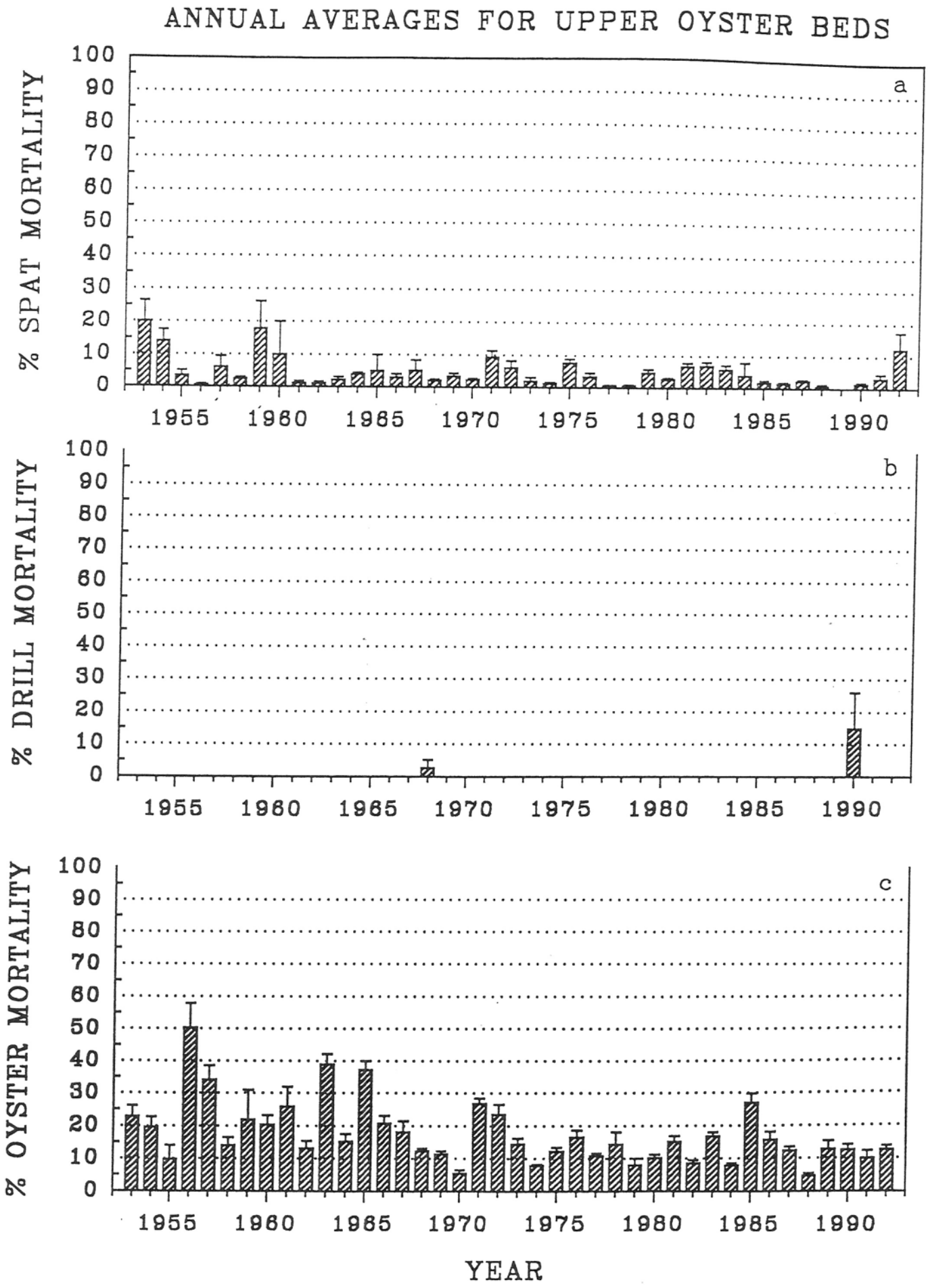

Figure 19. Mean percentages of dead oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Upper region. a. annual mean (±1S.E.) % spat mortality. b. annual mean (±1S.E.) % drill-induced spat mortality. c. annual mean (±1S.E.) % oyster mortality. All percentages were derived as described in text.

