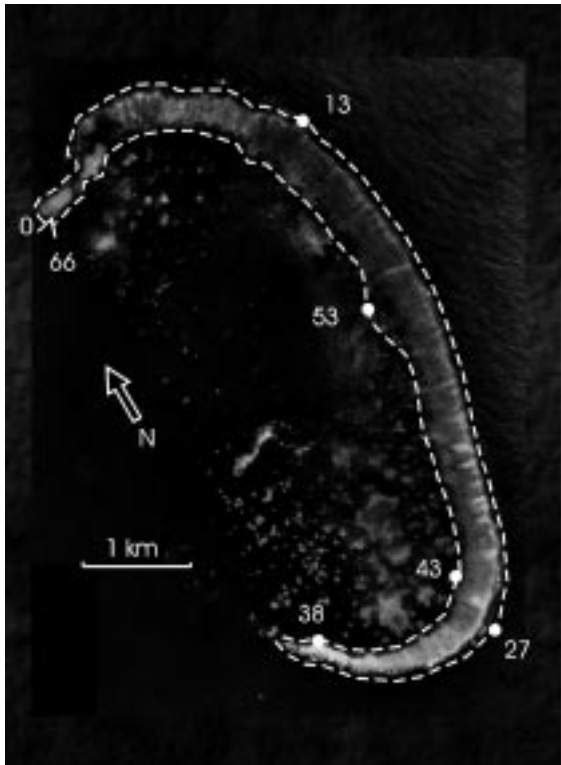


Cape Upstart Reef Pages

Figure 5.80

Bowden



Bowden (No. 19-019) is a middle shelf crescentic reef with an area of 9.4 sq.km. Last surveyed May 1998.

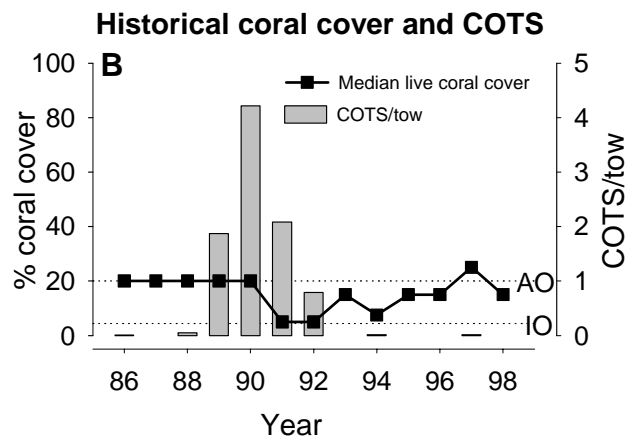
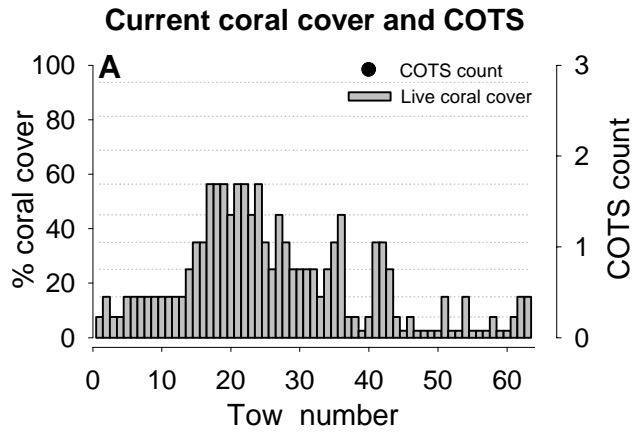
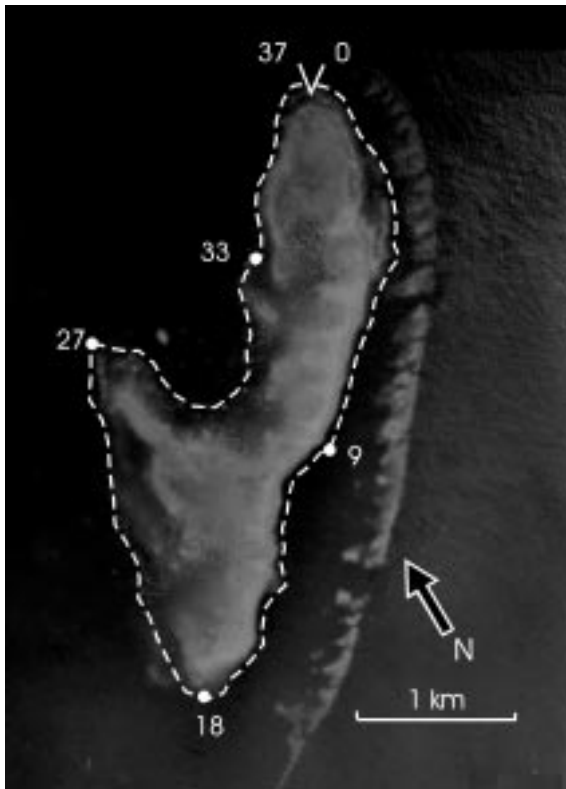


