

**FIGURE 1. MAP OF PART OF THE CENTRAL SECTION OF THE GBR
SHOWING THE POSITION OF THE STUDY REEFS.**

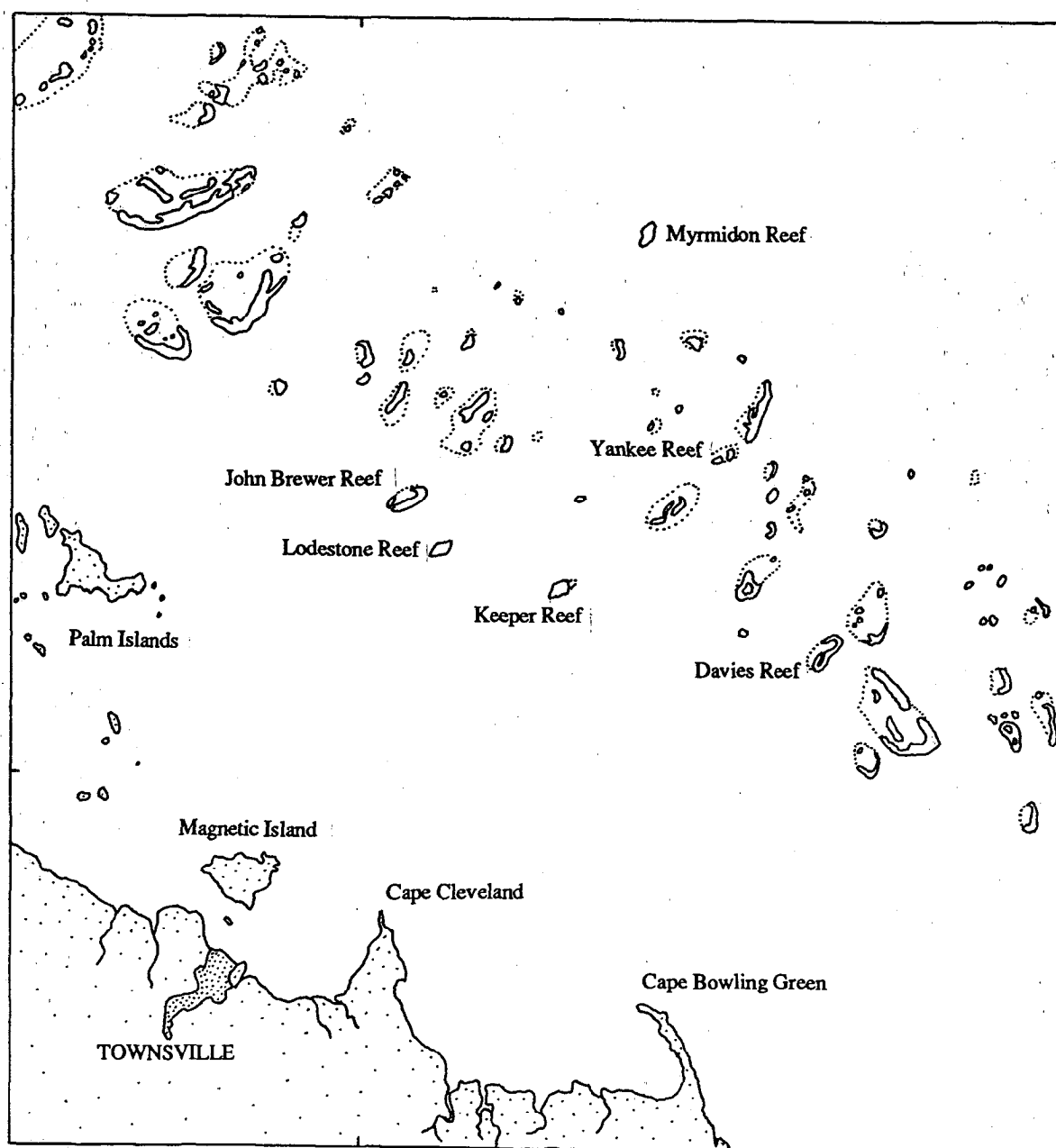


FIGURE 2. PATTERNS OF ACANTHASTER DENSITY FROM 1982-1989 ON THE BACK SLOPE OF THE STUDY REEFS

Density from ten 50 x 20m replicate counts. Counts were not made during the Sept. 1982 suvey but no *Acanthaster* were seen during intensive diving on several back reef sites on each reef.

