

## NORTH AMERICAN PLANT COLLECTIONS IN THE LIVERPOOL MUSEUM HERBARIUM (LIV)

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### ABSTRACT

An account is given of the collectors of flowering plant specimens from continental North America which are preserved in the herbarium of the Liverpool Museum (LIV). A brief history is given of the constituent herbaria, which include the Liverpool Botanic Garden herbarium (founded in 1802), the University of Liverpool herbarium, the herbarium of John Forbes Royle and part of the herbarium of Sir James Edward Smith. Lists of collectors, arranged firstly alphabetically and secondly by state or province, are provided.

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### INTRODUCTION

This account of the North American collections of flowering plants in the Liverpool Museum herbarium (LIV) has been prepared by extracting collectors' data from three databases: the North American herbarium, the Roylean herbarium and the J.E. Smith herbarium. The latter two collections are stored separately from the main herbarium on account of their historic status. Ferns and non-vascular cryptogams, with the exception of lichens and macrofungi, are not yet fully documented on computer and have been excluded from the lists which follow. Similarly, the museum holds large collections of timber specimens and other samples of economic products, including some from North America. Details of these are included in previously published catalogues (Edmondson & Gunn 1994; Edmondson et al. 1989).

#### *History of the North American herbarium collections*

The earliest collections in the Liverpool Museum herbarium were acquired in 1799 when William Roscoe (1753-1831) purchased the Johann Reinhold Forster herbarium from Halle, Germany (Stansfield 1935, p. 50). The herbarium arrived in Liverpool in 1800, and formed the foundation collection of the Liverpool Botanic Garden's herbarium. This was established in 1802 when William Roscoe, one of the prime movers behind the creation of the Botanic Garden, gave an inaugural address to the proprietors. Shortly afterwards John Shepherd, its first curator, began to prepare voucher specimens of the plants cultivated in the garden.

The early years of the Botanic Garden contributed significantly to the botanical exploration of North America, most notably through Roscoe's patronage of John Bradbury whose pioneering explorations of the Mid-West were sponsored by the Garden. This period, described as the "Barton Epoch" by Ewan in his account of the

early history of botany in the United States (Ewan 1969, table 1) is best represented by the collections sent to Liverpool by Sir James Edward Smith, a close friend of William Roscoe. Smith enriched the collection with many specimens of plants collected by Dr. Francis Boott, Archibald Menzies, G.H.E. Muhlenberg and Frederick Pursh and there are a few earlier collections which were acquired by Sir Joseph Banks (e.g., Roger Shakespear's N. American collections) and later passed on to Sir James Smith. The counterparts of these collections, and many more from the same source, are kept in the Smith Herbarium of the Linnean Society of London (LINN), which has also now been documented on computer (Edmondson & Smith 1999).

Another early explorer, Thomas Nuttall, was also associated with the Garden and although his main collections are in Philadelphia (PH) and London (BM) there is a significant element in the Liverpool herbarium.

Prior to the American Civil War, there were few established botanical institutions in the United States, and independent collectors tended to supply material to European herbaria rather than to retain it in North America. Several important 19<sup>th</sup> century collectors are well represented in Liverpool, notably the Florida collections of Ferdinand Rugel and the Louisiana collections of Thomas Drummond. Other notable collectors of this period, known by Ewan as the "Torrey and Gray" epoch, include John Torrey himself, David Douglas, and a Liverpool collector "C.S. Parker". The latter has been tentatively identified as Charles Sandbach Parker, who died in 1869.

It is worth pausing to consider the considerable efforts which were made by these early collectors. Constantin Samuel Rafinesque (1783-1840) sounded a note of warning in the introduction to his *New Flora and Botany of North America* (1836):

"Let the practical Botanist who wishes like myself to be a pioneer of science, and to increase the knowledge of plants, be fully prepared to meet dangers of all sorts in the wild groves and mountains of America. The mere fatigue of a pedestrian journey is nothing compared to the gloom of solitary forests, when not a human being is met for many miles, and if met he may be mistrusted . . . Mosquitoes and flies will often annoy you or suck your blood if you stop or leave a hurried step. Gnats dance before the eyes and often fall in unless you shut them; insects creep on you and into your ears . . . You meet rough or muddy roads to vex you, and blind paths to perplex you, rocks, mountains, and steep ascents. You may often loose [sic] your way, and must always have a compass with you as I had. You may be lamed in climbing rocks for plants or break your limbs by a fall . . . In deep fords or in swift streams you may lose your footing and be drowned . . . You may travel over an unhealthy region or in a sickly season, you may fall sick on the road and become helpless, unless you be very careful, abstemious and temperate. Such are some of the dangers and troubles of a botanical excursion in the mountains and forests of North America. The sedentary botanists or those who travel in carriages or by steamboats, know little of them; those who merely herborize near a city or town, do not appreciate the courage of those who brave such dangers to reap the botanical wealth of the land, nor sufficiently value the collections thus made."

In the late 19<sup>th</sup> century, Ewan's "Graduate Laboratory" epoch, exsiccatae were prepared by commercial dealers who offered sets for sale in Britain. The Liverpool pharmacist Alban Edward Lomax (1861-1894) owned a number of these collections, which were later presented to the University of Liverpool. Such collections, though usually having little nomenclatural significance, can provide useful data on the former occurrence of rare and endangered species.

The early years of the 20<sup>th</sup> century are poorly represented in the Liverpool Museum's North American collections, by comparison with those of the previous century (see Table 1). This is mainly a reflection of the low status of Botany in Liverpool during the period following the first World War, rather than of a diminution of collecting activity in North America. The Liverpool Microscopical Society received a large collection of diatom slides from M.J.B. Cole and others, mainly originating from California; these were acquired by Liverpool Museum in 2002.

TABLE 1. Distribution of collection dates by quarter century, 1775-1999.

<i>Decade</i>	<i>Number of collectors</i>
1775-1800	2
1801-1825	4
1826-1850	12
1851-1875	30
1876-1900	111
1901-1925	6
1926-1950	8
1951-1975	71
1976-1999	7

In 1952 the Museum acquired the Roylean herbarium from the Liverpool Royal Institution, where it had been housed since the 1850s. It is predominantly a collection of Himalayan and Southern Indian specimens, but a smattering of North American material has been found, often with little or no documentation. Some of this material may previously have been part of Aylmer Bourke Lambert's herbarium, which was dispersed at auction in 1842; see Miller (1969) for further details of these collections.

