

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
Preventing Spread of Moths

SUMMARY---GYPSY MOTH DEFOLIATION---1939

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

STATE	DEGREE OF DEFOLIATION				Total
	25%	50%	75%	100%	
MAINE	103,087	62,643	32,121	4,342	202,193
NEW HAMPSHIRE	53,930	43,131	30,832	8,879	136,772
VERMONT	1,775	1,740	1,420	376	5,311
MASSACHUSETTS	37,753	33,485	47,790	24,264	143,292
RHODE ISLAND	778	40	30	0	848
CONNECTICUT	295	780	1,390	1,759	4,224
TOTALS:	197,618	141,819	113,583	39,620	492,640

MASSACHUSETTS - 1939

Data: Defoliation by the Gypsy Moth in Massachusetts, 1939.

Reports have been received from 204 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	20	30	50	5	105
Acton	0	70	50	50	170
Acushnet	0	100	350	220	670
Amherst	65	30	25	0	120
Andover	118	83	55	44	300
Ashburnham	0	25	65	30	120
Ashby	0	25	95	15	135
Ashland	0	55	0	10	65
Athol	195	175	80	0	450
Avon	0	20	75	25	120
Ayer	0	10	40	0	50
Barnstable	1,500	2,000	1,500	400	5,400
Barre	45	0	0	0	45
Bedford	45	35	30	5	115
Belchertown	1,000	640	385	430	2,455
Berkley	0	5	5	0	10
Berlin	0	0	75	0	75
Bernardston	2,000	1,360	1,225	750	5,335
Beverly	57	41	29	18	145
Billerica	73	37	26	20	156
Bolton	0	35	85	45	165
Bourne	1,200	1,200	1,100	750	4,250
Boxboro	0	25	15	10	50
Boxford	10	10	0	0	20
Braintree	0	20	200	60	280
Brewster	1,000	1,000	1,500	1,500	5,000
Bridgewater	400	400	450	75	1,325
Brimfield	15	50	10	0	75
Brockton	25	25	25	25	100
Brookfield	10	15	0	0	25
Burlington	23	10	9	6	48
Canton	0	225	1,400	725	2,350
Carlisle	53	31	21	20	125
Carver	75	150	200	80	505

MASSACHUSETTS - 1939

Data: Defoliation by the Gypsy Moth in Massachusetts, 1939.

Towns showing definite acreages of defoliation (continued)..

Towns	Degree of defoliation				Total
	25%	50%	75%	100%	
Charlton	5	5	0	0	10
Chatham	100	100	175	125	500
Chelmsford	16	12	6	5	39
Chilmark	25	25	0	0	50
Clinton	0	0	25	0	25
Cohasset	25	25	0	0	50
Concord	0	10	55	30	95
Conway	60	40	30	20	150
Dartmouth	0	170	650	260	1,080
Deerfield	435	215	155	40	845
Dennis	1,000	1,000	1,000	1,200	4,200
Dighton	0	5	5	0	10
Dracut	12	5	2	0	19
Dunstable	0	0	25	0	25
Duxbury	100	125	125	50	400
East Bridgewater	100	150	150	75	475
Eastham	100	200	250	400	950
Easthampton	50	25	10	0	85
Easton	0	100	2,250	1,200	3,550
Erving	2,000	1,580	2,140	520	6,240
Essex	115	67	55	40	277
Fairhaven	0	125	400	150	675
Fall River	0	400	1,500	300	2,200
Falmouth	1,500	1,500	1,500	500	5,000
Fitchburg	0	10	105	35	150
Foxboro	0	10	310	60	380
Framingham	0	0	60	25	85
Freetown	0	50	200	65	315
Gardner	25	55	35	15	130
Gill	235	115	110	15	475
Gloucester	10	5	3	3	21
Granby	410	220	275	340	1,245
Greenfield	110	50	60	10	230
Groton	0	35	15	0	50

MASSACHUSETTS - 1939

Data: Defoliation by the Gypsy Moth in Massachusetts, 1939.

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%	
Hadley	100	20	65	5	190
Halifax	100	100	250	50	500
Hamilton	90	50	45	35	220
Hanover	5	0	0	0	5
Hanson	25	40	75	15	155
Hardwick	135	45	15	0	195
Harvard	0	35	75	35	145
Harwick	800	800	1,000	1,200	3,800
Hatfield	170	100	105	0	375
Haverhill	5	2	1	0	8
Hingham	30	30	20	0	80
Holbrook	0	10	130	10	150
Holland	15	10	0	0	25
Holliston	0	85	0	0	85
Holyoke	400	225	175	160	960
Hubbardston	95	50	35	0	180
Hudson	0	75	85	35	195
Ipswich	40	30	20	0	90
Kingston	100	100	0	0	200
Lakeville	200	200	400	100	900
Lancaster	0	0	55	40	95
Leominster	0	0	110	0	110
Leverett	330	240	90	75	735
Lexington	17	15	8	5	45
Leydon	250	80	85	60	435
Lincoln	0	10	155	60	225
Littleton	0	10	200	145	355
Ludlow	200	190	60	85	535
Lunenburg	0	0	120	30	150
Lynn	13	10	2	0	25
Lynnfield	20	14	8	6	48
Manchester	203	124	76	75	478
Mansfield	0	0	10	0	10
Marion	150	150	75	0	375

MASSACHUSETTS - 1939

Data: Defoliation by the Gypsy Moth in Massachusetts, 1939.

