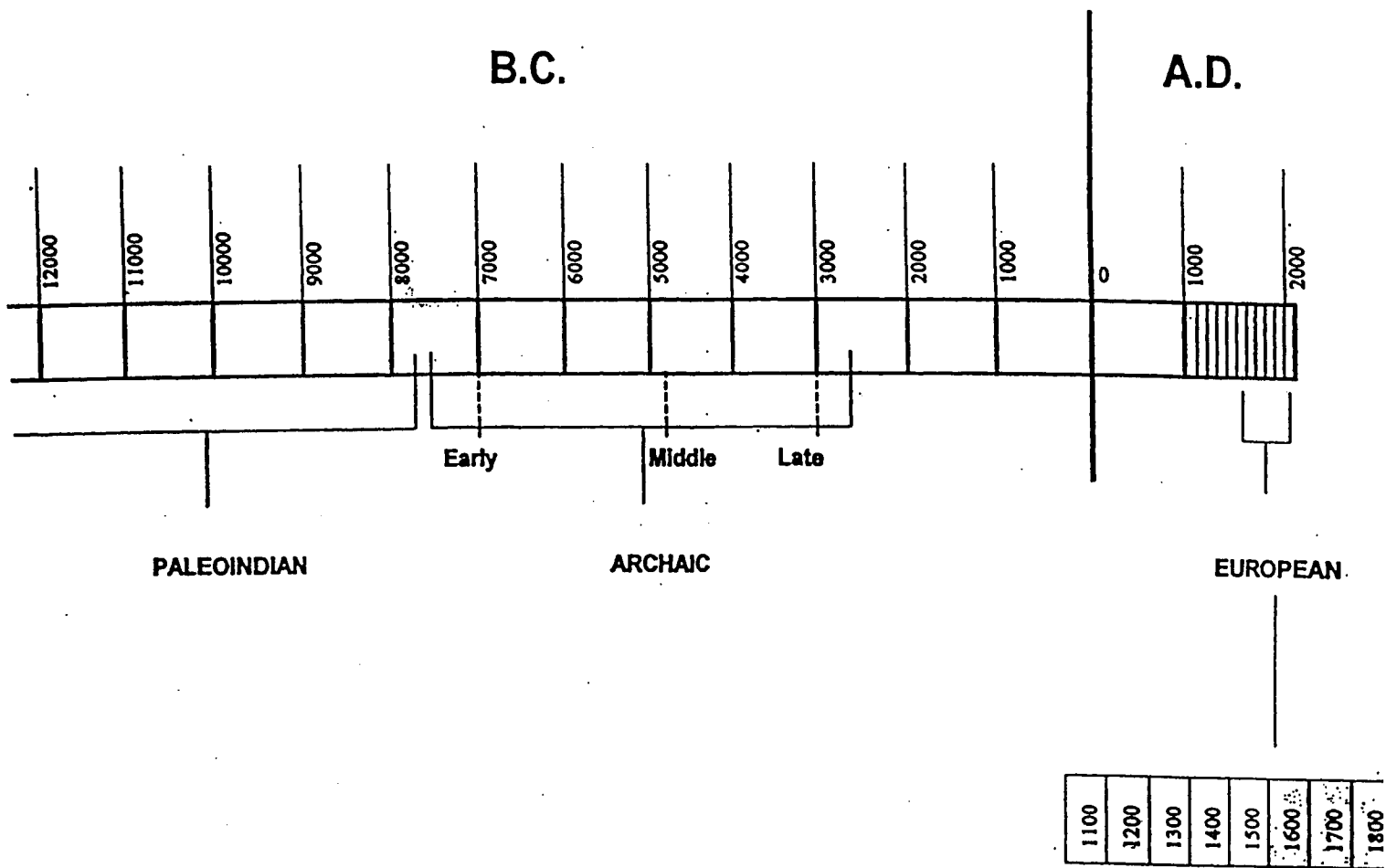


EARLY TRADE ROUTES AND LANGUAGES OF PREHISTORIC FLORIDA

**By
Dr. Julian Granberry
Anthropologist**

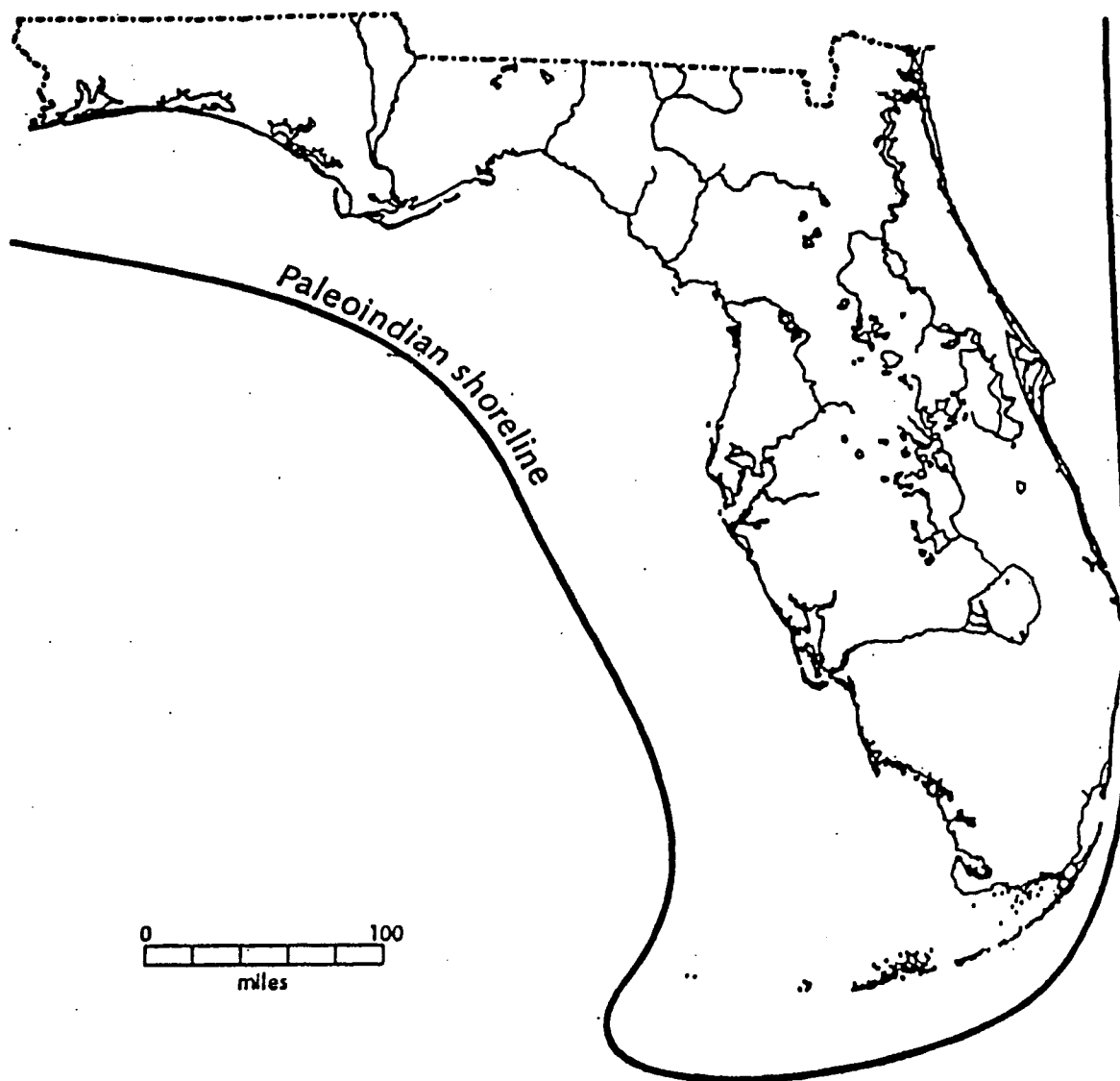
The accompanying maps and tables are taken from a talk entitled *Florida Prehistory* given by Julian Granberry to the Winter Park Historical Association and from Jerald T. Milanich's *Archaeology of Precolumbian Florida* (University Press of Florida, 1994). Additional readings are given on the last page of this booklet.

