

## **Appendix F - Scatterplots of phytoplankton bioindicators**

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# AP – TF5.5

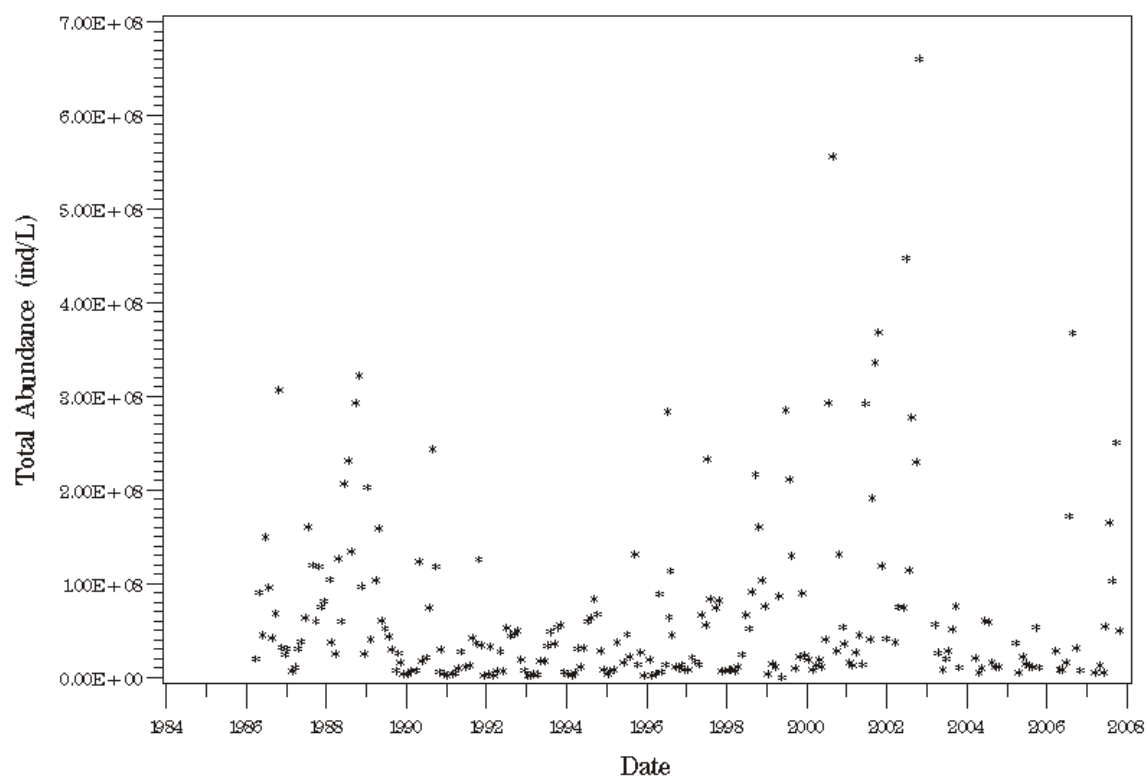


Figure F1. Plot of above pycnocline total phytoplankton abundance against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

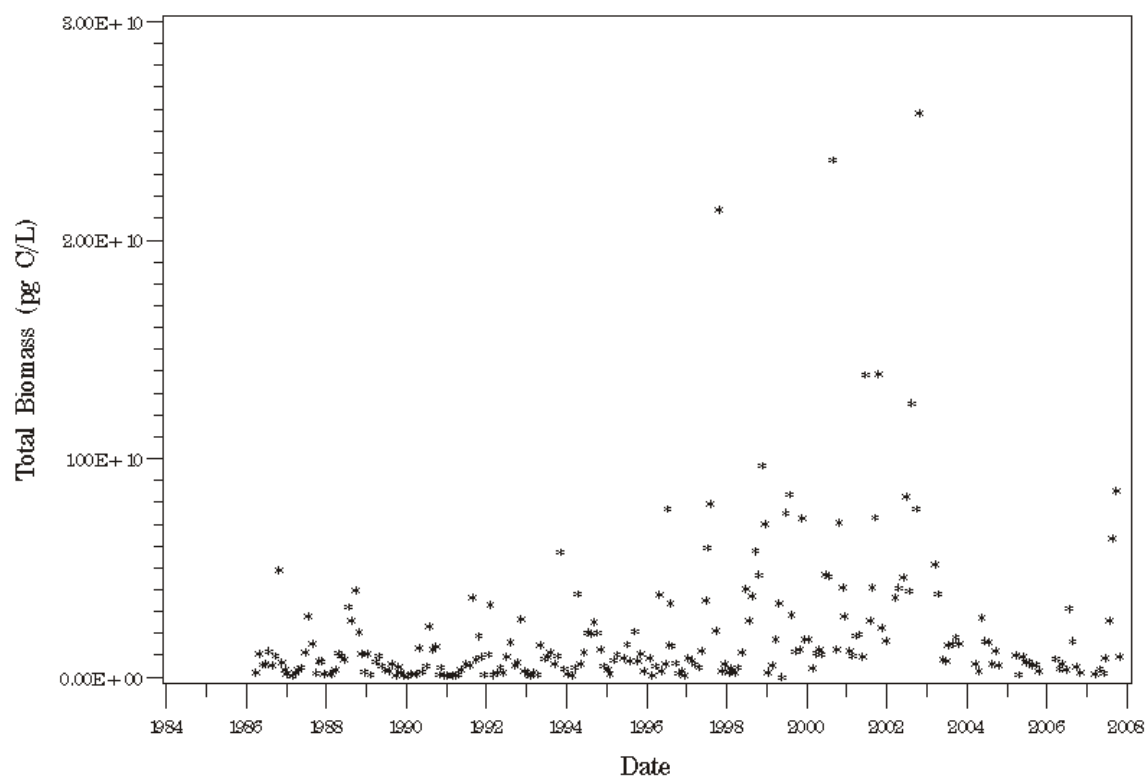


Figure F2. Plot of above pycnocline total phytoplankton biomass against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