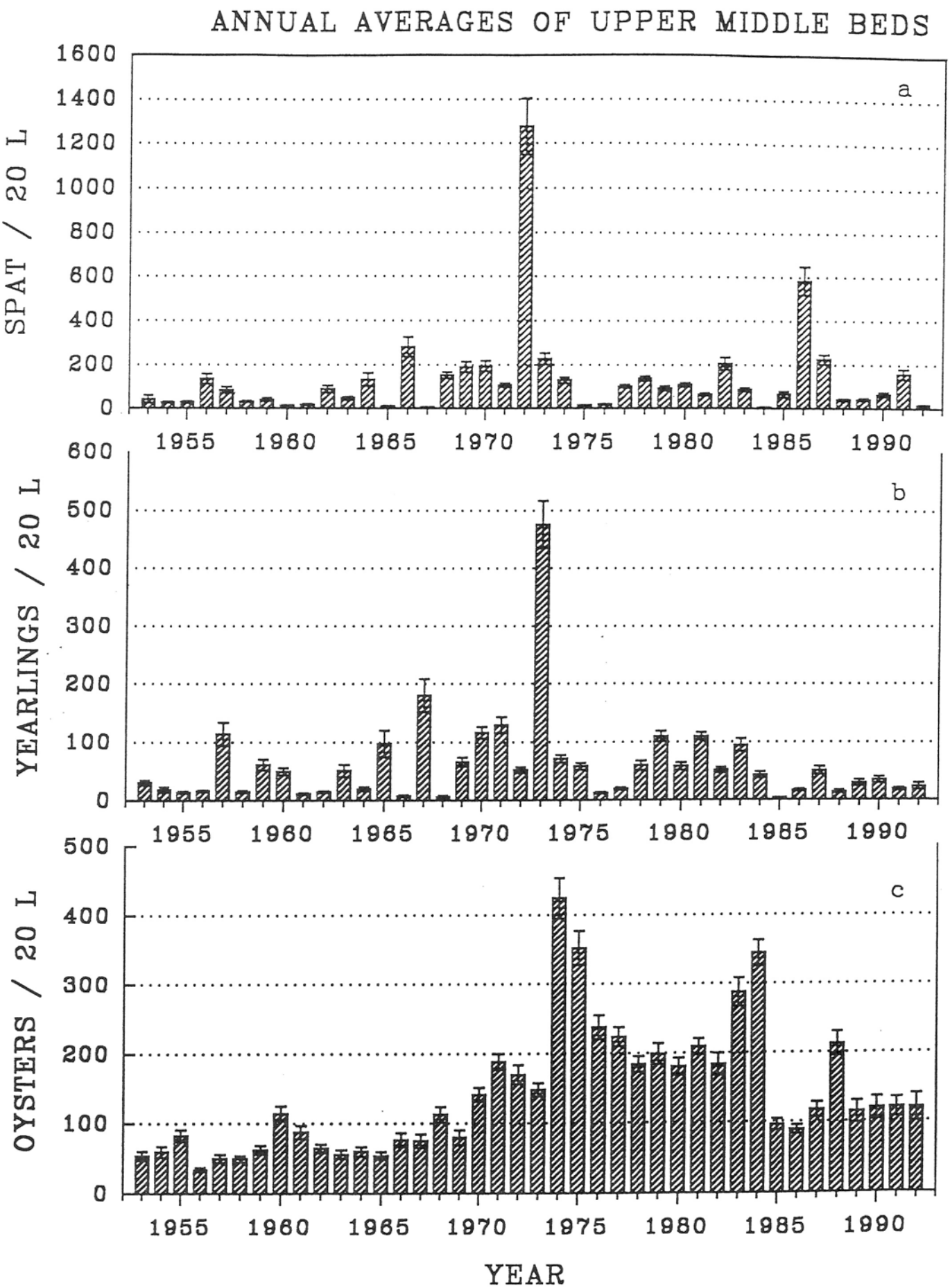

Figure 20. Mean number of live oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Upper Middle region. a. annual mean (±1S.E.) number of spat 20L-1. b. annual mean (±1S.E.) number of yearlings 20L-1. c. annual mean (±1S.E.) number of adult oysters 20L-1. The grand means (±1S.E.) across all years are: 42.86 (0.05) spat 20L-1, 23.83 (0.02) yearlings 20L-1, and 86.27 (0.07) adult oysters 20L-1 (all are back-transformed from ln values).

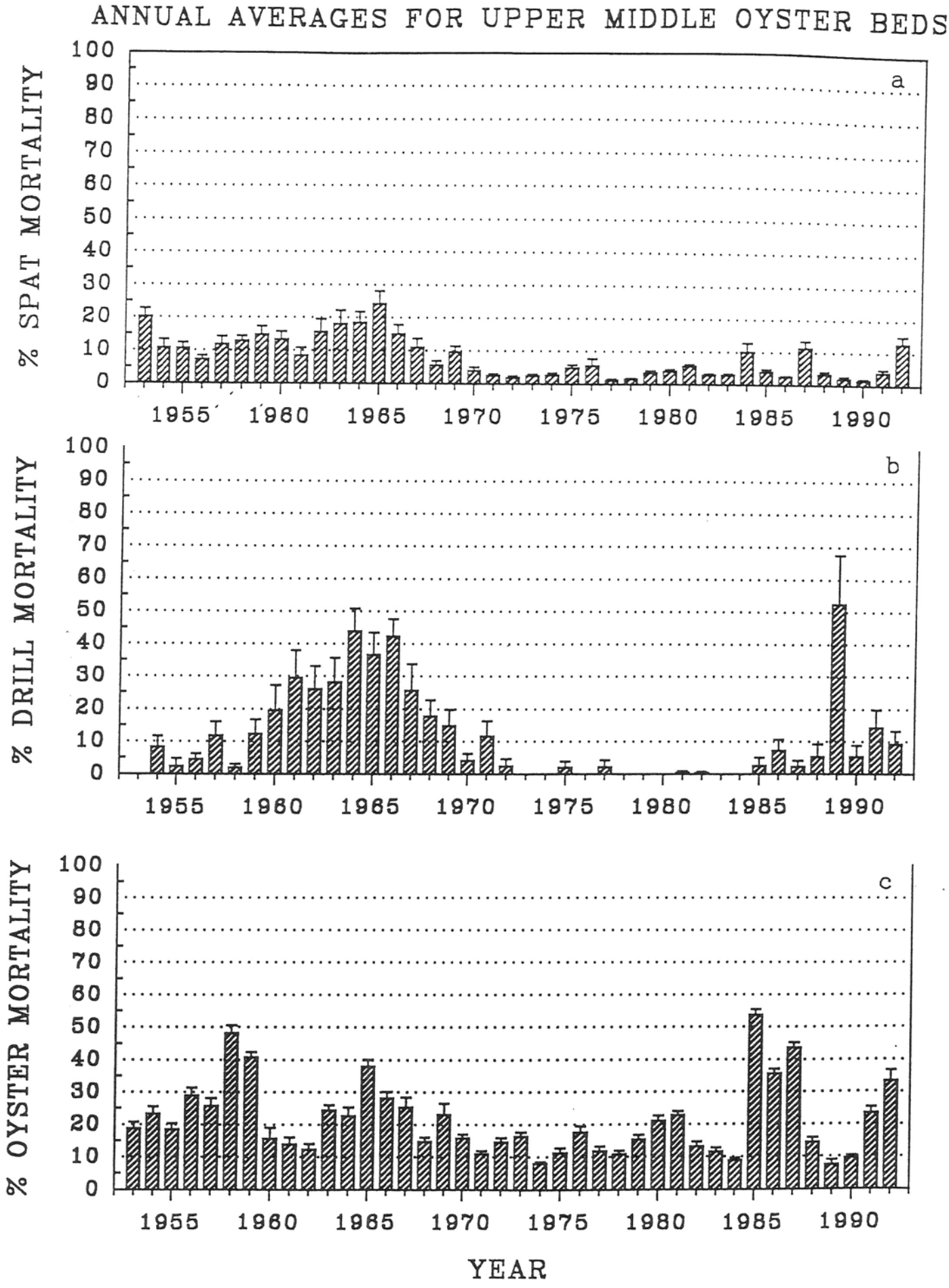

Figure 21. Mean percentages of dead oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Upper Middle region. a. annual mean (±1S.E.) % spat mortality. b. annual mean (±1S.E.) % drill-induced spat mortality. c. annual mean (±1S.E.) % oyster mortality. All percentages were derived as described in text.

