



*Nebraska History* posts materials online for your personal use. Please remember that the contents of *Nebraska History* are copyrighted by the Nebraska State Historical Society (except for materials credited to other institutions). The NSHS retains its copyrights even to materials it posts on the web.

For permission to re-use materials or for photo ordering information, please see:

<http://www.nebraskahistory.org/magazine/permission.htm>

Nebraska State Historical Society members receive four issues of *Nebraska History* and four issues of *Nebraska History News* annually. For membership information, see:

<http://nebraskahistory.org/admin/members/index.htm>

### Article Title: The Ethnohistoric Approach to Plains Caddoan Origins

Full Citation: Mildred Mott Wedel, "The Ethnohistoric Approach to Plains Caddoan Origins," *Nebraska History* 60 (1979): 183-196.

URL of article: <http://www.nebraskahistory.org/publish/publicat/history/full-text/NH1979Ethnohistoric.pdf>

Date: 1/4/2012

Article Summary: This is one of a series of articles based on presentations at a mini-symposium "Toward Plains Caddoan Origins: A Symposium" held at the Smithsonian Institution in November, 1976. This article uses carefully evaluated document sources which are studied from the viewpoint of one trained in anthropology in order to explain the Plains Caddoan Origins.

## THE ETHNOHISTORIC APPROACH TO PLAINS CADDOAN ORIGINS

*Mildred Mott Wedel  
Smithsonian Institution*

Unlike some but in accordance with many others, I define the term "ethnohistoric approach" as it was originally conceived in the 1950s at a gathering of anthropologists and historians (M. Wedel 1976:3-5) in the Ohio Valley region. To me the term indicates the use of carefully evaluated document sources which are studied from the viewpoint of one trained in anthropology. To the problem of Plains Caddoan origins, this procedure can contribute information on the location and settlement pattern of these people when they were first contacted by Europeans (Spaniards and Frenchmen), on population at that time albeit with many reservations as to correct interpretation of data, on the earliest named socio-political divisions, and finally on the physical appearance of these Indians as described by their European visitors. This discussion is limited to records before 1800. The Wichita and other possible Caddoans of the southern Plains will be considered first, then the Pawnee, and finally the Arikara who were the last of the Plains Caddoans to be documented. The term "Wichita" below indicates Wichita-speakers, whereas "Wichita proper" refers to the sub-division of that name.

The Wichita, as Quivirans, were first visited by Europeans in 1541 when the Vasquez de Coronado expedition entered their homeland. There is sound evidence (W. Wedel 1959:212, 585, 587) that this lay between the northeast side of the Great Bend of the Arkansas River and the Smoky Hill River to the northeast just upstream from Lindsborg, Kansas. Coronado and his party traversed this extent, in the course of which for four or five days they passed along or through (as Jaramillo remembered; Buckingham Smith 1857,1:160) six or seven populated areas (*poblaciones*) separated one from the other. It is implied that these extended settlements were located relative

to tributaries of the Arkansas, which the archeological picture indicates were probably (Wedel 1942:12) the Little Arkansas River and Cow Creek. The intervening land was said to be uninhabited. The most populous and important region of Quivira (Buckingham Smith 1857, 1:160) was at its north-western border, which would place it just south of the Smoky Hill.

Accounts and testimonials of the 1601 Oñate expedition (Hammond and Rey 1953, Part 2) provide more information on the settlement pattern in Quivira, a pattern which from all indications was unchanged since the earlier Coronado *entrada*. Again the term *población* is used to express the populated area the Spaniards viewed, one estimated by Gutiérrez Bocanegra (Hammond and Rey 1953, Part 2:890) to be at least three leagues (9 miles more or less) in extent. Within these larger settlements, according to Baltasar Martínez (*Ibid.*, 844) there were *barrios* of 30 to 40 houses each, about  $\frac{1}{4}$  mile apart. Such clusters or hamlets may be the unit also indicated by the more frequently used word *pueblo*, which would mean to the Spaniard a town or village. One 1541 account stated (Buckingham Smith 1857,1:152) that in some *pueblos* there were as many as 200 houses. Undoubtedly there was variation in size of these separate village or house clusters. In two leagues (ca. 6 miles) of a populated area or settlement, i.e., a series of hamlets, two members of the Oñate expedition claimed to have counted 1700 houses (Hammond and Rey 1953, Pt. 2:867, 883). Oñate himself wrote of seeing more than 1200 (Bolton 1916:260) in one settlement.

