





Accession Catalogue.

Beetles bearing the label "Coll. of J. C. Thompson" were obtained by exchange from J. C. Thompson, Rosebank, P. O. L. I., N. Y.

Beetles bearing the label "Coll. of H. Meeske" were obtained by exchange from H. Meeske, 315 Wyckoff Ave., Brooklyn, N. Y.

Beetles bearing the label "Coll. of L. B. Walton", were obtained by exchange from Lee B. Walton, Bear Lake, Penn.

Beetles bearing the label "Coll of C. L. Hall" were obtained by exchange from Ch. L. Hall, Carpenteria, Cal.

Beetles bearing the label "Coll. of A. H. Kilman" were obtained by exchange from Alva H. Kilman, Ridgeway, Ontario, Canada.

Numbers 1 to 35 inclusive were obtained from specimens preserved in alcohol in the Ag. Coll. Collections - through the permission of Prof. A. J. Cook.

The galls - that flies and parasites were reared from during the spring of 1890, were gathered during Jan, 1890, by C. F. Baker.

All insects on pins bearing the label "S. D.", or "Minn", were collected by J. A. Aldrich at, or near, Brookings, S. D. and near St. Paul, Minn., during 1889. Obtained by exchange.

Insects with locality label "M. A. C." and dated "10-12-89", and "12-12-89", or within a few days of these dates, were found in decaying vegetable matter, around the bases of trees in low places; by C. F. Baker.

Insects on pins with locality label "Ma A. C." or "Ag. Coll. Mich." and which have no dates, were collected by C. F. Baker during the summer seasons of '87-'88-'89.

Beetles on pins bearing the label "Austin Coll." were obtained from the original Austin Collection, through Prof. A. J. Cooke and by exchange.

Beetles on pins bearing the label "Hodge Coll." or a round white label " " or round green, blue, yellow, etc. labels " " were obtained Dec, 1890 by purchase - from Dr. F. Hodge, Hudson, Ohio.



No.	How obtained.	Locality.	Collector.
1496		Fort Collins. Colo.	C. F. B.
1497		"	"
1498		"	"
1499		"	"
1500		"	"
1501		"	"
1502		"	"
1503		"	"
1504		"	"
1505		Beaver Creek W. Colo.	"
1506		Fort Collins. Colo.	"
1507		"	"
1508		Horseshoe Gulch. W. near	"
1509		Fort Collins. Colo.	"
1510		"	"
1511	Cree.	Fr. Collins. Colo.	C. F. & U. E. B.
1512	"	"	C. F. B.
1513	"	Spring Canon. Colo.	"
1514	"	Dixon's Canon. Lar. Co. "	"
1515	"	Fr. Collins. Colo.	"
1516	"	"	"
1517	"	"	"
1518	"	"	"
1519	"	Rist Canon. Lar. Co. Colo.	"
1520	"	Fr. Collins. Colo.	"
1521	"	"	"
1522	"	"	C. F. & U. E. B.



3

nest 10

Date	Remarks.
7-24-	
6-24-	
May '92	
3-9	
4-10	
10-6	
5-17	
8-8	
4-30	Under board.
8-1	
5-9	
6-29-	Reared from larva <i>Apanteles</i>
5-21	
4-23	
6-25	
4-25-95	Around plum & currant blossoms.
"	Under board.
"	Misc. sweeping.
4-7-94	From an ant hill - <i>Fumica obscuripes</i> .
4-20-95	General coll.
5-1-95	Sweeping alfalfa.
"	Reared from galls on <i>Lygodesmia juncea</i> .
"	" " " " willow.
5-6-95	Misc. sweeping
5-10-95	At light.
"	Sweeping alfalfa.
"	Misc. coll.



1523	Coll.	Fort Collins. Colo.	C. F. B.
1524	"	"	"
1525	"	"	"
1526	"	"	"
1527	"	"	"
1528	"	"	"
1529	"	Rust Cañon, N. Colo.	"
1530	"	Spring Cañon, N. Colo.	"
1531	"	Fort Collins. Colo.	"
1532	"	Chicago. Ill.	through "
1533	"	Louclant Colo.	"
1534	"	Newport N.Y.	D. B. Young
1535	"		
1536	"	Fort Collins. Colo.	C. F. B.
1537	"	"	"
1538	"	"	"
1539	"	"	"
1540	"	"	"
1541	"	"	"
1542	"	"	"
1543	"	"	"
1544	"	"	"
1545	Plants	Fort Collins. Colo.	C. F. B.
1546	Coll.	"	"
1547	"	"	"
1548	"	"	"
1549	"	"	"
1550	"	"	"



- 5-15-95 Sweeping alfalfa.
- 5-16-95 " *Asymbrium* and *Capsella*.
- 4-20-95 Misc. coll.
- 5-20-95 " " "
- 5-26-95 Sweeping alfalfa.
- 9-26- On box elder. "
- 4-22. On willow bloom.
- 7-24 On *Arctostaphylos*.
- 9-4 On Va. Creeper.
- 96 Parasitic on oak leaf miner.
- 11-22
- Sept.
- July From *Pieris rapae*.
- " From *Hyperichia* sp.
- " From *Vanessa milberti*
- May From cocoons found in grass
- August. From *Vanessa antiopa*
- " " "
- May On alfalfa.
- June From *Cacacia argyropila*.
- July From *Pieris protodice*.
- May - 95 Reared from a half rotten cottonwood stump.
- 8-26-94 On blossoms of golden rod.
- 6-7-95 Miscellaneous sweeping, alfalfa, solidago etc. etc.
- Sept. On *Champerops*
- " On *Dicno elastica*
- April.



1551	Coll.	Fr. Collins. Colo.	C. F. B.
1552	"	"	"
1553	"	"	"
1554	"	"	"
1555	"	"	"
1556	"	"	"
1557	"	"	"
1558	"	"	"
1559	"	"	"
1560	"	"	"
1561	"	"	"
1562	Exchange	Mountain Colo.	C. F. B.
1563	Coll.	Fr. Collins. Colo.	C. F. B.
1564	"	<del>Fr. Collins. Colo.</del> Rust Canon. Colo.	"
1565	"	Fr. Collins. Colo.	"
1566	"	"	"
1567	"	"	"
1568	"	"	"
1569	"	" Foudre Canon.	"
1570	"	Fr. Collins. Colo.	"
1571	"	"	"
1572	Ex.	Jannette, Pa.	Henry G. Klages.
1573	"	"	"
1574	Coll.	Fr. Collins. Colo.	C. F. B.
1575	Punch.	Brownville Tex.	F. B. Armstrong.
1576	"	"	"
1577	Ex.	New Bedford. Mass.	G. de N. Hough.



- May.
- Aug. On plum.
- Sept. On Japan Quince
- " On Dracaena
- " Lemons & oranges in market.
- " " " "
- June On cottonwood
- Sept. Solanum jasminoides - cult.
- " On Neprolepis cult.
- " On Aralia cult. "
- " On Veronica cult. "
- Kermes on oak.
- 6-13-95 Misc. sweeping.
- 6-18-95 " " "
- 6-20-95 Sweeping Carex etc.
- 6-28-95 Misc. sweeping
- " On Lab. windows.
- " In ant hills - *Formica neoclara*
- 6-30-95 Misc. sweeping.
- 7-3-95 " " mostly grass & Carex.
- 7-6-95 Misc. coll.
- 1894 " "
- 6-95 " "
- 7-28-95 " "
- 6-16-95 " "
- 7-20-95 " "
- 7-23 to 7-11-95 " "



1578	Ex.	Elkhart. Ind.	R. J. Weich.
1579	"	Hazellton Perm.	Wm G. Dietz.
1580	Coll.	Camptons - Larimer Co. Colo.	C. F. B. (N.E.B.)
1581	"	Forrester's - " "	" "
1582	"	Chamberis Lake. " "	" "
1583	"	Rustic " "	" "
1584	"	Ft Collins. Colo.	"
1585	"	" "	"
1586	"	" "	"
1587	"	" "	"
1588	"	" "	"
1589	"	" "	"
1590	"	" "	"
1591	"	" "	"
1592	"	" "	"
1593	"	Foot hills 5 mi. W. " "	"
1594	"	Ft. Collins. Colo.	C. F. G.
1595	"	"	C. F. B.
1596	"	"	"
1597	"	"	"
1598	"	"	"
1599	"	"	"
1600	"	"	"
1601	"	"	"
1602	"	"	"
1603	Ex	New Bedford, Mass.	Dr. G. D. H. Hough
1604	Coll.	Ft Collins, Colo.	C. F. B.
1605	"	"	"



- Summer, 1895
- Misc. Coll.
- " " "
- 7-21-95 " sweeping. Alt. 7000 ft.
- 7-19-95 " " Alt. 8500 ft.
- 7-18-95 " " Alt. 9500 ft.
- 7-11-95 " " Alt. 7500 ft.
- 8-1-95 " " - mostly grass & Carex.
- 8-2-95 *Bombus* & nest - nest among roots of grass along ditch.
- 8-3-95 *Melissodes* & *Epeolus* about nests holes in hard road.
- August.
- 8-4-95 Misc. sweeping.
- 8-6-95 " "
- 7-15-95 *Prist. grossulariae* reared from gooseberry.
- 8-8-95 On blossoms of golden rod.
- " " " Cleome.
- 8-4-95 Misc. Coll.
- 8-8-95 Wasps from a single paper nest beneath porch.
- " On blossoms of Goldenrod - Cleome & *Thelesperma*.
- 8-12-95 " " " " - *Eriogonum* " "
- 8-15-95 " sticky flower buds of *Helianthus petiolaris*.
- " " surface of irrigating ditch.
- " " blossoms of *Solidago* & *Thelesperma*.
- 8-18-95 Misc. Coll.
- 8-20-95 On blossoms of *Solidago* etc.
- 8-20-95 " sticky flower buds of *Helianthus*,
- 7-15 to 7-27-95 Misc. Coll.
- 8-20-95 On blossoms of *Eriogonum* etc.
- " On Foxglove foliage. - trees infested with lice & psyllids.