In 1974 the University of Liverpool began to transfer its collections to the Liverpool Museum, leading to the merger of LIVU and LIV. In the late 1970s, during a revival of activity in the Liverpool Museum herbarium, an exchange program was established with colleges in Texas and Wisconsin, which contributed a large amount of new material. Cultivated vouchers are also strongly represented

from North American botanic gardens of this period, and although these fall outside the scope of this article it should be noted that the Cultivated Herbarium at LIV has also been documented on computer.

### *Collectors and collections*

The process of transferring data from specimen labels to a computerised database is necessarily complex, due mainly to the lack of standardisation in the way the information has been recorded manually. The "collector" can be defined as the person who actually sampled the plant in the field and preserved it by pressing and drying. Various other names masquerading as "collector's names" appear on specimen labels and need to be deciphered (see Ewan 1969 for an explanation of this problem). In the computerised database, the person who assembled or distributed the collection is recorded separately from the name of the actual collector. In some cases it is difficult to assign a person to either category without specialist local knowledge; it is possible, therefore, that some names in the following lists are wrongly attributed. Comments on and corrections to the list would be welcomed.

In the tables that follow, collectors' names are given with dates of birth and/or death where the context appears to match information given in standard indexes of collectors (e.g. Harrison 1985; Hedge & Lamond 1970; Holland et al. 1997; Lanjouw et al. 1954-1988). In other cases, collectors' surnames and initials are cited without dates, usually because the information on the specimen label is insufficient to allow them to be clearly identified.

TABLE 2. List of collectors in herb. LIV.

Note: Canadian provinces are treated as states. CC = 'Carolina' (sensu lato);  
CAN = Canada (unlocalised); MX = Mexico; USA = United States of America

<i>Full name and dates</i>	<i>Date range</i>	<i>States with localised collections</i>
Adams, M.L.	1972-1976	TX
Aiton, George Briggs (1856-?)	1890-1892	ID, MA
Akers, S.J.	1975	TX
Allen, H.	1975	TX
Alling, J.C.	1890	CO
Ames, Mary E. Pulsifer	1885-1888	CA
Anderson, Frederick William (1866-1891)	1885	MT
Arbogast, R.	1975	TX
Au Yeung Man Ting	1975	TX
Austin, Coe Finch (1831-1880)		NY
Austin, R.M.		CA
Babcock, Henry Homes (1832-1881)		IL, MN
Baker, W.B.	1975	TX
Baldwin, J.C.	1934	IA
Barber, A.W.	1886	FL
Barry, S.	1961	WI
Bartee, J.H.	1965	TX
Bassler, H. Russel	1879-1880	PA
Beardslee, Henry Curtis jnr. (1865-1948)	1890-1891	MI, NC, OH
Bebb, Michael Shuck (1833-1895)	1861-1867	IL
Beck, F.	1963	TX
Bell, Robert (1841-1917)		CAN
Bennett, Elizabeth	1924	CT
Bennett, S.	1962	WI
Benton, D.	1973	TX
Bertram, Werner (1835-1899)	1884	ME
Bigler, E.A.	1882	IL
Bingham, R.W.	1882-1883	CA
Bischoff, D.		PA
Blackerly, B.	1975	TX
Blake, Rev. Joseph (1814-1888)	1862-1885	AL, CA, CT, MA, MD, ME, MN, NH, SD, VA
Blake, J.T.D.	1861	VT
Blanchard, Ferdinand (1851-1892)	1880-1884	VT
Boerger, M.	1975	TX
Boott, Dr Francis (1792-1863)	1815-1816	CAN, MA, MD, MS, NH
Boyce, John Shaw (1889-x)	1881	MN
Boyce, Thomas E.	1881	MI
Bradbury, John (1768-1823)	1808-1813	CC, LA, MO, MS, NE, OR, SD
Breese, K.	1975	TX
Brenckle, Jacob Frederick (1875-1958)	1910	ND
Bright, John (1872-1952)	1932	PA
Brinckley, Elizabeth Emma	1940	AR
Buckley, Samuel Botsford (1809-1884)		AL, CC, GA, MO, MS, NY, VA
Burglehaus, Frederick Hope (1869-1921)	1890-1891	MN
Burke, B.	1975	TX
Butler, George Dexter (1850-1910)	1887	IN
Byington, Edward Lewis (x-1891)	1887	CO
Campbell, E.	1883	IL
Canby, William Marriott (1831-1904)	1861-1885	CC, DE, FL, GA, IL, KS, MD, MI, NC, NJ, NY, PA, SC, TN, VA
Chesnut, Victor King (1867-1938)	1888	CA
Chapman, Alvan Wentworth (1809-1904)		FL
Chapman, George Jones (1904-?1999)	1935-1938	IA
Cheney, L.S.	1889	WI
Chickering, Arthur Merton (1887-x)	1880	NC
Chickering, J.W.	1875-1879	NH, VA
Clawson, J.	1959	WI
Cleveland, Daniel (1838-1929)	1876	CA
Cole, M.J.B.		CA, MA, MD, NH
Colt, G.M.B.		CA
Congdon, Joseph Whipple (1834-1910)	1875	VT
Cook, P.	1975	TX
Cullum, C.E.	1975-1976	TX
Curtiss, Allan Hiram (1845-1907)	1871-1883	BC, FL, NC, VA
Cusick, William Conklin (1842-1922)	1886	OR

