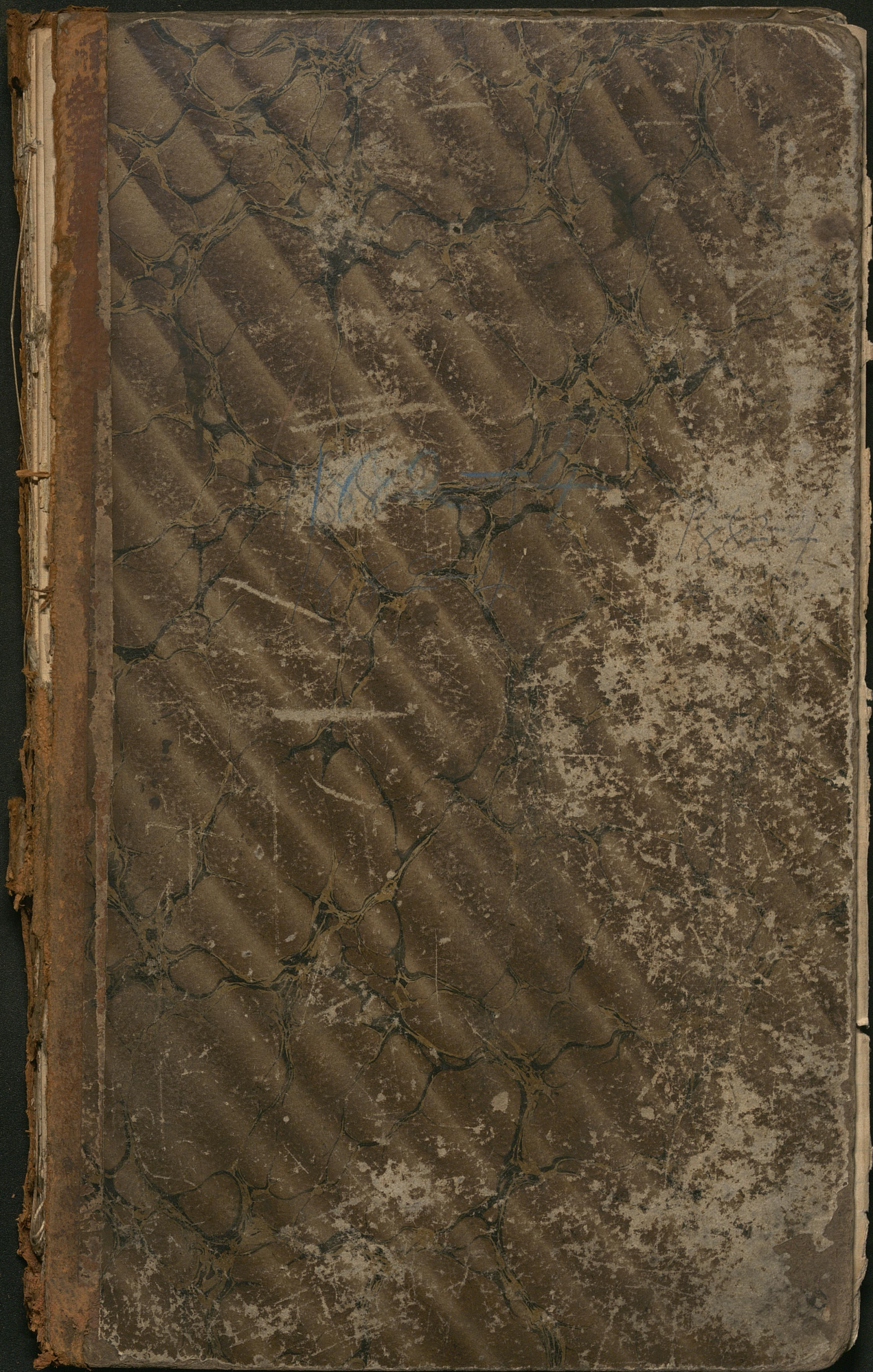




Sept. 1881 - May 1884

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Q. Fairhurst.

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Kentucky University - Zoology Class - Sept 1881

Kintore, Wm O.

Kirkland, John.

(3) Porter, Joseph W.

Tallott, Robert C.

Class in Physiology (Junior) 2 P.M.
3/11/82 7/11/82 11/11/82

Bryant, Joel B.

Cramer, John C.

Clay, Wm B. (Lg.)

Danderson, James J. (Lg.)

Dunlap, Ernest (Olmsted Key)

Elliott, Richard H. (Olmsted Key)

Freeman, Charles C.

Kiddette, Volney O. (Lg.)

Jones, Wm J.

Lockhart, Abner (Olmsted Key)

Shropshire, John C.

Ward, Charles H.

Zinnick, Bruce W. (Olmsted Key)

Webb, George C. (Olmsted)

Winn, John D.

Lambert, Geo. W.

Goff, J.

Farse, Milleg A. (S. C. Miller)

Hunt, Edward H. (Olmsted Key)

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Kentucky University, Natural Philosophy Sept. 1881 - (Sophomore)

	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Bell, W. H. C. (Hinton Ky.)	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059																																									

(A) Black, Jefferson D.
Clay, Wm R.
Looman, Charles C.

April 6

(A) Kildeth, Joseph S. (Loy) &

(a) Lantzda

Linnæa plant. (Linn.) May 4
 Linnæa plant. (Linn.)
 Jones, Wm J. (Plate City Mo.) (Gone home sick) ✕
 King, Wm, Grant L. (Nicholsville) May 4⁵ ✕ a. ✕✕
 La Rue, George W. (Mauwry Tex) sent
 - - - - -

McCarthy, James T.	Lip	4 ^b	x	a	x	x	a	x	a	^{ex} 2
McMichael, Robt. J.	Chester	4 ^W	+a				a			
Parker, Chas. W.	Rd.	4	x				x	x	x	
Brown, J. F.	(Lum)	1 st	x				a	x	a	

Pachystima, *Silene* S. + **aaa* (*Lycopodium*)
Ribes, *Saxifraga* *aa*, 4
Ribes, *Rub.* L. (*Rudbeckia*) *aa*, 3 × *a* *a* *aaa aa* *a* × *a* × *a*
Rocking *Chas.* R. (*Hieracium*) *aa*, 3 *a* *a* *a* *aa* *a* × *a* × *a*

Scott, James M. (Ky.) October 4
~~Scott, James M.~~
~~Scott, James M.~~
 Scanlon, Henry J., Conn. 8

Eswalt, Joseph	181- No. 4				
Wilson, Charles B. (Ls)	Don't				
Wilson	Wicks (Ls)				
Robertson	200 S. (P. 1st 1st 1st)	Oct. 18.			
Greenman	John H. (Ls)	Miss.			

[illegible]

Class in Geology (Senior) Kentucky University Jan 30 1882

Hirston, Wm. D.

~~Heintzeland, John~~
Porter, Joseph W.

Talbot, Robert C.

Davidson James P.

Scott James M.

~~Harris, John B~~ ^{Grice} ^{+ home} _{ad}

Clay, Wm R.

Bryant, Joel B.

Garrison Richard H.