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%	
Marlboro	0	0	95	20	115
Marshfield	200	500	500	100	1,300
Mashpee	500	500	400	400	1,800
Mattapoissett	800	1,000	1,500	500	3,800
Maynard	0	0	10	15	25
Melrose	10	10	0	0	20
Methuen	15	8	5	2	30
Middleboro	500	500	900	125	2,025
Middleton	37	22	19	13	91
Milton	0	3	2	0	5
Montague	800	515	285	20	1,620
Montgomery	251	131	121	70	573
Natick	0	10	0	0	10
New Bedford	0	10	80	10	100
New Braintree	95	55	15	0	165
Newbury	47	27	16	7	97
New Salem	35	20	0	0	55
Northampton	600	330	175	85	1,190
North Andover	3	2	0	0	5
North Brookfield	10	25	0	0	35
Northfield	2,975	1,330	1,500	570	6,375
North Reading	50	20	15	10	95
Norton	0	20	60	20	100
Norwell	15	25	50	10	100
Norwood	0	5	50	10	65
Oakham	40	50	0	0	90
Orange	315	250	125	0	690
Orleans	400	400	800	400	2,000
Palmer	8	15	5	0	28
Peabody	30	16	11	2	59
Pelham	30	0	0	0	30
Pembroke	100	100	100	25	325
Pepperell	0	5	120	55	180
Petersham	10	0	0	0	10
Phillipston	50	20	15	0	85

MASSACHUSETTS - 1939

Data: Defoliation by the Gypsy Moth in Massachusetts, 1939.

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%	
Plainville	5	0	20	0	25
Plymouth	500	1,200	1,500	300	3,500
Plympton	50	100	100	50	300
Provincetown	25	35	40	25	125
Randolph	0	25	100	25	150
Raynham	0	400	1,800	1,100	3,300
Rehoboth	0	2	3	5	10
Rochester	100	100	75	25	300
Rockland	30	40	30	0	100
Rowley	36	18	6	5	65
Royalston	400	60	25	0	485
Russell	48	35	32	0	115
Rutland	65	40	25	0	130
Salisbury	232	105	58	40	435
Sandwich	1,500	2,000	2,000	1,000	6,500
Saugus	22	8	5	3	38
Sharon	0	0	85	15	100
Shelburne	105	65	40	0	210
Sherborn	0	100	40	0	140
Shirley	0	15	70	30	115
Shutesbury	300	180	75	0	555
Southbridge	30	15	0	0	45
South Hadley	235	115	80	55	485
Southampton	660	480	345	410	1,895
Sterling	0	0	65	125	190
Stoughton	0	200	1,600	1,200	3,000
Stow	0	30	10	0	40
Sturbridge	15	25	0	0	40
Sudbury	0	20	35	35	90
Swansea	0	5	10	0	15
Taunton	0	200	1,400	800	2,400
Templeton	70	25	40	0	135
Tewksbury	167	82	47	31	327
Tisbury	50	50	100	50	250
Topsfield	10	5	3	0	18

MASSACHUSETTS - 1939

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Towns showing definite acreages of defoliation (continued).

Number of acres defoliated and the degree of defoliation in Massachusetts.

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	25%	50%	75%	100%	
Townsend	0	25	45	30	100
Truro	200	300	700	800	2,000
Tyngsboro	40	26	10	4	80
Walpole	0	25	300	60	385
Waltham	0	0	75	40	115
Ware	270	80	30	0	380
Wereham	500	750	2,200	500	3,950
Warren	10	15	0	0	25
Warwick	80	60	15	0	155
Wayland	0	0	5	5	10
Wellfleet	300	300	600	600	1,800
Wendell	4,000	1,450	610	125	6,185
Wenham	62	45	33	25	165
West Bridgewater	75	75	75	100	325
West Brookfield	55	30	10	0	95
Westfield	110	50	15	10	185
Westford	61	34	25	20	140
Westhampton	105	60	45	100	310
West Newbury	21	10	11	10	52
Weston	0	20	40	25	85
Westport	0	0	30	20	50
West Tisbury	25	25	0	0	50
Weymouth	0	5	15	0	20
Whately	180	75	100	0	355
Whitman	0	10	5	0	15
Williamsburg	150	55	35	0	240
Wilmington	8	5	2	0	15
Winchendon	65	20	0	0	85
Wrentham	0	10	15	5	30
Yarmouth	1,000	1,000	1,500	1,000	4,500
Totals:	37,753	33,485	47,790	24,264	143,292

MASSACHUSETTS - 1939

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

Agawam	Dover	Leicester	Northbridge	Sutton
Amesbury	Dudley	Lowell	Oak Bluffs	Swampscott
Arlington	East Brookfield	Malden	Oxford	Upton
Ashfield	Edgartown	Marblehead	Paxton	Uxbridge
Attleboro	Enfield	Medfield	Prescott	Wakefield
Auburn	Everett	Medford	Princeton	Wales
Bellingham	Franklin	Medway	Quincy	Watertown
Belmont	Gay Head	Mendon	Reading	Webster
Blackstone	Georgetown	Merrimac	Revere	Wellesley
Blandford	Goshen	Milford	Rockport	Westboro
Boylston	Gosnold	Millbury	Salem	West Boylston
Brookline	Grafton	Millis	Scituate	Westminster
Buckland	Granville	Millville	Seekonk	West Springfield
Cambridge	Greenwich	Monson	Shrewsbury	Westwood
Chelsea	Groveland	Nahant	Somerset	Wilbraham
Chesterfield	Hampden	Nantucket	Somerville	Winchester
Chicopee	Holden	Needham	Southboro	Winthrop
Colrain	Hopedale	Newburyport	Southwick	Woburn
Dana	Hopkinton	Newton	Spencer	Worcester
Danvers	Hull	Norfolk	Springfield	
Dedham	Huntington	North Attleboro	Stoneham	
Douglas	Lawrence	Northboro	Sunderland	