Figure 5.81

Elizabeth



Elizabeth (No. 19-082) is a middle shelf crescentic reef with an area of 7.5 sq.km. Last surveyed April 1998.

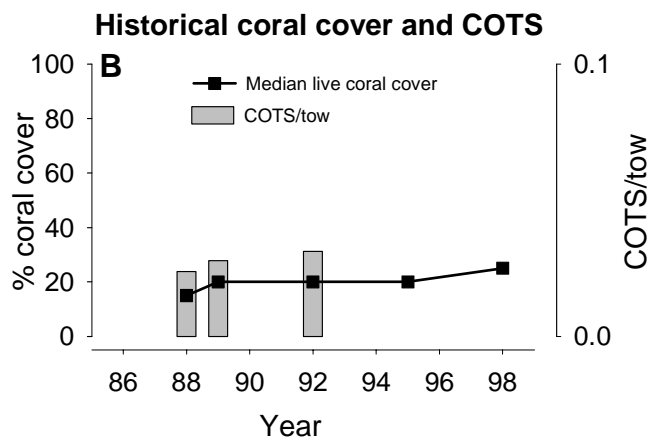
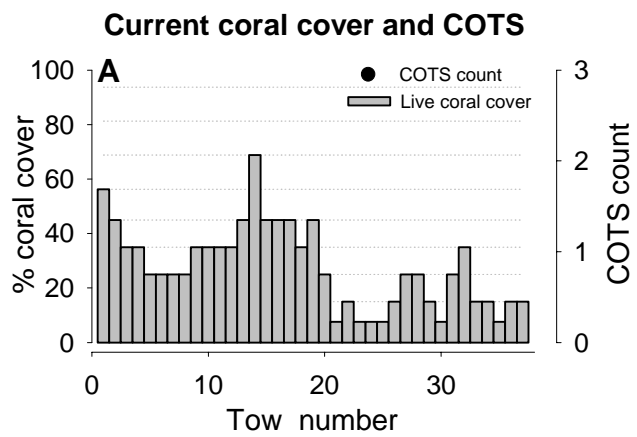
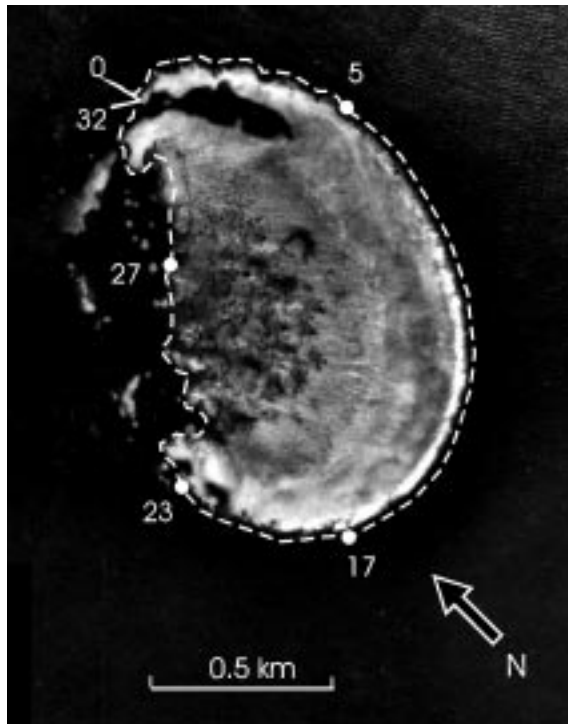
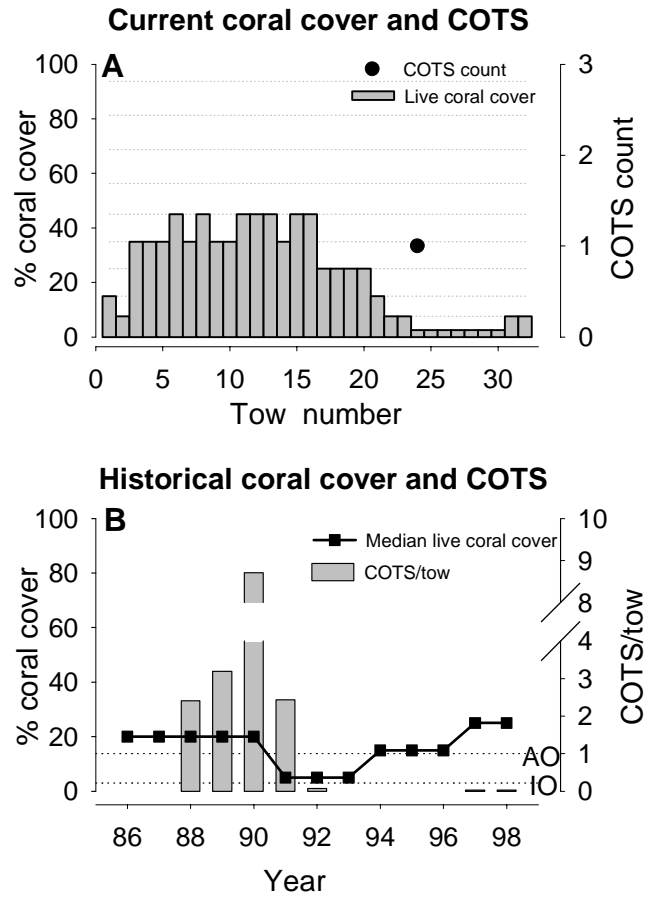


Figure 5.82

Faith



Faith (No. 19-044) is a middle shelf crescentic reef with an area of 3.8 sq.km. Last surveyed April 1998.



Bowden

This reef has been surveyed extensively since 1986. During this time COTS populations initially rose spectacularly resulting in the reef being classified as an Active Outbreak from 1989 through to 1991. Coral cover decreased over this time. With the disappearance of large COTS numbers on this reef coral cover has subsequently begun to increase. Coral cover is currently at moderate levels and the reef is classified as Recovering.