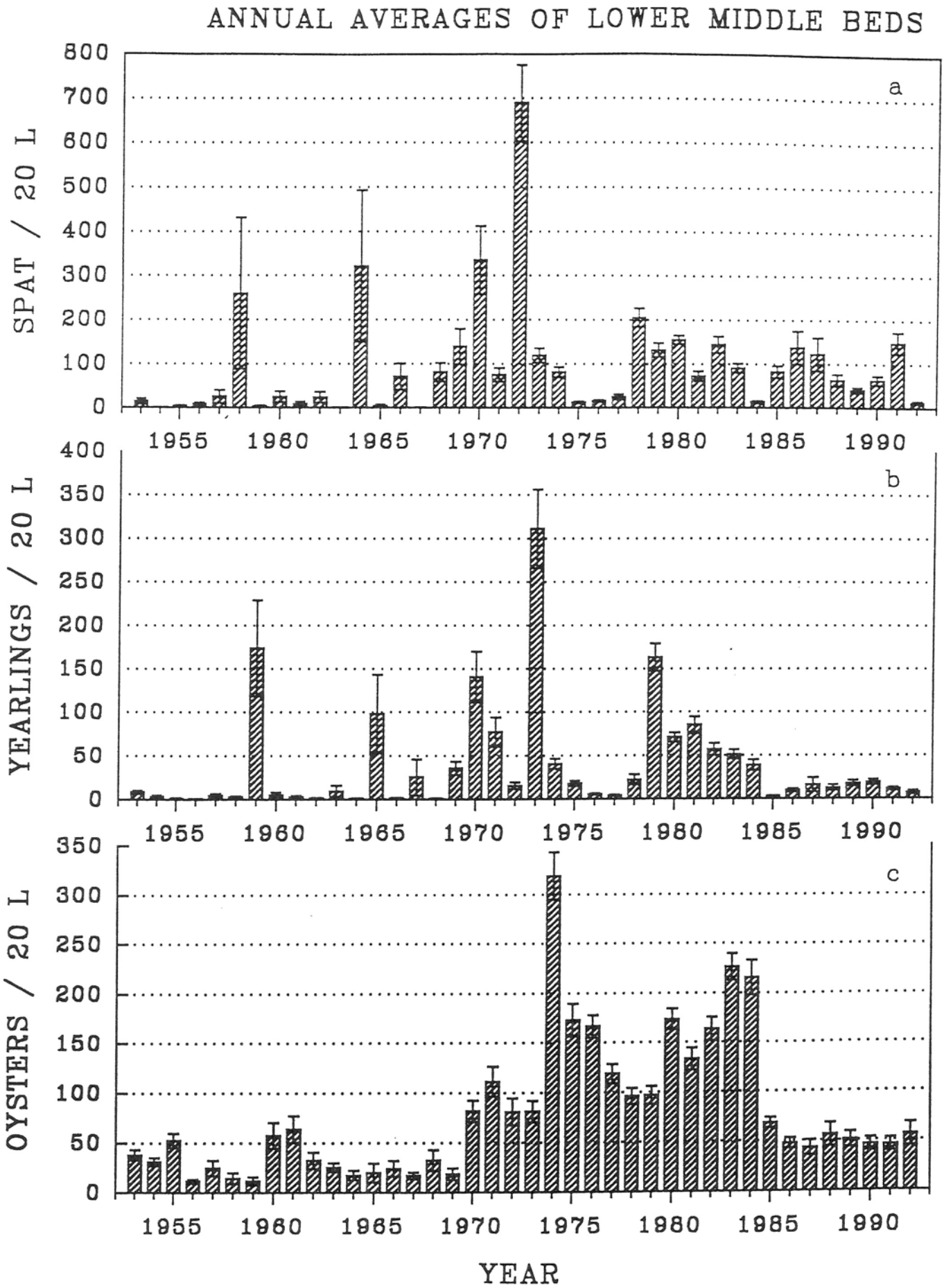

Figure 22. Mean number of live oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Lower Middle region. a. annual mean (±1S.E.) number of spat 20L-1. b. annual mean (±1S.E.) number of yearlings 20L-1. c. annual mean (±1S.E.) number of adult oysters 20L-1. The grand means (±1S.E.) across all years are: 19.99 (0.03) spat 20L-1, 7.20 (0.01) yearlings 20L-1, and 37.63 (0.05) adult oysters 20L-1 (all are back-transformed from ln values).

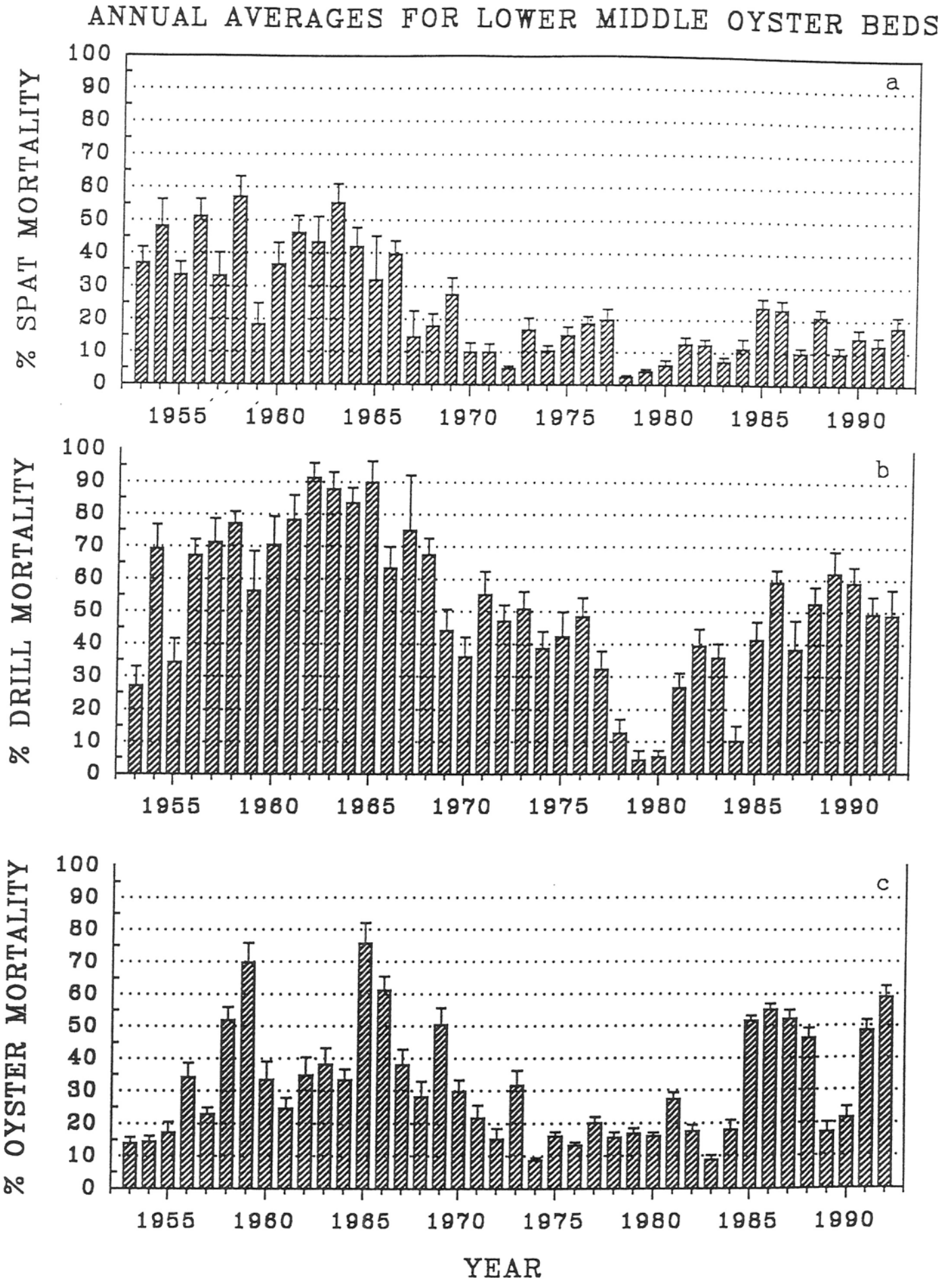

Figure 23. Mean percentages of dead oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Lower Middle region. a. annual mean (±1S.E.) % spat mortality. b. annual mean (±1S.E.) % drill-induced spat mortality. c. annual mean (±1S.E.) % oyster mortality. All percentages were derived as described in text.

