zhao (1975)
<i>M. rugustus?</i>	Clutch(es)	Coarse*	Nemegt	Khaychin-Ula, Gobi, Mongolia	Sochava (1969); Mikhailov (1994b)
<i>M. yaotunensis</i>	Clutch(es)	Fine	Yuanpu and Pingling	Yaotun, Nanxiong Basin, Guangdong,	Young (1965); Zhao (1975)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				China	
<i>M. yaotunensis</i>	Clutch(es)	Fine	Yuanpu and Pingling	Yaotun, Nanxiong Basin, Guangdong, China	Young (1965); Zhao (1975)
<i>Nanhsiungoolithus chuetienensis</i>	Clutch(es)	Fine	Yuanpu and Pingling	Nanxiong, Nanxiong Basin, Guangdong, China	Young (1965); Zhao (1975)
<i>Trachoolithus</i> sp.	Clutch(es)	Coarse*	Lameta	Lavariay Muwada, Gujarat, India	Mohabey (2000; 2001)
Elongatoolithidae indet.	Clutch(es)	Coarse	Shiwa	Shiwa Bay, Whaseong, Gyeonggi, South Korea	Lee (2003)
Elongatoolithidae indet.	Clutch(es)	Coarse	Djadokhta	Bayn Dzak, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Clutch(es)	Coarse	Baynshire	Bayn Shire, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Clutch(es)	Coarse	NA	Tel Ulan Chaltsai (Mogoin Daatsyn Khuduk), Mongolia	Watabe et al. (2010)
<i>E. frustrabilis</i>	Clutch(es)	Coarse	Djadokhta	Shabarakh Usu MNG, Mongolia	Brown and Schlaikjer (1940); van Straelen (1925)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>E. frustrabilis?</i>	Clutch(es) with embryonic bones	Coarse	Djadokhta	Xanadu, Ukhaa Tolgod, south-central Mongolia	Norell et al. (1994; 2001)
<i>Citipati osmolskae</i>	Clutch(es) with adult skeleton	Coarse	Djadokhta	Ankylosaur Flats, Ukhaa Tolgod, Mongolia	Clark et al. (1999); Grellet-Tinner et al. (2006)
<i>Nemegtomaia barsboldi</i>	Clutch(es) with adult skeleton	Coarse	Baruungoyot	Northern Sayr of the Nemegt locality, Mongolia	Fanti et al. (2012)
<i>Oviraptor philoceratops</i> (cf. <i>Machairasaurus</i>)	Clutch(es) with adult skeleton	Coarse	Djadokhta	North Canyon, Bayan Mandahu, Inner Mongolia, China	Dong and Currie (1996)
Elongatoolithidae indet.	Clutch(es) with embryonic bones	Fine	Nemegt	Bugin-Tsav, Gobi, Mongolia	Weishampel et al. (2008)
Faveoololithidae					
<i>Faveoololithus ningxiaensis</i>	Clutch(es)	Coarse	NA	Bayinwulashan cahanaobao, Alxa Left Banner (Inner Mongolia), Ningxia, China	Zhao and Ding (1976); Zhang (2010)
<i>F. ningxiaensis</i>	Clutch(es)	Coarse	Baruungoyot	Ologoy-Ulan-Tsav, Gobi, Mongolia	Sochava (1969); Mikhailov (1994a)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>F. sp.</i>	Clutch(es)	Fine*	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)
<i>Parafaveoololithus macroporus</i>	Clutch(es)	Fine	Laijia	Laijia Village, Tiantai, Zhejiang, China	Zhang (2010)
Faveoololithidae indet.	Clutch(es)	Coarse	Shiwa	Shiwa Bay, Whaseong, Gyeonggi, South Korea	Lee (2003)
Faveoololithidae indet.	Clutch(es) (Locations 1-1 I5, 1-2, and 1-4)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 3-1 Islets between)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Locations 3-2 HH and JH, 3-3, and 3- 4)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 3-5)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 3-6)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Faveoololithidae indet.	Clutch(es) (Locations 4-1 JH, 4-2, 4-2, 4-3, and 4-4)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 4-5)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 5-2)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 5-3)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 5-4)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Locations 6-1 H and 6-2)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Locations 6-3 and 6-4)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es) (Location 6-5)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	(Location 6-6)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 6-7)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 6-8)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 6-9)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 9-1 D)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 9-2)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 9-3)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Sihwa	Hanyom, Sihwa Basin,	Kim et al. (2009)
	(Location 9-4)			South Korea	
Faveoololithidae indet.	Clutch(es)	Coarse	Haman	Coast of Sinsudo Island, Samcheonpo, South Korea	Paik et al. (2012)
Faveoololithidae indet.	Colonial nesting ground (one of 5 horisons)	Coarse	Los Llanos	Sanagasta, La Rioja, Argentina	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Faveoololithidae indet.	Colonial nesting ground (one of 5 horizons)	Coarse*	Los Llanos	Sanagasta, La Rioja, Argentina	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)
Faveoololithidae indet.	Colonial nesting ground (one of 5 horizons)	Coarse*	Los Llanos	Sanagasta, La Rioja, Argentina	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)
Faveoololithidae indet.	Colonial nesting ground (one of 5 horizons)	Coarse*	Los Llanos	Sanagasta, La Rioja, Argentina	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)
Faveoololithidae indet.	Colonial nesting ground (one of 5 horizons)	Coarse*	Los Llanos	Sanagasta, La Rioja, Argentina	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)
Faveoololithidae indet.	Clutch(es) (Egg bed 3 of Salitral Ojo de Agua)	Coarse*	Allen	Arriagada I, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Clutch(es) (Egg bed 2 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse*	Allen	Santos I, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Clutch(es) (Egg bed 3 of Salitral de	Coarse*	Allen	Santos II and Berthe IV, Salitral de Santa Rosa-	Salgado et al. (2007)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	Santa Rosa-Salinas de Trapalco)			Salinas de Trapalco, Rio Negro, Argentina	
Faveoololithidae indet.	Clutch(es)	Coarse	NA	Algui Ulan Tsav, Gobi, Mongolia	Watabe et al. (2010)
Megaloolithidae					
<i>Megaloolithus balasinorensis (/baghensis)</i>	Clutch(es)	Coarse*	Lameta	Balasinor Quarry, Jetholi and Dhuvadiya, Kheda, Gujarat, India	Mohabey (1998)
<i>M. dhoridungriensis</i>	Clutch(es) with juvenile bones	Coarse*	Lameta	Dhoridungri, Gujarat, India	Mohabey (1998)
<i>M. dhoridungriensis</i>	Clutch(es) with hatchling bones	Coarse*	Lameta	Near Dhoridungri, Gujarat, India	Wilson et al. (2010)
<i>M. khempurensis(/walpurens is?)</i>	Clutch(es)	Coarse*	Lameta	Khempur and Werasa, Kheda, Gujarat, India	Mohabey (1998)
<i>M. mammilare</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine	NA	Commune de Rousset, near Cairanne, Aix-en- Provence, France	Williams et al. (1984)
<i>M. mammilare</i>	Clutch(es) (one of multiple	Fine	NA	Commune de Chateauneuf Le Rouge,	Williams et al. (1984)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	stratigraphic levels)			Aix-en-Provence, France	
<i>M. matleyi</i> (<i>jabalpurensis</i>)	Clutch(es) (Site B)	Coarse*	Lameta	Pavna, Chandrapur, Maharashtra, India	Mohabey (1996; 1998)
<i>M. matleyi</i> (<i>jabalpurensis</i>)	Nesting ground (Site A)	Coarse*	Lameta	Pavna, Chandrapur, Maharashtra, India	Mohabey (1996)
<i>M. megadermus</i>	Clutch(es)	Coarse*	Lameta	Dholidhanti and Paori, Dohad, Panchmahals, India	Mohabey (1998)
<i>M. microtuberculata</i>	Clutch(es)	Fine	NA	La Cairanne, Aix-en-Provence, France	Garcia and Vianey-Liaud (2001); Vianey-Liaud et al. (2003)
<i>M. patagonicus</i> (Titanosauridae)	Colonial nesting ground (Egg bed 3) with embryonic bones	Fine*	Anacleto	Auca Mahuevo, Neuquen, Patagonia, Argentina	Chiappe et al. (1998; 2001); Grellet-Tinner et al. (2004); Jackson et al. (2013)
<i>M. patagonicus</i> (Titanosauridae)	Colonial nesting ground (Egg bed 4)	Fine*	Anacleto	Auca Mahuevo, Neuquen, Patagonia, Argentina	Chiappe et al. (2001; 2004)
<i>M. patagonicus</i> (Titanosauridae)	Colonial nesting ground (Egg bed	Fine	Anacleto	Auca Mahuevo, Neuquen, Patagonia,	Chiappe et al. (2001; 2004)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	2)			Argentina	
<i>M. patagonicus</i> (Titanosauridae)	Colonial nesting ground (Egg bed	Fine	Anacleto	Auca Mahuevo, Neuquen, Patagonia, Argentina	Chiappe et al. (2001; 2004)
<i>M. patagonicus</i> (Titanosauridae)	1) Clutch(es)	Fine	Rio Colorado	Gran Neuquen neighbourhood, Neuquen, Patagonia, Argentina	Calvo et al. (1997)
<i>M. phensaniensis</i> (<i>mohabeyi</i>)	Clutch(es)	Coarse*	Lameta	Phensani, Balasinor, Sonipur and Waniawao, Kheda, Gujarat, India	Mohabey (1998)
<i>M. rahioliensis</i> (<i>cylindricus</i>)	Clutch(es)	Coarse*	Lameta	Rahioli, Kheda, Gujarat, India	Mohabey (1998)
<i>M. siruguei</i>	Clutch(es) (Egg horizon 1)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)
<i>M. siruguei</i>	Clutch(es) (Egg horizon 3)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)
<i>M. siruguei</i>	Clutch(es) (Egg horizon 5)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)
<i>M. siruguei</i>	Clutch(es) (Egg horizon 6)	Coarse*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. siruguei</i>	Clutch(es) (Egg horizon 7)	Coarse*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)
<i>M. siruguei</i>	Clutch(es) (Egg horizon 8)	Coarse*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Jackson (2007); Vila et al. (2010a)
<i>M. siruguei</i>	Clutch(es)	Fine*	Tremp	Font del Bullidor, Vallcebre Syncline, Spain	Vila et al. (2010b)
<i>M. siruguei</i>	Clutch(es)	Fine	NA	Commune de Fox-Amphoux, near Metisson, Aix-en-Provence, France	Williams et al. (1984)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	stratigraphic levels)				
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Coarse	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	levels)				
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
	levels)				
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
	levels)				
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic	Fine*	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
	levels)				
<i>M. siruguei</i>	Clutch(es) (one of multiple stratigraphic	Coarse	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
	levels)				
<i>M. siruguei</i>	Clutch(es)	Fine	Tremp	Biscarri, Isona, Lleida, Spain	Lopez-Martinez et al. (2000)
<i>M. siruguei</i>	Clutch(es) (C1 nesting horizon)	Fine*	Densus-Ciula	Tustea, Hateg Basin, Romania	Grigorescu et al. (1994, 2010); Grigorescu