Davis, P.W.		NV	Grittinger, T.F.	1961	WI
Davidson, Anstruther (1860-1932)	1891	CA	Gross, C.A.	1872	NJ
Deppe, Ferdinand (d. 1838)	1828	MX	Gully, R.	1975	TX
Diffenbaugh, Elias (x-1870)		PA	Haberer, J.V.	1877-1885	NY
Douglas, David (1799-1834)	1830-1832	CA	Hall, Elihu (1820/2-1882)	1864-1867	IL
Drummond, Thomas (1780-1835)	1831-1833	LA, MO, PA	Hall, Franklin Wilson (1852-1888)	1873-1874	CT
Edmondson, C.	1880	KS	Harper, R.A.	1892	NH
Edmondson, Eliza Jane (1832-1917): see Spence, E.J.			Hasse, Hermann Edward (1836-1915)	1876-1892	AR, CA, MO
Edmondson, John Richard (1948-)	1980	CA, MX	Haug, J.C.	1973-1977	TX
Edmondson, Thomas William (1869-1938)	1901-1923	MA, NJ, NH, NY, QBC	Heller, Amos Arthur (1867-1944) & Small, John Kunkel (1869-1938)	1891	PA
Eggers, Heinrich Franz Alexander von (1844-1903)	1877	NY	Hicks, G.H.	1887-1888	MI
Ellsworth, W.S.		CA	Highbarger, P.	1975	TX
Fassett, Norman Carter (1900-1954)	1935	MI	Hodge, Walter Henricks (1912-x)	1933	MA
Fell, R.	1880	MI	Hollingsworth, T.	1975	TX
Fendler, A.	1847	NM	Holzinger, John Michael (1853-1929)	1886-1888	MN, MI, WI
Fletcher, D.D.	1976	TX	Howell, Thomas Jefferson (1842-1912)	1880-1885	OR, WA
Forbes, V.	1973	TX	Hultén, Eric Oskar Gunnar (1894-1981)	1960	AK
Fowler, J[ames?]	1868-1869	NB	Hunt, L.B.	1958	WI
Fraser, John jnr.	1818	NY	Iltis, C.M. (co-collector with Iltis, Hugh H.)	1961	NC
Fretz, Clayton Detweiler (1844-1926)	1881-1883	NJ, PA	Iltis, Hugh Hellmut (Helmut?) (1925-)	1957-1962	AL, CO, SC, WI
Galindo, C.L.	1975	TX	James, Joseph Francis (1857-1897)	1878-1883	CA, OH, TN
Garber, A.P.	1867-1868	MI, NJ, PA	Johnson, J.R.	1975	TX
Garman, A.	1879-1884	IL	Jones, C.M.	1962	WI
Garman, H.	1880	MI	Jones, Marcus Eugene (1853-1934)	1876-1877	IA
Garmon, W.	1975	TX	Jürgensen, C.	1843	MX
George, R.D.	1975	TX	Keil, David John (1946-)	1967	IA
Geyer, Charles Andreas (1809-1853)	1843-1844	MO	Kellogg, T.S.	1867-1888	KS, WI
Gilbert, P.	1962	WI	Kelsey, Francis Duncan (1849-1905)	1887-1891	MT
Gillman, H.		FL	Kelvington, R. (co-collector with Wat- son, Gavin)		PA
Glassman, S.F.	1960	IL	Kieckhefer, M.	1961	WI
Goodman, G.	1935-1938	IA	Koepfen, Robert C.	1956-1957	WI
Green, H.A.		NJ	Kofoed, Charles Atwood (1865) (co- collector with Beardsley, Henry Curtis)	1891	NC
Greene, Edward Lee (1843-1915)	1886-1887	CA	Langlois, Abbé Auguste Barthélemy (1832-1900)	1879-1892	AL, LA, MS
Greenwood, Barbara D. (1948-) & Greenwood, Eric F. (1938-)	1978	ALB, BC			
Griffin, J.W.	1975	TX			

Lehto, E. [see endnote for co-collectors]	1962	TX WA	Nevin, Rev. Joseph Cook (1835-1912/3)	1878	CA
Leiberg, John Bernhard (1853-1913)	1890	ID	Noamesi, G.K.	1955	WI
Lemmon, JG & Lemmon, Sarah Allen (1836-1923)	1879-1889	AZ, CA	Nuttall, Thomas (1786-1859)	1815-1817	CA, DE, GA, MA, MS, NJ, PA, VA
Lemmon, John Gill (1832-1908)	1874-1884	AR, AZ, CA	Olney, L.E.	1888	RI
Leonard, E. (co-collector with Colt, G.M.B.)		CA	Orcutt, Charles Russell (1864-1929)	1882-1890	CA
Letterman, George Washington (1840-1913)	1880-1891	AR, CO, KS, LA, MO, TX, WY	Osborne, Henry Leslie (1857-1940)	1850-1883	LAB, QBC
Lindheimer, Ferdinand Jacob (1801-1879)	1841-1844	TX	Oyster, John Houck (1849-1920)	1882-1887	CA, CAN, KS, IN, MX, NE, OR, PA, TX
Little, Elbert Luther, Jr. (1907-)		AZ	Pachefsky, R.	1962	WI
Lloyd, Curtis Gates (1859-1926)	1882-1884	OH	Paine, John Alsop (1840-1912)	1864	NY
Macmillan, Nora Fisher (1908-2003)	1960-1977	NB, NWT, ONT	Palmer, Edward (1831-1911)	1877	AZ
Macoun, John (1832-1920)	1879-1885	BC	Pammel, Louis Hermann (1862-1931)	1888	MO
Martindale, Isaac Comly (1842-1893)	1864-1865	PA	Papp, D.W.	1973	TX
Mason, Georgia	1961	OR	Parfitt, Bruce		AZ
Matthews, S.		TX	Parish, Samuel Bonsal (1838-1928)	1881-1898	CA
McAllister, Hugh A. (1944-)		AK	Parish, SB. (1838-1928) & Parish, William Fletcher	1882-1891	CA
McCarthy, Michael Gerald (1858-1915)	1885-1888	CC	Parish, William Fletcher (see also above)	1884	AZ
McClintock, Elizabeth May (1912-)	1968	CA	Parker, A.	1889	WA
McDougal, Daniel Trembly (1865-1958)		AZ	Parker, C.F.	1864-1866	NJ
McMillan, Nora Fisher & Sheppard, A.	1977	NB	Parker, C.S. (not the following C.S. Parker)	1865-1877	NJ, PA
McMillan, Nora Fisher (1908-2003)	1977-1979	NB, NWT, ONT	Parker, Charles Sandbach	1827-1832	PA, SC
Mellichamp, Joseph Hinson (1829-1903)	1885	SC	Patman, J.	1959	WI
Menzies, Archibald (1754-1842)	1787-1788	BC, CA, WA	Patterson, Harry Norton (1853-1919)	1872-1885	CO, IL
Meyer, Frederick Gustav (1917-)	1967-1968	DC, MD	Pennington, K.	1973	TX
Miller, Elihu Sanford (1848-1940)	1871-1872	NY	Pepoon, Herman Silas (1860-1941)	1880-1897	IL, MA, MI
Moffatt, William Sayer (1847-x)	1888-1892	IL	Pepoon, M.A.	1891	IL
Mohr, Charles Theodore (1824-1901)	1879	AL	Peragallo, H.		CN
Moore, David M.	1952	AR	Pierron, P. Edwin	1876-1878	PA
Morton, Jasi Alexander	1892	ONT	Pinkava, David J. [see endnote]		AZ
Moyer, Isaac Shoemaker (1838-1898)	1866-1867	IN, MI, PA	Piper, Charles Vancouver (1867-1926)	1889	WA
Muhlenberg, Rev. Gotthilf Heinrich Ernst (1753-1815)	1793-1796	PA	Pochman, R.F.		WI
Munroe, Henry F.	1881	IL	Pollard, Henry Minter (1886-1973)	1972	CA
Murrill, W.A.	1899	NY	Pool, A.	1975	TX
Nealley, Greenleaf Cilley (1846-1896)	1887	AZ, TX	Porter, Thomas Conrad (1822-1901)	1841-1872	PA
Neill, L.	1975	TX	Pringle, Cyrus Guernsey (1838-1911)	1877-1884	AZ, CA, IN
			Reed, J.A.	1959-1960	WI