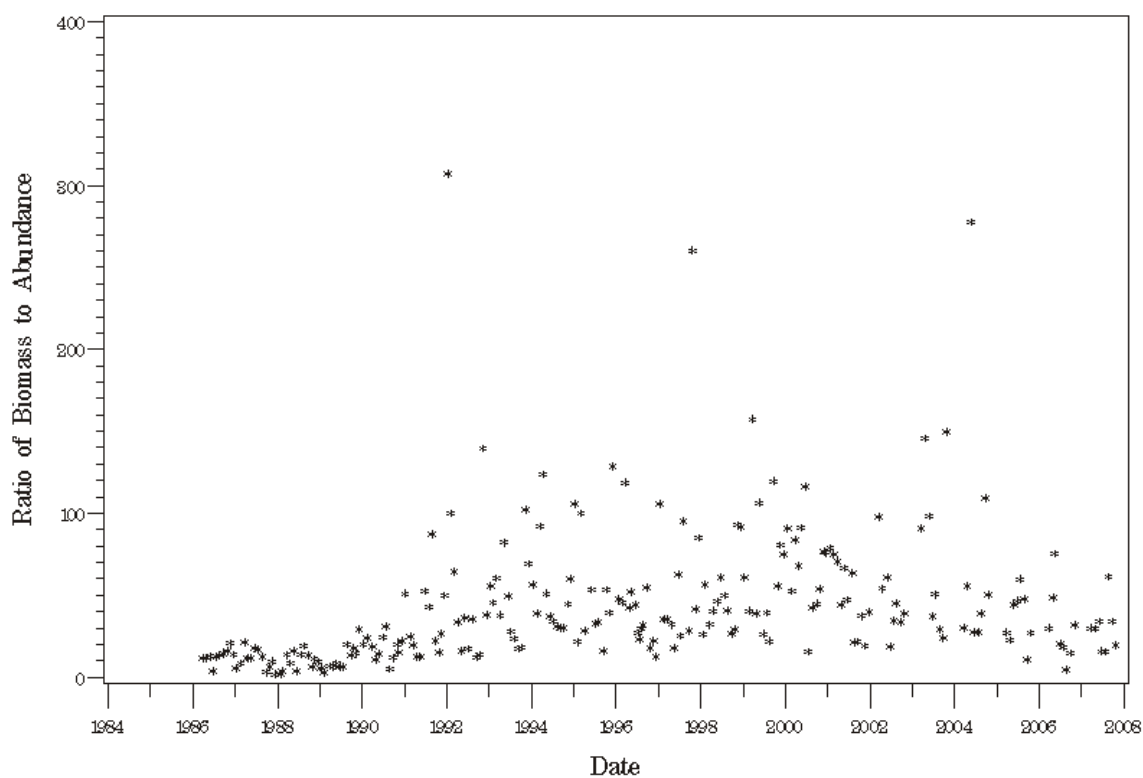


Figure F3. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

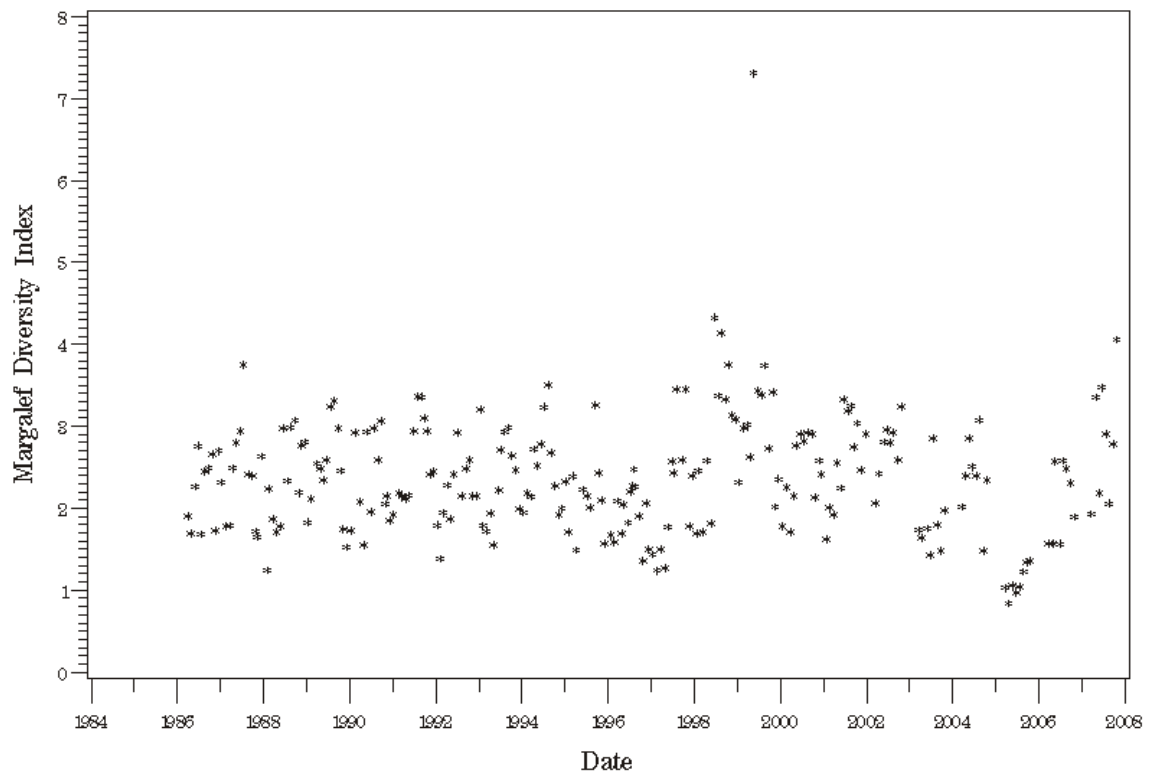


Figure F4. Plot of above pycnocline Margalef diversity index against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

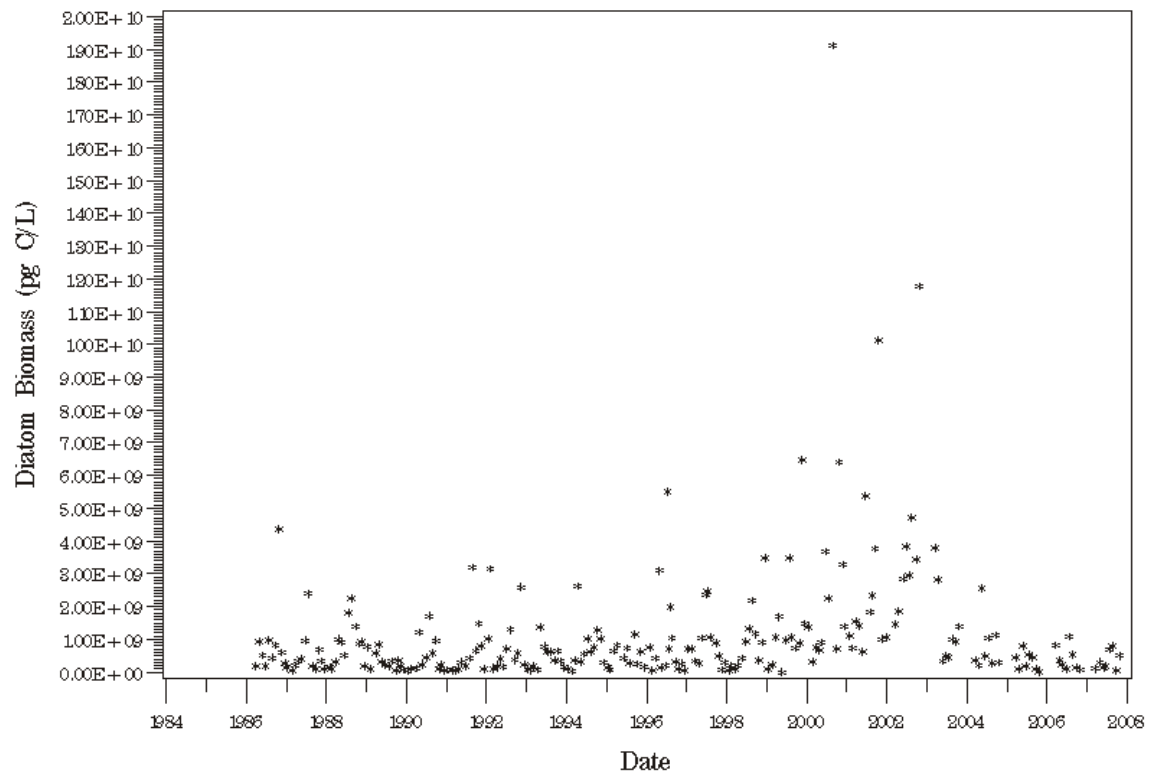


Figure F5. Plot of above pycnocline diatom biomass against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

