

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

IN SUPPORT OF HB 3202

I am writing to ask that you please vote YES on H.B. 3202 (the Night Skies Protection bill) which seeks to mitigate the detrimental effects of light pollution on our environment.

Did you know that moths are major night pollinators and are impacted by light pollution? Please refer to this important study from Nature, published 02 August 2017:

""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>

Light pollution can disrupt carefully choreographed ecosystems including impacting animals' feeding habits, migration, and predator/prey relationships, and can have far-reaching effects on human health as well.

Oregon should follow the lead of other states that have already taken this step. 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.

From:
Kristina
Jackson