Such a pattern of dispersion accords with the gloss "*gros, partagé,*" meaning "large" and "divided" or "scattered," that is associated with the name *les panis* a hundred years later (ca. 1700; Figure 1) on a French map (Tucker 1942:Pl. XVIII) attributed to Father Marc Bergier, S. J., stationed with the Illinois Tamaroa and Cahokia on the Mississippi River. On this basically diagrammatic map, the *panis* are located along a northern tributary of the Arkansas, south of the Kansas River, a region which could be reasonably interpreted as the Great Bend area. One would assume that the map may have been based on information brought back by intrepid *voyageurs* who are indicated by French sources (Nasatir 1952,1:5-7) to have been reaching west to the Wichita at that time, probably by way of the Missouri and Kansas Rivers.

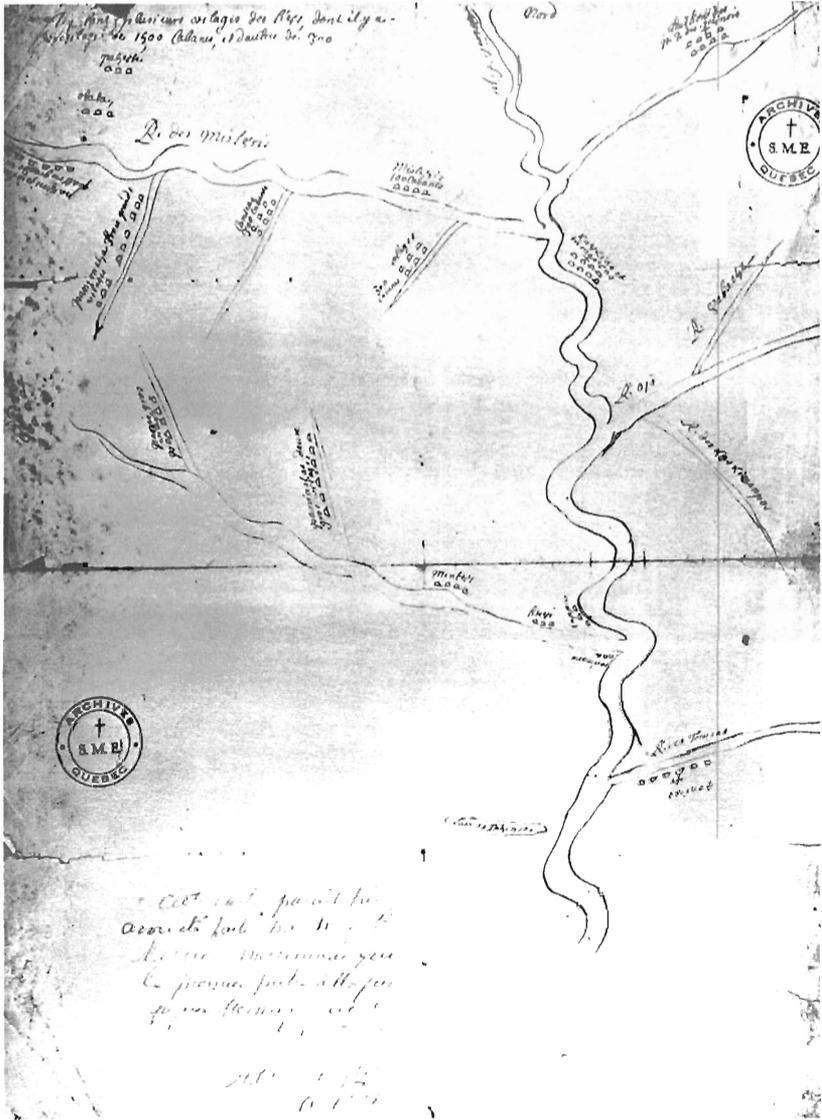


Figure 1. Section of M. Bergier, S.J., map ca. 1699, Mississippi River to right, Arkansas River in center, Missouri River at top. Courtesy Le Seminaire de Québec.

Oñate, who visited only one Quivira settlement, which may have been on Walnut River above Arkansas City (W. Wedel 1942:18-20; 1959:22) was told of many larger populated areas to the north (Bolton 1916:261) referring, it would seem, to all or certain of those visited earlier by Coronado. Oñate was also informed of settlements to the east "down the river," presumably meaning the Arkansas. This suggests that Wichita bands had reached their farthest penetration north at the Smoky Hill and a movement to the south-southeast had begun. A distribution of this general nature is depicted a century later on the Bergier map of 1699-1700 mentioned above where downstream from the scattered *panis* are "*deux gros villages*" (two large villages) of *paniassas*, black Pawnee or Wichita, on a northern Arkansas tributary above another related group identified as *mento*, who may have been Tawakoni Wichita (M. Wedel 1979). The two latter glosses suggest more consolidated settlements than the one farthest north.

