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Reproductive biology and behavioral ecology of Skuas (*Catharacta lonnbergi* and *C. maccormicki*) in Keller Peninsula, Admiralty Bay, King George Island, Antarctic.

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The main objective of this project is understand the reproductive biology and behavioral ecology of two species of Skuas that breeding in Keller Peninsula, near Brazilian Antarctic Station Comandante Ferraz. The project will have a duration of two years (starting in April 2007 to March 2009) and the collection of data will occur during two expeditions of 30 days each (dez/2007-jan/2008; dez/2008-jan/2009). This exploratory study will involve: capturing, marking and taking morphometric measurements of adults and chicks; monitoring reproduction and chicks to determine survival and growth rate; morphometry of eggs; blood sampling to estimate genetic variability and extra-pair fertilization; determining sex ratio of broods; estimating male/female parental investment; establishing whether and how brood reduction occurs. The observations in field will be associated with genetic studies.