2	92	97	96	95	97	96
0	98	98	98	98	98	98
15	94	92	90	92	90	91
3	96	94	90	93	90	92
7	77	80	75	78	85	86

[illegible]

Class in Botany (Garrison) Kentucky University - Jan. 30, 1882

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	148
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Bell	83	81	81	85	75	81	85	5	83
Bryce	70	82	70	72	75	74	82	17	77
Clark	92	87	78	100	90	87	89	6	89
Freeman	92	93	92	94	90	92	90	4	91
Hunt	45	47	50	40	60	50	60	0	55
McClavey	a	65	70	40	90	66	75	13	71
Myall	80	70	84	a	a	80		11	
Parker	75	85	80	90	100	86	84	1	85
Reines	Has	39	94	a	a	Home	80	10	
Rollins	70	80	79	80	75	77	80	8	79
Scott	94	92	92	95	100	95	90	5	92
Thompson	a	a	a	a	a	a	0	60	28
Wilson	a	a	a	a	a	a	0	70	22
Johns.	92	70	81	80	75	80	84	0	82
Perry	50	a	a	a	a	a	0	75	4
Garrison	a	a	a	a	a	a	0	88	9

(Em.) Zoology - Kentucky University - Sept-1882. (10066)
14 18 1920 Oct 18 1923 2729

~~Leof, Sanders B.~~

Davidson, James J

Freeman, Clarence C.

~~Furze, Village A~~

Reeves, Robt L.

~~Lins, John K (Cynthia)~~

Lowell, Geo. A

39

Ames
Exam

39
April

Physiology - Kentucky University - (2 1/2 - 3rd Oct.)
 Swamp - N. B. Germantown) entered Oct 7

1 19 Albert, Charles M.
 2 29 Ewalt, Joseph H.
 25 ~~Blay, Bishop~~ Barkley, Wm L.
 3 2 Bradley, Clarence Kayser
 4 23 ~~Cobb, William H.~~ Gainesville, Ga.)
 5 18 Bouley, Walter
 6 24 ~~Cobb, John~~ (Gainesville Ga)
 7 16 Finley, Charles H. (Modesto, Cal.)
 8 15 Forsett, Charles F. (Melbourne Australia)
 9 4 Graddy, Joseph Earl (Versailles)
 10 22 Harshbarger, Oliver L. (Stellayville Ky)
 11 Jones, Lucian G. (Bethania, Forsyth Co.)
 12 ~~Shabert, George~~ Wierman
 13 5 Lovell, George A. (Baldwin, Miss)
 7 ~~Leite, Francis~~ Winchester Ky)
 14 12 Loran, William Henry (Lebanon Ky)
 15 27 Knight Frank D. (Nicholasville)
 16 7 McKey, Haden M. (Madison Miss)
 17 14 Murphy, Edwin B. (Buckeye, Penna Co)
 18 25 Moore Arthur W. (Lex.)
 19 26 Newman, John L.
 20 29 ~~Knight, August L.~~ (Greeneburg Ind)
 21 21 ~~Cooks, Robert L.~~ (Paducah Ky)
 22 13 Rogers, Nathaniel P. (Versailles)
 23 6 Parker, Joel (Shawtownville Ky.)
 24 11 Smith Benjamin (Dabney Ky)
 8 Trimble, Daniel W. (Ind. Sterling)
 25 1 Scott, James Milton.
 2 8 Smith, T. B. (Smileytown Penna Co)
 26 9 Smith, Eugene A. (Lex.)
 27 10 Thompson Joseph F.
 20 Spurr, Charles W. (Hannibal Mo, Ark)
 8 Ford James (Bedford Ky.)
 28 27 Smith Roger B. (Mills Station, Ky)
 29 25 Wilson, Frank F.
 Thomas, Willie O. (Dallas, Texas)

[illegible]

Dec. 1882

Jan 18 3

Examination

Avery, or
Edwards

1898

George	
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Savage, H. B.
 + Alberti, Charles M.
 + Ewald, Jos. H.
 + Bushlet, Wm L
 + Bradley, Clarence H.
 + Conley, Walter.
 + Cobb, Jos.
 + Finley, Chas. H.
 + Forscott, Chas. L.
 + Graddy, Jos. C.
 + Jones, Benjamin L.
 + Kewellen, Geo. A.
 + Logan Wm H.
 + Knight, Frank D.
 + McKay
 + Moore,
 + Anwarum, Lemit
 + Reeves,
 + Rogers.
 + Robber,
 + Smith, Benj.
 + Scott,
 + Smith, Eugene
 + Thompson,
 + Smith, Rogers.
 + Wilson
 + Thomas.

+ Bush, John W. (Winchester Key) Jan 10, 1883.

a	82	87	75	70	75	78	80	79
a	a	a	a	a	a	a		
	85	91	91	87	83	87	90	89
a	98	93	95	98	98	96	97	97
a	70	76	60	65	63	67	80	75
	80	80	65	77	76	76	88	80
a	a	a	a	a	a	a		
	55	71	50	60	a	59	70	65
a	70		60	68	70	68	80	75
	98	73	97	98	98	97	97	97
	98	98	98	98	98	98	97	97
	85	72	73	a	a	96	a	80
	75	88	65	78	81	77	90	84
	65	73	60	75	75	70	84	77
	into business							
	86	93	75	a	a	85		90
a	a	a	a	a	a	a	-	-
	83	85	76	80	80	81	90	86
	94	95	93	85	95	92	95	94
	80	a	75	76	78	77	90	86
a	85	83	65	65	77	75	90	83
a	80	86	86	87	85	85	92	90
a	a	a	a	a	a	a	-	-
	73	82	80	85	80	82	88	85
a	80	75	60	83	80	80	-	80

Chemistry- 1882 (see p. 40)

	14	15	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
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Callaway																																						
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Evans																																						
Burkley																																						
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Parker,																																						
Rice																																						
Smith																																						
Trumble																																						
Withers																																						
Woodworth																																						

1st Day of Exam	2nd Day of Exam	3rd Day of Exam	4th Day of Exam	5th Day of Exam	Average on Exam	100 ss Standing	Average
22	23	24	25	26			
a	a	a	a	a	a	90	-
85	a	a	a	a	a	90	-
50	45	65	40	40	48	75	62
50	40	60	40	40	46	75	61
60	60	85	70	80	71	85	78
96	94	96	97	95	96	95	96
77	87	80	82	85	82	90	86
90	90	91	94	87	91	93	92
96	84	95	97	85	91	90	91
20	40	50	50	50	48	80	64
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65	60	75	70	73	69	80	75
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82	90	92	93	87	89	90	90
90	91	95	98	93	94	95	95
60	70	80	75	75	70	85	78

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13 Gunn, Sundach
1 Bush, Jno W.
4 Ay, Bishop
5 Leavden, Chas. C.
20 Luchford, J. (over)
12 Garrison, Henry
21 Lowell, Geo. H.
23 Myrick, Gustavus
24 Myrick, H. (over)
25 Myrick, H. (over)
26 McKay, Haden W.
22 Lyle
33 Smith, Ben. V.
34 Smith, Andrew
35 Lyle, Wm.
38 Grant, Geo. W.
39 Thompson, J. S.
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Feb

May

~~29~~ ~~Parrott, P. B. (Feb 20)~~

17 Hildner, V. O (Feb 19)

27 McMill, Chas.

19 Knight, Frank B.

3 Bradley, Clarence.

28 Moore, Arthur W.

44 Cobb, J. D.

45 Ewing, C. F.

Alberti, C.