Martínez, a member of the 1601 expedition, reported (Hammond and Rey 1953, Pt. 2:844, 846) that within sight of each round house were fields where maize particularly and some beans and squash were raised. The dwellings were the same grass (*paja*) house type as observed in later Wichita villages. There were adjacent platform structures noted in 1541 (Winship 1892-93:591), and further described by Oñate's people (Hammond and Rey, Pt. 2:591, 844, 845, 857, 890), which evidently were of several types. The description of some suggests caches on stilts, as one sees in Mexico today, where De Leon (*Ibid.*, 857) said corn was stored and in the doorways of which (Bolton 1916:260) people were seen sitting. Access was by ladder to the platform about 6 feet high. Others may have been more like summer working areas (*ramadas*), unenclosed, but on top of which Indians were accustomed to recline. Drying racks are also a possibility. That horticulture was supplemented by extensive bison hunting is stated by Oñate (*Ibid.*, 261) and implied by others.

Oñate reported (*Ibid.*, 260) that 8-10 persons lived in a house, a figure similar to that given more than two centuries later by R. B. Marcy after observing Waco and Wichita villages (1854:77) in present day southwest Oklahoma. He described each grass lodge as housing two families of about ten persons altogether. This may be interpreted in the matrilineal society as basically the

parent nuclear group and the family of the elder daughter.

Both the settlement patterns and grass houses described above are like those of the historic Caddo proper who lived on the lower Red River and above its great southward bend (Figure 2) and also farther south on the Neches and Angelina Rivers in present-day Texas. As late as 1719 Bénard de La Harpe (*Journal Du Voyage 1718-20:folios 13-13 vo.*) was chiding the Kadohadacho, Upper Nasoni, and other Caddo living nearby on the Red for the sprawling nature of their settlements which rendered their individual villages less secure from attack.

It is with hesitancy that I approach the matter of population. Unquestionably both the Coronado and Oñate parties were impressed by the number of inhabitants of Quivira. They wrote of "thickly settled provinces," of "innumerable Indians," and the "large numbers of men" present in 1601 when the women did not appear. Montero de Castro estimated (Hammond and Rey 1953, Pt. 2:880-81) he saw 20,000 Indians in the one settlement Oñate visited. There have been attempts to figure Quivira population by manipulating various figures such as the number of occupants of a house (as given by Oñate), the number of houses reported in 1541 to compose such villages (Buckingham Smith 1857, 1:152), and Coronado's estimates of 25 *pueblos* or villages (Pacheco y Cárdenas 1865, 3:366) of which he claimed to have heard or seen. Newcomb and Field (1967:341) estimated a population of 15,000 to 33,000 for all Quivira in the 1541-1601 period, after making certain adjustments for the recorded figures. However, it must be recognized, as Newcomb and Field did, that all computations are open to many "ifs" and "buts." For instance, settlement density undoubtedly varied considerably from house cluster to house cluster, and contemporary exaggerated estimates would not be unexpected. It may be questioned with reason that the claimed count of 1,700 houses was actually made house by house.

Were these Quivirans or Wichita-speakers already differentiated in the 16th century into the named socio-political units that are recorded in later historic times? At least two are recognizable. Jaramillo told of being taken to the "end of Quivira [probably just south of the Smoky Hill River] to which they took us saying that it was important (Buckingham Smith 1857;1:160), which they said meant that it was Teucarea." It has been suggested, with the approval of linguists (D. R. Parks,

