

# PROGRAM

REF epartment of Anthropology Conference Museum of Anthropology MAC Beloit College 1995 Beloit, Wis. ARCHIVES Office of the State Archaeologist The University of Iowa Iowa City, IA 52242

REF Conference MAC 1995 b

# WELCOME

## to the Fortieth Midwest Archaeological Conference

#### at

#### Beloit College and the Holiday Inn of Greater Beloit Beloit, Wisconsin and South Beloit, Illinois 25-28 October 1995

The Logan Museum of Anthropology and the Department of Anthropology of Beloit College wish to extend a warm welcome to you. The conference celebrates the one-hundredth anniversary of our Logan It also celebrates a major re-Museum. modeling of that museum and of the classrooms and laboratories of the Anthropology Department. We are also using this conference as an opportunity to pay tribute to Dr. Ronald J. Mason, who is retiring from his undergraduate teaching career at our sister institution, Lawrence University. We sincerely hope that the conference will be profitable and pleasurable for you.

#### About Beloit College

The College was granted a charter in 1846 by the legislature of the Territory of Wisconsin (Wisconsin was admitted to statehood in 1848). The College was thoughtfully and carefully sited in the midst of a number of prehistoric mounds of the Effigy Mound Culture (A.D. 700-1250). The first building, Middle College, was begun in 1847, making it the oldest academic building to the north and west of Chicago. The curriculum of the College was modeled after that of Yale and, in 1851, it graduated its One of these three first first students. alumnae was a famous archaeologist, Stephen Dennison Peet. Today, Beloit College is an outstanding small, private, liberal arts institution and is dedicated to experiential learning, interdisciplinary studies, and a world-wide cross-cultural international experience for its students.

Currently, about 1100 students are enrolled. The Anthropology Department offers a traditional four-field curriculum, has about 75 majors, and is nationally recognized for its outstanding undergraduate program.

## About Logan Museum and the Wright Museum of Art

The Museum was founded in 1895 by Frank G. Logan when he donated the Horatio N. Rust collection to the College. These artifacts had been on exhibit at the World Columbian Exposition in Chicago. Gathering around this nucleus are other ethnographic and archaeological collections. including excavated materials from northern Wisconsin, the American Southwest (especially Mimbres materials), the northern North American Great Plains, Southwestern Wisconsin, European Middle and Upper Paleolithic, Mexico, and North African Neolithic. The Museum also houses archaeological and ethnographic materials from the Great Lakes, Plains, American Southwest, Central American, Upper Amazon, and the Andean area of South America.

The Museum is housed in Memorial Hall, which was built in 1867 as a tribute to Beloit area residents who died in the Civil War. Today, the newly-remodeled building features an innovative open storage facility in a central glass "cube", modern environmental control in all storage and exhibit areas, and, for the first time in one hundred years, a functioning archaeological laboratory. The facilities and collections of the Museum serve the Anthropology Majors as well as those students who are enrolled in our Museum Studies Interdisciplinary Minor.

Henry Moy ('78)\* serves as Director of both the Logan Museum of Anthropology and the Wright Museum of Art, which houses collections which include historic photographs, European and American graphics, paintings and sculpture, and Asian decorative arts including Imperial Chinese robes, Korean celadon ceramics, and Japanese sagemono and Porcelains. The Wright Art Museum also serves the College's Art and Art History Majors and is located a few steps west of the Logan Museum. Like Logan Museum, the Wright Museum also welcomes the casual visitor, visiting scholars, and both have significant programs of outreach to the broader Beloit Community.

We cordially invite you to visit our museums and to walk among the Effigy Mounds. Welcome to our Campus.

#### Registration and Check-in

It is necessary to register for the Conference. For those who have not preregistered, the cost of the conference is \$30.00, payable to "MAC". For those of you who have preregistered, please stop by the registration table to pick up your conference packet.

There will be a registration table adjacent to the Front Desk of the Holiday Inn, beginning at 9:00 a.m. on Wednesday, October 25. Registration will continue in the Great Hall from 8:00 to 5:00 on Thursday and Friday. A limited number of Banquet Tickets (@ \$20.00) are still available, so check at the registration table if you want to attend.

## **Book Sales**

Book Vendors will have tables set up in the **Pacific Area** of the **Holiday Inn** on Thursday and Friday of the Conference.

#### **Other Events**

The American Players Theatre presents Shakespeare's **Twelfth Night** on Wednesday evening at the Neese Theatre on the Beloit College Campus.