See p. 54

Feb 19 20 21 22 23 24 25 26 27 28 29 30

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100	25	75	100	25	75
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Mineralogy
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280

See pp 64-5

Lophomere

Physiology

Sept 1883.

Date		Name	Age	Sex	Color	Height	Weight	Measurements
9-11-12	3	Bright, H. R.	10	M	B	5' 10"	150	10
9-11-12	10	Bright, Josephtha	10	F	B	5' 10"	150	10
9-10-12	12	Botman, Abr. S.	10	M	B	5' 10"	150	10
9-10-12	+	Brasley, Chas. W.	10	M	B	5' 10"	150	10
9-10-12	10	Clark, Bishop	10	M	B	5' 10"	150	10
9-10-12	10	Cortman, F. M.	10	M	B	5' 10"	150	10
9-11-12	3	Carriek, Robt. L.	10	M	B	5' 10"	150	10
9-11-12	3	Cole, E. A.	10	M	B	5' 10"	150	10
9-10-12	+	Casrell, Geo. B.	10	M	B	5' 10"	150	10
10 to 4	4	Edmonds, E. T.	10	M	B	5' 10"	150	10
9-10-12	+	Box, S. B.	10	M	B	5' 10"	150	10
9-10-12	+	Box, L. G.	10	M	B	5' 10"	150	10
9-10-12	+	Edmonson	10	M	B	5' 10"	150	10
9-10-12	12	Freeman, Geo. K.	10	M	B	5' 10"	150	10
9-12-2-3		Gano, M. D.	10	M	B	5' 10"	150	10
9-11-12-2		Gano, Robt. L.	10	M	B	5' 10"	150	10
9-11-12-2		Gano, G. F.	10	M	B	5' 10"	150	10
9-11-12-2	4	Gibson, Geo. B.	10	M	B	5' 10"	150	10
9-10-12	9	Grutcher, R. G.	10	M	B	5' 10"	150	10
9-10-11-12	12	Harris, Nathaniel	10	M	B	5' 10"	150	10
9-10-12	12	Holladay, Bry. L.	10	M	B	5' 10"	150	10
9-10-12	3	Harris, Claude F.	10	M	B	5' 10"	150	10
9-10-12	3	James, Robt. L.	10	M	B	5' 10"	150	10
9-10-12	12	Linsford, W. C.	10	M	B	5' 10"	150	10
9-12-2	9	Linsford, W. C.	10	M	B	5' 10"	150	10
9-10-11-12-2	12	McNair, W. H.	10	M	B	5' 10"	150	10
9-10-12	12	Lewis, Robt. L.	10	M	B	5' 10"	150	10
9-10-12	3	Lewis, Geo. F.	10	M	B	5' 10"	150	10
9-11-12	10	McLain, Sterling	10	M	B	5' 10"	150	10
9-12-2	10	Arnwood, F. B.	10	M	B	5' 10"	150	10
9-10-12	4	Arnwood, R. D.	10	M	B	5' 10"	150	10
10-11-12	3	Ragan, J. F.	10	M	B	5' 10"	150	10
9-11-12	10	Randolph, O. D.	10	M	B	5' 10"	150	10
9-12-2	3	Miller, B. K.	10	M	B	5' 10"	150	10

[illegible]

Est 24th

June Chemist

Sept. 1888.

\$2.	Ashtbrook, Thos. E.	70
\$2-	Bradley, M. Asencl.	70
\$2.	Carly, Jno. W.	70
\$2	Forscott, Chas. T.	65
\$2-	Grutler, Robt. L.	65
\$2	Gano, M. D.	65
\$2	Gano, R. L.	95
	Gano, S. J.	50
\$2.	Jeffers, W. S.	60
\$2-	King, M. A.	65
\$2-	Labell, S. A.	90
\$2	Norwood, F. R.	90
\$2-	Rogers, N. P.	90
\$2-	Rutter, B. K.	95
\$2	Sanborn, Jno. F.	95
\$2	Smith, E. C. A.	95
\$2	Tout, H. H.	95
\$2-	Wallace, Jno. S.	95
\$2	Wallace, Jno. B.	95
\$2-	Webb, S. C.	95
\$2-	Young, J. C.	95
\$2-	Reinolds, B. W.	95
\$2-	Costigan, F. M.	95
\$2-	Bush, J. W.	95

Loggins
Hazelrigg, A. H.
Scott, J. W.
Webb, S. C.
Wickers, W. T.

Oct	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jul	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jul	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jul	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jul	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Jul	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sep	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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Dec 1883		Jan 1884	
Physiology		3 4 7 8 9 10 11 14 15 16 17 18	
10-22. Bright H. R.			
9-21. Bright, Zephtha			
+ 11-22. Brownman, A. S.			
+ 11-22. Brasley, C. R.			
9-22. Bailey, C. B.	Entered Oct 17		
+ 3-25. Bowser, D. W.			
Stay, Frank			
9-23. Castan, J. M.			
+ 12-24. Carrick, R. L.			
9-25. Cassell, J. B.			
+ 10-24. Cox, L. G.			
3-23. Cautcher, R. L.	Entered Oct 24		
Callaway,			
+ 3-22. Carrick, J. B.			
11-24. Carr, J. B.			
9-25. Edmunds, E. L.			
9-23. Edmondson,			
+ 10-22. Freeman, J. K.			
10-24. Gano, W. D.			
10-24. Gano, R. L.			
9-22. Givens, Bower			
Gahagan, W. L. (Cox)			
Harris, N.			
+ 12-22. Holladay, B. L.			
+ 3-22. Harris, C. F.			
21. Holland, J. L.			
21. Henshaw, J. W.			
+ 3-22. Haley, W.			
+ 10-25. Knieper, W. H.			
3-25. Lonsford, W. L.			
4-24. Leakey, W. L.			
11-25. Lill, W.			

Sam	Sam	Sam	the	Dec		Scholar	Ext	Assoc	Un	At	Party
Oct 17	Nov	Nov	Nov	Nov	Nov	ship	ended	Assoc	Un	At	Party
Mod	For	For	For	For	For						
Mod	For	For	For	For	For						
100	92	92	95	93	92	95	3	0	0		
99	a	88	91	88	90	91	10	0	0		
90	89	80	85	75	80	83	3	0	0		
88	92	85	80	a	a		18	0	0		
a	83	67	70	65	75		3	0	0		
90	91	90	95	90	91	91	10	1	0		
90	90	80	85	80		85	6	5	0		
60	75	65	60	60	65	65	6	1	0		
75	80	60	75	70	70	75	3	0	0		
90	87	65	70	a	78	78	11	3	0		
	75	70	60	60	65	65	3	1	0		
85	80	77	83	a	a	a					
100	91	82	90	76	80	87	0	0	0		
95	92	82	80	85	85	87	3	0	0		
95	94	85	97	90	90	92	8	0	0		
70	70	60	65	a	70	70	10	5	0		
92	92	90	90	80	90	89	6	0	0		
100	97	90	92	a	88	93	6	0	0		
90	80	75	80	a	87	82	4	0	0		
92	88	80	80	a	80	84	13	0	0		
70	90	a	92	a	a	a					
95	80	75	78	80	a	a	7	0	0		
80	80	60	75	70	85	75	1	1	0		
93	82	73	80	76	77	80	4	0	0		
95	90	90	87	80	85	88	5	2	0		
95	90	70	90	70	75	81	3	1	0		
98	90	80	a	a	84	80	12	1	0		
85	80	70	85	77	80	80	2	1	0		
90	93	85	78	80	90	86	3	0	0		
80	80	50	50	60	70	65	8	9	0		
95	93	92	93	90	85	91	13	3	1		