1606	Coll.	Fr. Collins. Colo.	C. F. B.
1607	"	"	"
1608	"	"	"
1609	"	"	"
1610	"	"	"
1611	Coll.	Fr. Collins. Colo.	C. F. B.
1612	"	"	"
1613	"	"	"
1614	Ex.	Hazleton, Pa.	Dr. Wm G. Dietz
1615	"	Coufild, Vancouver Id. B.C.	Clermont Livingston.
1616	"	" "	"
1617	"	" "	"
1618	"	" "	"
1619	"	" "	"
1620	"	" "	"
1621	"	" "	"
1622	"	" "	"
1623	"	" "	"
1624	"	" "	"
1625	"	" "	"
1626	"	" "	"
1627	"	" "	"
1628	"	" "	"
1629	"	" "	"
1630	Coll.	Fort Collins Colo. (C.S.)	C. F. B.
1631	"	"	"
1632	"	"	"
1633	Ex.	New Bedford. Mass.	Dr. G. de N. Hough.



- 8-20-95 On alfalfa.  
 Aug. " "  
 " On Hack walnut trees.  
 " Cult. beet blossoms  
 May On alfalfa  
 8-25-95 Sweeping house & psyllis infested boxelder.  
 " On window  
 " On sticky flower buds of Helianthus.  
 Summer, '95 Misc. coll.  
 6-3-95 Misc. sweeping of grass, clover, weeds etc. on dyke.  
 6-24-95 " " "  
 6-16-95 " along Koksilah Road.  
 6-5-95 Sweeping grass.  
 6-4-95 " 'rye grass.'  
 6-<sup>{23}</sup>/<sub>{27}</sub>-95 " nettles  
 5-18-95 " " Cowichan Bay.  
 6-11-95 " Tracken under alder.  
 Summer 95 Misc. coll.  
 22nd to end of May 1895 " "  
 6-8-95 " " C.B.  
 7-3-95 " " C. Dyke.  
 5-19-95 Sweeping flowers.  
 6-<sup>{23}</sup>/<sub>{30}</sub>-95 Misc. coll. C.B.  
 7-<sup>{7}</sup>/<sub>{12}</sub>-95 " " E.D.M.  
 8-30-95 Misc. sweeping.  
 9-4-95 On sticky flower buds of Helianthus annuus.  
 9-7-95 Misc. sweeping Carex, Plums, willow, weeds etc etc.  
 Aug. 95 Misc. coll.



1634	Coll.	Ft. Collins, Colo.	C. F. B.
1635	"	"	"
1636	= 1635	"	"
1637	Coll.	"	"
1638	"	"	"
1639	= 1638	"	"
1640	Coll.	Footh. n. of Ft. Collins. Colo.	"
1641	= 1637	"	"
1642	Coll.	Footh. n. of Ft. Collins. Colo.	"
1643	For det.	Pullman Wash.	Piper.
1644	Coll.	Ft. Collins, Colo.	C. F. B.
1645	Ex.	Environ. de Paris - France	Dr. Bontarel.
1646	"	N.W. France.	"
1647	Coll.	Ft. Collins. Colo.	C. F. B.
1648	Ex.	S. Florida near Kissimmee.	Chas Palm.
1649	"	Southern Arizona.	"
1650	"	Southwestern Utah.	"
1651	"	Southwestern Arkansas	"
1652	"	W. Tenn. near Memphis.	"
1653	"	New Jersey.	"
1654	"	Lawrence Mass.	G. B. Knip
1655	Coll.	Ft. Collins Colo.	C. F. B.
1656	"	"	"
1657	"	Footh. near Ft. Collins Colo.	"
1658	"	"	"
1659	"	Ft Collins Colo.	"
1660	"	"	"
1661	Rare	"	"



9-17-95 Misc. coll.

July.

Aug.

June

April.

July.

"

Aug.

Summer 95

On Va. Creeper.

Misc. coll.

"

" sweeping. (Environ de Paris et de la Normandie)

9-18-95

From puparia of either *Helicobia helios* - *Sarcophaga cimbicis* or *Cyrtoneura stabulans*, reared from dead grasshoppers.

1895

June.

Misc. ants from nests. - named.  
On Hack walnut.

"

April.

June

Sept.

July

Dec.

On Hop.

Misc. in seed pods *Physalis*



1662	Fort Collins, Colo.	C. F. B.
1663	"	"
1664	"	"
1665	Fort Collins, Colo.	C. F. B.
1666	Denver, Colo.	R. C. Stephenson.
1667	Elkhart Ind.	R. J. Weich.
1668	Jeanette Pa.	A. G. Klages
1669	Fort Collins, Colo.	C. F. B.
1670	Lakeland, Md.	J. C. Pratt.
1671	New Bedford, Mass.	Dr. J. den. Hough.
1672	" "	"
1673	" "	"
1674	" "	"
1675	" "	"
1676	" "	"
1677	" "	"
1678	" "	"
1679	" "	"
1680	" "	"
1681	" "	"
1682	" "	"
1683	" "	"
1684	" "	"
1685	" "	"
1686	" "	"
1687	" "	"
1688	" "	"
1689	" "	"



Aug.

"

July  
Summer 95

Parasitic in *Cacaecia agyropsila*.  
Reared from *Platynota flavedana*.

Summer.  
95

Misc. coll.

"

" "

"

" "

"

" sweeping. Through Dr. Aguillett.

7-1-95

" "

7-2-95

" "

7-6-95

" "

7-8-95

" "

7-29-95

" "

7-30-95

" "

7-31-95

" "

8-9-95

" "

8-11-95

" "

8-14-95

" "

8-17-95

" "

8-19-95

" "

8-20-95

" "

8-23-95

" "

8-26-95 Sweeping beech & grass.

8-26-95 " tany

8-26-95 Misc. sweeping.

8-27-95

" "

8-30-95

" "



1690		New Bedford, Mass.	Dr. G. de N. Hough
1691		"	"
1692		"	"
1693		"	"
1694		"	"
1695		"	"
1696		"	"
1697		"	"
1698		"	"
1699		"	"
1700		"	"
1701		Fort. n. Fort Collins Colo.	C. F. B.
1702	= 1701		"
1703		Fort Collins Colo.	"
1704		"	"
1705		"	"
1706		"	"
1707		Las Cruces N. M.	J. D. A. Cockerell. <sup>(1904)</sup>
1708	Exch.	Manitou Colo.	C. F. B.
1709		Fort. n. Ft. Collins Colo.	C. F. B.
1710		Newport. N. H.	F. B. Young
1711	Exch.	Council Bluffs, Ia	
1712	"	" " Ia	
1713	"	Manitou Colo	C. F. B.
1714	"	Champaign Ill.	
1715			
1716		Fort Collins Colo.	C. F. B.
1717		"	"



8-31-95 Misc. sweeping.

9-1-95 " "

9-3-95 " "

9-5-95 " "

9-7-95 " "

9-9-95 " "

9-12-95 " "

9-13-95 " "

9-14-95 " "

9-15-95 " "

10-6-95 " "

Aug.

July.

"

On boxelder.

June

On cottonwood

"

On cult. radishes.

April.

Gall of *And. frequens*.

Aug.

May.

Gall of *B. gottschalki*

May.

June

On *Chrysothamnus*.



1718		Fr. Collins, Colo.	C. FB.
1719	Exch.	Manitou Colo.	C. FG.
1720	"	Del.	Jones
1721	"	Manitou Colo.	C. P. E.
1722	"	"	"
1723	"	"	"
1724			
1725	"	"	"
1726			
1727		Fr. Collins. Colo.	C. FB.
1728	= 1727		
1729	Exch.	Manitou Colo.	C. FG.
1730		Fr. Collins, Colo.	C. FB.
1731	= 1730		
1732	= 1730		
1733	= 1730		
1734	Exch.	Manitou Colo.	C. FG.
1735	= 1734		
1736	= 1734		
1737		Coffield, Vancouver Isl.	Clermont Livingstone
1738		" "	"
1739		" "	"
1740		" "	"
1741		" "	"
1742		" "	"
1743		" "	"
1744		" "	"
1745		Footham Fort Collins Colo.	C. FB.



May. *Cecidomyia willow* galls.  
Sept. oak galls.

Oak. galls.

"

Gall *Hala. Neufemata*

Gall. *ans. frequens.*

From *Picea rapae.*

Gall *acrop. undulata*

Gall *Phas. Tuberculata*

May Gall. *Dryoph. glabra*

- 9-24-95 From alder - along Koksilah Road.  
10-15-95 Railway bank near Koksilah Sta. On weeds etc.  
9-29-95 Sweeping old clover. - Cleveland.  
" " grass under avenue at Pimbury's.  
9-21-95 Gen. sweeping in orchard - plum, rasp berry.  
9-23-95 From dwarf willow, maple etc. railroad bank near Koksilah.  
9-95 " rose.  
9-10-95 Misc. coll.