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
					(2016); Botfalvai et al. (2017)
<i>M. siruguei</i>	Clutch(es) (C2 nesting horizon)	Fine*	Densus-Ciula	Tustea, Hateg Basin, Romania	Grigorescu et al. (1994, 2010); Grigorescu (2016); Botfalvai et al. (2017)
<i>M. cf. siruguei</i>	Clutch(es) (Horizon E)	Fine*	Sanpetru	Totesti-baraj, Hateg Basin, Romania	Codrea et al. (2002); Grigorescu et al. (1994; 2010); Grellet-Tinner et al. (2012)
<i>M. cf. siruguei</i>	Clutch(es) (Horizon A)	Fine*	Sanpetru	Totesti-baraj, Hateg Basin, Romania	Codrea et al. (2002); Grigorescu et al. (1994; 2010); Grellet-Tinner et al. (2012)
<i>M. cf. siruguei</i>	Clutch(es) (Horizon K)	Fine*	Sanpetru	Totesti-baraj, Hateg Basin, Romania	Codrea et al. (2002); Grigorescu et al. (1994; 2010); Grellet-Tinner et al. (2012)
<i>M. cf. siruguei</i>	Clutch(es) (Horizon B)	Fine*	Sanpetru	Totesti-baraj, Hateg Basin, Romania	Codrea et al. (2002); Grigorescu et al. (1994; 2010); Grellet-Tinner et

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
					al. (2012)
<i>M. cf. siruguei</i>	Clutch(es) (Horizons G and H)	Fine*	Sanpetru	Totesti-baraj, Hateg Basin, Romania	Codrea et al. (2002); Grigorescu et al. (1994; 2010); Grellet-Tinner et al. (2012)
<i>M. cf. siruguei</i>	Clutch(es) (Find 8)	Fine*	Sanpetru	Nalat-Vad, Hateg Basin, Romania	Smith et al. (2002); Grigorescu et al. (1994; 2010)
<i>M. cf. siruguei</i>	Clutch(es) (Find 9)	Fine*	Sanpetru	Nalat-Vad, Hateg Basin, Romania	Smith et al. (2002); Grigorescu et al. (1994; 2010)
<i>M. cf. siruguei</i>	Clutch(es) (Find 2)	Fine*	Sanpetru	Nalat-Vad, Hateg Basin, Romania	Smith et al. (2002); Grigorescu et al. (1994; 2010)
<i>M. cf. siruguei</i>	Clutch(es) (Find 6)	Fine	Sanpetru	Nalat-Vad, Hateg Basin, Romania	Smith et al. (2002); Grigorescu et al. (1994; 2010)
<i>M. cf. siruguei</i>	Clutch(es) (Find 7)	Coarse*	Sanpetru	Nalat-Vad, Hateg Basin, Romania	Smith et al. (2002); Grigorescu et al. (1994; 2010)
<i>M. sp.</i>	Clutch(es)	Coarse*	Lameta	Salbardi, District	Srivastava and Mankar

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Amravati, Maharashtra and Betul, India	(2015)
<i>M. sp.</i>	Colonial nesting ground	Coarse	Aren Sandstone	Barranc de la Costa Gran, Basturs, Tremp syncline, southern Pyrenees, Spain	Sanz et al. (1995); Sander et al. (1998); Diaz-Molina et al. (2007)
<i>M. sp.</i>	Clutch(es) (Horizon 1)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 2)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 3)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 4)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 5)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 6)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es) (Horizon 7)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sander et al. (1998); Peitz (2001)
<i>M. sp.</i>	Clutch(es)	Fine*	Densus-Ciula	Tustea, Hateg Basin,	Venczel et al. (2015)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Romania	
<i>M. sp.</i> (Type 2A: probably <i>M. patagonicus</i>)	Clutch(es) (Egg level 3 of Salitral de Santa Rosa- Salinas de Trapalco)	Coarse*	Allen	Berthe IV, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007; 2009)
Megaloolithidae indet.	Clutch(es)	Coarse*	Allen	Bajo de Arriagada, Patagonia, Rio Negro, Argentina	Genise and Sarzetti (2011)
Megaloolithidae indet. (Type 2B)	Clutch(es) (Egg level 2 of Salitral Ojo de Agua)	Coarse	Allen	Arrigada III, Salitral Ojo de Agua, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet.	Clutch(es)	Coarse	Allen	Arrigada III, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet.	Clutch(es)	Coarse	Los Llanos	Tama, Sierra de Los Llanos, La Rioja, Argentina	Hechenleitner et al. (2016); Basilici et al. (2017)
" <i>Hypselosaurus priscus</i> "	Colonial nesting ground	Fine	NA (Marines Rouges Inferieures)	Rennes-le-chateau, Aude, France	Cousin et al. (1989)
Montanoolithidae					

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>Montanoolithus strongorum</i>	Clutch(es)	Coarse*	Two Medicine	Blackfeet Reservation, Montana, USA	Zelenitsky and Therrien (2008b)
Ovaloolithidae					
<i>Ovaloolithus</i> sp.	Clutch(es)	Fine	Chichengshan	Ganjiechang, Tiantai, Zhejiang, China	Fang et al. (2000)
Ovaloolithidae indet.	Clutch(es)	Fine*	Hasandong	Sumunri, Geumseong-myeon, Hadong, South Gyeongsang, South Korea	Lee (2003); Yun and Yang (1997); Paik et al. (2012)
<i>Preprismatoolithus</i>					
<i>Preprismatoolithus coloradensis</i> (<i>Allosaurus</i>)	Clutch(es)	Fine	Morrison	Young Locality, Delta County, Colorado, USA	Hirsch (1994)
<i>Preprismatoolithus</i> (<i>Lourinhanosaurus antunesi</i>)	Clutch(es) with embryonic bones	Fine	Lourinha	Pai Mogo, Lourinha, Estramadur, Portugal	Mateus et al. (1997); Antunes et al. (1998)
Prismatoolithidae					
<i>Prismatoolithus gebiensis</i>	Clutch(es)	Fine	Gaogou	Xixia Basin, Henan, China	Wang and Zhou (1995)
<i>P. gebiensis</i>	Clutch(es)	Fine	Djadokhta	Bayan Mandahu, Urad Houqi, Inner Mongolia,	Zhao and Li (1993)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>P. heyuanensis</i>	Clutch(es)	Coarse	Dongyuan	China Fengguang Village of Yuannan Town, Yuancheng District, Heyuan, Guangdong, China	Lü et al. (2006); Tanaka et al. (2012)
<i>P. jenseni</i>	Clutch(es)	Coarse	North Horn	Sauropod Locality, Emery County, Utah, USA	Jensen (1966); Bray (1999)
<i>P. levis (Troodon formosus)</i>	Clutch(es)	Fine	Oldman	New Egg Site, Devil's Coulee, Alberta, Canada	Zelenitsky and Hills (1996); this study (TMP 1994.179.1)
<i>P. levis (Troodon formosus)</i>	Clutch(es)	Fine*	Oldman	North Baby Butte, Devil's Coulee, Alberta, Canada	This study (TMP 1996.86.1)
<i>P. levis (Troodon formosus)</i>	Clutch(es)	Fine*	Two Medicine	Egg Mountain, Willow Creek Anticline and the Red Rock Locality, Choteau, Teton County, Montana, USA	Varricchio et al. (1997; 1999; 2002)
<i>P. levis (Troodon</i>	Clutch(es)	Fine	Two Medicine	Unnamed site, Willow	Varricchio et al. (2002;

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>formosus</i>)				Creek Anticline and the Red Rock Locality, Choteau, Teton County, Montana; Glacier County, Montana, USA	2015)
<i>P. tiantaiensis</i>	Clutch(es)	Fine	Chichengshan	Tiantai Basin, Zhejiang, China	Qian et al. (2008)
<i>Protoceratopsidovum fluxuosum</i>	Clutch(es)	Coarse	Barun-Goyot	Khermin-Tsav, Gobi, Mongolia	Mikhailov (1994b)
<i>P. minimum</i>	Clutch(es)	Coarse	Djadokhta	Baga-Tariach, Gobi, Mongolia	Mikhailov (1994b)
<i>P. sincerum</i>	Clutch(es)	Coarse	Djadokhta	Bain-Dzak, Gobi, Mongolia	Mikhailov (1994b)
<i>P. sincerum</i>	Clutch(es)	Coarse	Djadokhta	Main Field, Bain-Dzak, Gobi, Mongolia	Sabath (1991)
<i>P. sincerum</i>	Clutch(es)	Coarse	Djadokhta	Dashzeveg Sayr, Bain-Dzak, Gobi, Mongolia	Sabath (1991)
<i>P. sp.</i>	Clutch(es)	Coarse*	Djadokhta	Zhinst Tolgoi, Udyn Sayr, Gobi, Mongolia	Suzuki and Watabe (2000a)
<i>P. sp.</i>	Clutch(es)	Coarse	Djadokhta	Bain-Dzak, Gobi, Mongolia	Suzuki and Watabe (2000b)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>P. sp.</i>	Clutch(es)	Coarse	Djadokhta	Tugrikin Shire, Gobi, Mongolia	Watabe et al. (2010)
<i>Sankofa pyrenaica</i>	Clutch(es)	Coarse	Aren	Serrat Pedrego, Montsec area, Lleida, Catalonia, Spain	Lopez-Martinez and Vicens (2012)
<i>Prismatoolithus sp.</i>	Clutch(es)	Fine*	Oldman	Little Diablo's Hill and Saddle, Devil's Coulee, Alberta, Canada	This study (TMP 2008.75.51)
<i>P. levis (Troodon formosus)</i>	Clutch(es) with embryonic bones	Fine*	Two Medicine	Egg Island, Choteau, Teton County, Montana, USA	Varricchio et al. (2002)
Spheroolithidae					
<i>Paraspheroolithus sanwangbacunensis</i>	Clutch(es)	Coarse	Dongyuan	Heyuan Basin, Guangdong, China	Fang et al. (2005)
<i>Spheroolithus spheroides</i>	Clutch(es)	Fine	Wangshi Group	Near Chinkongkou and Tsotan, Laiyang, Shangdong, China	Chow (1951; 1954)
<i>S. sp.</i>	Clutch(es) (one from at least two stratigraphic levels)	Fine*	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>S. sp.</i>	Clutch(es) (one from at least two stratigraphic levels)	Fine*	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)
Spheroolithidae indet.	Clutch(es) (Site 2-lower horizon)	Fine	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Clutch(es) (Site 3)	Fine*	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Clutch(es) (Site 4)	Fine	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Clutch(es)	Coarse	Barungoyot	Shiluut Ula, Gobi, Mongolia	Watabe et al. (2010)
Spheroolithidae indet.	Clutch(es)	Coarse*	Djadokhta	Dzamin Khond, Gobi, Mongolia	Watabe et al. (2010)
<i>Maiasaura peeblesorum</i>	Colonial nesting ground	Fine*	Two Medicine	Choteau, Teton County, Montana, USA	Horner and Makela (1979); Horner (1982)
<i>Hypacrosaurus stebingeri</i>	Clutch(es)	Fine*	Two Medicine	Blacktail Creek, Glacier County, Montana, USA	Horner and Currie (1994)
<i>H. stebingeri</i>	Clutch(es) (one of multiple stratigraphic levels)	Fine*	Oldman	Diablo's Hill, Devil's Coulee, Alberta, Canada	Horner and Currie (1994); this study (TMP 1989.79.53; TMP1988.79.36)
<i>H. stebingeri</i>	Clutch(es) (one of	Fine*	Oldman	Diablo's Hill, Devil's	This study (TMP

