Contents:

1. The 1982 Field Season
   Deborah L. Nichols and Clifton W. Sink

2. A Summary of Prehistoric Research on Northern Black Mesa
   Deborah L. Nichols and F. E. Smiley

3. Prehistoric Site Excavations, 1982
   Arizona D:7:2085
   Deborah I. Olszewski, Margaret C. Trachte, and Rhonda M. Kohl
   Arizona D:7:2090
   Shelley J. Smith
   Arizona D:7:2103
   Deborah I. Olszewski, Rhonda M. Kohl, Margaret C. Trachte, and
   Steven J. Gumerman
   Arizona D:7:3119
   Elizabeth O. Wills and Jo Ellen Miles
   Arizona D:7:3141
   Margaret MacMinn, Helen O'Brien, and Elizabeth S. Word
   Arizona D:7:3144
   Galen R. Burgett
   Arizona D:11:2023
   Deborah I. Olszewski
   Arizona D:11:2025
   Glenn Davis Stone
   Arizona D:11:2027
   Deborah I. Olszewski, Margaret C. Trachte, and Rhonda M. Kohl
   Arizona D:11:2038
   Glenn Davis Stone, C. Michael Barton, and Anne F. Cunningham
   Arizona D:11:2045
   Shelley J. Smith and Jo Ellen Miles
   Arizona D:11:2051
   Glenn Davis Stone, C. Michael Barton, and Anne F. Cunningham
   Arizona D:11:2062
   Clifton W. Sink, Joni Manson, Brenda J. Baker, and James K. Feathers
   Arizona D:11:2063
   Robert D. Leonard, David A. Jessup, and Janet E. Belser
   Arizona D:11:2108
   Clifton W. Sink, Brenda J. Baker, James K. Feathers, Greg Reed, and
   James Carucci
   Arizona D:11:2126
   Wirt H. Wills, Elizabeth S. Word, Joni Manson, and Heather Trigg
   Arizona D:11:2127
   Cathy J. Lebo
   Arizona D:11:3017
   Cathy J. Lebo, Margaret MacMinn, and Helen O'Brien
   Arizona D:11:3063
   Cathy J. Lebo and Margaret MacMinn
   Arizona D:11:3127
   Shelley J. Smith and Raymond Mauldin
   Arizona D:11:3131
   Wirt H. Wills, Elizabeth S. Word, and Galen Burgett
   Arizona D:11:3133
   Robert D. Leonard, Janet E. Belser, David A. Jessup, and James
4. Historic Site Investigations, 1982
   Thomas R. Rocek
   Arizona D:11:36
   Thomas R. Rocek
   Navajo Sites Investigated in the N-9 Mining Area
   Brian Haley and Robert J. Dunlavey
   Navajo Sites Investigated in the N-11 Mining Area
   Brian Haley
   Navajo Sites Investigated in the J-1/N-6, J-3, J-4, and Black Mesa Mine Complex
   Linda S. Nuss
   Navajo Sites Investigated in the J-2 Mining Area
   Thomas R. Rocek
   Navajo Sites Investigated in the J-5/6-11/12 Mining Area
   Laura K. Michalik
   Navajo Sites Investigated in the J-8 Mining Area
   Brian D. Haley and Byron M. Estes
   Navajo Sites Investigated in the J-9 Mining Area
   Robert J. Dunlavey and Brian D. Haley
   Navajo Sites Investigated in the J-10 Mining Area
   Byron M. Estes, Kelley Hays, and Elizabeth Nelson
   Navajo Sites Investigated in the J-13/14 Mining Area
   Michele Semé and Jon E. Joha
   Navajo Sites Investigated in the J-15 Mining Area
   Laura K. Michalik
   Navajo Sites Investigated in the J-27 Mining Area
   Byron M. Estes, Kelley A. Hays, and Sabrina Hardenbergh

5. Rock Art of Northern Black Mesa
   Kelley A. Hays

Appendixes

A. Sites Mitigated in 1982

B. Magnetic Survey Results, 1982
   Robert Huggins

C. Soils and Geomorphology of Excavated Sites, 1982
   Eric T. Karlstrom

D. Radiocarbon Determinations, 1982

E. Dendrochronological Determinations, 1982

F. Archaeomagnetic Dating Results, 1982
   F. E. Smiley, Jeffrey L. Eighmy, and J. Holly Hathaway

G. Ethnobotanical Recovery, 1982: Summary of Analysis and Frequency Tables
   Gail Wagner, Tristine Smart, Richard I. Ford, and Heather Trigg

H. Ceramic Artifacts from Excavated Sites, 1982
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Authors/Contributors</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td>Chipped Stone Artifacts from Excavated Sites, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Morphological Analysis of Black Mesa Chipped Stone Artifacts, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Catherine N. Cameron</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Edge Damage Analysis of Black Mesa Chipped Stone Artifacts, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Susan E. Bearden</em></td>
<td></td>
</tr>
<tr>
<td>J.</td>
<td>Groundstone Artifacts from Excavated Sites, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>JoAnne M. Penny, Katharine W. Fernstrom, and Monica M. Bargielski</em></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td>Shell and Perishable Artifacts from Excavated Sites, 1982</td>
<td></td>
</tr>
<tr>
<td>L.</td>
<td>Osteological Remains from Excavated Sites, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Ann L. Magennis and Debra L. Martin</em></td>
<td></td>
</tr>
<tr>
<td>M.</td>
<td>Faunal Remains from Excavated Sites, 1982</td>
<td></td>
</tr>
<tr>
<td>N.</td>
<td>Historic-Period Artifacts, 1982</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Lori B. Jacobi</em></td>
<td></td>
</tr>
<tr>
<td>O.</td>
<td>Glossary of Plant Names</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>JoAnne M. Penny</em></td>
<td></td>
</tr>
</tbody>
</table>