Reynolds, Mary Collins (1852-1936)	1879	FL	Sonne, Charles Frederick (1845-1913)	1875-1897	CA, IN, MD, NV
Riehl, Nicholas (1808-1852)	1846	MO	Spellings, L.	1975	TX
Ross, Edith A.	1890	IA	Spence, Eliza Jane (1832-1917)	1877-1891	CO, KS, MI, OH
Rothrock, Joseph Trimble (1839-1923)	1874	AZ	Spencer, M.	1975	TX
Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841-43	AL, CC, FL, GA, NC, PA, SC, TN, TX	Stowers, J.	1973	TX
Rusby, Henry Hurd (1855-1940)	1883	AZ, NM, TX	Strandberg, J.O.	1961	WI
Russell, Norman Hudson (1921-)	1960-1961	AZ, CA, CO	Suksdorf, Wilhelm Nikolaus (1850-1932)	1883-1884	WA
Rydberg, Peter Axel (1860-1931)	1891	NE	Summers, Rev. R.W.	1872-1885	CA, CO, MT, MX, NC, OR, WA
Sandberg, John Herman (1848-1917)	1877-1900	ID, IH, IL, MI, MN, MO, MT, WI	Sylvester, C.H.	1883-1888	AR, CA, DC, NM, WI
Sattinger, E.A.		TN	Tatum, M.J.	1975	TX
Schallert, Paul Otto (1879-1970)	1959	FL	Thomas, Roy Dale (1936-)	1971-1982	LA
Schiede, Christian Julius Wilhelm (1798-1836)	1825-1831	MX	Thompson, M.	1887	SD
Schlisling, R.A.	1960-1961	WI	Torrey, John (1796-1873)	1834	NY
Schnoes, N.	1975	TX	Tracy, Samuel Mills (1847-1920)	1886	MO
Schuermeier, C.F.	1897	IN	Trelease, William (1857-1945)	1886	CO
Schuette, Joachim Heinrich (1821-1908)	1886	WI	Turner, Lucien McShan (1847-1909)	1881	AK
Scribner, Frank Lamson (1851-1938)	1870	ME	Twissellman, Ernest Christian (1917-1972)	1968	CA
Seymour, Arthur Bliss (1859-1933)	1882-1907	IL, MA	Ugent, Donald (1933-)	1961	WI
Shakespeare, Roger (fl. 1770-1780)	1770-1780	USA	Umbach, Levi Menger (1853-1918)	1895-1912	IL, IN, MI, ONT
Sheldon, Charles Stiles (1854-x)	1880-1892	AZ, CA, CO, DC, ID, IL, IN, MD, MN, MO, NY, OK, ONT, PA, SD, TX, VA, WA, WY	Underwood, Lucien Marcus (1853-1907)	1882-1883	CT, IL, NY
Short, Charles Wilkins (1794-1863)	1860	TN	Vasey, George (1822-1893)	1846-1886	CO, DC, IL, MT, NE, NM, NY, WA
Shriver, Howard (1824-1901)		VA	Victorin, Frère Joseph Louis Marie (1885-1944)	1912	QBC
Skroch, W.A.	1961	WI	Waldee, E.L.	1934-1939	IA
Small, John Kunkel (1869-1938) & Heller, Amos Arthur (1867-1944)	1891	NC, VA	Wallace, Edward Charles (1909-1986)	1982	ALB
Smith, Daniel B. (1792-1883)		PA	Ward, R.H.	1857	FL
Smith, Jared Gage (1866-1925)	1887-1897	CO, NE	Watson, Gavin (1795-1858)	1840-1842	PA
Smith, Jared Gage (1866-1925) & Pound, Roscoe (1870-1964)	1892	NE	Webber, Herbert John (1865-1946)		NE
Smith, John	1817	CAN	Werner, William C. (1851-1935)	1884-1887	OH
Smith, John Donnell (1829-1928)		NC	Weston, C.	1975	TX
Snead, D.	1973	TX	Whatley, D.	1975	TX
Snow, Francis Huntington (1840-1913)		KS, VT	Wheeler, Charles Fay (1842-1910)	1878-1890	MI, RI
			Wilkinson, Edward (1846-1918)	1885	MX
			Wislinsky, B.	1959	WI
			Wurbs, F.	1975	TX
			Young, Andrew Harvey (1852-1926)	1874-1877	CT, IN, MD, MI, NY
			Young, M.	1967	PA

Note: Arizona State University collections were made by two principal collectors, David J. Pinkava and Elinor Lehto, along with the following co-collectors: Bigelow, Boetzer, Cazier, M.A., Clark, S., Cook, P., Davidson, J., Edwards, S., Freeman, T., Keil, D., Laughlin, M., Lewis, Little, E.L. Jr., Mishler, M., Moore, Noble, Pase, C.T., Romans, R., Russell, N.H., Sundell, E. & M., Tate, H., Velasco, J., Weber.

**TABLE 3. Geographical list of collectors**

Note: Collectors' names are listed alphabetically by state (U.S.A. & Mexico) or province (Canada). Note that Hawaiian collections at LIV are assigned to Oceania, and material from the U.S. Virgin Islands is assigned to the West Indies; these are not filed with other North American collections and are not included in this list.