June:



1746	Fort. n. Ft. Collins Colo.	C. F. B.
1747	Ft. Collins Colo.	"
1748	"	"
1749	"	"
1750	"	"
1751	"	"
1752	"	"
1753	"	"
1754	M. Richtaplan N. Colo.	"
1755	Ft. Collins Colo.	"
1756	"	"
1757	"	"
1758	"	"
1759	"	"
1760	"	"
1761	"	"
1762	New Bedford, Mass.	Dr. G. de N. Hough.
1763	Pittsburg Pa.	G. A. Ehrman.
1764	Coufies, Vancouver Isl.	Clermont Livingston
1765	"	"
1766	"	"
1767	"	"
1768	"	"
1769	Jeannette Pa.	Henry G. Klages.
1770	Coufies, Vancouver Isl.	Clermont Livingston.
1771	"	"
1772	"	"
1773	Olympia Wash.	Jervis Amcaid



July.

Sept.

"

Aug.

"

Febr.

July.

June

On alfalfa

July.

May.

On alfalfa

"

On alfalfa

"

"

Under boards.

Sept.

May

On alfalfa.

8-23-95

Nests reared from galls of *Dryobhanta papula*.  
Through Klages.

East. Aug. <sup>25th</sup>

Sweeping willow on banks of Conrighan River.

10-20-95

On windows of house

8-25-95

Very common running & flying over stones in bed of Conrighan River.

8-20-95

On marsh grass.

9-16-95

On railway bank at Koksilah.

Summer '95

Mud. coll.

8-95

" "

8-19-95

Sweeping weeds - R.R. bank near Koksilah.

8-6 to 11-95

" willows.

Oak galls.



1774	Olympia Wash	Trevor Knicaid
1775	Ft Collins Colo.	C. F. B.
1776	"	"
1777 = 1776		
1778	Fort. n. Ft. Collins Colo.	C. F. B.
1779	Ft. Collins Colo.	"
1780	"	"
1781	Olympia Wash.	Trevor Knicaid.
1782	Newport-Kerkimer Co. N. Y.	D. B. Young.
1783	Guatemala Cent. Amer.	H. Th. Heyde.
1784	Is. of Taboga Bay of Panama. " "	"
1785	Medellin State of Vera Cruz. Mex.	"
1786	Southern N. J.	Charles Liebeck.
1787	Las Cruces N. M.	Clarence Rhodes
1788	Corfield. Vanc. N. B. C.	Clermont Livingston.
1789	"	"
1790	"	"
1791. v	Fort. n. Ft. Collins Colo.	C. F. B.
1792. v	"	"
1793	Ft. Collins. Colo.	C. F. Baker.
1794	Paris France	Dr Bontarel.
1795. v	Ft. Collins. Colo.	C. F. B.
1796 = 1795		
1797	On Elk River, N. Colo.	"
1798	Ft. Collins Colo.	"
1799	Queblo Colo.	John Lansing.
1800	Norfolk Eng.	J. Edwards
1801	Ft. Collins. Colo.	C. F. B.



March. Oak galls.  
 May. Larvae in stems *Oenothera*  
 Aug. Ann *Pronuba* in *Yucca*.  
 April. Gall *Thos. utahensis*  
 June. *Sphinx larva* on grape.  
 Aug.  
 Summer 95. March. sweeping.  
 1894 " coll.  
 1894 " "  
 Fall, 1895 " sweeping etc.  
 1895 " coll.  
 " " "  
 9-15 to 19-95 " " at Cleveland.  
 Eur. Aug. 95 On golden rod - Banks of Cowichan Bay.  
 3-10-95 On Fern - Road to R. Bazetts.  
 May. Fls. plum & willow.  
 April Fls. *Anemone patens*  
 1-28-96 Sifting debris around bases of trees along river.  
 1895 Misc. coll. in vicinity of Paris.  
 Aug.  
 July.  
 March In greenhouse  
 Hemip. taken in gen. coll.  
 Hemip. etc. hibernating under stones in springy place.



1802	F. Collins. Colo.	C. F. Baker
1803	Boulder Canon. Colo.	"
1804	F. Collins. Colo.	"
1805	"	"
1806	Jeannette Pa.	Henry G. Klages
1807	Phila. Pa.	Dr. Henry Skinner
1808	F. Collins. Colo.	C. F. B.
1809	"	"
1810	"	"
1811	"	"
1812	Coffield. Vancouver Isl.	Clement Livingston
1813	"	"
1814	"	"
1815	Pist Canon. Colo.	C. F. B.
1816	"	"
1817	"	"
1818	Horseshoe Gulch. <sup>San Jo.</sup> Colo.	"
1819	"	"
1820	"	"
1821	Pist Canon. <sup>San Jo.</sup> Colo.	"
1822	F. Collins. Colo.	"
1823	"	"
1824	"	"
1825	"	"
1826	"	"
1827 = 1826	"	"
1828	"	"
1829	Footh. m. F. Collins Colo.	"



- Spring. 96 Flies & parasites from gall of *Aulax*(?) on *Bidens*(?).
- Fall. 92 Misc. sweeping
- 11-8-94 Under foas.
- 2-5-96 Lifting material about bases of trees.
- 1895 Misc. coll.
- " " " within 15 mi. of Phila. - some in N. J.
- 3-16<sup>to 21</sup>-96 From rose galls of *R. arefacta*.
- "<sup>to 21</sup>" " " " *R. bicolor*.
- "<sup>to 21</sup>" " " " " *R. utahensis*.
- 3-21-96 Under stones.
- " " *Fornica gagates*.
- 5-12-95 *Camponotus herculeanus*.
- 5-30-95 " *vicinus*
- 3-30-96 In flowers of *Anemone patens* var *Huttaliana*
- " On wing
- " Under stone.
- 4-5-96 On willow bloom & twigs
- " " wing & gen. coll.
- " In flowers of *Anemone*
- 4-25-95 Bees from stems of *Stipa viridula*.
- 3-28-95 Flies & parasites from galls of *R. utahensis*
- 4-6-96 *Ichneumonid* on window.
- 3-28-96 Flies & parasites from galls of *R. arefacta*
- " " " " " *Cura s-nodus*.
- June
- July
- " On fls. *Symphoricarpos*.



1830	Fr. Collins Colo.	C. F.B.
1831	Steamboat Springs Colo	"
1832		
1833	Fort Collins Colo.	C. F.B.
1834	"	"
1835	"	"
1836	"	"
1837	"	"
1838	"	"
1839	"	"
1840	"	"
1841	"	"
1842	South. Fr. Collins Colo.	" -
1843	Fr. Collins. Colo.	"
1844	"	"
1845	"	"
1846	"	"
1847	"	"
1848	"	"
1849	"	"
1850	"	"
1851	"	"
1852	Fr. Collins. Colo.	C. F.B.
1853	Vicinity of Paris, France	Dr. Bontarel
1854	Fr. Collins. Colo.	C. F.B.
1855	"	"
1856	Trucson Ariz.	Dr. R. E. Kunze.
1857	Fr. Collins. Colo.	C. F.B.



May.	
July.	
May.	
Apr.	Galls on willow
"	On grass & alfalfa
May.	
"	
June	From stems dead weed.
Aug.	
"	
July	From Hyphom. textor
"	
May.	Mace Call.
Aug.	"
June	"
"	"
"	"
"	"
July.	"
June	"
April.	"
4-11-96.	Sweeping grass & alfalfa in boxelder grove.
1895	Mixed Call.
4-14-96.	Sweeping alfalfa and Ribes aureum.
4-27-96.	" " and grass.
4 { <sup>11</sup> / <sub>16</sub> } 96.	" " " " & weeds.
4-73-96.	" alfalfa, grass, Ribes - lymphocarpus etc ect.



1858	—	Foothills 6 mi. W. F.C. Colo.	C. F. B.
1859		Elkhart Ind.	R. J. Weith.
1860		"	"
1861		Toronto Canada.	D. G. Cox
1862		"	"
1863		Fr Collins. Colo.	C. F. B.
1864		"	"
1865		" Foothills - 6 mi west	"
1866		Fr. Collins. Colo.	"
1867		"	Mrs C. F. B.
1868		Newport. Herk. Co. N. Y.	D. F. Young.
1869		Madetjard. N. H.	W. F. Fiske.
1870		"	"
1871		Fr. Collins. Colo.	Mrs. C. F. B.
1872		Toronto Canada.	D. G. Cox.
1873		Tucson Arizona	Ar. R. E. Kunge
1874		Elkhart. Ind.	R. J. Weith.
1875		"	"
1876.		"	"
1877		"	"
1878		"	"
1879		Madetjard N. H.	W. F. Fiske.
1880		"	"
1881		"	"
1882		Fr. Collins. Colo.	C. F. B.
1883		"	"
1884		"	"
1885		"	"



- 4-25926-96 Swept from *Symphoricarpos* - *Ribes* (in bloom) & willow bloom - most of bees from latter.
- 4-1718-96 Around electric light.
- 4-17-96 On willow bloom.
- 4-20-96 From galls of *Rhodites* galls gathered 4-3-96 -  
on *Rosa blanda*.
- 4-22-96 " " " " on roots " "   
galls gathered 4-3-96
- 4-16 to 20-96 " " " " *neglecta* ? on rose.
- " " " " *arefacta* "
- 4-21-96 " " *Diaetrophus* on *Potentilla*
- 4-23-96 Chalcids reared from pupae of some *Meteorus*.
- 4-26-96. About plum bloom.
- 4-25-96. On willow bloom.
- 4-16-96 " " "
- "  At sap.
- 5-2-96. This, bees & wasps at plum bloom - others on currant foliage.
- 4-24-96. About willow bloom.
- 4-24-96. Misc. sweeping - sedge - grass, weeds, etc.
- 4-2829-96 " " of various flowers
- 4-29-30-96. On willow bloom.
- 4-27-96 Misc. Coll.
- " On blossoms of peach, cherry & apple.
- 4-26-27-96 " " " Currants & "
- 4-26-96 Misc. coll.
- 4-27-96 Bred from unknown larvae.
- " Surface of water - common.
- Fall of 95 Parasites from cocoons of *Proctiphora grossulariae*
- 4-20-96 From galls of *Rhodites arefacta*.
- " " " *tricolor*.
- " " rose gall ♂ - see gall.



