

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
Preventing Spread of Moths

SUMMARY---GYPSY MOTH DEFOLIATION---1937

NUMBER OF ACRES DEFOLIATED AND THE DEGREE OF DEFOLIATION IN NEW ENGLAND

STATE	DEGREE OF DEFOLIATION				Total
	25%	50%	75%	100%	
MAINE	59,828	42,549	30,178	7,471	140,026
NEW HAMPSHIRE	50,586	15,302	5,091	1,994	72,973
VERMONT	15	22	33	11	81
MASSACHUSETTS	67,439	71,417	105,399	149,358	393,613
RHODE ISLAND	800	940	270	53	2,063
CONNECTICUT	0	4	0	0	4
TOTALS	178,668	130,234	140,971	158,887	608,760

Gypsy Moth Defoliation

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Div. #1	91,975	Acres
" 2	181,930	"
" 3	4,257	"
" 4	8,433	"
" 5	21,556	"
" 6	31,795	"
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	339,946	"

Total defoliation 339,946 acres

MASSACHUSETTS - 1937.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Reports have been received from 249 towns, showing definite acreages more or less defoliated by the Gypsy Moth. These reports are summarized as follows:

Number of acres defoliated and the degree of defoliation in Massachusetts

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Abington	200	100	250	250	800
Acton	0	0	245	795	1,040
Acushnet	10	110	434	155	709
Amesbury	38	28	9	0	75
Amherst	300	150	125	60	635
Andover	100	80	60	60	300
Ashburnham	0	15	45	40	100
Ashby	0	60	25	75	160
Ashfield	10	0	0	0	10
Ashland	0	0	145	575	720
Athol	90	205	10	0	305
Attleboro	0	80	1,522	2,306	3,908
Auburn	10	40	0	0	50
Avon	50	180	370	800	1,400
Ayer	0	35	75	105	215
Barnstable	2,100	1,500	1,800	1,000	6,400
Barre	140	525	20	0	685
Bedford	114	81	60	70	325
Belchertown	1,950	1,400	900	625	4,875
Bellingham	50	160	300	1,000	1,510
Berkley	205	675	4,720	1,800	7,400
Berlin	0	50	95	750	895
Bernardston	740	210	175	100	1,225
Billerica	115	102	43	35	295
Blackstone	10	50	10	5	75
Bolton	0	0	110	265	375
Bourne	1,200	900	800	600	3,500
Boxboro	0	0	100	180	280
Boxford	416	307	210	207	1,140
Boylston	225	1,175	675	145	2,220
Braintree	15	80	691	802	1,588
Brewster	200	200	275	100	775
Bridgewater	1,000	500	550	600	2,650
Brimfield	15	35	0	0	50
Brockton	200	175	175	250	800
Brookfield	10	0	0	0	10
Burlington	19	13	4	0	36

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Canton	20	100	350	970	1,440
Carlisle	230	210	105	85	630
Carver	675	850	500	275	2,300
Charlton	40	60	0	0	100
Chatham	200	250	150	125	725
Chelmsford	90	80	75	55	300
Chilmark	100	50	20	30	200
Clinton	0	10	100	215	325
Cohasset	275	100	150	175	700
Concord	0	35	60	160	255
Dana	140	635	125	15	915
Danvers	10	5	5	0	20
Dartmouth	0	500	2,500	3,440	6,440
Dedham	0	100	1,255	2,215	3,570
Deerfield	750	325	285	365	1,725
Dennis	150	100	75	50	375
Dighton	160	595	2,755	3,510	7,020
Douglas	50	80	30	0	160
Dover	0	555	1,350	2,750	5,255
Dracut	90	45	20	10	165
Dudley	25	50	0	0	75
Dunstable	0	0	200	400	600
Duxbury	1,300	900	1,500	800	4,500
East Bridgewater	1,250	400	400	500	2,550
East Brookfield	25	20	0	0	45
Eastham	50	60	25	15	150
Easton	0	245	1,255	3,970	5,470
Enfield	140	575	75	20	810
Erving	375	175	150	30	730
Fairhaven	60	55	167	220	502
Fall River	0	60	140	410	610
Falmouth	1,500	1,200	1,500	1,000	5,200
Fitchburg	0	25	115	135	275
Foxboro	0	330	2,640	5,505	8,475
Framingham	15	0	30	177	222
Franklin	110	520	2,000	4,260	6,890
Freetown	0	800	2,552	5,773	9,125
Gardiner	5	5	0	0	10