<i>Country and State</i>	<i>Full name and dates of collector</i>	<i>Date range</i>
<b>CANADA</b>		
Unlocalised	Bell, Robert (1841-1917)	
	Boott, Dr Francis (1792-1863)	
	Macoun, John (1832-1920)	1879-1885
	Oyster, John Houck (1849-1920)	1885
	Smith, John	1817
ALBERTA	Greenwood, Barbara D. (1948-) & Greenwood, Eric F. (1938-)	1978
	Wallace, Edward Charles (1909-)	1982
BRITISH COLUMBIA	Curtiss, Allan Hiram (1845-1907)	
	Greenwood, Barbara D. (1948-) & Greenwood, Eric F. (1938-)	1978
	Macoun, John (1832-1920)	1885
	Menzies, Archibald (1754-1842)	1787-1788
LABRADOR	Osborne, H.L.	1850
NEW BRUNSWICK	Fowler, J.	1868-1869
	McMillan, Nora Fisher (1908-2003) & Sheppard, A.	1977
NORTHWEST TERRITORY	McMillan, Nora Fisher (1908-2003)	1960
ONTARIO	McMillan, Nora Fisher	1977
	Morton, Jasi Alexander	1892
	Sheldon, Charles Stiles (1854-x)	1882
	Umbach, Levi Menger (1853-1918)	1899



QUÉBEC	Edmondson, Thomas William (1869-1938)	1923	ALABAMA	Blake, Rev. Joseph (1814-1888)	
	Osborne, Henry Leslie (1857-1940)	1880-1883		Buckley, Samuel Botsford (1809-1884)	
	Victorin, Frère Joseph Louis Marie (1885-1944)	1912		Iltis, Hugh Hellmut (1925-)	1962
U.S.A. Unlocalised	Babcock, Henry Homes (1832-1881)		ALASKA	Langlois, Abbé Auguste Barthélemy (1832-1900)	1880-1892
	Beardslee, Henry Curtis jnr. (1865-1948)			Mohr, Charles Theodore (1824-1901)	1879
	Blake, Rev. Joseph (1814-1888)	(1862-1885)		Rugel, Ferdinand Ignatius Xavier (1806-1878)	1842-1843
	Boott, Dr Francis (1792-1863)	1817	ARIZONA	Hultén, Eric Oskar Gunnar (1894-1981)	1960
	Bradbury, John (1768-1823)	1808-1814		McAllister, Hugh (1944-)	
	Buckley, Samuel Botsford (1809-1884)			Turner, Lucien McShan (1847-1909)	1881
	Canby, William Marriott (1831-1904)	1865	ARIZONA	Lemmon, J.G. & Lemmon, Sarah Allen (1836-1923)	1879-1884
	Davis, P.W.			Lemmon, John Gill (1832-1908)	1884
	Diffenbaugh, Elias (-1870)	1863		Letterman, George Washington (1840-1913)	
	Lyon, John (x-1814)			Little, Elbert Luther, Jr. (1907-)	
	Macoun, John (1832-1920)	1865		McDougall, Daniel Trembly (1865-1958)	
	Munroe, Henry F.	1881		Nealley, Greenleaf Cilley (1846-1896)	1891
	Nuttall, Thomas (1786-1859)			Palmer, Edward (1831-1911)	1877
	Oakes, William (1799-1848)			Parfitt, Bruce	
	Olney, Stephen Thayer (1812-1878)	1868		Parish, William Fletcher	1884
	Osborne, Henry Leslie (1857-1940)	1883		Pringle, Cyrus Guernsey (1838-1911)	1882-1884
	Oyster, John Houck (1849-1920)			Rothrock, Joseph Trimble (1839-1923)	1874
	Parker, Charles F. (1820-1883)	1865		Rusby, Henry Hurd (1855-1940)	1883
	Parker, Charles Sandbach (-1869)	1827-1832		Russell, Norman Hudson (1921-)	1961
Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841-1848	Sheldon, Charles Stiles (1854-x)		1889	
Schallert, Paul Otto (1879-1970)	1959	Sylvester, C.H.			
Shakespear, Roger (fl. 1770-1780)	1770-1780	Vasey, George Richard			
Sheldon, Charles Stiles (1854-x)		ARKANSAS		Brinckley, Elizabeth Emma	1940
Smith, Claude Earl (1922-)				Hasse, Hermann Edward (1836-1915)	1876-1887
Smith, Jared Gage (1866-1925)	1890			Lemmon, John Gill (1832-1908)	1884
Sonne, Charles Frederick (1845-1913)	1888-1889		Letterman, George Washington (1840-1913)	1884	
Spence, Eliza Jane (1862-1917)	1881		Moore, David M.	1952	
Swainson, William (1789-1855)			Sylvester, C.H.		
Sylvester, C.H.	1884-1886	CALIFORNIA	Ames, Mary E. Pulsifer	1885-1888	
Underwood, Lucien Marcus (1853-1907)	1882-1883		Austin, Mrs R.M.		
Vasey, George (1822-1893)	1881		Bingham, R.W.	1882-1883	
Watson, Gavin (1795-1858)	1841-1842		Blake, Rev. Joseph (1814-1888)	1875	
Webber, Herbert John (1865-1946)	1887				
Young, Andrew Harvey (1852-1926)	1877				

