

I.e. References to Acquire

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A. Highest priority –references are prioritized–

1. Bryan, Eliza (n.d.) *Journal*

- No. 1 on the Compendium's [Ten Most Wanted](#). It is not known that such a journal exists or even existed. But EB's letter (*Bryan*, 1816) to Lorenzo Dow in *Dow* (1848) is the best single eyewitness account of the 1811-12 earthquakes and the effects of the principal events, D1, J1, F1. The letter, four years after F1, contains a high level of detail, suggesting it was written from notes rather than from memory as she states. Moreover, Flint (*Flint*, 1826, *Recollections...*) describes her as cultured and educated like her mother Dinah Grey (Martin).

2. Lesieur, Godfrey ([Map](#), 1836). "Lesieur's Map" from Linn (1836) in Wetmore (1837)

- No. 2 on the Compendium's [Ten Most Wanted](#). It refers to the map of the Bootheel/sunklands region prepared by Lesieur for Senator Lewis Linn for his report to the Committee on Commerce, 1 Feb 1836. Reference to the map is found in *Linn* (1836), reprinted in *Wetmore* (1837). This is probably the only map that could authoritatively show the St. Francis-Little River drainage basins and drainage pattern prior to 1811.

3. Speed, Mathias[Matthias] (2 March 1812). "From the Bairdstown (Kentucky) Repository"

- No. 3 on the Compendium's [Ten Most Wanted](#). This is the original publication of Matthais (or Mathais) Speed's famous letter recounting his flatboat passage from Island No. 9 to New Madrid on the morning of 7 Feb 1812. Copies of the original *Bardstown Repository* report (2 March 1812) that have been obtained include: *Pennsylvania Gazette* (18 Mar 1812), *Georgetown KY Telegraph* (19 Mar 1812), *Lexington Reporter* (21 Mar 1812), and *Cincinnati Western Spy* (28 Mar 1812). See *Bardstown Repository* (1811-12) for the problems of availability of this source. Speed's account is by far the most valuable for F1, but it is marred by a confusing, contradictory description of the location of the first waterfall/rapids he encountered after passing Island No. 10. If in the original *Repository* letter Speed used "island" in place of "town" in describing the encounter with the waterfall, it would clear everything up—unless Speed actually did write (mistakenly?) "town" in the first place.

4. Le Sueur, Pierre-Charles (1694-1722). "Mémoires de Mr. Le Sueur" ASH*, Paris

- No. 4 on the Compendium's [Ten Most Wanted](#). Le Sueur ascended the Mississippi River in 1700, one of the earliest Europeans to accomplish this feat, and returned in 1701. According to *Delanglez* (1943) "Sources of the Delisle map of America, 1703" pp. 291-293, his memoirs of this voyage with abstract notes by the senior Delisle (Claude) make up "one hundred closely written pages" that constitute "the first scientific survey of the Mississippi River from its mouth to the Falls of St. Anthony." Delanglez states that much French material on the early explorations of the Mississippi River was photographed or transcribed for the Library of Congress (in the 1930s?) but Le Seuer's memoirs were overlooked. It is unclear if the manuscript has ever been transcribed, much less translated, in the 60 years elapsed since Delanglez's investigations. [ASH: Archives du Service Hydrographique]

5. Fort Pickering Log Book

- No. 5 on the Compendium's [Ten Most Wanted](#). Another *Ten Most Wanted* for which its

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existence is in doubt. In 1811 the fort (at the 4 Chickasaw bluff, future site of Memphis) was still an active Indian trading post under factor Robert Bayly, but it is unclear if it was still an active post of the U.S. Army. It is also unclear if a search of the U.S. Archives for the log book has ever been made—or for that matter, if a fort log was ever kept at all.

6. Powell, Christine (1999). detailed account of 1811-12 eqs from Carolina Indians

- No. 6 on the Compendium's [Ten Most Wanted](#). A detailed account of the earthquakes of 1811-12 from the Carolina Indians. The ~20-page account is possibly from the N. C. State Archives. Christine Powell was given a copy by a friend but it was misplaced in the move to Memphis. The "Carolina Indians" are probably the Appalachian Cherokees. This is potentially the best source to document any landsliding that may have occurred in the Appalachians

7. Harris, J. C. (n.d.). Written account of eyewitnesses

- No. 7 on the Compendium's [Ten Most Wanted](#). Cited by *Spears* (1910) *Americana*, "The New Madrid Earthquake Country" p. 327. Harris was the land speculator who bought up most Reelfoot property and attempted to drain the lake with a canal about 1899. *Spears* states he "wrote from memory accounts by residents of the experiences in the tumultuous [sic] earthquake days of 1811-12." [Winfred Smith at UT Martin said (May, 1999) he had been unable to locate this source.]

8. Daughters of the American Revolution (n.d.) "New Madrid Earthquakes, 1811-12, compiled from the New Madrid archive in New Madrid county courthouse"

- No. 8 on the Compendium's [Ten Most Wanted](#). *Penick ref. no. 18*; not cited any other source. *Penick* in his *Essay on Sources* says this is a manuscript compiled by the DAR Lucy Jefferson Lewis Chapter (New Madrid) from the New Madrid archive in New Madrid county courthouse, and it is in the Missouri Historical Society Library, St. Louis. However, the MHS Library has no record of any such manuscript as identified. Mary Sue Anton (see *Anton*, 1994, "Pioneers of New Madrid, Missouri and their Descendants") has suggested that this manuscript is in actuality the manuscript from the MHS Library entered in the Compendium as *LeSieur, F.V. (Col.) "A Creole"* (n.d.) 44 pp., a possibility that may be very difficult to prove or disprove.

9. Roosevelt, Nicholas (ca 1810). —report to Fulton on 1809 reconnaissance voyage

- No. 9 on the Compendium's [Ten Most Wanted](#). Nicholas Roosevelt built the *New Orleans*, the first steamboat on the Ohio-Mississippi River, and took it from Pittsburgh to New Orleans in late 1811 during the D1 New Madrid earthquake sequence (see *Latrobe*, 1871, "First Steamboat Voyage on the Western Waters"). Prior to that he made a reconnaissance voyage in a flatboat in 1809 for his sponsor, Robert Fulton. His report to Fulton was a detailed account on the navigability of the rivers, one that *Ambler* (1932) "History of Transportation in the Ohio Valley" pp. 113, calls "an exhaustive and impressive report." The Compendium should have it. Possibly it's with Fulton's papers?

10. Rozier, Fermin A. ([Map](#), 1845). Rozier's map of the "Submerged Lands of Missouri"

- Tied for No. 10 on the Compendium's [Ten Most Wanted](#). This map was stated by Rozier (*Rozier*, 1890, p. 7) to have accompanied his report to the Southwest Convention of 1845 on land reclamation held in Memphis, Tennessee. It is almost certainly not the same Godfrey Lesieur map used by Sen. Lewis Linn (see *Lesieur*, 1836, and *Ten Most Wanted No. 2*) in his 1837 letter (*Linn*, 1837, in *Wetmore*, 1837). Rozier states that the map was "a topographical map of the submerged lands of South Missouri, which was approved by the Convention and attracted much attention." The Memphis Public Library has the reports of the convention but the

map cannot be located.

11. Graham, Richard (papers) (~1825). MO Hist. Soc.—Indian agent R. Graham's papers

- Tied for No. 10 on the Compendium's [Ten Most Wanted](#). Archived at the Missouri Historical Society, St. Louis. Cited by *Morrow* (1980) "New Madrid and Its Hinterland" p. 248. A good number of Indians—mainly Creek, Delaware, Shawnee and perhaps Cherokee—had settled in the St. Francis River "hinterland" prior to and after the 1811-12 earthquakes. The story of the effect of the quakes on them has never been told; the Richard Graham papers hold the potential to provide perhaps the best first-hand information. Graham was superintendent of Indian Affairs, based in St. Louis (?). Morrow cites numerous letters written to him in the 1820's from New Madrid and Point Pleasant. One in particular could be a potentially important Compendium source: dated 29 January 1826, Samuel Hopkins wrote Graham a letter opposing a rumored government plan to move the Indians further west. In it Hopkins "described the 1811-12 earthquake damage to Graham."

12. Robertson (sp?), Dr. (n.d.). Robertson's list of 500 New Madrid earthquakes

- Dr. Robertson was the government surveyor on the 1806 expedition to the sources of the Arkansas River. In 1811 he was living in St. Genevieve, south of St. Louis. Samuel Mitchill tells us (*Mitchill*, 1814, p. 302-303) that "he [Robertson] had kept a record...of the shocks...until they exceeded *five hundred*, and then ceased to note them any more because he became weary of the task." *Shaler* (1869) "Earthquakes of the Western United States" p 556, makes note of the same without reference to Mitchill. Robertson was prominent enough to have his papers preserved somewhere, but attempts to date to locate them have been unsuccessful.

13. Joint Collection (Street & Nuttli, 1984). "Accounts of the 1811-1812 earthquakes..."

- Could not be located under this name at Mo Hist. Soc. Library, St. Louis or WHMC, Columbia. However, The *Joint Collection* is the Western Historical Manuscript Collection, maintained jointly by the University of Missouri and the State Historical Society of Missouri. It is indexed at <http://www.system.missouri.edu/whmc/>. The *Joint Collection of Street & Nuttli* (1984) is almost certainly the K. Baker scrapbooks [see *Baker* (1882-1934)].

14. Bardstown (Bairdstown) KY Repository (1811-1812). original source newspaper

- One of the Compendium's "Ten Most Wanted." The original source for possibly a number of eyewitness accounts, but certainly so for Matthias Speed (see *Speed*, 2 Mar 1812). Problem is only a few scattered copies known to have survived, eg, Filson Club, U. KY, West. KY U., Antiquarian Soc.

15. Bradford, T.G. (1817). "The Mississippi Navigator" revised & updated

- Printed by T.G. Bradford, Philadelphia(?), 57 pp., 13 maps. Cited by *Yost* (1987) in his reprint of editions 3 & 4 of Zadok Cramer's "Navigator". Calls it a "spurious" edition of Cramer; Howes M661 lists it as a "doubtful" edition. The Western Reserve Historical Association in Cleveland says they have a copy but would not photograph it for Yost. It could be a great addition for the Compendium because as the WRHA file card states: "The changes in the channel of the river, occasioned by the earthquakes and the current, are given here, by a gentleman who ascended the river a few months since." [underline added]

16. Elliot, D. O. ([Map](#), 1932). "Improvement of Lower Miss River..." —3 vols., plus ~5 maps

- Full title: "The Improvement of the Lower Mississippi River for Flood control and Navigation"

U.S. Army Engineers Waterways Experiment Station, Vicksburg MS. Cited by *Bragg* (1977) "Historic Names and Places on the Lower Miss. Riv." The maps, as cited by *Anthony* (1987) "River at the Door," are "Progressive channel changes, lower Mississippi River, 1765 to 1930". These maps are large scale and full color; the channels depicted begin with *Ross* (*Map*, 1765) and end with various surveys of the Mississippi River Commission. A full set of them are needed for the Compendium.

17. *Ross, (Captain) Charles (1847). "The Earthquake of 1811 at New Madrid..."*

- Full title: "The Earthquake of 1811 at New Madrid and along the Mississippi Valley, together with Other Tales" entered by George Conclin, Cincinnati. Cited by *Botkin* (1955) "Treasurer of Mississippi River Folklore" p. 527. It appears this is not the same reference as *Ross* (1846) "Legend of the Memorable Earthquake of 1811" in *Cummings* (1847) "The Western Pilot". Believed to be a separate book or booklet, although containing the *Ross* (1846) Reelfoot hunting trip story. Title and page numbers are different. Not found in library searches or on the internet

18. *Book E — Office of Recorder of Land Titles (?date?). 2 old plats, Spanish New Madrid*

- "Note of Reference. For two old Spanish plats of the Town of New Madrid, see the record thereof of book # p. 149 and pages 265 & 266 in the Office of Recorder of land titles-" –Found on the 1862 revision of the Joseph C. Brown "Plat of the Town of New Madrid" (1845). Note is in handwriting of Wm Cuddy, Surveyor General, IL & Mo. [n.b. Ben Ashley, New Madrid County Recorder states that Book E is not in New Madrid County Courthouse; allowed it could be in St. Louis or Jefferson City or "Dept. of Interior" in Washington.]

19. *Hager, A. D. (1871?). report on New Madrid earthquakes, including G. Lesieur letter*

- Hager was the Missouri state geologist who corresponded with Godfrey Lesieur, trying to learn all Lesieur could tell him about the 1811-12 earthquakes. (By the 1870s Lesieur was an old man; Hager was probably conducting an oral history project while it was still possible.) *Lesieur* (9 Mar 1872) reprints a letter to him from Hager in which the geologist ventures to "ask a few more questions...which you [Lesieur] may answer if you find time, and I will engraft them into your letter *in the report* [italics added]." There is not a known Hager report on the New Madrid earthquakes. If he did draft one, it possibly could contain the "Ten Most Wanted" Lesieur map (see *Lesieur*, 1836) as well as additional information from Lesieur not in extracted accounts such as the ones Penick cites in *Campbell* (1874) and *Switzler* (1879) or Fuller cites in *Goodspeed* (1888) or Viitanen cites in *Douglass* (1912).

20. *Humbolt, Alexander von (1849). "Cosmos" [probably just Volume 1]*

- *Fuller ref. no. 28; Penick ref. no. 96.* Translated by E.C. Otté, publ. by H.G. Bohm, London, 5 vols. Humbolt is frequently cited (e.g., Shrum, 1989) for observing that the 1811-12 sequence was one of the few instances of such a protracted sequence that was not associated with volcanoes. He was a highly respected and competent scientist of his day. His observations on earthquakes in general and New Madrid in particular should be highly relevant to the Compendium.

21. *Mandeville, Marigny de (Map, 1763). "Carte Composée des Differents Ouvrages...."*

- Full title: *carte Composée des Differents ouvrages de Messieurs les Ingenieurs qui ont été á Louisiane.* Two known copies, one at the *Archives Hydrographiques* in Paris, the other at the Clements Library, Univ. of Michigan, Ann Arbor. For the Clements copy, *McDermott* (1970) in his Introduction to *Pittman* (1770*b*) states no accession information is given, but it has a Brun no. 686 from *Brun* (1959) "Guide to the Manuscript Maps in the William L. Clements Library." This map is important because according to *McDermott*, Mandeville's work was an important,

unacknowledged resource used by both Lt. Ross and Capt. Pittman in drafting their key maps of the Mississippi River (Ross, 1765; Pittman, 1770). Mandeville's map may be the best bridge between *Delisle* (1718) and *Ross* (1765).

22. Mississippi River Comm. (Map, 1938). "Lower Mississippi River: Early Stream Channels..."

- Cairo ILL. To Baton Rouge, LA at approx. half-century intervals. Series of at least 5 large map sheets showing the channels of the Mississippi River in the following time periods: (1) 1765, taken from *Ross* (1765) "Course of the Mississippi...", even though *Ross*'s map had very poor longitude control; (2) 1820-1830, from U.S. Land Office (Township & Range) surveys; (3) 1881-1893, Miss. River Commission surveys; (4) 1930-1932, Miss. River Comm. Surveys. These are handsomely produced full color maps. Obtained: copy of Sheet #2 of the Madrid bend region, but the color is not good. Need a set covering from Cairo to at least the mouth of the St. Francis for the Compendium.

23. Cramer, Zadok (1802-1824). "The Navigator" 2nd edition (1802) through 12th (1824)

Fuller ref. no. 11 (11th edit.), *Penick ref. no. 37* (8th edit.), *Stewart & Knox ref. no. 24* (10th edit.), *Viitanen ref. no. 58* (8th edit., from *Leahy*, 1931). Cramer's river guides were indispensable to river travelers for the first two decades of the 19th century. He numbered the islands, and in the 8th (1814, but observations were from winter, 1812) edition, he offers acute observations on New Madrid and the effects of the 1811-12 earthquakes. For the Compendium we have obtained copies of the 3rd and 4th editions (from *Yost*, 1987), 6th (1808) from the Mississippi Valley Collection, Univ. of Memphis, and 8th (1814) from University Microfilms. Especially needed are the 5th edition (1806, the first to include river maps), and the 7th edition (1811). Cramer died in 1813 but his partners continued editions 9, 10, 11, and 12 (1817-1824). These need to be scanned to see if updates on river conditions continued. The maps were never changed from the 5th edition originals.

24. Foster, __ (Dr.) (16 Jan 1812). "More of the Earthquake" 1 *Farmer's Repository*

- Dr. Foster was the traveling companion of D1 Primary Eyewitness Daniel Bedinger. We only know his name because Bedinger mentions it; his own letters as extracted and published in various newspapers are always unsigned. The most complete account that we know of (*Farmer's Repository*, 28 Feb 1812) has been transcribed by *Street* (1984) pp. A286-A292. Other known extracts thought to be by Dr. Foster are "The Earthquake" (*Pittsburgh Gazette*, 31 Jan 1812), transcribed in the *Nuttli* (1973) microfiche, and "The Earthquake" (*Farmer's Repository*, 31 Jan 1812), transcribed in *Street* (1984) p. A284. Undoubtedly, there are other letters or manuscripts extant from this careful and prolific observer.

25. Melish, John (Map, 1816-1826). "Map of the United States ..."

- Full title: "Map of the United States with Contiguous British & Spanish Possessions" No other publ./printing information available. *Ristow* (1985) in "American Maps and Mapmakers" pp 185-86, calls this map "a significant milestone in the history of American commercial cartography." It was issued in numerous states of the original 1816 edition. The fifth state (1818) was the official map used in the Adams-Onis Treaty of 1819 that set the boundary between the U.S. and Spanish territory. Five presidents (J. Adams, J.Q. Adams, Jefferson, Madison, Monroe) owned copies. Rated *Code A* for its time period and importance. Compendium-quality copy needed. Nearly illegible photocopy from *Ristow* (1985) possibly shows two new Bootheel lakes and perhaps Reelfoot Lake.

26. Wheat, Carl I. (1957-1963). "Mapping the Transmississippi West 1540—

1861"

- Inst. Of Hist. Cartography, 5 vols., Grabhorn Press, Taylor & Taylor, and the James Printing Co., printers, San Francisco. Describes over 1300 maps, 300 in facsimile. Regarded as the authoritative work on Mississippi Valley cartography; hence, it should prove a valuable cartography reference for the Compendium, Part III, Maps & Photos.

27. Bratton, Samuel Tilden (1926). "The Geography of the St. Francis Basin"

- Univ. of Missouri Studies: A Quarterly of Research, Vol. 1. Cited by *Bennitt & Nagel* (1933) "A Survey of Resident Game and Furbearers of Missouri". The St. Francis drainage basin is critical to the understanding of the deformation associated with the 1811-12 earthquakes.

28. Finiels, Nicolas de (1797 & 1798). "Carte d'une Partie du Cours du Mississippi..."

- Small, partially illegible, image from *Ekberg & Foley*, eds. (1989) "An Account of Upper Louisiana by Nicolas de Finiels" p. 23. The editors describe this map as "meticulous" and "undeniably the best ever done of the eighteenth-century Illinois Country [central Mississippi Valley]." It's important to acquire for the Compendium because it extends south to fully include New Madrid and Madrid Bend in considerable detail. This map is the same date (late 1700s) as the Ellicott surveyed map of the Mississippi in *Ellicott* (1803) yet the configuration of Madrid Bend is quite different between the two maps. Why?

29. Frazer, Robert (Map, 1807). hand-drawn map of Lewis & Clark Expedition

- Cited, with image from the Library of Congress, in *Bourne* (1995) "Americans on the Move" pp. 46-47. That's all the information we have on this map. It appears to have good detail for the Mississippi River and Valley in the Compendium study region, specifically what appears to be a string of lakes for either the St. Francis or Prunes River.

30. Hunter-Dawson Family Papers (1819—). Archive in Mississippi Valley Collection

- Archived in the Mississippi Valley Collection (MVC) of the Univ. of Memphis libraries, 3 series, 9.75 cu. ft. From it have acquired a 2-page genealogy of the Hunter & Dawson families and a 2-page scope & content of the papers. Need to review the rest for (a) development of New Madrid, 1820-1870, and (b) any mention of Eliza Bryan or the earthquakes.

31. Kroll, Harry Harrison (1919-1965). Mississippi Valley Collection Papers

- Kroll's papers (8 cartons, MVP 2008) are archived in the Mississippi Valley Collection (MVC) of the Univ. of Memphis Libraries. He was the author (*Kroll*, 1945) of "Fury in the Earth," a novel of the New Madrid earthquake. The collection need to be systematically searched for any source materials used. Kroll, from Dyersburg TN, mentions in a postscript to *Fury* (p. 264) "newspaper clippings, many very old, from papers in Obion, Weakley and other counties hereabouts...".