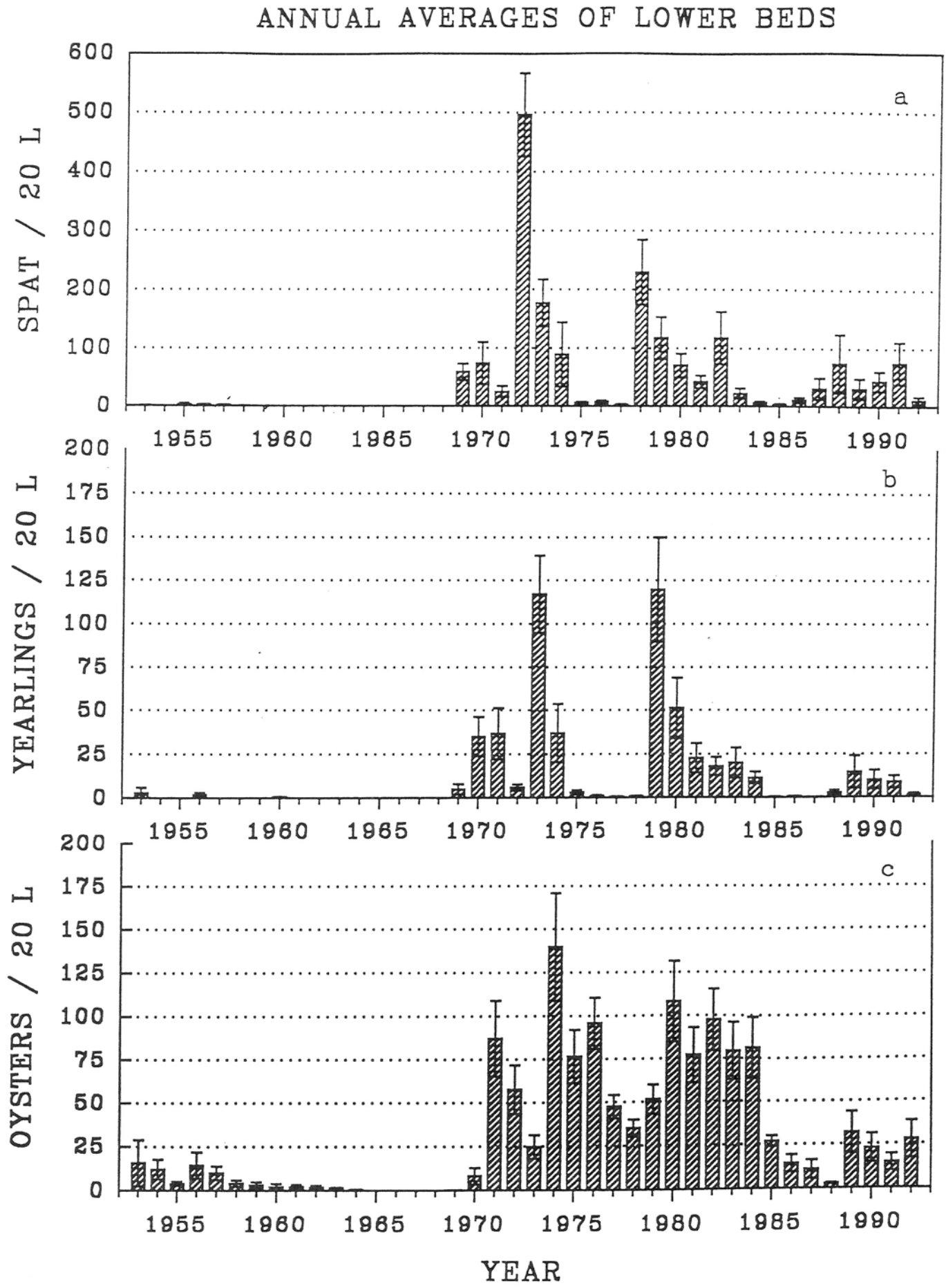

Figure 24. Mean number of live oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Lower region. a. annual mean (±1S.E.) number of spat 20L-1. b. annual mean (±1S.E.) number of yearlings 20L-1. c. annual mean (±1S.E.) number of adult oysters 20L-1. The grand means (±1S.E.) across all years are: 11.21 (0.08) spat 20L-1, 3.36 (0.02) yearlings 20L-1, and 17.36 (0.10) adult oysters 20L-1 (all are back-transformed from ln values).

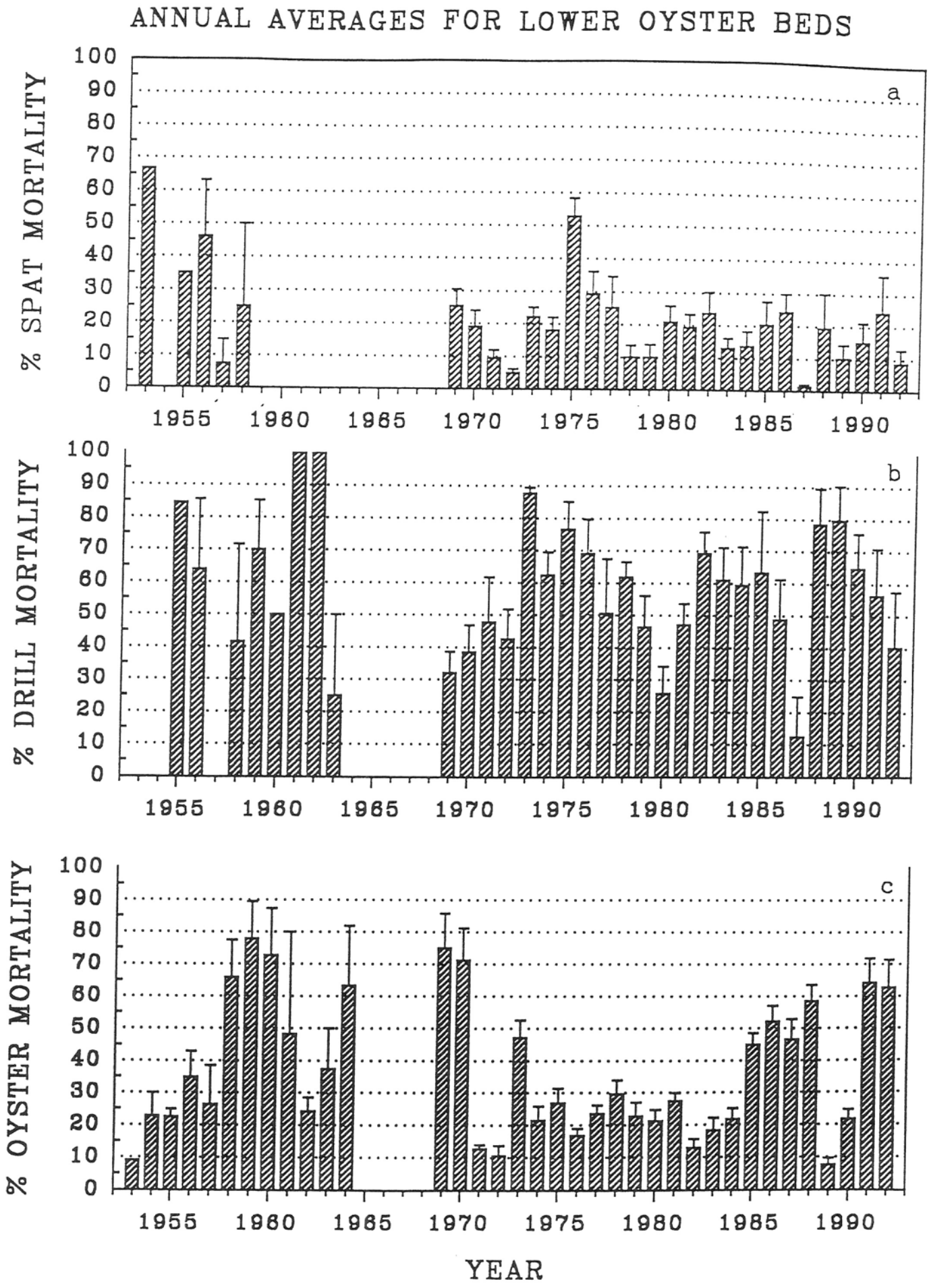

Figure 25. Mean percentages of dead oysters within each year for the Delaware Bay New Jersey oyster seed beds in the Lower region. a. annual mean (±1S.E.) % spat mortality. b. annual mean (±1S.E.) % drill-induced spat mortality. c. annual mean (±1S.E.) % oyster mortality. All percentages were derived as described in text.