Print-Dec 10th

98	85	75	88	75	80	83	3	1	0
85	a	a	78	65	70	—	19	0	0
100	91	88	a	70	77	84	5	4	0
90	91	80	80	80	85	84	0	0	0
90	80	70	70	65	78	75	9	2	0
93	95	82	92	88	83	89	2	0	0
88	90	70	85	77	80	82	1	0	0
100	88	68	85	a	a	a			
80	80	70	77	70	77	76	3	2	0
100	98	72	98	98	97	97	7	0	0
75	65	60	65	70	78	75	2	1	0
75	80	65	77	70	78	75	5	3	0
95	80	70	77	75	80	79	2	1	0
75	60	a	40	a	65	60	3	19	1
91	80	85	75	77	77	84	0	0	0
95	80	70	77	77	80	80	1	0	0
80	55	60	70	70	78	75	3	0	0
95	87	93	90	85	87	90	2	1	0
95	93	92	95	a	90	93	8	2	0
75	65	40	65	a	65	65	25	0	0
100	90	80	95	90	90	91	7	0	0

1884

Feb

Mch

Apr

May

June

July

Aug

Sept

Oct

Nov

Dec

Botany

+ Bowman
+ Bush 2 Nov 11
Ashbrook

Coleman
Costa
Smith, E. A.

+ Early
Forscott

+ Gano M. D.
Gano R. L. A.

+ Henshaw
Holaday

+ M. L. Lundy
Moore

+ Mosley

+ Parrish

+ Rogers, N.
Summers

+ Walton

+ Austin

+ Camch. 46.
Smith, J. D.

Mineralogy
Emmons

Alberti

Forscott

Rogers N.

Webb

Lisle, M. (F. 11)

Might, J.

Rogers, N.

Entered Mch. 10thFeb 28thMch 3rd

24 25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12

13 14 15 16 17 18 19 20 21 22 23 24

25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

88 83 6 0 8
80 80 12 0 9
95 93 21 0 5

95 95 7 0 8
80 82 15 2 4

77 76 7 3 4
80 82 3 0 5

85 82 15 0 18
80 86 13 0 13

80 80 3 0 0
80 80 16 4 16

80 95 20 0 1
85 90 2 0 5

95 95 3 0 3
90 95 5 0 0

78 82 5 0 0
77 85 3 0 1

GEOLOGY

Forscott

Rogers, N.

Webb

Lisle

Alberti

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80

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76 Apparatus to Chemistry Class 1883-Sept

	Test tubes Small	Test tubes Large	Beakers	Dishes Porcelain	Mortars & Pestles	Filtering Funnel	Wash Bottles	Funnel	Lamps	Stirring Rods
Dostagan	5	5	3	2	1	1	2	2	1	3
Adams & C.	5	5-2	3	2	1	1	2	2	1	3
Bradley C.	5	5	3	2	1	1	2	2	1	3
Nutter B.K.	5	5	3	2	1	1	2	2	1	3
Early Jno	5	5	3	2	1	1	2	2	1	3
Forscott, C.	5	5	3	2	1	1	2	2	1	3
Gano M.D.	5	5	3	2	1	1	2	2	1	3
Gano R.L.	5	5	3	2	1	1	2	2	1	3
Gano S.J.	5	5	3	2	1	1	2	2	1	3
Jeffers, W.S.	5	5	3	2	1	1	2	2	1	3
King, M.A.	5	5-4	3	2	1	1	2	2	1	3
Leaden, G.A.	5	5-5	3	2	1	1	2	2	1	3
Norwood F.R.	5	5	3	2	1	1	2	2	1	3
Rogers, N.P.	5	5	3	2	1	1	2	2	1	3
Sammons J.F.	5	5	3	2	1	1	2	2	1	3
Smith, E.A.	5	5	3	2	1	1	2	2	1	3
Trout C.H.	5	5-2	3	2	1	1	2	2	1	3
Wallace J.S.	5	5-4	3	2	1	1	2	2	1	3
Walton J.R.	5	5	3	2	1	1	2	2	1	3
Watt, J.B.	5	5	3	2	1	1	2	2	1	3
Young, J.C.	5	5-3	3	2	1	1	2	2	1	3
Zivens B.	5	5	3	2	1	1	2	2	1	3
Bush J.W.	5	5-3	3	2	1	1	2	2	1	3
Coutcher	5	5	3	2	1	1	2	2	1	3

Glass Lenses	Pt. Ware	Bottles	Probes	Leads	Blow Pipes	Forceps	Pre-heater	Lamp Stand	Test tube holder	Test tube brushes	Retort Glass	Wax Gauge	Funnel Holder	Methyl
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid .50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid .60
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.70
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid 75cts & 3
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$2
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.75
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid .60
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$2.00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$2.00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.25
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.25
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid .85
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.40
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.50
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid .75
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	Paid \$1.00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	28.35

- 7 Small hammers
 1 1/2 inch steel cutting punch
 1 steel mortar & pestle
 1 pair shears for cutting metal 1 ft long
 1 pair shears for cutting metal 3 ft "
 6 Files
 4 Lbs glass tubing
 12 Serrules 1/2 to 1 1/2 pts (in drawer)
 1/2 doz brass stop cocks & variety brass valves (Hamm)
 1 Like with SO₂ in it
 3 Small pipettes
 1 Chloroform tube
 1 Large multiplier
 1 Ivory wheel polariscope
 1 Wheatstone Photometer
 1 Hygrometer
 1 Glass artificial Eye
 1 Spirit level
 1 Colored glass convex mirror
 1 Box of 15 Spirit beads
 2 Large polished crystals of Iceland Spar
 1 Camera Lucida
 1 lb Silver reflect
 1 1/2 lb Silver evaporating dish
 4 Thermometers
 1 Barometer
 2 Marcell's Globes
 3 Bell Glasses, with lutes of hf. to show pres of air
 1 Differential Thermometer
 2 Pulse Glasses
 1 Apparatus to show that H₂O stands at same height in vessels of diff. form
 1 Cubical vessel to show radiation of heat
 1 Hygrometer
 1 Condenser for liquids 2 1/2 ft long
 1 3 in tube on foot with brass heads

