

**HOUSE . . . . . No. 443**

**The Commonwealth of Massachusetts**

PRESENTED BY:

***Stephen Kulik***

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act authorizing the establishment of old growth forest reserves.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	DATE ADDED:
<i>Stephen Kulik</i>	<i>1st Franklin</i>	<i>1/18/2017</i>
<i>Denise Provost</i>	<i>27th Middlesex</i>	
<i>Frank I. Smizik</i>	<i>15th Norfolk</i>	
<i>Michael D. Brady</i>	<i>Second Plymouth and Bristol</i>	
<i>Byron Rushing</i>	<i>9th Suffolk</i>	
<i>Jonathan Hecht</i>	<i>29th Middlesex</i>	
<i>John W. Scibak</i>	<i>2nd Hampshire</i>	
<i>José F. Tosado</i>	<i>9th Hampden</i>	
<i>Smitty Pignatelli</i>	<i>4th Berkshire</i>	
<i>Peter V. Kocot</i>	<i>1st Hampshire</i>	
<i>Chris Walsh</i>	<i>6th Middlesex</i>	
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	
<i>Paul A. Schmid, III</i>	<i>8th Bristol</i>	
<i>Carlos González</i>	<i>10th Hampden</i>	
<i>Kathleen O'Connor Ives</i>	<i>First Essex</i>	

**HOUSE . . . . . No. 443**

By Mr. Kulik of Worthington, a petition (accompanied by bill, House, No. 443) of Stephen Kulik and others for legislation to establish old growth forest reserves in the Commonwealth. Environment, Natural Resources and Agriculture.

[SIMILAR MATTER FILED IN PREVIOUS SESSION  
SEE HOUSE, NO. 707 OF 2015-2016.]

**The Commonwealth of Massachusetts**

\_\_\_\_\_  
**In the One Hundred and Ninetieth General Court  
(2017-2018)**  
\_\_\_\_\_

An Act authorizing the establishment of old growth forest reserves.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 SECTION 1. Chapter 132 of the General Laws, as appearing in the 2012 Official Edition,  
2 is hereby amended by inserting after section 51 the following 3 sections:-

3 Section 52. For the purposes of Sections 52 to 54, inclusive, the following words shall  
4 have the following meanings:

5 “Buffer area”, an area on state-owned land immediately adjacent to an old growth forest  
6 that is of sufficient size and configuration, as determined by the secretary, for each old growth  
7 forest to protect the old growth forest from human activity and alteration and mitigate the effects  
8 of natural disturbances including, but not limited to wind, storms, fire, insect infestation, invasive  
9 species and disease.

10 “Old growth forest”, an area of contiguous forest on state-owned land that:  
11 (1) shows no evidence of significant human disturbance that originated on the site;  
12 (2) has a significant component of older trees that are greater than 50 percent of the  
13 maximum longevity for the particular species;  
14 (3) is at least 5 acres in size; and  
15 (4) has either: (i) the capacity for self-perpetuation; or (ii) the characteristics of a forest  
16 which are indicative of an old growth forest and which otherwise meets the criteria established  
17 by regulations of the secretary. Modification of this definition may be made by regulation to  
18 incorporate future scientific advances in the understanding of old growth forests.

19 “Old growth forest reserve”, forest area comprised of old growth forest and buffer area.

20 “Recommending party”, the commissioner of conservation and recreation or the  
21 commissioner of fish and game.

22 “Secretary”, the secretary of energy and environmental affairs.

23 “State-owned land”, forest land owned in fee by the commonwealth under the custody  
24 and control of the department of conservation and recreation or the department of fish and game.

25 “Existing Use”, any commercial or recreational project, facility, roadway, industrial or  
26 utility corridor, or the repair or future maintenance therein within its existing parameters:

27 (1) existing as of the date of enactment of this act, or

28 (2) approved under the Massachusetts Environmental Policy Act (“MEPA”) and where  
29 any required approvals and permits have been issued by state and federal agencies, as of the date  
30 of such enactment; provided such approvals or permits are valid and which if challenged in a  
31 timely judicial proceeding has been upheld by a final court order.

32 Section 53. (a) The secretary shall conduct an inventory of the forests on state-owned  
33 land to determine the extent and condition of old growth forest stands based on existing  
34 inventory data and assessments by the departments of conservation and recreation and the  
35 department of fish and game. The secretary shall direct such departments to conduct additional  
36 assessments and inventories as the secretary deems necessary. The preliminary identification of  
37 old growth forest stands should also include an estimate of necessary buffer areas, including an  
38 explanation of the rationale for the estimated size and shape of such buffer areas.