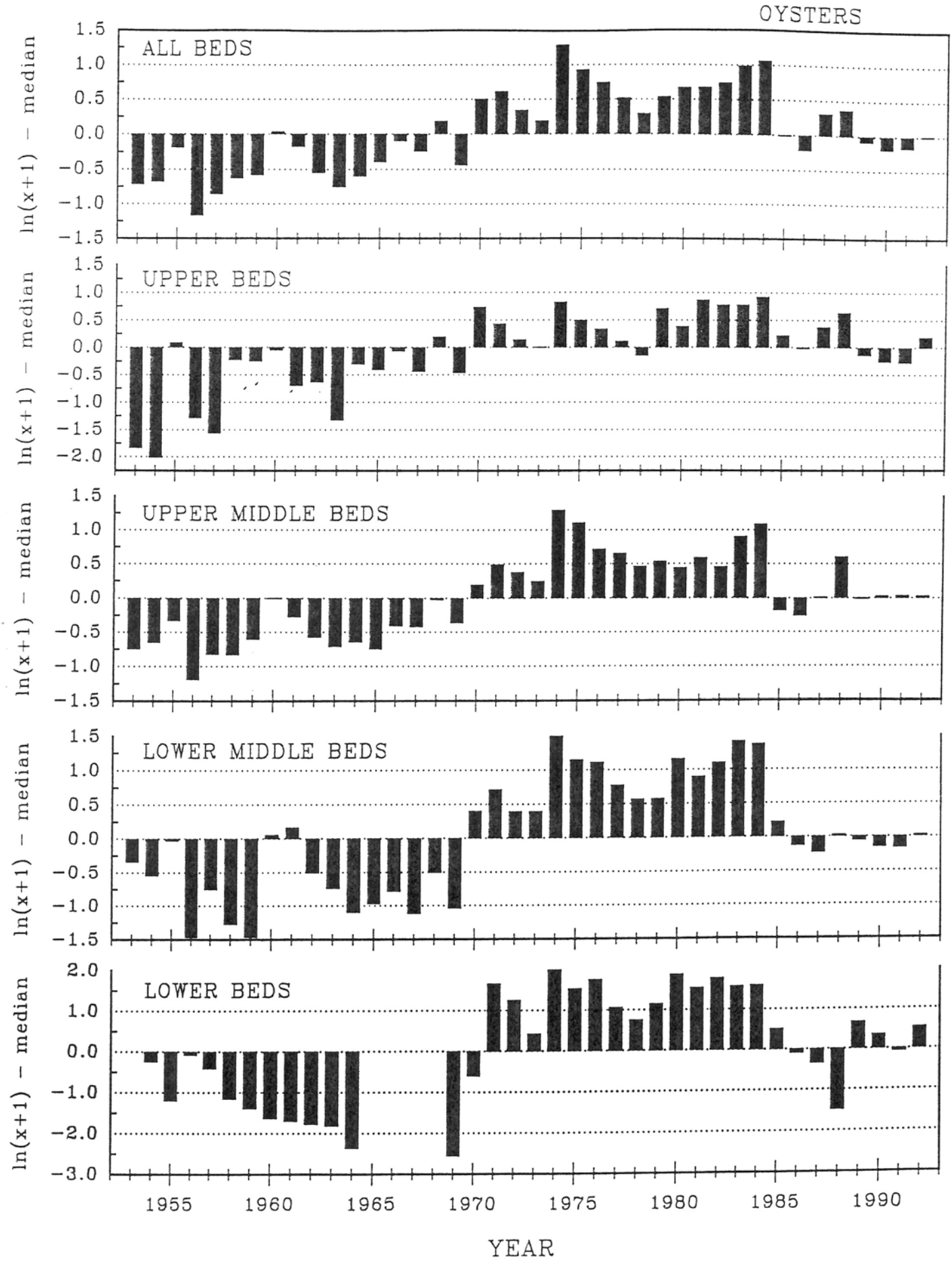

Figure 26. Deviations of the ln-transformed (ln(x + 1)) annual means from the overall median value. Original values are the numbers of adult oysters 20L-1 for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