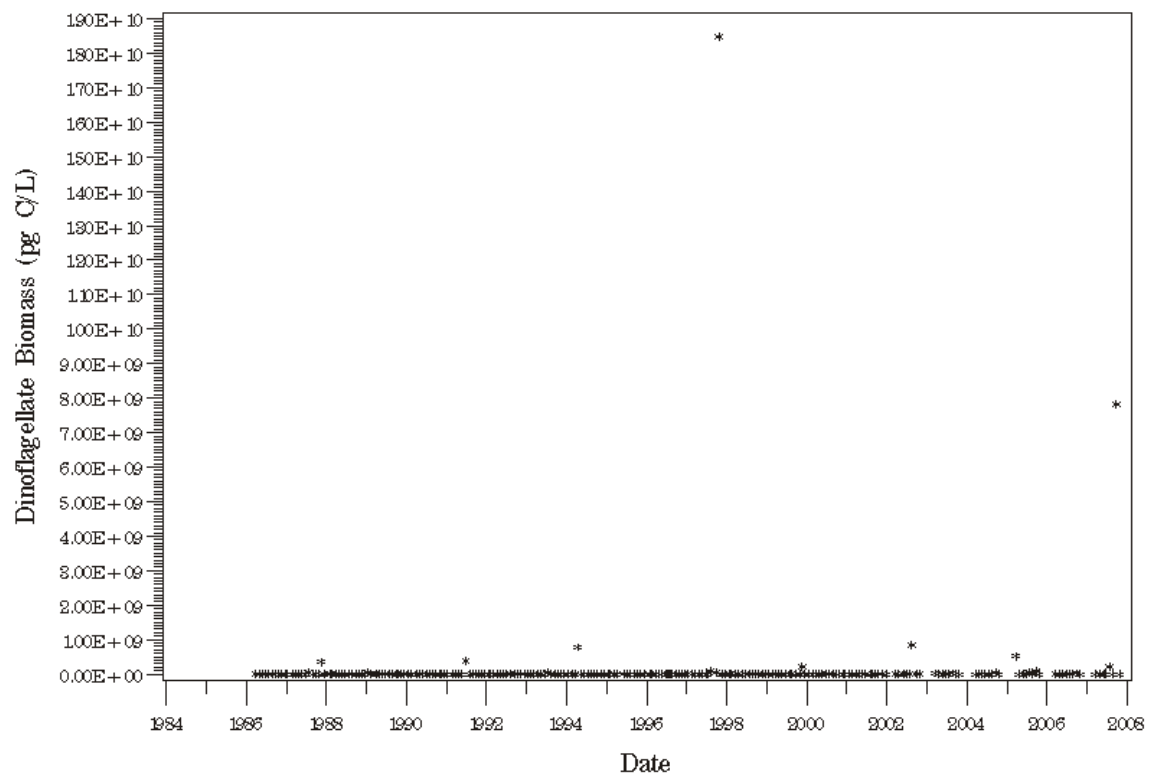


Figure F6. Plot of above pycnocline dinoflagellate biomass against time at station TF5.5 for the period of 1985 through 2007.



## AP – TF5.5

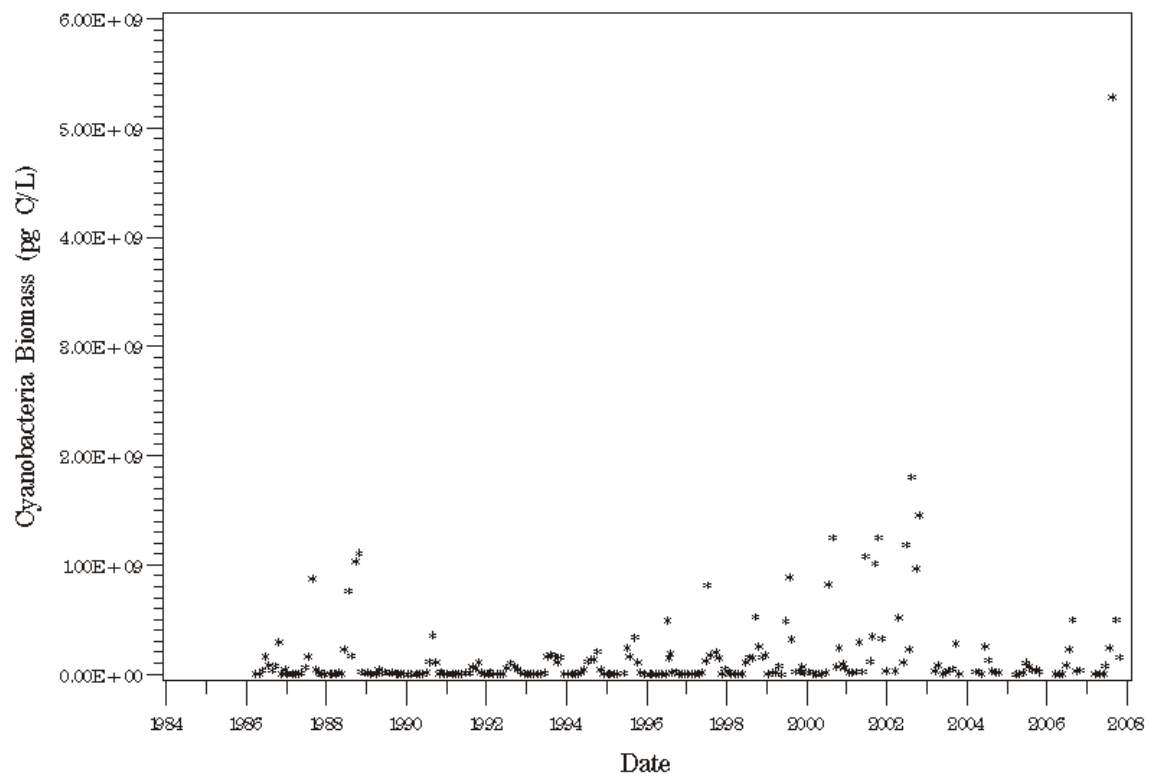


Figure F7. Plot of above pycnocline cyanobacteria biomass against time at station TF5.5 for the period of 1985 through 2007.

# AP – TF5.5

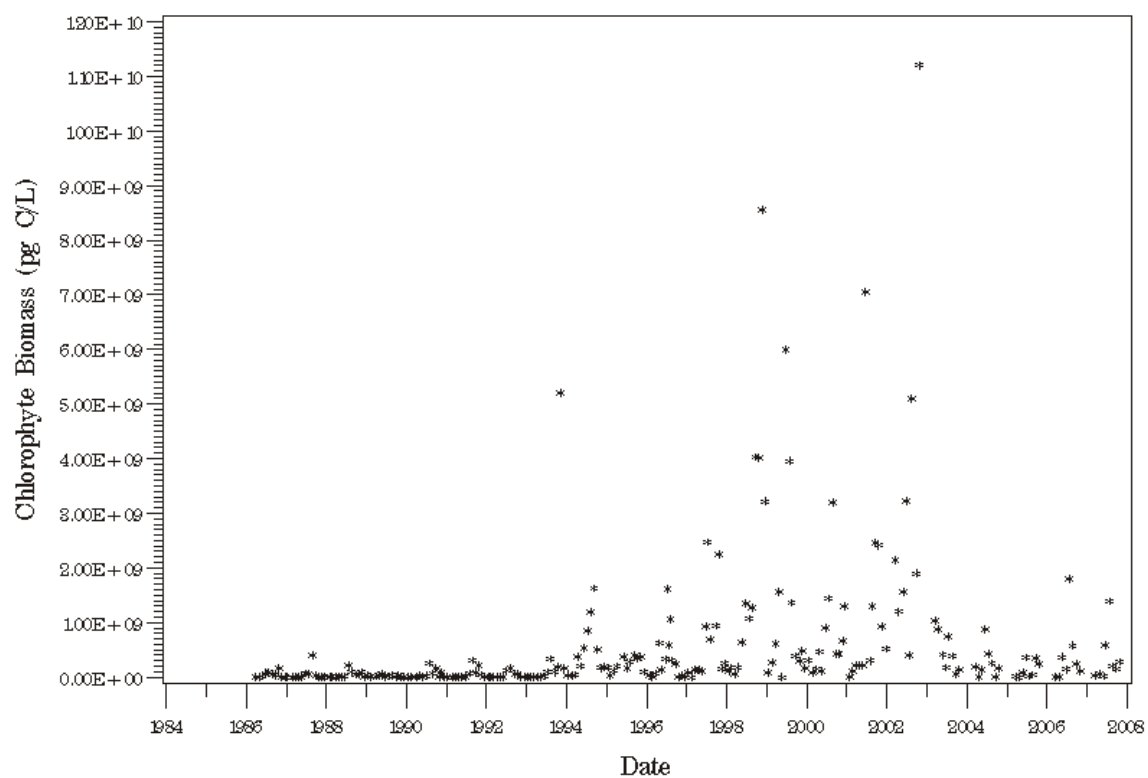


Figure F8. Plot of above pycnocline chlorophyte biomass against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

