

Light and vision in an ecological context

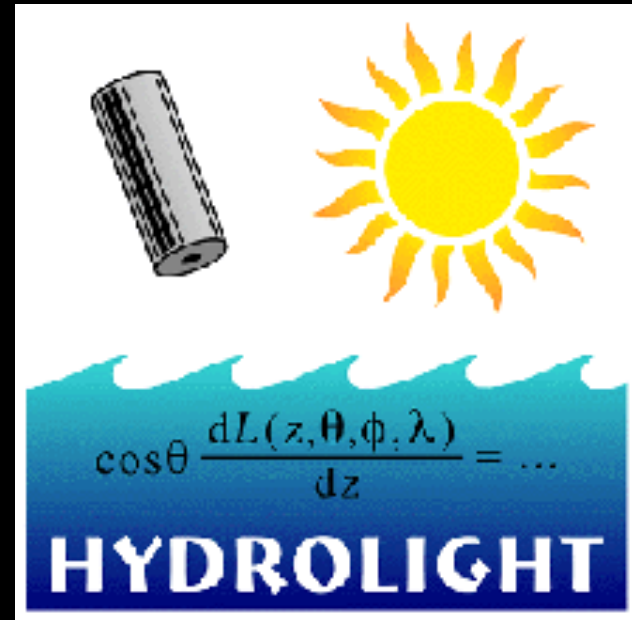
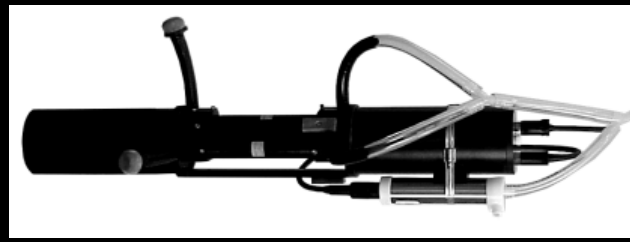
Jonathan Cohen

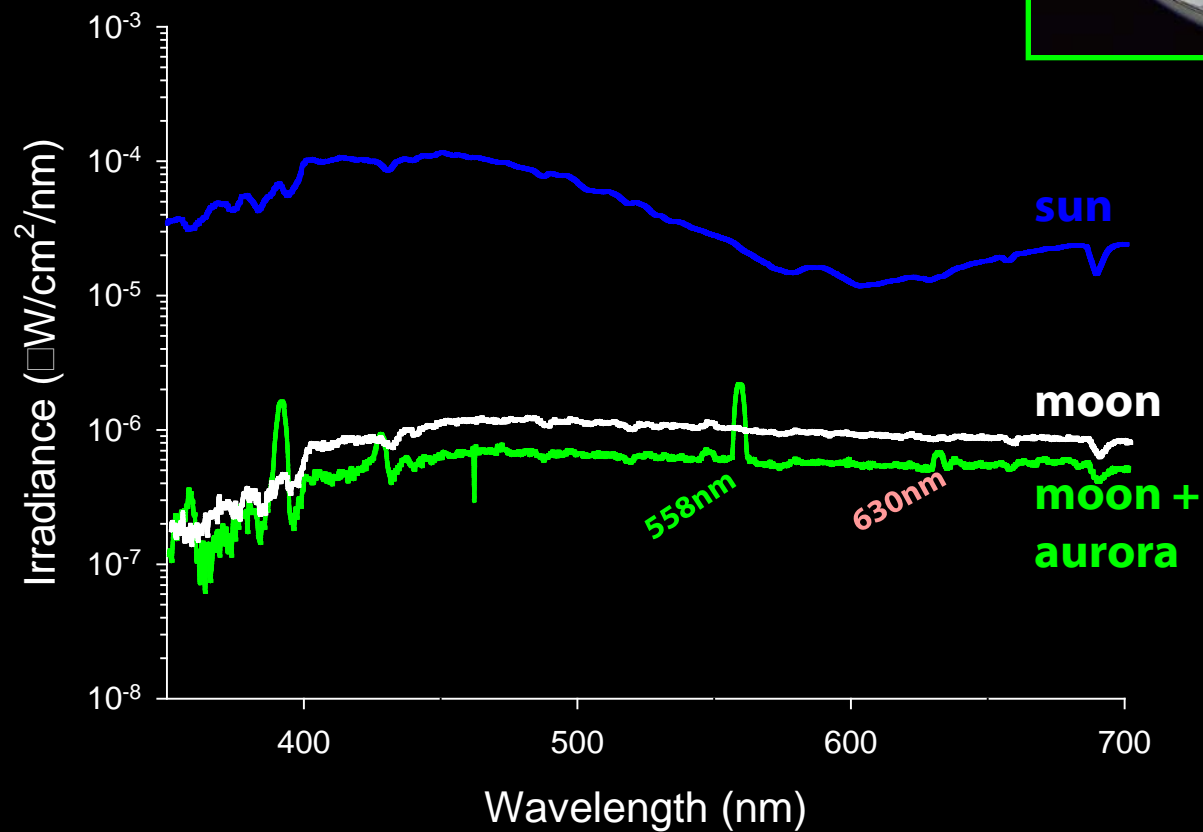
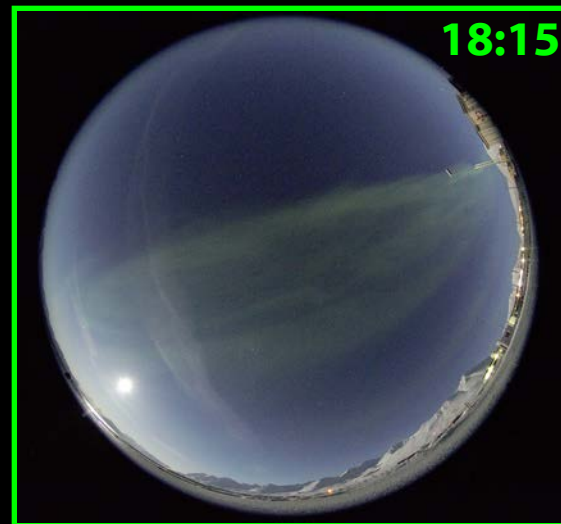
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Research Questions