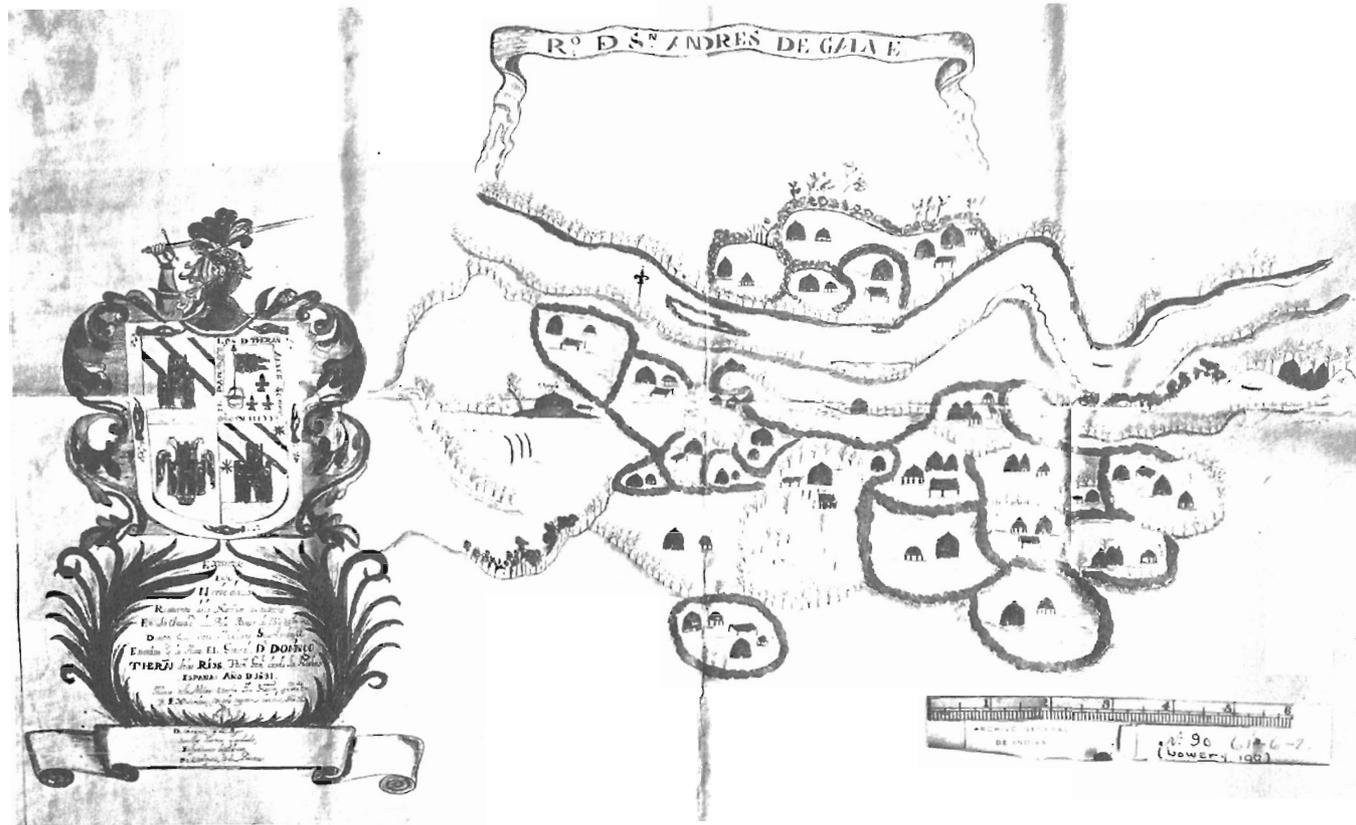


Figure 2. Anonymous map of the Upper Nasoni settlement on Red River, 1691-1692. From photograph in Geography and Map Division, Library of Congress. Original in Archivo General de Indias, Seville.

pers. com.) that the inhabitants of this specified settlement could have been *Touacara*, descendants of whom Bénard de La Harpe met in 1719 (*Journal Du Voyage* 1718-20:f. 19) on the Arkansas River. They were described to him as the principal Wichita band, whose chief was the most highly respected. The Wichita name for these people is *tawa:khariw*, according to David Rood and Douglas R. Parks (pers. com.). In the mid-eighteenth century they came to be called Tawakoni.

Another name for a place or people in Quivira was given by Domingo Martín when he was interrogated (*Información* 1544:22) during the trial of Coronado about the killing of an Indian called the "Turk," who had been accused of misguiding the Spaniards. Martín said that the Turk was garroted and buried "in a *pueblo* called Tabas." From other sources it is learned that this happening took place at the farthest point reached by the expedition in Quivira so it would seem that *Tabas* like *Teucarea* was near the Smoky Hill. Bolton (1949:293) considered this term to be a variant of La Harpe's *toajas*, which Newcomb and others (1967:333) relate to the Taovayas of the eighteenth century. Linguists approve of this proposed relationship also. These are the Tawehash of today.

No similar leads to historic Wichita names are provided by French documents of the early 18th century. The Indians living along the Arkansas River some distance above the Quapaw or Arkansas are called *les panis*, *les paniassa*, and *mentou*. Often these seem to signify different contemporary Wichita-speakers. However, the names do not link continuously with people at one location who, for example, may be called *mentou* or at another time in a different source, *paneassa*. Later the term *panipiqués* (pricked Pawnee) came into use relating, as did *paniassa* (black Pawnee), to the Wichita custom of tattooing their bodies extensively, a feature especially apparent on the women. Not until Guillaume Delisle's 1718 "Map of Louisiana and the Course of the Mississippi" (Tucker 1942:Pl. XV) did another band name appear, the *Ouatchitas*, the subdivision of Wichita proper. Through Bénard de La Harpe's visit to the Arkansas River the next year (1718-1720 *Journal Du Voyage*:f. 19), the Yscanis were recognized. La Harpe named also the *quirasquirit*, as if they formed a separate band, but gives no location for them. Perhaps he misunderstood that *kirikir'i:s* was the name for all Wichita-speakers, a term used by members of

all groups to identify themselves as belonging to the larger category. The *adeco* and *honecho* are also mentioned. These groups evidently lost their identity soon after this time by merging and/or becoming known by another name. Might they have been precursors of the Wichita-speaking Waco? Two *Quidehais* (i.e. Kitsai Indians) were named as being guides for La Harpe.