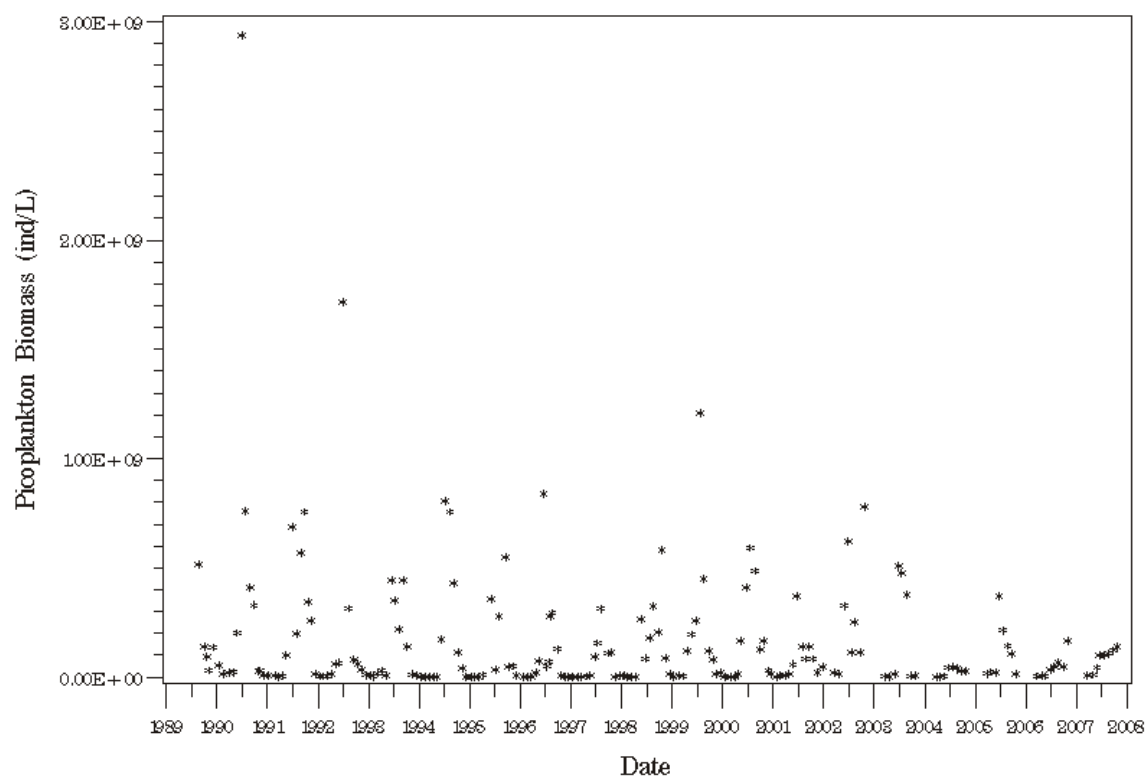


Figure F9. Plot of above pycnocline picoplankton biomass against time at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

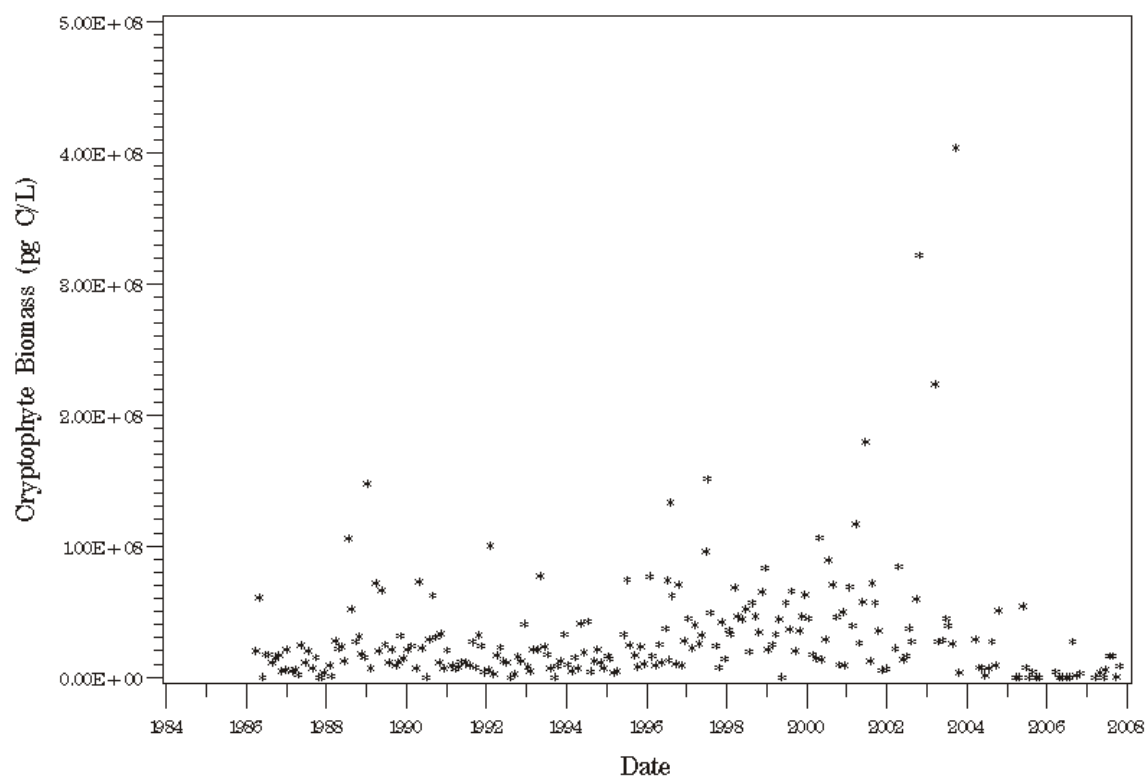


Figure F10. Plot of above pycnocline cryptophyte biomass at station TF5.5 for the period of 1985 through 2007.