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1. Time Chart

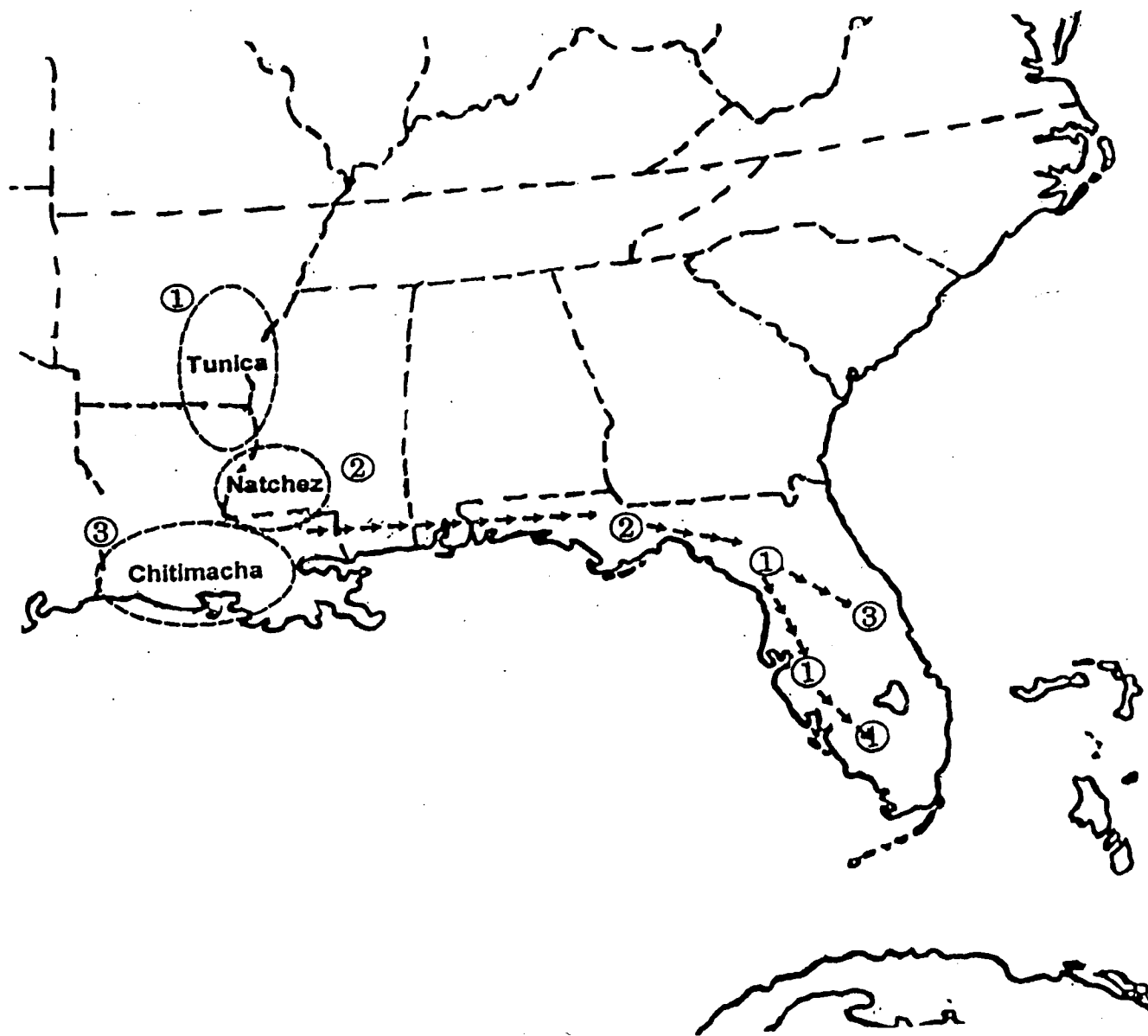
(From: *Florida Prehistory*, a talk given by Julian Granberry to the Winter Park Historical Association)



Approximate extent of Florida's shoreline during the Paleoindian period with sea levels 130–165 feet below today's.