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	multiple stratigraphic levels)			Coulee, Alberta, Canada	1997.63.1)
Youngoolithidae					
<i>Youngoolithus xiaguanensis</i>	Clutch(es)	Fine	NA	Xianguan Basin, Neixiang County, Henan, China	Zhao (1979); Zhang (2010)
Oofamily incertae sedis					
<i>Continuoolithus canadensis</i>	Clutch(es)	Fine*	Two Medicine	Flaming Cliff locality, Willow Creek Anticline and the Red Rock Locality, Choteau, Teton County, Montana, USA	Jackson et al. (2015)
<i>Massospondylus carinatus</i>	Clutch(es) (one of four horisons)	Fine*	Upper Elliot	Golden Gate Highlands National Park, South Africa	Kitching (1979); Zelenitsky and Modesto (2002); Reisz et al. (2012)
<i>M. carinatus</i>	Clutch(es) (one of four horisons)	Fine*	Upper Elliot	Golden Gate Highlands National Park, South Africa	Kitching (1979); Zelenitsky and Modesto (2002); Reisz et al. (2012)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. carinatus</i>	Clutch(es) (one of four horisons)	Fine*	Upper Elliot	Golden Gate Highlands National Park, South Africa	Kitching (1979); Zelenitsky and Modesto (2002); Reisz et al. (2012)
<i>M. carinatus</i>	Clutch(es) (one of four horisons)	Fine*	Upper Elliot	Golden Gate Highlands National Park, South Africa	Kitching (1979); Zelenitsky and Modesto (2002); Reisz et al. (2012)
Multicanalicate eggs	Clutch(es)	Coarse*	Mercedes	Soriano, Uruguay	Faccio (1994)
<i>Protoceratops andrewsi</i> eggs	Clutch(es)	Fine	Djadokhta	Ukhaa Tolgod, Mongolia	Erickson et al. (2017)
Indeterminate dinosaur eggs	Clutch(es)	Coarse	Jindong	Goseong, South Korea	Lee (2003)

Supplementary Table S4. Lithology of dinosaur eggs and eggshells that are unlikely in-situ (assumedly ex-situ).

Note that * indicates that additional lithologic data were retrieved from the collection database at the Royal Tyrrell Museum of Palaeontology, Drumheller, Canada. Abbreviation: NA, not available.

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Arriagadoolithidae					
<i>Arriagadoolithus patagoniensis</i> (<i>Bonapartenykus ultimus?</i>)	Isolated egg(s) with <i>Bonapartenykus</i> bones	Coarse	Allen	Salitral Ojo de Agua, North Patagonia, Argentina	Agnolin et al. (2012)
<i>A. patagoniensis</i>	Eggshell(s) (Egg level 2 of Salitral Ojo de Agua)	Coarse	Allen	Arrigada III, Salitral Ojo de Agua, Rio Negro, Argentina	Salgado et al. (2007)
<i>Triprismatoolithus</i> sp.	Eggshell(s)	Coarse	Milk River	Verdigris Coulee, Alberta, Canada	Zelenitsky et al. (2017a)
Cairanoolithidae					
<i>Cairanoolithus dughii</i>	Eggshell(s)	Fine	Red Marls of Maurine Formation	Les Boudous and Gourg de l'Encantado, Upper Aude Valley, France	Fondevilla et al. (2016)
<i>C. cf. roussetensis</i>	Isolated egg(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>C. cf. roussetensis</i>	Isolated egg(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
Dendroolithidae (/Phaceloolithidae)					
<i>Dendroolithus dendriticus</i>	Eggshell(s)	Fine	Zhaoying	Xinping-Chimei Basin, Xixia, Henan, China	Fang et al. (2007)
Phaceloolithidae indet.	Isolated egg(s)	Coarse	Lourinha	Porto das Barcas, near Lourinha, Portugal	Ribeiro et al. (2014)
Dendroolithidae indet.	Eggshell(s)	Coarse	Barungoyot/ Nemegt	Khermeen Tsav, Gobi, Mongolia	Watabe et al. (2010)
Dendroolithidae indet.	Eggshell(s)	Coarse	?Nemegt	Yagaan Khovil, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae					
<i>Elongatoolithus andrewsi</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Zhutian	Nanxiong Basin, Guangdong, China	Fang et al. (2009)
<i>E. andrewsi</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Zhutian	Nanxiong Basin, Guangdong, China	Fang et al. (2009)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>E. andrewsi</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Zhutian	Nanxiong Basin, Guangdong, China	Fang et al. (2009)
<i>E. sp.</i>	Eggshell(s)	Fine	Fenshuiiao	Western Dongting Basin, Hunan, China	Zeng and Zhang (1979)
<i>E. sp.</i>	Eggshell(s)	Coarse	?Djadokhta	Toosgot area, Abdrant Nuru, Gobi, Mongolia	Watabe (2004)
<i>E. sp.</i>	Eggshell(s)	Fine	'Lower Formation' of Sasayama Group	Kamitaki, Tamba, Hyogo, Japan	Tanaka et al. (2016)
<i>E. sp.</i>	Eggshell(s)	Coarse	Nemegt	Khaichin Ula, Gobi, Mongolia	Suzuki and Watabe (2000b)
<i>Macroelongatoolithus sp.</i>	Eggshell fragments	Coarse	Wayan	Robinson Bonebed (IMNH2251), Bonneville County, Idaho, USA	Krumenacker et al. (2016)
<i>Macroelongatoolithus sp.</i>	Eggshell fragments	Fine	Wayan	Brockman Creek (IMNH2427), Bonneville County, Idaho, USA	Krumenacker et al. (2016)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>Macroelongatoolithus</i> sp.	Eggshell fragments	Fine	Wayan	Jackknife Creek (IMNH2428), Bonneville County, Idaho, USA	Krumenacker et al. (2016)
<i>Macroolithus yaotunensis</i>	Isolated egg(s)	Fine	Pingling	Datang, Nanxiong Basin, Guangdong, China	Zhao et al. (2002)
<i>Megafusoolithus qiaoxiaensis</i>	Isolated egg(s)	Fine	Chichengshan	Shuangtang, Tiantai Basin, Zhejiang, China	Wang et al. (2010)
<i>Paraelongatoolithus reticulatus</i>	Isolated egg(s)	Fine	Chichengshan	Chengguan, Tiantai Basin, Zhejiang, China	Wang et al. (2010)
<i>Trachoolithus faticanus</i>	Eggshell(s)	Fine	Dushi Ula (Doshuul)	Buylyasutuin- Khuduk, Ubur- Khangay, Mongolia	Kurzanov and Mikhailov (1989); Mikhailov (1994b)
Elongatoolithidae indet.	Eggshell(s)	Fine	Quipa	Luanchuan, Tantou Basin, Henan, China	Xu (2007); Tanaka et al. (2011); Jiang et al. (2011)
Elongatoolithidae indet.	Isolated egg(s)	Fine	Dadaepo	Busan, South Korea	Paik et al. (2012)
Elongatoolithidae indet.	Eggshell(s)	Fine	Blesa	La Cantalera, Teruel,	Canudo et al. (2010)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Spain	
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Dzamin Khond, Gobi, Mongolia	Suzuki and Watabe (2000b)
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Bayn Dzak, Gobi, Mongolia	Suzuki and Watabe (2000b)
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Mongot, Gobi, Mongolia	Suzuki and Watabe (2000b)
Elongatoolithidae indet.	Isolated egg(s)	Coarse	Nemegt	Bugin Tsav, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Isolated egg(s) (Red Beds)	Coarse	Barungoyot/ Nemegt	Khermeen Tsav, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s) (White Beds)	Coarse	Barungoyot/ Nemegt	Khermeen Tsav, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s)	Coarse	Nemegt	Khermeen Tsav-II, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s)	Fine	Nemegt	Shar Tsav, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Tugrikin Shire, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Dzamin Khond, Gobi, Mongolia	Watabe et al. (2010)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Elongatoolithidae indet.	Eggshell(s)	Coarse	Djadokhta	Bortolgoi, Gobi, Mongolia	Watabe et al. (2010)
Elongatoolithidae indet.	Eggshell(s)	Coarse	?Nemegt	Yagaan Khovil, Gobi, Mongolia	Watabe et al. (2010)
Faveoololithidae					
<i>Faveoololithus</i> sp.	Isolated egg(s)	Fine	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)
<i>F.</i> sp.	Isolated egg(s)	Fine	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)
<i>Parafaveoololithus microporus</i>	Isolated egg(s)	Fine	Laijia	Fangshan, Tiantai, Zhejiang, China	Zhang (2010)
<i>Sphaerovum erbei</i>	Eggshell(s)	Coarse	Asencio	Colonia, 12a. Police Section, stream Miguelete Tala, Uruguay	Mones (1980)
Faveoololithidae indet.	Isolated egg(s) (Location 1-3)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Isolated egg(s) (Location 2 HH)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Faveoololithidae indet.	Isolated egg(s) (Location 5-1 SH)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Isolated egg(s) (Location 6-2)	Coarse	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Isolated egg(s) (Location 6-10)	Fine	Sihwa	Hanyom, Sihwa Basin, South Korea	Kim et al. (2009)
Faveoololithidae indet.	Eggshell(s) (Egg level 2 of Salitral Ojo de Agua)	Coarse	Allen	Arriagada II, Salitral Ojo de Agua, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Eggshell(s) (Egg level 5 of Salitral Ojo de Agua)	Coarse	Allen	Cerro de Guerra, Salitral Ojo de Agua, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Eggshell(s) (Egg level 1 of Salitral de Santa Rosa- Salinas de Trapalco)	Coarse	Allen	Berthe II, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Eggshell(s) (Egg level 2 of Salitral de Santa Rosa- Salinas de	Coarse	Allen	Santos IV, Cerro Bonaparte, Berthe I, and Berthe III, Salitral de Santa	Salgado et al. (2007)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	Trapalco)			Rosa-Salinas de Trapalco, Rio Negro, Argentina	
Faveoololithidae indet.	Eggshell(s) (Egg level 3 of Salitral de Santa Rosa- Salinas de Trapalco)	Coarse	Allen	Cerro Bonaparte, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Eggshell(s) (Egg level 4 of Salitral de Santa Rosa- Salinas de Trapalco)	Coarse	Allen	Berthe V, Berthe VI, and Cerro Tortugas, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Faveoololithidae indet.	Eggshell(s) (Egg level 5 of Salitral de Santa Rosa- Salinas de Trapalco)	Coarse	Allen	Garcia I, Garcia II, and Cerro Tortugas, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae					