Elizabeth

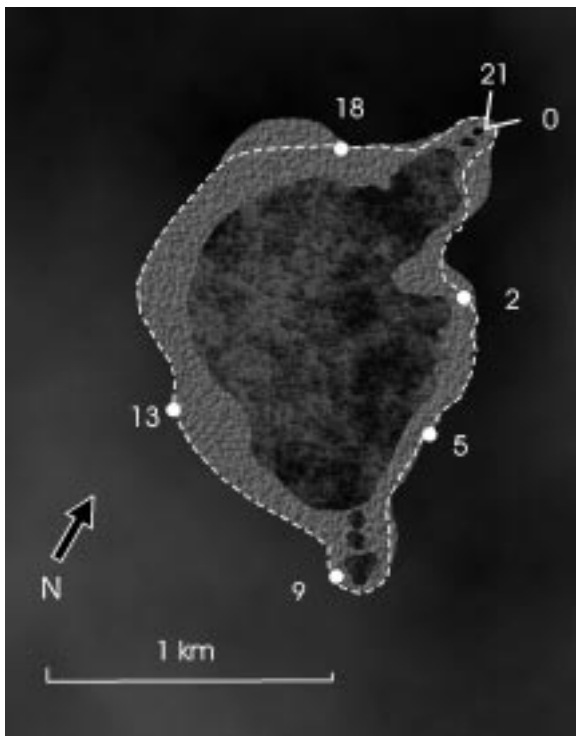
This reef has been surveyed five times since 1988. Although COTS were observed in the initial years of survey they were in numbers not considered large enough to cause significant coral mortality. Coral cover appears to have steadily increased over the period of sampling to the present moderate level. This reef is currently classified as Non-Outbreaking.

Faith

This reef has been surveyed extensively since 1986. COTS were not recorded until the third year of survey when they appeared in extremely high numbers. COTS populations subsequently increased, peaking in 1990 before declining. In line with the COTS outbreak, coral cover declined on this reef from moderate to low levels. Coral cover on this reef has increased with the disappearance of COTS during the nineties and is currently at the moderate levels recorded before the outbreak. Although COTS have been observed on this reef in recent surveys, they are not presently in numbers considered large enough to cause significant coral mortality and the reef is classified as Non-Outbreaking.

Figure 5.83

Holbourne Island



Holbourne Island (No. 19-103) is an inner shelf fringing reef surrounding a high continental island. The reef has an area of 1.2 sq.km. Last surveyed April 1998.

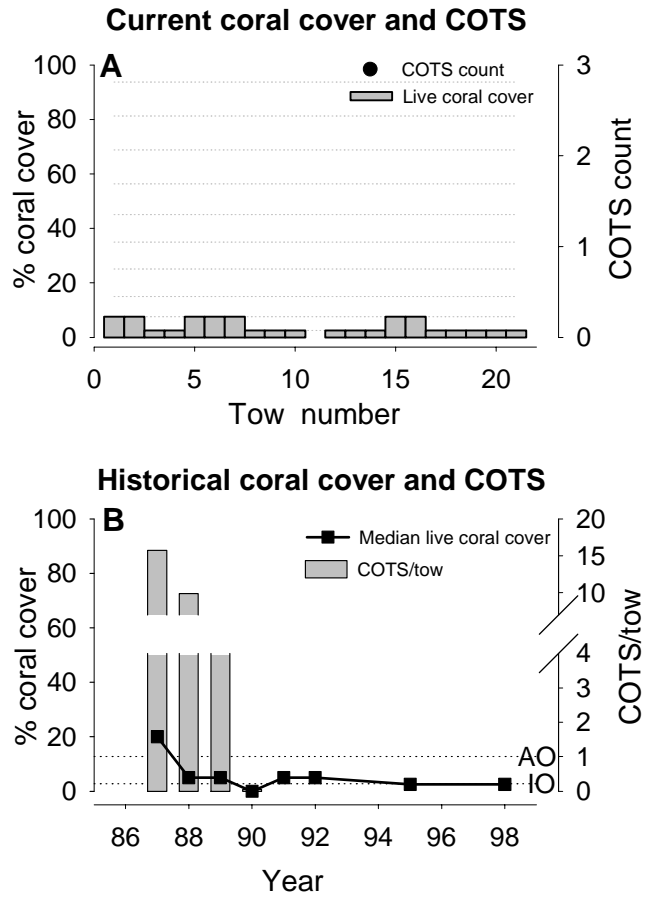
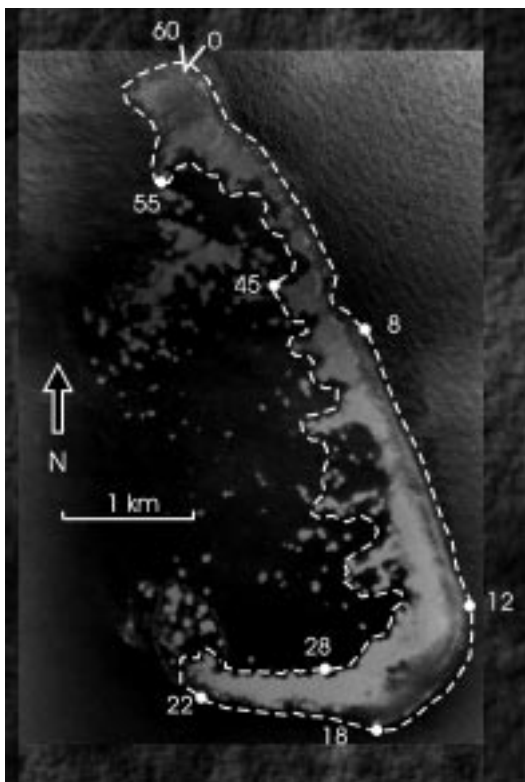