Your conference packet includes information on Beloit's urban and waterfront renewal project, **Beloit 2000**. This area is adjacent to the northern edge of the Beloit College campus, and provides a quiet and scenic waterfront perspective on the Rock River. Wild ducks and Canada geese are present in large numbers and are entertaining to young and old alike. Your conference packet also includes a listing of Beloit's **Antique Shops**, for those who like to buy or just browse.

You might also want to visit the **Bartlett** Museum, including the Bartlett House itself (1846), and view artifacts that document the history of the Beloit area.

NOTE: An asterisk (\* \* ") after a date in this program indicates the year that this person graduated from Beloit College

## **Conference Schedule**

Wednesday

9:00 - 5:00 Open House at Logan Museum. Archaeological collections from European Upper Paleolithic, Wisconsin North Lakes, and the Southwestern Wisconsin Gottschall Site will be laid out on tables in the new Archaeology Laboratory in the basement of the William Simpson Godfrey Building. Please come and take a look. Also, additional table space is available for your artifacts.

10:00 - 5:00 Late Woodland Roundtable . An informal discussion of Late Woodland developments in the Upper Mississippi River Valley has been organized by William Green, Iowa State Archaeologist. This "brain-storming" session will be held in the Mathers Room, in Pearsons Hall, on the Beloit College Campus (a map of the campus is provided in your registration materials).

5:00

<u>Happy Hour.</u> You are invited to come to the Logan Museum for beer and "munchies" and to meet with all of the other "early birds" at the conference. Thursday - Session 1 - Sacramento Room

- Great Lakes/Midwest Culture History I Paleoindían and Archaic Chair: James A. Clark
- 8:00 Clark, James A., Jr. The Lake Poygan Phase: A Late Paleoindian Manifestation in East Central Wisconsin.
- 8:20 Meinholz, Norman, and Steven Kuehn. Late Paleoindian Ceremonialism in the Western Great lakes: New Information from the Deadman Slough Site.
- 8:40 Barrish, Barbara L. The Paleo Crossing Site: Fluted Point Typology and Chronology

## 9:00 Break

- 9:20 Tankersley, Kenneth B. Early Paleoindian Geochronology and Climate Change in the Eastern Great Lakes Region
- 9:40
- Tankersley, Kenneth B. The Origins of Clovis

10:00

Angst, Michael, Donald R. Cochrane, and James A. Mohow. McCullough's Run (12B1036): Two Bifurcate Tradition Cremations from South Central Indiana.

10:20 Break

Early, Middle, and Late Woodland Chair: Robert F. Boszhardt

10:40

Kullen, Douglas and Lynn Gierek. Specialized Biface Production and Non-economic Behavior in the Uplands of Northern Illinois. Thursday - Session 2 - Berkeley Room

### Great Lakes/Midwest Culture History II Late Prehistoric and Historic Chair: Charles L. Rohrbaugh

- 8:00 Fishel, Richard. What's All This Stuff Doing in Here? The Contents of Feature 8 at the Phipps (13CK21) Mill Creek Site, Northwest Iowa.
- 8:20 Berres, Tom. The Lawrence Site: A Fisher Upper Mississippian Habitation in the Rock River Valley of Northern Illinois.
- 8:40 Rodell, Roland. Pots and Time: Impressions of the Diamond Bluff Site (47Pi2).

#### 9:00 Break

- 9:20 Mason, Carol I. A Coda to Quimby's Historic Periods.
- 9:40 Rohrbaugh, Charles L. The 17th Century View from the Zimmerman Site and the 1995 Excavations.
- 10:00 Lowe, David C. The Black Hawk War: Survey of the Site of the Battle of Wisconsin Heights.

#### 10:20 Break

Historic Period Archaeology - 1 Chair: Elizabeth D. Benchley ('67)\*

10:40 Mason, Carol L. George Cown's Trading Post - 1850's. Thursday - Session 1 (continued)



Goldstein, Lynne ('71)\* and Geralyn Flick. Investigations at the Barnes Creek Site, Kenosha, Wisconsin: The Nature of a Multicomponent Habitation Near the Lake Michigan Shore.



Boszhardt, Robert F. Additional Western Lithic Sources for Hopewell Bifaces in the Upper Mississippi River Valley.



Schurr, Mark. Excavation and Geophysical Survey at the Bellinger Site (12SJ6), A Goodall Tradition Site in Northwestern Indiana.