1886.	Toronto Canada	D. G. Cox
1887	"	"
1888	"	"
1889	"	"
1890	"	"
1891	W. F. Frohe	Wastford. N. H.
1892	West Phila. Pa	Chas. Liebeck.
1893.	F. Collins. Colo.	C. F. B.
1894	"	"
1895	Phila. Pa.	Chas. Liebeck.
1896	"	"
1897	Georgia Fla	"
1898	Phila. Pa.	"
1899	F. Collins. Colo.	Mrs. C. F. B.
1900	Francis Gulch. <sup>Terri. w. F. Collins.</sup> Colo.	C. F. B.
1901	Las Cruces N. M.	J. D. A. Cockrell.
1902	Toronto Canada	D. G. Cox.
1903	Elkhart Ind.	R. J. Weich.
1904	"	"
1905	"	"
1906	"	"
1907	Nicinity of Paris France.	Dr. Bantard.
1908		
1909	Auburn, Ala.	C. F. B.
1910	"	"
1911	"	"
1912	"	"
1913	"	"



- 4 { <sup>28</sup> 30 } 96. From galls of *Rhodites rosae*  
 " " " " *Diaetrophus cucutaeformis*.  
 " " " " *Rhodites radicum* (?)  
 " " " " " sp. (slender twig gall.)  
 " " " " " *rosae*
- 4-30-96. From cocoons of *Callosamia promethea*  
 4-24-96 Parasite emerges from small yellow cocoons in grass <sup>apanteles</sup>  
 5-5-96. On blossoms of *Ribes aureum*.  
 " Misc. sweeping, alfalfa, *Ribes*, *Symphoricarpos* etc.  
 4-19-96. On blossoms in Fairmount Park.  
 4-18-96 " at League Island.
- 
- 4-26-96. At 'Cobb's Creek'.  
 5-6-96 On dandelions.  
 5-7-96 Misc. coll. Decs mostly from Museum. *Ribes* & *Rhus*.  
 5-6-96. On *Larrea tridentata*.  
 5-2-96. On willow & in water.  
 { 4-30-96  
 5-1-96 } *Salix* bloom.  
 5-1-96 Blossoms of Horn apple & willow.  
 5-4<sup>5</sup>-96 " honey locust & "  
 5-3<sup>4</sup>-96 " honeysuckle "
- 8-2-96 Sweeping meadow - mostly *Panicum sanguinale*.  
 9-21-96 Miscel  
 9-12-96 "  
 9-10-96 "  
 9-24-96 "



1914	Memphis Tenn.	C. F. B.
1915	Fort Collins, Colo.	"
1916	"	"
1917	"	"
1918	"	"
1919	"	"
1920	"	"
1921	"	"
1922	Ft Collins Colo.	"
1923	"	"
1924	"	"
1925	"	"
1926	Arbourn, Alar.	C. F. B.
1927	"	"
1928	"	"
1929	"	"
1930	"	Poyd
1931	"	C. F. B.
1932	"	"
1933	"	"
1934	"	"
1935	"	L. M. Underwood
1936	"	C. F. B.
1937	"	"
1938	"	"
1939	"	"
1940	"	"
1941	"	"



9-2-96	At light.
8-29-96	On <i>Cater commutatus</i>
8-13-96	Light.
8-11-96	"
8-12-96	Misc.
"	On <i>Eriogonum microthecum var. affineum</i> .
8-25-96	Misc.
8-15-96	"
June.	"
"	"
July.	"
"	"
9-25-96.	On wing & general
7-20-96	General
9-6-96	At light.
9-27-96	At light.
1896	Gen.
9-22-96	At light.
9-29-96	" "
8-2-96	Misc.
"	At light.
1896	General.
10-6-96	At light.
8-4-96	Swept from grape
9-29-96	At light
10-6-96	Flies about decaying fruit.
10-8-96	General
10-1-96	At light.



1942.	Auburn Ala.	C. F. B
1943.	"	"
1944	"	"
1945	"	"
1946	"	"
1947	"	"
1948	"	"
1949	"	"
1950	"	"
1951	"	"
1952	"	"
1953	"	L. M. Underwood
1954	"	C. F. B.
1955	"	"
1956	"	"
1957	"	"
1958	"	"
1959	"	"
1960	"	"
1961	"	"
1962	"	"
1963	"	"
1964	"	"
1965	"	"
1966	"	"
1967	"	"
1968	"	"
1969	"	"



- 9-18-96 Light.  
 9-18-96 On cosmos plant.  
 9-18-96 On cotton  
 " " On cabbage  
 " " On cow pea  
 " " On egg plant.  
 9-21-96 General  
 9-21-96 At light.  
 9-21-96 On golden rod  
 9-12-96 at light.  
 9-15-96 General  
 7-16-96 General.  
 9-11-96 On wing - & general  
 9-10-96 At light.  
 9-12-96 In corn crib.  
 9-15-96 On Solanum carolinense.  
 " " Passiflora incarnata  
 " " cotton  
 " General  
 9-10-96 On Robinia pseudacacia  
 " On Nyssa multiflora.  
 9-9-96. On Helium tenuifolium.  
 9-10-96 On sugar  
 9-16-96 On Japanese Quince with Corythaea  
 " " Misc  
 9-25-96 "  
 9-12-96 On Panicum sanguinale  
 9-12-96 On Helium tenuifolium



1970	Auburn, Ala	C. F. B.
1971	"	"
1972	"	"
1973	"	"
1974	"	"
1975	"	"
1976	"	"
1977	"	"
1978	"	"
1979	"	"
1980	"	"
1981	"	"
1982	"	"
1983	"	"
1984	"	"
1984	"	"
1985	"	"
1986	"	"
1987	"	"
1988	"	"
1989	"	"
1990	"	"
1991	"	"
1992	"	"
1993	"	"
1994	"	"
1995	"	"
1996	"	"



- 9-25-96. On Solidago.  
 " On Helenium tenuifolium  
 9-24-96 Sweeping along roadside mostly *Ambrosia artemisiifolia*  
 9-25-96 On oak.  
 9-29-96 On cotton bloom.  
 10-20-96 General  
 10-8-96 On *Artemisia*  
 " In a mushroom  
 10-15-96 On sedge etc in meadow.  
 " On *Alnus*  
 10-14-96 General  
 10-8-96 at light.  
 10-28-96 General  
 10-31-96 Light  
 9-22-96 Reared from cotton plant louse  
 " " " tomato worms.  
 9-21-96 " " a few forms on grass.  
 9-16-96 " " *Centistes brevis* louse  
 " " " dead fig branches.  
 10-1-96 On tomato - breeding  
 9-25-96 Eggs on *Crataegus*.  
 " Bug eggs & nymphs from oak.  
 9-29-96 Reared from louse on *Cassia occidentalis*  
 9-12-96 " " peaches dead with *Monilia fructigena*  
 9-22-96 " " " " " "  
 10-20-96 " " cucumber plant louse  
 9-26-96 " " larvae on cucumber leaves  
 9-21-96 " " " " *Ailanthus*



1997	Auburn, Ala.	C. F. B.
1998	"	"
1999	"	"
2000	"	"
2001	"	"
2002	Elkhart Ind.	R. J. Wentz.
2003	"	"
2004	Auburn Ala.	C. F. B.
2005	"	"
2006	"	"
2007	"	"
2008	"	"
2009	Morris Ranch. Lar. Co. Colo.	"
2010	Forester's " " "	"
2011	Mouth of Big South " "	"
2012	Giggly Creek. " "	"
<del>2012</del>	<del>Phila. Pa.</del>	<del>Chas. Liebeck</del>
2013	Forester's Ranch. Lar. Co. Colo.	C. F. B.
2014	Phila Pa	Chas. Liebeck
2015	Hagleton Pa.	W. G. Dietz M.D.
2016	"	"
2017	"	"
2018	Palouse Wash.	Washen
2019	Rabbit Lewis Pass. Routt Co. Colo.	C. F. B.
2020	Forester's Larimer Co. "	"
2021	Toronto Can.	J. G. Cox.
2022	Fort Collins, Colo.	C. F. B.
2023	Mesilla N.M.	J. D. A. Cockwell.