32. Audubon, John James (1929). "Journal...Made during his Trip to New Orleans, 1820-21"

- Cited by *Bragg* (1977) "Historic Names and Places on the LMR" and *Allen* (1990) "Western Rivermen". Would provide a circa 1820 Audubon viewpoint of the Arkansas Post, Memphis and perhaps New Madrid.

33. Colton, J. H. (Map, 1852). "Map of Missouri" – from *E. E. Shrum* (1989), p. 81

- Identified from the image between p. 81 & 82 of *Shrum's* (1989) "The Real New Madrid Earthquake". This is a different, more detailed map of the Bootheel than the entire state maps

of Colton from his General Atlases of the mid- to late-1850s (eg, *Colton*, 1855a). Shrum's image does not give the map title but the caption gives an 1852 date and states that the original is in the collection of the State Historical Society of Missouri. The detail is admirable: the township grid is shown, swampland is delineated and differentiated from the "permanent" lakes such as L. Peimisco, L. Nicormy, L. St. Mary, L. St. John. Sikestown Ridge was surrounded by water

34. Fisk, Harold N. (1944). "Geological Investigations of the Alluvial Valley..."

- *Stewart & Knox ref. no. 35*. US Army Corps of Engineers, Vicksburg. Have the full set of 22 of Fisk's map of the former channels of the Mississippi River but needed is an original edition of the text with its many photos, charts and cross-sections. This was the classic study of the Lower Mississippi Valley until superceded by *Saucier* (1994).

35. Bernard, S. & J. S. Totten (1824?). "Report of the Board of Engineers..."

- Cited by *Hunter* (1949) "Steamboats on the Western Rivers" p. 193. This is the report to Congress that accompanied the *Young, Poissin, Tuttle* (1821) map folio.

36. Campbell, Robert A. [ed.] (1874). "Campbell's Gazetteer of Missouri...."

- *Penick ref. no. 16*. Call no. F464.C18 1874. Early source for the Lesieur account. Contains secondary accounts from more recent sources. Has a companion atlas (*Campbell*, 1873). Need to scan the entire Gazetteer for relevant material.

37. Warren, Gouverneur K. (Map, 1855). "Map of Routes for a Pacific Railroad"

- Published in 1859 as part of Vol. II of the 13-volume *Pacific Railroad Reports*. The eastern portion of the map was compiled and engraved in 1854 (*Wilford*, 1981, "The Mapmakers"). Warren completed the entire *General Map* in 1857 so this reference may be for the eastern portion only. *Wheat* (1957-63) in "Mapping the Transmississippi West" declares of the *General Map* that "subsequent efforts in the way of maps may properly be deemed merely filling in the detail."

38. Collot, Victor (1826). "A Journey in North America"

- *Penick ref. no. 118*: also cited by *Bragg* (1977) "Historic Names & Places on the Lower Miss. River". A reprint edition (1974) is available from AMS Press, New York. Collot, an engineer, was one of these traveling "spies" that the European powers—in this case, France—sent to the Mississippi Valley in the 18th century. He did a fine map of New Madrid (*Collot*, 1796b) and provides a pre-earthquake view of Spanish New Madrid in 1796.

39. Arkansas Gazette (1819-1836+) [Ark Post/Little Rock] Newspaper source index

- Important source newspaper even though not in publication in 1811-12. Complete scan needed

40. Aurora, The (1794-1820+) [weekly, Philadelphia] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

41. Connecticut Mirror (1809-1820+) [Hartford, CT] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

42. Farmer's Repository (1808-1820+) [Charleston WV] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

43. Lexington American Statesman (1811-1813) Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

44. Louisiana Gazette (1808-1812) [weekly, St. Louis] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

45. Northern Whig (1809-1820+) [weekly, Hudson, NY] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

46. Pittsburgh Gazette (1786-1820+) [Pittsburgh PA] Newspaper source index

- Important source newspaper for potential Compendium material. Complete scan needed

47. Raleigh Register (1799-1820) Newspaper Source Index

- Important source newspaper for potential Compendium material. Complete scan needed

B. Good probability of useful info

1. Anton, Mary Sue Shy (1994). "Pioneers of New Madrid, Missouri, & their Descendants"

- Spare Room Publ., Charlotte NC, 196 pp. A copy is in the Missouri Historical Society Library, St. Louis, call no. MO 9.11 N461a.

2. Applegate, Col. & Dr. Brookway (n.d.). description of Mo. Bootheel region before 1811

- Ref. by *WPA-HRS* (1935-42) section on Dunklin County. "East of Castor River and White Water or Little River, the country was described by Dr. Brookway through Col. Applegate as being before the earthquakes nearly level but not swampy, a beautiful country all the way to Point Pleasant..." No other information available. Perhaps to be found in the Joint Collection (WHMC, Univ. of Missouri, Columbia).

3. Arksey, L., N. Pries & M. Reed (1983). "American Diaries: An Annotated Bibliography"

- Cited in *Ebel* (1996) *SRL*, v.67, no.3, 51-68. Describes all published American diaries, 1492-1844. A potentially important Compendium reference resource.

4. Ashe, Thomas (1809). "Travels in America Performed in the Year 1806"

- *Penick ref. no.120; Stewart & Knox ref. no. 7.* — Letters 34 through 39 have been obtained. Needed to complete: Introd., Letter 33 (mouth of Miss. Riv.), Letter 40 (New Madrid?) and the Appendix (by Z. Cramer?)

5. Audubon, John James (1897). "Audubon and His Journals" [ed., Marie R. Audubon]

- *Fuller ref. no. 1, Street no. 2, Penick no. 22, & Viitanen no. 18. Street* (1984), p. A129,

transcribed Audubon's description of experiencing a shock, Nov. 1812 (probably a mistake in date) — rest of the volume needs examining for the Compendium.

6. Baldwin, Leland D. (1941). "The Keelboat Age on Western Waters"

- Cited by *Davis* (1995) "A Way through the Wilderness" as stating that the number of boats or crews lost in D1 approached 60. F351.B18 in the Mississippi Valley Collection, U. Memphis,

7. Balesi, C. J. (1992). "The Time of the French in the Heart of N. Amer. (1673-1818)"

- *Stewart & Knox* ref. 12. Not cited, any other source.

8. Bogardus, Carl (1961). "The First Steamboat on Western Waters" —J. Latrobe, edited

- Voyage of the steamboat *New Orleans*. "Although Bogardus is given pride of place on the title-page this is principally a re-issue of Mr. Latrobe's *The First Steamboat Voyage...*" Bogardus has added some material and a bibliography.

9. Bossu, Jean-Bernard (1962). "Travels in the Interior of North America, 1751-1762"

- Cited by *Dickinson* (1984) "Lake Mitchegamas and the St. Francis" For the pre-earthquake observer file. Available as v. 35 or the Amer. Exploration and Travel Series, ed. & trans. By S. Feiler (Norman OK), publ. In 1962.

10. Bradford, T. G. (Map, 1838a). map of Missouri —*Ogilvie* (1970) ref.

- Cited by *Ogilvie* (1970) "Governmental Efforts at Reclamation in the SE Lowlands" p. 155, 157. No title given but the small image on p. 157 of *Ogilvie* suggests it's just the SE Missouri lowlands in considerable detail. That, plus the date make this a desirable map for the Compendium.

11. Bradley, Abraham (Map, 1796). "Map of the United States, Exhibiting the Post Roads..."

- Reference map from *Ristow* (1985) "American Maps & Mapmakers" p. 70. Bradley was assistant postmaster general so this map, with later editions through at least 1829, had claim to official status. Shows entire eastern U.S. so detail for lower Miss. Valley lacking. Nevertheless, according to *Ristow* "Bradley's map differs significantly from those published earlier in that it was not copied in whole or in part from other cartographic works." It represents a clear break from European-dominated mapmaking.

12. Braunm, Michael (n.d.). in WPA HRS for Dunklin County; also in *Smyth-Davis* (1896)

- Folder 6944 of Collection 3551 in the U.S. Works Progress Administration, Historical Records Survey, Missouri, 1935-1942. We have the Primary Eyewitness Michael Braunm account [*Braunm* (1896)] published in *Smyth-Davis* (1896). However, it needs to be compared with this one-checked for changes.

13. Burr, David H. (Map, 1839d). "Map of Illinois & Missouri Exhibiting the Post Offices..."

- Washington DC. Burr was Geographer to the House of Representatives of the U.S. Already in

the Compendium are "Map of Kentucky and Tennessee" (*Burr*, 1839*b*) and "Map of Mississippi, Louisiana & Arkansas" (*Burr*, 1839*c*); need Missouri and Illinois to complete the set of these fine, detailed maps.

14. Caldwell, Norman W. (1941). "The Red River Raft" *Chronicles of Oklahoma* [RR]
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- In *Chronicles of Oklahoma*, XIX, pp. 253-268. Cited by *Hunter* (1949) "Steamboats on the Western Rivers" p. 196. The Red River log raft is a Special Interest Topic because of the reports (myths) that Caddo Lake was formed by the 1811-12 earthquakes.

15. Carter, Clarence E. (1953-54). "Territorial Papers of the U.S. — Arkansas, 1819-1836"
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- *Viitanen ref. no. 87 & 89* for letters from William Rector and John Scott to Josiah Meigs. Similar to *Carter* (1948-49) except specifically for the Territory of Arkansas after Missouri became a state so it covers the period 1819 to 1836 in three volumes. Even though it doesn't cover 1811-12, it needs to be reviewed for relevant Compendium material, especially dealing with the drainage problems in NE Arkansas.

16. Cary, John (Map, 1811). "A New Map of Part of the United States of North America..."
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- "Exhibiting the Western Territory, Kentucky, Pennsylvania, Maryland and Virginia, etc." *Code B* because of the 1811 date.

17. Casseday, Ben (1852). "History of Louisville from Earliest Settlement until... 1852"
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- *Fuller ref. no. 10; Penick ref. no. 29*. Also cited in *Krinitzsky* (1950). Published in Louisville by Hull & Brothers. One of two source publications for the Jared Brooks record of New Madrid earthquakes, the other being an appendix to *McMurtrie* (1819) "Sketches of Louisville..." Needed for a careful comparison of Brooks in *Casseday* vs *McMurtrie*.

18. Clark, Arthur H. (1904). unpagged Preface in Ruben Gold Thwaites (1904) vol. 5
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- Preface & pp. 201-208, 211 cited by *Fradkin* (1998) "Magnitude 8" source notes, p. 285. [*n.b.* Clark may be the publisher in which case this reference must be revised to R.G. Thwaites.]

19. Cochran, K.J.H. (1992). "The World Discovered the Region in 1811" Allen Holloman
-

- *Stewart & Knox ref. no. 22*. *Southeast Missourian*, Cape Girardeau newspaper, 5 Feb. 1992, p. 7A. Contains an eyewitness account [Allen Holloman] about premonitory animal behavior prior to D1.

20. Conclin, George (1855). "Conclin's New River Guide..."
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- One of several editions, 1840s & 1850s, these river guides were successors to the "Western Pilot" series of guides (*Cummings*, 1822-1847). In fact, Conclin was the publisher for *Cummings*, and he uses the same river maps as *Cummings* in his guide. These maps, although much superior to the crude woodcuts of *Zadok Cramer* (*Cramer*, ~1803 to ~1818) are still spatially quite distorted. *Cramer* to *Cummings* to *Conclin*, each with numerous editions, spans the river guide era from the Louisiana Purchase to the Civil War.

21. Crist, George Heinrich (1738—). Crist Family Diary [D1,J1,F1, near Louisville

KY]

- Partially maintained by Virtual Times, Inc., Huntsville, Alabama, at <http://www.hsv.com/genlintr/newmadr> . Downloaded from the web for the Compendium but entire diary needs to be scanned for relevant material. *Stewart & Knox* (1995) quote portions of the diary (eg, p.136).

22. Cumings, Samuel (Map, 1822). "The Western Navigator..." 1st edition

- According to *Ristow* (1985) "American Maps and Mapmakers" p. 237, Cumings was the most successful river guide successor to Zadok Cramer. This first edition was in two volumes and expensive. Subsequent editions (*Cumings*, 1825-54) combined to one volume under the title "The Western Pilot". As with Cramer, the information content differed among the editions so all are needed for entry in the Compendium.

23. Darby, William (1818). "The Emigrant's Guide to the Western and Southwestern States"

- *Penick ref. no. 123*. Publ. By Kirk & Merclin, New York, 311 pp. Includes two maps. *Reps* (1965) "American Maps and Mapmakers" p. 484 quotes from page 141 of the *Guide* about New Madrid: "New Madrid has received a celebrity that must astonish those who ever visited the place in open day. The ground...is exposed to the ravages of...[the Mississippi]...to whose force it has, to a great measure, yielded. The town is environed, both above and below, with stagnant creeks."

24. DePaepe, Duane (1980). "Mammoth Cave & the New Madrid Earthquakes of 1811-1812"

- *Cave Research Foundation Annual Report*, vol. 33. Cited by *George & O'Dell* (1992) p. 15 as reporting rockfalls within the cave and surface rockfalls into nearby Green River.

25. Dewey, James & Perry Byerly (1969). "The Early History of Seismometry (to 1906)"

- *BSSA*, vol. 59, no. 1, pp. 183-227. Makes mention of the Jared Brooks arrangement of pendulums, Wish to obtain a reprint copy for the Compendium."

26. Dial, Marshall (n.d.). "An Era in Middle America" *J. Clifton* (1980) reference

- Cited by *Clifton* (1980) "Reelfoot and the New Madrid Quake" p. 27. Clifton says it gives a historical background of New Madrid and the Bootheel. No date or publ. Info. Dial was the New Madrid County librarian.

27. Dickson, Bruce D. & L.J. Campbell (1979). "Reelfoot & L. Isom Nat'l Wildlife Refuges"

- A Cultural Resources Survey. New World Research Report of Investigations 20. Cited by *Anderson* (1987) "Archaeological Survey along the Obion River."

28. Donaldson, L. (n.d.). "Old Timer's Recollections"

- Cited by *Peacock* (1973) "Reelfoot Lake State Park" p. 218 for information concerning the old Indian trail from the Reelfoot bluffs up into Madrid bend across from New Madrid. No date given. Donaldson was Lake County, Tenn.'s earliest local historian This may have been a column in the *Lake County Banner*, much like his son, R.C. Donaldson, did in the 1940s with his *Lake County Bygones* column (see, eg, *Donaldson*, 1947a).

29. Donaldson, R. C. (1934-60). "The R. C. Donaldson Papers, 1934-1960" MVC

- Cited by *Mueller* (1990) "Lost in the Annals" as an authority on west Tennessee history and Indian pre-history, especially the Reelfoot/Tiptonville area. Papers are housed in the Mississippi Valley Collection, Univ. of Memphis.

30. Donaldson, R. C. (1956). "Editor of Unpubl. Diaries of Council Peacock & M. Griffith"

- *Lake County Banner* (Tiptonville, TN), July 1956. Cited by *Mueller* (1990) "Lost in the Annals." It's unclear if this newspaper article is about Donaldson, the local historian, or about the Peacock/Griffith diaries.

31. Evans, Estwick (1819). "A Pedestrious Tour, of 4000 miles, the Western States..."

- *Penick ref. no. 55*. Joseph C. Spear Publ., Concord, N.H. Full title: "A Pedestrious Tour, of Four Thousand Miles, through the Western States and Territories during the Winter and Spring of 1818." *Post-Earthquake Observer*; *Penick* says it's "full of colorful details."

32. Farrar, J. & Bowditch, N. (1815). "Observations of the Comet of 1811" & "Elements.."

- *Penick ref. no. 60*. Actually two articles on the Comet of 1811: John Farrar ("Observations of the Comet of 1811") and Nathaniel Bowditch ("Elements of the Orbit of the Comet of 1811"), both in *Memoirs of the American Academy of Arts and Sciences*, vol. 3 (1815), pp. 308-326.

33. Featherstone, Graden (n.d.). "Eyewitness Accounts of the 1811-12 Earthquakes..."

- The full title may have been: "Eyewitness Accounts of the 1811-12 Earthquakes that Formed Reelfoot Lake." A poor copy of six pages (pages 4-9) of this typeset manuscript was found in an old notebook at CERL. Who copied it and who filed it is unknown. The material (the 1816 Eliza Bryan letter, a brief bio of Eliza and her descendants, and the John Hardeman Walker Reelfoot account) appears to be taken directly from the LeSieur "Early History" manuscript (*LeSieur*, 1893) in the Missouri Historical Society library, St. Louis. Stamped on several pages of the manuscript is "Graden Featherstone, PO Box 223, McKenzie, TN 38201." Inquiries to this address are unanswered. A full copy of this enigmatic source is needed for the Compendium.

34. Fetherstonhaugh (1835) report to Congress

- Cited by *Bek* (1929) in "George Engelmann, Man of Science." According to *Bek*, Fetherstonhaugh was a geologist who was "directed by the federal government to travel thru Missouri and Arkansas to study the new country. He made his report to Congress in 1835." No other information available.

35. Finley, A. (Map, 1824). map of Missouri

- Cited by *Ogilvie* (1970) "Gov. Efforts at Reclamation in the SE Lowlands" p. 155, without title or publ. info. From his description of the map showing "the area [SE MO] as one of swampland with many large lakes" the map may just be of the Bootheel area. Because of this and the early post-earthquake date, a relatively high *Code B* is assigned for Compendium acquisition.

36. Flint, Timothy (1828). "The History and Geography of the Mississippi Valley"

- *Fuller ref. no 16*; *Penick ref. no. 57*; *Viitanen ref. no. 63*. E.H. Flint & L.R. Lincoln, Cincinnati. Two volumes, 2nd and 3rd editions in 1832 & 1833. For the 1811-12 earthquakes this gives the

same account as the widely quoted *Flint* (1826) "Recollections of the Last Ten Years." Other useful information on the history and geography of the Lower Mississippi Valley is scattered through the rest of the text.

37. Franquelin, Jean-Baptiste Louis (Map, 1684?). "Map of the Northern Part of America"

- This map is a blanket-size parchment, which *Havighurst* (1964) in *Voices on the River* calls the "greatest of all the maps of New France." A small image of the map from the National Archives of Canada shows it would be a good starter map (after *Marquette*, 1673) for showing the evolution of knowledge of the course of the Mississippi over time. Hopefully there is a good quality reproduction somewhere that can be obtained.

38. Goodspeed Publishing Co. (1887). "History of Tennessee from Earliest Times..."

- Nashville, 1087 pp. There may be a separate edition(s) for west Tennessee counties.

39. Grohskopf, J. G. (1955) "Subsurface Geology of the Miss. Embayment of SE Mo."

- *Stewart & Knox ref. no. 44*. Missouri Geol Surv. & Water Resources, vol. 37. One of the most important and frequently cited early studies of the Mississippi embayment sedimentary composition and structure.

40. Heidenreich, C.A. & E.H. Dahl (1982). "The French Mapping of North Amer., 1600-1760"

- A potentially good reference for the early French mapping of the North American interior. Originally published in *The Map Collector* as "The French Mapping of North America in the 17th Century" (issue 13, Dec. 1980, pp. 2-11) and "The French Mapping of North America, 1700-1760" (issue 19, Jun., 1982, pp. 2-7). Reprinted with additions by Abacus Press, Berkhamsted, England, Sep. 1982)

41. Hennepin, Louis (1683 Fr.; 1698 Eng.). "A New Discovery of a Vast Country in America"

- French edition, Paris, 1683; English edition, London, 1698; also reprinted by Univ. Microfilms, Ann Arbor (1966), transl. By John Gilmary Shea, 407 pp. Despite major flaws, Hennepin represents one of the earliest sources for a description of the Mississippi River and Valley.

42. Herrick, F. N. (1917). "Audubon — The Naturalist"

- D. Appleton & Co., 280 pp. Cited by *Street* (1984) p. A129. Herrick says that "Audubon was notoriously poor in keeping his dates straight" to explain why Audubon, in his journal *Audubon* (1897), states that he was "[t]raveling through the Barrens of Kentucky...in the month of November" when he experienced an earthquake [thought to be J1, 23 January 1812, event , the only principal event during daylight].

43. Hobbs, William Herbert (1907a). "Earthquakes, An Introduction to Seismic Geology"

- Cited by *Moneymaker* (1954) "Earthquakes in Tennessee" Desirable to scan for any New Madrid material and to sample an early instrumental era viewpoint.

44. Hunt, Theodore (1825) "Hunt's Minutes": Spanish land grant claims testimony

- *Hunt's Minutes* are defined in *Houck* (1908) vol. III, pp. 50-51 as the minutes of Theodore Hunt, recorder of land titles for Missouri, from testimony given before him from 1825 to 1829 by persons who needed to prove the authenticity of their land titles, which were originally land grants from the Spanish regime prior to 1802. A literal copy with index of the *Minutes* by Idress Head was presented to the Missouri Historical Society, St. Louis, by Louis Houck. A copy of the New Madrid region testimony (pp. 144-153) in the *Minutes* has been obtained. Still needed is a copy of the index of the entire *Minutes* as well as any testimony from the Little Prairie and Cape Girardeau regions.

