

Table 50.14. Summary of macaw remains from Salmon Ruin.¹

Macaw Remains	Room 33 Primary <i>Ara</i> sp. 11–12 mos.	Room 33 Primary <i>Ara</i> sp. 4–11 mos.	Room 42 Unknown <i>Ara</i> sp. 4–11 mos. ²	Room 42 Unknown <i>Ara</i> sp. 4–11 mos.	Room 86 Primary <i>Ara</i> sp. Unknown	Room 91 Mixed Strata <i>A. macao</i> 1–3 years	Room 100 Primary <i>A. militaris?</i> 1–3 years	Room 129 Mixed Strata <i>A. militaris?</i> 1–3 years
Head								
Cranium	–	–	–	–	–	X	X	X
Beak, premaxilla	–	–	–	–	X	X	X	X
Beak, mandible	–	–	–	X	–	X	X	X
Quadrate	–	–	–	L	–	R	L	–
Palatine	–	–	–	–	L	L/R	frag.	L/R
Jugal	–	–	–	–	L	L/R	–	–
Pterygoid	–	–	–	–	–	L/R	–	–
Basihyal–basibranchial	–	–	–	–	–	X	–	X
Furcula	–	–	–	–	–	X	X	–
Tracheal rings	–	–	–	–	–	X	–	X
Body								
Atlas	–	–	–	–	–	–	–	–
Axis	–	–	–	–	–	X	X	–
Cervical vertebra	–	–	2	2	–	9	10	2
Thoracic vertebra	–	–	–	1	–	6	4	–
Lumbar vertebra	–	–	–	–	–	–	–	–
Synsacrum	X unfused	–	X	–	–	–	–	–
Pelvis	L/R unfused	–	–	X	–	X	X	–
Caudal vertebra	4	–	2	–	–	3	5	–
Pygostyle	–	–	X	–	–	X	–	–
Sternum	4 fragments	–	–	–	–	X	fragments	1 frag.
Coracoid	–	L	R	L/R	–	L/R	L/R	–
Scapula	–	–	R	R	–	L/R	L/R	–
Ribs	4 fragments	–	3	2	–	17 ribs & frags.	12 frags.	3

Table 50.14 (continued)

Macaw Remains	Room 33 Primary <i>Ara</i> sp. 11–12 mos.	Room 33 Primary <i>Ara</i> sp. 4–11 mos.	Room 42 Unknown <i>Ara</i> sp. 4–11 mos. ²	Room 42 Unknown <i>Ara</i> sp. 4–11 mos.	Room 86 Primary <i>Ara</i> sp. Unknown	Room 91 Mixed Strata <i>A. macao</i> 1–3 years	Room 100 Primary <i>A. militaris?</i> 1–3 years	Room 129 Mixed Strata <i>A. militaris?</i> 1–3 years
Wings								
Humerus	R	–	R	L	–	L/R	L/R	L
Radius	–	–	L/R	L	–	L/R	L/R	L
Ulna	R	–	L/R	R	–	L/R	L/R ⁵	L
Scapholunar	–	–	–	–	L	L/R	L/R	–
Cuneiform	–	–	–	–	–	L/R	L/R	L
Carpometacarpus	–	–	L/R	–	–	L/R ³	L/R	L
Pollex	–	–	–	–	–	X	–	–
Phalanx 1	–	–	L/R	R	–	R ⁴	L/R	–
Phalanx 2	–	–	–	–	–	L/R ⁴	L/R	–
Legs								
Femur	R	–	L/R	L/R	–	L/R	L/R	–
Tibiotarsus	L/R	Rimmature	L	R	–	L/R	L	–
Fibula	L/R	–	–	–	–	L/R	L/R	–
Tarsometatarsus	L/R	–	–	L/R	–	L/R	L	–
Pedal phalanges	9	–	–	–	–	17	5	–
Ungual phalanges	3	–	–	–	–	1	4	–

¹One other macaw skeleton was present in the doorway between Rooms 97 and 100 (Primary period). Photos taken during excavation make it clear that it does not match any of the skeletons listed here.

²Bones from this macaw were covered in red ochre.

³Left side shows unusual bony growth on its proximal end.

⁴These two phalanges are fused together at their common joint.

⁵Left ulna shaft roughened as in Hargrave (1970:35, Fig. 17b). Right ulna has large bony knob on shaft.

⁶Two unnamed elements were removed in July, 1996, for DNA analysis by OAS, Museum of New Mexico.