Certain nomadic, bison-hunting groups of impressive size, some of whom have been labelled Caddoan speakers, were contacted by Coronado and by men sent out by Oñate onto the southern Plains south of Quivira. For instance, Schroeder (1962:8-9), John (1975:20,n5) and others have suggested that the presumably tattooed *Teyas* encountered by Coronado, were Caddoans, although Dolores Gunnerson (1974:20) has offered evidence for their having been Apache. Schroeder proposed that ancestors of the *Teyas* may have been inhabitants of the Antelope Creek sites in the Oklahoma-Texas panhandles, and that after 1541 they were called Jumanos, a term which Scholes (1940:275) found to be used collectively in these centuries for "tattooed Indians." Schroeder suggested further that all nomadic Indians called Jumano who hunted in the Canadian River region were Caddoan-speakers. On the other hand, Rudolph C. Troike (pers. com.) and Carl O. Sauer (1934:68) believe all those called Jumano, except the Wichita, spoke Uto-Aztecan. Obviously this is a complex question that will long plague anthropologists.

There remain other related problems, such as: by what name did the New Mexico Spaniards recognize the Kitsai? It was probably these Indians who gave a name for themselves in 1719 to the associate of B. de La Harpe (*Journal Du Voyage* 1718-20:f. 16vo.) that was corrupted by the French to *Quidehais*. They spoke a Caddoan dialect when conversing with La Harpe's interpreters. Durivage reported they were nomadic bison hunters when he found them associated with Tonkawa and Nabedache Caddo on the upper Red River, but they may have been simply on a summer hunt. Hopefully further documentary study will provide clearer insights on this matter.

Turning now to the Pawnee, the earliest mention of them, as with the Wichita, is found in documents related to the Coronado expedition. The *Arae* (Buckingham Smith 1857, 1:153) or *Harahei* (Ibid., 160), evidently a Spanish corruption of *Awah:i*, the Pan-Caddoan term for the Pawnee, were said by

Jaramillo to live beyond the northern river of Quivira province so, it may be interpreted, beyond the Smoky Hill. They were further described as having "the same manner" or lifeway; "the same kind of settlements," that is *poblaciones*—extended settlements; and "the same size" as Quivira. In the *Relación del Suceso* (Ibid., 153) it is added that their houses were "part of straw and the rest of skins" which was exactly the description the nomadic Teyas gave of Quiviran dwellings (Pacheco y Cárdenas, 3:365) when they meant grass houses and tipis. This interesting remark is worthy of thoughtful consideration by students of the Pawnee. A chief from *Arahe* came with 200 men to visit Coronado, but there is no hint as to how far he traveled. Casteñada had been told (Winship 1896:457) by "reliable sources" that the river of *Espiritu Santo* (meaning here the Mississippi) flowed through *Arache*. The Kansas or the Platte and their tributaries carry waters that join those of the Mississippi.

Not until the notable 1673 journey of Louis Jolliet and Jacques Marquette more than a century later did a record of more frequent contacts with the Pawnee begin. Even then, among the approximately 100 separate pre-1800 references I have to the central Pawnee or *panis blancs* (white Pawnee in contrast to the *panis noirs* or Wichita), there are no firsthand descriptions of them. The extant French and Spanish textual accounts and maps all represent secondhand information reported by missionaries, government officials, and cartographers. These persons presented facts obtained in part from French *voyageurs*, many of whom were probably illiterate, who were heading west bent on trade and exploration. Some were said (G. Delisle [1702]) to be living in 1700 with Pawnee of the Platte River region. A number of the French traders may have kept to the Missouri River mainstem instead of turning west up its tributaries. Sometimes information was obtained from Indian slaves, or in the case of the French, from Indians visiting eastward. As a result of this transference of information, both textual and cartographic, careful examination and interpretation are required because of communication misunderstandings, confusion regarding the geography of the upper Missouri, Kansas River, and Platte regions, and possibly careless reporting or copying.