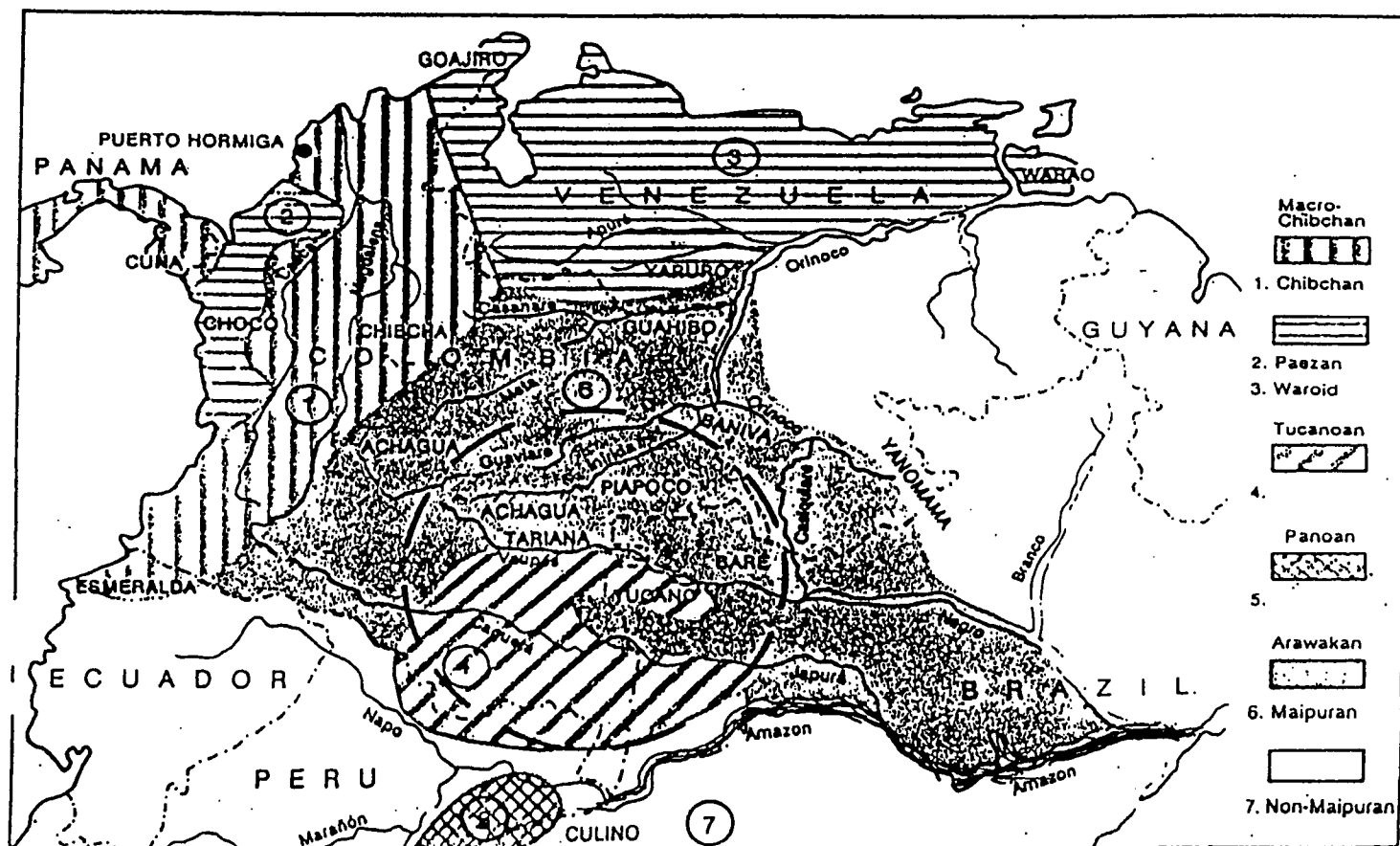
3. Florida in PaleoIndian Times

(From: *Archaeology of Precolumbian Florida*. Jerald T. Milanich. University Press of Florida, 1994)



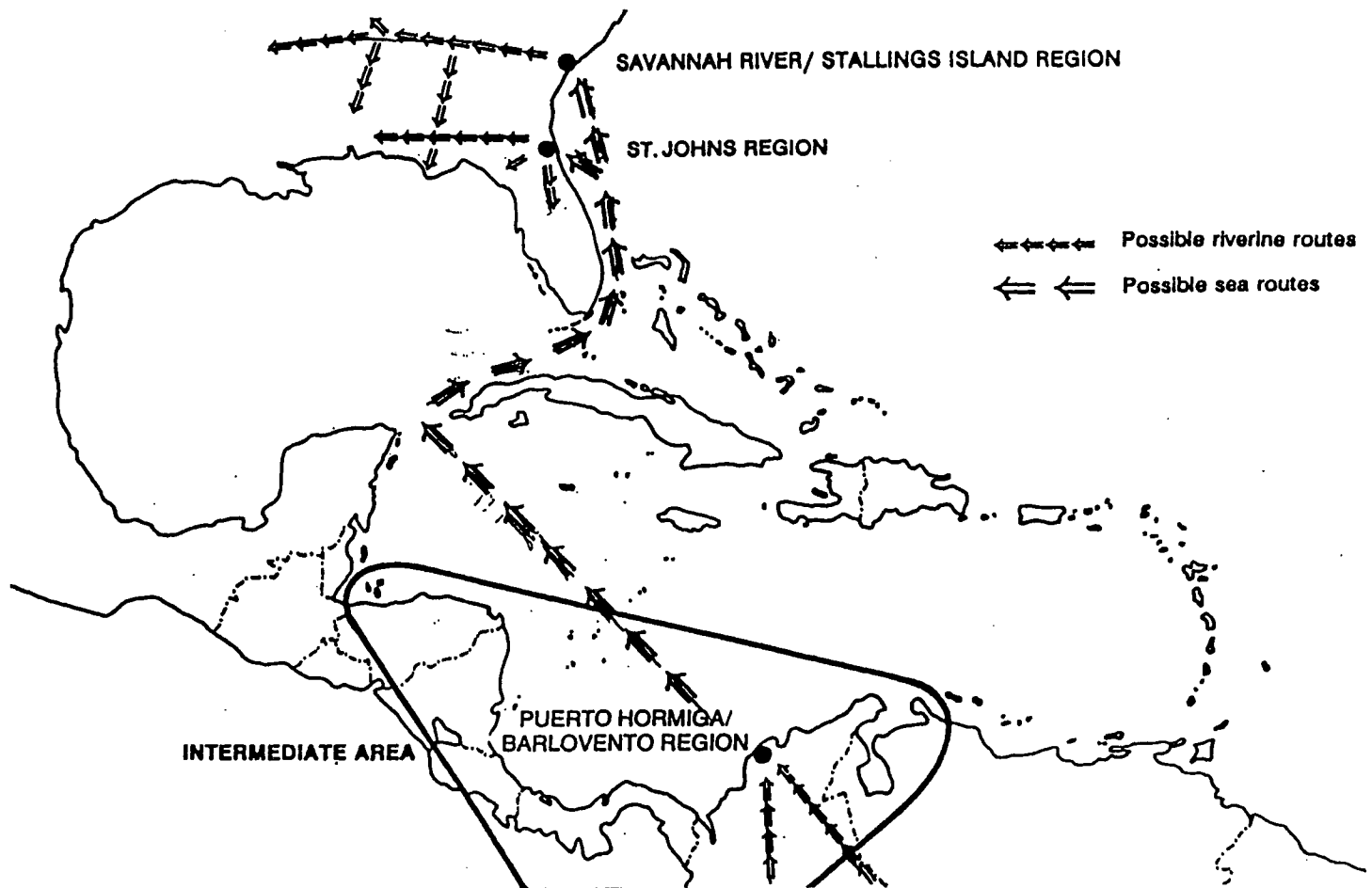
4. Map of the Probable Spread of the Gulf Languages, ca. 7,500-5,000 B.C.

