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Salish Sea Ecosystem Conference

2022 Salish Sea Ecosystem Conference (Online)

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Characterization of Northern Resident killer whale (Orcinus orca) call types and source levels during beach rubbing

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Bouvier, Madeleine, "Characterization of Northern Resident killer whale (Orcinus orca) call types and source levels during beach rubbing" (2022). *Salish Sea Ecosystem Conference*. 163. https://cedar.wwu.edu/ssec/2022ssec/allsessions/163

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- (NRKW) critical habitat.
- of NRKW behaviours.





• 20 beach rubbing events were recorded, with a

significantly higher than the ANLs at the beach within RBMBER (average 10.64 dB difference).

• Lack of call variation between beaches supports previous studies showing that they vary more

beach outside RBMBER could result in complete

• Further studies on other environmental factors