

110TH CONGRESS  
1ST SESSION

# S. 1694

To authorize resources for sustained research and analysis to address colony collapse disorder and the decline of North American pollinators.

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IN THE SENATE OF THE UNITED STATES

JUNE 26, 2007

Mrs. BOXER (for herself, Mr. THUNE, Mr. CASEY, Mrs. CLINTON, Mr. NELSON of Florida, Mr. MENENDEZ, Mr. DURBIN, Mr. BROWN, and Mr. KERRY) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

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## A BILL

To authorize resources for sustained research and analysis to address colony collapse disorder and the decline of North American pollinators.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

3       **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Pollinator Protection  
5       Act of 2007”.

6       **SEC. 2. FINDINGS.**

7       Congress finds that—

1           (1) many of the crops that humans and live-  
2 stock consume rely on pollinators for healthy  
3 growth;

4           (2) pollination by honey and native bees adds  
5 more than \$18,000,000,000 annually to the value of  
6 United States crops;

7           (3)  $\frac{1}{3}$  of the food supply of the United States  
8 depends on bee pollination, which makes the man-  
9 agement and protection of pollinators an issue of  
10 paramount importance to the security of the United  
11 States food supply system;

12           (4) colony collapse disorder is the name that  
13 has been given to the latest die-off of honey bee colo-  
14 nies, exacerbating the continual decline of pollinators  
15 in North America;

16           (5) honey bee colonies in more than 23 states  
17 have been affected by colony collapse disorder;

18           (6) if the current rate of decline continues, the  
19 United States will be forced to rely more heavily on  
20 imported foods, which will destabilize the food secu-  
21 rity of the United States through adverse affects on  
22 the availability, price, and quality of the many fruits,  
23 vegetables, and other products that depend on ani-  
24 mal pollination; and

1           (7) enhanced funding for research on honey  
2           bees, native bees, parasites, pathogens, toxins, and  
3           other environmental factors affecting bees and polli-  
4           nation of cultivated and wild plants will result in  
5           methods of response to colony collapse disorder and  
6           other factors causing the decline of pollinators in  
7           North America.

8 **SEC. 3. AUTHORIZATIONS OF APPROPRIATIONS.**

9           (a) AGRICULTURAL RESEARCH SERVICE.—There is  
10          authorized to be appropriated to the Secretary of Agri-  
11          culture, acting through the Agricultural Research Serv-  
12          ice—

13           (1) \$3,000,000 for each of fiscal years 2008  
14          through 2012, to be used for new personnel, facili-  
15          ties improvement, and additional research at Depart-  
16          ment of Agriculture Bee Research Laboratories;

17           (2) \$2,500,000 for each of fiscal years 2008  
18          and 2009, to be used for research on honey and na-  
19          tive bee physiology, insect pathology, insect chemical  
20          ecology, and honey and native bee toxicology at  
21          other Department of Agriculture facilities in New  
22          York, Florida, California, Utah, and Texas; and

23           (3) \$1,750,000 for each of fiscal years 2008  
24          through 2010, to be used for an area-wide research

1 program to identify causes and solutions for colony  
2 collapse disorder in affected States, of which—

3 (A) \$875,000 for each fiscal year shall be  
4 used to carry out the program at the bee lab-  
5 oratory of the Agricultural Research Service lo-  
6 cated in Beltsville, Maryland; and

7 (B) \$875,000 for each fiscal year shall be  
8 used to carry out the program at the bee lab-  
9 oratory of the Agricultural Research Service lo-  
10 cated in Tucson, Arizona.

11 (b) COOPERATIVE STATE RESEARCH, EDUCATION,  
12 AND EXTENSION SERVICE.—There is authorized to be ap-  
13 propriated to the Secretary of Agriculture, acting through  
14 the Cooperative State Research, Education, and Extension  
15 Service, \$10,000,000 for each of fiscal years 2008 through  
16 2012 to be used to fund Department of Agriculture exten-  
17 sion and research grants to investigate—

18 (1) honey bee biology, immunology, and ecology;

19 (2) honey bee genomics;

20 (3) honey bee bioinformatics;

21 (4) native bee crop pollination and habitat con-  
22 servation;

23 (5) native bee taxonomy and ecology;

24 (6) pollination biology;

1           (7) sublethal effects of insecticides, herbicides,  
2           and fungicides on honey bees, native pollinators, and  
3           other beneficial insects;

4           (8) the effects of genetically-modified crops, in-  
5           cluding the interaction of genetically-modified crops  
6           with honey bees and other native pollinators; and

7           (9) honey, bumble, and other native bee  
8           parasites and pathogens and effects on other native  
9           pollinators.

10          (c) ANIMAL AND PLANT HEALTH INSPECTION SERV-  
11   ICE.—There is authorized to be appropriated to the Sec-  
12   retary of Agriculture, acting through the Animal and  
13   Plant Health Inspection Service, \$2,250,000 for each of  
14   fiscal years 2008 through 2012 to conduct a nationwide  
15   honey bee pest and pathogen surveillance program.

16   **SEC. 4. ANNUAL REPORTS.**

17          The Secretary of Agriculture, acting through the Ag-  
18   ricultural Research Service and the Cooperative State Re-  
19   search, Education, and Extension Service, shall submit to  
20   the Committee on Agriculture of the House of Representa-  
21   tives and the Committee on Agriculture, Nutrition, and  
22   Forestry of the Senate a report on the status and progress  
23   of bee research projects that are carried out by the Sec-  
24   retary.

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