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>Megaloolithus aureliensis</i>	Isolated egg(s)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
cf. <i>M. aureliensis</i>	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. baghensis</i>	Eggshell(s)	Fine	Lameta	Anjar, Gujarat, India	Khosla and Sahni (1995)
<i>M. cf. baghensis</i>	Isolated egg(s)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. magharebiensis</i>	Eggshell(s)	Fine	Irbzer	Oukdiksou syncline, Morocco	Garcia et al. (2003)
<i>M. mammillare</i>	Eggshell(s)	Fine	Red Marls of Maurine Formation	Roque Fumade, Upper Aude Valley, France	Fondevilla et al. (2016)
Possibly <i>M. mammillare</i>	Isolated egg(s)	Coarse	Tremp	Bastus, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. mammillare?</i>	Isolated egg(s)	Coarse	Tremp	Abella, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. matleyi (/jabalpurensis)</i>	Eggshell(s)	Coarse	Lameta	Patbaba ridge,	Mohabey (1998)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. cf. patagonicus</i> (Titanosauridae)	Eggshell(s)	Fine	Tremp	Jabalpur, Madhya Pradesh Costa de la Coma, Figuerola d'Orcau, Isona I Conca Della, South-Central Pyrenees, Spain	Bravo and Gaete (2015)
<i>M. petralta</i>	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. petralta</i>	Eggshell(s)	Coarse	Aren	Moro, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. pseudomamillare?</i> (or <i>M. petralta</i>)	Isolated egg(s)	Coarse	Tremp	Suterranya, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. siruguei</i>	Eggshell(s)	Fine	Aix-en-Provence	Rousset-Routiers, Aix-en-Provence, France	Vianey-Liaud et al. (1994)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. siruguei</i>	Eggshell(s)	Coarse	Aix-en-Provence	Rousset-Village, Aix-en-Provence, France	Vianey-Liaud et al. (1994)
<i>M. siruguei</i>	Eggshell(s)	Fine	Tremp	Biscarri, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)
<i>M. siruguei</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Tremp	Coll de Nargo, Lleida, Catalonia, Spain	Sellés et al. (2013)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. cf. siruguei</i>	Eggshell(s) (one of at least two eggshell-bearing levels)	Fine	Densus-Ciula	Livezi, Hateg Basin, Romania	Grigorescu et al. (1994; 2010)
<i>M. cf. siruguei</i>	Eggshell(s) (one of at least two eggshell-bearing levels)	Fine	Densus-Ciula	Livezi, Hateg Basin, Romania	Grigorescu et al. (1994; 2010)
<i>M. sp.</i>	Eggshell(s)	Fine	NA	Cruzy (Quarantes basin, Herault) and Vitrolles-Couperigne (Aix basin, Bouches-du-Rhone), France	Garcia (2000)
<i>M. sp.</i>	Eggshell(s)	Coarse	Aren	Basturs, Catalunya, Spain	Peitz (2001)
<i>M. sp.</i>	Isolated egg(s)	Fine	Tremp	Gosol, Catalunya, Spain	Peitz (2001)
<i>Pseudomegaloolithus atlasi</i>	Eggshell(s)	Fine	Tendrara red beds	Douar Lgara, Tendrara High Plateaus, Morocco	Chassagne-Manoukian et al. (2013)
Megaloolithidae indet.	Isolated egg(s)	Fine	NA	Commune de	Williams et al. (1984)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Pourcieux, Aix-en-Provence, France	
Megaloolithidae indet.	Eggshell(s) (One of five horizons)	Coarse	Galula Formation of Red Sandstone Group	TZ-07, 20 km west of the town of Mbeya in the Mbeya District, southwestern Tanzania	Gottfried et al. (2004)
Megaloolithidae indet.	Eggshell(s) (One of five horizons)	Coarse	Galula Formation of Red Sandstone Group	TZ-07, 20 km west of the town of Mbeya in the Mbeya District, southwestern Tanzania	Gottfried et al. (2004)
Megaloolithidae indet.	Eggshell(s) (One of five horizons)	Coarse	Galula Formation of Red Sandstone Group	TZ-07, 20 km west of the town of Mbeya in the Mbeya District, southwestern Tanzania	Gottfried et al. (2004)
Megaloolithidae indet.	Eggshell(s) (One of five horizons)	Coarse	Galula Formation of Red Sandstone	TZ-07, 20 km west of the town of Mbeya in the Mbeya District, southwestern	Gottfried et al. (2004)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
			Group	Tanzania	
Megaloolithidae indet.	Eggshell(s) (One of five horizons)	Coarse	Galula Formation of Red Sandstone	TZ-07, 20 km west of the town of Mbeya in the Mbeya District, southwestern	Gottfried et al. (2004)
			Group	Tanzania	
Megaloolithidae indet.	Eggshell(s)	Coarse	Marilia	Peiropolis, Baruru Basin, Marilia County, San Paulo State, Brazil	Ribeiro (2002)
Megaloolithidae indet.	Eggshell(s)	Coarse	Marilia	Ponte Alta, Baruru Basin, Marilia County, San Paulo State, Brazil	Ribeiro (2002)
Megaloolithidae indet. (Type 2A)	Type 2A eggshell(s) (Egg level 4 of Salitral Ojo de Agua)	Coarse	Allen	Arrigada I, Salitral Ojo de Agua, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2A)	Type 2A eggshell(s) (Egg level 1 of Salitral de Santa	Coarse	Allen	Berthe II, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro,	Salgado et al. (2007)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	Rosa-Salinas de Trapalco)			Argentina	
Megaloolithidae indet. (Type 2A)	Type 2A eggshell(s) (Egg level 2 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Cerro Bonaparte, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2A)	Type 2A isolated egg(s) (Egg level 4 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Berthe IV, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2A)	Type 2A eggshell(s) (Egg level 5 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Cerro Turtugas, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2B)	Type 2B eggshell(s) (Egg level 2 of Salitral de Santa Rosa-Salinas de	Coarse	Allen	Berthe III, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
	Trapalco)				
Megaloolithidae indet. (Type 2B)	Type 2B eggshell(s) (Egg level 3 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Mansilla I and II, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2B)	Type 2B eggshell(s) (Egg level 4 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Berthe V and VI, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
Megaloolithidae indet. (Type 2B)	Type 2B eggshell(s) (Egg level 5 of Salitral de Santa Rosa-Salinas de Trapalco)	Coarse	Allen	Garcia I, Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Salgado et al. (2007)
" <i>Hypselosaurus priscus</i> "	Eggshell(s)	Coarse	NA	Rennes-le-chateau, Aude, France	Cousin et al. (1989)
Montanoolithidae					
<i>Montanoolithus labadousensis</i>	Eggshell(s)	Fine	NA	Rennes-le-chateau, Aude, France	Beetschen et al. (1977); Vila et al. (2017)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>M. cf. strongorum</i>	Eggshell(s)	Fine	Willow Creek	Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)
Ovaloolithidae					
Ovaloolithidae indet.	Eggshell(s)	Fine	NA	Tel Ulan Chaltsai (Mogoin Daatsyn Khuduk), Mongolia	Watabe et al. (2010)
Pinnatoolithae					
<i>Lanceoololithus xiapingensis</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Zhutian	Nanxiong Basin, Guangdong, China	Fang et al. (2009)
<i>L. xiapingensis</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Zhutian	Nanxiong Basin, Guangdong, China	Fang et al. (2009)
Polyclonoolithidae					
<i>Polyclonoolithus yangjiagouensis</i>	Isolated egg(s)	Fine	Hekou Group	Yangjiagou, Lanzhou-Minhe Basin, Gansu, China	Xie et al. (2016)
<i>Preprismatoolithus</i>					
<i>Preprismatoolithus (Lourinhanosaurus antunesi)</i>	Eggshell(s)	Fine	Lourinha	Casal da Rola, near Lourinha, Portugal	Ribeiro et al. (2014)
<i>P. coloradensis</i>	Isolated egg(s)	Fine	Morrison	Cleveland-Lloyd	Hirsch et al. (1989);

