



Marine Science in WA 2010 Show-&-Tell

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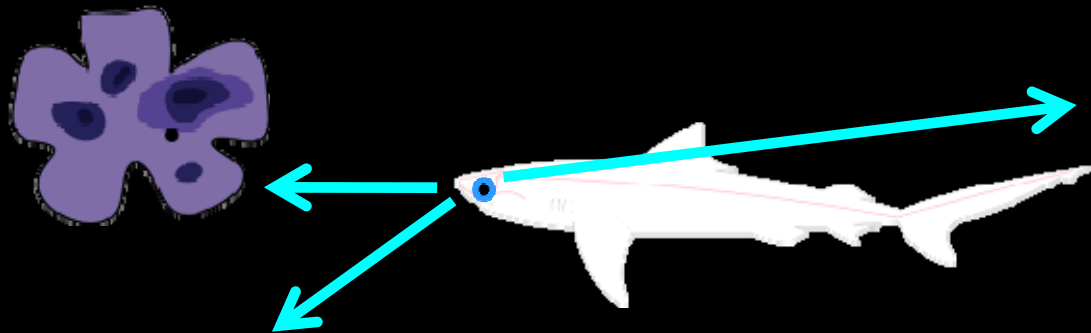
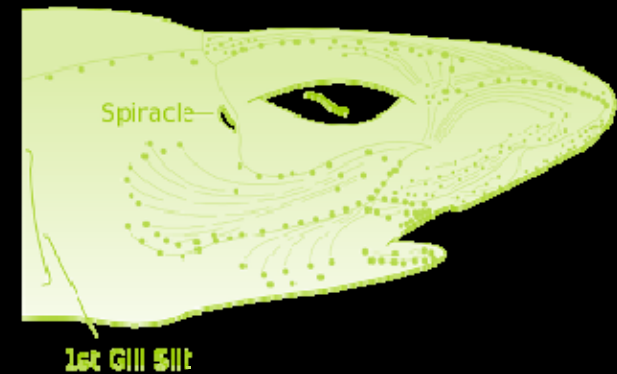
Supervisor: Shaun Colin & Justin Marshall

Newsflash title: Deep-sea sharks comprise a large proportion of the by-catch of deep-water fisheries worldwide



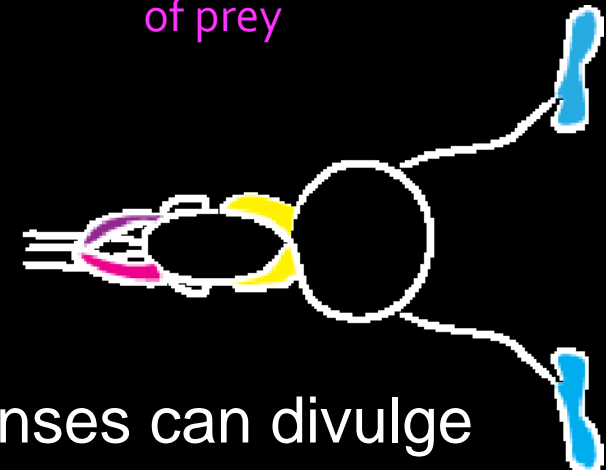
Deep-sea sharks comprise a large proportion of the by-catch of deep-water fisheries worldwide

The electrosensory system in elasmobranchs detects electrical fields emitted by biological organisms as well as assisting the animal in orientation and navigation



The visual system plays a pivotal role in the survival of these fish as it aids in the detection and capture of prey

Peripheral sensory components are limited by brain processing capabilities



This project aims to explore the way senses can divulge information about deep-sea shark ecology