	Chesnut, Victor King (1867-1938)	1888		Patterson, Harry Norton (1853-1919)	1876-1885
	Cleveland, Daniel (1838-1929)	1876		Russell, Norman Hudson (1921-)	1960
	Cole, M.J.B.			Sheldon, Charles Stiles (1854-x)	1884-1892
	Colt, G.M.B.			Smith, Jared Gage (1866-1925)	1890-1897
	Davidson, Anstruther (1860-1932)	1891		Spence, Eliza Jane (1862-1917)	1879-1889
	Edmondson, John Richard (1948-)	1980		Summers, Rev. R.W.	1885
	Greene, E.L.	1886-1887		Trelease, William (1857-1945)	1886
	Hasse, Hermann Edward (1836-1915)	1888-1892		Vasey, George (1822-1893)	1846
	James, Joseph Francis (1857-1897)	1880			
	Lemmon, JG & Lemmon, Sarah Allen (1836-1923)	1884-1889	CONNECTICUT	Bennett, Elizabeth	1924
	Lemmon, John Gill (1832-1908)	1874-1876		Blake, Rev. Joseph (1814-1888)	1878
	Leonard, E. (co-collector with Colt, G.M.B.)			Hall, Franklin Wilson (1852-1888)	1873-1874
	McClintock, Elizabeth May (1912-)	1968		Peragallo, H.	
	Nevin, Rev. Joseph Cook (1835-1912/3)	1878		Underwood, Lucien Marcus (1853-1907)	1882-1883
	Nuttall, Thomas (1786-1859)			Young, Andrew Harvey (1852-1926)	1874
	Orcutt, Charles Russell (1864-1929)	1882-1890			
	Oyster, John Houck (1849-1920)	1887	DELAWARE	Canby, William Marriott (1831-1904)	1861-1880
	Parish, Samuel Bonsal (1838-1928)	1881-1898		Nuttall, Thomas (1786-1859)	1815
	Parish, SB. (1838-1928) & Parish, William Fletcher	1882-1891			
	Pollard, Henry Minter (1886-1973)	1972	DISTRICT OF COLUMBIA	Meyer, Frederick Gustav (1917-)	1968
	Pringle, Cyrus Guernsey (1838-1911)	1882		Sheldon, Charles Stiles (1854-x)	1881-1887
	Russell, Norman Hudson (1921-)	1961		Sylvester, C.H.	1884
	Sheldon, Charles Stiles (1854-x)	1882-1892		Vasey, George (1822-1893)	1883
	Sonne, Charles Frederick (1845-1913)	1882-1897			
	Summers, Rev. R.W.	1872-1898	FLORIDA	Barber, A.W.	1886
	Sylvester, C.H.	1883-1885		Canby, William Marriott (1831-1904)	1868-1869
	Twissellman, Ernest Christian (1917-1972)	1968		Chapman, Alvan Wentworth (1809-1899)	
CAROLINA (N. & S.)	Bradbury, John (1768-1823)	1808-1813		Curtiss, Allan Hiram (1845-1907)	1883
	Buckley, Samuel Botsford (1809-1884)			Gillman, H.	
	Canby, William Marriott (1831-1904)	1885		Reynolds, Mary Collins (1852-1936)	1879
	McCarthy, Michael Gerald (1858-1915)	1885-1888		Rugel, Ferdinand Ignatius Xavier (1806-1878)	1843-1848
	Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841-1843		Schallert, Paul Otto (1879-1970)	1959
				Sheldon, Charles Stiles (1854-x)	
				Vasey, George (1822-1893)	
COLORADO	Alling, J.C.	1890		Ward, R.H.	1857
	Byington, Edward Lewis (x-1891)	1887			
	Iltis, Hugh Hellmut (1925-) & Iltis, C.M.	1961	GEORGIA	Buckley, Samuel Botsford (1809-1884)	
	Letterman, George Washington (1840-1913)	1884-1886		Canby, William Marriott (1831-1904)	1869

	Nuttall, Thomas (1786-1859)	1816-1817	INDIANA	Butler, George Dexter (1850-1910)	1887
	Rugel, Ferdinand Ignatius Xavier (1806-1878)	1843-1848		Moyer, Isaac Shoemaker (1838-1898)	1867
IOWA	Babcock, Henry Homes (1832-1881)			Oyster, John Houck (1849-1920)	1883
	Baldwin, J.C.	1934		Pringle, Cyrus Guernsey (1838-1911)	1877
	Goodman, George Jones (1904-1999?)	1935-1938		Schuermeier, C.F.	1897
	Jones, Marcus Eugene (1853-1934)	1876-1877		Sheldon, Charles Stiles (1854-x)	1891
	Keil, D.	1967		Sonne, Charles Frederick (1845-1913)	1875
	Ross, Edith A.			Umbach, Levi Menger (1853-1918)	1895-1912
	Ross, Edith A.	1890		Young, Andrew Harvey (1852-1926)	1875-1877
	Waldee, E.L.	1934-1939	KANSAS	Canby, William Marriott (1831-1904)	
IDAHO	Aiton, George Briggs (1856-?)	1892		Edmondson, C.	1880
	Leiberg, John Bernhard (1853-1913)	1890		Kellogg, T.S.	1867
	Sandberg, John Herman (1848-1917)	1877-1900		Letterman, George Washington (1840-1913)	1885
	Sheldon, Charles Stiles (1854-x)	1891-1892		Oyster, John Houck (1849-1920)	1883-1887
ILLINOIS	Babcock, Henry Homes (1832-1881)			Snow, Francis Huntington (1840-1908)	
	Bebb, Michael Shuck (1833-1895)	1861-1867	LOUISIANA	Spence, Eliza Jane (1862-1917)	1879
	Bigler, E.A.	1882		Bradbury, John (1768-1823)	1808-1813
	Bradbury, John (1768-1823)			Drummond, Thomas (1780-1835)	1831-1833
	Buckley, Samuel Botsford (1809-1884)			Langlois, Abbé Auguste Barthélemy (1832-1900)	1879-1891
	Campbell, E.	1883		Letterman, George Washington (1840-1913)	1883
	Canby, William Marriott (1831-1904)	1875		Thomas, Roy Dale (1936-)	1971-1982
	Garman, A.	1879-1884	MAINE	Bertram, Werner (1835-1899)	1884
	Glassman, S.F.	1960		Blake, Rev. Joseph (1814-1888)	1876-1885
	Hall, Elihu	1864-1867		Scribner, Frank Lamson (1851-1938)	1870
	Moffatt, William Sayer (1847-x)	1888-1892			
	Munroe, Henry F.	1881	MARYLAND	Blake, Rev. Joseph (1814-1888)	1862
	Patterson, Harry Norton (1853-1919)	1872-1877		Boott, Dr Francis (1792-1863)	
	Pepoon, Herman Silas (1860-1941)	1890-1891		Canby, William Marriott (1831-1904)	1877
	Pepoon, M.A.	1891		Cole, M.J.B.	
	Sandberg, John Herman (1848-1917)	1890		Meyer, Frederick Gustav (1917-)	1967
	Seymour, Arthur B.	1882		Sheldon, Charles Stiles (1854-x)	1881
	Sheldon, Charles Stiles (1854-x)	1884		Sonne, Charles Frederick (1845-1913)	1876
	Umbach, Levi Menger (1853-1918)	1898-1909		Young, Andrew Harvey (1852-1926)	1876-1877
	Underwood, Lucien Marcus (1853-1907)	1882	MASSACHUSETTS	Aiton, George Briggs (1856-?)	1890
	Vasey, George (1822-1893)			Blake, Rev. Joseph (1814-1888)	1863-1885