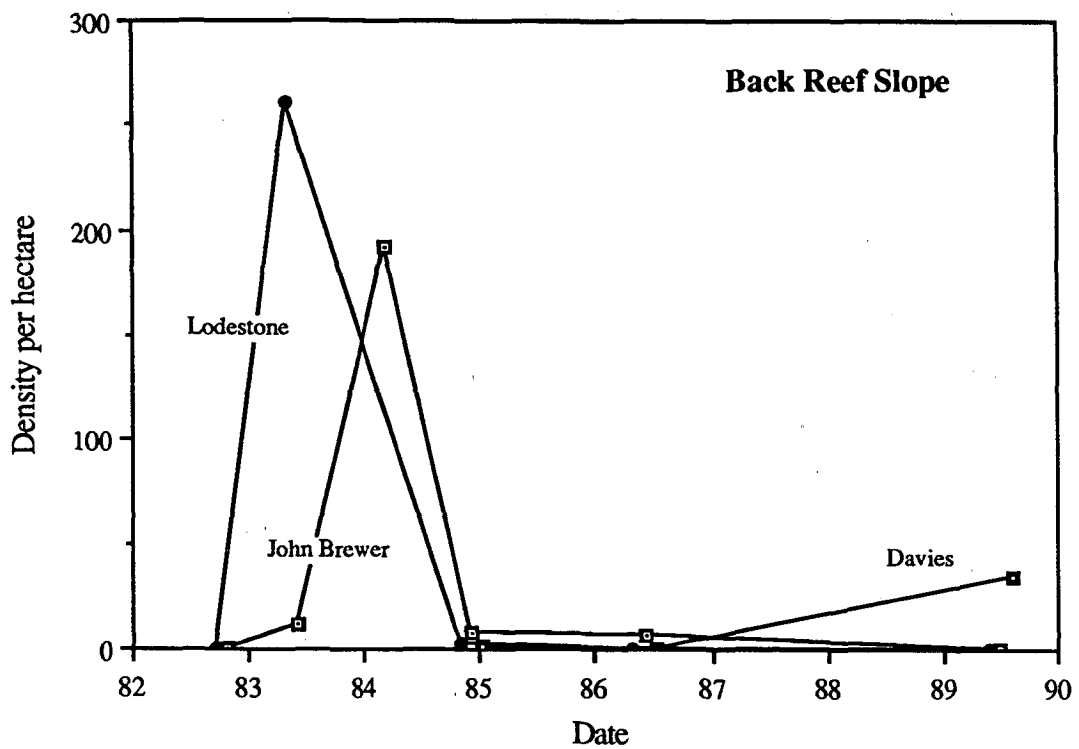


FIGURE 3. CHANGES THROUGH TIME IN THE DENSITY OF THE CORAL TROUT *PLECTROPOMUS LEOPARDUS* ON THE STUDY REEFS

Mean density from ten 50 x 20m replicate counts converted to number per hectare. Error bars show 95% confidence limits for the means.

