

Bird and seal observations at Joinville Island and offshore islands

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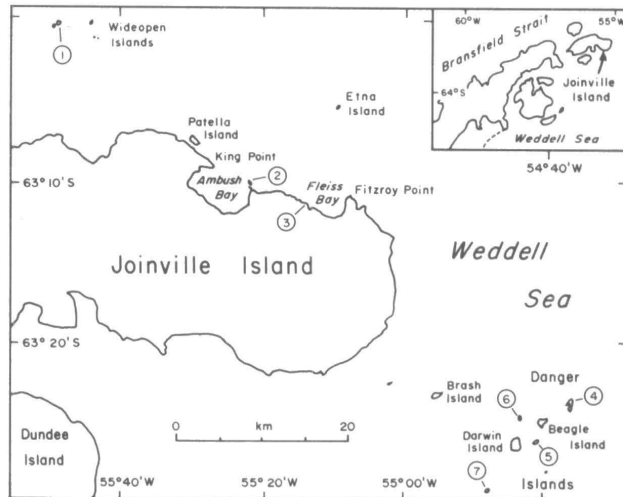
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During R/V *Hero* cruise 78-1B, February 1978, landings were made at a number of places on eastern Joinville Island

(63° 15' S, 55° 45' W.) and the offshore islands to the north and east (map). The breeding colonies observed are listed in the table.

No attempt was made to estimate numbers of birds or the density of nests. Adélies are particularly numerous on Patella Island, on the promontories and islands on the east side of Ambush Bay, and on those Danger Islands that were visited (except for Darwin, which has very steep sides). It is likely



Locality map for Joinville Island and offshore islands where observations were made. Numbered localities correspond to numbers in the table. The inset map shows the position of Joinville Island (largest of the three islands at the upper right corner of the inset).

Locality ^a	Species	Remarks
Wideopen Islands (1) ^b	Adélie chinstraps cape pigeons	Common Less common than Adélie A few on the cliffs
Patella Island	Adélie gentoos cape pigeons sheathbills	Numerous and look as if they are spreading onto the high slopes facing NE. Few in number A few observed on cliffs Very few nests seen, but birds seemed quite numerous for sheathbills
King Point	Adélie	A single nest, on the north shore, with one chick that had completed its moult
East side of Ambush Bay (2)	Adélie	Everywhere possible
West side of Fleiss Bay (3)	Antarctic terns gentoos	Unhatched eggs and newly hatched birds Two observed, but no nest positively identified
Fitzroy Point	gentoos	Small number of birds
Etna Island	Adélie cape pigeons Antarctic terns	A small number A few on the cliffs A few
Brash Island	sheathbills Adélie	A few Numerous
Danger Islands (4)	Adélie	Numerous
Danger Islands (5)	Adélie	Numerous
Danger Islands (6)	Adélie	Everywhere possible
Beagle Island	Adélie	Common on lower slopes.

^aSee accompanying map.

^bNumbers in parentheses correspond to circled numbers on map.

that Adélie also nest on the unvisited island numbered (7) on the map. For comparison, where Adélie are listed in the table as "everywhere possible" or "numerous," the concentration is about the same as that observed on the most southern point of Powell Island, or on Graptolite Island, both in the South Orkneys; where "numerous," the proportion of ground covered by nesting birds is much greater than on Torgersen Island, near Palmer Station.

Fur seals in small numbers were noted on Patella Island and Fitzroy Point, and elephant seals also were seen at Patella Island. Weddell seals were by far the most common at all localities in the Joinville area; however, not one crabeater was positively identified.

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