The Spaniards, beginning in the 1680s, were using the name *Panana* for all Pawnee slaves indiscriminately, thus

distinguishing them from *Jumano*, the name which replaced "Quivirans" in the 1690s for the Wichita.

Not until 1701, and then rarely up to 1800, is there documentary recognition by the French of the presence in the central plains of two groups of Pawnee, aside from the Arikara. The terms applied to them, *Panimaha* and *Panis*, were taken by Frenchmen from Chiwere and Dhegiha Siouan speakers (as Quapaw, Osage, Missouri, etc.), among whom the former name sometimes indicated the Skiri Pawnee only, according to J. Owen Dorsey ([1883-1894]). However, the French and later the Spaniards often used each term collectively for both Skiri and South Bands. Even though one frequently does not know with certainty the intended meaning of *Panimaha* or *Panis*, there is no question but that there were Skiri and "other" Pawnee in the general Platte and/or Kansas-Republican region at the beginning of the 18th century. Not until 1775 is the Kitkehaki or Republican group named (Kinnaird 1946, Pt. 1:228) along with the Skiri and the *Panis* who were evidently those identified (*Ibid.*, 2:278) as the Chaui or Grand and Pitahauerat or Tappage in 1794.

There seems to be no reference to the Pawnee settlement pattern after Jaramillo's statement in 1601 cited above until 1723. Then Philippe de La Renaudière (Margry 6:180) described—without seeing them—eight *Panis* villages on the Elkhorn River half a league (c. 1½ miles) apart. This is reminiscent of the Wichita-Quivira *poblaciones*. The reference is also of interest in that John B. Dunbar (1880:257) cited a tradition that the Pitahauerat had once lived on this stream.

Again I am brought to a pause as I view the confusing records of Pawnee village numbers and size. As with the Wichita in Quivira, the impression given to early visitors was of a large population. It would seem from the J.-B. L. Franquelin 1684 map that in the years immediately preceding its appearance when Robert Cavalier de La Salle was in the Illinois country, he was told of 19 villages he called *Panimaha*; no other Pawnee group was distinguished. Is this an exaggeration or does it refer to small hamlets, or include other Caddoan speakers than the Skiri? Twenty years later, Father Bergier (1702) reported that two *voyageurs* had described the *panimaha* as the most numerous people in the Platte River region. If this meant the Skiri only, it agrees with secondhand information furnished by

Véniard de Bourgmont (Giraud 1958:16) in 1714 which noted nine Skiri villages and one of South Band *panis*. Guillaume Delisle portrayed twelve villages for each of these groups on his important 1718 map cited above (Tucker 1942:Pl. XV). His source for these figures is unknown so they cannot be accepted without question. Beyond this, the village numbers up to 1800 that are known to me come from dubious sources, are impossible to interpret with any degree of assurance, or are simply unacceptable, as the "60 to 70" *panis* villages near the Platte noted by John Mitchell on his 1755 map. There seem to be no extant figures on numbers of dwellings in villages which are reliable enough to be worthy of repeating. The figures for 600 to 800 warriors that are given for the *Panismaha* between 1750 and 1777 raise questions as to accuracy and the definition of *panismaha*. Nevertheless, it is evident that the French continued to think of the Pawnee—South Bands and Skiri together—as impressively large in size.

Earlier the fact was stated that the names given the Wichita by both the French and Spaniards in the seventeenth century related to their appearance. Although George A. Dorsey in 1904 (p. 2) wrote of the Wichita as somewhat darker in skin color than the Apache, Kiowa and other neighboring Plains Indians, it seems very likely that the Spanish term *Jumano* and the French name *Paneassa*, a corruption of Chiwere and Dhegiha Siouan *Pani-sewe* or *Pani-sa* meaning Black Pawnee, referred to profuse body tattooing. This was a cultural trait of the Wichita that impressed a number of members of the Coronado and Oñate expeditions. Coronado described the Quiviran women (Pacheco y Cárdenas 3:366) as having "faces more in the manner of the Moors."

Siouan-speaking neighbors to the east of the Wichita had regarded tattooing both as a descriptive and distinguishing trait since apparently it was largely if not entirely absent among the Skiri/South Bands Pawnee and the Arikara. At times Frenchmen differentiated between the Pawnee/Arikara and Wichita by using the names *panis blancs* (white Pawnee) and *panis noirs* (black Pawnee).