Figure 5.84

Jacqueline



Jacqueline (No. 19-061) is an outer shelf crescentic reef with an area of 6.2 sq.km. Last surveyed April 1998.

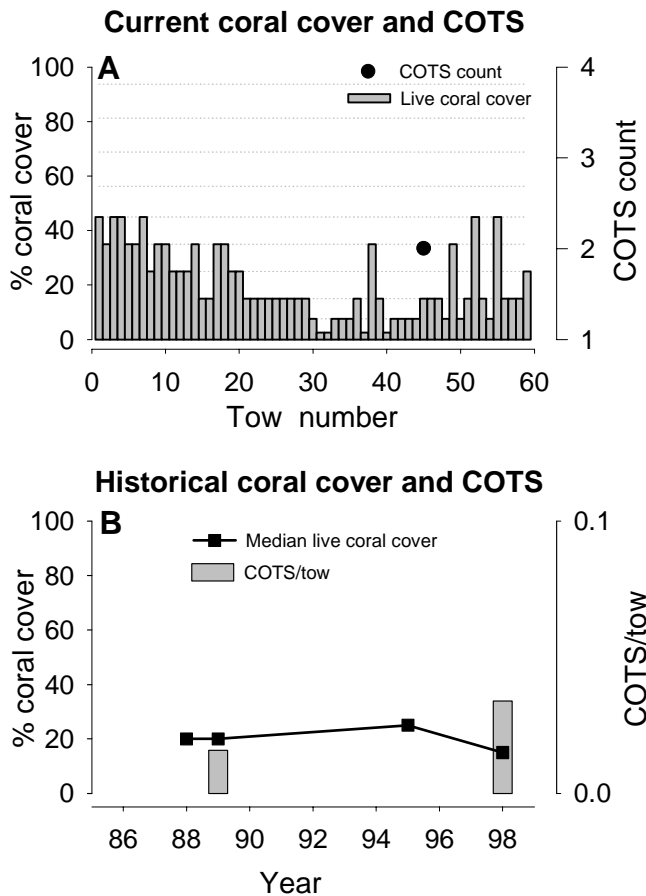
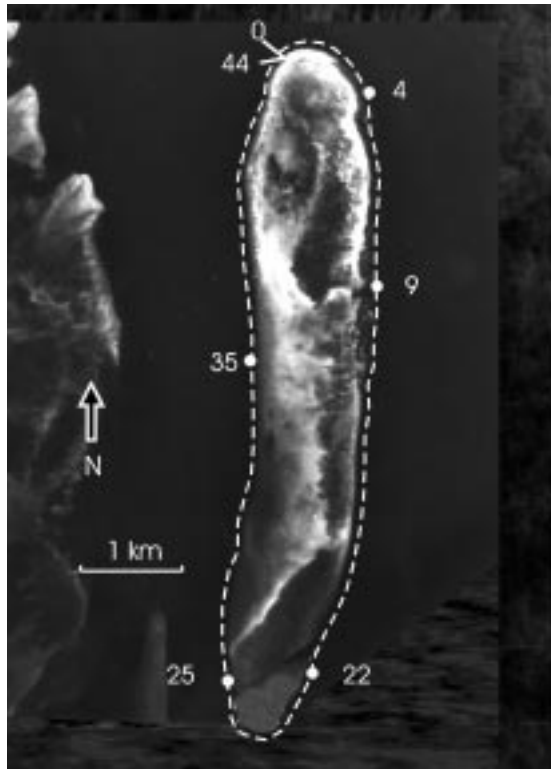
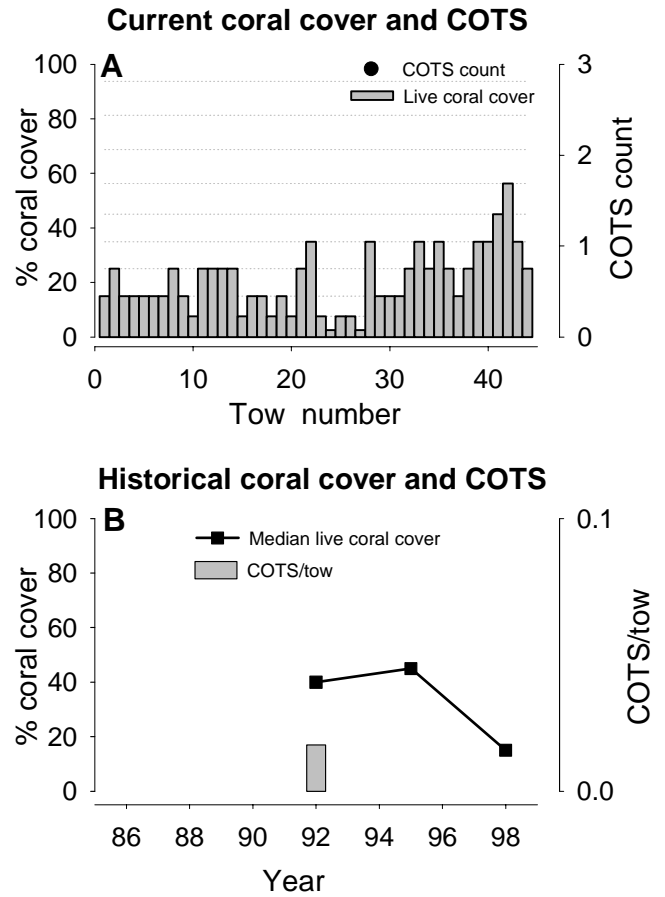


Figure 5.85

Reef No. 19-098



Reef No. 19-098 is a middle shelf lagoonal reef with an area of 5 sq.km. Last surveyed April 1998.



Holbourne Island

This reef has been surveyed extensively since 1987. The initial year of survey revealed extremely high COTS populations and was classified as an Active Outbreak. COTS populations and coral cover subsequently declined on this reef. Coral cover has remained low since 1990 and shows few signs of recovery. Consequently, this reef remains classified as recovering from COTS.

Jacqueline

This reef has been surveyed four times since 1988. Although COTS were observed in the initial years of survey and again in 1998 they were in numbers not considered large enough to cause significant coral mortality. Coral cover appears to have remained stable at a moderate level over the period of sampling. This reef is currently classified as Non-Outbreaking.

Reef No. 19-098

This reef has only been surveyed three times since 1992. Although COTS were observed on this reef in the initial year of survey they were observed in numbers too low to cause significant coral mortality. Interestingly, there was an appreciable drop in coral cover on this reef from a high level in 1995 to the present moderate level. This is probably a result of the effects of Cyclone Justin which influenced reefs in this area in March 1997. Reef 19-098 is currently classified as Non-Outbreaking.