## AP – TF5.5

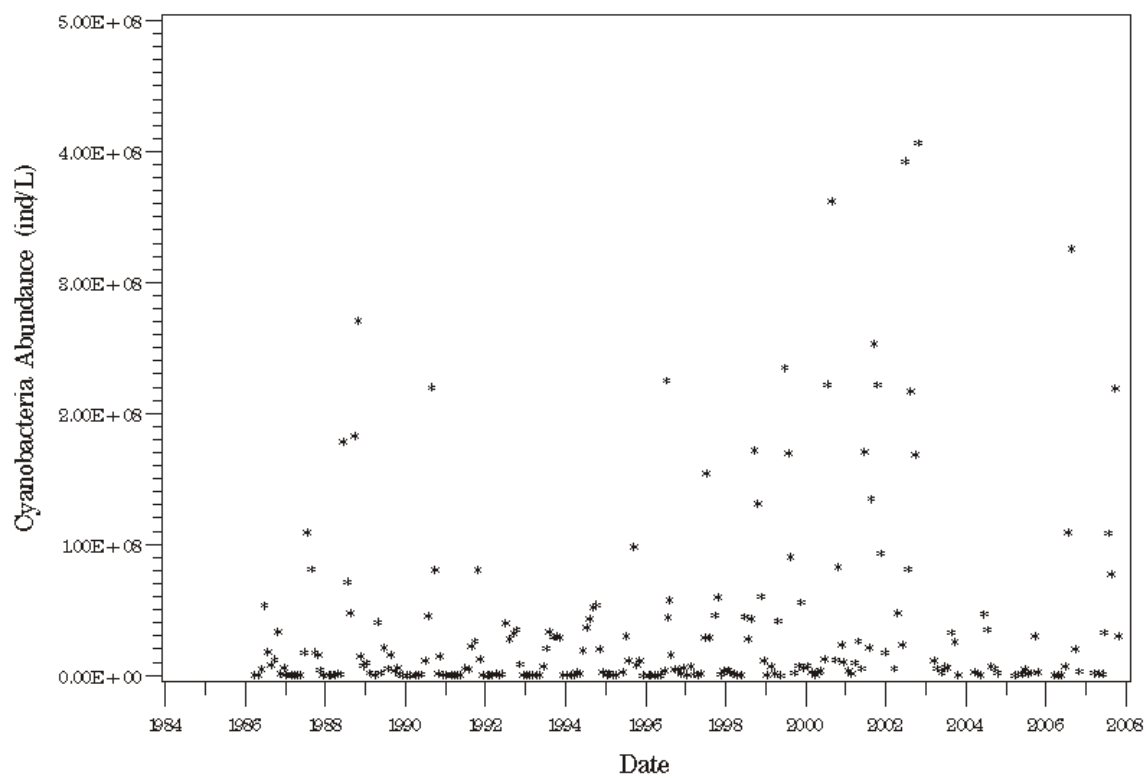


Figure F11. Plot of above pycnocline cyanophyte abundance at station TF5.5 for the period of 1985 through 2007.

## AP — RET5.2

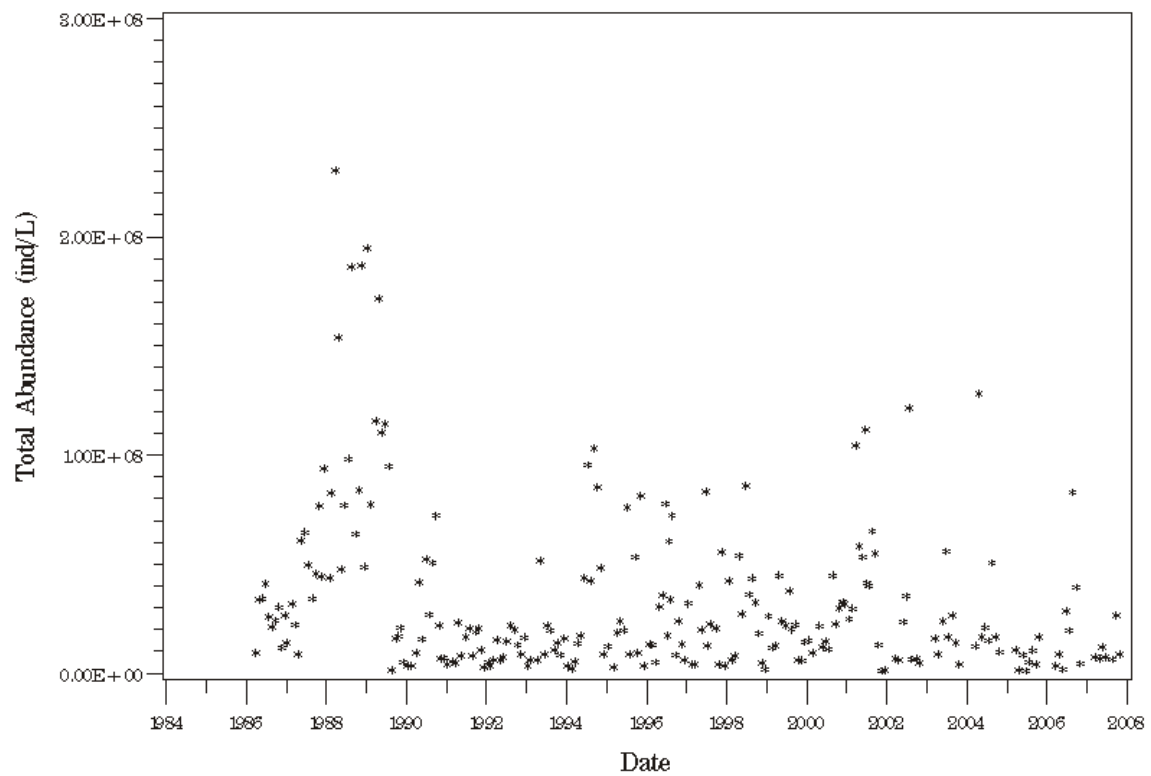


Figure F12. Plot of above pycnocline total phytoplankton abundance against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

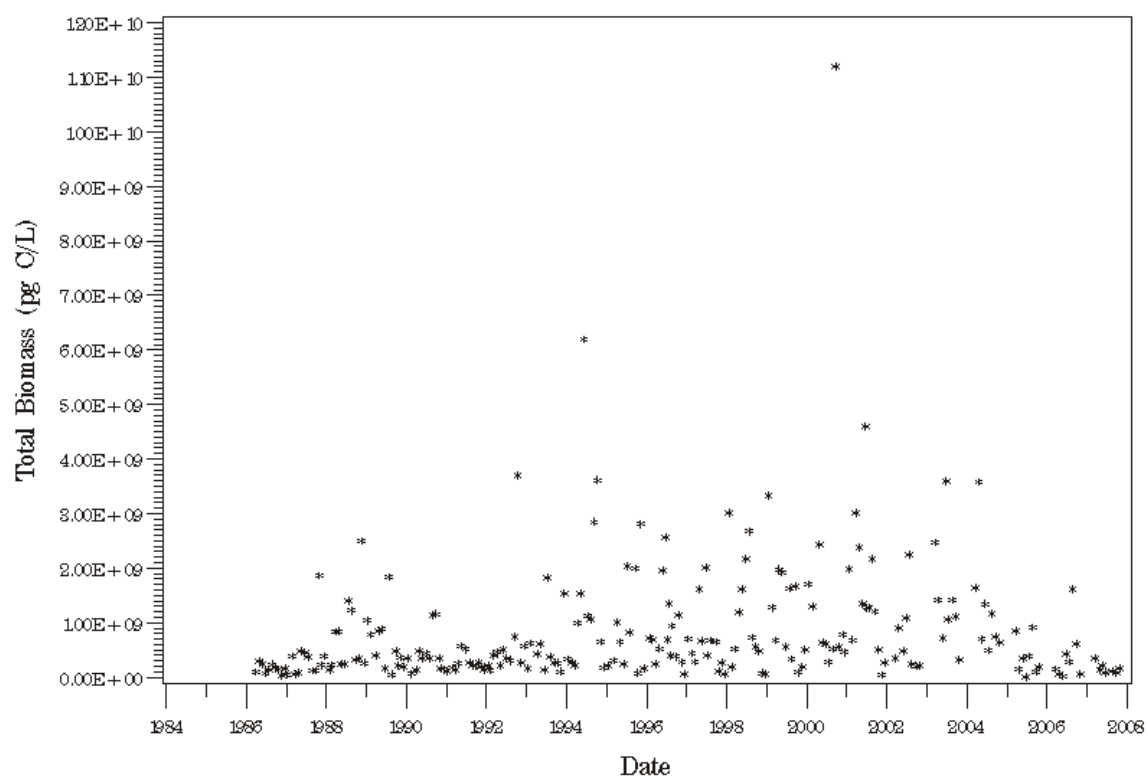


Figure F13. Plot of above pycnocline total phytoplankton biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