45. Hunter, S.B. & M. Hunter (2nd ed., 1997). "The Joseph Hunter & Related Families..."

- Full title: "The Joseph Hunter & Related Families of Southeast Missouri". The 2nd edition is edited by B.B. Moore, publ. in 2 vols. By Southern Historical Press. Recommended by Mary Sue Anton (see *Anton*, 1994) as containing much useful information about early New Madrid.

46. James, Edwin (1823). "Account of an Expedition from Pittsburgh to the Rocky Mnts"

- *Fuller ref. no. 29; Penick ref. no. 33; Viitanen ref. no. 33.* Fuller references the original edition that has "...under the Command of Maj. Stephen H. Long" in the title, Philadelphia, 2 vols. and says Edwin "describes the effects of the earthquake on Indians of the upper Missouri country and gives an account of one of the later shocks at Cape Girardeau. The nonvolcanic origin of the shocks is affirmed." Penick references a University Microfilms (Ann Arbor) reprint of the original; Viitanen references the *Thwaites* (1904) reprint (*Early Western Travels*, vol. XV, Arthur H. Clark, Cleveland) with "...Performed in the Years 1819, 1820" added to the title. There is at least one other (abridged) reprint edition by the Imprint Society, Barre Mass., 547 pp. We have copies of the pages that covers the points referenced by Fuller; need to review the rest for any relevant Compendium material, especially descriptions of the Lower Mississippi Valley, which the expedition passed through on return from the Arkansas River.

47. Ker, Henry (1816). "Travels through the Western Interior of the U.S. ...1808 to 1816"

- Printed for the author, Elizabethtown NJ, 376 pp. Potential Pre-(or Post?) Earthquake Observer. Cited by *Peck* (1843) "Descriptive Catalog..." who says a segment of his travel was down the Tennessee to the Ohio and Mississippi and thence to New Orleans.

48. Kochtitzky, Otto (1931). "The Story of a Busy Life" –Ramfre Press

- 1957 edition, Ramfre Press, Cape Girardeau MO, 172 pp. Kochtitzky was a principal participant in massive drainage project that established the Little River Drainage District in the Missouri Bootheel in the first decades of the 20th century. Already obtained a copy of Chpt 3 "New Madrid Earthquake." Need to scan the rest of the book, particularly the last three chapters, for relevant Compendium material.

49. Latrobe, Charles Joseph (1835). "The Rambler in North America"

- *Fuller ref. no. 30; Penick ref. no. 41; Viitanen ref. no. 29; Street ref. no. 13.* R.B. Seeley & W. Burnside, Publ., London, 2 vols. C. Latrobe's of the voyage of the steamboat *New Orleans* down the Ohio & Mississippi Rivers during the 1811-12 earthquakes is widely quoted, along with *J.H.B. Latrobe* (1871) "First Steamboat Voyage on the Western Waters." The section of the *Rambler* dealing with the *New Orleans* and the New Madrid earthquakes has been obtained (pp. 98-111); however, the rest of the book needs to be reviewed for relevant Compendium material, particularly covering when Latrobe was on the river Mississippi.

50. Lee, Edmund F. (1835). "Notes on Mammoth Cave" *rockfalls on Green River*,

KY

- Cincinnati, p. 10(?); reprinted in *Journal of Spelean History*, vol. 2 (Spring, 1969) p. 29(?). Lee was the civil engineer who did the first transit survey of Mammoth Cave. As cited in *George & O'Dell* (1992) "Saltpeter Works at Mammoth Cave & the New Madrid Earthquakes" p. 14, Lee observed that "[l]arge rocks sometimes become detached from the cliffs and tumble into the river with a tremendous noise, crashing every thing before them. During the earthquake of 1811 so many fell, as materially to impede the navigation of the river." Green River KY is ~300 km from the NMSZ..

51. LeSieur, Godfrey (1867-1870). series of articles in the *New Madrid Weekly Record*

- Godfrey LeSieur is one of the most oft-quoted *Primary Eyewitnesses* of the New Madrid earthquakes. Problems arise, however, in evaluating LeSieur's observations. He was 13 years old in 1811 but his main recollections weren't recorded until he was in his 70s. The original and best LeSieur sources are also obscure as he wrote mainly in letters or old newspaper columns (see *LeSieur*, 1874-1912, for a selection of extracts). This reference to *LeSieur* (1867-1870) comes from *The New Madrid Weekly Record* (*Chartier*, 1881), which stated that LeSieur had penned a number of "interesting articles" that appeared in that paper in 1867-68-69 & 70. The trouble is all the old copies of the *Record* were destroyed by a fire in the Spring of 1881. Hence these earliest writings of LeSieur may never be found; however, *LeSieur* (8 & 9 March 1872) in the *St. Louis Republican* may be the same material. The *Godfrey LeSieur Papers* (1806-1851) in the *Missouri Historical Society*, St. Louis, although predating all the above, need to be carefully reviewed. This source is only rated *Code B* because of the likelihood that the *St. Louis Republican* articles are simply a reprinting of the *Record's* originals.

52. Lewis, Henry (1967). "The Valley of the Mississippi Illustrated"

- *Viitanen ref. no. 81*. Original issued in Germany between 1854 & 1857 as *Das Illustrirte Mississippithal*; few copies survive Reissued by the Minnesota Historical Society (1967), transl. By A.H. Postgieler, B.L. Heibron, edit., 423 pp., 78 full color plates. Lewis traveled the river, 1846-48; one of his paintings, "View of New Madrid Missouri" is one of only two known views of pre-Civil War New Madrid (the other is a sketch by Frenchman Charles LeSueur in 1826).

53. Library of Congress (1764). "Journal...Proceedings of 22nd Regiment up MR in 1764"

- Manuscripts Division, Library of Congress. Cited by *McDermott, edit.* (1977) in *Pittman* (1770a) p. 113. This journal would describe the voyage of the regiment of Capt. Philip Pittman of the British Army from New Orleans to Ft. Chartes in Illinois. It was from this voyage that Pittman composed his "Draught of the River Mississippi..." (*Pittman*, map, 1770). This journal has good potential for early, pre-earthquake, pre-New Madrid descriptions of the river and the Lower Mississippi Valley. Cannot find it via electronic searches of the Library of Congress online manuscript database.

54. Little, George (1883). "Report on the Blue Clay of the Mississippi River"

- As cited by *Glen* (1906) "Underground Waters Of TN & KY...": Report, U.S. Coast & Geodetic Survey for 1880, 1882, App. 12, pp. 145-171, pl. 48; Rept., Chief of Engineers, U.S. Army for 1883, part 3, pp. 2315-23330. This report is of interest because "tertiary blue clay" in the Mississippi riverbed has been interpreted (e.g., *Boyd & Schumm*, 1995) as an indicator of faulting.

55. *Louisiana Gazette*, St. Louis (29 Feb 1812) Cape Girardeau J1, F1 effects

- *Fuller ref. no. 34*. Letter from Cape Girardeau describing the effects of J1 (23 Jan 1812) and F1 (07 Feb 1812) in that town. *Street* (1984), p. A24, transcribes this letter and assigns MMI VII-VIII for J1 and MMI VIII for F1 in Cape Girardeau. A copy of the original in the *Louisiana*

Gazette is needed for the Compendium.

56. Lucas, F., Jr. (Map, 1824). map of Tennessee

- Baltimore. No other information available. Poor copy obtained from the frontpiece of *Culp & Ross* (1961) "Gibson County Past and Present." Compendium-quality copy needed. This must be one of the earliest maps to show Reelfoot Lake—shown with the ubiquitous "Wood Lake" name.

57. Lyman Draper Collection (—). papers of Lyman Copeland Draper, 1815-1891

- Lyman Draper traveled throughout the "West" (Ohio & Mississippi Valleys), 1830s-1850s; collected oral histories, tombstone inscriptions, etc. Was to do a 'life's work' book on the pioneers—never did. His entire papers are with the State Historical Society of Wisconsin, but microfilm copies are available elsewhere (for one, Memphis Public Library). The *Collection* needs to be reviewed for relevant Compendium material. For example, the valuable account of *Primary Eyewitness* Col. John Shaw (*Shaw*, 1856) is from the Draper Collection, but would it have been widely known and cited had it not been reprinted in the *Missouri Historical Review* (*Shaw*, 1912)?

58. McBride, James (1910). "Brief Accounts of Journies in the Western Country, 1809-1812"

- *Penick ref. no. 20; Viitanen ref. no. 33*. Appeared in *Quarterly Publication of the Historical and Philosophical Society of Ohio*, vol. 5, pp. 27-31. McBride came down the Mississippi in March of 1812. He was unable to land his flatboat at New Madrid because of unstable banks, but his detailed observations of evidence of upstream current above New Madrid, the dramatic liquefaction effects at Little Prairie, and the immediate post-earthquake time frame of his observations make him a valuable *Primary Eyewitness* even though he didn't go through the earthquakes themselves. A copy of his account is in the Compendium from the *Registry of the Kentucky Historical Society* as presented to the Cincinnati Historical Society but the original as cited above still needs to be obtained for comparison and completeness.

59. McMurtrie, Henry (1819). "Sketches of Louisville..." —has Jared Brooks appendix

- *Fuller ref. no. 37; Penick ref. no. 26; Viitanen ref. no. 98; Street ref. no. 15*. Publ. by S. Penn, Louisville. An appendix, pp. 233-255 contains the Jared Brooks (*Brooks*, 1819; but see also *Casseday*, 1852) chronology and narrative of the New Madrid earthquakes. A complete copy of the Brooks appendix has been obtained for the Compendium; the rest of the volume needs to be reviewed for any other relevant material.

60. McWilliams, Richebourg Gaillard (1953). "Fleur d'Lys & Calumet..." Pénicault Narrative

- Full title: "Fleur de Lys and Calumet: Being the Pénicault Narrative of French Adventure in Louisiana [1698-1721]" Louisiana State University Press, Baton Rouge. Cited by *McDermott* (1977) in the Introduction to *Pittman* (1770a) for good information on the early explorations of the French in the Mississippi Valley.

61. Melish, John (Map, 1813). "A Map of the Southern Section of the United States"

- Engraved by H.S. Tanner; from *Melish* (1815) "Military and Topographical Atlas of the United States." A poor photocopy of this map is in *Ristow* (1985) "American Maps and Mapmakers" p. 182. Also a poor quality jpeg on the Univ. of Georgia rare map web site: www.libs.uga.edu/darchive/hargrett/maps . This is an important map for its time period; it shows

Lake Michagamas and St. Francis River flowing far west of its true channel with two connecting streams to the Mississippi, one at Plum point, the other around Caruthersville bend.

62. Melish, John (1815). "A Military & Topographic Atlas of the United States..."

- Publ. for the author, G. Palmer, printer, Philadelphia. *Ristow* (1985) "American Maps and Mapmakers" devotes a whole chapter to Melish. This atlas appears to have some of his best maps, but also examined for the Compendium are *Melish* (1812) "*Travels...*" and *Melish* (1826) "*Geographical Description...*" Needs to be reviewed for the description accompanying the map "*Map of the Southern Section of the United States*" (*Melish*, Map, 1813).

63. Melish, John (Map, 1821). "Map of Tennessee in 1821"

- Philadelphia, 37x19 cm, relief shown pictorially. No image or other information available. If Reelfoot or Wood lake is shown, this would be one of the earliest depictions.

64. Michaux, Francois Andre (1805). "Travels to the Westward of the Allegany Mountains"

- Trans. from French by B. Lambert, J. Mawman, London, 350 pp. Also Vol. III in *Thwaites* (1904) "Early Western Travels." Contains a folded engraved map of North America. Michaux was perhaps the most famous of the early naturalists in America, known especially for his work on trees (see *Michaux & Nuttall*, 1850-52) "North American Sylva"). Michaux was a *Pre-Earthquake Observer*, 1801-1803 although it sounds like he never got to the Lower Mississippi Valley.

65. Mississippi River Commission (Map, 1887). "Alluvial Valley of the Mississippi River"

- Cited by *Fuller* (1905) as the base map for "Map of Earthquake Features of the New Madrid District," which is Plate I of *Fuller* (1912) *USGS Bulletin 494*.

66. Mississippi River Commission (Map, 1903). "Map of the Saint Francis Basin..."

- Compiled and drawn by C.W. Clark, Assist. Engr., 4 sheets, scale 0.5 in=1 mi, 1905 updates added in color. Three of the four sheets copied at the MRC Waterways Experiment Station, Vicksburg, Feb. 1999. Need 4th sheet (from n. of Osceola to Memphis) to complete the map and to verify the color information on original.

67. Mitchell, John (Map, 1755). "A Map of the British Colonies in North America...."

- London, by the Author, and Andrew Millar, 1755, but 1775 and later. From *Goss* (1990) "The Mapping of North America" p: 130: "The single most important map in American colonial history." This is because it was the basis for territorial boundaries drawn up in the treaties ending the French & Indian and Revolutionary wars. A small scale copy is reproduced in *Goss* (Map 59, p. 131); a full-scale Compendium copy is needed. The Mississippi River is shown in considerable detail; it appears to be taken nearly completely from *Delisle* (1718) "*Carte de la Louisiane et du Cours du Mississipi*."

68. Moore, Gerald K. (1965). "Geology & Hydrology of the Claiborne Group in Western Tenn."

- U.S. Geological Survey Water-Supply Paper 1809F, 44 pp. Cited by *Blythe et al.* (1975) "Geology of Reelfoot Lake" p. 72. Describes evidence for Ridgely fault, south of Reelfoot Lake and may contain clues whether Ridgely fault may be interpreted as a southern continuation of Reelfoot fault.

69. Morgan, George (1788). New Madrid Circular –in *Hunt's "Writings of James Madison"*

- Reprinted in *Hunt, G. [ed.] (1908) "The Writings of James Madison"* G.P. Putnam's Sons, New York, Vol. 5, p. 331. Also in same volume is Madison's letter of 26 March 1789 to G. Washington in response to Morgan's "Spanish empire."

70. Morgan, Col. James Morris (1905). "...Morgan's Journey down the Mississippi in 1767"

- in *Report of the Eighth International Geographic congress Held in the United States, 1904* (1905), Gov't. Printing Office, Washington DC. Could be a good *Pre-Earthquake Observer* (and pre-New Madrid). Code *B* because–Is this THE George Morgan, founder of New Madrid?

71. Nuttli, Otto W. (1981*b*). "*Yearbook of Science and Technology–1981*"

- McGraw Hill. Cited by *Penick (1981 a)* p. 139, as a general article on the New Madrid earthquakes (but not in his "Essay on Sources."

72. Odenbach, Rev. Father (1906-07). Jesuit accounts of earthquakes

- Twelfth Annual Report, Meteorological Observatory, St. Ignatius College, Cleveland OH, pp. 7-15. The author searched the full 73 volumes of the *Jesuit Relations* (translated and edited by Reuben G. Thwaites) for earthquake data; the extracted results are this report.

73. Owen, David Dale (1856). "Report of the Geological Survey in Kentucky, 1854-55"

- *Fuller ref. no. 41a; Penick ref. no. 97.* 4 vols, A.G. Hodges Printer, Frankfort KY. Fuller cites pp. 117-119 for descriptions of earthquake features in the vicinity of Reelfoot Lake. Those pages and Plate 6, "Distant View of Reelfoot Lake" have been copied. Still need Plate 5, another view of the lake and to review the rest of the report for relevant Compendium material. Win Smith of Univ. Tenn., Martin, believes that Owen's lithographic plates are the earliest images of Reelfoot Lake.

74. Peck, John Mason (1831). "Guide for Emigrants, Containing Sketches..."

- Full citation: "Guide for Emigrants, Containing Sketches of Illinois, Missouri, and the Adjacent Parts" Lincoln & Edmands, Boston, 336 pp. A 2nd edition appeared in 1837. Includes a color folded map of the "Western States," Ohio, Indiana, Kentucky, Illinois, Missouri and Tennessee. An important early guide book for western emigrants. Rated *Code B* for the map.

75. Register of the Kentucky Historical Society (unkn). "Letter from James McBride"

- Full title: "A Letter from James McBride Regarding the Earthquake of 1811-1812" P. 398-402, no volume or date information. A copy (partial?) of this letter was in an old notebook at CERL, provenance unknown. It gives the *Register of the Kentucky Historical Society* as page headings. This probably duplicates *McBride (1910) Brief Accounts...* but a copy from the *Register* is needed to verify.

76. Ryen, Dag (1980). "This Trembling Land"

- The Helicon Co., Lexington KY. Subjects: Western Kentucky 1810-1820, New Madrid Earthquake, Mississippi River, Reelfoot Lake, Battle of Fallen Timbers.

77. Savelle, Max (1932*b*). "George Morgan, Colony Builder" Columbia Univ.

Press

- *Penick ref. no. 112; Viitanen ref. no. 88.* Columbia Univ. Press, New York. This is evidently the work from which *Savelle (1932b)* "The Founding of New Madrid, Missouri" was drawn

78. Schreurs, R.L. & M.V. Marcher (1959). "Geology & Water Resources... Dyersburg Quad"

- Full citation: "Geology and Groundwater Resources of the Dyersburg Quadrangle, Tennessee" Tenn. Div. Geology Report, Investigation 7, 61 pp. *Stearns & Miller (1977)* "Earthquake Hazards in Tennessee" describe this report as providing a "[good description of geology of northeasternmost Tennessee, including geologic maps."

79. Schumn, Stanley A. (1977). "The Fluvial System"

- Publ. by John Wiley & Sons, New York, 338 pp. Cited in *Watson, Schumm & Harvey (1984)* "Neotectonic Effects on River Pattern. A general reference text for Miss. River behavior; Schumm is the leading authority on the fluvial geomorphology of the Miss. River.

80. Schwartz, Seymour & Ralph Ehrenberg (1980). "The Mapping of America"

- Publ. by Harry N. Abrams, New York, 363 pp., with 354 illustrations, 223 maps, 84 in color. One of the best works on the cartography of North America. Serve as cartographic reference work for the New Madrid Compendium III, *Maps and Photographs*.

81. Shaler, Nathaniel Southgate (1878). "Reelfoot Lake"

- *Atlantic Monthly*, Aug 1878, pp. 216-222. Shaler was a noted Harvard geologist and popularizer of science. This article was cited in *Keel (1999)* "New Madrid Seismic Zone: Publication Bibliography."

82. Shoemaker, Floyd C. (ed.) (1943). "Missouri and Missourians: Land of Contrasts..."

- Lewis Publ. Co., Chicago, 5 vols. Cited by *Powell (1975)* "History of Mississippi County, MO" who used Vol. 1 ~p. 245 of this 5-volume work for the earthquake description in the Grand Prairie region of the county.

83. Starling, Edmund L. (1887). "History of Henderson County, Kentucky"

- Evansville IN, reproduction by Unigraphic, 1965, 840 pp. Henderson County in western Kentucky has several somewhat fragmentary reports from the 1811-12 earthquakes. Perhaps fuller accounts can be found here?

84. Stearns, R.G. & C.W. Wilson (1972). "Relation... Earthquakes & Geology in West Tenn."

- Full citation: "Relationship of Earthquakes and Geology in West Tennessee and Adjacent Areas" Tennessee Valley Authority Report (no report number), Knoxville TN, 302 pp. incl. 128 pp. Earthquake chronology for New Madrid region. Also includes an annotated bibliography and a geological evaluation.

85. Stewart, David & Ray Knox (1992). "Representative Earthquake Features in the NMSZ"

- *Stewart & Knox ref. no. 113.* 2nd printing, Center for Earthquake Studies, Southeast Missouri State University, Cape Girardeau MO, 62 pp. Not cited, any other source.

86. Surrey, N. M. Miller (1926, 1928). "Calendar of Manuscripts in Paris Archives..."

- Full citation: "Calendar of Manuscripts in Paris Archives and Libraries Relating to the History of the Mississippi Valley to 1803" 2 vols., Carnegie Institute, Washington DC. Cited by *McDermott* in his Introduction to *Pittman (1770a)* "Present State of the European Settlements on the Mississippi River..." p. 119. Needed as a general reference work for the *New Madrid Compendium IVa Background—Historical*.

87. Switzler, W. F. (1879). "Switzler's Illustrated History of Missouri from 1541 to 1877"

- *Fuller ref. no. 49; Penick ref. no. 17*. C.R. Burns Publ., St. Louis. Fuller cites this work for containing a "graphic account" of the New Madrid earthquakes by Godfrey Lesieur (see, e.g., *Lesieur*, 9 Mar 1872). It also reprints the Louis Linn account (*Linn*, 1837). Have obtained a copy of Chpt. 8 with these accounts; need to review the entire book for other relevant *Compendium* material.