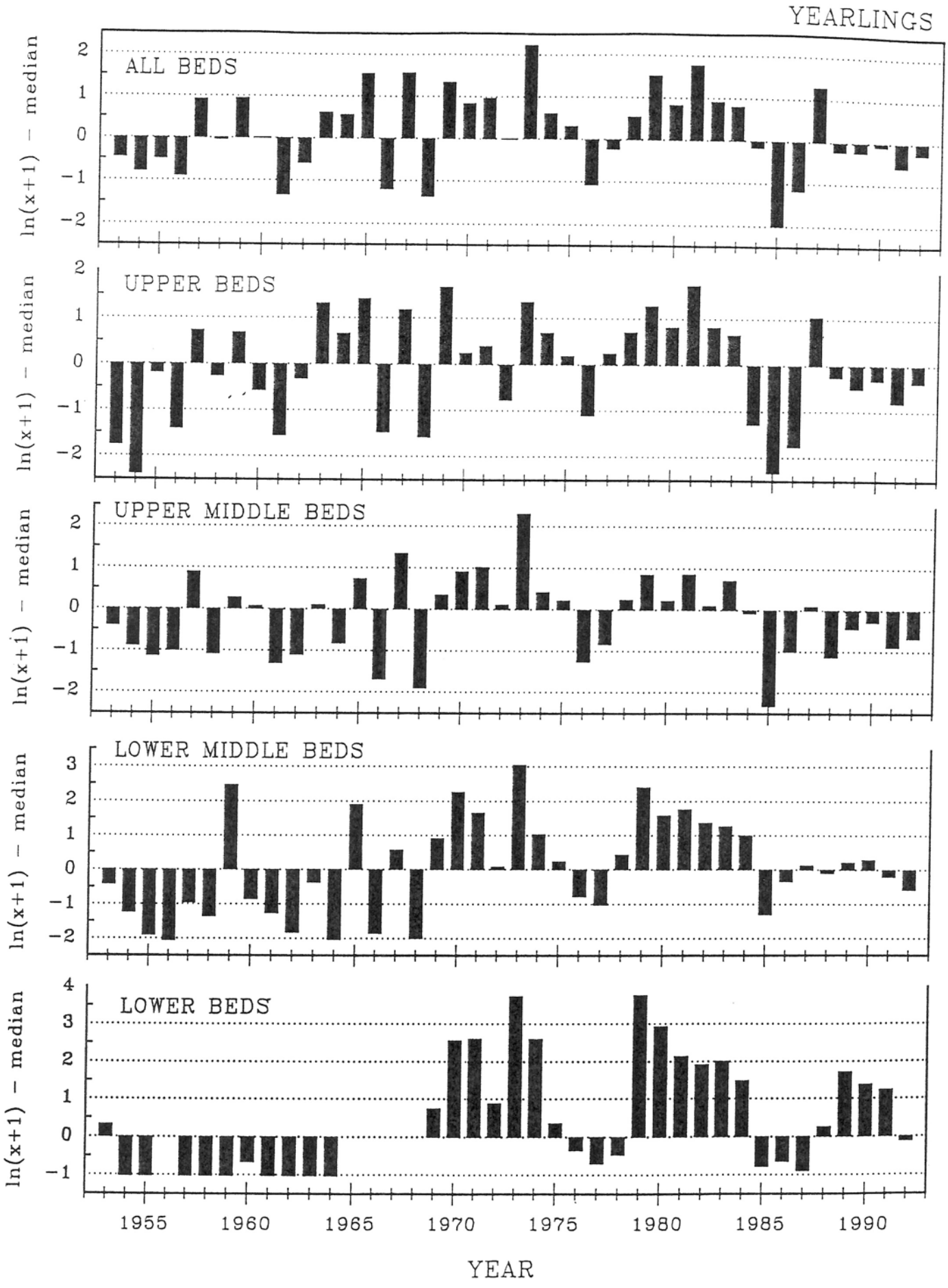

Figure 27. Deviations of the ln-transformed (ln(x + 1)) annual means from the overall median value. Original values are the numbers of yearlings 20L-1 for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

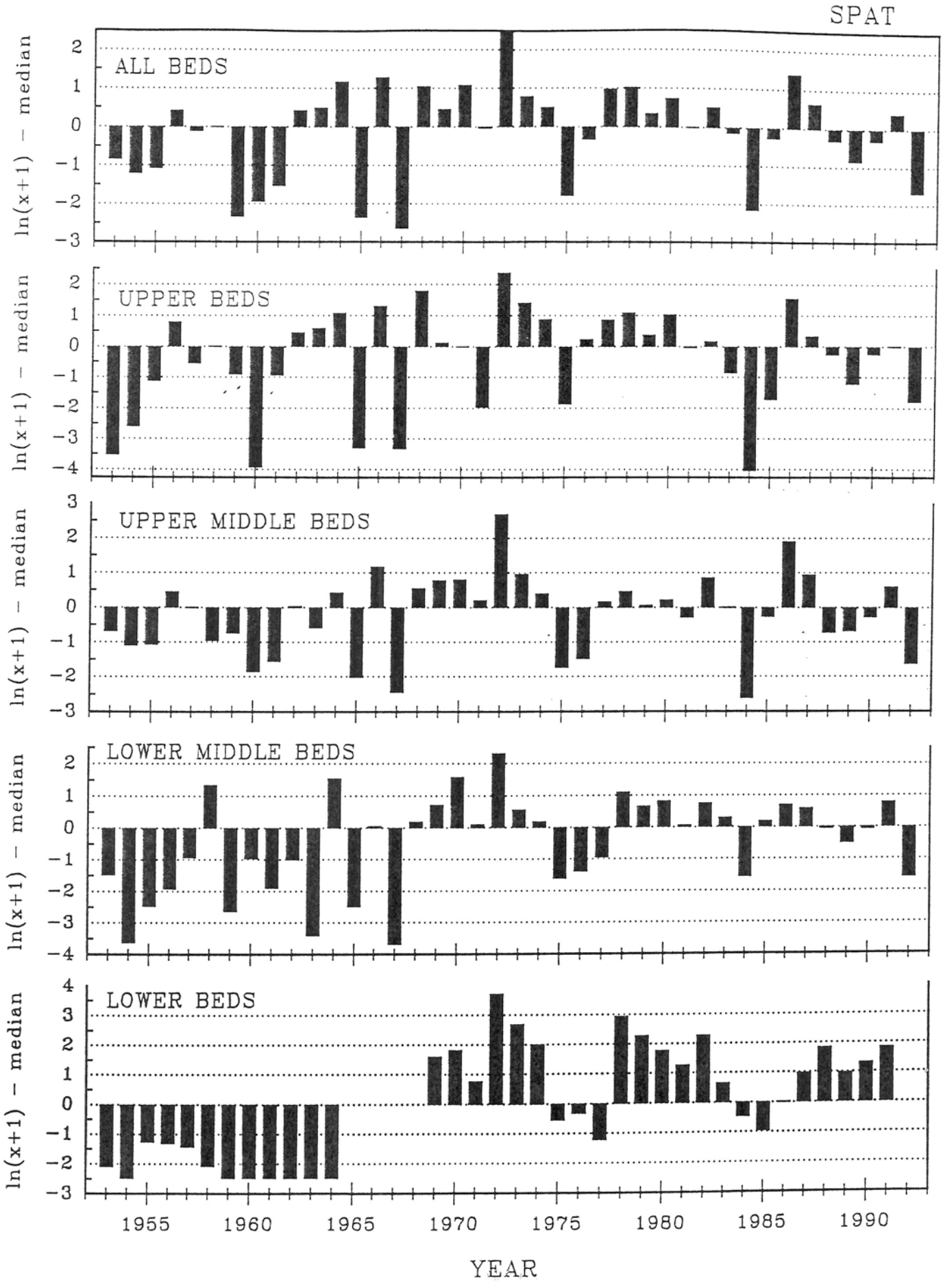

Figure 28. Deviations of the ln-transformed (ln(x + 1)) annual means from the overall median value. Original values are the numbers of spat 20L-1 for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