12:00 Lunch

Middle Woodland Chair: John P. Staeck ('85)\*



Marshall, James A. Chronology of Hopeton, Mound City, and Nearby Works in Ross County, Ohio, as Determined from Alignments.



Brashler, Janet G. Prison Farm Site (201A58): A Middle Woodland Occupation in Central Lower Michigan.



Esarey, Duane. Beardstown and Havana Havana.

## 2:30 Break



Kullen, Douglas. Observations on the Middle-Late Woodland Transition in Northeastern Illinois. Thursday - Session 2 (continued)

- 11:00 Anderson, Dean L., and Mark C. Branstner. Interpreting Logging in Michigan: Research at a Late Nineteenth-Century Railroad Camp Site.
- 11:20 Cassell, Mark S., and Wendy K. Holtz. Ordinary People and Extraordinary Complexity: An Archaeology of Historic Agriculture in Wisconsin's Central Sands.
- 11:40 Benchley, Elizabeth D. ('67)\*, Gathel M. Weston, Carrie Koster, and Vicki Twinde. "The Sky was Brass, the Earth was Ashes": The Williamson Site and the Peshtigo Fire of 1871.

#### 12:00 Lunch

Historic Period Archaeology - II Chair: Robert J. Jeske ('78)\*

- 1:30 Mansberger, Floyd, and Christopher Stratton. "Perfectly Panic Struck": The Archaeology of the Apple River Fort, Jo Daviess County, Illinois.
- 1:50 Jeske, Robert J. ('78)\* The Richardville Site: A Prehistoric and Historic Miami Home.
- 2:10 Pfannkuche, Sara L. Ostend: A Preliminary Survey of a Mid-19th Century Pioneer Community in McHenry County, Illinois.

#### 2:30 Break

2:50 Kelley, Kyran. The Archaeology of Recreation at Maywood Park (20DE85). Thursday - Session 1 (continued)



Vollman, Brant. The Steuben Question: Are All the Points the Same?

3:30 Staeck, John P. ('85)\*. NISIS: Strategic Assessment of the Sampson Farm Site (13Wh1) Location, Winneshiek County, Iowa.

## 3:50 Break



Hegesteg, Arne. Descriptive and Distributional Analyses of Pottery Sherds from Quandahl Rockshelter (13WH35) in Northeastern Iowa.



Davis, James. Koster Ceramics: The Forgotten Horizons. Thursday - Session 2 (continued)

- 3:10 Clouse, Robert Alan. Interpreting Archaeological Data Through Correspondence Analysis.
- 3:30 McCarthy, John P. and Jeanne A. Ward. The Archaeology of Farmsteads in the Upper Midwest: A Consideration of What and Why.

#### 3:50 Break

4:10 Charaus, Brigitte A., Laura A. Hutchins, Gretchen A. Nelson, Timothy J. Prindeville, and Norman C. Sullivan. Sources of Mortality and Frailty of Infants in an Almshouse Cemetery.

## **Rock Art**

4:30 **Redmond, Brian G.** The Pictographs at Cedar Bluff: New Evidence of Prehistoric Rock Art in Indiana.

(5:00 - 7:00 p.m.) Logan Reception. Museum of Anthropology and Beloit College invite conference participants to a welcoming Reception and Open House at the Museum. Enjoy our exhibits and browse through our collections, including those which were laid out in the Archaeology Laboratory on Wednesday. Please help us to celebrate the one-hundredth anniversary of our museum program and to enjoy the extensive renovation of both the Logan Museum and the William Simpson Godfrey building. The remodeling of our facilities has created a truly unusual museum exhibit program and has greatly expanded the instructional capabilities of both the Museum and the Department of Anthropology.

#### Friday - Session 1 - Berkeley Room

- Symposium in Honor of Ronald J. Mason Organizers: Robert A. Birmingham and Charles E. Cleland
- 8:00 Cleland, Charles E., J. Alan Holman, and Margaret Holman. The "Mason-Quimby" Line Revisited.
- 8:20 Green, William. "Mason's Law": Paleo-Indians and Deglaciation on the Northern Frontier.
- 8:40 Overstreet, David. Late Pleistocene Geochronology and the Paleoindian Penetration of the Southwestern Lake Michigan Basin.

## 9:00 Break

9:20

Stoltman, James B. The Withington Site: A Fluted Point Camp in Southwestern Wisconsin.

- 9:40 Mayer-Oakes, William J. Ilalo Paleo-Indian Complex in Equador: A Problem Awaiting a Solution.
- 10:00 Gibbon, Guy. Old Copper Culture in Minnesota.