(From: *Florida Prehistory*, a talk given by Julian Granberry to the Winter Park Historical Association)



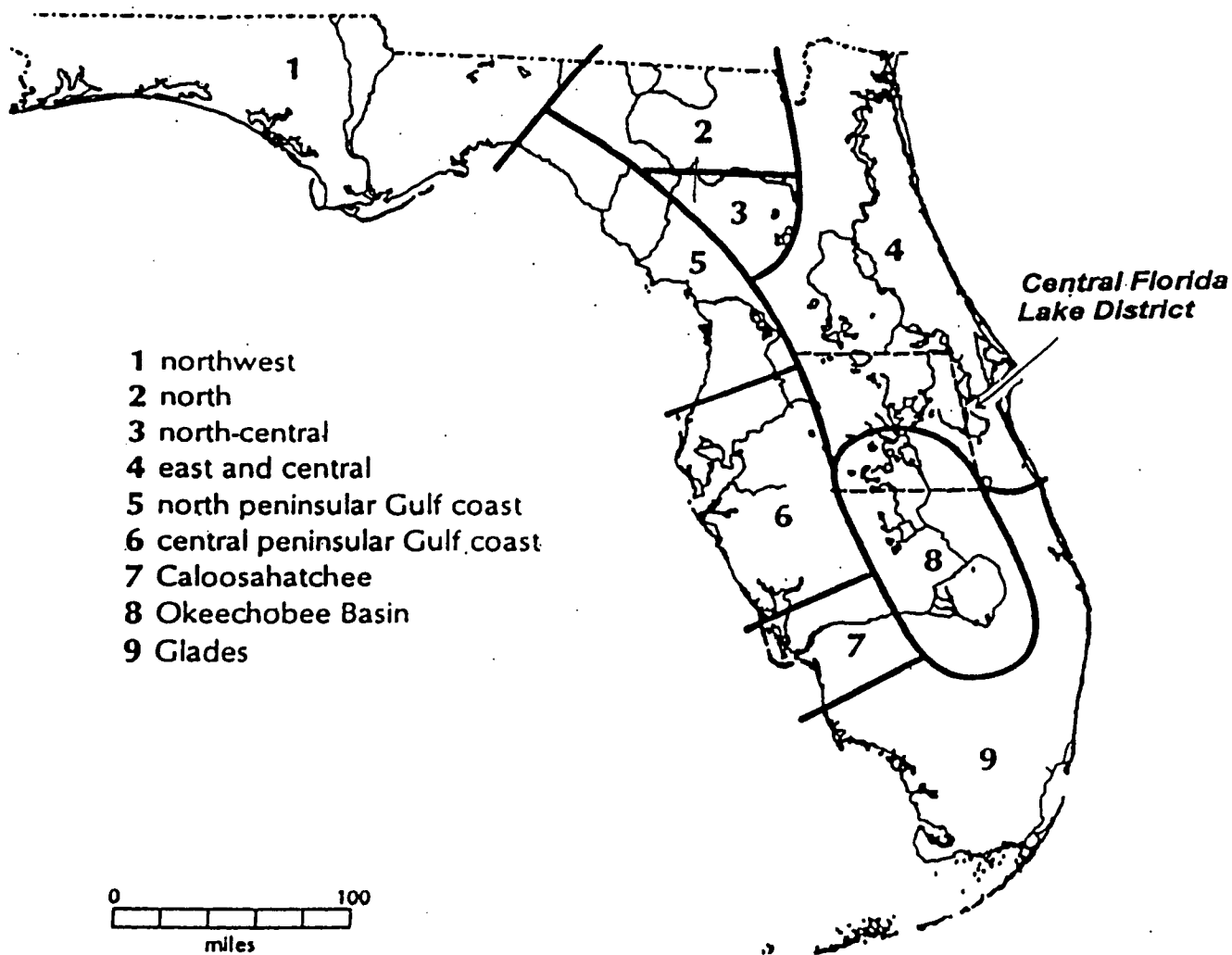
5. Possible Origins of the Timucua Language, ca. 2,500 B.C.