- 10-5-96 Moths from ~~Saunder's~~ <sup>Grass army</sup> Army worm.
- 10-25-96 Paras. " " " "
- 10-26-96 Fly from leaf miner in verberna.
- 10-6-96 Reared from larvae on *Paspalum incurvatum*.
- 9-21 to 29-96 Moths " " " *Phytolacca decandra*
- 5-13-96 General.
- 5-17-96 "
- 10-28-96 Light.
- 10-31-96 "
- 10-15-96 "
- " Reared from worms eating into tomatoes.
- " " " worms eating all greenhouse plants.
- 7-11-96 General. 8500 fr.
- 8-3-96 On *Artemisia tridentata*.
- 7-12-96 General
- 7-19-96 "
- ~~7-12-96~~ "
- 8-3-96 "
- 5-23-96 "
- 7-20-96 "
- 5-26-96 "
- Sept. 96. "
- March, 94 "
- 7-21-96 General 10000 fr.
- 8-3-96 "
- 8-1-96 "
- 7-6-96 At light.
- 11-12-96 On pear tree



2024	Spicer's North Park, Colo.	C. F. B.
2025	Inceon Ariz.	R. E. Kunge. M.D.
2026	Niagara Falls. Canada	D. G. Cox.
2027	Toronto Can.	R. J. Crew.
2028	Phila. Pa.	Chas. Liebeck.
2029	"	"
2030	Hamlet Hill. 5 mi. S. Steamboat Springs Routt Co. Colo.	C. F. B.
2031	Toronto Can.	D. G. Cox.
2032	Fort Collins. Colo.	C. F. B.
2033	Chamber's Lake Lar. Co. Colo.	"
2034	Fr. Collins. Colo.	"
2035	Toronto, Can.	D. G. Cox
2036	Cameron Pass. Lar. Co. Colo.	C. F. B.
2037	"	"
2038	Toronto Can	D. G. Cox.
2039	"	"
2040	Elkhart 2nd. Under Mt. Richthofen 5 mi. W. of Cameron Pass. Lar. Co. Colo.	R. J. Weith.
2041	Toronto, Can.	C. F. B.
2042	Tipton Ga.	D. G. Cox.
2043	Fr. Collins. Colo.	G. R. Palate.
2044	Phila. Pa.	W. E. B.
2045	"	Chas. Liebeck.
2046	"	"
2047	Fr. Collins. Colo.	C. F. B.
2048	Elkhart - 2nd.	R. J. Weith.
2049	Toronto Can	D. G. Cox
2050	"	"
2051	"	R. J. Crew.



7-18-96.

On grass, carex & a little Potentilla.

6-9-96.

7-15-96.

5-18-96.

7-12-96.

7-18-96.

7-21-96

7-18-96.

8-8-96

On Grindelia

8-1-96.

In grass & carex meadow.

Summer  
'96.

Reared from cocoons found in grass.

7-1-96.

7-30-96.

10000 ft.

7-31-96.

11800 ft.

9-36-96.

5-30-96

5-26-96

On lilac.

7-29-96.

5-25-96

May-June.

7-~~29~~<sup>10<sup>th</sup> 29</sup>-96.

7-27-96.

8-4-96.

7-6-96

Flying about holes of *Melissodes* in road.

7-8-96.

7-14-96

9-7-96

Summer  
'96



2052	Southern New Jersey	Chas. Liebeck.
2053	Phila. Pa.	"
2054	Toronto Can.	C. J. Hills.
2055	"	"
2056	"	"
2057	"	"
2058	Tucson Ariz.	R. E. Kunze MD.
2059	F. Collins. Colo.	C. F. B.
2060	Hazlet Pa.	W. G. Dietz MD
2061	Hardy Ranch. North Park, Colo.	C. F. B.
2062	Jeannette Pa.	H. G. Klages.
2063	"	"
2064	Tucson Ariz.	R. E. Kunze MD
2065	Menonah N. J.	Chas. Liebeck.
2066	Toronto Can	A. G. Cox.
2067	Hazlet Pa.	W. G. Dietz MD.
2068	Toronto Can	A. G. Cox.
2069	<sup>Collingswood</sup> Camden Co. N. J.	Dr. Henry Skinner.
2070	Newark N. J.	H. H. Brehme
2071	Southern N. J.	Chas. Liebeck.
2072	Jeannette Pa.	H. G. Klages
2073	Tucson Ariz.	Dr. R. E. Kunze.
2074	F. Collins. Colo.	C. F. B.
2075	<sup>Foothills</sup> <sup>5 mi N. W.</sup> " "	"
2076	" "	"
2077	Newark. N. J.	H. H. Brehme
2078	F. Collins. Colo.	C. F. B.
2079	Jeannette Pa.	H. G. Klages.



Summer 95

5-7-96 Emerged from diapalsis of a *Tapilio*.

5-22-96

5-9-96

5-14-96

5-16-96

5-1-96.

8-8-96. General.

8-21 to 9-3-96.

7-29-96.

late Apr. & early  
May. '96.

6-22-96.

5-30-96.

5-17-96.

8-10-96.

6-1-96.

7-25-96.

7-12-96.

6-10-96.

Summer  
95.

5-22-96

4-30-96.

6-29-96 At light.

5-25-96

6-15-96.

5-24-96.

5-29-96 At light

5-30-96



2080	Fort Collins, Colo.	C. F. B.
2081	"	"
2082	"	"
2083	"	"
2084	"	"
2085	Elkhart Ind.	R. J. Weith.
2086	"	"
2087	"	"
2088	"	"
2089	"	"
2090	"	"
2091	Tollmer, Idaho.	Prof. J. M. Aldrich.
2092	Elkhart Ind.	R. J. Weith.
2093	Oruga Ho.	J. F. Cuvecoeur.
2094	"	"
2095	Laramie Co. Colo.	C. F. B.
2096	Fr. Collins. Colo.	"
2097	"	"
2098	"	N. E. B.
2099	"	C. F. B.
2100	"	"
2101	"	"
2102	Elkhart Ind.	R. J. Weith
2103	"	"
2104	"	"
2105	Fort Collins, Colo.	C. F. B.
2106	Granajirato Mex.	Dr. Alf. Duges.
2107	Fr. Collins. Colo.	C. F. B.



- 8-11-96. General.
- 7-4-96 In a meadow.
- 7-5-96
- 8-8-96
- 8-27-96 On Solidago, Grindelia, <sup>Sarge anthrophora on Diatris.</sup> Diatris & Helianthus.
- 9-13 to 16-96. On. " "
- 9-24-96 " " principally.
- 8-29 to 31-96. " " "
- " " In deep wood or among or resting on nettle.
- 8-22-96.
- 8-5-96.
- 9-26-96. At 2000 ft. Michl.
- 10-5 to 9-96 On smart weed (Polygonum). <sup>Ings under back.</sup>
- 9-27-96. On grass & weeds in timber & in orchard.
- " On fl. Solidago rigida.
- Summer of '96. General. — Probably quite high alt.
- 8-15-96 " mostly Solidago.
- 8-24-96. On Eriogonum microthecum var. effusum.
- 8-11-96
- 8-27-96 On willow.
- 8-27-96 Sweeping meadow.
- 8-15-96 General
- Aug. 96. On golden rod & thistle
- July 96 " flowers & oak
- " " hollyhock & golden rod.
- 8-18-96 " Solidago & Helianthus
- Spring 96.
- 8-11-96. At light.



2108	Mesilla N.M.	J. D. A. Cockerell
2109	"	"
2110	Fort Collins. Colo.	C. D. F.
2111	<sup>Arctostaphylos Mt.</sup> near " "	"
2112	" "	"
2113	" "	"
2114	" "	"
2115	" "	"
2116	" "	"
2117	Mesilla N.M.	J. D. A. Cockerell.
2118	Pinos Altos N.M.	"
2119	Fr. Collins. Colo.	W. C. B.
2120	"	C. D. F.
2141	"	"
2122	Prescott Ariz.	R. E. Künze M.D.
2123	"	"
2124	Elkhart Ind.	R. J. Neuti.
2125	"	"
2126	"	"
2127	"	"
2128	"	"
2129	"	"
2130	"	"
2131	Webster N. H.	W. F. Fiske.
2132	Wastyard. N. H.	"
2133	"	"
2134	"	"
2135	"	"



- 8-20-96. *Monodontomerus*.
- "  
pupa  
8-22-96. On *Melia azadirach.*  
Imago 9-8-96. - from larvae in peaches in market.
- 8-28-96.
- 8-29-96 *Phyllis* reared from *Juncus nodosus*.
- 8-18-96. At light.
- 8-29-96 General
- 7-30-96. "
- 8-18-96 On *Liatris*
- Aug. 26-96. On *Lycium*.
- 1895 On oak. *Aphidius craticola* Ckell.
- 8-25-96. Swarming (ants) and general.
- 8-12-96 On *Solidago* & *Helianthus*.
- " " *Eriogonum microthecum effusum*.
- 7-10-96.
- 7-15-96
- 9-1 to 7-96. On golden rod.
- 6-11 to 15-96 Milkweed & scrub oak.
- June & July '96 Shrubs - esp. scrub oak & basswood.
- 6-1 to 6-96 Gen.
- 8-14 to 25-96. On flowers - *Pilecnus* in thick woods.
- 9-21-96 On " mostly goldenrod.
- 5-28-96 Gen.
- 7-25-96. On *Asclepias*.
- 8-3-96. " "
- 9-10-96. " Goldenrod.
- 8-3-96 On *Tammach*.
- 8-6-96 On goldenrod.