### 10:20 Break

10:40 Pihl, Robert H. Ceramics and the Ault Park Site, Ontario: Vignette 2 Ware and Point Peninsula Chronology. Friday - Session 2 - Sacramento Room

Late Prehistoric/Late Woodland Chair: George W. Christiansen, III

- 8:00 Pacheco, Paul J. and Mark F. Seeman. Household Organization at the Philo II Site (33MU70): An Outline of Methods and Initial Results.
- 8:20 Goatley, Daniel B., Karen A. Atwell, and Kenneth B. Farnsworth. Late Woodland Cultural Boundaries at the Mississippi/ Illinois River Confluence.
- 8:40 Galloy, Joseph M. Recent Investigations at the Hill Prairie Mound Group, Madison County, Illinois.

## 9:00 Break

- 9:20 Benn, David W. Who Met the Mississippians at the Mouth of the Apple River?
- 9:40 Jackson, Douglas K. Patrick and Sponeman Phase Relationships and Associations: Evidence from Two Small Sites in the American Bottom.
- 10:00 Christiansen, George W. III, and David J. Mather. The Middle Mississippian Influence on Late Woodland Peoples in Wisconsin.

10:20 Break

Late Prehistoric Period - II Chair: Thomas C. Pleger

10:40 Pleger, Thomas C. and Nathan S. Lowery. A Preliminary Report of the 1994 Field Research at the Chautauqua Grounds Site (47-Mt-71) Located Along the Western Shore of Green Bay, Marinette County. Friday - Session 1 (continued)

11:00 Lovis, William, Grace Rajnovich, and Aryn Bartley. A Multivariate Analysis and Classification of Initial Woodland Ceramic Styles at the Portage Site, Emmet County, Michigan. 11:20 Dirst, Victoria. Thoughts on the Prehistory of Northeastern Wisconsin. 111:40 Henning, Dale R. Managing Oneota. 12:00 Lunch 1:30 Brose, David S. Let Their Fingers do the Talking 1:50 Mason, Richard P., and Carol L. Mason. The Mahler Portion of the Doty Island Village Site. 2:10 Behm, Jeffrey A. The Bell Site: Community Plan of the Grand Village of the Mesquaki. 2:30 Break 2:50 Latta, Martha, and Lisa Anselmi. Expediency and Curation: The Use and Distribution of Cuprous 'Scrap' at the Thomson-Walker and Auger Sites in Southern Ontario. 8:10 Martin, Terrance J. The Riddle of Perforated Bear Mandibles.

## Friday - Session 2 (continued)

- 11:00 Huber, James K. Pollen Evidence for Wild Rice (Zizania aquatica) in Minnesota and Ontario.
- 11:20 Yelton, Jeffrey K., and Michael Conner. A Probable Neosho Phase Occupation in the Spring River Valley, Lawrence County, Missouri.

11:40 Lunch

Cahokia and Beyond Chair: Philip G. Millhouse ('93)\*

- 1:30 Schroeder, Sissel. American Bottom Late Prehistoric Settlement Patterns: An Evaluation of Old and New Data.
- 1:50 Kelly, John E. ('69)\*. Beloit College's Role in the American Bottom: The Definition and Delineation of the Sand Prairie Phase.
- 2:10 Fowler, Melvin L. Cahokia Cosmology Conference: Circles, Chiefdoms, and Commentary.

#### 2:30 Break

- 2:50 Millhouse, Philip G. ('93)\* Late Stirling Phase Lithic Technology in the American Bottom: A Perspective from the Vaughn Branch Site.
- 3:10 Hall, Abigail F., John Kelly ('69)\*, and Brad Koldehoff. The Nature and Context of the Mississippian Occupation on the Southern Periphery of the Powell Mound Group.

Friday - Session 1 (continued)

4.55

Brown, James, and John Willis. Re-examination of Danner Pottery from the Starved Rock Area.

3:50 Break

4206 Sasso, Robert F., and Michelle Wilder. Early Nineteenth Century Potawatomi Agriculture and Land Use Practices in Southeastern Wisconsin

> Hall, Robert L. "The Open Door Recognizes an Opportunity" and Other Tales of the Suns Turned Black.

Kehoe, Alice B. Two Out of Michigan.

Discussant: Ronald J. Mason

Friday - Session 2 (continued)

3:30 Mainfort, Robert. Cluster Analysis and Archaeological Phases: An Example from the Central Mississippi Valley.