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>(Allosaurus)</i>				Dinosaur Quarry, Emery County, Utah, USA	Hirsch (1994)
<i>P. coloradensis</i> <i>(Allosaurus)</i>	Eggshell(s)	Fine	Morrison	Garden Park Area, near Canyon City, Colorado, USA	Hirsch (1994)
Prismatoolithidae					
<i>Prismatoolithus carboti</i>	Isolated egg(s)	Fine	Villeveyrac- Meze Basin	Grande Marquise, Herault, France	Garcia et al. (2000)
<i>P. carboti</i>	Eggshell(s)	Fine	Villeveyrac- Meze Basin	Neuve, Bouches-du- Rhone, France	Garcia et al. (2000)
<i>P. cf. levis</i>	Eggshell(s)	Fine	Willow Creek	Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)
aff. <i>P. matellensis</i>	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>P. tenuis</i>	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>Protoceratopsidovum fluxuosum</i>	Eggshell(s)	Coarse	NA	Nemegt, Gobi, Mongolia	Sabath (1991)
<i>P. minimum</i>	Isolated egg(s)	Coarse	Nemegt	Altan Ula IV, Gobi, Mongolia	Sabath (1991)
<i>P. sp.</i>	Eggshell(s)	Coarse	Djadokhta	Bayn Dzak, Gobi, Mongolia	Suzuki and Watabe (2000b)
<i>P. sp.</i>	Eggshell(s)	Coarse	Djadokhta	Bayn Dzak, Gobi, Mongolia	Watabe et al. (2010)
<i>Sankofa pyrenaica</i>	Eggshell(s)	Coarse	Aren	Urbanizacion Montsec, Montsec area, Lleida, Catalonia, Spain	Lopez-Martinez and Vicens (2012)
<i>Trigonoolithus amoae</i>	Eggshell(s)	Fine	Belsa	La Cantalera site, Josa, Teruel, northern Spain	Canudo et al. (2010); Moreno-Azanza et al. (2014b)
<i>Prismatoolithus sp.</i>	Eggshell(s)	Coarse	Dinosaur Park	Bonebed BB098, Dinosaur Provincial Park, Alberta	Zelenitsky and Sloboda (2005)
<i>P. sp.</i>	Eggshell(s)	Fine	Blesa	La Cantalera, Teruel, Spain	Canudo et al. (2010)
<i>P. sp.</i>	Eggshell(s)	Coarse	Fruitland	NMMNH L-4010,	Tanaka et al. (2011)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Bisti/De-na-zin Wilderness area, San Juan Basin, New Mexico	
<i>P. sp.</i>	Eggshell(s)	Fine	'Lower Formation' of Sasayama Group	Kamitaki, Tamba, Hyogo, Japan	Tanaka et al. (2016)
<i>P. sp.</i>	Eggshell(s)	Fine	Willow Creek	Whiskey Gap area and Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)
<i>P. sp.</i>	Eggshell(s)	Coarse	Milk River	Verdigris Coulee, Alberta, Canada	Zelenitsky et al. (2017a)
<i>cf. Prismaoolithus</i>	Eggshell(s)	Fine	Late Cretaceous	Cruzy (Quarantes basin, Herault) and Vitrolles-Couperigne (Aix basin, Bouches- du-Rhone), France	Garcia (2000)
<i>Prismaoolithus?</i>	Eggshell(s)	Fine	Irbzer	Oukdiksou syncline, Morocco	Garcia et al. (2003)
Prismaoolithidae indet.	Eggshell(s)	Fine	'Lower	Kamitaki, Tamba,	Tanaka et al. (2016)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
			Formation' of Sasayama Group	Hyogo, Japan	
Similifaveoolithidae					
<i>Similifaveoolithus gongzhulingensis</i>	Isolated egg(s)	Fine	Quantou	Liufangzi, Gongzhuling, Jilin, China	Wang et al. (2006; 2013)
Spheroolithidae					
<i>Guegoolithus turolensis</i>	Eggshell(s)	Fine	Blesa	Galve, Teruel, Spain	Moreno-Azanza et al. (2014a)
<i>G. turolensis</i>	Eggshell(s)	Coarse	Camarillas	Galve, Teruel, Spain	Moreno-Azanza et al. (2014a)
<i>Spheroolithus albertensis</i> *	Eggshell(s)	Coarse	Dinosaur Park	Bonebed BB031, Dinosaur Provincial Park, Alberta	Zelenitsky and Sloboda (2005)
<i>S. albertensis</i> *	Eggshell(s)	Fine	Dinosaur Park	Bonebed BB104, Dinosaur Provincial Park, Alberta	Zelenitsky and Sloboda (2005)
<i>S. cf. albertensis</i>	Eggshell(s)	Fine	Willow Creek	Whiskey Gap area and Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>S. cf. choteauensis</i>	Eggshell(s)	Fine	Willow Creek	Junction of the Oldman River and Callum Creek, Whiskey Gap area, and Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)
<i>S. cf. choteauensis</i>	Eggshell(s)	Coarse	Milk River	Verdigris Coulee, Alberta, Canada	Zelenitsky et al. (2017a)
<i>S. europaeus</i>	Eggshell(s)	Coarse	Tremp	Pont d'Orrit, Tremp, Lleida, Catalonia, Spain	Sellés et al. (2014)
<i>S. megadermus</i>	Isolated egg(s)	Fine	Quantou	Changtu, Liaoning, China	Liu et al. (2013)
<i>S. spheroides</i> (including <i>S. Chiangchiugtingensis</i>)	Isolated egg(s)	Fine	Quantou	Changtu, Liaoning, China	Liu et al. (2013)
<i>S. sp.</i>	Isolated egg(s)	Fine	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009); Paik et al. (2004)
<i>S. sp.</i>	Isolated egg(s)	Fine	Seonso	Bosung County, Chullanam-do, South Korea	Huh and Zelenitsky (2002); Kim et al. (2009)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>S. sp.</i>	Eggshell(s)	Fine	'Lower Formation' of Sasayama Group	Kamitaki, Tamba, Hyogo, Japan	Tanaka et al. (2016)
<i>S. sp.</i>	Eggshell(s) with perinatal <i>Saurolophus angustirostris</i> bones	Coarse	Nemegt	Dragon's Tomb' dinosaur locality, Gobi, Mongolia	Dewaele et al. (2015)
<i>Spheroolithus?</i>	Eggshell(s) (one of multiple stratigraphic levels)	Fine	Lameta	Dongargaon, Pisdura, Polgaon and Tidkepar in Kholdoda and Chandrapur, Maharashtra, India	Mohabey (1996; 2001)
<i>Spheroolithus?</i>	Eggshell(s) (one of multiple stratigraphic levels)	Coarse	Lameta	Dongargaon, Pisdura, Polgaon and Tidkepar in Kholdoda and Chandrapur, Maharashtra, India	Mohabey (1996; 2001)
Spheroolithidae indet.	Eggshell(s)	Coarse	?Djadokhta	Toosgot area, Abdrant Nuru, Gobi, Mongolia	Watabe (2004)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Spheroolithidae indet.	Eggshell(s) (Site 1: Lower Horizon)	Fine	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Isolated egg(s) (Site 1: Upper Horizon)	Coarse	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Isolated egg(s) (Site 2: Upper Horizon)	Fine	Goseong	Goseong, South Korea	Paik et al. (2012)
Spheroolithidae indet.	Eggshell(s)	Fine	Nemegt	Shar Tsav, Gobi, Mongolia	Watabe et al. (2010)
Spheroolithidae indet.	Eggshell(s)	Fine	Djadokhta	Bortolgoi, Gobi, Mongolia	Watabe et al. (2010)
Spheroolithidae indet.	Eggshell(s)	Coarse	?Nemegt	Yagaan Khovil, Gobi, Mongolia	Watabe et al. (2010)
cf. Spheroolithidae	Eggshell(s)	Fine	Blesa	La Cantalera, Teruel, Spain	Canudo et al. (2010)
Oofamily incertae sedis					
<i>Ageroolithus fontllongensis</i>	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>A. fontllongensis</i>	Eggshell(s)	Coarse	Aren	Moro, Tremp Basin, Southern Pyrenees,	Vianey-Liaud and Lopez-Martinez (1997)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Lleida, Spain	
<i>cf. Ageroolithus</i>	Eggshell(s)	Fine	NA	Vitrolles-Couperigne, France	Garcia (2000)
<i>Continuoolithus canadensis</i>	Eggshell(s)	Fine	Oldman	Little Diablo's Hill, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>C. canadensis</i>	Eggshell(s)	Fine	Oldman	North Baby Butte, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>C. canadensis</i>	Eggshell(s)	Fine	Oldman	Faye Walker's Coulee, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>C. canadensis</i>	Eggshell(s)	Fine	Oldman	Juvie Camp, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>C. canadensis</i>	Eggshell(s)	Fine	Oldman	Knight's Ranch, Alberta, Canada	Zelenitsky et al. (1996)
<i>C. canadensis</i> *	Eggshell(s)	Coarse	Dinosaur Park	Bonebed BB031, Dinosaur Provincial Park, Alberta, Canada	Zelenitsky and Sloboda (2005)
<i>C. canadensis</i> *	Eggshell(s)	Coarse	Dinosaur	Bonebed BB098,	Zelenitsky and Sloboda

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
			Park	Dinosaur Provincial Park, Alberta, Canada	(2005)
<i>C. canadensis</i> *	Eggshell(s)	Fine	Dinosaur Park	Bonebed BB104, Dinosaur Provincial Park, Alberta, Canada	Zelenitsky and Sloboda (2005)
<i>C. canadensis</i>	Eggshell(s)	Coarse	Fruitland	NMMNH L-4010, Bisti/De-na-zin Wilderness area, San Juan Basin, New Mexico, USA	Tanaka et al. (2011)
<i>C. cf. canadensis</i>	Eggshell(s)	Fine	Willow Creek	Whiskey Gap area, Alberta Canada	Zelenitsky et al. (2017b)
<i>C. cf. canadensis</i>	Eggshell(s)	Coarse	Milk River	Verdigris Coulee, Alberta, Canada	Zelenitsky et al. (2017a)
<i>cf. Continuoolithus</i>	Eggshell(s)	Fine	Aguja	"Purple Hill" microsite, Rattlesnake Mountain, Big Bend National Park, Texas, USA	Welsh and Sankey (2005)
Ornithoid basic type and ratite morphotype	Eggshell(s)	Fine	Morrison	Rio Puerco drainage, Arch Mesa, Sandoval	Bray and Lucas (1997)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>(Continuoolithus?)</i>				County, New Mexico, USA	
<i>Deinonychus antirrhopus</i>	Isolated egg(s) with embryonic <i>Deinonychus</i> <i>antirrhopus</i> bones	Fine	Cloverly	'Cashen Pocket', Crow Indian reservation, Big Horn County, Montana, USA	Makovicky and Grellet- Tinner (2001); Grellet- Tinner and Makovicky (2006)
<i>Dispersituberoolithus exilis</i>	Eggshell(s)	Fine	Oldman	Little Diablo's Hill, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
Probably <i>Lufengosaurus</i>	Eggshell(s) with embryonic possible <i>Lufengosaurus</i> bones	Fine	Lower Lufeng	Kunming, Yunnan, China	Reisz et al. (2013)
Multicanalicate eggs	Eggshell(s)	Coarse	Mercedes	Soriano, Uruguay	Faccio (1994)
Multicanalicate eggs	Eggshell(s)	Coarse	Mercedes	Algorta, Uruguay	Faccio (1994)
<i>Nipponoolithus ramosus</i>	Eggshell(s)	Fine	'Lower Formation' of Sasayama Group	Kamitaki, Tamba, Hyogo, Japan	Tanaka et al. (2016)
<i>Porituberoolithus</i>	Eggshell(s)	Fine	Oldman	Little Diablo's Hill,	Zelenitsky et al. (1996)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
<i>warnerensis</i>				Devil's Coulee, Alberta, Canada	
<i>P. warnerensis</i>	Eggshell(s)	Fine	Oldman	Faye Walker's Coulee, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>P. warnerensis</i>	Eggshell(s)	Fine	Oldman	Knight's Ranch, Alberta, Canada	Zelenitsky et al. (1996)
<i>P. warnerensis</i> *	Eggshell(s)	Coarse	Dinosaur Park	Bonebed BB031, Dinosaur Provincial Park, Alberta, Canada	Zelenitsky and Sloboda (2005)
<i>P. warnerensis</i>	Eggshell(s)	Fine	Willow Creek	Whiskey Gap area and Todd Creek area, Alberta Canada	Zelenitsky et al. (2017b)
<i>P. warnerensis</i>	Eggshell(s)	Coarse	Fruitland	NMMNH L-4010, Bisti/De-na-zin Wilderness area, San Juan Basin, New Mexico, USA	Tanaka et al. (2011)
<i>P. cf. warnerensis</i>	Eggshell(s)	Coarse	Milk River	Verdigris Coulee, Alberta, Canada	Zelenitsky et al. (2017a)
<i>cf. Porituberoolithus</i>	Eggshell(s)	Fine	Aguja	"Purple Hill"	Welsh and Sankey