2136.	Webster N. H.	W. J. Fiske.
2137	Osage Ks.	F. J. Crevcoeur
2138	"	"
2139	"	"
2140	"	"
2141	"	"
2142	F. Collins. Colo.	C. F. B.
2143	Osage. Ks.	F. J. Crevcoeur
2144	"	"
2145	"	"
2146	"	"
2147		
2148	Mesailla N. M.	J. D. A. Cockrell.
2149	Osage Ks.	F. J. Crevcoeur
2150	Cameron Pass. N. Colo.	C. F. B.
2151	Phila Pa	Chas. Liebeck.
2152	Toronto Can.	D. G. Cox.
2153	F. Collins, Colo.	C. F. B.
2154	Vera Cruz Mex. (Vicinity)	H. Th. Heyde
2155	Clark's Peak. N. Colo.	C. F. B.
2156	Toronto Can.	C. F. Hills.
2157	Larimer Co. Colo.	C. F. B.
2158	Gizzly Creek S.W. North Pk. Colo.	"
2159	Phila. Pa.	Chas. Liebeck.
2160	Elkhart Ind	R. J. Weith.
2161	"	"
2162	Osage Ks.	Crevcoeur
2163	Tucson Ariz	R. E. Fungus.



- 7-22-96. On golden rod.
- 5-14-96. On gooseberry.
- 5-10-96 On *Laportea canadensis*.
- 5-15-96 On willow.
- 5-13-96 On *Prunus americana*.
- 5-7-96 On *Poa pratensis*
- 6-29-96 General. — mostly *Carex*.
- 5-3-96. On grass.
- 5-14-96 On bloom *Amarpha fruticosa*.
- 5-10-96 On cherry.
- 5-14-96 On red currant.
- 
- 10-26-96 "
- 5-29-96 On *Ambrosia trifida*
- 7-30-96. On mostly *Carex*. — at 10000 ft.
- 7-12-96 General.
- 6-6-96 "
- 7-5-96. On bloom of *Peltostemon* & *Thelyperma*.  
 summer 1896. Mod.
- 8-1-96 Mod. at 11700 ft.
- 5-17-96.  
 summer 1896.
- 7-24-96 "
- 5-30-96.
- 5-24-96 On lilac and smart weed
- 5-20-96 Gen -  
 1895 Mod.
- 5-27-96 "



2164	Newport N.Y.	D. B. Young.
2165	"	"
2166	"	"
2167	"	"
2168	"	"
2169	Elkhart Ind.	R. J. Weith.
2170	F. Collins, Colo.	C. F. B.
2171	Tucson Ariz.	R. E. Funze.
2172	Onaga Kas.	F. J. Crevecoeur
2173	"	"
2174	Toronto Can.	D. G. Cox.
2175	Fort Collins. Colo.	C. F. B.
2176	Hazleton Pa.	W. G. Dietz. M.D.
2177	"	"
2178	Elkhart Ind.	R. J. Weith.
2179	<sup>Dist. Canim</sup> 5 mi. n.w. of Collins. Colo.	C. F. B.
2180	F. Collins. Colo.	W. E. B.
2181	Toronto Can.	R. J. Crew.
2182	"	D. G. Cox.
2183	Elkhart Ind.	R. J. Weith.
2184	Fort Collins, Colo.	C. F. B.
2185	Posth. n.w. "	"
2186	Angelsca N. J.	Chas. Lubich
2187	Hazleton Pa.	W. G. Dietz. M.D.
2188	Toronto Can.	D. G. Cox.
2189	"	"
2190	Hera Cruz Mex.	H. Th. Heyde
2191	F. Collins, Colo	C. F. B.



- 6-5-96. General
- 5-29-96. "
- 5-14-96. "
- 5-6-96. "
- 4-30-96. "
- 5-21-96. "
- 5-16-96. On Melilotus.
- 5-27-96.
- 10-20-96. On Solidago rigida.
- 10-9-96. gen
- 5-23-96.
- 6-1-96
- 7-23-96
- 8-1-96.
- 5-27-96. On Lilac & Polygonum
- 5-24-96. On plum bloom
- 6-15-96. On bloom of Garden Heliotrope.
- 5-28-96.
- 8-16-96.
- Summer 96
- 7-4-96. Light.
- 6-20-96.
- 7-15-96. From Beachwash.
- Summer 96
- May. '95
- Summer 96
- Summer 96
- 6-11-96. *Tanthe expansa* in all stages.  
In meadow - mostly Carex.



2192	River Seine at Rouen France	M. Henri Gadeau de Serville.
2193	<sup>Aug</sup> Lugsby Creek. S. W. N. Pa. N. Colo	C. F. B.
2194	"	"
2195	Bloomington Ill.	C. C. Adams.
2196	St. Collins Colo.	C. F. B.
2197	"	"
2198	Cameron Pass N. Colo.	"
2199	Pullman Wash	C. V. Piper.
2200	"	"
2201	"	"
2202		
2203		
2204		
2205		
2206	Fort. n. St. Collins Colo.	C. F. B.
2207	"	"
2208	"	"
2209		
2210		
2211		
2212	= 2206	
2213	St. Collins Colo.	C. F. B.
2214	Corvallis Oregon.	A. B. Cordley.
2215	Fort. n. St. Collins. Colo.	C. F. B.
2216	Phila. Pa.	Chas. Sebeck
2217	Corfu's Vanc.	Clement Livingston
2218	"	"
2219	"	"



— Aphelocheirus estivalis Fab. through Geo. W. Kirkaldy.  
 7-19-96 On Artemisia tridentata.  
 " " Salix. "  
 Summer & Fall 7 1896 Wood. Siphloxybids on gooseberry.  
 June  
 July.  
 " 10000 ft on dwarf Salix.

April.  
 May  
 "

June.

5-31-96  
 1896 in Wood.  
 6-10-96 Livingston No. 299  
 6-12-96 " 303  
 4-4-96 " 175 Flying in abundance



2220	Toronto Can.	R. J. Crew
2221	F. Collins. Colo.	C. F. B.
2222	Auburn Ala.	"
2223	"	"
2224	"	"
2225	F. Collins. Colo.	"
2226	"	"
2227	Toronto Can	D. G. Cox
2228	Coyjels Vanc. Isld.	Almont Livingston
2229	"	"
2230	"	"
2231	"	"
2232	"	"
2233	"	"
2234	"	"
2235	"	"
2236	Tucson Ariz.	R. E. Kunge Md.
2237	F. Collins. Colo.	C. F. B.
2238	"	"
2239	"	"
2240	Toronto Can	D. G. Cox
2241	Elkhart Ind.	R. J. Woodh.
2242	Auburn, Ala.	C. F. B.
2243	"	"
2244	"	"
2245	"	"
2246	"	"
2247	Providence R. I.	Prof. E. E. Calder



- Summer  
1896
- 8-8-96 Miscel.  
"
- 1-16-96 Under log
- 2-13-97 On bloom of *Acer rubrum*  
" Miscel.
- 6-22-96 In flowers of *Opuntia*  
" On bloom of *Melilotus*
- Dec 96 Reared from moss
- 5-22-96 Liv. No. 258
- 5-18-96 Liv. No. 249
- 5-24-96 Liv. No. 262
- 5-7-96 Liv. No. 225
- 5-7-96 " 227 On grass weeds.
- 5-31-96 " 271
- 5-6-96 " 224 Weeds & flowers
- 4-19-96 " 202 Weed gooseberry
- 5-25-96 Miscel
- 6-8-96 "
- 6-8-96 Reared from a cecidoid gall on willow.
- 5-96 Miscel
- '96 "
- 5-18-96 On flowers <sup>under insect</sup> of *Abutilon* electric lights.
- 2-20-97 Sweeping dead grass & leaves
- 3-20-97 Apple bloom
- " Bloom of *Prunus carolinensis*
- " " cult. *Viburnum*
- " Miscel
- 1897 Aquatic Hemit.



2248	Auburn, Ala.	C. F. B.
2249	"	"
2250	"	"
2251	"	"
2252	Warwick R. D.	E. E. Calder.
2253	Chambers Lake, N. Colo.	C. F. B.
2254	Cameron Pass, N. Colo.	"
2255	Auburn, Ala.	"
2256	"	"
2257	"	"
2258	"	"
2259	"	"
2260	Newark N. J.	H. H. Bohme.
2261	Toronto Can.	C. D. Hillis.
2262	Auburn Ala.	C. F. B.
2263	Spelousas La.	G. R. Plate.
2264	"	"
2265	"	"
2266	"	"
2267	Auburn, Ala.	C. F. B.
2268	"	"
2269	Cameron Pass, N. Colo.	"
2270	Rabbit Ear Pass, "	"
2271	St Collins Colo.	"
2272	Toronto Can	D. G. Cox
2273	St. Collins, Colo.	C. F. B.
2274	Toronto Can.	D. G. Cox.
2275	Auburn, Ala.	C. F. B.



- 3-1-97 At light.  
 " Impaled on a sharp stick by a strike.  
 2-27-97 Under log.  
 3-5-97 Bloom of cult. plum.  
 Spring 97 Dredging.  
 7-13-96 Sweeping  
 7-15-96 " 11500 ft.  
 3-17-97 Wood Sweeping.  
 " In cracks in bark of ~~oak~~ tree.  
 4-10-97 At light.  
 " <sup>ultra</sup> emerged from dead plum twigs broken last fall.  
 4-18-97 Reared from a small fleshy leaf gall on oak.  
 7-17-96 Wood Sweeping.  
 Summer 1896 " "  
 4-24-97 Wood sweeping & on wing at Wright's Mill.  
 2-97 " "  
 3-97 " "  
 4-97 " "  
 2-24-97 Sifted decayed Japonica flowers.  
 5-5-97 Light. & misc.  
 5-11-97 Wood. sweeping in fruit of Lab.  
 7-16-96 At 10000 ft.  
 7-20-96 Wood. sweeping at 9500 ft.  
 5-26-96 From rose gall — see gall  
 " " " Δ - " "  
 " " willow "and" gall  
 5-29-96 " gall of *Diastrophus nebulosus*.  
 May, 1897. Wood.