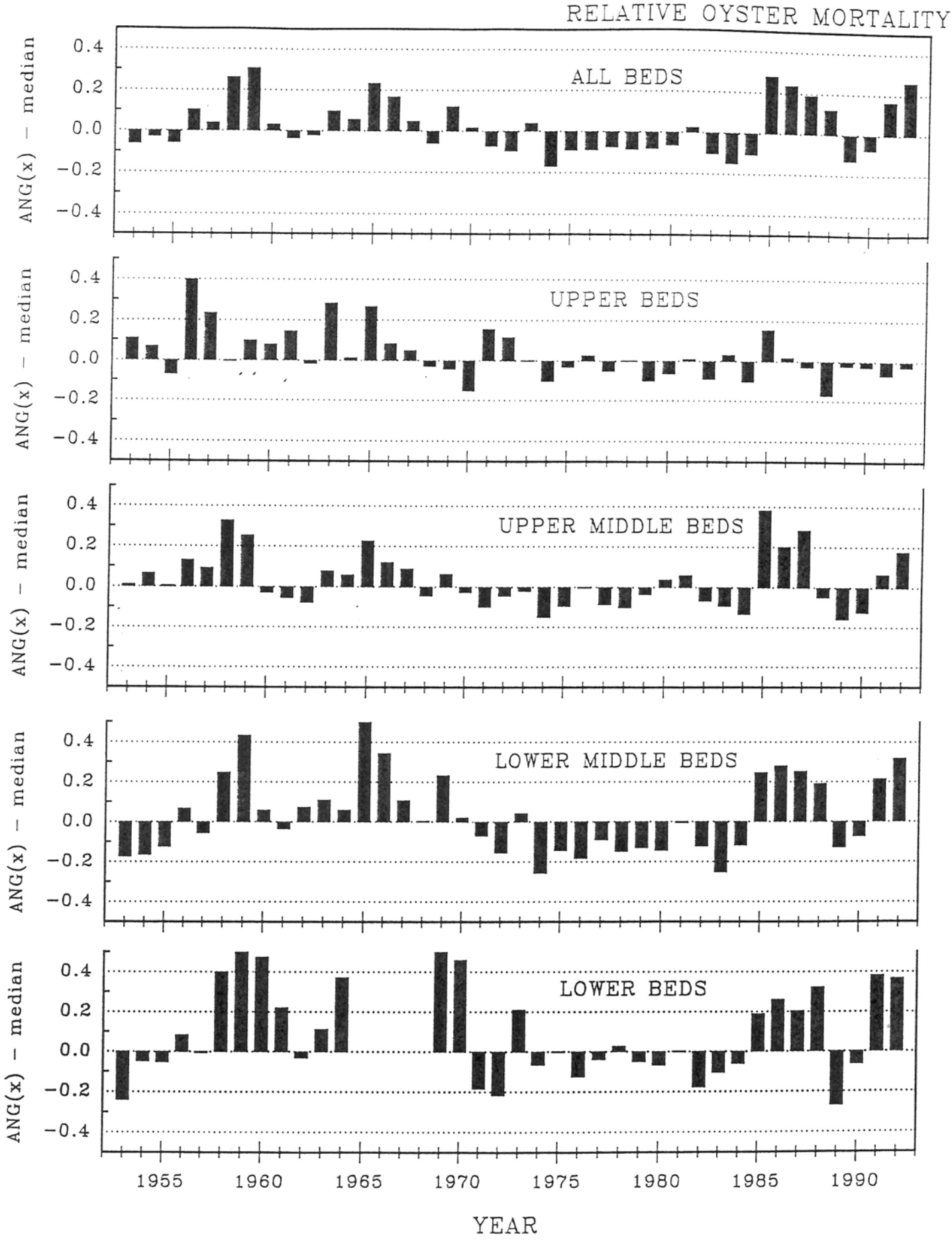

Figure 29. Deviations of the angular transformed (arcsine of the square root of x) annual means from the overall median value. Original values are the relative adult oyster mortality (ROM - defined in text) for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

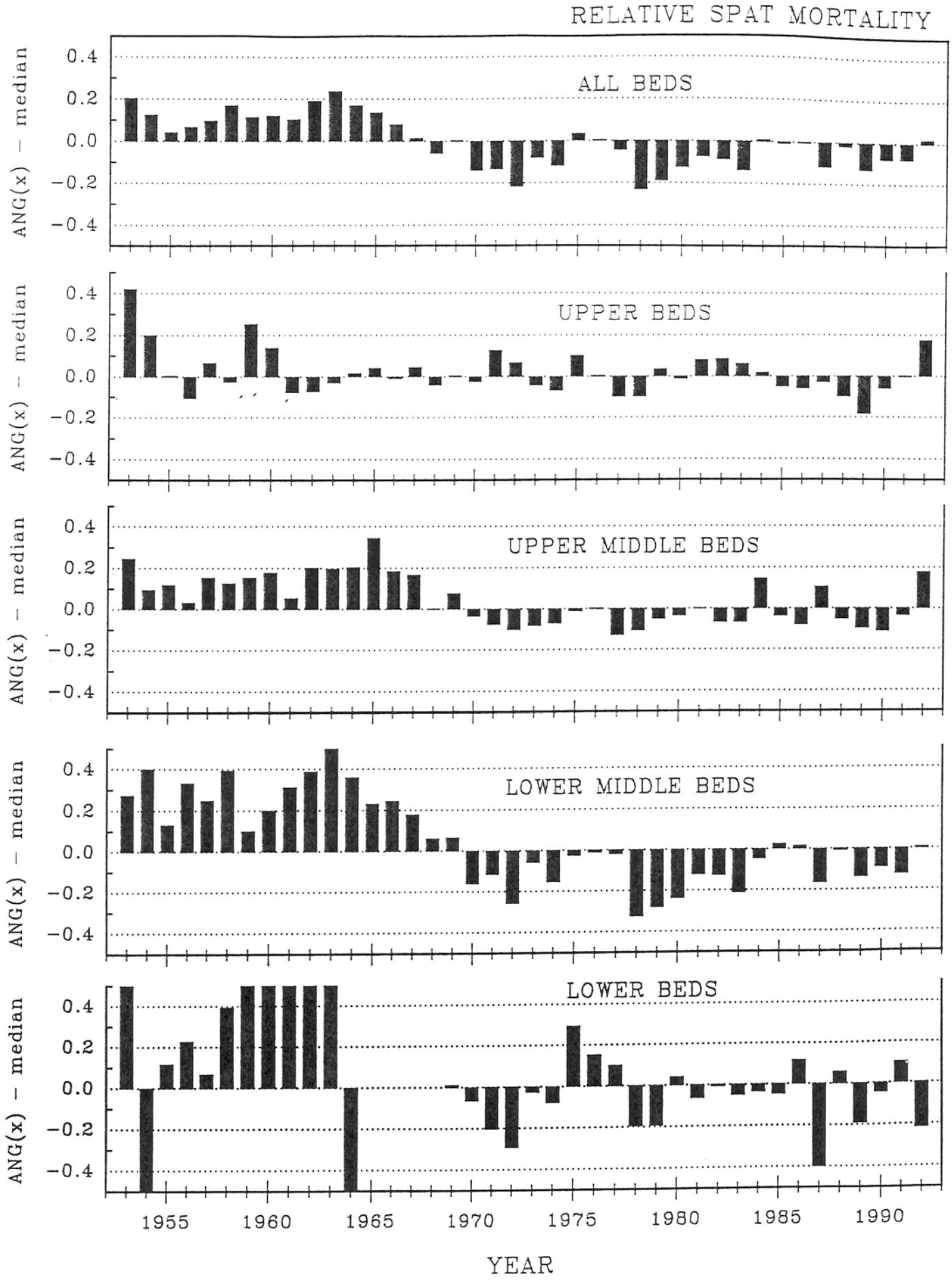

Figure 30. Deviations of the angular transformed (arcsine of the square root of x) annual means from the overall median value. Original values are the relative spat mortality (RSM - defined in text) for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