(From: *A Grammar and Dictionary of the Timucua Language*. Julian Granberry. University of Alabama Press, 1993)



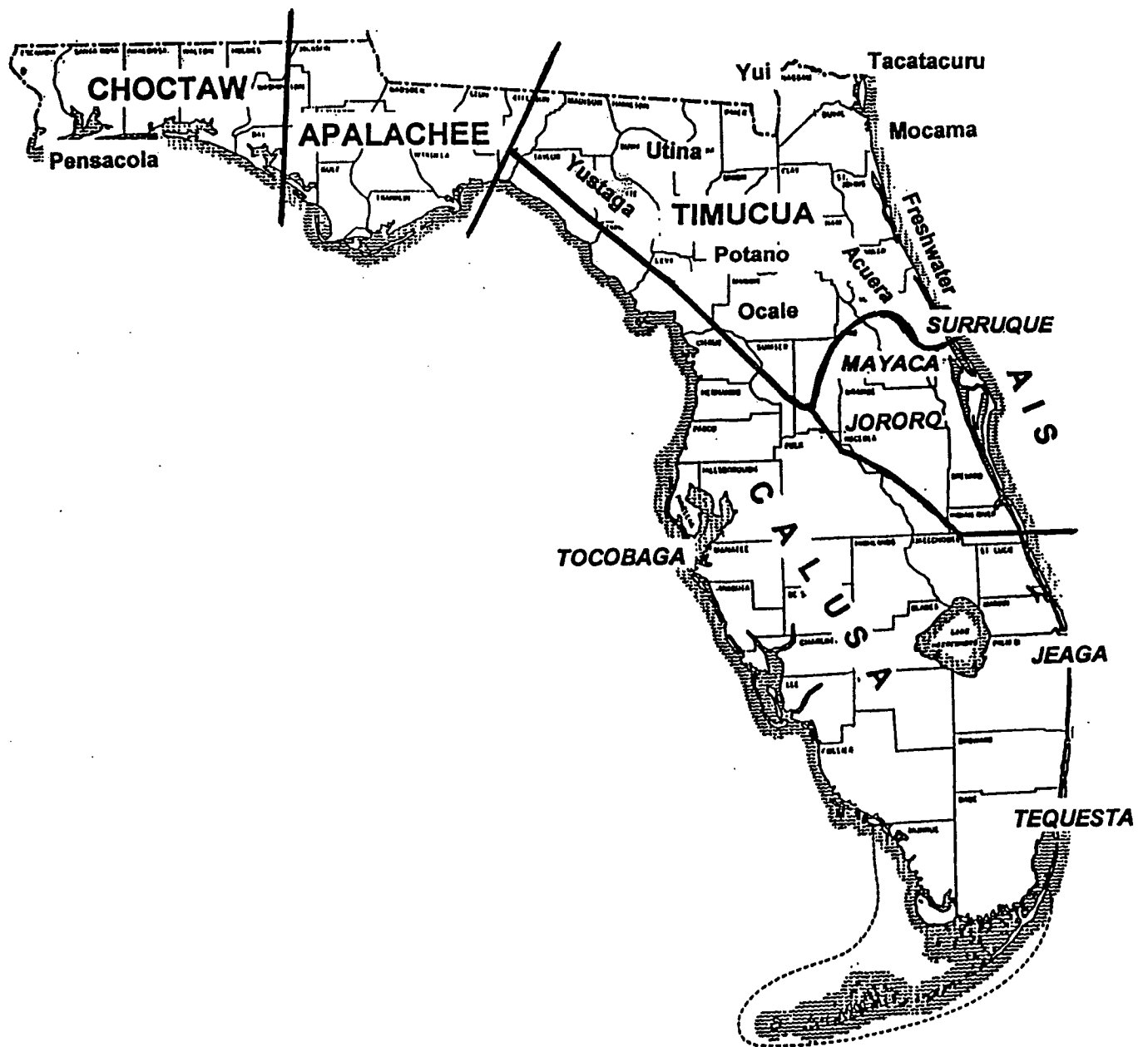
6. Possible Timucua Trade Routes, ca. 2,000 B.C.