Pre-1800 documents yield little information regarding the origin of the Arikara who were evidently first contacted by Frenchmen at the end of the seventeenth century. Under the Chiwere and Dhegiha Siouan names of *p'anyi pútha* or *pátipiza*,

rendered *panibousa* or *panigoucha* and so on by the French (G. Delisle 1701; Tucker 1942:Pl. XIII), they were described by Bergier (Ibid., Pl. XVIII) and the Delisles (1701) as having four large villages. Henri Tonti in 1700 (Delanglez 1939:232) heard they were more numerous than the *panimaha*. Later, V. de Bourgmont in 1714 reported three Arikara villages (Giraud 1958:17) along the Missouri perhaps above the Niobrara. George E. Hyde (1951) believed these to be the "Arikara proper." Higher up the Missouri, Bourgmont introduced the *Caricara* with "40 villages," a figure which appeared on successive maps applied in the 1720s to "*les panis* or Ricara" (Wheat 1957#101), *les panis* (Vermale 1717), and in 1718 to *prairie panis* (Tucker 1942:Pl. XV) before being laid to rest after 1720. B. de La Harpe learned from the Wichita (*Journal Du Voyage*:f. 20) of seven important Arikara villages. Then in 1723 La Renaudière reported that a trader on the Missouri described the Arikara as a "wandering" people (Margry 6:395) evidently comparable to the wandering *Maha* or Omaha who possibly may be identified as proto-Ponca. This would seem to reflect some instability of residence in the 1700s and perhaps a pattern of small hamlets.

To conclude, the ethnohistoric approach reveals that the Wichita and Pawnee, possibly the Arikara, may have had similar lifeways with an economy based on horticulture and hunting when they were first seen and described by Europeans. Their diffuse settlement patterns were evidently similar and like that of the Hasinai Caddo. The Wichita and Caddo proper shared also the possession of grass houses. These dwellings, sheltering one or two families each, were erected in the so-called "permanent" villages. Similar structures made of grass by the Pawnee in 1541 may have represented a construction type that was perpetuated from pre-earthlodge times. Perhaps it came to be used for specialized purposes only. Near each dwelling of the Wichita was the family garden in the manner of the Caddo proper. The cultural relationship between the Wichita, Pawnee (South Band and Skiri), and Arikara was readily recognized by Europeans upon contact, but they did not express perception of divisions within the South Band group until the last quarter of the 18th century. Through the sixteenth and eighteenth centuries, Europeans considered the population number of Plains Caddoans as imposing.

## REFERENCES CITED

- Bénard de La Harpe, Jean-Baptiste  
1718-20 "*Journal Du Voyage De la Louissianne fait Par Le Sr Bernard [sic] De La harpe Et Des DeCouvertes Qu'il a fait Dans la Party de l'ouest De Cette Colonie,*" Archives of France, *Bibliothèque Nationale, MSS. francais* 8989: folios 1-36.
- Bergier, Marc, S.J.  
1702 Letter to Mgr. [François de Montmorency Laval], d. March 13-June 15. Archives of the Seminary of Quebec, *Lettres R*:50.
- Bolton, Herbert E.  
1916 *Spanish Exploration in the Southwest, 1542-1708*. New York: Chas. Scribner's Sons. 1916.  
1949 *Coronado on the Turquoise Trail: Knight of Pueblos and Plains*. Albuquerque: University of New Mexico Press.
- Buckingham Smith, T., ed.  
1857 *Coleccion de Varios Documentos Para la Historia de La Florida y Tierras Adyacentes*. Tomo I. London/Madrid.
- Delanglez, Jean, S.J.  
1939 "Documents: Tonti Letters," in *Mid-America*, n.s. 10/3:209-238.
- Delisle, Claude  
[1702] "*Memoires de Mr le Sueur,*" 1699-1702. Archives of France, *Archives Nationales, Archives de la Marine*, 2JJ56-9.
- Delisle, Guillaume  
1701 *Carte des Environs du Missisipi*. Archives of France, *Service Historique de la Marine, S.H.B.* 4040-4. Copy Geography and Map Division, Library of Congress.
- Dorsey, George A.  
1904 *The Mythology of the Wichita*. Washington, D.C.: Carnegie Institution of Washington.
- Dorsey, J. Owen  
[1883-1.S.I.L. schedule on Quapaw, National Anthropological Archives 4800:278, 1894] Smithsonian Institution.
- Dunbar, John Brown  
1880 "The Pawnee Indians, Their History and Ethnology," *Magazine of American History*, v. 4/4:241-281.
- Franquelin, Jean-Baptiste Louis  
1684 *Carte de la Louisiane//ou//des voyages du Sr. de la Salle//& des pays qu'il a découverte depuis la//Nouvelle France jusqu'au Golfe Mexique, //les anneés 1679, 80. 81 & 82. . . .* Paris. Frontispiece, v. 63, R. G. Thwaites, ed., *The Jesuit Relations and Allied Documents. . .* 1610-1791. Cleveland: Burrows Bros.
- Giraud, Marcel  
1958 "Etienne Véniard de Bourgmont's 'Exact Description of Louisiana,'" *Bulletin, Missouri Historical Society*, 15/1:3-19.
- Gunnerson, Dolores A.  
1974 *The Jicarilla Apaches: A Study in Survival*. DeKalb, Ill.: Northern Illinois University Press.
- Hammond, George P., and Agapito Rey  
1953 *Don Juan de Oñate: Colonizer of New Mexico, 1595-1628*. Albuquerque: University of New Mexico Press. 2 vols.
- Hyde, George E.  
1951 *The Mystery of the Arikaras. North Dakota History*, v 18:187-218.
- Información contra Coronado*.  
1544 *A.G.I., Justicia, leg. 1021, pieza 4*. Transcript in Bolton collection, Bancroft Library, University of California, Berkeley.
- John, Elizabeth A. H.  
1975 *Storms Brewed in Other Men's Worlds: The Confrontation of Indians, Spanish*