	Boott, Dr Francis (1792-1863)	1815		Riehl, Nicholas (1808-1852)	1846
	Edmondson, Thomas William (1869-1938)	1901		Sandberg, John Herman (1848-1917)	1891
	Hodge, Walter Henricks (1912-)	1933		Sheldon, Charles Stiles (1854-x)	1884-1887
	Nuttall, Thomas (1786-1859)			Tracy, Samuel Mills (1847-1920)	1886
	Pepoon, Herman Silas (1860-1941)	1897			
	Seymour, Arthur Bliss (1859-1933)	1907	MISSISSIPPI	Boott, Dr Francis (1792-1863)	1816
MICHIGAN	Babcock, Henry Homes (1832-1881)			Bradbury, John (1768-1823)	1808-1813
	Beardslee, Henry Curtis jnr. (1865-1948)	1890-1891		Buckley, Samuel Botsford (1809-1884)	
	Boyce, Thomas E.	1881		Langlois, Abbé Auguste Barthélemy (1832-1900)	1880-1883
	Canby, William Marriott (1831-1904)	1862		Nuttall, Thomas (1786-1859)	
	Fassett, Norman Carter (1900-1954)	1935	MONTANA	Anderson, Frederick William (1866-1891)	1885
	Fell, R.	1880		Kelsey, Francis Duncan (1849-1905)	1887-1891
	Garber, A.P.	1867		Sandberg, John Herman (1848-1917)	1892
	Garman, H.	1880		Summers, Rev. R.W.	
	Hicks, G.H.	1887-1888		Vasey, George (1822-1893)	v. 1857
	Holzinger, John Michael (1853-1929)	1887	NEBRASKA	Bradbury, John (1768-1823)	1808-1813
	Moyer, Isaac Shoemaker (1838-1898)	1867		Oyster, John Houck (1849-1920)	1885
	Pepoon, Herman Silas (1860-1941)	1880		Rydberg, Peter Axel (1860-1931)	1891
	Sandberg, John Herman (1848-1917)	1889-1890		Smith, Jared Gage (1866-1925)	1887-1892
	Spence, Eliza Jane (1862-1917)	1880		Smith, Jared Gage (1866-1925) & Pound, Roscoe (1870-1964)	1892
	Umbach, Levi Menger (1853-1918)	1904		Vasey, George Richard	
	Wheeler, Charles Fay (1842-1910)	1878-1890		Webber, Herbert John (1865-1946)	
	Young, Andrew Harvey (1852-1926)	1877			
MINNESOTA	Babcock, Henry Homes (1832-1881)		NEVADA	Davis, P.W.	
	Blake, J.	1878-1880		Sonne, Charles Frederick (1845-1913)	1887-1890
	Boyce, John Shaw (1889-x)	1881	NEW HAMPSHIRE	Blake, Rev. Joseph (1814-1888)	1865-1879
	Burglehaus, Frederick Hope (1869-1921)	1890-1891		Boott, Dr Francis (1792-1863)	1816-1817
	Holzinger, John Michael (1853-1929)	1886-1888		Chickering, J.W.	1875-1877
	Sandberg, John Herman (1848-1917)	1886-1891		Cole, M.J.B.	
	Sheldon, Charles Stiles (1854-x)	1891		Edmondson, T.W.	1908-1910
	Umbach, Levi Menger (1853-1918)			Harper, R.A.	1892
MISSOURI	Bradbury, John (1768-1823)	1808-1813	NEW JERSEY	Canby, William Marriott (1831-1904)	1866-1873
	Buckley, Samuel Botsford (1809-1884)			Fretz, C.D.	1881-1882
	Geyer, Charles Andreas (1809-1853)	1843-1844		Garber, A.P.	1867-1869
	Hasse, Hermann Edward (1836-1915)	1882-1887			
	Letterman, George Washington (1840-1913)	1880-1891			
	Pammel, Louis Hermann (1862-1931)	1888			

	Green, H.A.		NORTH DAKOTA	Brenckle, Jacob Frederick (1875-1958)	1910
	Gross, C.A.	1872			
	Nuttall, Thomas (1786-1859)		OHIO	Beardslee, Henry Curtis jnr. (1865-1948)	1889
	Parker, C.S.	1865-1877		James, Joseph Francis (1857-1897)	1878
	Watson, Gavin (1795-1858)	1841-1842		Lloyd, Curtis Gates (1859-1926)	1882-1884
NEW MEXICO	Fendler, A.	1847		Spence, Eliza Jane (1832-1917)	1877-1891
	Rusby, Henry Hurd (1855-1940)	1880-1883		Werner, William C. (1851-1935)	1884-1887
	Sylvester, C.H.	1885	OKLAHOMA	Sheldon, Charles Stiles (1854-x)	1891
	Vasey, George R. (1822-1893)	1881			
NEW YORK	Austin, Coe Finch (1831-1880)		OREGON	Bradbury, John (1768-1823)	
	Buckley, Samuel Botsford (1809-1884)			Cusick, William Conklin (1842-1922)	1886
	Canby, William Marriott (1831-1904)	1862		Howell, Thomas Jefferson (1842-1912)	1880-1885
	Cole, M.J.B.			Mason, G.	1961
	Edmondson, Thomas William (1869-1938)	1908		Oyster, John Houck (1849-1920)	1882
	Eggers, H.	1877		Summers, Rev. R.W.	1875-1885
	Haberer, J.V.	1877-1885	PENNSYLVANIA	Bassler, H. Russel	1879-1880
	Miller, Elihu Sanford (1848-1940)	1871-1872		Bischoff, D.	
	Murrill, W.A.	1899		Bright, John (1872-x)	1932
	Paine, John Alsop (1840-1912)	1864		Canby, William Marriott (1831-1904)	
	Sheldon, Charles Stiles (1854-x)	1880-1885		Diffenbaugh, Elias (-1870)	
	Underwood, Lucien Marcus (1853-1907)	1882-1883		Drummond, Thomas (1780-1835)	
	Vasey, George (1822-1893)			Fretz, Clayton Detweiler (1844-1926)	1881-1883
	Young, Andrew Harvey (1852-1926)	1875		Garber, A.P.	1867-1868
NORTH CAROLINA	Beardslee, Henry Curtis (1865-1948) & Kofoid, Charles Atwood (1865-1949)	1891		Heller, Amos Arthur (1867-1944) & Small, John Kunkel (1869-1938)	1891
	Buckley, Samuel Botsford (1809-1884)			Martindale, Isaac Comly (1842-1893)	1864-1865
	Canby, William Marriott (1831-1904)	1866-1884		Moyer, Isaac Shoemaker (1838-1898)	1866-1867
	Chickering, Arthur Merton (1887-x)	1880		Muhlenberg, Gotthilf Heinrich Ernst (1753-1815)	
	Curtiss, Allan Hiram (1845-1907)			Nuttall, Thomas (1786-1859)	
	Iltis, C.M. & Iltis, Hugh H.	1961		Oyster, John Houck (1849-1920)	
	Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841		Parker, Charles Sandbach (-1869)	1865
	Small, John Kunkel (1869-1938) & Heller, A.A.	1891		Pierron, P. Edwin	1876-1878
	Smith, John Donnell (1829-1928)			Porter, Thomas Conrad (1822-1901)	1841-1872
	Summers, Rev. R.W.	1882		Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841-1843
				Sheldon, Charles Stiles (1854-x)	1884
				Smith, Daniel B. (1792-1883)	