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Georgetown	127	38	45	25	235
Gill	1,100	675	415	300	2,490
Grafton	210	790	480	175	1,655
Granby	100	60	60	10	230
Greenfield	290	125	30	25	520
Greenwich	130	510	100	10	750
Groton	0	0	150	475	625
Groveland	68	57	30	25	180
Hadley	0	20	0	0	20
Halifax	750	650	450	450	2,300
Hamilton	135	75	70	65	345
Hanover	25	0	0	0	25
Hanson	175	75	75	35	410
Hardwick	175	325	150	75	1,225
Harvard	40	90	50	230	410
Harwich	350	250	200	100	900
Hatfield	300	600	230	140	1,370
Haverhill	252	212	103	78	645
Hingham	300	150	150	150	750
Holbrook	0	205	435	30	720
Holden	100	165	10	0	275
Holland	60	90	10	0	160
Holliston	50	0	230	335	715
Holyoke	65	30	70	5	170
Hopedale	90	210	100	40	440
Hopkinton	175	450	300	100	1,025
Hubbardston	190	105	0	0	295
Hudson	0	0	50	250	300
Ipswich	290	136	94	75	645
Kingston	1,000	750	1,100	900	3,750
Lakeville	2,000	2,500	1,500	1,000	7,000
Lancaster	0	500	615	1,210	2,325
Leicester	130	270	50	0	450
Leominster	0	0	10	675	685
Leverett	2,650	1,540	950	900	6,040
Lexington	9	4	2	0	15
Lincoln	50	100	350	1,550	2,050
Littleton	0	0	35	1,310	1,395
Ludlow	100	30	25	30	235
Lunenburg	0	0	100	310	410
Lynn	350	300	200	150	1,000

MASSACHUSETTS - 1937.

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Lynnfield	23	17	5	5	55
Mansfield	0	335	2,115	5,730	8,230
Marion	300	750	550	150	2,250
Marlboro	0	0	20	917	937
Marshfield	1,500	1,200	1,100	750	4,550
Mashpee	200	200	150	100	650
Mattapoisett	300	500	500	200	1,500
Maynard	0	0	60	65	125
Medfield	0	265	530	1,205	2,050
Medway	45	150	525	725	1,445
Mendon	125	575	350	75	1,125
Merrimac	104	76	33	27	245
Methuen	31	22	3	1	62
Middleboro	3,000	3,000	2,700	1,700	10,400
Middleton	435	200	200	130	1,065
Milford	90	310	125	50	575
Millbury	30	20	20	0	120
Millis	50	125	335	525	1,535
Millville	5	0	0	0	5
Milton	50	100	330	2,320	3,350
Montague	1,400	600	300	225	2,525
Montgomery	40	0	0	0	40
Natick	0	0	5	17	22
New Bedford	0	5	17	50	72
New Braintree	35	350	15	0	450
Newbury	179	119	75	57	430
Newburyport	10	5	5	0	20
New Salem	210	930	150	0	1,340
Norfolk	20	75	360	1,170	1,625
Northampton	900	450	275	350	1,975
North Andover	432	344	209	195	1,230
North Attleboro	26	220	1,562	3,362	5,670
Northboro	200	505	450	200	1,355
Northbridge	45	130	40	15	230
North Brookfield	115	370	35	0	570
Northfield	365	100	45	5	515
North Reading	140	100	60	100	400
Norton	0	175	1,375	4,260	5,810
Norwell	120	20	25	40	205
Norwood	0	50	160	215	425