88. Thompson, Wilson (1867). "The Autobiography of Elder Wilson Thompson..."

- *Viitanen ref. no. 41; Stewart & Knox ref. no. 123*. Publ. by E.T. Aleshire, Springfield, Ohio. Reprinted (1978) by Old School Hymnal Co., Conley, Georgia, 363 pp. Houck (*Houck*, 1908) in his *History of Missouri*, pp. 208-209, recounts Elder Thompson's description of being caught in a severe earthquake while on horseback in the vicinity of Commerce/Benton Hills north of New Madrid on January 8, 1812.

89. Thwaites, Reuben Gold [editor] (1904). "Early Western Travels, 1748-1846"

- *Penick ref. no. 7; Viitanen ref. no. 41*; cited by both for Vol. V, which is John Bradbury's "Early Western Travels..." The entire 32-volume set [Arthur H. Clark Co., Cleveland; reprinted (1966) by AMS Press, New York] consists of western frontier travel narratives selected and informatively edited by Thwaites and include among others *Bradbury (1817)*, *Nuttal (1821)* and Edwin James, botanist and geologist for the Long expedition (*James*, 1823). Hence *Early Western Travels* is a valuable *Compendium* general reference work; all volumes need to be examined for potential *Pre- and Post-Earthquake Observers*. Moreover, Thwaites includes a very thorough index for all volumes, which can be search by keywords such as 'earthquake' or 'New Madrid.'

90. Vann, Jane & Vera Ashley (1985). "New Madrid County Cemetery Inscriptions"

- 142-page report in the New Madrid County Courthouse(?). Vera Ashley is the probably the wife or daughter of Ben Ashley, Recorder of Deeds for New Madrid County. Elizabeth(Eliza) Bryan is listed: born May 10, 1780 in Chester County, Penn.; died August 10, 1866 and interred in the New Madrid Hunter-Dawson cemetery.

91. Viles, Jonas (1908). "The Archives of Missouri"

- *Annual Report of the American Historical Association, 1908*, Vol. I, pp. 319-364; republished in pamphlet form by Government Printing Office, Washington DC, 1910. Reference work for the *New Madrid Compendium IV a: Background—Historical*.

92. Viles, Jonas (1910-1911). "Population & Extent of Settlement in Missouri before 1804"

- *Missouri Historical Review*, Vol. V, pp. 187-213. Cited by *Goodwin (1919)* "Early Explorations & Settlements...Missouri & Arkansas."

93. West Tennessee Land Co. (1909-14). Trial transcripts of lawsuit over Reelfoot Lake land

- State of Tennessee—vs—West Tennessee Land Company trial transcripts. This was the litigation by means of which the State took possession of Reelfoot Lake (and its lakebed). In order to do so the State had to show that Reelfoot Lake was a "navigable" body of water, hence was not eligible for private ownership. The State lost the original suit, filed in 1909 at chancery court, Obion County, and its appeal in the court of civil appeals, Jackson TN, but it won in 1913 before the State Supreme Court, Nashville (*Alexander*, 1923, "Reelfoot Lake, Part 2). There was evidently much testimony of value to the Compendium regarding the origin and early description of the lake.

94. "Western Journal" (1848-1855). journal of the Trans-Mississippi West. *entire run*

- Monthly periodical, published in St. Louis, possibly the first such journal to be published west of the Mississippi River. Prints articles by the editors and contributors on a wide variety of subjects for the Mississippi Valley and transmississippi west. Contents need review for potentially relevant Compendium material.

95. Wetmore, Alphonso (1837). "Gazetteer of the State of Missouri" [has Lewis Linn]

- *Fuller ref. no. 52; Penick ref. no. 15; Viitanen ref. no. 44.* Publ. by C. Keemle, St. Louis. Copy obtained of pp. 131-142, which contains the full text of Sen. Louis Linn's graphic account of the 1811-12 earthquakes (*Linn*, 1837). Need to review entire volume, especially the accompanying map of Missouri.

96. Whitaker, A.P. (1927). "Spain and the Cherokee Indians, 1783-1798"

- *North Carolina Historical Review*, vol. 4 (July 1927), p. 254. Cited by *Myers* (1997) "Cherokee Pioneers in Arkansas." Whitaker describes Cherokee settlement near New Madrid; in one instance 30 Cherokees received permission to settle in 1790. It is important to document that the Indians in the New Madrid vicinity in 1811-12 were not native to the region because Godfrey Lesieur (*Lesieur*, 1867-70) states that the Indians had no tradition of large earthquakes prior to 1811.

97. Woodruff, Audrey L. [edit.] (1995). "Missouri Pioneers: New Madrid County"

- Boyd Publ. Co., Inc., paperback, 32 pp. ISBN: 0964485850. No other information available. The New Madrid earthquakes should figure prominently in any treatment of New Madrid County pioneers.

98. WPA Historical Records Survey (1935-42). "Dunklin County"

- Works Progress Administration—Historical Records Survey files for Dunklin County are in the Western Historical Manuscript Collection, Univ. of Missouri, Columbia, Coll. No. 3551, Folders 6914-6965. The similar file for New Madrid County contained some valuable Compendium material; however, all Dunklin County records prior to 1872 were destroyed by fire. A microfilm copy of a four-page section "Scenery— Animals—Etc." written in 1895 has been obtained that has a good but undocumented description of the country surrounding Little (White Water) River prior to 1811. The rest of the Dunklin County file needs to be reviewed for possible additional Compendium-relevant material.

99. Wright, H.P. (1943). "Memo." — notes concerning the New Madrid earthquake of 1811

- Western Historical Manuscript Collection, joint collection of the Univ. of Missouri & State

Historical Soc. of Missouri, Columbia MO, collection 995.732, 20 pages. The citation may be found at <http://www.system.missouri.edu/whmc/invent/geog.htm> #137 but the Memorandum itself is not online.

C. may have useful bits & pieces –alphabetic

1. Agar, W.M., R.F. Flint & C.R. Longwell (1929). "Geology from Original Sources"

- Chpt. 10 "Movements of the Earth's Crust" contains generalized discussions of both 1886 Charleston New Madrid. Portions of Chpt 10 have been obtained—need all of it

2. Andrews, Allen (1963). "Earthquake" –good pre-plate tectonic summary/reference

- *Penick ref. no. 85.* — should provide a good NMC-BS pre-plate tectonic viewpoint

3. Ashley, G. H. (1910). "Drainage Problems in Western Tennessee"

- TN Geol. Survey bulletin cited in *Mainfort* (1994) "Archaeological Investigations...Obion River"

4. Baird, Robert (1834). "View of the Valley of the Mississippi, or Emigrant's... Guide..."

- Cited by *Ogilvie* (1970) "Gov't. Efforts at Reclamation in the SE Lowlands" p. 155, as one of many travel guides that rated the New Madrid lowlands region as of little economic value.

5. Baker, C.L. (1942). "Map of Reelfoot Lake—special insert"

- Special insert in the *J. Tenn. Acad. Sci.* Cited by Shelford (1954) "LMV Floodplain Biotic Communities"

6. Benson, Allen L. (1928). "The Story of Geology" —extract in *MO Hist. Rev.*

- Cosmopolitan Book Corp., 300 pp. *Mo Hist. Rev.*, vol. 23, no. 4 (1929), p. 655 quotes Benson as stating that for years before the first 1811 shock, "subterranean rumblings had been heard."

7. Binkerd, H. D. (1869). "The Mammoth Cave and Its Denizens"

- Robert Clarke & Co Printers, Cincinnati. Cited by *George & O'Dell* (1992) "Saltpeter Works at Mammoth Cave and the New Madrid Earthquakes" p. 12, as containing a "third hand description" of the earthquake at Mammoth Cave.

8. Bird, Robert Montgomery (1837). "Mammoth Cave of Kentucky"

- *American Monthly Magazine* (1837) pp. 417-38 & 525-46. Cited by *George & O'Dell* (1992) "Saltpeter Works at Mammoth Cave and the New Madrid Earthquakes" p. 12, as one of the best travel accounts to the cave and includes descriptions of damages wrought by the 1811-12 events.

9. Blythe, Ernie *et al.* (1981). "Earthquakes & Related Features of the Miss, River Valley"

- *Stewart & Knox ref. no. 14.* This is a 28-page symposium and field trip proceedings from UT Martin.

10. Boeson, Victor Hugo (1941). "America's Greatest Earthquake" *Coronet*
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- *Viitanen ref. no. 52*. Article in *Coronet*, vol. 9, Jan 1941, pp. 75-80

11. Bradford, T.G. (Map, 1838*b*). "Map of the State of Tennessee"

- 14 x 17", no other info. Of interest because of the date: how were Reelfoot Lake and Lake Obion depicted (if at all)?

12. Bradley, R.S. & P.D. Jones, ed. (1992). "Climate since A.D. 1500"

- Cited by *Overpeck et al.* (1997) "Arctic Environ. Change of the Last Four Centuries" in *Science*. For *Special Interest Topic* Little Ice Age, Compendium: Background-Historical.

13. Branner, George C. & J. M. Hansell (1933). "Earthquake Risks in Arkansas"

- Information Circular 4, Ark. Geol. Survey, Little Rock. Cited by *Ross* (1968) "The New Madrid Earthquake" p. 99 as stating that from 1909 (first seismograph at St. Louis) to the present 95% of the earthquakes affecting Arkansas affected the NE portion of the state.

14. Britannica, 3rd edition (1798). "Encyclopaedia...." *First American Edition*

- *Penick ref. no.78*. Penick says the third edition, pp. 264-288 & 535-539, has the best contemporary summary of early theories of earthquakes, especially electrical and/or volcanic.

15. Brooks, Van Wyck (1944). "The World of Washington Irving"

- Cited in *Shrum* (1988) "The Real New Madrid Earthquakes" for its "Magnificent description" of the eccentricities of Lorenzo Dow, the itinerant minister to whom Eliza Bryan wrote her famous 1816 letter. Washington Irving wrote some about the 1811-12 earthquakes (see *Irving*, 1817). This source possibly could tell us where he was in the winter of 1811-12.

16. Brown, Samuel R. (1817). "The Western Gazetteer; or, Emigrant's Directory"

- *Penick ref. no. 124*; also cited by *Reps* (1965) "The Making of Urban America" p. 484, both for the circa 1817 description of New Madrid after the earthquakes, p. 206. Call no. F353.B87 1971 (reprint); need to scan the entire book for relevant material.

17. Bryan, Wm. S. & Robert Rose (1876). "A History of the Pioneer Families of Missouri"

- Publ. In St. Louis. Call no. F465.B91. No other info. available. Need to scan for any New Madrid connections.

18. Buttrick, Tilly, Jr. (1831). "Voyages, Travels & Discoveries of Tilly Buttrick, Jr., 1812-19"

- A *Post-Earthquake Observer* reference. Cited in *Moneymaker* (1954) "...Earthquakes in Tennessee..." p. 229. This account is reprinted Thwaites' "Early Western Travels, 1748-1846" Vol. VIII, Cleveland, Ohio, 1905.

19. Caruso, John A. (1966). "Mississippi Valley Frontier: Age of French Explor. & Settlement"

- Bobbs-Merrill Co., Inc., 423 pp. Call no. F352 .C35. For Compendium IV.a. Background—Historical.

20. Cary, John (Map, 1821). "A New Map of the U.S. of A. from the Latest Authorities"

- Have a poor non-Compendium-quality copy from the frontpiece of *Flint's* (1826) "Recollections..." It shows Mississippi Valley features such as Lake Michigamas, Prunes River and Cepoussa River that are inherited from the French (Delisle) despite the fact that Cary was one of the most able and prolific English cartographers. A Compendium-quality copy needed.

21. Claiborne, John F. H. (1880). "Mississippi as a Province, Territory and State"

- Publ. By Power & Barksdale, Jackson MS. Cited by *Jewell* (1892) "History of Methodism in Arkansas" p. 24 for the discussion of the trip of the steamboat *New Orleans*. Intended as two volumes but the Vol. 2 ms was lost in fire; however, Vol. 1 should cover the 1811-12 time period.

22. Claiborne, William C. C. (1917). "Official Letter Books, 1801-1816"

- Six volumes, Jackson MS, edited by Dunbar Rowland. Cited by *Ambler* (1932) "History of Transportation in the Ohio Valley" p. 113, as granting Robert Fulton and the steamboat *New Orleans* exclusive rights to steam navigation on the Mississippi River (soon successfully challenged in court by Henry Shreve).

23. Clark, Thomas D. (1937). "A History of Kentucky"

- John Bradford Press, Lexington, revised (1960) edit. of 1937 1st edit., 516 pp. Clark is considered the "Dean" of KY historians. Need to scan for Compendium-relevant material in the Jackson Purchase of western KY.

24. Clark, William (1814, Jan. 12). Pamphlet of letter requesting aid because of NM eqs.

- Available at Choice Books Bookstore, Carbondale IL (A. Metzger). Wm Clark was first Territorial Governor of Missouri. [*n.b.* This letter request is almost certainly in the *Carter* (1948-49) "Territorial Papers..."]

25. Cornell, James (1976). "The Great International Disaster Book"

- Cited by Clifton (1980) "Reelfoot and the New Madrid Quake" p. 51; quotes almost a page from it of general observations, re, the 1811-12 earthquakes.

26. Cotton, Corinne Campbell (1936). "Reelfoot or Indian Blankets and Blue Bonnets..."

- Abilene Printing & Stationery Co. Contains a historical sketch of Reelfoot Lake. It's hard to imagine that this is useful but it must be checked out.

27. Coward, Howard L. (1901). "Encyclopedia of the History of Missouri" — 6 volumes

- Southern History Co., St. Louis. Rare. LOC has it on microfilm. Cited by *Barrett* (1939) in *WPA-HRS New Madrid County* (1935-44). Barrett quotes the Encyclopedia as stating much of the sunklands formed not from subsidence but from timber drift clogging the original channels. Crevasses ran NE-SW and the larger ones became sloughs and bayous. Blowholes became ponds, some of which yet hold water.

28. Curry, Jerome P. (1972). "Bootheel Quakes in 1800s Weren't Nation's Strongest"

- *Viitanen ref. no. 15*. April 16, 1972, issue of *St. Louis Post-Dispatch* p. 10. Discusses the early 1970s research of Otto Nuttli and Carl Kisslinger at St. Louis University.

29. Daniels, Jonathan W. (1962). "The Devil's Backbone: The Story of the

Natchez Trace"

- McGraw-Hill, New York, 278 pp. Cited by *Merrill* (1976) "Jefferson Nephews". The Natchez Trace and the Lower Mississippi Valley were inextricably linked during the time period of the New Madrid earthquakes.

30. Daubeny, Charles (1839). "Sketch of the Geology of North America..."

- Oxford, the Ashmolean Society, 73 pp. with a folding map of the U.S. and Canada. Shumard in the Annual Report of the Missouri Geological Survey cites Daubeny for "contributions to the geology of Missouri." Need to scan for relevant Compendium material.

31. Daubeny, Charles (1843). "Journal of a Tour through the United States...1837-38"

- Oxford, printed by T. Combs for the University, 231 pp. with folding map. Post Earthquake Observer: Daubeny was in NE Arkansas in 1838 (*Ross*, 1968, "The New Madrid Earthquake" p. 86).

32. Delanglez, Jean (1935). "The French Jesuits in Lower Louisiana (1700-1735)"

- Catholic Univ. of America, vol. 21, Washington DC, available as AMS Press, New York, 1974, 547 pp. Reprint of Delanglez's thesis. Could be useful for sorting out the major players in contributing to the Delisle Mississippi River maps (*Delisle*, 1703, 1718).

33. Devens, R. M. (1882). "Our First Century or 100 Great and Memorial Events...."

- C.A. Nichols & Co., Springfield MA. Cited in *American History* (1991) "The Other (?) Missouri Earthquake" p. 40. Evidently the 1811-12 earthquakes were one of the 100 "great and memorial" events.

34. Dunbar, Seymour (1915). "A History of Travel in America" — 4 volumes

- Bobbs-Merrill Co., Indianapolis. Cited by *Ambler* (1932) "History of Transportation in the Ohio Valley" p. 119, for an illustration of the steamboat *New Orleans*. (The dispute over whether the *New Orleans* was a side-wheeler or sternwheeler is a Compendium Special Interest Topic.)

35. Edwards, John Clark (1/29, 2/19 & 2/26 1812). —volcanoes in western NC (*Penn. Gazette*)

- *Penick ref. no. 9*. This is the infamous account (actually two separate letters) of volcanoes and other wonders in western NC, originally published by the *Raleigh Star* and widely reprinted by other American newspapers, along with later retractions and recriminations from the editors. Penick references the *Pennsylvania Gazette*, 29 Jan, 19 Feb & 26 Feb 1812, but a complete file of all reprintings and retractions is needed for the Compendium.

36. Ellet, C., E.G. Squier & L. Agassiz (1851). "Smithsonian Contrib. to Knowledge, Vol II"

- Washington, Smithsonian Inst., 1849, Library of Congress duplicate. Full title of first article by Ellet: "On the Physical Geography of the Mississippi Valley, with suggestions as to the improvement of the navigation of the Ohio and other Rivers"

37. Ellet, Charles (1853). "The Mississippi and Ohio Rivers"

- Lippincott, Grambo & Co., Philadelphia. May be very similar to *Ellet et al.* (1853). Of interest because it precedes the monumental *Humphreys & Abbot* (1861) "Physics and Hydraulics of the Mississippi River" – but not by much.

38. Ellis, James F. (1929). "The Influence of Environment on the Settlement of Missouri"

- *Penick ref. no. 129.* Webster Publ. Co., St. Louis, 181 pp. This was a St. Louis Univ. PhD dissertation. A seven-page manuscript by Ellis with the same title covers the 1811-12 earthquakes. It is from the *WPA Historical Record Survey, New Madrid County* and listed as *Ellis* (n.d.); it is probably extracted from this dissertation source.

39. Faden, William (Map, 1783). The United States of N. America...according to the Treaty"

- Full title: "The United States of North America with the British and Spanish Territories according to the Treaty". Have a small image—jpeg download from the web. It's mostly illegible but appears to be very much a Delisle clone. Compendium-quality copy needed.

40. Faux, William (1823). "Memorable Days in America...."

- Full Title: "Memorable Days in America: Being a Journal of a Tour to the United States." Reprinted in *Thwaites*, "Early Western Travels" Vol. XI and by AMS Press (1969). Post-Earthquake Observer. Cited by *Ogilvie* (1970) "...Reclamation of SE Missouri Lowlands" and by *Douglass* (1912) "History of SE Missouri" for observing that the 1811-12 earthquakes slowed the population growth of the region by discouraging settlement.

41. Foster, John Wells (1869). "The Mississippi Valley: Its Physical Geography"

- *Fuller ref. no. 12; Penick ref. no. 46; Viitanen ref. no. 100.* S. C. Griggs & Co., Chicago, 443 pp. Principal source for the Primary Eyewitness account of A. Dillard. Fuller's comment: "Quotes the accounts of A.N. Dillard and Timothy Flint at length, appending a few original paragraphs [pp. 19-25]." Copies of those pages have been acquired; need to review rest for possible relevant Compendium material.

42. Fuller, Myron L. (1905a). "The New Madrid Earthquake, by Edward M. Shepard..."

- *Fuller ref. no. 18.* In *American Geologist* (Economic Geology after Feb. 1906), vol. 35, pp. 180-181. A brief review of Shepard's article (*Shepard*, 1905) "The New Madrid Earthquake." Much of Fuller's field work for *Fuller* (1912) was done with Shepard.

43. Funk, Allison & Sonia Sanchez (1995). "Living at the Epicenter"

- ISBN 1555532470. A book of poetry from Northeastern Univ. Press. The *Library Journal* says "In the title poem of this volume, an epigraph tells of Eliza Bryan, of New Madrid, Missouri... Highly recommended."

44. Garrett, Jasamyn (1961, "Bountiful Bootheel Borning" [in verse]

- *Penick ref. no. 136, Viitanen ref. no. 65, Stewart & Knox ref. no. 39.* Publ. by the author, Hayti, MO. Penick invites "[t]hose who like their history in verse" to look at this reference.

45. Godbey, A. H. (1890). "Great Disasters and Horrors in the World's History"

- Cited in *Logsdon* (1990) "I Was There!". Evidently the New Madrid earthquakes were included as one of the "great disasters and horrors."

46. Gordon, Harry [Capt.] (Map, 1766-78?). Capt. Gordon's map of the Ohio River & vicinity

- Cited by *Banta* (1949) "The Ohio" p. 383. Gordon was an officer in the British colonial forces and took part in the first accurate geographical reconnaissance of the Ohio River in 1766. In Banta's words, he produced "an accurate and rather beautifully executed map" but it was not included in the report of the survey by the leader Thomas Hutchins (see *Hutchins*, 1778) and Gordon seems to have disappeared from the American scene. The map original is preserved in the Library of Congress but it is unclear if a printing was ever made.