3:50 Break

Mississippian Chair: Richard Yerkes ('73)\*

- 4:10 Clay, R. Berle. The Tinsley Hill Site and the Mississippian Succession in the Lower Tennessee-Cumberland Drainage of Western Kentucky.
- 4:30 Yerkes, Richard W. ('73)\*. Marine Shell Bead Production in the Mississippian World,
- 4:50 Hermann, Willi. Aztalan: An Examination of Origin and Location with Emphasis on Middle Mississippian Expansion and Disintegration.

Cash Bar (6:00 - 7:00 p.m.) An informal hospitality get-together has been planned for the pool side area of the Holiday Inn. Everyone is invited.

Banquet (7:00 p.m.) For those who have purchased tickets, a banquet to honor our colleague, Ronald J. Mason, will be held in the Catalina Room at the Holiday Inn. Dr. Dan F. Morse ('54)\*, who has known Dr. Mason for some thirty years, will share some of the insights and humor that that long-term relationship has generated.

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Saturday Morning Bonnie Christensen (Mississippi Valley Archaeology Center) has organized a meeting of the Society for American Archaeology - Educational Network Coordinators at the Holiday Inn This session will be followed by an hourlong meeting of those individuals who are interesting in discussing issues and in sharing ideas about Public Archaeology. Check at the registration tables for time and place.

Saturday - Session 1 - Pacific Room

#### Lithic Analyses Chair: Charles Moffat

- 8:00 McCarthy, Joelle. Oneota End Scrapers: Form and Function in the La Crosse Area.
- 8:20 Lee, Derek. Typological and Microwear Analyses of the Diagnostic Lithic Artifacts from Quandahl Rockshelter (13WH35)
- 8:40 Moffat, Charles R. Excavations at the Chally/Turbenson Site (21FL-71): A Multicomponent Quarry/ Workshop Site in Southeastem Minnesota.

9:00 Break

9:20 Goatley, Daniel B., and Catherine S. Mauch. What's Up With All These Rocks?: The Grafton Relocation Project.

NSF - Young Scholars -Center for American Archaeology Organizers: Harry Murphy and Mark Allen Chair: Harry Murphy

- 9:40 Introduction
- 9:50 Maslow, Gary, and Robert Scott. Analysis of Six Disarticulated Adult Male Skulls from the Middle Woodland Elizabeth Mounds.

Saturday - Session 2 - Berkeley Room

## Subsistence and Seasonality Chair: Katie Egan ('79)\*

8:20	Asche, David L. Aboriginal Vege- culture in Eastern North America:
	the Case of the Groundnut (Apios americana Medikus)

8:40 Keavney, Billie. The Seasonality of Faunal Resources at the Roosevelt Lake Narrows Site, Cass County, MN.

9:00 Break

- 9:20 Egan, Katie. ('79)\* Soup to Nuts: Floral Indicators of Cold Season Occupations.
- 9:40 Yokell, Carol A. Other Effects of Special Purpose Sites on the Faunal Composition in Habitation Sites: Another Example from Fort Ancient.
- 10:00 Bush, Leslie. Archaeobotanical Remains as Indicators of Site Structure at Cox's Woods (12 Or 1).

10:20 Break

Saturday - Session 1 (continued)

- 10:00 Krebs-Carter, Melora. Comparison of Robusticity Between Middle and late Woodland Populations.
- 10:10 Selo, Dan, Joshua Morris, Joel Nicholas, and Manuel Serrano. Lithic Core Analysis at the Evie Site.
- 10:20 White, Amy. Mobility vs. Availability: Lithics Organization at the Evie Site.
- 10:40 Putill, Matt, and Kyla Tew. Chipped-Stone Tool Assemblage Organization During the Later Late Woodland Period (AD 600-1200) in the Lower Illinois River Valley: What Can the Evie Site Tell Us?
- 10:50 Sulak, Camilla. Late Woodland Period Temporal Seriation Based on Nut: Wood Ratios at the Evie Site.
- 11:00 Norris, Elizabeth, and Joe Biringer. A Comparison of Evie Site Features with Other Late Woodland Sites.
- 11:10 Knight, Dinah. Evie Site Spatial Analysis.
- 11:20 Jemison, Stephen. A Reassessment of Late Woodland Phases in the Lower Illinois River Valley Using Calibrated Radiocarbon Dates.
- 11:30 Bartley, Aryn. Cluster Analysis of Late Woodland Sites Containing Mississippian Pottery Along the Lower Illinois Valley.
- 11:40 Senchyshyn, Lisa, and April Winecke. A Study of Mississippian Social and Structural Organization: The Audrey Site.