- and French in the Southwest, 1540-1795*. College Station: Texas A. & M. University Press.
- Kinnaid, Lawrence, ed.  
1946 *Spain in the Mississippi Valley, 1765-94*, 3 parts, in Annual Report of the American Historical Association for 1945. Washington, D.C.
- Marcy, Randolph B.  
1854 *Exploration of the Red River of Louisiana, in the Year 1852*. 33rd Congress, 1st Session, House of Representatives: Executive Document. Washington, D.C.
- Margry, Pierre, ed.  
1876-86 *Découvertes et Etablissements des Français dans l'Amérique Septentrionale*. Paris. 6 vols.
- Nasatir, Abraham P., ed.  
1952 *Before Lewis and Clark: Documents Illustrating the History of the Missouri, 1785-1804*. 2 vols. St. Louis: St. Louis Historical Documents Foundation.
- Newcomb, W. W., and W. T. Field  
1967 "An Ethnohistoric Investigation of the Wichita Indians in the Southern Plains," pp. 240-354, in Robert E. Bell, Edward B. Jelks, W. W. Newcomb, comps., *A Pilot Study of Wichita Indian Archeology and Ethnohistory*. MS. prepared as Final Report for National Science Foundation.
- Pacheco, D. Joaquin y Francisco de Cárdenas  
1865 *Colección de Documentos Inéditos, Relativos al Descubrimiento, Conquista y Colonización de las posesiones españolas en America*. . . vol. 3. Madrid.
- Sauer, Carl O.  
1934 *The Distribution of Aboriginal Tribes and Languages in Northwestern Mexico*. Ibero-Americana:5. Berkeley: University of California Press, 1934.
- Scholes, Frances V.  
1940 "Documentary Evidence Relating to the Jumano Indians," pp. 271-289, in *Contributions to American Anthropology and History*, Pub. 523. Washington, D.C.: Carnegie Institution of Washington.
- Schroeder, Albert H.  
1962 "A Re-Analysis of the Routes of Coronado and Oñate Into the Plains in 1541 and 1601," *Plains Anthropologist*, 7/15:2-23.
- Tucker, Sara Jones  
1942 "Indian Villages of the Illinois Country," 11, *Scientific Papers*, Illinois State Museum, Pt. 1, Atlas, Springfield, Ill.
- Vermale  
1717 *Carte Generale de la Louisiane ou du Miciscipi*. Archives of France, *Service Historique de la Marine*, B.S.H. C4044-11. Photostat, Geography and Map Division, Library of Congress.
- Wedel, Mildred Mott  
1976 "Ethnohistory: Its Payoffs and Pitfalls for Iowa Archeologists," *Journal of the Iowa Archeological Society*, 23:1-44.  
1979 "Historical Assessment of Deer Creek Site, Kay County, Oklahoma," MS. Final Report for Dept. of the Army, Corps of Engineers, Tulsa District, Tulsa.
- Wedel, Waldo R.  
1942 "Archeological Remains in Central Kansas and Their Possible Bearing on the Location of Quivira," *Smithsonian Miscellaneous Collections*, v. 101, n. 7.  
1959 "An Introduction to Kansas Archeology," Bulletin 174, Bureau of American Ethnology, Smithsonian Institution.
- Wheat, Carl I.  
1957 *Mapping the Transmississippi West 1540-1861*. 5 vols. San Francisco: Institute of Historical Cartography.
- Winship, George Parker  
1892-93 "The Coronado Expedition, 1540-1542," pp. 329-593, 14th Annual Report, Pt. 1, Bureau of American Ethnology, Smithsonian Institution.