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				microsite, Rattlesnake Mountain, Big Bend National Park, Texas, USA	(2005)
<i>Pseudogeckoolithus nodosus</i>	Eggshell(s)	Coarse	Trempealeau	Fontllonga 6, Trempealeau Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
<i>Pseudogeckoolithus?</i>	Eggshell(s)	Fine	NA	Cruzy (Quarantes basin, Herault), France	Garcia (2000)
<i>Reticuloolithus hirschi</i> *	Eggshell(s)	Fine	Dinosaur Park	Bonebed BB104, Dinosaur Provincial Park, Alberta, Canada	Zelenitsky and Sloboda (2005)
<i>Tristraguloolithus cracioides</i>	Eggshell(s)	Fine	Oldman	Knight's Ranch, Alberta, Canada	Zelenitsky et al. (1996)
<i>T. cracioides</i>	Eggshell(s)	Fine	Oldman	Little Diablo's Hill, Devil's Coulee, Alberta, Canada	Zelenitsky et al. (1996)
<i>T. cracioides</i>	Eggshell(s)	Fine	Oldman	Faye Walker's Coulee, Devil's Coulee,	Zelenitsky et al. (1996)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Indeterminate theropod eggshell	Eggshell(s)	Coarse	Fruitland	Alberta, Canada NMMNH L-4010, Bisti/De-na-zin Wilderness area, San Juan Basin, New Mexico, USA	Tanaka et al. (2011)
Dinosauroid spherulithic basic type	Eggshell(s)	Fine	Aguja	"Purple Hill" microsite, Rattlesnake Mountain, Big Bend National Park, Texas, USA	Welsh and Sankey (2005)
?Prismatoolithidae	Eggshell(s)	Coarse	Tremp	Fontllonga 6, Tremp Basin, Southern Pyrenees, Lleida, Spain	Vianey-Liaud and Lopez-Martinez (1997)
?Prismatoolithidae	Eggshell(s)	Fine	Morrison	Gallison Locality, Delta County, Colorado, USA	Hirsch (1994)
Dinosauroid prismatic basic type	Eggshell(s)	Fine	Aguja	"Purple Hill" microsite, Rattlesnake Mountain, Big Bend	Welsh and Sankey (2005)

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
Ratite morphotype	Eggshell(s)	Fine	Aguja	National Park, Texas, USA "Purple Hill" microsite, Rattlesnake Mountain, Big Bend National Park, Texas, USA	Welsh and Sankey (2005)
Prismatic morphotype	Eggshell(s)	Fine	NA	La Neuve and Grande Marquise, France	Garcia (2000)
Indet. type	Isolated egg(s)	Fine	Oxford Clay	Oxford Clay, Peterborough, England	Liston and Chapman (2014)
Indet. Type (thin ridged type)	Eggshell(s)	Fine	Cloverly	MOR CL-121, Bridger, Carbon County, Montana, USA	Maxwell and Horner (1994)
Indet. Type (thick ridged type)	Eggshell(s)	Fine	Cloverly	MOR CL-121, Bridger, Carbon County, Montana, USA	Maxwell and Horner (1994)
Indet. Type (nodes type)	Eggshell(s)	Fine	Cloverly	MOR CL-121,	Maxwell and Horner

Ootaxon/taxon	Material	Lithology	Formation	Locality	References
				Bridger, Carbon County, Montana, USA	(1994)
Indet. type	Eggshell(s)	Fine	Morrison	Callison Locality, Delta County, Colorado, USA	Hirsch (1994)

Supplementary Table S5. List of ootaxa and their possible parental taxa used in this study.

Oofamily	Parental taxa	Identification based on:	Reference
Dendroolithidae (also known as Phaceloolithidae)	<i>Torvosaurus</i> and possibly therizinosauroids	Embryos	Manning et al. (1997); Kundrat et al. (2008); Araujo et al. (2013); Ribeiro et al. (2014)
Elongatoolithidae	Oviraptorosauria	Embryos, a gravid adult, and adults atop clutches	Dong and Currie (1996); Clark et al., (1999); Norell et al. (2001); Sato et al. (2005); Cheng et al. (2008); Weishampel et al. (2008); Fanti et al. (2012); Wang et al. (2016)
Faveoololithidae	?Sauropodomorpha	Eggshell morphology	Grellet-Tinner and Fiorelli (2010); Grellet- Tinner et al. (2012)
Megaloolithidae	Titanosaurs	Embryos	Chiappe et al. (1998; 2001)
Prismatoolithidae (excluding <i>Preprismatoolithus</i>)	Troodontids and non- oviraptorosaur maniraptorans	Embryos and eggshell morphology	Varricchio et al. (1997; 2002); Zelenitsky and Therrien (2008a); Lopez-Martinez and Vicens (2012)
Spheroolithidae	Ornithschian, including <i>Maiasaura</i> and <i>Hypacrosaurus</i>	Embryos	Horner and Makela (1979); Hirsch and Quinn (1990); Horner (1999; 2000)

Supplementary Table S6. Approximate paleolatitudes of egg localities for major dinosaur ootaxa.

Abbreviations: D, Dendroolithidae; E, Elongatoolithidae; Fa, Faveoololithidae; Me, Megaloolithidae; NA, not available; Pre, *Preprismatoolithus*; Pri, Prismatoolithidae; Sp, Spheroolithidae. Positive and negative values of paleolatitudes represent north and south latitudes, respectively.

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
D	Heyuan Basin, Guangdong, China	Dongyuan	65	29.10	Fang et al. (2005)
D	Nanyang Valley near Xinye, Henan, China	Nancho	80	36.50	Manning et al. (1997); Kundrat et al. (2008)
D	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Zhaoying	85	37.85	Fang et al. (2007)
D	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Zhoumagang	90	38.60	Fang et al. (2007)
D	Taohe, Xichuan, Henan, China	Majiacun	85	37.85	Zhao and Zhao (1998)
D	Dashiqiao, Xichuan, Henan, China	Gaogou	90	38.40	Zhao and Zhao (1998)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
D	Yunxian, Hubei, China	Gaogou	90	37.70	Zhou et al. (1998)
D	Heshui, Hubei, China	Gong-An-Zhai	80	35.70	Zhao and Li (1988)
D	Western Dongting Basin, Hunan, China	Fenshuiao	80	32.80	Zeng and Zhang (1979)
D	Tiantai Basin, Zhejiang, China	Chichengshan	95	36.30	Fang et al. (1998; 2000)
D	Khermeen Tsav, Gobi, Mongolia	Barungoyot/ Nemegt	75	44.95	Watabe et al. (2010)
D	Shilyust-Ula, Gobi, Mongolia	?Barungoyot	75	45.20	Mikhailov (1994a)
D	Bayn Shire, Gobi, Mongolia	Baynshire	85	48.00	Watabe et al. (2010)
D	Abdrant Nuru, Gobi, Mongolia	?Djadokhta	70	46.60	Watabe (2004)
D	Khaichin Ula, Gobi, Mongolia	Nemegt	70	45.90	Suzuki and Watabe (2000b)
D	Yagaan Khovil, Gobi, Mongolia	?Nemegt	70	45.50	Watabe et al. (2010)
D	Shiwa Bay, Whaseong, Gyeonggi, South Korea	Shiwa	120	41.50	Lee (2003)
D	Porto das Barcas, near	Lourinha	150	26.70	Ribeiro et al. (2014)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Lourinha, Portugal				
E	Maoming Basin, Guangdong, China	Tongguling	80	26.20	Zhang and Huang (1999)
E	Nanxiong Basin (or Nanxiong-Shixing Basin), Guangdong, China	Dongyuan, Nanxiong, Pingling, Yuanpu, Zhenshui, and Zhutian	65	30.35	Fang et al. (2009)
E	Sanshui-Guangzhou Basin, Guangdong, China	Sanshui	85	28.10	Zhang and Huang (1999)
E	Heyuan Basin, Guangdong, China	Nanxiong and Dongyuan	65	29.10	Zhang and Huang (1999)
E	Liguanqiao Basin, Henan, China	Sigou (or Luyemiao or Hugang)	75	36.80	Liang et al. (2009)
E	Lingbao Basin, Henan, China	Sigou (or Luyemiao or Hugang)	75	38.35	Liang et al. (2009)
E	Luanchuan, Tantou Basin, Henan, China	Quipa	65	38.55	Tanaka et al. (2011)
E	Tantou Basin, Henan, China	Sigou (or Luyemiao or Hugang)	75	38.00	Liang et al. (2009)
E	Xichuan Basin, Henan,	Majiacun	85	37.70	Zhao and Zhao