(From: *A Grammar and Dictionary of the Timucua Language*. Julian Granberry. University of Alabama Press, 1993)



o. Post-500 B.C. Florida Archaeological Regions and Areas Map

(Adapted from: *Archaeology of Precolumbian Florida*, Jerald T. Milanich, University Press of Florida, 1994)



Map of Florida Languages & Peoples at the
Time of European Intervention

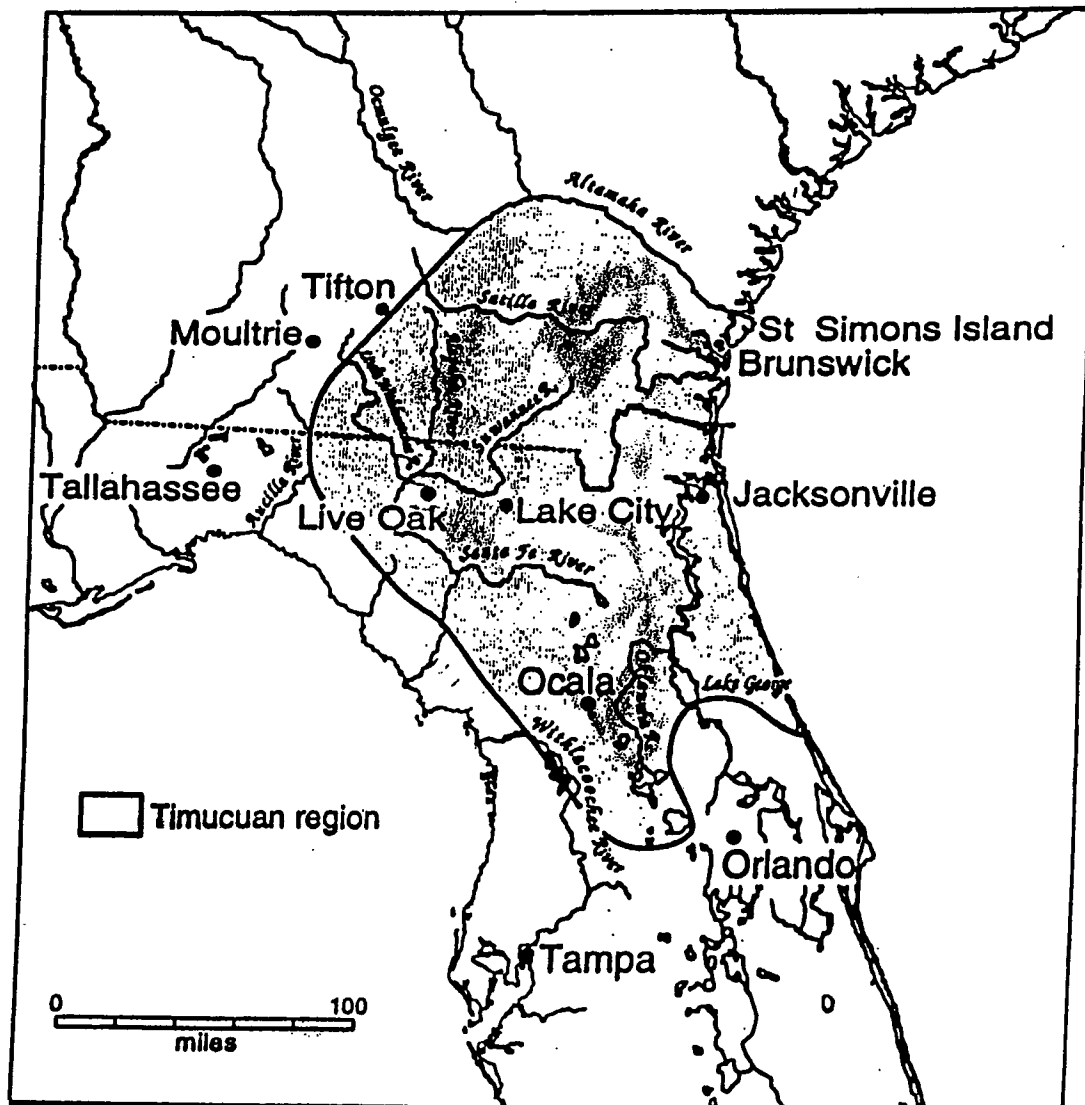
(From: *Florida Prehistory*, a talk given by Julian Granberry to the Winter Park Historical Association)

MUSKOGEAN



12. Muskogean Peoples and Languages in Florida

(From: *Florida Prehistory*, a talk given by Julian Granberry to the Winter Park Historical Association)



7. Timucua Language Map

(From: *The Timucua*. Jerald T. Milanich. University Press of Florida, 1996)