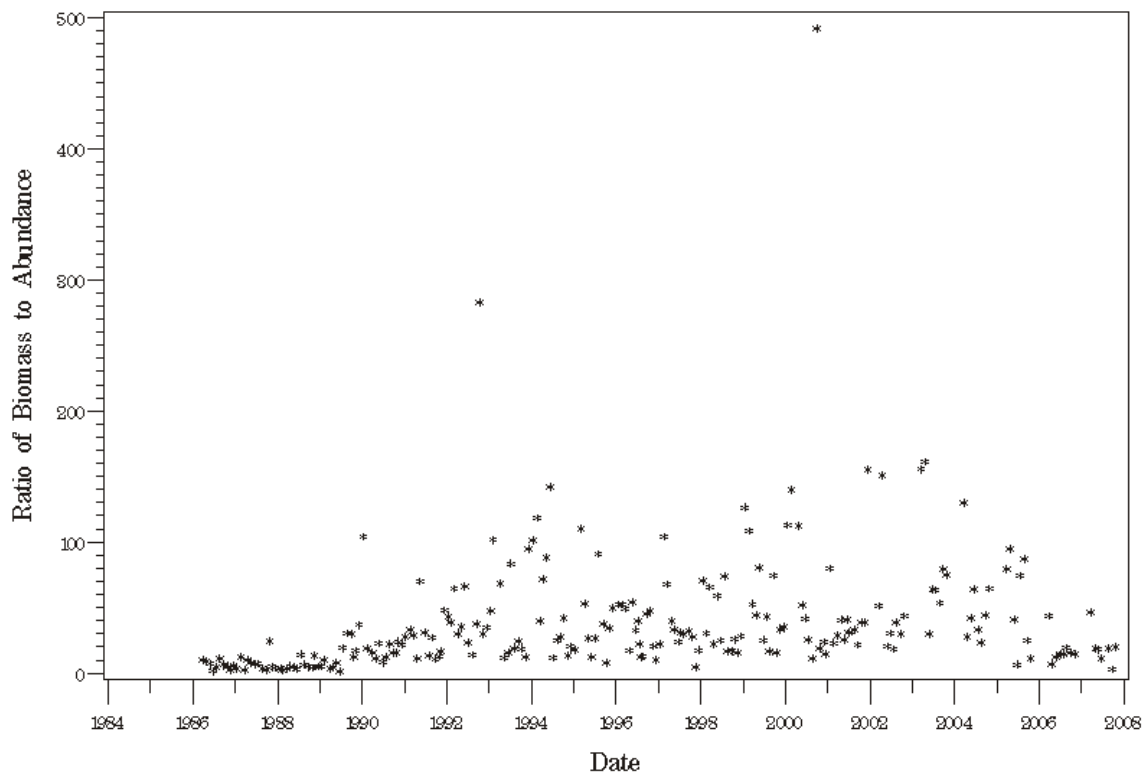


Figure F14. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station RET5.2 for the period of 1985 through 2007.



## AP — RET5.2

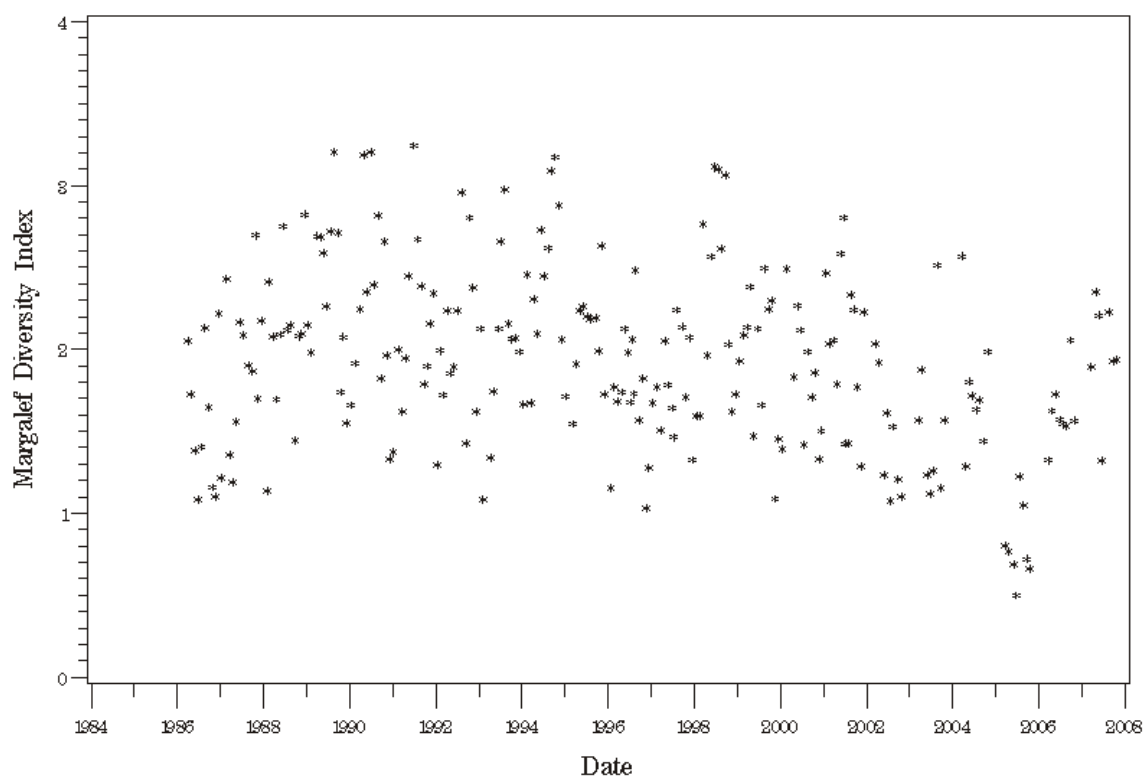


Figure F15. Plot of above pycnocline Margalef diversity index against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

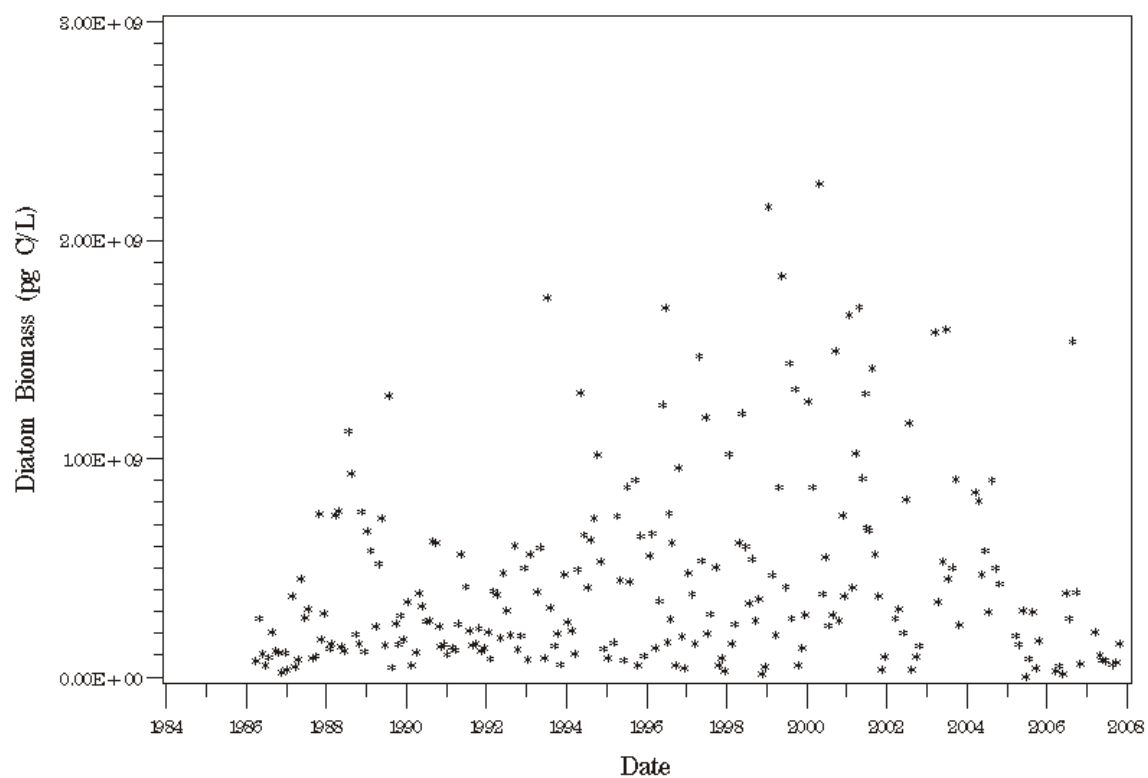


Figure F16. Plot of above pycnocline diatom biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