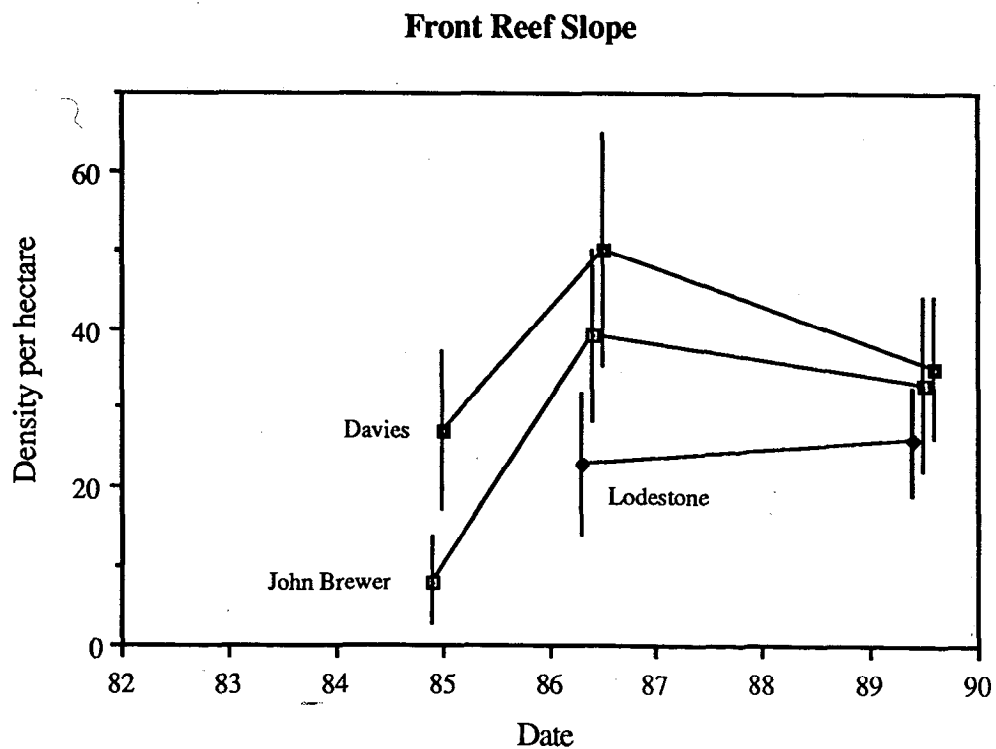
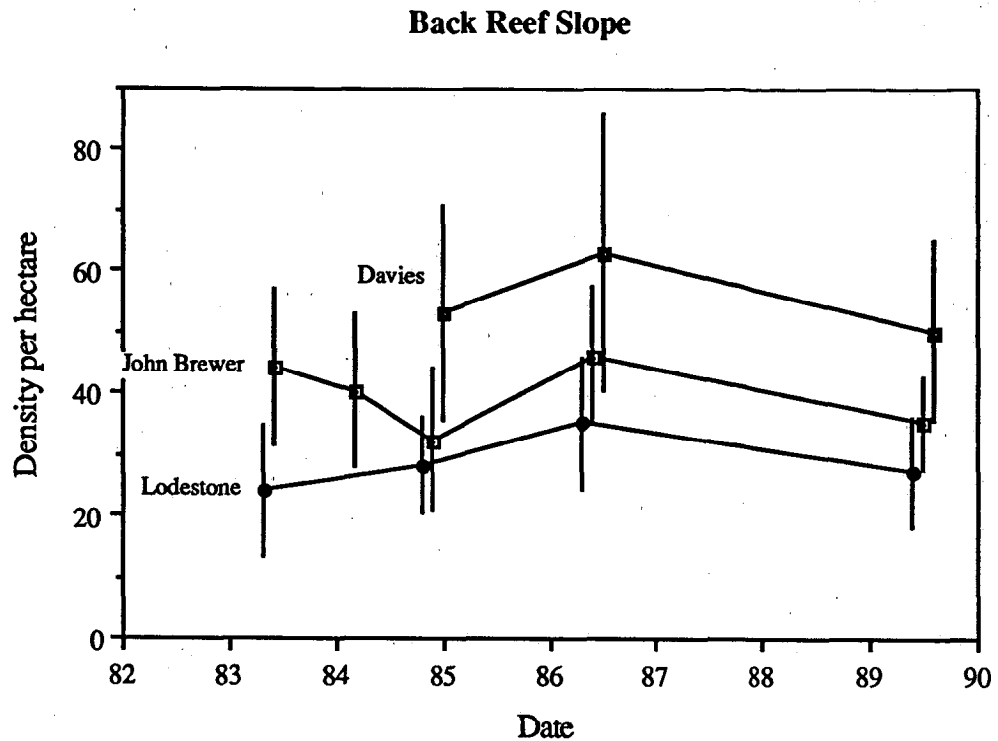


FIGURE 4. LENGTH FREQUENCIES FOR *PLECTROPOMUS LEOPARDUS* ON THE BACK SLOPE OF THE STUDY REEFS

Histograms show comparisons of length frequencies for mid-year surveys only: May 1983 (John Brewer and Lodestone only); May 1986; and June 1989. X axis shows 5cm length classes.