- 2 Ruhmkorff coils
 2 Solenoids - 1 suspended on Amperes Stand
 3 Magneto Electrical Machines
 1 Sole metallic wound with insulated wire
 3 Coils of insulated sheet copper 10 in in diam
 2 Coils insul. copper wire 8 in in diam
 1 Appn. for decomposing water
 1 Galvanometer
 1 Case of Marmer's Instruments
 1 Straight helix with movable bar
 1 Large magnetic needle
 1 Electric Apparatus (perpetual motion)
 1 Static needle suspended from brass supports
 3 Electro magnetic Engines
 1 Revolving Electro Mag. Bar
 2 Upright revol. bars to show Electro Mag. rotation
 1 Telegraph Receiver
 2 To (Marcell's copyright) to Electro Mag. rotation with revolving wires
 1 Electro revolving disc
 1 Upright U. Magnet with small lamp attached
 1 Large small suspended Electro Magnets with ins. wire
 1 4 inch U. magnet
 2 Magnetic Bars each 15 in long
 2 Semicircular soft Iron bars wound with insul. wire
 1 Small helix to be used with above bars
 1 Box of steel carding teeth
 2 Brass discs 1 with ring & other on flat (5 in diam)
 4 " with knobs for lifting (2 to 3 in diam)
 3 App. needles to show effect of current of elec
 1 Small appn. for decomposing water
 1 Steam Engine & Boiler
 1 Vice
 1 Mathews & Nills Chem. Balance (12 in beam)
 1 Large Balance & Weights
 2 Double Cyl. air Pumps with Cyl. 4 by 10 in
 1 Large air P. (2 Cyl.) on back of room

- 1 Small 2 Cyl. Air P. (Cyl 2 by 10 in.)
 2 Small Bellows
 1 Hydrostatic Bellows.
 1 Upper & Lower Condensing Apparatus.
 10 Topographical Maps.
 2 Large Painted Portraits.
 1 Chem. Chart, (Medical)
 41 2 ft by 3 ft Colored drawings of Botanical Spec.
 9 2 ft by 3 ft Physiological Charts.
 1 Case of 30 Minerals
 1 Case containing 2 drawers of 40 bottles of medicines
 1 Force Pump with Brass Receiver 8 by 15 in.
 1 Large N. Magnet with Bucket suspended.
 2 Large wooden wheels
 1 Apparatus to Exhibit Centrif. Motion.
 1 Apperoids Machine + attachments
 1 Telescope 3 ft long when closed.
 1 Metal Vase to show veloc. of falling water
 2 Water pumps of brass & wood
 1 Appar. showing different kinds of pulleys
 1 Tube 7 ft. long to show veloc. of falling bodies
 1 " 5 " " " " "
 1 " 4 " " " " "
 1 Cryophorus
 1 Concave mirror 12 in diam
 1 Appar. to show princ. of Steam Engine
 3 Magdeburg Hemispheres
 2 Appar. beam with 1 small & 1 large globe to show buoyancy of air.
 1 Brass Artificial Eye
 1 Hydrometer
 1 Brass forcing Syringe
 2 Balls + rings to show expansion
 3 Gyroscopes.
 1 Fine Syringe.

- 2 Pyrometers with single Iron Bars
 1 Pyrometer with 6 bars & horizontal face
 1 Magdeburg Pyrometer
 1 Vessel to show rates of conduction of heat by different metals
 1 Globe on wheels to show reaction of steam
 1 Endless screw & cog wheel.
 1 Apper. Lavers & Pulleys.
 1 Force Pump with Glass receiver
 1 Cyl. of Brass 1 1/2 in by 12 in.
 1 Large Force Pump - Cyl 8 by 10 in & 2 Gal Rec.
 1 Piston worked by lever.
 1 Archimedes screw mounted (2 ft long)
 2 Solid Glass Prisms (mounted)
 1 Hollow Glass Prism
 1 Rotating wheel - to show blending of colors.
 1 Doz. rot. card discs -
 1 Colendoscope 8 in long.
 1 Safety lamp.
 1 Field Glass mounted (20 in long when closed)
 1 Camera lucida
 1 Camera Obscura for drawing
 1 Prism mounted on Tripod
 1 Camera Obscura with mirror & lens.
 1 Section Cutter for microscope (W. H. Jones Co.)
 1 Plate Electrical Machine - Colored Plate 3 ft diam.
 1 " " " Transparent Plate 3 ft diam.
 1 " " " Plate 2 ft diam.
 2 Concave mirrors - brass 2 ft diam. 20 in diam.
 2 " " " 20 in diam.
 1 Battery of 9 Leyden jars each 1 ft by 7 in
 1 " " " " 1 ft by 6 in
 1 " " " " 10 in by 5 in
 2 " " " " 10 by 4 in
 1 Leyden jar 1 ft by 6 in
 1 " " 2 ft by 10 in at base & 6 in at top.

- 30 # - Preparations of Slides for O. Hyd. Microsc.
- 12 # - Polished Glass
- 126 Slides with animal + veget. spec. for O. Hyd. Microsc.
- 12 Slides with conical calomettes.
- 2 Reflecting Analyzers for the 2 O. Hyd. Microsc.
- 2 Plate Calomettes Polarizers
- 1 Zeiss and Spar + 1 Tourmaline Analyzer " " "
- 8 Crystals of Min. Prep. for use with Pol. " " "
- 12 # ^{Sealed} Glass Cylinders for liquids
- 12 Polarizing Plates 6 by 8 in
- 76 Slime Plates 6 X 6 in to be used with plates
- 300 Glass boxes 2 in diam for mounting specimens
- 25 Glass plates 3 X 6 in
- 6 Polishing Colored Slides for O. Hyd. Microscope
- 1 Brass Oxy-Hyd. jet - by E. M. Clarke
- 15 Mercurial Cut Glass Syring to be used with Polarizing Plates.
- Apparatus for turning the Calommet in the O. Hyd. Microscope - in case
- 1 2nd Flask (permanent Vacuum + brass head for disch. Elec. through. in case with stand
- 1 Metallic Syring with bone attachments in case.
- 1 Case of Clark Apparatus - Reclams - Brass Sp. Lamp
- Gold lined wrap dish - Pt. Label - Pt. Temp. - Pt. Spoon with cover.
- 6 Ornamental Tail Figures on Glass Plates 1 ft by 8 in. - to be used with electric, Photographers Camera.
- 1 Box of 12 Slides for micros. with four perforated slips of tin foil in each slide.
- 3 Oxy-Hydrogen Blow Pipe jets - 1 for each of 2 O. Hyd. Micros.
- 1 Plane Mirror in case made by Mr. S. Jones London
- 12 Large Geographical Maps.

- 1 Saw (carpenters) 1 Shears for cutting Lead
- 1 Plane 1 Awl
- 1 Drawer Knife
- 1 Oil Stone
- 1 Whet-Stone
- 1 Chisel
- 1 Broad Awl
- 1 Screw Driver
- 3 Linoleum

List of Objects in Kentucky University

- 143 Birds from Australia unmounted - in case in S. W. corner of museum.
- 273 Mounted Birds from Mexico, Central and South America. (Ten of the number not mounted) in case in S. W. corner of South room of museum. ranging from humming bird to Snowblackbird & 12 Larks.
- 112 Birds from U.S. & Canada - ranging in size from Indigo Bird to ^{largest} Black Bird. (Mounted)
- 32 Mounted Waders ranging in size from Green Heron to Sand Hill Crane.
- 25 Waders - mostly Snipes of different kinds. Mounted. 1 Swan - 2 Great Northern Divers - 1 Wild Goose. 1 Snow Goose - 1 Plover - 3 Domestic fowls - 1 Turkey. 2 Hawks - 7 fishes stuffed.
- 30 Mounted birds of Duck Family.
- 5 Very Young Ducks mounted.
- 3 Gulls - 7 Geese - 1 Skimmer - 4 Puffins - 8 Arks & Grebes -
- Mounted
- 1 Snowy Owl - 5 Great Horned Owls - 1 American Eagle - 1 Barn Owl - 3 1 Barred Owl - 2 Owls smaller than Barred Owl. 8 Screech Owls - 3 Washington Eagles. 18 Large Birds of prey - mostly Hawks. 8 Small Birds of prey - Sparrow Hawks etc.
- 230 Mounted Birds - a few pigeons but mostly the smaller birds of U.S. & the Larks.