47. Habermehl, John (1901). "Life on the Western Waters"

- Pittsburgh. Cited by *Ambler* (1901) "History of Transportation in the Ohio Valley" p. 119, as having an illustration of the steamboat *New Orleans*. Also need to scan for any relevant Compendium material.

48. Hall, Basil (1830). "Travels in North America in the Years 1827 & 1828"

- Edinburgh, 3 vols., 421, 432, 436 pp. A potential *Post-Earthquake Observer* reference. Hall was a captain in the British navy. He traveled widely over the United States, including the Mississippi Valley. ABEbooks says Hall was "a clear and forceful writer, and his work contains many excellent descriptions of places and conditions that came under his observation."

49. Halliburton, William Henry (1903). "...Topographical...History...Arkansas County..."

- Full title: "A Topographical Description and History of Arkansas County, Arkansas, from 1541 to 1875" Privately printed, De Witt, Arkansas. Cited by *Holder* (1968) "Historical Geography of the Lower White River" p. 138. The *Special Interest Site* Arkansas Post is in Arkansas County.

50. Hawkins, Jeanne (1963). "The Day the Mississippi Ran Backwards"

- *Viitanen ref. no. 69*. Published in *Focus Midwest*, St. Louis, FOCUS/Midwest Publ Co., pp. 22-23. *Focus Midwest* was absorbed by the *St. Louis Journalism Review* in 1974(?).

51. Heck, Nicholas H. (1928). "Earthquake History of the U.S. Exclusive of Pacific Region"

- U.S. Coast & Geodetic Survey *Special Publication 149*. Cited by *Heinrich* (1941) "A Contribution to the Seismic History of Missouri" p. 192. It is probable that *Heck* (1938) "Earthquake History of the U.S., Part 1, Continental United States (exclusive of California and Western Nevada)" is an update of this reference

52. Heck, H. N. (1938). "Earthquake History of the United States, Part I...."

- Full title: "Earthquake History of the U.S., Part 1, Continental United States (exclusive of California and Western Nevada)" U.S. Coast & Geodetic Survey, Serial No. 609, 83 pp. Cited by *Krinitzky* (1950) "Geological Investigation of Faulting in the Lower Mississippi Valley". This report was revised through 1956 by *R.A. Eppley* and assigned U.S. Coast & Geodetic Report No. 41-1. Either the 1938 or 1956 version would be suitable for the Compendium.

53. Heck, Nicholar Hunter (1965). "Earthquakes" –for pre-plate-tectonics summ./ref.

- *Penick ref. no. 83*. Hafner Publ. Co., New York. Should serve as a good immediately pre-plate tectonics reference.

54. Hildreth, Samuel Prescott (1844). "Contributions to the Early History of the Northwest"

- *Fuller ref. no. 26a.* Fuller quotes the title as "original Contributions to the American Pioneer" Cincinnati, pp. 34-35. Amazon.com uses the "Contributions..." title, available as a "library binding" through Reprint Services Corp., ISBN 078125373X. *American Pioneer* was a monthly periodical; see *Hildreth* (1842) for details. This reference may be substantially the same account as *Hildreth* (1842), which gave us the unnamed D1 Primary Eyewitness identified as *Hildreth's Informant*.

55. Hood, W. (Map, 1837). "Map Illustrating...Defences of the Western and NW Frontier"

- Complete citation: "Map Illustrating the Plan of the Defences of the Western & Northwestern Frontier, " as proposed by The Hon. J.R. Poinsett Sec. Of War in his report of Dec. 30, 1837, Compiled in the U.S. Topographical Bureau under the direction of Col. J.J. Abert U.S.T.E., Boyen & Co., Lith., Philadelphia. This map has good detail of the Lower Mississippi Valley. The St. Francis River appears accurately depicted for the time period; no swamps are shown but there are two lakes between the St. Francis and Little Rivers. We have an 8 1/2 x 11" copy; need a Compendium-quality copy.

56. Horton, S.P., N. Barstow & K. Jacob (1996). "Simulation...Ground Motion...Memphis"

- Full Title: "Simulation of Earthquake Ground Motion in Memphis, Tennessee" in *Proceedings of the Eleventh World Conference on Earthquake Engineering*, Acapulco, Mexico, June 23-28, Paper No. 1302.

57. Humphreys, Cecil C. (1938). "The History of the Reelfoot Lake Region" *masters thesis*

- Unpublished Masters thesis, Univ. of Tennessee, Knoxville. Cited by *Vanderwood* (1969) "Night Riders of Reelfoot Lake". Most of this thesis's material is probably found in *Humphreys* (1960) "Formation of Reelfoot Lake and Consequent Land and Social Problems" but it needs to be reviewed nevertheless.

58. Jackson, Andrew (8 Feb 1812). record of an earthquake [F1] in Nashville

- Cited by *Street* (1984) "Historical Seismicity of the Central United States: 1811-1928" p. A137, where he reports the information from *Williams* (1930) "Beginnings of West Tennessee..." p. 78 that "Andrew Jackson recorded (February 8th) that at Nashville the severity was such as 'to throw down chimneys and to crack walls.'" The original source where Jackson recorded these comments needs to be found.

59. Jackson, K. C. (1979). "Earthquakes and Earthquake History of Arkansas"

- *Stewart & Knox ref. no. 55.* Information Circular 26, Arkansas Geological Commission, 70 pp.

60. Karpinski, Louis C. (1927). "Manuscript Maps Relating to American History..."

- *Miss. Valley Historical Review*, vol. XIV (Dec. 1927) pp. 437-439; also published in *Amer. Hist. Rev.*, vol. XXXIII (Jan. 1928) pp. 328-330. Cited by *Beers* (1957) "The French in North America" p. 121. A needed cartographic reference for the early French (and Spanish?) maps of the Lower Mississippi Valley.

61. Kurz, Rudolph Friederich (1937). "Journal of Rudolph Friederich Kurz"

- Smithsonian Inst., Bureau of American Ethnology, Bull. 115, Washington. Reprinted by Univ. of Nebraska Press, Lincoln [1970], 382 pp. Cited by *Havighurst* (1964) "Voices on the River" p. 93. Post-Earthquake Observer. Kurz, a Swiss, traveled the Mississippi Valley from 1847-1853.

62. La Force, Alice [ed.] (1948). "The Missouri Reader: The Louisiana Purchase"

- *Missouri Historical Review*, vol. XLII (January, 1948) p. 157. Cited by *Robins* (1951 a) "Americans in the Valley, Part III." For historical background on New Madrid and vicinity.

63. Leahy, Ethel C. (1931). "Who's Who on the Ohio River..." —includes Crammer's 8th*

- *Penick ref. no. 39*. E.C. Leahy Publ. Co., Cincinnati. Includes *Cramer's* (1814) 8th edit. of *The Navigator*. Penick calls it "a mine of detail, trivial and otherwise." Needs to be reviewed for any Compendium-relevant material.

64. Lowe, Walter Edgar (1930). "History of Reelfoot Lake" —*unpubl. masters thesis*

- Master's thesis, George Peabody College for Teachers, Nashville TN. Cited by *Vanderwood* (1969) "Night Riders of Reelfoot Lake."

65. Madox, D. T. (1817). "Late Account of the Missouri Territory"

- *Penick ref. no. 56*. Printed for the author by John Kyle, Paris KY. Penick's comment: "... covers some of the same ground as Henry Brackenridge [*Brackenridge* (1814) "Views of Louisiana..."], in language suspiciously similar."

66. Marshall, Thomas Maitland [ed.] (1926). "The Life and Papers of Frederick Bates"

- Missouri Historical Society, St. Louis, 2 vols. Frederick Bates was appointed Acting Governor of the Territory of Louisiana, 1807-1808, by Thomas Jefferson. When Meriweather Lewis died of murder/suicide Bates replaced him as Acting Governor, 1809-1810. President Madison appointed Benjamin Howard as Governor of the Louisiana Territory for 1810-1812. Howard, however, had lengthy absences from the Territory, during which Bates served as Acting Governor. One of these absences was from Sep 19, 1811 to Feb 23, 1812 so Bates, in effect was the territorial governor during the New Madrid earthquakes. In June, 1812, Congress established Missouri as a Territory separate from the rest of the Louisiana Territory. President Madison appointed William Clark as the first Missouri Territorial Governor.

67. Matthias, Virginia Park (1945). "Natchez-under-the-Hill as It Developed...."

- Full citation: "Natchez-Under-the-Hill as It Developed Under the Influence of the Mississippi River and the Natchez Trace," *Journal of Mississippi History*, vol. VII, pp. 201-221. Examine for Mississippi River information during the time period of the New Madrid earthquakes.

68. McCall, Archibald (10 Mar. 1812). unpublished letter to Eleuthère Irénée Du Pont

- Letter in the Hagley Museum & Library, Wilmington, Delaware. Cited by *George & O'Dell* (1992) "Saltpeter Works at Mammoth Cave and the New Madrid Earthquakes" p. 14. George & O'Dell include a long quotation from the letter that is valuable because it identifies specific damage in the cave resulting from the 16 Dec 1811 earthquake. But the likelihood that the letter contains further earthquake information not quoted by George & O'Dell is slim to none.

69. McClung, Mildred Mays (1974). "Caddo Lake: Mysterious Swampland"

- Southwest Printers, Texarkana TX, trade paperback.No other information available. Cited by Flores (1984) "Jefferson and Southwest Exploration" p. 169, for quoting a Caddo Indian legend on the sudden creation of Caddo Lake during an earthquake.

70. McCormick, Cyrus T. (n.d.). "The Missouri Indian Trails"

- Manuscript, Western Historical Manuscripts Collection, Univ. of Missouri, Columbia, 25 pp. Indexed at <http://www.system.Missouri.edu/whmc/invest/geog.html> .

71. McDowell, Gary Lane (1965). "...The Case of 'Swampeast' Missouri" *PhD dissert.*

- Full title: "Local Agencies and Land Development by Drainage: The Case of 'Swampeast' Missouri" (unpublished) Ph.D. dissertation, Columbia University, New York. Cited by Ogilvie (1970) "Governmental Efforts at Reclamation in the Southeast Lowlands" p. 156, for information on Capt. Guion's report, which was included in *House Report 86*, 1846, 29th Congress, 1st session (see *Guion*, 1850, *House Report 108*).

72. McReynolds, Edwin C. (1962). "Missouri: A History of the Crossroads State"

- *Penick ref. no. 134*. Univ. of Oklahoma Press, Norman OK. A general state history.

73. Melish, John (1826). "A Geographical Description of the United States"

- New York. An 1822 edition, published by the author, Philadelphia, has been reviewed, but the 1826 edition, described as "A New Edition, Greatly Improved" needs to be examined also. *Ristow* (1985) p. 185-186 observes that this book contains a useful and valuable survey of source material used for Melish's historic *Map of the United States with the Contiguous British and Spanish Possessions* (1816-1826).

74. Meriam, Ebenezer (1844). "Mammoth Cave"

- *New York Municipal Gazette*, 9 March 1844, p. 328. Cited by *George & O'Dell* (1992) "... Mammoth Cave and the New Madrid Earthquakes" p. 12 as describing the effect of the earthquakes on the miners.

75. Michaux, Francois Andre & Thomas Nuttall (1850-52). "The North American Sylva"

- Robert P. Smith, Philadelphia & G.P. Putnam, New York, 6 vols, 277 plates. This famous work, the first illustrated silva of North America, was first published in French at Paris (1810-13). Would be rated higher but it sounds as though Michaux in his travels never made it to the Lower Mississippi Valley.

76. "Missouriana" (1937). *Missouri Historical Review*, v. 31, p. 200.

- *Viitanen ref. no. 83*. Vol. 31, p. 200. A brief notice concerning the New Madrid earthquake relief effort. Cited by Viitanen for a statement that almost all earthquake relief went to speculators—only 20 families were finally able to resettle on relief-provide new land. This is the only place known to date to quote an actual figure.

77. Mooney, James (1972) "Myths of the Cherokee and Sacred Formulas of the Cherokees"

- Reproduced from the 19th and 7th Annual Reports of the Bureau of American Ethnology by Charles Elder, bookseller/publisher, Nashville TN. Bob Lafferty, archaeologist at Mid-Continental Research Associates contributed p. 97 of this report, which describes volcanic and earthquake activity in western North Carolina but not obviously associated with the New Madrid

earthquakes. Entire report needs to be scanned for possibly relevant Compendium material.

78. Morgan, A. E. & O. G. Baxter (1911). "Report on the St. Francis Valley Drainage Project"

- U.S. Dept. of Agriculture, Office of Experiment Stations, Bull. 230, Part I. General Report, GPO, Washington DC, 99 pp. Have copy of first 35 pages, which includes a two-page section on the New Madrid earthquakes taken from *Shaler* (1869) "Earthquakes of the Western United States." Uncopied portion contains a description of the St. Francis valley drainage project; need to review it for relevant Compendium material.

79. Munsell, Luke (Map, 1818). "A Map of the State of Kentucky from Actual Survey"

- Published by the author, Frankfurt; engraved by H. Anderson, Philadelphia. Small-scale image from *Ristow* (1985) "American Maps and Mapmakers" p. 136. Shows western Kentucky just prior to the Jackson Purchase with Walker's Line and Chartered Line, two versions of the disputed boundary with Tennessee. The Mississippi River, especially KY/Madrid Bend and Island No. 10, are clear and detailed, but it is exactly the same as found in *Ellicott* (1803). It therefore represents the pre-1811 river, circa 1797-99, from the mouth of the Ohio to just downstream of New Madrid.

80. **Natural History** (1950). "North America's Most Violent Quake"

- *Natural History Magazine*, vol. 59 (February 1950), pp. 49-50. Cited by *Penick* (1981) p. 72, but not in his "Essay on Sources," for the erroneous story that the steamboat *New Orleans* was swept upstream during the earthquakes despite the thrust of its engines.

81. New York '**World**' (1877). correspondent's report on the New Madrid earthquakes

- Citation from *Switzler* (1879) p. 185: "A correspondent of the New York *World*, writing from Cairo (ILL.) in February, 1877, says of Reelfoot Lake:". Switzler goes on to quote a florid description of the lake and the Mississippi River during the earthquakes.

82. Nicollet, J. N. & W. H. Emory (Map, 1843). "Hydrographical Basin...Upper Miss. River ..."

- Full citation: "Hydrographical Basin of the Upper Mississippi River from Astronomical and Barometrical Observations Surveys and Information" U.S. House of Representatives, Washington DC. Called by Gouverneur Warren "one of the greatest contributions made to American geography." It is most likely the map doesn't extend south past the mouth of the Ohio River so would not have direct relevance to the Compendium. However, *Wilford* (1981) in *The Mapmakers*, p. 194, states that Nicollet's map was the "most mathematically accurate map of the river from Natchez to its headwaters in Minnesota," which most definitely would include the New Madrid river reach. Perhaps Wilford refers to a manuscript map rather than this one, published posthumously by Emory a few months after Nicollet's death—KM.

83. **No author** (Map, 1800?). "An Exact Map of North & South Carolina & Georgia with...."

- Full title: "An Exact Map of North and South Carolina & Georgia, with East and West Florida, from the Latest Discoveries" – no author or publishing/engraving information given. A fair-to-good jpeg of this map downloaded from the Univ. of Georgia Libraries "Frontiers to the New South web site, www.bibs.uga.edu/darchive/hargrett/maps/ . The question mark with the date is theirs.

84. Ogilvie, Leon Parker (1967). "Development of the Southeast Missouri

Lowlands"

- Unpublished Ph.D. dissertation, Univ. of Missouri, Columbia. See *Ogilvie* (1970) in the *Missouri Historical Review* for the published version.

85. Ornelas-Struve, Carole M. (1982). "Memphis 1800-1900"

- Nancy Powers & Co., New York. Vol. 1 of three volume set: Vol. 1-Years of Challenge 100-1860; Vol. 2-Years of Crisis 1860-1870; Vol. 3-Years of Courage 1870-1900; about 400 total pages. Cited by *Shrum* (1989) "The Real New Madrid Earthquakes" p. 87 for a story from Indians about the New Madrid earthquakes: "the sky got dark, the birds flew upside down and the Mississippi River flowed backward, forming Reelfoot Lake."

86. Penick, James L. (1981*b*) "Great Western Land Pirate: John A Murrell..."

- Missouri Pacific Lines, Columbia Mo. Biography of the infamous petty criminal of the Mississippi & Ohio Valleys and the Natchez Trace. A "New Madrid" keyword search on the Advanced Book Exchange (abeBooks.com) has this reference as a hit.

87. Penn, Dorothy (1946). "The Missouri Reader: The French in the Valley"

- *Missouri Historical Review*, vol. XL(40) (January, 1946), pp. 252-255. Cited by *Matson* (1951*a*) "Missouri Reader: Americans in the Valley, Part III."

88. Powell, B. F. (1975). "History of Mississippi County, Missouri, Beginning thru 1972"

- BLN Library Service, Independence MO. Cited by *Obermeier* (1984) wrt liquefaction during the 1895 Charleston earthquake (Charleston MO is located in this county). Two chapters copied: Chpt. 3 "Earthquakes, Floods and other Disasters" and Chpt 4 "Geographical Features, Agriculture and Parks." Need to review remainder of book for relevant Compendium material

89. Preble, George H. (1883). "History of Steam Navigation"

- Printed in Philadelphia. No other information available. Cited by *Ambler* (1932) "History of Transportation in the Ohio Valley" pp. 66-70, for information concerning the steamboat *New Orleans*, a Compendium *Special Interest Topic*.

90. Purcell, Martha G. (1929). "Birth of Reelfoot Lake"

- Paducah Printing Co., Paducah KY. Cited by *Vanderwood* (1969) "Night Riders of Reelfoot Lake."

91. Quinn, J. H. (1961). "Prairie Mounds of Arkansas"

- *Stewart & Knox ref. no. 87*. Not cited, any other source. Arkansas Archaeological Society Newsletter, vol. 2, pp 1-8.

92. Roester, C. (Map, 1878). "State of Missouri"

- General Land Office, Dept. of Interior, photo. Lith., & print by Julius Rien, Park Place NY. Map of the entire state at 1 in to 14 mi scale; fairly good detail of the Missouri Bootheel drainage. Have a nearly illegible copy; need an original or better quality copy for the Compendium.

93. Rusk, Ralph (1926). "The Literature of the Middle Western Frontier"

- *Penick ref. no. 137*. Columbia Univ. Press, New York, 2 vols. Penick characterizes this work as "'elderly" but "still an indispensable bibliography."

94. Sadler, Christine (1933). "Earthquake in 1811 Cause of Its Formation"—*Nash. Banner*
-
- *Viitanen ref. no. 11.* A *Nashville* (Tennessee) *Banner* newspaper article on Reelfoot Lake.
95. Schwartz, Marion (1998). "A History of Dogs in the Early Americas"
-
- Yale Univ. Press, New Haven CT, 233 pp. Native American history/prehistory in the Lower Mississippi Valley: Did dogs precede the Europeans?
96. Shankman, D. & S.A. Sampson (1991). "Channelization Effects on Obion R. Flooding"
-
- Full citation: "Channelization Effects on Obion River Flooding, Western Tennessee" *Water Resources Bulletin*, vol. 27, no. 2, pp. 247-254. Cited by *Mainfort* (1994) . Needs to be reviewed for any discussion of the anomalous Obion River valley gradient and/or Lake Obion.
97. Shoemaker, Floyd C. (1916). "Missouri's Struggle for Statehood, 1804-1821"
-
- Publ. by Hugh Stephens, Jefferson City MO; reprinted by Russell & Russell, New York, 383 pp. Cited by *Robins* (1951 a) "Americans in the Valley. Part III." To what extent New Madrid and in particular the New Madrid earthquakes figured in this struggle is an interesting question for this potential Compendium entry.
98. Smyth-Davis, Mary F. (1896). "History of Dunklin County, Missouri"
-
- *Viitanen ref. no. 92.* Publ. by Nixon Jones, St. Louis. A standard county history but this one is of high value for the Compendium as the only known source for the *Primary Eyewitness Account* of Michael Braunm (see *Braunm, n.d.*). Also included is some of the Godfrey LeSieur account. Copies of these two sources have been obtained; the entire book needs to be reviewed for potentially relevant Compendium material.
99. Snook, Sidney (1953). "Reelfoot—a Strange Spot" *American Forests*
-
- *Penick ref. no. 99.* *American Forests*, vol. 59, pp. 26-27. Penick describes this article as "brief and impressionistic."
100. Spears, John R. & A.H. Clark (1903). "A History of the Mississippi Valley..."
-
- Full citation: "A History of the Mississippi Valley: From Its Discovery to the End of Foreign Domination" A. S. Clark, New York, 416 pp. Cited by *Garraghan* (1928) "Some Newly Discovered Missouri Maps" p. 258. ABE.com calls it an excellent early history of middle American, including Native American, history.
101. Stearns, R.G. & A. Zurawski (1976). "Post-Cretaceous Faulting....Miss. Embayment"
-
- Full citation: "Post-Cretaceous Faulting in the Head of the Mississippi Embayment" *Southeastern Geology*, vol. 17, no. 4 (June 1976) pp. 207-229. Referenced by *Stearns & Miller* (1977) "Earthquake Hazards in Tennessee."
102. Stephenson, L.W. & A.F. Crider (1916). "Geology & Ground Waters of Northeastern Ark."
-
- U.S. Geological Survey *Water Supply Paper 399*. Cited by *Heinrich* (1941) "Contribution to the Seismic History of Missouri" p. 214. Are any earthquake- or fault-related effects on the groundwater regime identified?