39 (b) The secretary may designate a reserve comprised of old growth forest, together with  
40 buffer areas, after the forest area has been presented by a recommending party to the secretary in  
41 accordance with regulations adopted by the secretary. In approving, rejecting or modifying a  
42 designation, the secretary shall consider:

43 (1) whether the area recommended is consistent with the definitions of old growth forest  
44 and buffer area;

45 (2) whether such designation is consistent with the ecological, historical, educational,  
46 cultural, economic, water supply, recreational and other public values of the area; and

47 (3) the role of the proposed area within a statewide old growth forest reserve system.

48 (c) If the recommended area appears to meet the definition of an old growth forest as set  
49 forth under this section and other criteria established by the secretary pursuant to this section, the  
50 secretary may designate it as an old-growth forest reserve after: (i) holding a public hearing  
51 within 180 days of the presentation to the secretary, to be held in the region where the the  
52 proposed old growth reserve is located; and (ii) consulting with elected officials of each town  
53 where the proposed old-growth reserve is located.

54 Section 54. (a) The secretary shall develop, in consultation with the recommending party  
55 and, if different, the administering agency, plans for the management and protection of old  
56 growth forest reserves. The secretary shall authorize the continuation of fishing and hunting in  
57 designated old growth forest reserves, unless prohibited by regulation. Notwithstanding the  
58 previous sentence, the administering agency, after such designation, may restrict or prohibit any  
59 activity of fishing and hunting if the agency determines the activity is not suitable for the  
60 protection and management of the old growth forest reserve. The secretary may also authorize the  
61 continuation of any existing use within the old growth forest reserve, provided such use does not  
62 significantly contribute to erosion or other harmful impacts on the forest resources. Upon a  
63 determination of the adequacy of a recommendation, the secretary shall establish a moratorium  
64 on any activity that is incompatible with the establishment of an old growth forest reserve at such  
65 location pending a final determination on designating such area an old growth forest reserve.

66 (b) The following uses and activities shall be prohibited within the boundaries of old  
67 growth forest reserves that have been designated by the secretary in accordance with the  
68 provisions under of section 53: (i) new commercial, industrial, roadway or utility development;  
69 (ii) new or expanded recreational facilities and uses involving physical impacts to vegetation or  
70 soils; and (iii) active timber management practices. Removal or alteration of vegetation and soils,

71 and collecting or harvesting of plants shall be prohibited except in connection with a scientific  
72 investigation or restoration program approved by the secretary. The prohibitions in this  
73 paragraph shall not apply to emergency personnel in the event of a medical or public safety  
74 emergency in an old growth forest reserve. The secretary may approve other exceptions to the  
75 prohibitions by issuing a written declaration of emergency in the event of a major accidental,  
76 human-induced disturbance, including without limitations in the event of the introduction of  
77 exotic invasive plants, disease or insects threatens the integrity of an old growth reserve; a public  
78 health, or public safety emergency and to protect the health and well-being of the surrounding  
79 public and private forests. The secretary shall restrict management of invasive plants, diseases or  
80 insects to activities that are essential to the maintenance of the natural characteristics of the old  
81 growth forest reserves, and shall condition such activities to minimize interference with the  
82 development and maintenance of natural old growth forest conditions without harming the health  
83 and well-being of the surrounding public and private forests.

84 (c) The secretary shall adopt regulations for the establishment and management of old  
85 growth forest reserves.

86 (d) Any person who violates this section or any regulation promulgated pursuant to this  
87 section shall be punished by a fine of not more than \$5,000 or by imprisonment in a house of  
88 correction for not more than 1 year or both such fine and imprisonment. Each day such violation  
89 occurs or continues shall be considered a separate violation.

90 (e) The superior court shall have jurisdiction to enjoin violations of, or to grant such  
91 additional relief as it deems necessary or appropriate to secure compliance with this section upon  
92 petition of the secretary or the attorney general.

93           SECTION 2. The secretary of energy and environmental affairs shall establish a research  
94 and education program to monitor the status of forests within old growth forest reserves and to  
95 promote understanding of old growth forest reserves.

96           SECTION 3. The secretary of energy and environmental affairs shall file a report with  
97 the joint committee on environment, natural resources and agriculture within 1 year after the  
98 effective date of this act identifying the results of the inventory, the regulations developed, and  
99 the progress made in designating old growth forest reserves and the preparation of management  
100 plans for old growth forest reserves pursuant to this act.