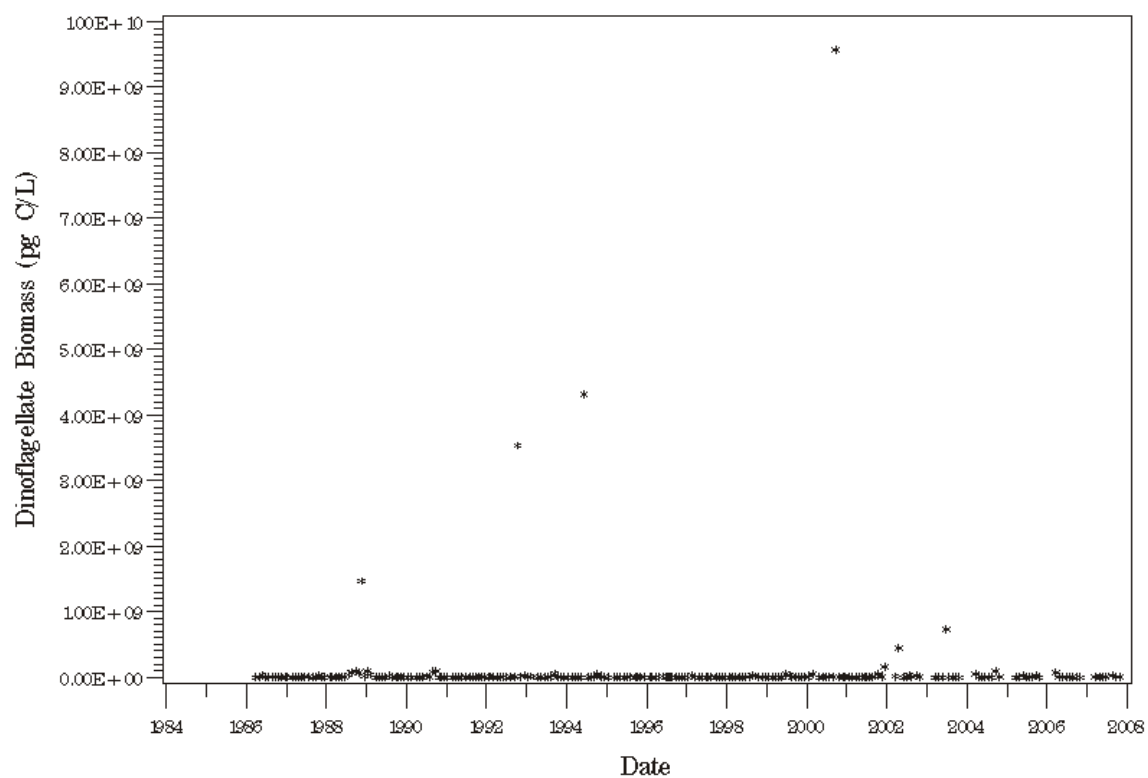


Figure F17. Plot of above pycnocline dinoflagellate biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

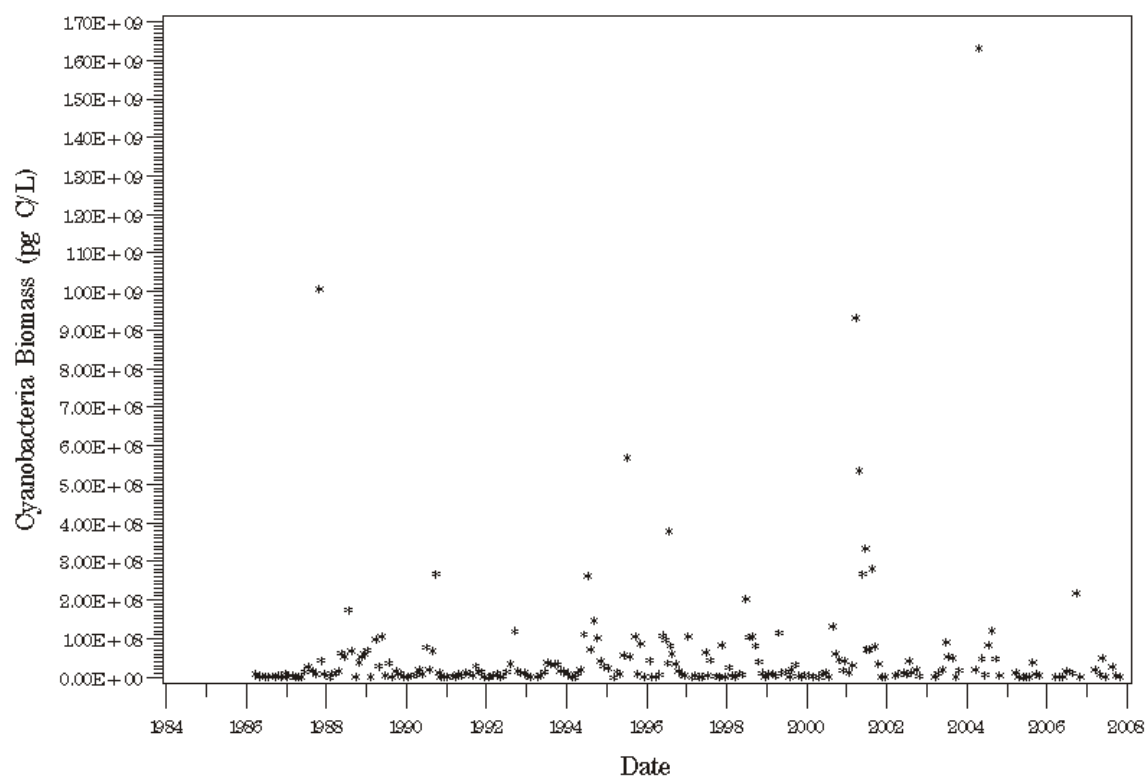


Figure F18. Plot of above pycnocline cyanobacteria biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