103. Stockton, Robert P. (1986). "The Great Shock"

- Southern Historical Press, Easley SC. Cited by *Fradkin* (1998) "Magnitude 8" p. 293. 114 pages on the "effects of the 1886 earthquake on the built environment of Charleston, South Carolina". Need to examine for any comparative New Madrid discussion, as, for example, *Dutton* (1886) includes.

104. Tanner, H.S. (Map, 1833). "New Map of Arkansas with Canals, Roads & Distances"

- Cited by *Bourne* (1995) "Americans on the Move" pp. 58-59. No other information. From the poor reproduction it appears to have fairly good detail of the NE Arkansas/MO Bootheel region.

105. Tenn. State Libr. & Archives (n.d.) Unidentified newspaper...4 eyewitness accounts

- A partial copy (no date) of this newspaper article was obtained from the Tenn. State Library & Archives, Nashville, Collection IV-C-1, folder 23, acct. no. 1824. All material of the partial copy is contained in Lesieur's "Early History..." (*Lesieur*, 1893), most of which also appeared in the *New Madrid Weekly Record* and the *St. Louis Republican*. Need a full copy for completeness and also need to positively identify the source newspaper.

106. Thilenius, J. E. *et al.* (1975). "Biography of Historic Cape Girardeau County"

- *Stewart & Knox ref. no. 121*. Bicentennial [*sic*] Commission, Cape Girardeau MO, 72 pp.

107. Thomas, David (1819). "Travels through the Western Country in the Summer of 1816"

- Auburn NY, 320 pp. Cited by *Schmidt* (1927) "The Mississippi [*actually the Ohio*] Valley in 1816 through an Englishman's Diary." This book is considered one of the classic travel narratives of the 'western' country. Sought for the Compendium as a potential *Post-Earthquake Observer* but all indications are that Thomas never made it beyond the Ohio River Valley.

108. Thompson, J. & D. Stewart (1992). "Landslides Subsequent to a 4.7 Magnitude..."

- *Stewart & Knox ref. no. 122*. Full citation: "Landslides Subsequent to a 4.7 Magnitude Earthquake in the Benton Hills of Missouri" in *Transactions, Missouri Academy of Science*, vol. 26, pp. 91-104.

109. Thomson, J. (Map, 1817). "Southern Provinces of the United States"

- No publishing information available. J. Thomson was a prolific early 19th century cartographer. Have a poor copy of a portion of this map from Murray Hudson, *The Antiquarian*, which shows the Mississippi Valley portion of the map. Both Lake Mitchigamus and Prunes River, Compendium *Special Interest Topics*, appear, both unlabeled. The W. Tenn. river margin is highly inaccurate; shows "Reel Foot R." and "Ohian R. (Obion)". Map is of value for the Compendium mainly for its date.

110. Tucker, Glenn (1956). "Tecumseh: Vision of Glory"

- *Penick ref. no. 72*; *Stewart & Knox ref. no. 125*. Bobbs-Merrill Co., New York, 399 pp. Penick calls this "the best modern biography" of Tecumseh. It should be useful to see how Tucker treats the legend that Tecumseh, while on a recruiting trip in Alabama, forecast the New Madrid

earthquakes.

111. Turner, W. (1990). "The War of 1812: The War that Both Sides Won"

- *Stewart & Knox ref. no. 126*. Dundurn Press, Toronto, Canada, 144 pages.

112. U.S. Census (1811). "Aggregate Amount of Persons Within the U.S. in the Year 1810"

- *Viitanen ref. no. 49*. Publ. in Washington DC. No other citation information given by Viitanen.

113. U.S. Weather Bureau (1880-1924). "Monthly Weather Review"

- Monthly publication, each issue of which contains notices of earthquakes reported for the month. Cited by *Moneymaker* (1955) "Earthquakes in Tennessee..." A 12-page description and listing of contributing weather stations has been obtained, but the entire *Review* should be reviewed for the *New Madrid Compendium IVb: Background —Scientific*, as well as the *United States Earthquake Registry*.

114. van Ravenswaay, Charles (1948). "New Madrid Reminiscences"

- *Missouri Hist. Soc. Bulletin*, vol. 4 (January 1948), pp. 93-96.

115. Verney, Peter (1979). "The Earthquake Handbook"

- Paddington Press, New York & London, 224 pp. Citation from the *Keel* (1999) NMSZ Publication Bibliography, which states that the New Madrid earthquakes are treated on pp. 119-122.

116. Waldo, Anna Lee (1979). "Sacajawea: The Heroic Saga of a Great Woman..."

- Ramfre Press, Cape Girardeau; also Avon Book Div./ Hearst Corp. (1978), paperback, 1359 pp. Citation from the *Keel* (1999) NMSZ Publication Bibliography, which states that Chpt. 39, pp. 793-817 is "The New Madrid Earthquake."

117. Walker, Adam (1816). "A Journal of Two Campaigns..." [Vincennes IN, D1 report]

- *Penick ref. no. 24*. Printed at the Sentinel Press, Keene NH, by the author. Penick says Walker was in Vincennes recovering from a wound received at Tippecanoe when the first shocks struck. Listed in ABEbooks.com for \$2000.

118. Ward, Nahum (9 Sep 1816). "Wonders of Nature" —*Kentucky Gazette*

- *Kentucky Gazette* newspaper, Lexington KY, 9 September 1816, p. 2. According to *George & O'Dell* (1992) "Saltpeter Works at Mammoth Cave & the New Madrid Earthquakes" pp. 11-12, this is the first published account of the effects of the New Madrid earthquakes in Mammoth Cave. The effects included rockfalls of "large rocks" in some parts of the cave and a precursory "heavy rumbling noise."

119. Warner, Aug. (1902). "Disappearance of Island No. 94"

- *Fuller ref. no. 51*. *St. Louis Globe-Democrat* newspaper, March 1902 (no day given). Also quoted in *Broadhead* (1902) "The New Madrid Earthquake" p. 83. Need the SLGD original taken "from the papers of the late Aug. Warner." Island No. 94 is the island just above Vicksburg that reportedly disappeared during the D1 earthquake, taking with it a band of river pirates. Was Warner the original source of this story?

120. Watson, John F. (1844). "Annals of Philadelphia, and Pennsylvania, in the Olden Time"

- Philadelphia, 3 vols.; reprinted by Edwin Stuart, Philadelphia, 1900. Cited by J.D. Holmes in his notes on the *Francis Baily Journal (Baily, 1856)* p. 277, for identifying the first person to complete a flatboat voyage down the Ohio and Mississippi Rivers to New Orleans. Jacob Yoder took a flatboat from Redstone on the Monongahela River to New Orleans, departing in May 1782. Sought as a general reference for *New Madrid Compendium IV a: Background—Historical*.

121. White, Lonnie J. (pre-1980). "Dividing Missouri: The Creation of Arkansas Territory"

- *Missouri Historical Society Bulletin*, vol. 17, p. 252. Cited by *Morrow* (1980) "New Madrid and Its Hinterland." No date given but it's obviously pre-1980. An interesting question is what influence, if any, the New Madrid earthquakes had on how Missouri was divided and Arkansas created.

122. Wilhelm, Paul (1835). "Travels in North America 1822-1824"

- Reprint of 1835 edition by Univ. of Oklahoma Press, Norman OK, edit. By Savoi Lottinville, 456 pp., first annotated edition to appear in any language. Lottinville specializes in Arkansas material (he edited Nuttal's *Journal of Travels into the Arkansa Territory, 1821*) so Wilhelm makes a good potential *Post-Earthquake Observer* [1822-24].

123. Williams, Samuel (1794). "The Natural and Civil History of Vermont"

- *Penick ref. no. 59*. Orig. edition, Walpole NH, 416 pp.; enlarged & corrected edition, Samuel Mills, Burlington NH, 1809. Cited by Penick as the source for Volney's (*Volney, 1804, "View of the Soil & Climate of the United States of America"*) misguided views about the abundance of earthquakes in New England relative to the "western country" (Ohio & Mississippi Valleys).

124. Williams, Walter & F.C. Shoemaker (1930). "Missouri, Mother of the West" 5 vols.

- Five volumes, The American Historical Society, Inc., New York NY. This is a text reference in *Street* (1984) "Historical Seismicity of the Central United States: 1811-1928" p. A147, cited for a capsule history of the settlement of *New Bourbon, Missouri* where some 1811-12 earthquake damage occurred. *New Bourbon*, on the Mississippi and long since disappeared, was settled by French royalists after the French (or American?) revolution.

125. Williams, Wellington (Map, 1849). "Map of the Miss. R. from St. Louis to the Gulf of M."

- Full citation: "Map of the Mississippi River from St. Louis to the Gulf of Mexico" publ . Philadelphia(?), color, 18x45 cm. This map most probably was one included in Williams's *Appleton's Railroad & Steamboat Companion*, called on ABE.com "one of the finest railroad guides of the period." Very poor quality copy has been obtained; Compendium-quality copy needed. Map has good detail of the Missouri Bootheel region; for example, the St Francis "Lead Fork Lake" is clearly shown (but no Reelfoot Lake on the Tennessee side).

126. Winther, Osborn & R. A. Van Orman (1967). "A Classified Bibliography of the Periodical Literature of the Trans-Mississippi West, 1811-1957"

- *Viitanen ref. no. 47*. Indiana Univ. Press, Bloomington IN, 340 pp. Includes a *Supplement (1957-67)* to the 1957 edition by Winther alone. Viitanen describes this work as "useful in double checking pertinent secondary material."

127. Zeigler, Wilbur G. & Ben Grosscup (1883). "The Heart of the Alleghanies"

- A. Williams & Co., Raleigh NC, 336 pp. Cited in Mooney (1972) "Myths of the Cherokee and Sacred Formulas of the Cherokees" p. 97(?) as describing earthquake and volcanic(!) activity in western North Carolina (pp. 228-229).

D. ...when don't have anything else to do - alphabetic

1. Abney, A.H. (1875). "Life and Adventures of L.D. Lafferty" —*St. Francis Cherokee in 1810*

- ref. by Myers (1997) "Cherokee Pioneers in Arkansas" — possibly could contain the first St. Francis Native American earthquake account.

2. Abramoske, Donald J. (1959). "The Public Lands in Early Missouri Politics"

- *Missouri Hist. Rev.*, LIII, July, 1959, pp. 295-305. Cited by Voss (1969) "Town Growth in Central Missouri" Early Missouri public land policy.

3. Adams, Daniel (1816). "Geography: Or a Description of the World"

- ref. by Shrum (1989) "The Real New Madrid Earthquakes" Post-earthquake description of New Madrid. According to Shrum, Adams says New Madrid contained no more than about 30 indifferent houses.

4. Asimov, Isaac (1987). article in the *Kansas City Star*

- Newspaper article, *Kansas City Star*, dated May 5, 1987. Cited by Bagnall (1996) "On Shaky Ground" p. 4 for the quote: "The most severe earthquake in the history of the United States took place Feb. 7, 1812, not in California, but on the Mississippi River near New Madrid..."

5. Audubon, John James (1848). "The Favorite Animals of America"

- *Stewart & Knox ref. no. 9*. Needed just to complete Audubon's views of the Lower Miss. Valley since he is justly famous for his observations and lived in the valley during the time period of the earthquakes.

6. Baugher, Ruby Dell (1944). "The Wedgewood Pitcher"

- *Viitanen ref. no.50*. A novel, Hobson Book Press, Cynthiana KY.

7. Bowman, James Cloyd (1957). "Mike Fink, Snapping Turtle of the O-hi-o-o...."

- *Viitanen ref. no.53*. Published by Little, Brown, Boston.

8. Boyd, J. N. (1878). "History of Livingston County, Missouri"

- *Stewart & Knox ref. no.16*. No additional information.

9. Brinkman, G. (1986). "The Year without a Summer"

- *Stewart & Knox ref. no.19*. *Republic Times Shopper*, Republic MO, Dec 22, p. 8.

10. Brown, John P. (1938). "Old Frontiers" 'the story of the Cherokee Indians...'

- Southern Publishers, 570 pp. Call no. E99.c5 B84. The story of the Cherokee Indians from earliest times to the date of their removal to the West, 1838. The Cherokees were among a number of non-indigenous tribes that had settled in the New Madrid region in the 1811 time frame.

11. Brunvand, Jan Harold (1968). "The Study of American Folklore"

- W.W. Norton & Co., New York. *Viitanen ref. no. 54*. Call no. GR 105.B7. Probable just a Background— Historical source but need to check for any New Madrid mention.

12. Campbell, R. A. (Atlas, 1873). "Campbell' New Atlas of Missouri"

- Cited by *Ogilvie* (1970) "Governmental Efforts at Reclamation in the SE Lowlands" p. 157. A companion atlas (of Missouri maps?) to *Campbell* (1874) "Campbell's Gazetteer of Missouri..." It's rather late date is the reason for the *Code D* priority.

13. Carnegie, Andrew (1886). "Triumphant Democracy"

- Scribner's, New York, 519 pp., call no. E168.C294. Cited by *Gould* (1889) "Fifty Years on the Mississippi," re, the development of steam power and the Special Interest Topic *Steamboat 'New Orleans'*.

14. Cary, Matthew (Map, 1814). "Tennessee"

- Pocket atlas print, Philadelphia. Small, non-Compendium copy from Murray Hudson, the Antiquarian. Of interest is a trail or trace shown from (future) Memphis to Nashville. Otherwise a quite unremarkable map.

15. Charlevoix, Pierre de (Map, 1761?). "Map of the Western Ocean & Part of North America"

- "Intended to Illustrate the Voyage made by F. Charlevoix the Jesuit in 1720..." Frontpiece to Vol. 1 of *Charlevoix* (1761) "Journal of a Voyage to North America." The map included in the English edition of 1761 is based on that of Bellin, hydrographer to the King of France. The map is centered on the Atlantic ("Western") Ocean and "Part of North America" extends far enough to show the Mississippi River, but in a very sketchy manner.

16. Collins, Lewis (1848). "Historical Sketches of Kentucky"

- Publ. by J.A.&U.P. James, Cincinnati, 562 pp. One mention of earthquakes, pp. 363-364. Need to review entire book for any Compendium-relevant material.

17. Culmer, Frederic A (1938). "A New History of Missouri"

- McIntyre Publ. Co., Mexico MO, 592 pp. Scan for relevant material.

18. Culmer, Frederic A (1939). "A History of Missouri for High Schools"

- McIntyre Publ. Co., Mexico MO, 304 pp. & a folded historical map of the state. Scan for relevant material.

19. Daly, Reginald A. (1926). "Our Mobile Earth"

- Cited by *Freeman* (1932) "Earthquake Damage & Earthquake Insurance" as an "optimist" concerning the chances of damaging earthquakes in New England. Need to scan for possible Compendium material.

20. Darby, William (1816). "A Geographical Description of the State of

Louisiana..."

- Philadelphia. A booklet published concurrently with Darby's map "Map of the State of Louisiana with part of the Mississippi Territory..." The map is basically just for the state of Louisiana; the booklet probably also is but needs to be checked since Darby surveyed and worked in parts of the *province* of Louisiana.

21. Darby, William (1833). "A New Gazetteer of the United States of America..."

- Publ. By Hartford E. Hopkins, 630 pp. Need to scan it for relevant Compendium material—but evidently it's for the entire U.S., hence the low priority. No maps?

22. Davidson, Robert (1847). "History of the Presbyterian Church in the State of Kentucky"

- *Viitanen ref. no. 59*. Not cited any other source. Publ. by Robert Carter, New York, 371 pp.

23. Drake, Benjamin (1852). "Life of Tecumseh"

- *Penick ref. no. 73*. Queen Publ. House, Cincinnati, Available as Kraus reprint (1969), New York, 235 pp.

24. Drake, Julia A. (1956). "Red Glory"

- *Viitanen ref. no. 60*. Not cited any other source. Publ. by Torch Press, Cedar Rapids, Iowa. A novel about a westward journey; the New Madrid portion is described by *Viitanen* (1972) pp. 149-150.

25. Drinnon, Richard (1972). "White Savage" —see J. Hunter's "Memoirs of a Captivity.."

- *Penick ref. no. 76*. Schocken Books, New York, 282 pp. Penick says "no fair minded reader of Drinnon's *White Savage*...can any longer maintain that Hunter was an impostor and his book [see *Hunter* (1973)] a hoax." Hunter was a Primary Eyewitness for the 1811-12 earthquakes while he was an Indian captive down along the Arkansas River.

26. Duden, Gottfried in Goodrich, J.W., ed. (1980). "Report on a Journey..." [1824-27]

- Full title: "Report on a Journey to the Western States of North America and a Stay of Several Years along the Missouri (during the Years 1824, '25, '26, and 1827)". A joint publication with the State Historical Society of Missouri, 400 pp. ISBN 0-8262-0295-0. A Post-Earthquake Observer source but may have been exclusively in the Missouri River region.

27. Dupré, Louis J. (1881). "Fagots from the Campfire"

- *Penick ref. no. 70*. Publ. By E.T. Charles & Co., Washington. Penick refers to this work as "fiction," containing "many fanciful recollections of the earthquakes" and to Dupré as "The Newspaper Man". Needs to be scanned for relevant Compendium material although it sounds like a less-than-reliable source. (One chapter, 26, was copied from TN State Archives by A. Metzger.)

28. Eades, Harvey L. (1870). "History of South Union Shaker Colony from 1804-1836"

- *Street ref. no. 12*. *Street* (1984) p. A202 transcribes several brief descriptions of experiencing the D1 and F1 earthquakes at the Shaker Colony in South Union KY. The *History* was

transcribed Harvey L. Eades in 1870 and included in the South Union Shaker Journals, Kentucky Library Manuscript Division, Western Kentucky Univ., Bowling Green KY.

29. Engle, Eloise (1966). "Earthquake: The Story of Alaska's Good Friday Disaster"

- Publ. by John Day Co., New York, 217 pp. *Bagnall* (1996) "On Shaky Ground" says Engle discusses "other earthquakes of importance" including New Madrid.

30. Finley, James B. (1854). "Autobiography of James B. Finley or Pioneer Life in the West"

- *Penick ref. no. 62; Viitanen ref. no. 24.* Methodist Book Concern, Cincinnati. From Penick: "has useful and colorful details of the impact [of the earthquakes] on religion."

31. Fun in Tennessee (1971). "Reelfoot Lake—The Legend and History" *tabloid*

- Cited in *Clifton* (1980) "Reelfoot and the New Madrid Quake" p. 38. Tabloid, author unknown, Reelfoot State Park.

32. Ganier, A. E. (1933). "Water Birds of Reelfoot Lake"

- *J. Tenn. Acad. Sci.*, vol. 8, pp. 65-83. Cited by *Shelford* (1963) "The Ecology of North America."

33. Giles, Janice Holt (1957). "The Believers"

- *Penick ref. no. 69; Viitanen ref. no. 66.* Houghton Mifflin Co., Boston. One of several novels that use the New Madrid earthquakes as a plot device.

34. Hale, Will T. & Dixon L. Merritt (1913). "A History of Tennessee and Tennesseans..."

- Full title: "A History of Tennessee and Tennesseans; the Leader and Representative Men in Commerce, Industry and modern Activities" Lewis Publishing Co., Chicago & New York. Cited by *Weakley* (1941-42) in "Things You Probably Did Not Know Before—The New Madrid Earthquakes."

35. Hall, Eliza Calvert (1916). "Clover and Blue Grass"

- *Viitanen ref. no. 67.* Published by Little, Brown, Boston. Another novel for which the New Madrid earthquakes serve as a plot device.

36. Halstead, Dorothy H. (n.d.). "Quake Patterns Along the New Madrid Fault"

- Cited in *Clifton* (1980) "Reelfoot and the New Madrid Quake" p. 39. Info. Handout for the New Madrid Museum. No date given.