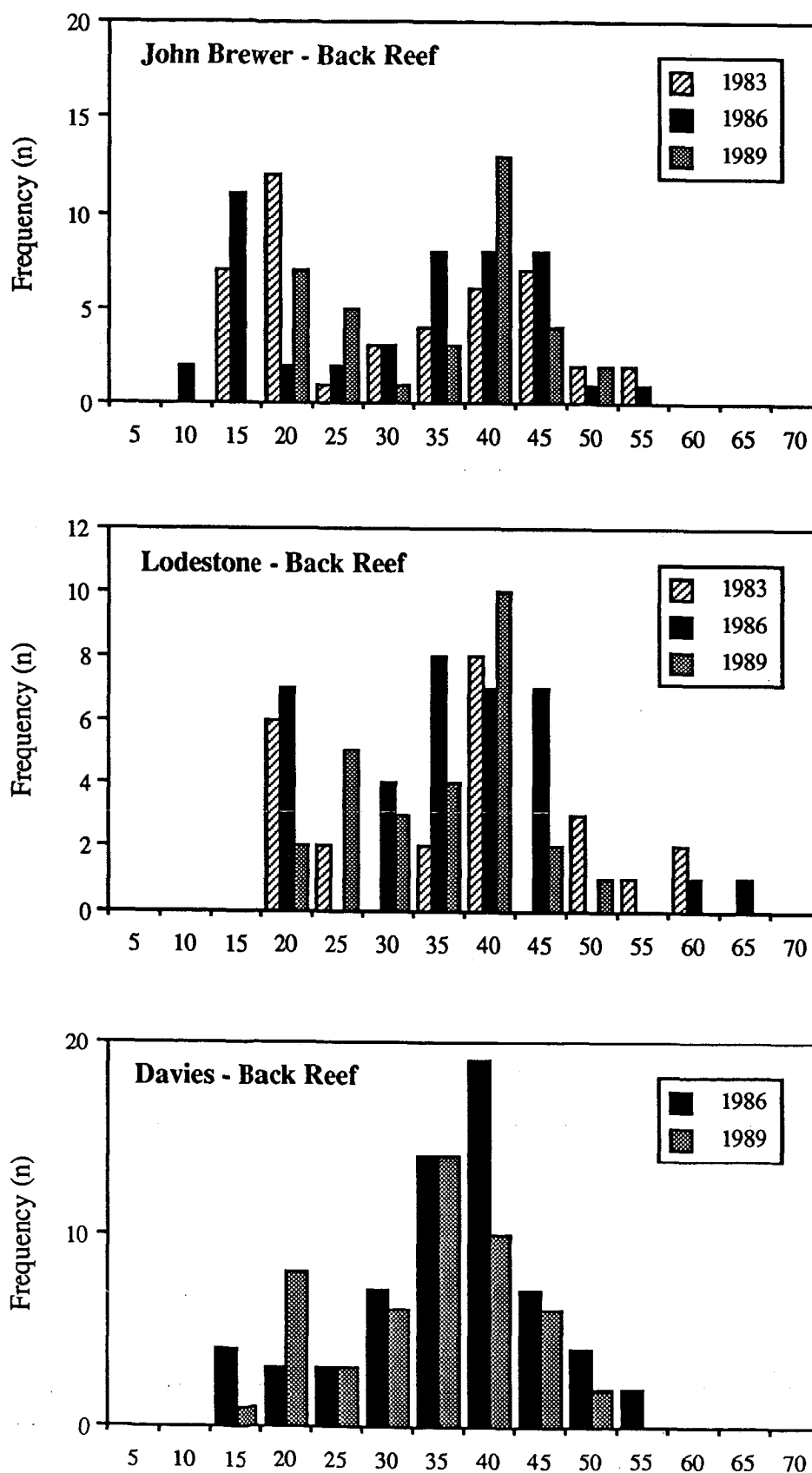


FIGURE 5. LENGTH FREQUENCIES FOR *PLECTROPOMUS LEOPARDUS* ON THE FRONT SLOPE OF THE STUDY REEFS

Histograms show comparisons of length frequencies for mid-year surveys only: May 1986; and June 1989. X axis shows 5cm length classes.