Saturday - Session 1 (continued)

11:50 Chan, Ruby. Site Catchment Analysis of Jersey Bluff and Stirling Phase Settlements in the Lower Illinois Valley. Saturday - Session 2 (continued)

Settlement Patterns and Surveys Chair: Rochelle Lurie

- 10:40 Haas, Jennifer R. Rock Filled Features and Subsistence Patterns at the Magee-Mitton (47 Sw 150) Site.
- 11:00 Harris, Wendy, and Barrie Davis. Preliminary Findings from the South Suburban Airport Project -Will County, Illinois.
- 11:20 Lurie, Rochelle, and M. Catherine Bird. Results of Phase I Archaeological Reconnaissance Survey of Macktown, Winnebago County, Illinois.

Saturday - Session 3 - Sacramento Room

Geoarchaeology Chair: William G. Gartner ('85)\*

- 8:00 Salzer, Robert J. Anthroseds: Pure and Not So Simple.
- 8:20 Brashler, Janet G. and Michael F. Kolb. Geoarchaeology at the Zemaitis Site (20-OT-68)
- 8:40 Kean, William F., Steven R. Ahler, and Melvin L. Fowler. The Archaeomagnetic and Radiocarbon Records from the Modoc Rockshelter.
  - 9:00 Break
- 9:20 Shea, Daniel. Reticulate Irrigation: Occupying an Intermittent Environment.
- 9:40 Van Nest, Julieann. Holocene Artifacts in Pleistocene Loess in Western Illinois: A Can of Worms?

Saturday - Session 3 (continued)

Wild Rice Chair: Matthew Thomas

10:00 Thomas, Matthew M. On the Road to Domestication: A Comparison of the Intensification of Wild Rice (Zizania aquatica) and Maize (Zea mays) in the Upper Midwest and Western Great Lakes.

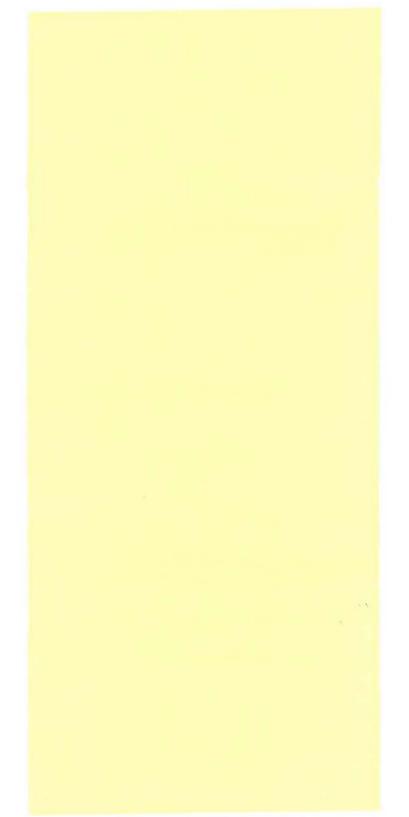
## 10:20 Break

- 10:40 Kluth, Rose. The Cass Lake 1 Site: Direct Evidence for Prehistoric Wild Rice in the Mississippi Headwaters Region.
- 11:00 Thompson, Robert G., and Susan Mulholland. Tracing the Use of Wild Rice Through Opal Phytoliths Recovered from Food Residues in Utilized Pottery.
- 11:20 Kluth, David. The Search for the "Corn of the North": Reexamining the Evidence for Wild Rice.
- 11:40 Arzigian, Connie. Wild Rice Utilization along the Wisconsin River.

#### Saturday Afternoon

- 12:01 <u>The Midwest Archaeological</u> <u>Conference</u> Annual Business Meeting will be held pool side at the Holiday Inn.
- 1:30 <u>The Wisconsin Archaeological</u> <u>Survey</u> will hold its Annual <u>Business Meeting</u> in the William Simpson Godfrey Building on the Beloit College Campus. Members are welcome to have lunch at Domenico's Italian Restaurant (534 East Grand), which is within easy walking distance of the Campus.





## Directions to Logan Museum

from Holiday Inn proceed west on Gardner to first stoplight (Park St.). Right on Park, through two stoplights (Broad, Grand) to next intersection (Bushnell). Left on Bushnell, two blocks to Logan Museum.