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	China				(1998)
E	Xichuan Basin, Henan, China	Sigou (or Luyemiao or Hugang)	75	37.15	Liang et al. (2009)
E	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Zhaoying	85	37.85	Fang et al. (2007)
E	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Gaogou (or Zoumagang)	90	38.60	Liang et al. (2009)
E	Western Dongting Basin, Hunan, China	Fenshuiao	80	32.80	Zeng and Zhang (1979)
E	Bayan Mandahu, Inner Mongolia, China	Djadokhta	70	44.70	Dong and Currie (1996)
E	Pingxiang Basin, Jiangxi, China	Zhoutian	80	32.00	Wang et al. (2013)
E	Ganzhou, Jiangxi, China	Nanxiong	65	31.20	Cheng et al. (2008); Ji (2009)
E	Badaohao, Heishan, Liaoning, China	Shahai	110	44.00	Zhao and Zhao (1999)
E	Laiyang-Zhucheng,	Jiangjunding	85	42.85	Zhao et al. (2013)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Shangdong, China	Formation in the Wangshi Group			
E	Laiyang-Zhucheng, Shangdong, China	Jingangkou Formation in the Wangshi Group	75	42.40	Zhao et al. (2013)
E	Tiantai Basin, Zhejiang, China	Chichengshan	90	35.80	Wang et al. (2010)
E	Tiantai Basin, Zhejiang, China	Liangtoutang	100	36.90	Jin et al. (2007)
E	Lavariya Muwada, Kheda, Gujarat, India	Lameta	65	-19.85	Mohabey (1998)
E	Kamitaki, Tamba, Hyogo, Japan	'Lower Formation' of Sasayama Group	110	49.00	Tanaka et al. (2016)
E	Northern Sayr, Nemegt, Gobi, Mongolia	Baruungoyot	75	45.15	Fanti et al. (2012)
E	Khermeen Tsav, Gobi, Mongolia	Barungoyot/ Nemegt	75	44.95	Watabe et al. (2010)
E	Ikh-Shunkht, Gobi, Mongolia	?Barun-Goyot	75	46.60	Mikhailov (1994b)
E	Bayn Shire, Gobi, Mongolia	Baynshire	85	48.00	Watabe et al. (2010)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
E	Mongot, Gobi, Mongolia	Djadokhta	70	46.40	Suzuki and Watabe (2000b)
E	Ukhaa Tolgod, Mongolia	Djadokhta	70	45.30	Norell et al. (1994; 2001)
E	Bayn Dzak, Gobi, Mongolia	Djadokhta	70	46.40	Suzuki and Watabe (2000b)
E	Bortolgoi, Gobi, Mongolia	Djadokhta	70	46.20	Watabe et al. (2010)
E	Dzamin Khond, Gobi, Mongolia	Djadokhta	70	46.30	Suzuki and Watabe (2000b)
E	Tugrikin Shire, Gobi, Mongolia	Djadokhta	70	46.50	Watabe et al. (2010)
E	Abdrant Nuru, Gobi, Mongolia	?Djadokhta	70	46.70	Watabe (2004)
E	Udan-Sayr, Gobi, Mongolia	Djadokhta	70	46.40	Mikhailov (1994b)
E	Buylyasutuin-Khuduk, Ubur-Khangay, Mongolia	Dushi Ula (Doshuul)	120	43.10	Kurzanov and Mikhailov (1989); Mikhailov (1994b)
E	Bugin-Tsav, Gobi, Mongolia	Nemegt	70	45.50	Weishampel et al. (2008)
E	Guriliyn-Tsav, Gobi,	Nemegt	70	46.10	Mikhailov (1994b)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Mongolia				
E	Khaichin Ula, Gobi, Mongolia	Nemegt	70	45.90	Suzuki and Watabe (2000b)
E	Khermeen Tsav-II, Gobi, Mongolia	Nemegt	70	45.50	Watabe et al. (2010)
E	Shar Tsav, Gobi, Mongolia	Nemegt	70	46.90	Watabe et al. (2010)
E	Tsagan-Khushu, Gobi, Mongolia	Nemegt	70	45.40	Mikhailov (1994b)
E	Yagaan Khovil, Gobi, Mongolia	?Nemegt	70	46.30	Watabe et al. (2010)
E	Busan, South Korea	Dadaepo	75	41.90	Paik et al. (2012)
E	Tongyeong, Gyeongsang, South Korea	Goseong	75	41.60	Kim et al. (2011)
E	Aphae-do, Shinan-gun, Jeollanam-do, South Korea	Gyeongsang Basin	80	41.00	Huh et al. (2014)
E	Shiwa Bay, Whaseong, Gyeonggi, South Korea	Shiwa	120	41.40	Lee (2003)
E	Teruel, Spain	Blesa	130	25.60	Canudo et al. (2010)
E	Bonneville County, Idaho, USA	Wayan	109.0–99.7	43.30	Krumenacker et al. (2016)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
E	Pancake and Fish Creek Ranges, Nevada, USA	Newark Canyon	125.5– 99.7	41.90	Bonde et al. (2015)
E	Castle Dale, Emery County, Utah	Cedar Mountain	105.3– 94.3	39.70	Zelenitsky et al. (2000)
E	Section 4 Site 7, Kitchen Locality, Sauropod Locality, Sauropod One Egg, Pond Locality, Lizard Locality, and North Horn Mountain, Emery County, Utah, USA	North Horn	70.6–66.0	47.20	Bray (1999)
E	UCM Loc. #78203, Emery County, Utah, USA	Dakota	105.3–94.3	39.70	Zelenitsky et al. (2000)
Fa	Qinglongshan, Yunxian, Hubei, China	Gaogou	90	37.70	Zhou et al. (1998)
Fa	Pingxiang Basin, Jiagxi, China	Zhoutian	80	32.00	Zou et al. (2013)
Fa	Tiantai, Zhejiang, China	Laijia	95	36.35	Zhang (2010)
Fa	Algui Ulan Tsav, Gobi, Mongolia	NA	115	44.25	Watabe et al. (2010)
Fa	Ologoy-Ulan-Tsav, Gobi,	Barungoyot	75	47.10	Sochava (1969);

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Mongolia				Mikhailov (1994a)
Fa	Bosung County, Chullanam-do Province, South Korea	Seonso	80	41.00	Huh and Zelenitsky (2002)
Fa	Coast of Sinsudo Island, Samcheonpo, South Korea	Haman	100	43.20	Paik et al. (2012)
Fa	Hanyom, Sihwa Basin, South Korea	Sihwa	120	41.50	Kim et al. (2009)
Fa	Ojo de Agua, Rio Negro, Argentina	Allen	75	-44.05	Salgado et al. (2007)
Fa	Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Allen	75	-44.85	Salgado et al. (2007)
Fa	Sanagasta, La Rioja, Argentina	Los Llanos	125	-26.10	Grellet-Tinner and Fiorelli (2010); Fiorelli et al. (2012)
Fa	Colonia, 12a. Police Section, stream Miguelete Tala, Uruguay	Asencio	95	-38.75	Mones (1980)
Fa	Quebracho, Paysandu, Uruguay	Guichon	100	-36.10	Soto et al. (2012)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Me	Douar Lgara, Tendirara High Plateaus, Morocco	Tendirara red beds	65	19.15	Chassagne-Manoukian et al. (2013)
Me	Oukdiksou syncline, Morocco	Irbzer	65	19.95	Garcia et al. (2003)
Me	TZ-07, Mbeya District, Tanzania	Galula Formation of Red Sandstone Group	105	-28.70	Gottfried et al. (2004)
Me	Rahioli and Balasinor region, Kheda, Gujarat, India	Lameta	65	-19.85	Srivastava et al. (1986)
Me	Anjar, Kachchh, Gujarat, India	Lameta	65	-18.30	Khosla and Sahni (1995)
Me	Jhabua, Madhya Pradesh, India	Lameta	65	-20.40	Khosla and Sahni (1995)
Me	Khempur, Kheda, Gujarat, India	Lameta	65	-18.30	Khosla and Sahni (1995)
Me	Dohad, Panchmahals, Gujarat, India	Lameta	65	-20.25	Mohabey and Mathur (1989)
Me	Dhar, Madhya Pradesh, India	Lameta	65	-20.80	Khosla and Sahni

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	India				(1995)
Me	Padiyal, Madhya Pradesh, India	Lameta	65	-20.95	Khosla and Sahni (1995)
Me	Jabalpur, Madhya Pradesh, India	Lameta	65	-21.55	Khosla and Sahni (1995)
Me	Amravati, Maharashtra, India	Lameta	65	-23.10	Srivastava and Mankar (2015)
Me	Chandrapur, Maharashtra, India	Lameta	65	-24.50	Mohabey (1996; 1998)
Me	Durlston Bay, Swanage, Dorset, England	Chery Freshwater Member of the Lulworth Formation	140	33.10	Ensom (1996)
Me	Aix-en-Provence region, France	NA	75	33.20	Vianey-Liaud et al. (1994)
Me	Aix-en-Provence region, France	NA	65	32.45	Vianey-Liaud et al. (1994)
Me	Aude region, France	Red Marls of Maurine	65	32.00	Fondevilla et al. (2016)
Me	Hateg Basin, Romania	Densus-Ciula	70.6–66.0	32.70	Grigorescu et al. (1994; 2010)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Me	Southern Pyrenees region (e.g., Coll de Nargo and Tremp), Spain	Aren	70	30.00	Sanz et al. (1995); Diaz-Molina et al. (2007)
Me	Southern Pyrenees region (e.g., Coll de Nargo and Tremp), Spain	Tremp	65	29.65	Vianey-Liaud and Lopez-Martinez (1997)
Me	Auca Mahuevo, Neuquen Province, Patagonia, Argentina	Anacleto	80	-42.30	Chiappe et al. (1998)
Me	Arrigada I, Salitral Ojo de Agua, Rio Negro, Argentina	Allen	75	-44.05	Salgado et al. (2007)
Me	Salitral de Santa Rosa-Salinas de Trapalco, Rio Negro, Argentina	Allen	75	-44.85	Salgado et al. (2007)
Me	Bajo de Arriagada, Patagonia, Rio Negro, Argentina	Allen	75	-44.00	Genise and Sarzetti (2011)
Me	Neuquen, Neuquen, Patagonia, Argentina	Rio Colorado	85	-43.85	Calvo et al. (1997)
Me	Sierra de Los Llanos, La	Los Llanos	80	-35.50	Hechenleitner et al.

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Rioja, Argentina				(2016); Basilici et al. (2017)
Me	Baruru Basin, Marilia County, San Paulo State, Brazil	Marilia	65	-29.95	Ribeiro (2002)
Me	Laguna Umayo, Bagua Basin, Peru	Fundo El Triunfo	75	-21.10	Vianey-Liaud et al. (1997; 2003)
Pre	Casal da Rola, near Lourinha, Portugal	Lourinha	150	28.60	Ribeiro et al. (2014)
Pre	Pai Mogo, Lourinha, Portugal	Lourinha	150	28.40	Mateus et al. (1997); Antunes et al. (1998)
Pre	Freemont County, Colorado, USA	Morrison	155.7–145.5	34.00	Zelenitsky (2004)
Pre	Delta and Montrose County, Colorado, USA	Morrison	155.7–150.8	33.70	Hirsch (1994)
Pre	Cleveland-Lloyd Dinosaur Quarry, Emery County, Utah, USA	Morrison	155.7–150.8	34.90	Hirsch et al. (1989); Hirsch (1994)
Pre	Fox Mesa, Wyoming, USA	Morrison	155.7–145.5	40.30	Carrano et al. (2013)
Pri	Oukdiksou syncline,	Irbzer	65	19.95	Garcia et al. (2003)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Morocco				
Pri	Heyuan Basin, Guangdong, China	Dongyuan	65	29.10	Lü et al. (2006); Tanaka et al. (2012)
Pri	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Majiacun (or Zhaoying)	85	37.85	Liang et al. (2009)
Pri	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Gaogou	90	38.60	Wang and Zhou (1995)
Pri	Hejiagou, Yunxian, Hubei, China	Gaogou	90	37.70	Zhou et al. (1998)
Pri	Bayan Mandahu, Urad Houqi, Inner Mongolia, China	Djadokhta	70	44.70	Zhao and Li (1993)
Pri	Ganzhou, Jiangxi, China	Nanxiong	65	31.20	Tanaka pers. obs. at Ganzhou Museum, Jiangxi Province, China
Pri	Tiantai Basin, Zhejiang, China	Chichengshan and Laijia	95	36.35	Fang et al. (2000; 2003); Wang et al.