Seven Boxes each 3 1/2 ft long by 1 1/2 ft high 1 ft wide in Laboratory full of Bird Skins unmounted. Mostly large birds of prey - Many of them S. American birds. - in same boxes are a few skins of mammals unmounted - 1 Panther skin, 1 Young Kangaroo skin etc.

Museum July 1883

- In case in North room of museum are the following mounted skins - 1 Canada Lynx - 1 Beaver - 2 Raccoons - 2 Red foxes - 3 opossums - 1 Badger. 1 White rabbit - 1 Jack rabbit - 1 California rabbit. 4 common rabbits - 2 Large brown minks. 2 musk rats - 5 Ornithorhynchus - 2 Echidna - 12 Squirrels - 2 Pups - 1 Groundhog - 1 Prairie dog - 1 Wild cat - 1 California skunk - 3 Ground Squirrels - 2 Weasels - 1 Young skunk - 4 rats - 5 moles - 2 roof rats - 1 Gopher. 1 Flying squirrel. 1 white rat - 4 other small mounted mammals & 4 not mounted. 1/2 of 1/2 mounted mammals & 4 not mounted. 1 sword of swordfish. 1 Elks skull with antlers attached 1 deer skull & antlers. 2 deer heads with skin stuffed & artificial eyes. 1 deer antlers - 1 Raccoon skeleton mounted. 1 Cow skeleton mounted. 4 large plaster busts of men - 8 Plastic casts of men's heads - 4) 2 Gal. glass jars with glass stoppers containing alcohol with snakes & other specimens. 14, 1 Gal glass jars contents as last. 14 1/2 Gal glass jars " " 88 2 to 802 wide mouth bottles containing & about 60 small vials containing in alcohol. Set 6 of Marine Invertebrates received from the Smithsonian Institution Washington D.C. 30 Bottles ranging from 402 to 1 pint containing alcohol & small animals. 15 Drawers 27 in by 18 in full of fossils & minerals. A supply of artificial birds eyes worth \$5 -

- 37 Colored drawings of plants each 2 ft by 3 ft on wall of m.
- 9 Small human skeletons ranging from 4 inches to 18 inches high each under glass covering.
- 1 Prepared spec. of bones of one side of face showing the blood vessels under glass globe
- 1 Same as above showing veins under glass
- 2 prep. spec. of bones showing bones, blood vessels & nerves of ear
- 1 Large artificial ear - External ear 10 in long
- 1 Artif. spec. showing inter. & sup. Spinal Column with bloodvessels, nerves, & lymphatics attached.
- 1 Bones of head with external plate of skull removed & with glass covering.
- 1 Large mounted human skeleton.
- 1 Manahon of
- 1 Bones of head (skull & face) detached & mounted - under glass
- 1 Bones of head & face with artificial eyes, nerves & blood vessels under glass
- 1 Small human skeleton, bones detached and arrayed on board under glass.
- 1 Artificial arm, neck & hand showing muscles, nerves & bloodvessels, under glass box.
- 1 Artif. spec. of intestines, with blood ves. & lactents (vessels)
- 1 Artif. spec. on board of stomach & intestines (plastic)
- 1 Artif. spec. esophagus, sp. cord & nerves.
- 20 Human skulls in case by north door of Museum
- 17 Skulls of Lower animals, from squirrel to dog in size
- 1 Headless human skeleton - about 4 1/2 ft high
- 10 Human Skeleton with muscles attached, showing many of blood vessels, muscles detached from skeleton
- 35 Skeleton of hand & arm with muscles attached
- 15 Spec. of legs & feet of same deer as last.
- 4 Piluses - bones not separated
- 1 Bones of Spinal Col. clean & detached.

- 1 Elephants tusk - 3 ft long.
- 5 Lintles - dry.
- 1 1/2 gal. ancient earthenware pot.
- 5 Pieces native cloth from Fiji Islands
- 1 Wickered column of snake on wire.
- 4 Chinese boots each 8 by 12 in. & 1 in thick
- 2 Chinese Umbrellas
- 24 Chinese birds of b. & painted.
- 3 Pairs of Chinese & other curious slippers.
- 1 Pair wooden sandals
- 2 Ornamental metal pitchers 10 in high
- 2 Metal vases 8 in high
- 1 Large metal pipe - 2 Tomahawks.
- 5 ~~4~~ War clubs - 1 Boomerang - 3 Swords.
- 2 Ancient Tomahawks, 2 Bows, - 18 arrows.
- 1 Large stirrup - 2 Old pairs of curious & paper make
- 1 Cannon 3 1/2 ft long - brass - from Korea.
- 1 Helmet, 1 flag, 1 musket (gun), 1 gauge hat from Korea.
- 3 Hats of savages.
- 1 Complete robe of woman of bark.
- 1 Hat 3 ft in diameter, nipa
- 1 Tandle cincture from Fiji Islands.
- 2 Baskets from Fiji Islands " " "
- 12 Boxes each 6 by 4 in bottoms covered with small gastropod shells from Australia
- 2 Boxes 6 by 4 in with large gastropod shells
- 11 Ear shells varying in size from Aust.
- 2 Boxes 6 by 4 in Larnell branch shells from Austr.
- 6 Boxes 6 by 4 in sea weeds. 1 Emen egg.
- 24 Boxes with 24 species of U.S. snails - 85 shells.
- 6 Small specimens of Austr. coral.
- 24 Australian Sea Monkeys. 1 Sea horse
- 120 Australian minerals incl. 12 fossils & rocks
- 11 Spec. Austr. wood, 4 Boxes, 6 x 4 in nuts & dy.
- 10 Spec. polished wood from Hawaii Island

A.

Asbestos
Asphaltum
Asafetida
Alum.

Sp. Antimony, Tartrate Sp & Ke.
" " Metallic
Sulphide

As. Arsenic, Metallic
As₂O₃
As₂O₅
Realgar
Orpiment.
Sulphide.

Ammonia, Oxalate
Carbonate
Chloride
Iodide
Sulpho Cyanide
Sulphate
Nitrate, Am.
Triple Salt.

Acids

Acetic
Boric
Benzoic
Citric

Chromic
Carbolic
Gallic
HF.

HCl.

H₂SO₄

HNO₃

Oxalic.

Phosphoric.

Pyrophosphoric.

Pyroligneous.

