

Submitter: Kristina Lefever  
On Behalf Of:  
Committee: Joint Committee On Transportation  
Measure: HB3202

IN SUPPORT OF HB 3202

I am adding my name to many others asking you to vote yes vote for House Bill 3202, which can help curtail the damage done by light pollution to wildlife as well as human health.

Did you know that moths are responsible for a majority of pollination services? From Artificial light at night as a new threat to pollination, published 02 August 2017 in Nature:

"Here we show that artificial light at night disrupts nocturnal pollination networks and has negative consequences for plant reproductive success. In artificially illuminated plant–pollinator communities, nocturnal visits to plants were reduced by 62% compared to dark areas. Notably, this resulted in an overall 13% reduction in fruit set of a focal plant even though the plant also received numerous visits by diurnal pollinators. Furthermore, by merging diurnal and nocturnal pollination sub-networks, we show that the structure of these combined networks tends to facilitate the spread of the negative consequences of disrupted nocturnal pollination to daytime pollinator communities. Our findings demonstrate that artificial light at night is a threat to pollination and that the negative effects of artificial light at night on nocturnal pollination are predicted to propagate to the diurnal community, thereby aggravating the decline of the diurnal community."

<https://www.nature.com/articles/nature23288>

Behavioral and hormonal changes in animals due to over-illumination can have far-reaching effects on public health as well.

Many other states have taken such steps already. It's easier to protect our night skies while they're still here than to try to repair them after they are gone!

Please vote yes.  
Thank you.

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From:  
Kristina Lefever  
Jackson