An encounter between a pelagic shark and giant cephalopod

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Abstract
An oceanic whitetip shark (Carcharhinus longimanus) was observed off the coast of Kona, Hawaii, with scars caused by the tentacles of a large cephalopod. While the exact species could not be confirmed, candidate species include the giant squid (Architeuthis dux) or species from the genera Thysanoteuthis (flying squids) and Megalocranchia (glass squids). Telemetry shows C. longimanus will dive within the mesopelagic zone and may interact with or even forage for large cephalopods.

KEYWORDS
giant squid, oceanic whitetip shark, open ocean
these interactions may represent an additional connection between surface, meso- and epipelagic communities.

ETHICAL STATEMENT
This study was based on opportunistic photographs taken of wild animals in the field, without interaction, therefore no animal care protocols were used.

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CONTRIBUTIONS
Y.P.P. wrote the manuscript with input from all authors. D.V. made the field observations. M.H. provided satellite telemetry data. H.B.G. provided cephalopod identification.

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