	Watson, Gavin (1795-1858)	1840-1842	Cullum, C.E.	1975-1976
	Watson, Gavin (1795-1858) & Kelvington, R.		Fletcher, D.D.	1976
	Young, M.	1967	Forbes, V.	1973
RHODE ISLAND	Olney, L.E.	1888	Galindo, C.L.	1975
	Wheeler, Charles Fay (1842-1910)		Garmon, W.	1975
SOUTH CAROLINA	Canby, William Marriott (1831-1904)	1878	George, R.D.	1975
	Iltis, Hugh Hellmut (1925-)	1961	Griffin, J.W.	1975
	Mellichamp, Joseph Hinson (1829-1903)	1885	Gully, R.	1975
	McCarthy, Michael Gerald (1858-1915)		Haug, J.C.	1973-1977
	Parker, Charles Sandbach (x-1869)	1827	Highbarger, P.	1975
	Rugel, Ferdinand Ignatius Xavier (1806-1878)	1841	Hollingsworth, T.	1975
SOUTH DAKOTA	Blake, Rev. Joseph (1814-1888)	1876	Johnson, J.R.	1975
	Bradbury, John (1768-1823)	1808-1813	Lehto, E.	1969
	Sheldon, Charles Stiles (1854-x)	1889	Letterman, George Washington (1840-1913)	1880-1882
	Thompson, M.	1887	Lindheimer, Ferdinand Jacob (1801-1879)	1843-1844
TENNESSEE	Canby, William Marriott (1831-1904)	1877	Matthews, S.	
	James, Joseph Francis (1857-1897)	1883	Nealley, Greenleaf Cilley (1846-1896)	1887
	Rugel, Ferdinand Ignatius Xavier (1806-1878)	1842-1844	Neill, L.	1975
	Sattinger, E.A.		Oyster, John Houck (1849-1920)	1883
	Short, Charles Wilkins (1794-1863)	1860	Papp, D.W.	1973
TEXAS	Adams, M.L.	1972-1976	Pennington, K.	1973
	Akers, S.J.	1975	Pool, A.	1975
	Allen, H.	1975	Rusby, Henry Hurd (1855-1940)	
	Arbogast, R.	1975	Schnoes, N.	1975
	Au Yeung Man Ting	1975	Sheldon, Charles Stiles (1854-x)	
	Baker, W.B.	1975	Snead, D.	1973
	Bartee, J.H.	1965	Spellings, L.	1975
	Beck, F.	1963	Spencer, M.	1975
	Benton, D.	1973	Stowers, J.	1973
	Blackerly, B.	1975	Tatum, M.J.	1975
	Boerger, M.	1975	Weston, C.	1975
	Breese, K.	1975	Whatley, D.	1975
	Burke, B.	1975	Wurbs, F.	1975
	Cook, P.	1975	VERMONT	
	Croft, Mary B.		Blake, J.T.D.	1861
			Blanchard, Ferdinand (1851-1892)	1881-1884
			Boyce, T.E.	1880
			Congdon, Joseph Whipple (1834-1910)	1875
			Edmondson, Thomas William (1869-1938)	1915
			Snow, Francis Huntington (1840-1908)	

VIRGINIA	Blake, Rev. Joseph (1814-1888)	1881
	Buckley, Samuel Botsford (1809-1884)	
	Canby, William Marriott (1831-1904)	1869-1884
	Chickering, J.W.	1879
	Curtiss, Allan Hiram (1845-1907)	1870-1876
	Nuttall, Thomas (1786-1859)	
	Sheldon, Charles Stiles (1854-x)	1881
	Shriver, Howard (1824-1901)	
	Small, John Kunkel (1869-1938) & Heller, Amos Arthur (1867-1944)	1891
	Howell, Thomas Jefferson (1842-1912)	1881-1882
WASHINGTON	Lehto, E.	1962
	Parker, A.	1889
	Piper, Charles Vancouver (1867-1926)	1889
	Sheldon, Charles Stiles (1854-x)	1889
	Suksdorf, Wilhelm Nikolaus (1850-1932)	1883-1884
	Summers, Rev. R.W.	1872
	Vasey, George (1822-1893)	1886
WISCONSIN	Barry, S.	1961
	Bennett, S.	1962
	Cheney, L.S.	1889
	Clawson, J.	1959
	Gilbert, P.	1962
	Grittinger, T.F.	1961
	Holzinger, John Michael (1853-1929)	1887
	Hunt, L.B.	1958
	Iltis, Hugh Hellmut (1925-) & co-collectors	1957-1962
	Jones, C.M.	1962
	Kellogg, T.S.	1888
	Kieckhefer, M.	1961
	Koeppen, Robert C.	1956-1957
	Noamesi, G.K.	1955
	Pachefsky, R.	1962
	Patman, J.	1959
	Pochmann, R.F.	
Reed, J.A.	1959-1960	
Sandberg, John Herman (1848-1917)	1890	
Schlising, R.A.	1960-1961	

WYOMING	Schuette, Joachim Heinrich (1821-1908)	1886
	Skroch, W.A.	1961
	Strandberg, J.O.	1961
	Sylvester, C.H.	1883-1889
	Ugent, Donald (1933-)	1961
	Wislinsky, B.	1959
WYOMING	Letterman, George Washington (1840-1913)	1884
	Sheldon, Charles Stiles (1854-x)	1884

**MEXICO**

Unlocalised	Summers, Rev. R.W.	1886
BAJA CALIFORNIA	Edmondson, John Richard (1948-)	1980
CHIAPAS	Deppe, Ferdinand (d. 1828)	1828
	Schiede, Christian Julius Wilhelm (1798-1836)	1825-1831
CHIHUAHUA	Oyster, John Houck (1849-1920)	1883
	Wilkinson, Edward (1846-1918)	1885
OAXACA (OAJACA)	Jürgensen, C.	1843

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