

DENDROCHRONOLOGY SPECIMENS FROM N.S. DE GUADALUPE,
 CIUDAD JUAREZ, CHIHUAHUA
 30 Nov.-2 Dec. 1968

Collected by Thomas Harlan and Rex E. Gerald

(Numbers and letters refer to plans and elevations of the Mission prepared by Arquitecto Felipe Lacouture F. unless otherwise indicated.)

- | | | |
|----------------------------|--|----------------------|
| #1. core, fragment. ✓
2 | #24. Core | #46. |
| 2. core. | 25. Core | 47. core. |
| 3. CORE | 26. Core | 48. |
| 4. core. | 27. Core | 49. core. |
| 5. core. | 28. Core | 50. |
| 6. core, fragment. ✓
2 | 29. Core | 51. |
| 7. core, fragment. ✓
2 | 30. core. | 52. |
| 8. core, fragment. ✓
2 | 31. core. | 53. |
| 9. CORE | 32. core. | 54. |
| 10. Core | 33. core, squared. | 55. |
| 11. Core | 34. | 56. |
| 12. Core | 35. | 57. |
| 13. fragment, ✓ Core | 36. fragment,
cross-section. ✓
A+B | 58. |
| 14. Core | 37. | 59. |
| 15. Core | 38. | 60. |
| 16. Core | 39. | 61. ?
CORE |
| 17. fragment, ✓ Core | 40. fragment. ✓ | 62. cross-section. ✓ |
| 18. Core | 41. | 63. core. |
| 19. Core, frag. 2 ✓ | 42. | 64. core. |
| 20. Core | 43. fragment. ✓ | 65. core. |
| 21. | 44. cross-section, ✓
over Apse arch. | 66. core. |
| 22. | 45. fragment, under ✓
vigas at W end of
clerestory, over
#44. | 67. core. |
| 23. | | 68. core. |

N.S. de Guadalupe, Cd. Juarez, Dendro. 2.

#69. core.	#95.	#106 ✓	cross-section of beam in wall above middle door in N wall and ca. 4m above the mission floor (sent to Tucson in Oct.)
70. core.	96.		
71. core.	97.		
72. core.	98.		
73. core.	99.		
74. core. Squared beam found inside Mission and probably removed from wall. Bark is present in fork of bole.	100.	#107-112 ✓	X-SECTS
75.	101.	2	
76. fragment. Found on roof on N side of Apse. ✓	102.		
77. fragment. " " " " ✓	103.		
78. fragment. " " " " ✓	104.		
79. fragment. " " " " ✓	105. core. Cottonwood, Vertical rod supporting stairs. Clerestory		
80. core. Tower, bottom step.	117A. X-sect	129 P.	Cross-section.
81. core. "	117B. fragment. 1+2	130 Q.	fragment, cross-section. 1+2
82. core. "	117C. fragment.	131 R.	fragment, 2 Cross-sections. 1+2
83. core. "	117D.	132 S.	
84. core. "	117E.		
85. core. "	118F. Core.		
86. core. "	119 G. Core		
87. core. "	120 H. X-sect		
88. core. ", cottonwood.	121 I. core.		
89. core. ", cottonwood.	122 J.		
90.	123 K. core.		
91.	124 L.		
92.	125 M. X-SECT		
93.	126 N. core.		
94.	127 N.		
	128 O.		

Notes:

- #44. Beam, partially squared, above arch over E end of Nave. Carved.
- 45. Beam, parallel to and ca. 3 feet above #44. Squared. Supporting the corbels under the beams at the W end of the clerestory.
- 62. Butt end of beam with wire nails. Probably from clerestory area.
- 63. Board placed between corbel and #5 to raise the smaller, uncarved replacement beam to the height of the old beam it replaced.

Summary: Dendro samples were obtained from 54 pine beams and 3 cottonwood beams. These specimens should give approximate dates for the construction of the roof of the Mission, repair of the roof, and for the construction of the Mission bell tower which does not show on the Urrutia plan of 1766. In the event that these timbers grew in the El Paso area these samples will provide a valuable climatic record.