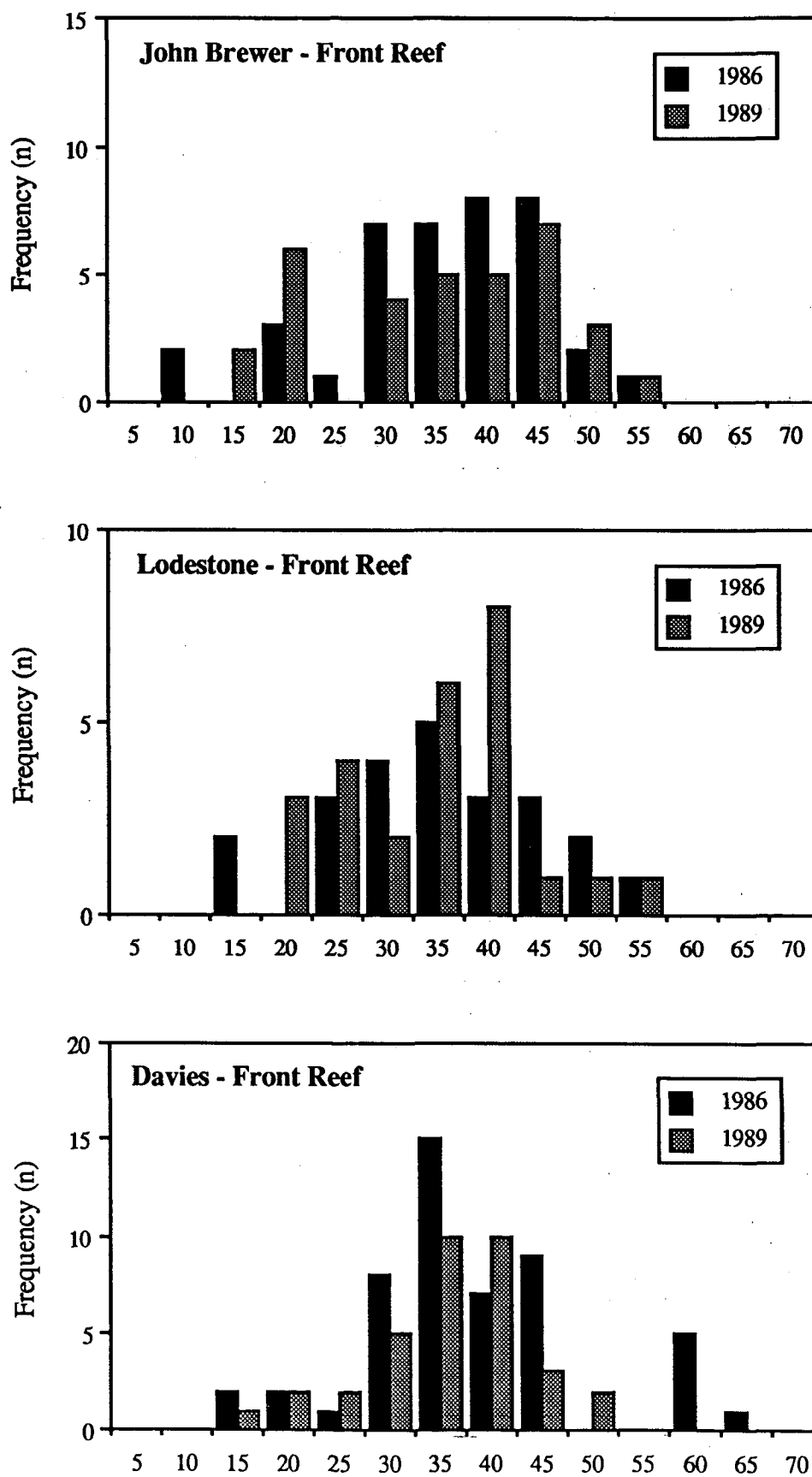


FIGURE 6. CHANGES THROUGH TIME IN CHAETODONTID DENSITY ON THE STUDY REEFS

Mean density from five 50 x 20m replicate counts converted to number per hectare. Error bars show 95% confidence limits for the means.