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Oakham	165	775	175	50	1,165
Orange	40	70	0	0	110
Orleans	30	40	15	15	100
Oxford	90	140	0	0	230
Palmer	15	15	0	0	30
Paxton	75	200	45	0	320
Peabody	55	55	35	35	180
Pelham	4,050	1,825	1,200	1,650	3,725
Pembroke	1,600	1,700	1,400	500	5,200
Pepperell	0	5	35	65	105
Petersham	110	675	45	0	330
Phillipston	60	140	0	0	200
Plainville	15	35	679	1,171	1,900
Plymouth	1,300	1,200	1,800	350	5,150
Plympton	700	600	500	400	2,200
Prescott	110	575	25	0	710
Princeton	40	0	0	0	40
Provincetown	5	3	2	0	10
Quincy	0	150	700	2,000	2,850
Randolph	0	2	40	23	65
Raynham	105	365	335	3,152	4,457
Reading	7	5	2	1	15
Rehoboth	400	1,400	6,040	3,000	15,840
Rochester	700	500	400	100	1,700
Rockland	100	15	15	10	140
Rowley	270	195	90	50	605
Royalston	10	30	0	0	40
Russell	30	10	119	32	191
Rutland	25	30	0	0	105
Salisbury	20	15	5	0	40
Sandwich	200	200	300	100	300
Saugus	155	90	60	50	355
Seekonk	0	212	1,373	3,670	5,255
Sharon	190	900	1,740	3,770	6,600
Sherborn	0	175	250	1,525	1,950
Shirley	0	50	135	80	315
Shrewsbury	270	430	575	350	1,675
Shutesbury	4,100	1,635	900	650	7,335
Somerset	0	10	270	550	330
Southboro	190	325	200	75	790

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Southbridge	55	95	5	0	155
South Hadley	40	10	10	0	60
Southampton	20	10	15	0	45
Spencer	135	540	75	10	760
Sterling	15	10	40	90	155
Stoneham	3	2	0	0	5
Stoughton	0	70	2,915	4,425	7,410
Stow	0	0	70	175	245
Sturbridge	110	225	50	0	385
Sudbury	0	125	515	1,050	1,690
Sunderland	1,320	610	465	375	2,770
Sutton	140	475	200	75	890
Swansea	220	290	2,015	4,230	6,755
Taunton	115	445	2,035	4,472	7,067
Templeton	30	80	0	0	110
Tisbury	325	150	175	150	800
Topsfield	165	113	82	80	440
Townsend	0	10	50	15	75
Truro	150	125	125	50	450
Tyngsboro	40	35	20	10	105
Upton	240	1,000	535	100	1,875
Uxbridge	130	295	65	5	495
Walpole	0	742	1,950	3,000	5,692
Waltham	0	0	700	700	1,400
Wareham	1,350	1,300	1,400	850	4,900
Ware	90	300	45	15	450
Warren	20	65	0	0	85
Wayland	0	0	0	30	30
Webster	20	60	0	0	80
Wellesley	0	5	5	5	15
Wellfleet	550	650	750	550	2,500
Wendell	3,850	1,200	1,125	500	6,675
Wenham	70	25	30	25	150
Westboro	100	450	350	175	1,075
West Boylston	80	375	40	0	495
West Bridgewater	125	25	35	40	225
West Brookfield	135	580	45	15	775
Westford	365	270	130	90	855
Westminster	30	40	0	0	70
West Newbury	36	27	2	8	73

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

Towns showing definite acreages of defoliation. (continued)

Number of acres defoliated and the degree of defoliation in Massachusetts					
Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Weston	0	0	0	765	765
Westport	0	15	265	320	600
West Tisbury	250	225	100	75	650
Westwood	0	150	2,570	4,000	6,720
Weymouth	0	25	30	30	85
Whately	175	50	25	25	275
Whitman	200	100	125	175	600
Williamsburg	130	85	65	15	345
Winchendon	10	0	0	0	10
Woburn	20	5	5	0	30
Worcester	140	30	15	0	235
Wrentham	25	275	2,530	5,275	8,155
Yarmouth	100	75	60	50	285
Totals	67,439	71,417	105,399	149,353	393,613

MASSACHUSETTS - 1937

Data: Defoliation by the Gypsy Moth in Massachusetts, 1937.

In addition to reports showing definite defoliation, the following towns were reported as having very light or no Gypsy Moth feeding:

Agawam	Gosnold	Revere
Arlington	Granville	Rockport
Belmont	Hampden	Salem
Beverly	Hawley	Savoy
Blandford	Hull	Scituate
Brookline	Huntington	Shelburne
Buckland	Lawrence	Somerville
Cambridge	Leyden	Southwick
Chelsea	Longmeadow	Springfield
Chester	Lowell	Swampscott
Chicopee	Malden	Tewksbury
Colrain	Manchester	Wakefield
Conway	Marblehead	Wales
Easthampton	Medford	Warwick
East Longmeadow	Melrose	Watertown
Edgartown	Monson	Westfield
Essex	Nahant	West Springfield
Everett	Nantucket	Wilbraham
Gay Head	Needham	Wilmington
Gloucester	Newton	Winchester
Goshen	Oak Bluffs	Winthrop