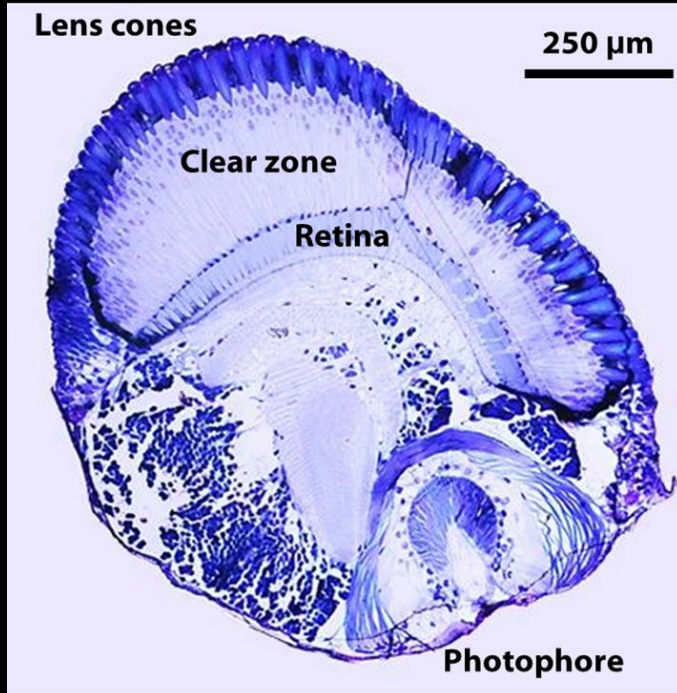
- Characterization of light fields
 - Atmospheric light inputs
 - In-water light fields
 - Bioluminescence
 - Polarized light
- Role of light in animal behavior and trophic ecology
- Sensory systems in a changing climate

Environmental optics

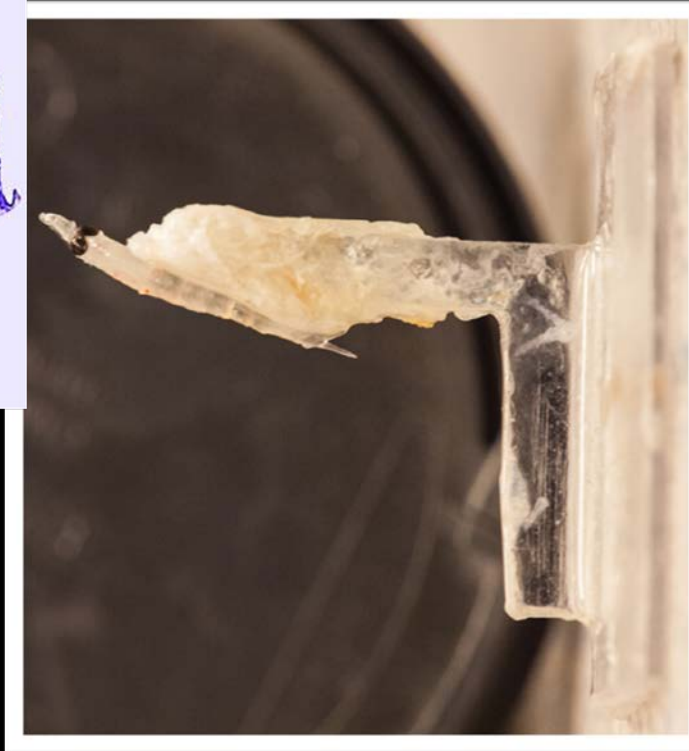




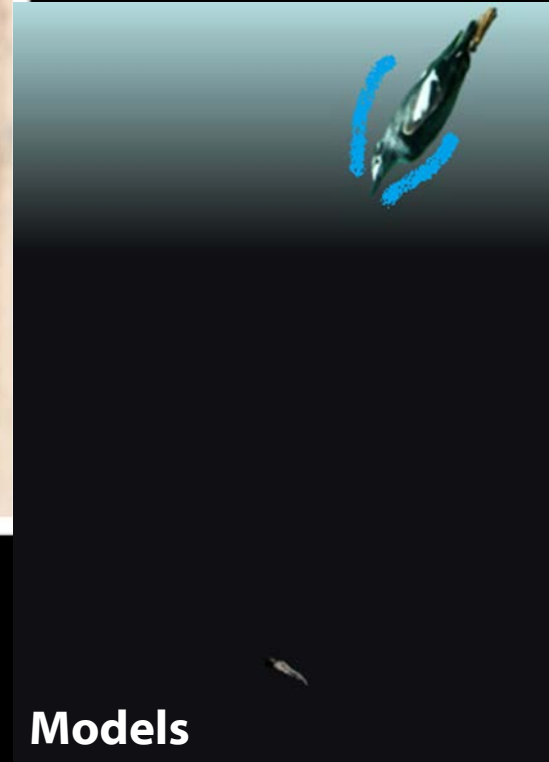
Light in an ecological context



Structure



Physiology / Behavior



Models