Silicic

Tannic

Tartaric

- 170 Boxes 3 by 4 in of Silurian fossils in case
 45 Boxes 4 by 6 in " " "
 24 Boxes 6 by 8 in " " "
 125 Boxes 3 by 4 in Devonian Fossils in case
 31 Boxes 4 by 6 in " " "
 5 Boxes 6 by 8 in Sub " " "
 35 Boxes 2 by 4 in Carboniferous fossils
 7 " 4 by 6 " " "
 32 " 2 x 3 Cretaceous & other Mesozoic Foss.
 14 " 3 by 4 " " "
 4 " 4 x 6 " " "
 2 Elephants Teeth fossil
 2 Mastodons Teeth fossil
 13 Large Specimens of recent corals
 8 Spec. red coral recent
 14 Small Spec. coral recent
 145 Spec. Iron Ore in N. case of S. room.
 1 Fossil Ammonite 2 1/2 ft diam. cut in two & polished.
 1 Cup shaped Sponge 15 in long.
 1 Small Steam boat - model.
 2 Soapstone Pagodas 1 x 2 ft high
 196 Boxes cont 196 species small gastropods, marine,
 comprising 490 individual shells.
 57 Small vials with 57 spec. gastropod shells, very small
 40 Large Marine Gastropods from 2 to 12 in long.
 6 Boxes 4 x 6 in about 250 small gastropod shells,
 about 100 marine & about 100 snail shells.
 40. Boxes with 40 species small Lamellibranchs, containing
 about 100 complete shells - i.e. 200 single valves.
 50 Large marine bivalves from 2 to 15 in long,
 50 single valves.
 About 100 fresh water bivalves - large
 257 Small specimens labeled minerals formerly
 arranged in drawers in a box case
 30 to 40 Spec. calcite - crystal of several forms.
 About 40 Spec. native copper, ore.

About 60 Spec. of Gold & Silver ores from the West
 About 160 Specimens of Ligneous, metamorphic
 & other rocks, & minerals. (mostly rocks.)

- 2 Drawers each 2 ft x 2 ft x 1 ft full of human bones
 1 Box 3 ft x 2 ft x 1 ft full of human bones.
 14 Artificial wounds showing different stages of healing
 1 Artificial woman in large case.
 24 plaster casts of different parts of human
 body, colored & framed

B

Br.	Bromine.	2 02
	K ₂ Br.	2 02
Bi	Bismuth, Metallic	1/2 lb
	Sub Chloride	2 02
	Bi ₂ O ₃	1/2 lb
Ba	Barium, Carbonate	8 02
	Chloride	4 02
	Hydrate	2 12
	Borax.	8 02
C	Carbon, Animal. - Black lead.	4 02
	Lampblack. - C S ₂ .	4 02
Ca.	Calcium, Caustic	2 lb
	Chloride	1 lb
	Carbonate	1 "
	Caustic Ca & Na.	1 lb
	Hydrated	1 lb
	Fluoride	1 lb
	Prepared Chalk.	1/2 lb
	Chrome Alum.	1 02
Cu.	Cochineal	
	Copper - Acetate	
	Carbonate	
	Sulphate	
	Sub Acetate	
	Nitrate	
	Per Chloride	
	Brass.	

Co.	Cobalt, Oxide	
	Hydrochlorate	
	Nitrate.	
	Camphor	
	Cassia.	
	Crocus	
	Catechu	
	Cinchona Bark.	
	Deftonic	
F.	H F. - Sea F.	
G. (Au)	Gold - Au O ₃ .	
	Gum Powder	
I.	Iodine - Iod.	
	Sulphide of Sulphur.	
	NH ₄ I.	
K.	Kenao	
L.	Lignum	
M.	Mercury, Metallic (50 lbs. ?)	
	Calomel	
	Corrosive Sublimite	
	Black Oxide	
	Red Oxide	
	Proto Nitrate	
	Per Nitrate	
	Per Sulfide	
	Sulphate	
	Terminated	

Mg Magnesia, Calced. 0.09
Carbonate
Sulphate

Mn Manganese, Mn O₂
Permanganate.

Ni Nickel metallic
Nitrate
Sulphate

K Potassium metallic
K Potassium metallic
Bisulphate
Acetate
Bicarbonate
Bichromate
Bisulphate.
Chromate
Caustic
Carbonate. (Pearl Ash)
Cyanide
Chlorate.
Cyanide, Hydrate, of K.
Ferrocyanide.
Iodide
Nitrate
Permanganate.
Silicate
Sulphate
Sulpho Cyanide
Tartrate.
Tartrate K. + Na
Tartrate K. + Li.

Pb Lead - Pb O.
Acetate.
Carbonate
Iodide
Yellow Oxide + Red Oxide
Phosphate
Sulphide.

Fe. Red Oxide.
Iron Carbonate
Bisulphide
Iodide
Iron reduced by H.
Steel filings
Hydrated Sesqui Oxide
Sesquioxide
Prussian Blue
Sulphate
Sulphate of Fe + NH₄
Sulphide.

P. Fulvum
Sugar - Grape, Milk - Case

S Sulphur

Ag. Silver, Nitrate

Se. Selenium

Sr Strontium

Starch

Phosphorus.

Sodium - Metallic
 Selenate
 Arsenite
 Bitartrate
 Biborate
 Bicarbonate
 Cyanide
 Carbonate
 Caustic
 Caustic Soda
 Eucalyptus Sulfate
 Chloride
 Hyposulphite
 Nitro Prussid
 Soda Ash
 Sulphate
 Sulphite
 Silicate
 Phosphate
 Sesqui carbonate
 Tartrate
 Tartrate Sup. K.
 Vanilla (carb. base)

Zinc - Powdered,
 Bichloride
 Bisulphide
 Alloy of Zn & As.
 Peroxide

Tartar (crude)

Znifer

Zinc - Metallic
 Selenate
 Carbonate
 Oxide
 Sulphate
 Sulphide

Alcohol
 Ether.
 Bees Wax (white & yellow)
 Fish Glue
 Glue.
 Gum Arabic
 Kerins
 Nut Galls.
 Gamboge
 Myrtle Wax
 Shellac
 Tropicanth. Gum
 Rosin
 Turpentine
 Oil Anise
 Oil Cinnamon
 Gum Euph.
 Oleum Lili
 Oleum of Castor Oil.
 Kerosene
 Oil (Machine)
 Turmeric
 Saffron.
 Betanin
 Indigo

For Term ending Jan 1883

Talbott, Robt. C.

Buckley, Wm L.

+ Alberti, Charles.

+ Burton Frank

+ Callaway, Wm

Costigan, Frank.

+ Carr, Edgar A.

+ Davidson, Louis R.

+ Hazdrigg, Albert, A.

+ Hinton Wm D.

+ Hill, Melvin.

+ Leyle, Marcus.

+ Lockhart, Clinton.

Parker, Joel.

+ Rice, Wm

+ Savage, H. B.

+ Smith, Roger S.

Snider, T. B.

+ Trumble, Bruce.

+ Waters, Wm J.

+ Woodworth Frank W.

Test Tubes

large small

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3-4-1-1-1-1-2

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Class in Mineralogy Feb 1883

	noted	Post Lites	at Vines	Jones	Dish	center	at
Freeman	1	1	5	2-1	1	1	1
Logan	1	1	4	2-1	1	1	1
Woodworth	1	1	5	2-1	1	1	1

Missing Page(s)

T. Tubes Mortar
Small

Mineralogy 1884 - Feb

pt. Wale

Ways

Peckers

Diabes

Lumps

Alco
hol.

wash.
Bot.

