

Supplementary Data 3—Age profile skeletal data for *Edmontosaurus*

Skeletal element	Length (cm)	Liscomb Bb	% Adult	Source	Growth stage ¹
COMPLETE SKULL:					
<i>E. regalis</i>	111.4		100	Lambe, 1920; Lull & Wright, 1942: GSC H.T. #2288	A
<i>E. regalis</i>	117.0		100	Lull & Wright, 1942: USNM #12711;	A
<i>E. annectens</i>	110.5		100	UCMP #128372	A
<i>E. annectens</i>	<u>97.0</u>		100	Lull & Wright, 1942; Brett-Surman, 1989: YPM	A
	109.0 ²			#2182	
		40.0	37.0		LJ
SELECT SKULL ELEMENTS:					
Quadrate:					
<i>E. regalis</i>	42.0		100	Lull & Wright, 1942: GSC H.T. #2288	A
<i>E. annectens</i>	38.0		100	Lull & Wright, 1942: USNM H.T. #2414	A
<i>E. annectens</i>	34.5		100	Lull & Wright, 1942: YPM P.T. #2182	A
<i>E. annectens</i>	<u>32.0</u>		100	Brett-Surman, 1989; Weishampel et al., 2004:	
	36.6			AMNH H.T. #5730	A
		8.8–16.9	24.0–46.2		LEJ-LJ
LOWER JAW DENTARY:					
<i>E. regalis</i>	68.0 ³		100	Lambe, 1920:GSC #2289	A
<i>E. annectens</i>	71.0±		100	Lull & Wright, 1942: USNM H.T. #2414	A
<i>E. annectens</i>	<u>80.0±</u>		100	Lull & Wright, 1942; Weishampel et al., 2004:	
	73.0			AMNH H.T. #5730	A
		17.5–28.2	23.9–38.6		LEJ-LJ
SELECT LIMB ELEMENTS:					
Femur:					
<i>E. regalis</i>	124.0		100	Lull & Wright, 1942: ROMP # 5167	A
<i>E. regalis</i>	96.5		100	Brett-Surman, 1989: ROM #867	A
<i>E. annectens</i>	105.3		100	Brett-Surman, 1989: YPM P.T. #2182	A

<i>E. annectens</i>	<u>113.5</u> 109.8	100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH H.T. #5730	A
		36.0–53.0	32.8–48.3	LEJ-LJ
Tibia				
<i>E. regalis</i>	100.0	100	Lull & Wright, 1942: ROMP #5167	A
<i>E. regalis</i>	90.2	100	Brett-Surman, 1989: ROM #867	A
<i>E. annectens</i>	94.7	100	Brett-Surman, 1989: YPM P.T. #2182	A
<i>E. annectens</i>	<u>94.0</u> 94.7	100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH H.T. #5730	A
		36.0–51.0	38.0–53.8	LJ
Metatarsus III				
<i>E. regalis</i>	41.0	100	Lull & Wright, 1942: ROMP#5167	A
<i>E. regalis</i>	33.0	100	Brett-Surman, 1989: ROM #867	A
<i>E. annectens</i>	27.6	100	Brett-Surman, 1989: YPM P.T. #2182	A
<i>E. annectens</i>	<u>43.0</u> 36.1	100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH H.T. #5730	A
		8.6–16.7	23.8–46.3	LEJ-LJ
Ulna				
<i>E. regalis</i>	77.0	100	Lull & Wright, 1942: ROMP #5167	A
<i>E. annectens</i>	60.0	100	Brett-Surman, 1989: YPM P.T. #2182	A
<i>E. annectens</i>	<u>69.0</u> 68.7	100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH H.T. #5730	A
		20.0–31.3	29.1–45.6	LEJ-LJ
Humerus				
<i>E. regalis</i>	65.0	100	Lull & Wright, 1942: ROMP #5167	A
<i>E. annectens</i>	59.0	100	Brett-Surman, 1989: YPM P.T. #2182	A
<i>E. annectens</i>	<u>67.0</u> 63.7	100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH H.T. #5130	A
		20.4–30.4	32.0–47.7	LEJ-LJ
SELECT GIRDLE ELEMENTS				
Ilium				
<i>E. regalis</i>	126.0	100	Lull & Wright, 1942: ROMP #5167	A
<i>E. annectens</i>	<u>116.0</u>	100	Brett-Surman, 1989: DMNH #1493	A

Scapula	121.0	28.2–44.0	23.3–36.4		LEJ-LJ
<i>E. regalis</i>	80.0		100	Brett-Surman, 1989: ROM #867	A
<i>E. annectens</i>	86.0		100	Lull & Wright, 1942: YPM P.T. #2182	A
<i>E. annectens</i>	97.0		100	Lull & Wright, 1942: USNM H.T. #2414	A
<i>E. annectens</i>	<u>95.0</u>		100	Brett-Surman, 1989; Weishampel et al., 2004: AMNH #5730	A
	89.5	27.0–44.0	30.2–49.2		LEJ-LJ

¹A=Adult, LJ= Late Juvenile, LEJ= Late Early Juvenile: Main categories of somatic maturity or age after Horner et al, 2000. Late Early Juvenile a modification based on interval between early juvenile and late juvenile stages.

² Computed arithmetic mean.

³ Measurement taken from Figure 21. ± subsequent adjustments based on initial measurement.