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
					(2011)
Pri	Tiantai Basin, Zhejiang, China	Liangtoutang	100	36.90	Varricchio et al. (2015)
Pri	Kamitaki, Tamba, Hyogo, Japan	'Lower Formation' of Sasayama Group	110	49.00	Tanaka et al. (2016)
Pri	Khermin-Tsav, Gobi, Mongolia	Barun-Goyot	75	45.25	Mikhailov (1994b)
Pri	Baga-Tariach, Gobi, Mongolia	Dzhadokhta	70	48.90	Mikhailov (1994b)
Pri	Tugrikin Shire, Gobi, Mongolia	Djadokhta	70	46.50	Watabe et al. (2010)
Pri	Zhinst Tolgoi, Udyn Sayr, Gobi, Mongolia	Djadokhta	70	46.40	Suzuki and Watabe (2000a)
Pri	Bayn Dzak, Gobi, Mongolia	Djadokhta	70	46.50	Watabe et al. (2010)
Pri	Khashaat, Gobi, Mongolia	Dzhadokhta	70	46.50	Sabath (1991)
Pri	Altan Ula IV, Gobi, Mongolia	Nemegt	70	45.50	Sabath (1991)
Pri	Kakanaut, Koryak Upland, Chukotka Autonomous Region, Russia	Kakanaut	65	76.70	Godefroit et al. (2009)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Pri	Herault region, France	Villeveyrac-Meze Basin	75	32.85	Garcia et al. (2000)
Pri	Aix-en-Provence region, France	NA	75	32.95	Garcia et al. (2000)
Pri	Teruel, Spain	Belsa	130	25.60	Canudo et al. (2010); Moreno-Azanza et al. (2014b)
Pri	Southern Pyrenees region (e.g., Coll de Nargo and Tremp), Spain	Tremp	65	29.65	Vianey-Liaud and Lopez-Martinez (1997)
Pri	Southern Pyrenees region (e.g., Coll de Nargo and Tremp), Spain	Aren	70	30.00	Lopez-Martinez and Vicens (2012)
Pri	Dinosaur Provincial Park, Alberta	Dinosaur Park	75	57.05	Zelenitsky and Sloboda (2005)
Pri	Devil's Coulee, Alberta, Canada	Oldman	75	56.05	Zelenitsky and Hills (1996)
Pri	Todd Creek area, Alberta Canada	Willow Creek	65	55.65	Zelenitsky et al. (2017b)
Pri	Verdigris Coulee, Alberta,	Milk River	85	54.35	Zelenitsky et al.

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Canada				(2017a)
Pri	Near Choteau, Teton County, Montana; Glacier County, Montana, USA	Two Medicine	75	54.55	Varricchio et al. (2002)
Pri	First Find Microsite, Sevenmile Hill outcrops, Teton County, Montana, USA	Two Medicine	80	54.00	Jackson and Varricchio (2010)
Pri	Hill County, Montana, USA	Judith River	75	54.75	Jackson et al. (2010)
Pri	Bone Hill Locality, Red Rock Locality, Teton County, Montana; Glacier County, Montana, USA	Two Medicine	85	53.10	Hirsch and Quinn (1990)
Pri	NMMNH L-4010, Bisti/Denazin Wilderness area, San Juan Basin, New Mexico, USA	Fruitland	84.9–70.6	43.60	Tanaka et al. (2011)
Pri	Lizard and Sauropod localities, Emery County, Utah, USA	North Horn	70.6–66.0	47.20	Bray (1999)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Pri	UCM L79059, Mudbank Site 1.2, Emery County, Utah, USA	North Horn	70.6–66.0	46.10	Bray (1999)
Pri	El Pantano, Coahuila, Mexico	Cerro del Pueblo	84.9–70.6	31.80	Aguillon-Martinez et al. (2004)
Sp	Heyuan Bsin, Guangdong, China	Nanxiong	65	29.10	Zhang and Huang (1999)
Sp	Maoming Basin, Guangdong, China	Tongguling	80	25.65	Zhang and Huang (1999)
Sp	Nanxiong Basin (or Nanxiong-Shixing Basin), Guangdong, China	Nanxiong and Pingling	65	30.35	Zhang and Huang (1999)
Sp	Sanshui-Guangzhou Basin, Guangdong, China	Sanshui	90	28.80	Zhang and Huang (1999)
Sp	Sanshui-Guangzhou Basin, Guangdong, China	Baihedong Group	125	26.25	Zhang and Huang (1999)
Sp	Loushan Basin, Henan, China	Majiacun (or Zhaoying)	85	37.25	Liang et al. (2009)
Sp	Wulichuan Basin, Henan, China	Majiacun (or Zhaoying)	85	38.35	Liang et al. (2009)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Sp	Wulichuan Basin, Henan, China	Gaogou (or Zoumagang)	90	39.00	Liang et al. (2009)
Sp	Xiaguan Basin, Henan, China	Majiacun (or Zhaoying)	85	37.90	Liang et al. (2009)
Sp	Xichuan Basin, Henan, China	Majiacun (or Zhaoying)	85	37.70	Liang et al. (2009)
Sp	Xichuan Basin, Henan, China	Gaogou (or Zoumagang)	90	38.40	Liang et al. (2009)
Sp	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Majiacun (or Zhaoying)	85	37.85	Liang et al. (2009)
Sp	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Gaogou (or Zoumagang)	90	38.60	Liang et al. (2009)
Sp	Xixia Basin (or Xinping-Chimei Basin), Xixia, Henan, China	Sigou (or Luyemiao or Hugang)	75	37.25	Liang et al. (2009)
Sp	Yangji Basin, Henan, China	Majiacun (or Zhaoying)	85	38.10	Liang et al. (2009)
Sp	Qinglongshan, Yunxian,	Gaogou	90	37.70	Zhou et al. (1998)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Hubei, China				
Sp	Changtu, Liaoning, China	Quantou	110	45.40	Liu et al. (2013)
Sp	Laiyang-Zhucheng, Shandong, China	Jiangjunding Formation in the Wangshi Group	85	42.85	Young (1965); Zhao and Jiang (1974)
Sp	Laiyang-Zhucheng, Shandong, China	Jingangkou Formation in the Wangshi Group	75	41.25	Zhao et al. (2013)
Sp	Tiantai Basin, Zhejiang, China	Chichengshan and Laijia	95	36.35	Fang et al. (2003; 2000); Wang et al. (2011)
Sp	Kholdoda and Chandrapur, Maharashtra, India	Lameta	65	-22.45	Mohabey (1996; 2001)
Sp	Kamitaki, Tamba, Hyogo, Japan	'Lower Formation' of Sasayama Group	110	49.00	Tanaka et al. (2016)
Sp	Shiluut Ula, Gobi, Mongolia	Barungoyot	75	45.20	Watabe et al. (2010)
Sp	Abdrant Nuru, Gobi, Mongolia	?Djadokhta	70	46.60	Watabe (2004)
Sp	Baga-Tariach, Gobi,	Djadokhta	70	48.90	Mikhailov (1994a)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Mongolia				
Sp	Bortolgoi, Gobi, Mongolia	Djadokhta	70	46.20	Watabe et al. (2010)
Sp	Dzamin Khond, Gobi, Mongolia	Djadokhta	70	46.30	Watabe et al. (2010)
	Mongolia				
Sp	Dragon's Tomb' dinosaur locality, Gobi, Mongolia	Nemegt	70	45.40	Dewaele et al. (2015)
Sp	Shar Tsav, Gobi, Mongolia	Nemegt	70	46.80	Watabe et al. (2010)
Sp	Yagaan Khovil, Gobi, Mongolia	?Nemegt	70	46.20	Watabe et al. (2010)
	Mongolia				
Sp	Kakanaut, Koryak Upland, Chukotka Autonomous Region, Russia	Kakanaut	65	76.70	Godefroit et al. (2009)
Sp	Bosung, Chullanam-do, South Korea	Seonso	80	41.00	Huh and Zelenitsky (2002)
Sp	Goseong, South Korea	Goseong	75	41.60	Paik et al. (2012)
Sp	Teruel, Spain	Blesa	130	25.60	Moreno-Azanza et al. (2014a)
Sp	Teruel, Spain	Camarillas, Marambel, and Upper El Castellar	130	25.50	Moreno-Azanza et al. (2014a)

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
Sp	Southern Pyrenees region (e.g., Coll de Nargo and Tremp), Spain	Tremp	65	29.65	Sellés et al. (2014)
Sp	Dinosaur Provincial Park, Alberta	Dinosaur Park and Oldman	75	57.05	Zelenitsky and Sloboda (2005)
Sp	Devil's Coulee, Alberta, Canada	Oldman	75	56.05	Zelenitsky and Hills (1997)
Sp	Knight's Ranch, Alberta, Canada	Oldman	75	55.95	Zelenitsky and Hills (1997)
Sp	Whiskey Gap area and Todd Creek area, Alberta Canada	Willow Creek	65	55.65	Zelenitsky et al. (2017b)
Sp	Verdigris Coulee, Alberta, Canada	Milk River	85	54.35	Zelenitsky et al. (2017a)
Sp	Near Choteau, Teton County, Montana, USA	Two Medicine	75	54.55	Horner and Makela (1979)
Sp	Sevenmile Hill, Teton County, Montana, USA	Two Medicine	80	54.00	Jackson and Varrichhio (2010)
Sp	Blacktail Creek, Glacier County, Montana, USA	Two Medicine	75	55.35	Horner and Currie (1994)
Sp	One Place Locality, Red	Two Medicine	85	53.10	Hirsch and Quinn

Ootaxon	Locality	Formation	Approximate age (Ma)	Approximate paleolatitude (°)	Example of references
	Rock Locality, Teton County, Montana; Glacier County, Montana				(1990)
Sp	Lizard Locality, Emery County, Utah, USA	North Horn	70.6–66.0	47.20	Bray (1999)
Sp	El Pantano, Coahuila, Mexico	Cerro del Pueblo	84.9–70.6	31.80	Aguillon-Martinez et al. (2004)

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