37. Harding, Julia Morgan (1904). "Life of George Morgan"

- In the Washington (Pa.) *Observer*, May 21, 1904. Cited by *Swem* (1918) "Letter from New Madrid, 1789" as containing numerous references to George Morgan, the founder of New Madrid.

38. Harper's Weekly (12 Apr 1862). "Views at New Madrid & Point Pleasant" *engraving*

- Civil War Issue. Page 228 has an engraving of New Madrid and Point Pleasant because of the interest piqued in the North by the Battle of Island No. 10. A good prospect to see what the New Madrid riverfront looked like in pre-levee times.

39. Hinchey, Allan (1932). "Stories of Southeast Missouri"

- Publ. In Cape Girardeau by Mo Printing & Stationary Co., 32 pp. Ref. by *WPA-HRS* (1935-42) in the bibliography of *Sketch of New Madrid*.

40. Hobbs, William H. (1911). "Earthquakes in Michigan"

- Publ. 5 (Geol. Ser. 3), Mich. Geol. and Biol. Surv., Lansing, pp. 69-87). Cited by *Hobbs* (1927) "Cause of Earthquakes, Especially those of the Eastern United States" p. 270.

41. Holcombe, R. K. (1979). "History of Marion County (reprint of 1884 edition)"

- *Stewart & Knox ref. no. 50*. Walsworth Publ. Co., reprinting of 1884 edition. No other information available.

42. Howe, Henry (1851). "Historical Collections of the Great West"

- *Fuller ref. no. 27; Penick ref. no. 51*. Henry Howe publisher, Cincinnati, 2 vols. Fuller references Vol. 2, pp. 243-246 as giving "Flint's description without specific credit" (*Flint*, 1826). No other information.

43. Howell, B. F. (1973). "Earthquake Hazard in the Eastern United States"

- In *Earth & Mineral Sciences*, Penn. State Univ., vol. 42 (March 1973), pp. 41-45. Cited by *Walter Sullivan* (1974), "Continents in Motion".

44. Howse, Ruth Whitener (1947). "Folk Music of West Tennessee"

- *Viitanen ref. no. 72*. In *Tennessee Folklore Society Bulletin*, vol. 13, p. 81. Contents are mostly Indian chants, folk songs, Davy Crockett, etc. Unclear if there's any relevance to the New Madrid earthquakes.

45. Hulbert, Archer B. (1903). "Historic Highways of America"

- Cleveland, vol. IX, pp. 73-99. Cited in the *Introduction* to the 1966 reprint of Zadok Cramer's "The Navigator" as containing additional information about Cramer and his guide. AMS Press (1971) issued a reprint set of the entire 16 volumes.

46. Hunt, Gaillard, ed. (1904). "The Writings of James Madison"

- *Penick ref. no. 117*. Vol. 5, G.P. Putnam's Sons, New York. Madison was President when the New Madrid earthquakes occurred. Penick's lone mention refers only to Madison's reaction to one of George Morgan's handbills promoting "the Spanish project" [founding New Madrid], but Madison also mentions feeling at least one of the quakes in a letter (to Jefferson?).

47. Jacobs, James Ripley (1938). "Tarnished Warrior: Major-General James Wilkinson"

- *Penick ref. no. 115; Viitanen ref. no. 73*. Publ. by Macmillan Co., New York. Wilkinson was a major player in the politics and intrigues of the Transmississippi West in the several decades preceding the 1811-12 earthquakes. For example, it was his intervention with the Spanish that aborted George Morgan's grand New Madrid empire plan. Need to examine this book for relevant Compendium material.

48. James, James Alton (1928). "The Life of George Rogers Clark"

- *Penick ref. no. 116*. Univ. of Chicago Press, Chicago, 534 pp. Should contain useful background material relevant to the origins of the town of New Madrid.

49. Johnson, Charles A. (1955). "The Frontier Camp Meeting"

- *Viitanen ref. no. 75*. Southern Methodist Univ. Press, Dallas, 325 pp. Viitanen (pp. 100-101) describes at least one passage discussing the "earthquake Christians" in the aftermath of the 1811-12 earthquakes.

50. Lafferty, Maude Ward (1939). "The Lure of Kentucky"

- *Viitanen ref. no. 80*. The Standard Printing Co., Louisville. Viitanen (p. 114-115) cites Lafferty for a story of backsliding "earthquake Christians" in Louisville.

51. Leach, Maria (1949). "Funk & Wagnalls Stand. Dictionary of Folklore, Mythol. & Legend"

- Funk & Wagnalls, New York. There are three *Viitanen* (1972) references from this source: G. Foster "Folklore" *Viitanen ref. no. 64*; A.H. Krappe "Folklore" *Viitanen ref. no 77*; G.P. Kurath "Folklore" *Viitanen ref. no. 79*. It is not clear if any of them have anything to do with the New Madrid earthquakes.

52. Lewis, Arthur A., *et al.* (1958). "History of the Lewis Family—1635-1958"

- *Stewart & Knox ref. no. 67*. Published by Lewis Family, Franklin County, Missouri, 49 pp. The only obvious connection of this reference with the New Madrid earthquakes is that the murder of a slave in western Kentucky by Lilburne and Isham Lewis, nephews of Thomas Jefferson, was at least partially uncovered because of evidence exposed by damage from the New Madrid earthquakes [for the whole remarkable story see *Merrill*, 1976, "Jefferson's Nephews: A Frontier Tragedy"]

53. Maryland Historical Society (1867). "Fund Publication" –re, s-boat *New Orleans*

- *Maryland Historical Society Fund Publications*, Baltimore was a periodical/journal published by the Society that included annual reports as well as papers on various historical topics. The 1867 *Fund Publication* was cited by *Ambler* (1932) "History of Transportation in the Ohio Valley" p. 123 in connection with the steamboat *New Orleans*, a *Compendium Special Interest Topic*.

54. Matthes, Gerard H. (1922). "Earthquakes" *House Document 319, 67th Congress*

- *House Document 319, 67th Congress, 2nd Session*, pp. 115-117. Cited by *Moneymaker* (1955) "Earthquakes in Tennessee and Nearby Sections of Neighboring States—1851 to 1900."

55. McCall, Edith (1984). "Upheaval on the Mississippi"

- *American Historical Illustrations* (October, 1984), pp. 18-21. A reference from *Keel* (1999) "The New Madrid Seismic Zone: Publication Bibliography."

56. Meloy, Harold (1969). "The Gatewoods at Mammoth Cave" —*J. Spelean History*

- *Journal of Spelean History*, vol. 2 (Fall, 1969) pp. 51-62. Cited by *George & O'Dell* (1992) "... Mammoth Cave and the New Madrid Earthquakes" p. 11. They state that Meloy provides a

"modern interpretation" of New Madrid earthquake effects at Mammoth Cave.

57. Mooney, James (1896). "The Ghost-Dance Religion & the Sioux Outbreak of 1890"

- *Penick ref. no. 74.* In *Fourteenth Annual Report of the Bureau of American Ethnology for 1892-93*, 14:2, Gov't Printing Office, Washington DC. Penick cites this for its link of the Sioux *Ghost Dance* to earlier Native American religious revivals such as arising after the efforts of Tecumseh and his brother, the Prophet. Some authorities link the Cherokee *Ghost Dance* movement of 1811-1812 to the prophecies of Tecumseh and the earthquakes and comet of 1811-12 (see, e.g., *Pesantubbee*, (1993) "When the Earth Shakes: The Cherokee Prophecies of 1811-12").

58. Mullins, Marsha (1986). "Mammoth Cave Saltpetre Works"

- According to *George & O'Dell* (1992), p. 10, this report is in the *Historic American Engineering Record*, National Park Service, and is typewritten. Copies are in Superintendent's Office, Mammoth Cave National Park and the Library of Congress. George & O'Dell write that Mullins provides a "modern interpretation" of New Madrid earthquake effects at Mammoth Cave.

59. National Academy of Sciences (1969). "Seismology..."

- *Penick ref. no. 80.* Full citation: *Seismology: Responsibilities and Requirements of a Growing Science* National Academy of Sciences Report, 2 vols., National Academy Press, Washington DC. Not cited by any other source. Penick cites it "for recent developments"; it is unlikely that it contains any direct reference to the New Madrid earthquakes.

60. Ohio Archaeological & Historical Quarterly (n.d.) "The *New Orleans* Centennial"

- Vol. XXII(22), No. 1. Cited by *Havighurst* (1964) in "Voices on the River" but no date given. Since the centennial is for the first steamboat on 'western' waters, the date most probably is 1911.

61. Osborn, C. S. & S. Osborn (1942). "Schoolcraft, Longfellow, Hiawatha"

- *Penick ref. no. 67.* Jaques Cattell Press, Lancaster PA. A biography of Henry Rowe Schoolcraft, early explorer of the Ozarks and upper Mississippi River (*Schoolcraft*, 1821) he wrote a poem about the New Madrid earthquakes (*Schoolcraft*, 1820, "Transallegania, or The Groans of Missouri") panned by Penick.

62. Palmer, John (1818). "Journal of Travels in the U.S. of N. America Performed in 1817..."

- Publ. by Sherwood Neely & Jones, London, 456 pp. Pages 421-439 relate to travel in the Missouri Territory (in the West. Hist. Ms Collection, U. of MO, Columbia) so Palmer is a potential *Post-Earthquake Observer* for the Compendium.

63. Panoplist (The) and Missionary Magazine (1812). "Earthquakes"

- *Viitanen ref. no. 23.* *The Panoplist, And Missionary Magazine*, vol. 55, p. 526. Article by an anonymous author (Viitanen, pp. 96-97) urging readers to live righteously so as to be prepared should God strike them down in great disasters like the New Madrid and Caracas earthquakes. Viitanen gives the date as 1812 in the p. 96 footnote but 1912 in his reference list.

64. Parker, Nathan (1867). "Missouri As It Is in 1867"

- Philadelphia; no other publication information. Cited by *Ogilvie* (1970) p. 154, for a description

of the southeast Missouri swamps and the "disease and death" caused by them, even after they've been drained and dried. A Related work by Parker, "Missouri Handbook" (1865), P.M. Pinckard, St. Louis, may be an earlier or first edition of *Missouri As It Is*.

65. Parks, E. Taylor (July 1962). "Foreign Aid—150 Years Ago" Caracas earthquake aid

- *Penick ref. no. 61. Foreign Service Journal*, vol. 39, no. 7 (July 1962), pp. 36-39. Cited by Penick for discussing the first disaster aid by the American government—to the victims of the 1812 Caracas earthquake. It's not clear if any comparison is made to the New Madrid relief act which followed several years later.

66. Paulding, James Kirk (1832). "Westward Ho! A Tale"

- *Viitanen ref. no. 85. J. & J. Harper*, New York. A novel of a Virginia family pioneering on the Kentucky frontier. Of note because of its early date. Reprinted by Scholarly Press, Grosse Point, MI, 1968.

67. Perrin, W. H., J. H. Battle & G. C. Kniffen (1886). "Kentucky. A History of the State..."

- *Viitanen ref. no. 84. Publ. by F.A. Battey*, Louisville. An early state history; since it was published in Louisville there is a chance of better coverage of the New Madrid earthquakes.

68. Posey, Walter Brownlow (1933). "Development of Methodism in the Old Southwest"

- Weatherford Printing Co., Tuscaloosa AL, 151 pp. Pages 50 & 51 cited by *Sweet* (1936) "Religion on the American Frontier..." p. 815, for discussion of the temporary "earthquake Christians."

69. Posey, Walter Brownlow (1952). "The Presbyterian Church in the Old Southwest..."

- John Knox Press, Richmond VA, 192 pp. Of interest to see how prominently the Presbyterian minister and important New Madrid *Post-Earthquake Observer* Timothy Flint (*Flint*, 1826, *Recollections...*) is featured in this work.

70. Purcell, Martha Grassham (c 1915). "Stories of Old Kentucky"

- American Book Co., New York, Cincinnati, 192 pp. Need to review for any New Madrid earthquake-related stories.

71. Raban, Jonathan (1981). "Old Glory: An American Voyage"

- Simon & Schuster, New York, 408 pp. Cited by Kleber (*Kleber*, 1983) in his review of Penick: "...*Old Glory* describes the decline of many Mississippi River towns but none went quite so quickly or dramatically as New Madrid."

72. Rankin, John (1837). "Letters on American Slavery" D1 far-field report

- *Street* (1984) *ref. no. 23. 2nd edit.*, Charles Whipple, Newburyport CN. Far-field D1 report from Birdsville KY that includes masonry collapse

73. Reisig, Michael (2000). "New Madrid Run"

- Clear Creek Press, Mass Market, ISBN 0965124010. A post-apocalyptic novel of the

aftermath of the next New Madrid earthquake.

74. Ryder, F. Van Loon (1958). "New Orleans'—First Steamboat on Our Western Waters"

- *American Opinion Magazine*, Belmont MA, November, 1958 issue. This article was reprinted in the *Filson Club History Quarterly* (see Ryder, 1963). The steamboat *New Orleans* is a Compendium *Special Interest Topic*.

75. Sagan, Carl & Ann Druyan (1985). "Comet" *Random House*

- Random House, New York. Cited by *George & O'Dell* (1992) p. 17 for its description (p. 372) of the "great comet of 1811" and by *Keel* (1999) for the information that Tolstoy uses the "comet of 1812" in Chpt VIII of *War and Peace*. This comet, which was visible from September 1811 to about January 1812 is a Compendium *Special Interest Topic*.

76. Seals, Rev. Monroe (1935). "History of White County, Tennessee"

- Reprinted, 1974, by Reprint Co., Spartanburg SC, 152 pp. OCLC 03797724. According to *Crouch* (1973) "The Caney Fork of the Cumberland", this east Tennessee county history is the source of reports of fissuring, liquefaction, slumping, landslides, rumblings and sulfur smells, all in White County, all caused by the 1811-12 earthquakes (White County is ~400 km from the NMSZ).

77. Shackford, James Atkins (1956). "David Crockett, the Man and the Legend"

- Univ. of North Carolina Press, Chapel Hill NC, Cited in *Keel* (1999) "New Madrid Seismic Zone: Publication Bibliography" for a narrative (pp. 62-63) on Reelfoot Lake.

78. Shaver, Jesse M. (1933). "Biotic Relationships at Reelfoot Lake"

- *Journal Tenn. Acad. Science*, vol. 8, no. 1, p. 61-

79. Shreveport Magazine (March, 1969). "America's Greatest Earthquake" by B. Clarke

- *Shreveport Magazine*, 529 Crockett St., Shreveport LA 71102. This was the source article for Blake Clark's (*Clark*, 1969) *Reader's Digest* condensation. It has little potential to have anything of value any more than the *Reader's Digest* story did.

80. Shrum, E. E. & M. Mates (1980). "The Slaves & Slave Owners of Cape Girardeau Cty."

- *Stewart & Knox ref. no. 108*. Published by the author, Scott City MO, 152 pp. Shrum also authored "The Real New Madrid Earthquakes," which contains a number of previously unknown, valuable Compendium references.

81. Smith, James Morton [ed.] (1995). "The Republic of Letters"

- Full citation: "The Republic of Letters: The Correspondence between Thomas Jefferson and James Madison, 1776-1826" W.W. Norton, New York, 3 vols. Cited in source notes by *Fradkin* (1998) "Magnitude 8", p. 285. The citation probably refers to Madison's brief mention in a letter to Jefferson of feeling the 7 Feb 1812 F1 earthquake.

82. Snyder, G. S. (1970). "In the Footsteps of Lewis and Clark"

- *Stewart & Knox ref. no. 111*. National Geographic Society, Washington DC, 216 pp. Not cited, any other source. Needs review for any Compendium relevant material.

83. Sorenson, Donald J. (1950). "Recent Asian Earthquake..." *Kansas City Times*

- Full citation: "Recent Asian Earthquake Was One of Five Most Powerful in History" *Kansas City Times*, Oct. 12, 1950. Cited in *Robins (1951b)* "Americans in the Valley, Part IV" for ranking "other powerful earthquakes" as: Lisbon, 1755; San Francisco, 1906; Japan, 1923; and the recent Assam earthquake, 1950. Evidently New Madrid, 1811-12, completes the quintet?

84. Southeast Missouri Reg. Plan. & Economic Develop. Comm. (Map, 1975).

- *Stewart & Knox ref. no. 4*. "History and Travel Guide to Southeast Missouri Region" by the SE Missouri Regional Planning & Economic Development Comm., Perryville, MO. Folded map with notations.

85. St. George, Judith (1980). "The Amazing Voyage of the *New Orleans*"

- G.P. Putnam's Sons, New York. Cited by *Bagnall (1996)* "On Shaky Ground" as suitable for children ages 4-8. The story is illustrated with pencil sketches by Glen Rounds. The steamboat *New Orleans* is a Compendium *Special Interest Topic*.

86. Stearns, R.G. (1971). "Earthquake Damage in Lauderdale County"

- *Tennessee Conservationist* magazine, vol. 37, no. 8, pp. 4-5. Presents information on an earthquake-triggered landslide on the Chickasaw loess bluffs. (Probably a contemporary earthquake, not one of the extensive set of slides on the bluffs associated with 1811-12.)

87. Sweet, William Warren (1920). "The Rise of Methodism in the West"

- Quoted as "being the journal of the Western Conference, 1800-1811. Published in New York (or Nashville?), 207 pp. Sweet (p. 29) quotes the *Western Christian Advocate* of 9 Jan 1846 as saying that because of the 1811-12 earthquakes, even "the most vile and hardened sinners began to tremble and quake, and go to meeting...it seemed as if almost everybody would become religious that winter and spring."

88. Sweet, William Warren (1964). "The Baptists, A Collection of Source Material"

- Cited by *Posey (1957)* "Baptist Church in the Lower Miss. Valley" p. 59. as containing the entire autobiography of Far-Field Observer, Jacob Bower, (Muhlenberg County, KY), which is excerpted in *Posey (1957)*.

89. Violette, Eugene M. (1918). "A History of Missouri"

- Orig. publ., Boston, New York; reprinted by Ramfre Press (1960), Cape Girardeau MO, 500 pp. Cited in *WPA-HRS, New Madrid county (1935-42)*. Need to review the volume for any relevant Compendium material.

90. Wesley, Max (1977). "Acts of God, Acts of Man"

- Coward, McCan & Geoghegan, New York, 276 pp. Citation from the *Keel (1999)* "NMSZ Publication Bibliography" for "The Earthquake Lake" (presumably Reelfoot), pp. 99-107.

91. Woodbridge, Hensley C. (1957). "Folklore in the Works of Janice Holt Giles"

- Viitanen ref. no. 96. Publ. in *Kentucky Historical Society Register*, vol. 55 (Oct. 1957) pp. 330-334. Giles was cited by both Penick (no. 69) and Viitanen (no. 66) for using the New Madrid earthquakes as a plot device in the novel "The Believers" (Giles, 1957).

E. Already Acquired for the Compendium – awaiting entry

1. Baker, Kenzie Kenneth (1882-1934). Scrapbooks, early history of New Madrid
WHMC

- *Code A.* Citation, found by K. Moran from the Western Historical Manuscripts Collection, includes clippings on the early history of New Madrid, including the 1811-12 earthquakes. Copy obtained by K. Moran in 2001. Baker's scrapbooks are most likely the Joint Collection cited by Street & Nuttli (1984). A detailed comparison must confirm this before entry in the Compendium.

2. Carter, Clarence E. (1948-49). "Territorial Papers of the U.S. — Louisiana-Missouri..."

- *Code B. Penick ref. no. 25;* also cited by Ross ((1968) "The New Madrid Earthquake" p. 104. Important reference work for government documents, correspondence and other archival material in both the Library of Congress and the National Archives for the territory obtained in the Louisiana Purchase. Covers the territorial period of Missouri from 1803 to 1821 in three volumes (XIII—XIV). A number of individual Compendium entries should be forthcoming from this source.

3. Clark, Thomas D. (1979). "Historic Maps of Kentucky"

- *Code B.* Univ. of Kentucky Press, Lexington, 89 pp. Clark is considered the "Dean" of KY historians. The mapping problems in the Madrid (Kentucky) bend area should be well described here.

4. Coxe, Daniel (1722). "Description of the English Province of Carolana [*sic*] ..."

- *Code B.* Full title: "A Description of the English Province of Carolana, by the Spaniards Call'd Florida, and by the French La Louisiane" Reprinted, Univ. Presses of Florida (1976), 122 pp. One of the first English works to extensively describe the Southeast; discusses the Lower Mississippi in detail as well. Coxe was referenced by M. Lewis Clark in his 1851 letter to the U.S. Geologist (Clark, 1851) as describing a large lake above the mouth of the Ohio in earliest historic times.

5. Crofford, Emily (2000). "When the River Ran Backward"

- *Code D.* Children's fiction. Carolroda Books, Minneapolis, 84 pp. ISBN 1575054884, call PZ7.C873 Wh2000.