III

Lisle

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32

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1

Webb

5

1

1
32

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Forscott

5

1

32

///

17

Alberti

5

1

3

///

Rogers. N

5

1

32

///

Rogers, J.W.

5

2 1

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1

Bright J

5

2 1

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#

W^o W^o Webb

Cr

Jan 11	1868	By Cash	\$ 10 00
25		"	10 00
Feb 1			2 00
14		Cash	5 00
"		wood per Goffitt	5 00
22		Cash	5 00
29		"	5 00
		Drep Pattern	2 00
		Butter	1 00
March 5		Cash	1 00
13		"	10 00
"		Corn	3 55
28		Cash	7 00
31		Cash	" 25
April 16		one Bushel corn	80
17		1 Flour	5 04
22		Cash	10 00
May 2		Cash	10 00
		check on Bank	33 90
8		Cash	15 00
June 12		Cash	50 00
20		"	" 50
28		Cash	40 00
July 25		Bread & crackers	1 20
Aug 5		Cash	50 00
25		7 Bushels corn	5 60
28		Cash	50 00
Sept 4		"	" 50
25		tomatoes	" 50
"		Cash	5 00
"		Sweet Potatoes	1 00
Oct 3		Cash	20 00
10		Cash	50
"		Cash	4 00
"		Cash	2 00
			<u>372 34</u>

W^o W^o Webb

Cr

Nov 14		By Cash	50 00
"		one Bushel corn	55
21		Potatoes & turnips per McIntee	5 00
29		Walter Bill Boots & shoes	12 75
Jan 7	1869	Cash	10 00
"		"	" 70
"		to Hay & oats	4 60
25		Cash	5 00
Feb 12		Cash	50
20		Cash	10 00
24		one Barrel of flour & Johnson	9 00
March 13		Cash	25 00
24		Corn per Porter 20 Bush	12 00
		load wood per Hart	3 50
April 6		Cash	15 00
			<u>163 60</u>
			<u>372 34</u>
			<u>535 94</u>

779 94
 535 94
244 00

1 Large
2 Medium
3 Small

2 pore dish
6 Blow pipe

{Broken
Pr. Massie
L = Lamp

	Test tubes	Beakers	Water	Top	J. Rack	Stand	Funnel	Wash Bottle	Bottles	Long tube	Gl. Tubes	Boiled Glass	Mo. Th. P	
Bell {Bell & clay}	12 3/4 broken	2 1/2 L	2	+	+	+	+	+	+	+	+	+	+	\$ 50 cts 65 cts
Ballou	6 Returned	Apparatus	Mod 22/82	1 one	broken	and	grid	class	+ 62 refunded					
Brook	6	2 1/2 L	2	App. 12	2nd class	+ paid	15 cts	for broken	tubes \$1.95 repaid					
Byg-	6-1 4 broken	2 1/2 L	2-1 broken	+	+	+	+	+	+	+	+	+	+	\$1 paid
Clay	6	2 1/2 L	1 returned	Rollins	X	X	X	X	Returned + paid \$1 for broken apparatus					
Clark	6-1 (4 broken)	2 1/2 L	2 (1 broken)	+	+	+	+	+	(75 cts)					
Freeman, Geo.	6 (2 broken)	2 1/2 L	2	+	+	+	+	+	20 cts					
Freeman, Geo.	6 (2 broken)	2 1/2 L	2	Left Apr. 10	+ paid	10 cts	for broken test	tubes \$1.90 refunded						
Gunnison, Rich	6-1 2	2 1/2 L	2	+	+	+	+	+	25 cts for broken tubes					
Goff	6-2	2 1/2 L	2	+	+	+	+	+	15 cts for broken tubes					
Hunt	6-1 1/2 3/4	2 1/2 L	2-1	X	+	+	+	+	\$1.00. No deposit with me)					
Knight	6-1 broken	2 1/2 L	2	X	X	X	X	X	paid 10 cts for tubes					
McKaney	6-1 1/2 (broken)	2 1/2 L	2 (1 broken)	+	+	+	+	+	.50 cts					
Myall	6-1	2 1/2 L	2	+	X	X	X	X	20 cts for broken tubes					
Parker	6-1 2 1/4 1/2	2 1/2 L	2	+	+	+	+	+	15 cts for 3 tubes					
Reese	6-1 1/4 broken	2 1/2 L	2 (1 broken)	+	+	+	+	+	65 cts } 95 cts					
Rollins	6 (4 broken)	2 1/2 L	2	+	+	+	+	+	30 cts					
Scott	6-1 (broken)	2 1/2 L	2 (1 broken)	+	+	+	+	+	60 cts					
Thompson	6-1 2 1/2	2 1/2 L	2	+	+	+	+	+						
Wilson	6-1 broken	2 1/2 L	2	+	+	+	+	+	50 cts for beaker, dish & tubes					
Johns	6-1 1/2 (broken)	2 1/2 L	2	+	+	+	+	+	25 cts					
Perry	6-1 2 1/2	2 1/2 L	2	+	+	+	+	+	75 cts for broken tubes & lamp					
Lawson	6-1	2 1/2 L	2	+	+	+	+	+	25 cts for broken tubes & beaker					

Acct. of Chemical Apparatus 115
used by Class during Spring 1882.

Order of Recitations 1882 - Key, V6.

	Greek	Mathematics	Latin	Nat. Science	Modern Langs.	Preparatory	English	Ment Phil.	Sacred Hist.	Sacred Lit.
9	Senior	Fresh	jun			Auth. Alp	Sen. Fresh.		Sen.	
10	jun.	Senior	Soph	(Sen.)	Food	Comp Grammar	Senior	Soph.	jun.	
11	Soph.	Soph.	Fresh	Sen.		Auth. Alp	Freshman	Sen	Soph.	
12	Fresh.	(Sen)	(Senior)	jun	(When)	Lat Grammar			Fresh.	
1		jun.					jun.			
2				Soph	Phys Phil.	Greek Grammar	Fresh. Lat			
3				{ Senior originally }		Phys Geog.		jun.		
4			Sen.							

15 jun. jun. jun. jun.

11 jun. jun. jun. jun.

10 jun. jun. jun. jun.

8 jun. jun. jun. jun.

15 jun. jun. jun. jun.

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8 jun. jun. jun. jun.

15 jun. jun. jun. jun.

11 jun. jun. jun. jun.

10 jun. jun. jun. jun.

8 jun. jun. jun. jun.

1882

W. C. S. \$2.30

W. P. S. 10

Salt 10

Ch. Coal 10

Ice 5

Copper wire 23

Copper sheet 23

Line 10

3.45

Sept. 1883

Expressage on Box from N.Y. (Probschek) 2.90

26th Jan & Ben wire & nails .35

Dec 1883 Box for deer .25

Box for stuffing .10

Deer skin from J. S. David 4.00

Feb 7 '84 Char coal .10

Feb 19 Salt .10

Feb 20 Ice .05

May 12 Expressage on fossils to Richmond, Ind. 30

8.20

28.50
8.20

mm

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