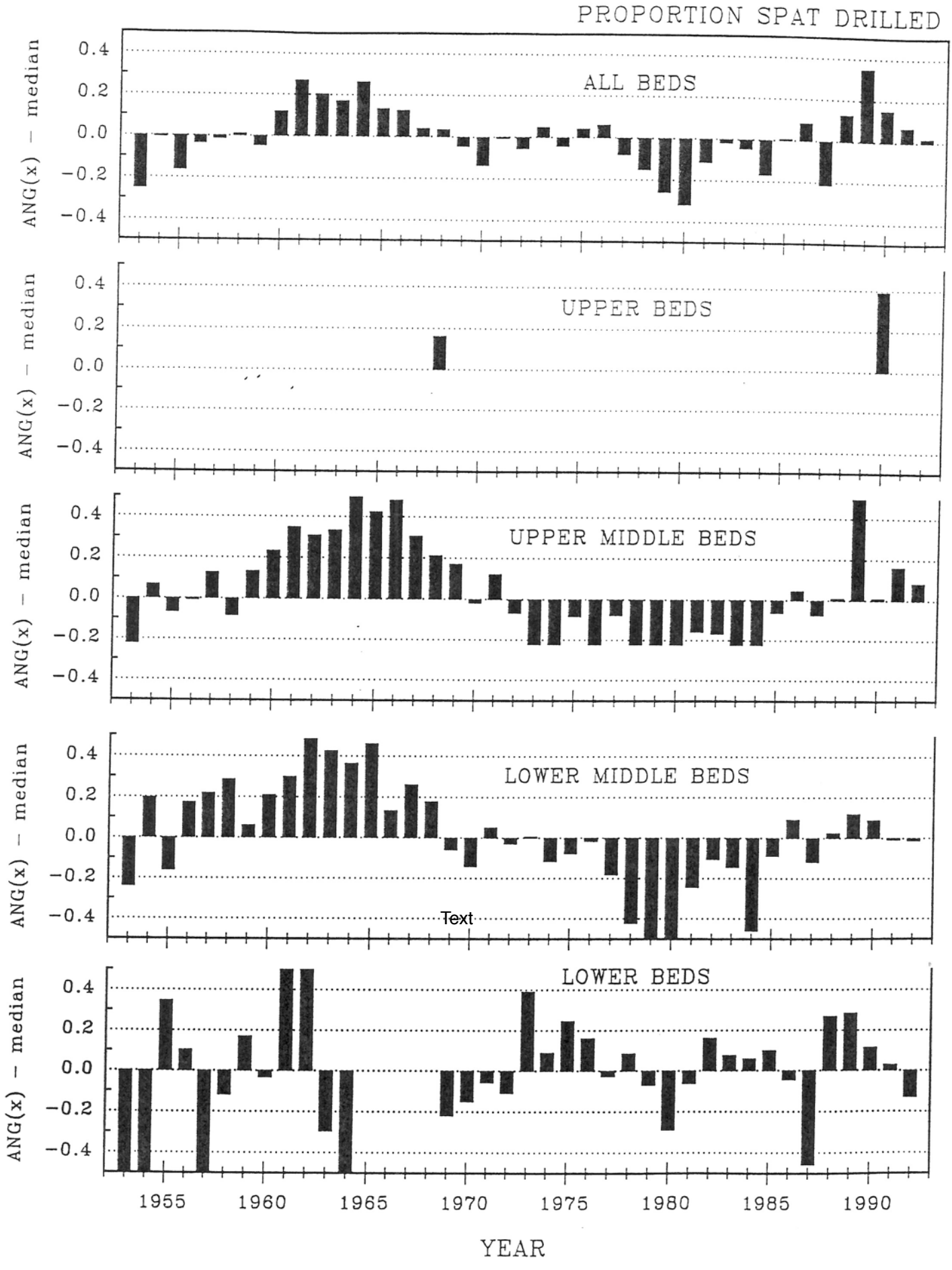

Figure 31. Deviations of the angular transformed (arcsine of the square root of x) annual means from the overall median value. Original values are the relative drill-induced spat mortality (RDSM - defined in text) for each sample for all Delaware Bay New Jersey oyster seed beds sampled in each year.

Figure 32. Annual mean (±1S.E.) number of spat 20L-1 for each Delaware Bay New Jersey oyster seed bed. Reading left to right and top to bottom the beds are arrayed from the one farthest up the bay (Round Island Bed) to the lowest in the bay (Ledge Bed). Refer to Figure 14 to determine years in which samples were not taken for each of the respective beds.

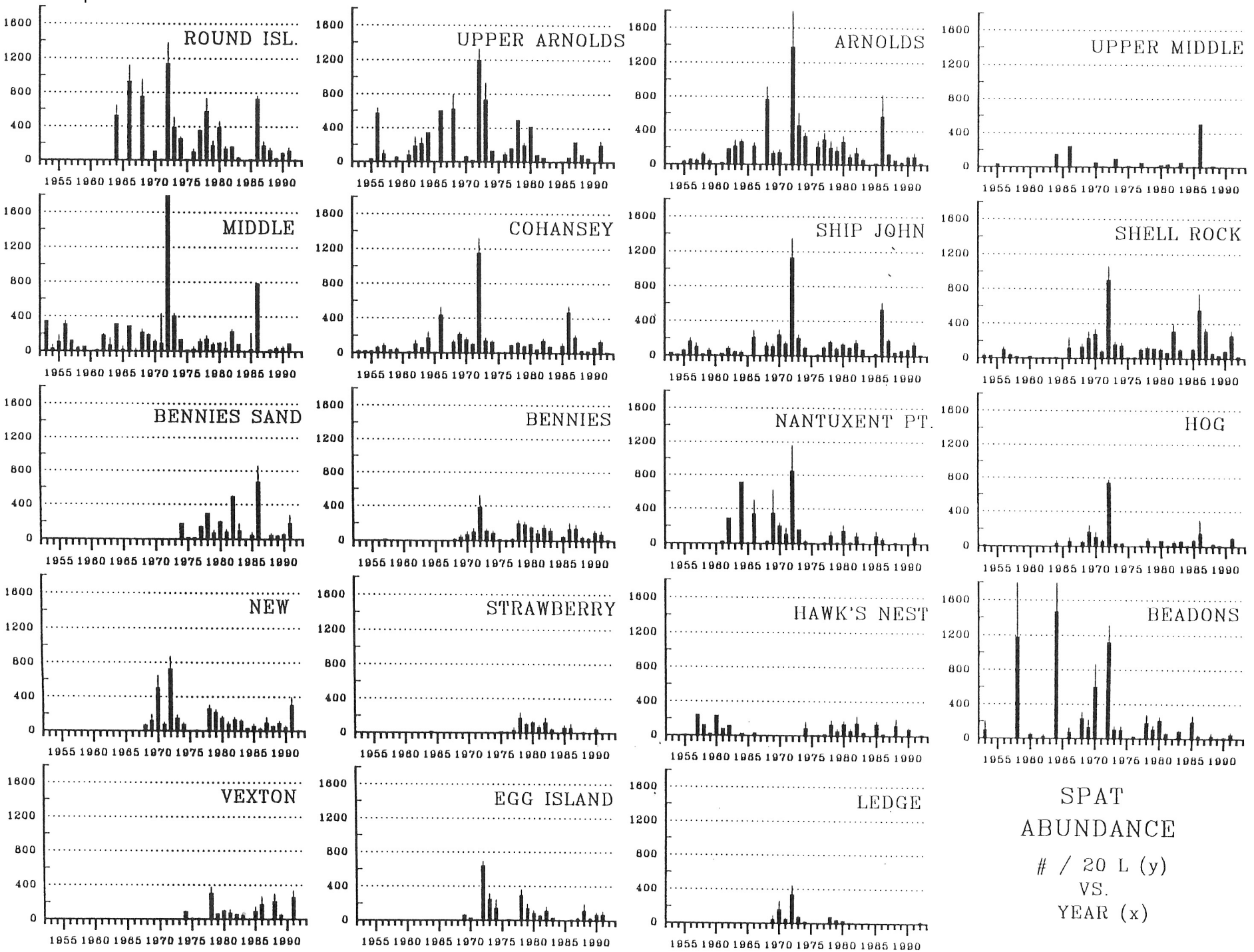

Figure 33. Annual mean (±1S.E.) number of yearlings 20L-1 for each Delaware Bay New Jersey oyster seed bed. Reading left to right and top to bottom the beds are arrayed from the one farthest up the bay (Round Island Bed) to the lowest in the bay (Ledge Bed). Refer to Figure 14 to determine years in which samples were not taken for each of the respective beds.