

Geographica National Geographic, Kiereny Galikov, video edit by Rhoton/Video







Pigmentation plasticity

Background matching is the process of finding a background image that matches the color and texture of the background in a scene. This can be done by comparing the color histograms of the background and foreground regions, or by using more advanced techniques such as optical flow or feature matching. Once a matching background is found, it can be used to create a composite image where the background of the original scene is replaced by the matching background. This can be useful for creating a more consistent look across multiple frames of a video, or for creating a virtual studio set.







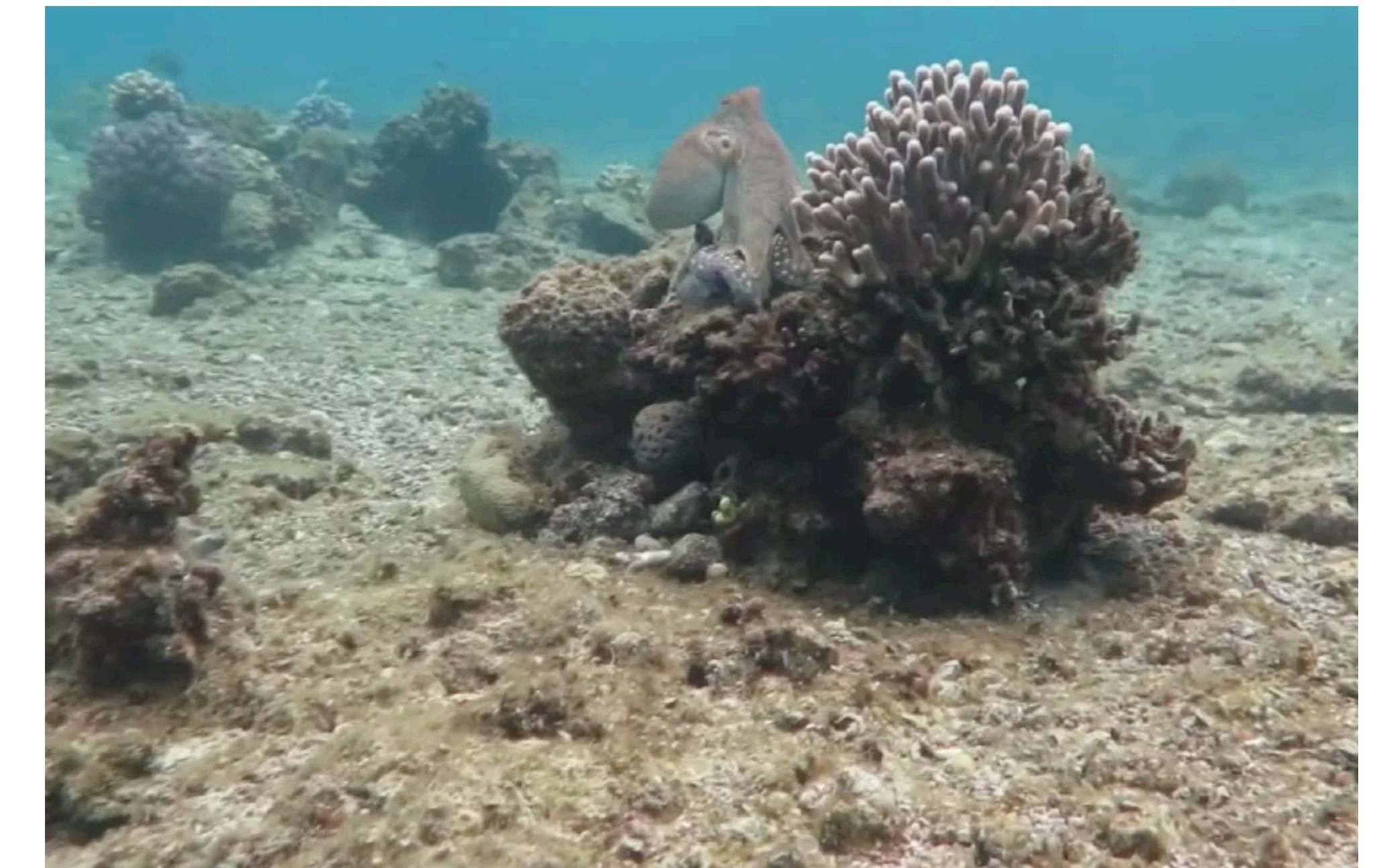






Crypsis through Background matching

Pigmentation plasticity



Pigmentation plasticity in amphibians



Non-breeding male



Breeding male



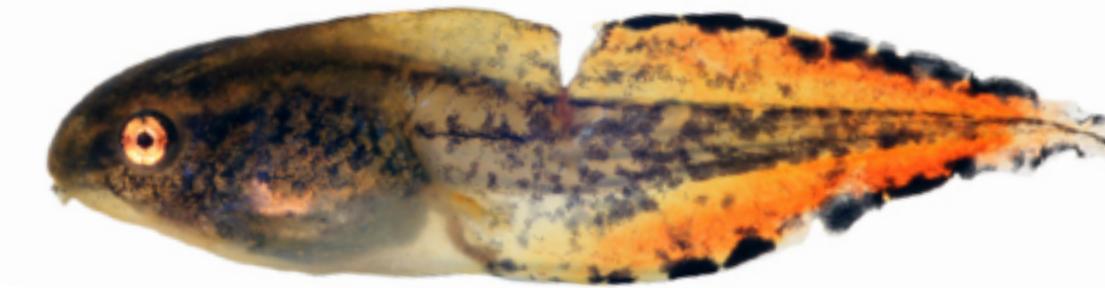
Night



Day



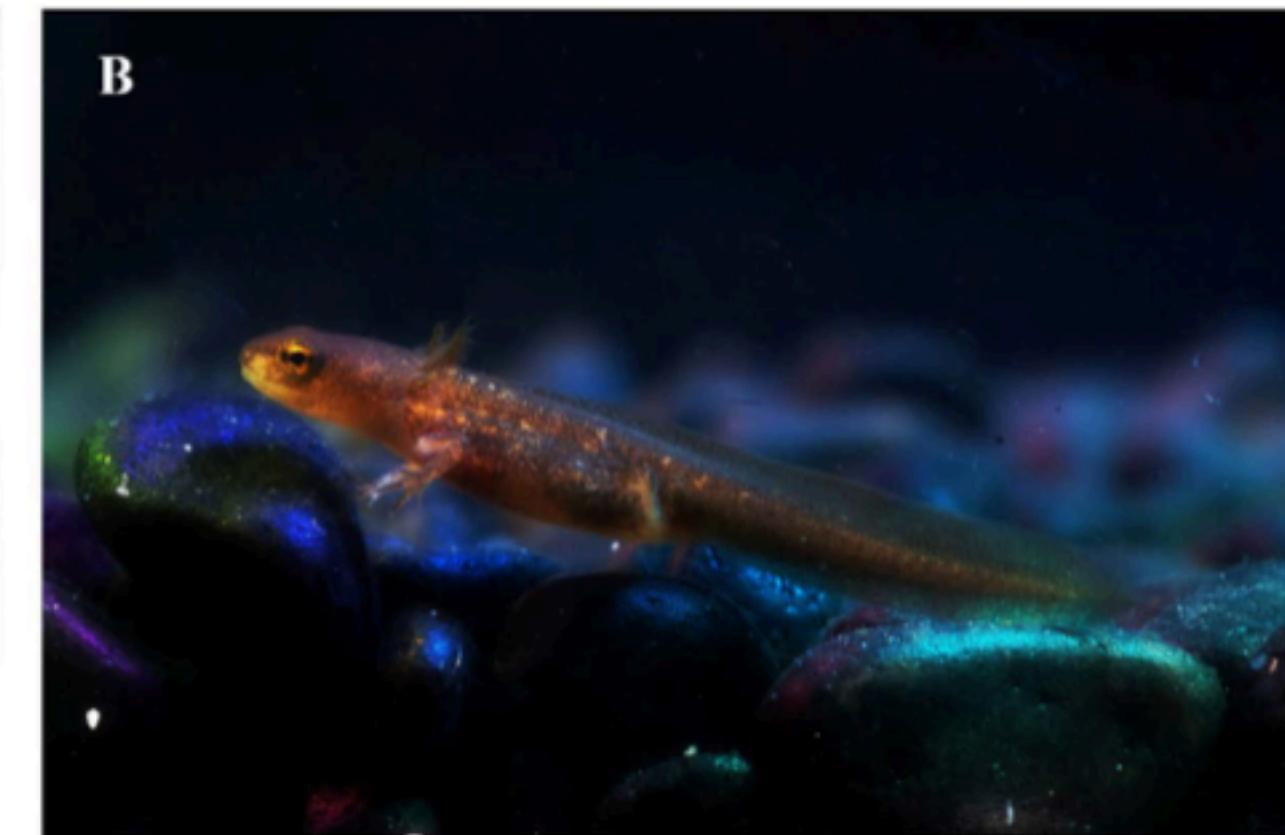
No predators



Predators



Light background



Dark background