Orange Period Ceramic Chronology

Period	Dates (B.C.)	Ceramic attributes
Orange 5	1000-500	Chalky St. Johns ware appears late; some quartz sand temper mixed with fiber in paste; some coiling; bowls most common; some late pottery with incising, triangular punctations, and/or side lugs.
Orange 4	1250-1000	Some mixed quartz sand and fiber temper; some early coiled pottery; simple incised decorative motifs.
Orange 3	1450-1250	Large, straight-sided and round-mouthed vessels with flat bottoms; some square or rectangular vessels, ca. 10 cm deep; walls 4-13 mm thick; lips simple rounded or flattened; some side lugs below rims; some vessels resemble steatite vessels in shape; incised straight lines, some parallel and slanting; some punctations or ticks; no Tick Island types.
Orange 2	1650-1450	Vessel shapes same as Orange 1; decorations include incised concentric vertical diamonds with horizontal lines; Tick Island styles—incised spirals with background punctations (rare); plain pottery common.
Orange 1	2000 -1650	Pottery hand molded and fiber tempered; thin walls 6-7 mm; simple rounded lips; shallow, flat-based, and straight-sided bowls; rectangular containers, 10 by 20 by 10 cm, some with luglike appendages; no decorations.

8. Orange Period Ceramics Chart

(From: *Archaeology of Precolumbian Florida*. Jerald T. Milanich: University Press of Florida, 1994)

St. Johns Region Chronology

Period	Dates	Distinguishing ceramics, other traits, and cultural influences
St. Johns IIc	A.D. 1513-1565	St. Johns Check Stamped pottery; European artifacts in some middens and mounds. Burial mounds still present early. The St. Johns IIc people are the various Timucuan-speaking groups described in European documents of the early sixteenth century.
St. Johns IIb	A.D. 1050-1513	St. Johns Check Stamped pottery; some Fort Walton and Safety Harbor pottery and Southeastern Ceremonial Complex objects in mounds. Mississippian influences.
St. Johns IIa	A.D. 750-1050	Appearance of St. Johns Check Stamped pottery in villages and mounds; large number of mounds and villages, reflecting larger populations; late Weeden Island pottery and copies in some mounds.
St. Johns Ib	A.D. 500-750	Weeden Island, Dunns Creek Red (early), and St. Johns pottery in mounds; village ceramics almost all plain St. Johns ware; Weeden Island influences; some pottery caches in mounds.
St. Johns Ia	A.D. 100-500	Village pottery nearly all plain St. Johns ware; Hopewellian-Yent complex objects in early mounds (pre-A.D. 300); some possible log tombs. Late Deptford and Swift Creek pottery traded and copies locally manufactured; Dunns Creek Red common. Weeden Island influences appear late.
St. Johns I.	500 B.C.-A.D. 100	Village pottery all St. Johns ware, both plain and incised; some Deptford pottery or copies present. Burial mounds appear for first time. All pottery coiled; some pottery punctated or pinched; side lugs rare; at times mixed quartz sand and fiber temper.

9. St. Johns Region Chronology, 500 B.C. - 1565 A.D.

(From: *Archaeology of Precolumbian Florida*. Jerald T. Milanich. University Press of Florida, 1994)

SELECTED READINGS **ON FLORIDA PREHISTORY WITH EMPHASIS ON CENTRAL FLORIDA**

1. Doran, Glen H. and David N. Dickel. "Multidisciplinary Investigation at the Windover Site". In *Wet Site Archaeology*, ed. by Barbara Purdy, pp. 263-289. Telford Press. Caldwell, N.J. 1988.
2. Goggin, John M. *Space and Time Perspectives in Northern St. Johns Archeology, Florida*. Yale University Publications in Anthropology 47. New Haven. 1952.
3. Granberry, Julian. "Amazonian Origins and Affiliations of the Timucua Language". In *Language Change in South American Indian Languages*, ed. by Mary Ritchie Key. University of Pennsylvania Press. Philadelphia. 1991. Pp. 195-242.
4. Granberry, Julian. "The Position of the Calusa Language in Florida Prehistory: A Working Hypothesis". *The Florida Anthropologist* vol. 48, No. 3, pp. 156-173. 1995.
5. Hann, John H. "The Mayaca and Jororo and Missions to Them". In *The Spanish Missions of La Florida*, ed. by Bonnie G. McEwan, University Press of Florida, Gainesville, pp. 111-140. 1993,
6. Milanich, Jerald T. *Archaeology of Precolumbian Florida*. University Press of Florida, Gainesville. 1994.
7. Milanich, Jerald T. *Florida Indians and the Invasion from Europe*. University Press of Florida. Gainesville. 1995.
8. Milanich, Jerald T. *The Timucua*. University Press of Florida. Gainesville. 1996.
9. Purdy, Barbara A. "Hontoon Island, Florida (8Vo202) Artifacts". *The Florida Anthropologist* vol. 40, pp. 27-39. 1987.
10. Purdy, Barbara A. "Investigations at Hontoon Island (8Vo202), An Archaeological Wetsite in Volusia County, Florida". *The Florida Anthropologist* vol. 40, pp. 4-12. 1967.
11. Rouse, Irving. *A Survey of Indian River Archeology, Florida*. Yale University Publications in Anthropology 44. New Haven. 1951.