6. Dutton, Capt. Clarence E. (1889). "The Charleston Earthquake of August 31, 1886"

- *Code B.* pp. 203-528 in the U.S. Geological Survey Ninth Annual Report. This classic investigation of the 1886 Charleston earthquake contains some sections with comparisons between Charleston and New Madrid that need to be entered in the Compendium.

7. "Earthquake, The" (18 Jan. 1812). *The Western Spy*, Cincinnati — D1 river account

- *Code B. Viitanen ref. no. 2.* Reprint of a letter from "a gentleman, on his passage, in a barge from Cincinnati to N. Orleans" dated Chickasaw Bluffs, 21 December [1811]. Describes experiencing the 16 Dec earthquakes on the barge between New Madrid and Little Prairie. The anonymous account is very similar to a number of other D1 river accounts such as *Bedinger*

(1812), *Foster* (1812) & anonymous (Street, 1984, p. A286; Connecticut *Mirror*, 17 Feb 1812). The gentleman may well have been Bedinger or Foster or a member of their party.

8. Ellicott, Andrew (1803). "The Journal of Andrew Ellicott...." [on river, 1796-1799]

- *Code A*. Original (1803) is reprinted as No. 7 of the American Classics series by Quadrangle Books, Inc., Chicago, 300 pp. + Appendices. Ellicott was, one of if not the best surveyors for the young United States (he surveyed the U.S. southern boundary with Spanish West Florida for the federal government). In the Appendix is his detailed map of the Mississippi River from observations in 1797-98 in latitude and longitude (relative to Philadelphia). It, together with the Young, Poisson & Tuttle (1821) survey and map provide the bracketing needed to specify the detailed Mississippi River for 1811-12.

9. Edrington, Mable Flannigan (1962). "History of Mississippi County, Arkansas"

- *Code C*. Ocala Star Banner, Ocala FL, 700 pp. LCCN 620 12440; OCLC 03258173. Mississippi County, Arkansas, includes Blytheville; any description of topography or drainage could be useful.

10. Evans, Howard Ensign (1993). "Discovery & Naming of North Amer. Plants & Animals"

- *Code B*. Henry Holt & Co., New York, 294 pp. Obtained Aug. 2000 but not yet entered in the Compendium.

11. Finiels, Nicholas (1803). "An Account of Upper Louisiana" [1797-1803]

- *Code B*. Translated & edited by C.J. Ekberg & W.E. Foley, Univ. of MO Press, Columbia 153 pp. Source for the *Code A* map of the Mississippi River (*Finiels*, 1797 & 1798). Acquired for the Compendium, awaits entry

12. Gilbert, Joan (1996). "The Trail of Tears across Missouri"

- *Code B*. Univ. of Missouri Press, Columbia, 122 pp. Cherokees had settled in southeast Missouri long before the main Trail of Tears evacuations. The New Madrid earthquakes are briefly mentions, first as a deterrent to continued settlement and later because of the prevalent swampy conditions as an obstacle causing the main trails to be routed north of the New Madrid region.

13. Glazier, Willard (1887). "Down the Great River"

- *Code D*. 1st edition, Hubbard Brothers, Philadelphia, 443 pp. Describes a voyage down the Mississippi River in the late 1800s, including the segment through the NMSZ region.

14. Herrmann, R. & M.L. Jost (1988). "Simulation of Long-Period Ground Motions..."

- Full title: "Simulation of Long-Period Ground Motions for a Large New Madrid Earthquake" *Seismic Design and Construction of Complex Civil Engineering Systems*, Cassaro and Cooper, editors, pp. 1-15. A proceedings volume, ASCE National Convention, St. Louis, 104 pp.

15. Hunter, John Dunn (1973). "Memoirs of a Captivity Among the Indians of North America"

- *Code C*. *Penick ref. no. 75*. Edit. By R. Drinnon, Schocken Books, New York. Acquired 2001. Has a valuable earthquake observation of breaking ice on the Arkansas River (p. 25) that

unfortunately is not specific enough to attribute to D1, J1 or F1. Rest of the volume needs review for relevant Compendium material.

16. Imlay, Gilbert (1797). "A Topographical Description of the Western Territory of N. Amer."

- *Code B.* 3rd edit., J. Debrett, London; reprinted by Johnston Reprint Corp, New York, 598 pp. with foldout map. From ABEbooks: contains "a succinct account of its [western territory] climate, natural history, population, agriculture, manners and customs." The foldout map enhances the value of this reference.

17. Le Page du Pratz, Antoine Simon (1774). "History of Louisiana..." [1720-1734]

- *Code B.* Original edition publ. in Paris, 1758, followed in 1763 by a 2-volume English edition, then in 1774 by a one-volume edition with an identical English text entitled "History of Louisiana or of the Western Parts of Virginia and Carolina." The facsimile reprint of the 1774 edition obtained for a *Pre-Earthquake Observer* Compendium review is publ. by J.S.W. Harmanson, Pelican Press, New Orleans, 376 pp.

18. Lyell, Sir Charles (1849). "A Second Visit to the United States of North America"

- *Code B.* Fuller ref. no. 35; Penick ref. no. 35; Viitanen ref. no. 103. Publ. by John Murray, London, and Harper & Brothers, New York, 2 vols. Sir Charles visited New Madrid via steamboat in the spring of 1846. One might wish he had come sooner after the earthquakes, but his observations are extremely valuable nonetheless. Chapter 33, vol. 2, pp. 171-182 has been obtained; the entire work needs to be reviewed for other relevant Compendium material.

19. Lyell, Sir Charles (1875). "Principles of Geology" 12th ed., v1/p.452-53; v2/p.106-110

- *Code B.* 12th edit., 2 vols., London. Fuller (1912) references this edition, vol. 1, pp. 452-453, as merely containing an abstract of the account appearing in *Second Visit* (Lyell, 1849). However, Richter (1958) p. 720, cites the same addition, vol. 2, pp. 106-110, for additional New Madrid material. The 11th edition (1872) has been acquired for the Compendium. However, Lyell actively added and deleted material through the many editions of the *Principles*. Need to examine other editions, particularly the 12th, for relevant Compendium material.

20. Melish, John (1812). "Travels in the USA in the Years 1806 & 1807, and 1809-1811"

- *Code B.* Printed for the author, Philadelphia. A reprint version (Series in American Studies, 1970 reprint of the 1818 edition, Johnston Reprint Corp., New York, 648 pp.) obtained for the compendium. To be reviewed for relevant *Pre-Earthquake Observer* Compendium material.

21. Merrill, Boynton, Jr. (1976). "Jefferson's Nephews: A Frontier Tragedy"

- *Code C.* Princeton Univ. Press, Princeton NJ, 462 pp., ISBN 0-691-04640-9. The frontier tragedy—murder of a slave by two of Thomas Jefferson's nephews in western Kentucky—took place during the New Madrid earthquakes, and the course of events was influenced by the earthquakes. It's a remarkable, and true, story. Merrill's scholarship is impressive so this book has much to recommend it for the Compendium.

22. Montessus de Ballore, Ferdinand (1907). "*La Science Séismologique*"

- *Code B.* Armand Colin, Paris, 579 pp., 222 figs. This is one of the classic works from the early

period of seismology by a French geologist and international authority on earthquakes. No known English translation. Original French edition obtained Sep 2000. There are many passages on the New Madrid earthquakes especially in Chpt. 13, *Geologic Effects of Earthquakes*. Note that this was pre-Fuller (Fuller, 1912): principally Broadhead (1902) "The New Madrid Earthquake" and Shepard (1905) were relied on.

23. Montessus de Ballore, F. de (1924). "*La Géologie Sismologique*" pp. 16-33.
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- Code A. Armand Colin, Paris, 458 pp. In French, issued posthumously. Compare to *Montessus de Ballore* (1907). This work has more case histories of notable earthquakes, including New Madrid (pp. 16-33) but other references to it scattered throughout the text. Unlike *La Science Séismologique*, *La Géologie Sismologique* had Fuller (1912) available and used it extensively. Richter, in his classic *Elementary Seismology* (1958) uses *Montessus de Ballore* (1924) as a standard reference for his Earthquake Chronology and for New Madrid.

24. Morris, Eastin (1834). "Tennessee Gazetteer or Topographical Dictionary"
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- Code B. W.H. Hunt & Co., Nashville, 178 pp. Obtained for the Compendium, 2000. Ristow (1985) "American Maps and Mapmakers" p. 138, says the *Tennessee Gazetteer* "probably was intended as an adjunct to Matthew Rhea's map of Tennessee" (Rhea, 1832).

25. New Madrid Weekly Record (1866-present). microfilm at MHS, Columbia
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- Code A. Entire microfilm set (~12 reels) of the surviving NMWR issues up to 1943 were obtained from the State Historical Society of Missouri (Columbia) in 1999 (?) but only a small portion has yet been reviewed. The *Record* was established in 1866 but early issues were lost in a saloon fire; the pre-1900 issues on the film are incomplete

26. Nuttal, Thomas (1821). "A Journal of Travels into the Arkansa Territory during...1819"
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- Code B. Fuller ref. no. 40; Penick no. 34; Viitanen no. 36. Reprinted in *Thwaites* (1904) vol XIII and by AMS Press in 1966. Obtained for the Compendium a version reproduced by the Univ. of Arkansas Press, Fayetteville (1999), edited by Savoie Lottinville. The section of his lower Mississippi travels (pp. 34-65) has been copied; need to review the rest, especially the visit to Arkansas Post, for relevant Compendium material.

27. Pensantubbee, M.E. (1993). "When the Earth Shakes: Cherokee Prophecies of 1811-12"
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- Code B. *The American Indian Quarterly*, Vol. 17, No. 3, summer 1993, pp. 301-307. The Cherokee ghost dance movement of 1811-12 was part apocalyptic, part restorationist, part revivalist; this work is part of a doctoral dissertation studying the movement. Pensantubbee explores how Tecumseh, the New Madrid earthquakes, and the comet of 1811 influenced the movement.

28. Rafferty, Milton D. (1996). "Rude Pursuits...Schoolcraft's Ozark Journal 1818-1819"
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- Code B. Univ. of Arkansas Press, Fayetteville, 170 pp. Recommended by Bob Lafferty, 1996. Scanned, not entered. Mostly a description of the lead mining district in Missouri. However, it is the only report to date of landslides in the Ozarks (on the St. Francis headwaters) due to the New Madrid earthquakes.

29. Rector, William (1820). Letter to Jenifer Sprigg, in Carter's *Territorial Papers...*, v. XV
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- *Code B.* Reproduced in *Carter (1948-49) "Territorial Papers of the United States: Louisiana-Missouri Territory, 1803-1821,"* Vol. XV, p. 668. Cited by *Shrum (1989) "The Real New Madrid Earthquakes"* p. 83. Rector was Surveyor-General of Illinois & Missouri; Jenifer T. Sprigg was Deputy Surveyor and resident of Cape Girardeau County. Rector directed Sprigg to survey the New Madrid area's two main townships; this was the letter that initiated the township & range plat surveys for the Missouri Bootheel (see *Township & Range Plats, 1820s-1850s*). Obtained for the Compendium; not yet entered.

30. Rector, William (1821). Letter to Josiah Meigs, in *Carter's Territorial Papers...*, v. XV

- *Code B. Viitanen ref. no. 87.* Reproduced in *Carter (1948-49) "Territorial Papers of the United States: Louisiana-Missouri Territory, 1803-1821,"* Vol. XV, pp. 698-701. Rector, Surveyor-General of Illinois & Missouri, writing to his boss in which he offers the opinion that the New Madrid claims lands "injured" in the earthquakes were actually more valuable than the relief lands offered because they were "richer" and better for cotton. Copied for the Compendium; not yet entered.

31. Royall, P.D. *et al.* (1991). "Paleoecology & Paleoenvironments...Centr. Miss... Valley"

- *Code B. Stewart & Knox ref. no. 92.* Full Citation: "Late Quaternary Paleoecology and Paleoenvironments of the Central Mississippi Alluvial Valley" *Geological Society of America Bulletin*, vol. 103, pp. 157-170.

32. Rozier, Firmin A. (1890). "Rozier's History of the Early Settlement of the Miss. Valley"

- *Code B. Viitanen ref. no.32.* Publ. by B.A. Pierrot & Son, St. Louis. A copy for the Compendium has been obtained and the section containing Rozier's *Report on the submerged lands of the State of Missouri* has been entered. This section is also reprinted in the *Western Journal (Rozier, 1850)*. The rest of *Rozier's History* needs to be reviewed for relevant Compendium material.

33. Rutherford, Henry & James Robertson (1785). Survey field notes in West Tenn.

- *Code A,* Henry Rutherford and James Robertson were respectively, chief and deputy surveyors for the original West Tennessee land grant surveys in 1785 when the land was still owned by the Chickasaw Indians. Their surveys covered large portions of both the Reelfoot and Obion River watersheds and are *prima facie* evidence that neither Reelfoot Lake or Lake Obion existed in 1785. Win Smith at Univ. of Tennessee at Martin had their library obtain a copy of the survey field notes from the Tennessee State Archives. A fair-quality copy was obtained from UT Martin for the Compendium but is too voluminous to put online. A map of the NW Tennessee portion of the surveys is under construction.

34. Scott, John (1817). Letter to Josiah Meigs, in *Carter's Territorial Papers...*, v. XV

- *Code B. Viitanen ref. no. 89.* Reproduced in *Carter (1948-49) "Territorial Papers of the United States: Louisiana-Missouri Territory, 1803-1821,"* Vol. XV, pp. 236-239. Scott was a former territorial delegate to Congress; Meigs is the Commissioner of the General Land Office in Washington. In this letter Scott is complaining about some of the problems arising in implementing the 17 Feb 1815 act of Congress entitled "An Act for the Relief of the Inhabitants of the late county of New Madrid in the Missouri Territory who Suffered by Earthquakes."

35. Shaler, Nathaniel Southgate (1891). "Nature and Man in America"

- *Code D*, C. Scribner's Sons, New York, 290 pp. Awaiting review for potentially relevant Compendium material.

36. Shea, John Gilmary [ed.] (1852). "Discovery and Exploration of the Mississippi Valley..."

- Full citation: "Discovery and Exploration of the Mississippi Valley with the Original Narratives of Marquette, Allouez, Membré, Hennepin, and Anastase Douay" Redfield Publ., New York, 267 pp. Shea was the leading scholar of his day on early Mississippi Valley history, especially the French explorations. This work should be important for the *New Madrid Compendium IVa: Background—Historical*.

37. Shea, John Gilmary (1861). "Early Voyages up and Down the Mississippi..."

- Full citation: "Early Voyages Up and Down the Mississippi, by Cavalier, St. Cosme, Le Sueur, Gravier and Guignas" J. Munsell, Albany, 191 pp., reprinted by J. McDonough, 1902. Shea was the leading scholar of his day on early Mississippi Valley history, especially the French explorations. This work, including his editorial comments should be important for the *New Madrid Compendium IVa: Background—Historical*. Some accounts may qualify for *NMC Ia* as Pre-Earthquake Observers if they comments specifically on the river valley between the mouths of the Ohio and St. Francis Rivers.

38. Stoddard, Amos (1812). "Sketches, Historical & Descriptive, of Louisiana"

- *Code A*, *Penick ref. no. 121*. Mathew Carey publ., Philadelphia. Call no. Stoddard was a good friend of Meriwether Lewis and became the first military-civil governor of Upper Louisiana after the Louisiana Purchase. Although dated 1812, the observations on the Lower Mississippi are pre-earthquake. Fairly detailed descriptions of the St. Francis basin and New Madrid make Stoddard one of the most valuable Pre-Earthquake Observers.

39. Suter, Maj. Charles R. (1878). "Report to the Secretary of War"

- *Code A*. Executive Document 1, Part 2, Appendix W. U.S. House of Representatives, 45th Congress, Vol. II, pp. 841-852. Cited by *Boyd & Schumm* (1995) in *U.S. Geol. Surv. Prof. Paper 1538—R* for providing detailed data comparing Mississippi River widths in 1821 and 1874 (see *Suter, 1874a*, for detailed maps of the river). Boyd & Schumm also reference a Vol. III for Maj. Suter's report; although the report appears complete in Vol. II, which has been obtained, Vol. III should be reviewed for possible relevant material.

40. Swanton, John R. (1939). "Final Report of the United States De Soto Expedition Comm."

- *Code B*. U.S. House of Representatives Document No. 71, 76th Congress; reprinted (1985) with new Foreword & Introduction, Smithsonian Institution Press, Washington & London, 400 pp. This government-commissioned report contains an important section on possible drainage changes in the St. Francis/L'Arguille river basins between the time of de Soto (1541) and the present. The 1811-12 earthquakes are cited as a cause for these possible changes, which contribute a large uncertainty to determining the true route of the de Soto expedition. Entire book needs to be scanned for relevant Compendium material.

41. Tributsch, H. (1984). "When the Snakes Awake"

- *Code C*. *Stewart & Knox ref. no. 124*. MIT Press, Cambridge, Mass., 248 pp. This is perhaps the only well-regarded book on abnormal animal behavior and other peculiar effects, observed both prior to and during earthquakes and reported anecdotally for centuries. The New Madrid earthquakes of 1811-12 are mentioned at various places throughout the book.

42. Van Every, Dale (1964). "The Final Challenge, The American Frontier, 1804-

1845"

- *Code D.* Morrow Publ. Co., New York, 378 pp. A copy of Chpt. VII "The Great Earthquake" has been obtained; the remainder of the book needs to be reviewed for any other relevant Compendium material.

43. Vanderwood, Paul J. (1969). "Night Riders of Reelfoot Lake"

- *Code B.* Memphis State Univ. Press, Memphis TN, 159 pp. A library copy for initial review has been obtained, but a Compendium copy is needed. This is a well-documented study of an unsavory chapter in the history of Reelfoot Lake, but there is little about the lake's earthquake origins.

44. Warren, Robert Penn (1996). "Brother to Dragons"

- *Code D.* *A Tale in Verse and Voices*, Louisiana State Univ. Press, Baton Rouge, 130 pp., a "significantly revised version" of the original edition (1953), Random House, New York, 230 pp. Called by the *New York Times* "Robert Penn Warren's best book," *Brother to Dragons* is an epic long poem about Thomas Jefferson's nephew Lilburne Lewis who in 1811 murdered one of his slaves on his property in western Kentucky (see *Merrill*, 1976, "Jefferson's Nephews: A Frontier Tragedy"). The New Madrid earthquakes figured prominently in the drama; it will be interesting to see how America's first Poet Laureate treats them.

45. Williams, John S. (1842-43). "American Pioneer...."

- *Code B.* A monthly periodical of the Logan Historical Society, 2 vols, vol. I (1842) 448 pp., vol. II (1843) 480 pp., R.P Brooks, printer, Cincinnati. Have obtained Vols I & II complete; there may be a Vol. III (1844) that has not been obtained. Several good Compendium entries from the *Pioneer* have already been identified, e.g., *Hildreth* (1842) and *Peck* (1843); both volumes need review for other possible Compendium material.

46. Williams, Samuel Cole (1928). "Early Travels in the Tennessee Country, 1540—1800"

- *Code C.* Watauga Press, Johnson City TN, 540 pp. Included in this collection of travel narratives are the accounts of many of the earliest explorers of the Mississippi Valley: De Soto, Marquette, La Salle, as well as later *Pre-Earthquake Observers* such as Charlevoix (1721), Du Pratz (1727), John Pope (1791), Michaux (1793-96), Gen. Collot (1796), Ellicott (1797) and Francis Baily (1797). However, Williams extracts only the portions of the accounts pertaining to the Tennessee Country, so the original works must be consulted for Compendium entries.

47. Williams, Samuel Cole (1930). "Beginnings of West Tenn. In the Land of the Chickasaw"

- *Code B.* Watauga Press, Johnson City TN, 331 pp. This is the best general history of West Tennessee, generally well documented and accurate. It includes a good deal about the New Madrid earthquakes, all from standard sources, and reprints nearly all of Bradbury's D1 description at the Chickasaw bluffs (*Bradbury*, 1817). A copy of Chpt X "The Earthquake and After" has been obtained; the rest of the volume needs to be reviewed for relevant Compendium material.

48. WPA Historical Records Survey, New Madrid County (1935-42).

- *Code A.* Works Progress Administration—Historical Records Survey files for New Madrid County are in the Western Historical Manuscript Collection, Univ. of Missouri, Columbia, Coll. No. 3551, Folders 14901-15354. The New Madrid County file was used extensively by Morrow (1980) "New Madrid and Its Hinterland." A hardcopy from microfilm (~900 pages) of the entire file has been obtained. Much of it is handwritten, the rest, typed. The file is disorganized and

much is duplicative. However, it serves as a valuable reference source for a number of separate Compendium entries (e.g., Barrett, 1939; Braunm, n.d.; Ellis, n.d.) and upon complete review will undoubtedly yield others.

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