2276.	Fort Collins Colo.	C. J. B.
2277	Auburn, Ala.	L. M. Underwood
2278	"	C. J. B.
2279	Coxfield, Vauc. Isl. F. C.	Almont Livingston
2280	Auburn, Ala	C. J. B.
2281	" 3 miles south.	"
2282	" "	"
2283	" —	G. W. Carver.
2284	" —	C. J. B.
2285	"	"
2286	"	"
2287	"	"
2288	"	"
2289	"	"
2290	"	"
2291	"	"
2292	"	"
2293	"	"
2294	Vaughn's mill s.w. of Auburn Ala.	"
2295	"	"
2296	"	"
2297	"	"
2298	Auburn, Ala.	"
2299	"	"
2300	Altoona Fla.	J. J. Dobbin.
2301	Mex. City Mex.	O. W. Barrett.
2302	Juarez, Mex.	A. P. Morse
2303	Mesilla, N. M.	"



- |             |   |
|-------------|---|
| June 96     | Misc.   |
| Summer 96-  | "   |
| 6-6-97      | "   |
| Summer 1893 | "   |
| 6-9-97      | On bloom of celery in garden.   |
| 6-19-97     | On " " Eryngium yuccaefolium.   |
| "           | " " " Cythilla  |
| 6-15-97     | Among grass heads.  |
| 6-20-97     | Sweeping in a meadow.   |
| "           | At light.   |
| "           | Sweeping on college lawn.   |
| "           | In cellar   |
| 6-24-97     | On flowers of the Umbellifer, with finely divided leaves <small>grows in meadow</small> |
| 6-28-97     | At light  |
| "           | Misc. sweeping low ground.  |
| 7-3-97      | "   |
| "           | Stem bloom of tall umbellifer along R.R. track  |
| 7-8-97      | On cotton   |
| "           | On wing around mill pond  |
| "           | Misc sweeping of bruberry   |
| "           | On flowers of Cephalanthus  |
| "           | Sweeping low sedges around mill pond.   |
| 7-10-97     | " " " college ponds.  |
| "           | Misc.   |
| 8-97        | "   |
| 6-21-97     | "   |
| 7-3-97      | "   |
| 7-2-97      | "   |



2304	Yuma Ariz.	A. P. Morse
2305	Dublin Mex	O.W. Barrett.
2306	Mex. City. Mex.	"
2307	Tijapart, Mex.	"
2308	Mex. City. Mex.	"
2309	Xalapa Mex.	"
2310	Mexilla N. M.	A. P. Morse
2311	"	"
2312	Gila Bend, Yuma Ariz.	"
2313	Palmer Springs. Cal.	"
2314	Auburn, Ala.	C. F. Baker.
2315	<del>Phoenix</del> Prescott Ariz.	P. E. Kunge.
2316	"	"
2317	"	"
2318	"	"
2319	India? Cal.	A. P. Morse.
2320	Vicinity of Mex. City. Mex.	O.W. Barrett.
2321	Tijapart Mex.	"
2322	Tacuba "	"
2323	Tacubaya "	"
2324	Amecameca "	"
2325	Foothills 5 mi. n.w F. Col. Cal.	C. D. B.
2326	Spicer, North Park Colo.	"
2327	Auburn, Ala.	"
2328	"	"
2329	San Bernardino Cal.	A. P. Morse
2330	Los Angeles Cal.	"
2331	"	"



7-5-97 Misc  
6-10-97 "  
6-23-97 "  
6-11-97 "  
6-9-97 "  
6-25-97 "  
6-28-97 "  
7-3-97 "  
7-4-97 "  
7-12-97 "  
7-12-97 "  
5-12-97 On weeds & willows.  
5-25-97  
5-14-97  
5-18-97  
7-15-97  
7-97  
6-17-97  
7-1-97  
7-4-97  
6-30-97  
7-10-96 Misc.  
7-18-96 On willow.  
8-10-97 On *Passiflora incarnata*  
" On flowers of *Ludwigia alternifolia*  
7-18-97  
7-21-97  
7-26-97



2332	Summit Canon Pass. Cal.	A. P. Morse
2333	Colton Cal.	"
2334	Newport Herb. Co. N.Y.	D. B. Young.
2335	Opelousas La.	G. R. Pilate.
2336	"	"
2337	"	"
2338	Montreal Can.	Gus Chagnon
2339	Phoenix. Ariz.	R. E. Kunze wd.
2340	"	"
2341	"	"
2342	Arbun, Ala	C. F. B.
2343	"	"
2344	"	"
2345	Berkeley Cal.	A. P. Morse
2346	Lancaster Cal.	"
2347	Mt Wilson (Pasadena) Cal.	"
2348	San Diego Cal.	"
2349	Manova, Cal.	"
2350	Gertrude, Cal.	"
2351	Los Angeles Cal.	"
2352	Lathrop, Cal.	"
2353	Yosemite Valley, Cal.	"
2354	Rancho Hanover. Est. Vera Cruz <sup>Mex</sup>	Schwarz
2355	Enzoque Est. Vera Cruz Mex	"
2356	Tulancingo, Est. Hidalgo. Mex	"
2357	San Antonio, Tex.	"
2358	Tehachapi Cal.	A. P. Morse
2359	Arbun Ala.	C. F. B.



7-19-97  
 7-17-97  
 6-25-97  
 May. 97  
 6-15-97  
 5-25-97  
 197  
 May. 97  
 4-11-97 Salix mostly  
 4-15-97 Grasses & weeds  
 8-25-97 Light  
 " On oak  
 " Mixed  
 8-20-97 "  
 7-31-97 "  
 7-28-97 "  
 7-22-97 "  
 8-13-97 "  
 8-15-97 "  
 7-29-97 "  
 8-18-97 "  
 8-10-97 "  
 6-20-97 "  
 6-25-97 "  
 6-10-97 "  
 6-1-97 "  
 8-3-97 " 4000 ft.  
 9-10-97 On Andropogon



2360	Auburn, Ala.	C. F. B.
2361	"	"
2362	"	"
2363	Fern City, Cal.	A. P. Morse
2364	Yuba City, Cal.	"
2365	Tehachapi Cal.	"
2366	Santa Monica Cal.	"
2367	Mexilla N. M.	V. D. A. Cockerell
2368	Dadeville Ala.	C. F. B.
2369	Auburn, Ala.	"
2370	"	"
2371	"	"
2372	Dadeville Ala.	"
2373	Lazelle Cal.	A. P. Morse
2374	Sisson Cal.	
2375	Benicia Cal.	
2376	Ashland Ore	
2377	Paden Cal.	
2378	Mt Shasta Cal.	
2379	Tehama Cal.	
2380	Mill Valley Cal.	
2381	Siskiyou Ore.	
2382	N. E. Mexico.	Dr. Fock.
2383	Laredo Tex.	"
2384	San Antonio Tex.	"
2385	Austin Tex.	"
2386	Near Mex. City, Mex.	O. W. Barret
2387	Near Tula, Puebla Mex. Cruz.	"



- 9-10-97 Emory.  
 " On grasses & *Fimbristylis* in meadow.  
 8-97 Misc.  
 8-4-97 "  
 8-5-97 "  
 8-2-97 4500 to 5500 ft.  
 7-30-97 Misc.  
 8-24-97 On *Lycium torreyi* in small colonies.  
 8-25-97 On cotton  
 9-5-97 On corn  
 " In meadow  
 9-~~25~~<sup>5</sup>-97 Misc.  
 8-25-97 In clear spring pool.  
 9-4-97 Misc  
 9-3-97  
 8-26-97  
 9-7-97  
 8-24-97  
 9-2-97 7500 ft.  
 8-28-97  
 8-22-97  
 9-6-97  
 Summer 97 Vic. Vera Cruz. etc. Est. Pueblos etc  
 6-4-97  
 6-3-97  
 6-30-97  
 9-15-97  
 8-15-97



2388	Near Volcan. Tuxtla Mex.	W. Barrett,
2389	Macotalpam Mex	"
2390	Near Mex. City.	"
2391	Tacuba Mex.	"
2392	Opelousas La.	G. R. Pilate.
2393	Tormito Can	R. J. Crew.
2394	Denier Colo.	E. Beitel.
2395	Tormito Can.	C. J. Hills.
2396	Lathrop Cal.	A. P. Morse
2397	B. Collins. Colo.	<del>C. J. B.</del>
2398	Newark N. J	R. H. Behme
2399	Auburn Ala	C. J. B.
2400	"	"
2401	"	"
2402	Monte Sano, Ala.	"
2403	Elkhart Ind.	R. J. Wenth.
2404	Opelousas La.	G. R. Pilate
2405	"	"
2406	Lar. Co. Colo.	C. J. B.
2407	Dr. Collins. Colo.	"
2408	Hills 5 mi. n. " "	"
2409	B. Collins. "	"
2410	On Upper Larimie River Colo.	"
2411	Dr. Collins. Colo.	"
2412	"	"
2413	"	"
2414	Auburn Ala	"
2415	"	"



8-97 Est. Vera Cruz.  
7-29-97  
8-97  
9-97  
6-15-97

8-17-97  
8-11-96  
7-17-96  
10-7-97 In a fig (ripe) on tree.  
" About lamp.  
10-1-97 Misch.  
9-13-97 On basswood.  
Summer 97. Misch.  
Dec. & Max. 97. "  
4-97  
6-16-96  
6-26-96  
7-1-95  
8-20-95  
7-18-96 8000 ft.  
4-10-96  
8-8-96  
7-5-96  
10-15-97 Misch.  
" On Arundinaria tecta.



2416		Dormita Can.	R. J. Crew.
2417		"	Hills.
2418		Newark N. J.	H. H. Brehme
2419		St. Collins Colo.	C. F. B.
2420		Opelousas La.	G. R. Pilate
2421		Moore's Ranch. Lar. Co. Colo.	" C. F. B.
2422		Fort Collins Colo.	"
2423		"	"
2424		Fort. n. St. Collins Colo.	"
2425		"	"
2426		"	"
2427		St. Collins Colo.	"
2428		Fort. n. St. Collins Colo.	"
2429		St. Collins Colo.	"
2430		"	"
2431		Elkhart Ind.	R. J. Meith.
2432		St. Collins Colo.	C. F. B.
2433	= 2432		"
2434		"	"
2435		"	"
2436			
2437	= 2434		
2438	Evch.	Olympia Wash.	Devo Kincaid.
2439	"	Wahnton Colo.	C. F. G.
2440	"	"	"
2441	= 2440.		
2442		St. Collins Colo.	C. F. B.
2443	= 2442		



7-17-96

8-11-96

3-3-97

7-11-96 7500 f.

Aug. Paper nest.

"

April.

"

"

Aug.

May On Amelanchier.

"

On Comedion.

"

May From Cecidomyid galls on willow.

Sept. Gall Rhod. globulus?

May Gall Eucra S. nodosa.

Galls on oak

" Halc. muniticola

Sept. Gall Rhod tuberculata



2444	Fort Collins Colo.	C. T. B.
2445 = <del>2445</del>	"	"
2446	"	"
2447 = 2446		
2448	"	"
2449 = 2448		
2450 = 2448		
2451 = 2448		
2452	Olympia Wash.	Trevor Kincaid
2453	"	"
2454	"	"
2455	Fort Collins Colo.	C. T. B.
2456 = 2455		
2457 = 2455		
2458	"	"
2459 = 2458		
2460 = 2458		
2461	"	"
2462	"	"
2463 = 2464		
2464 = 2455		
2465	"	"
2466	"	"
2467	"	"
2468	Olympia Wash.	Trevor Kincaid
2469	"	"
2470	"	"
2471		



Gall Rhos. neglecta  
" " tuberculata

May. Gall Rhos. bicolor.

April. Gall Rhos. arefactus

" Galls on Chrysothamnus

May. Gall Drypeta Solidaginis  
" " Euura 5-nodosa

" Rose galls

" " "

"

Cock galls

"

"



2472

2473

2474

2475

2476

2477

2478

2479

2480

2481

2482

2483

2484

2485

2486

2487

2488

2489

2490

2491

2492

2493

2494

2495

2496

2497

2498

2499

Chicago Ill.

Olympia Wash.  
"

Newark, N. J.  
Fronts Con

"  
Fronts Con  
Gr. Collins. Colo.

New Bedford Mass.  
Newark N. J.

Black Pond Essex England.  
Warren "

Deal. "

Bella gio. "

" "

" "

Beachy Head <sup>near</sup> Eastbourne "

St Margaret Bay - Kent. "

Dover "

Bella gio. "

Chenapunggi  
Khadia Hills, Assam. N. India.

Auburn, Ala.

St Arviz Dalls, Polk Co. Miss.

Cuernavaca, <sup>Mexico</sup> Mex

Frederic Kincaid.

"  
H H Belhune  
D G Cox

"  
C S B.

D. Gden. Hugh.  
H H Belhune

Malcolm Russ.  
"

"

"

"

"

"

"

Through. "  
C. S. B.

"  
O. W. Barrett.



*Diastrophus* galls on *Rubus*  
*Rhodites* galls on *Rosa*  
*Diastrophus* galls on *Rubus*  
 Gall XX on *Rosa Florida*  
 Gall  $\Delta$  on " "  
 Galls on *Potentilla*  
 Galls of *Dryophanta papula*.  
 " on oak

Flies emerged  
 6-12-96  
 6-7-97  
 8-5-97  
 8-6-97  
 6-11-97  
 7-8-97  
 6-3-97  
 5-12-97  
 8-7-97  
 5-7-97  
 9-11-97

On cliffs by sea

10-20-97  
 11-20-97

In Berger's Lake

Sept. to Oct  
 1897



2500	Sacramento Cal.	A. P. Morse.
2501	W. Collins. Colo.	C. J. B.
2502	Tacoma, Wash.	A. P. Morse
2503	Portland Oreg.	"
2504	Wanona & Fish Camp. 70 <sup>Cal.</sup>	"
2505	San Marcos Cal.	"
2506	Yood River Oreg.	"
2507	Providence R. I.	E. E. Calder.
2508	Tenino Wash.	A. P. Morse
2509	Portland Oreg.	"
2510	Grant's Pass. Oreg.	"
2511	Glendale, Oreg.	"
2512	W. Nelson, Pasadena Cal.	"
2513	Columbus Tex.	"
2514	Eagle Lake, Tex.	"
2515	Cottage Grove Oreg.	"
2516	Wang's Peak, Benton Co. Ore.	"
2517	Victoria B.C.	"
2518	Seattle Wash.	"
2519	Bellagio England	Malcolm Burr.
2520	"	"
2521	Hanlyng Island "	"
2522	Phoenix Ariz.	R. E. Kunze <del>MD.</del>
2523	Palm Springs. Cal.	A. P. Morse
2524	Opelousas La.	G. R. Pulate.
2525	"	"
2526		
2527		



8-27-97

Aug. 96

9-25-97

9-18-97

8-14-97

8-19-97

9-21-97

12-16-97

9-25-97

9-18-97

9-8-97

9-9-97

7-27-97 2400 Jr.

6-25-97

6-26-97

9-12-97

9-16-97

9-29-97

9-28-97

8-19-97

5-30-97

6-20-97

4-8-97

7-13-97

5-6-97

4-24-97



2528	Fort Collins. Colo.	C. S. B.
2529	"	"
2530	"	"
2531	"	"
2532	"	"
2533	"	"
2534	Chambers Lake. N. Colo.	"
2535	Morris Ranch. Lar. Co. N. Colo.	"
2536	<sup>upper</sup> Sacramento River. N. Colo.	"
2537	Auburn Ala	"
2538	Medulla Wm.	A. P. Morse
2539	Hazleton Pa.	W. G. Dietz
2540	Toronto Can	?
2541	Valentine Tex.	A. P. Morse
2542	Fay. Tex.	"
2543	Roseburg? Oreg.	"
2544	Hazleton Pa.	W. G. Dietz
2545	Opelousas La.	G. R. Pilate
2546	Tucson Ariz.	R. E. Kunze
2547	Opelousas, La.	G. R. Pilate
2548	Palmetto <del>La</del> Louis	"
2549	Tucson, Ariz.	R. E. Kunze
2550	Phoenix	"
2551	" " "	"
2552	" Ariz.	"
2553	Opelousas La.	G. R. Pilate
2554	Auburn Ala	C. F. B.
2555	"	"



- 7-4-96
- 8-13-96 Light.
- 6-17-96
- 6-1-96
- 8-28-95
- 6-28-96
- 8-2-96
- 8-17-95
- 8-2-96
- 7-1-97
- 6-27-97  
summer 97  
" "
- 6-25-97
- 6-26-97
- 9-10-97
- 5-31-97 Reared from pupa of *Cryptolechia quercicella* Clem.
- 4-8-97
- 6-12-97
- 4-16-97
- 7-2-97
- Dec. 97-Jan. 98 Aquatic
- Apr. 28-97 On *Larrea Mexicana*
- " 26-97
- Feb. 21-97
- 3-24-97
- 5-24-98 Wood sweeping - the *Halictus* from *Ceanothus americana*
- 7-29-98 " "



2556	Auburn Ala.	C. F. B.
2557	"	"
2558	Manco No.	"
2559	"	"
2560	"	"
2561	D. Collins. Colo.	"
2562	Auburn Ala.	"
2563.	Opelousas, Ala.	G. R. Pilate.
2564	"	"
2565	"	"
2566	"	"
2567	"	"
2568	"	"
2569	San Francisco Mts. Flagstaff. Ariz.	E. S. Kinge.
2570	Phoenix Ariz.	"
2571	"	"
2572	"	"
2573	"	"
2574	"	"
2575	Camp Creek, Ariz.	"
2576	Prescott, Ariz.	"
2577	"	"
2578	Opelousas La.	G. R. Pilate.
2579	Fortitude D. D. Collins. Colo.	C. F. B.



July '98 Reared during July from gall on some Composite  
" " " " " " " " Lactuca

7-10-98 <sup>This</sup> " from galls on roots of Quercus undulata  
7-29-98 <sup>Chadwick's</sup> " " " " " " " "

7-10-98 Hills back of Mancos. 8000-8500 ft.

1-9-97 See acc. 1885 Rose gall &

7-30-98 Tryptocytis etc on acupernong grapes.

4-30-97

4-6-97

5-6-97

6-18-97

4-12-97

3-15-97

7-23 & 31-97

Aug. 15-97 " Bite of langor from Hemipis is as venomous as sting of a wasp "

Apr. 21-97

Aug. 25-97

Aug. 8-97

June -97

Aug. 22-97

Sept. 7 - ~~97~~

Sept. 24-97

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