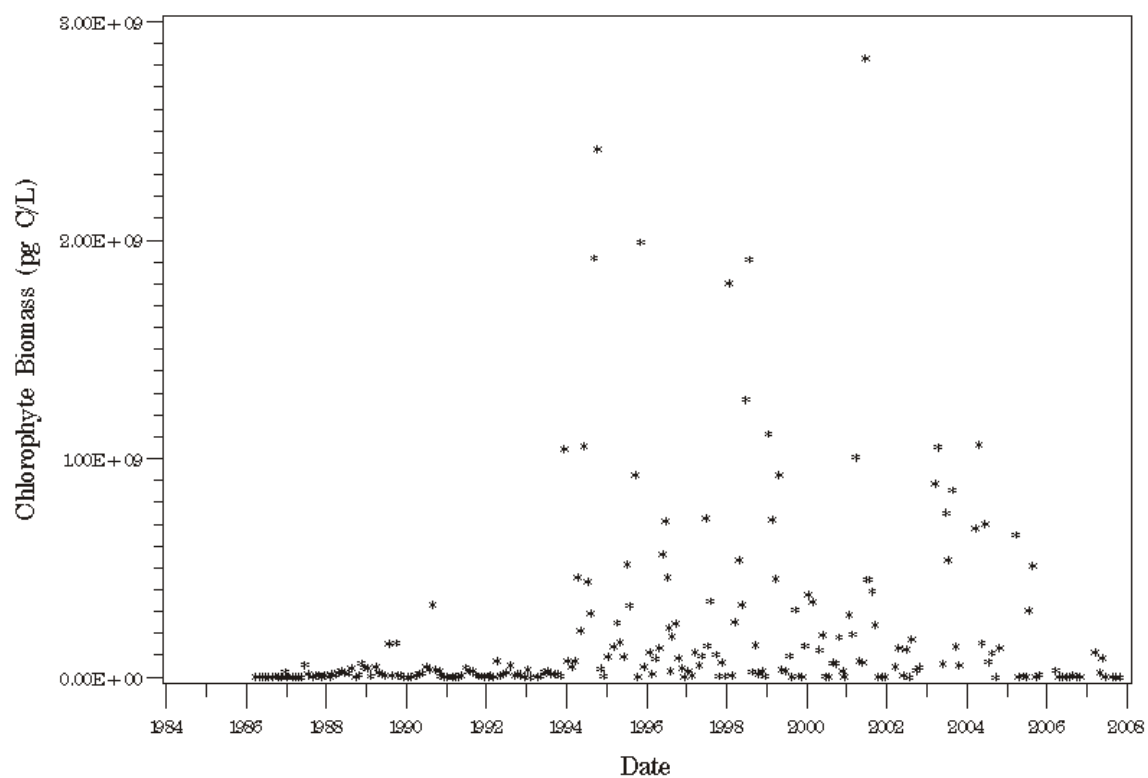


Figure F19. Plot of above pycnocline chlorophyte biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

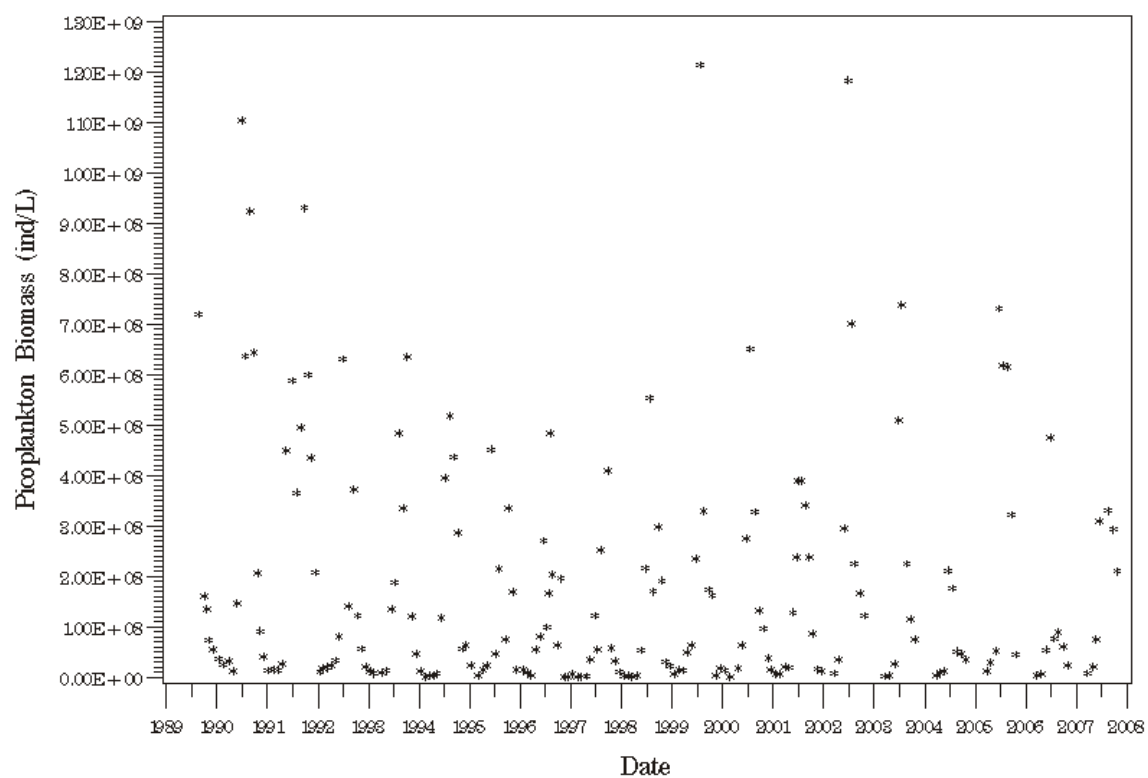


Figure F20. Plot of above pycnocline picoplankton biomass against time at station RET5.2 for the period of 1985 through 2007.

## AP — RET5.2

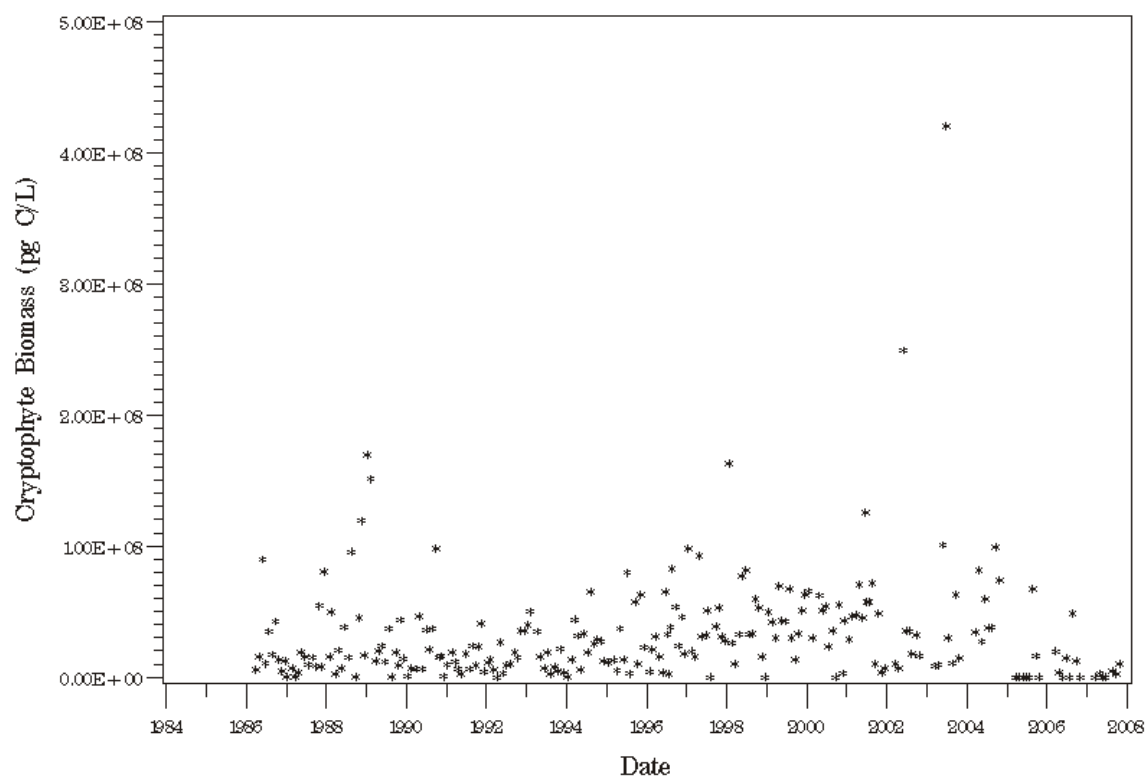


Figure F21. Plot of above pycnocline cryptophyte biomass at station RET5.2 for the period of 1985 through 2007.

## AP – RET5.2

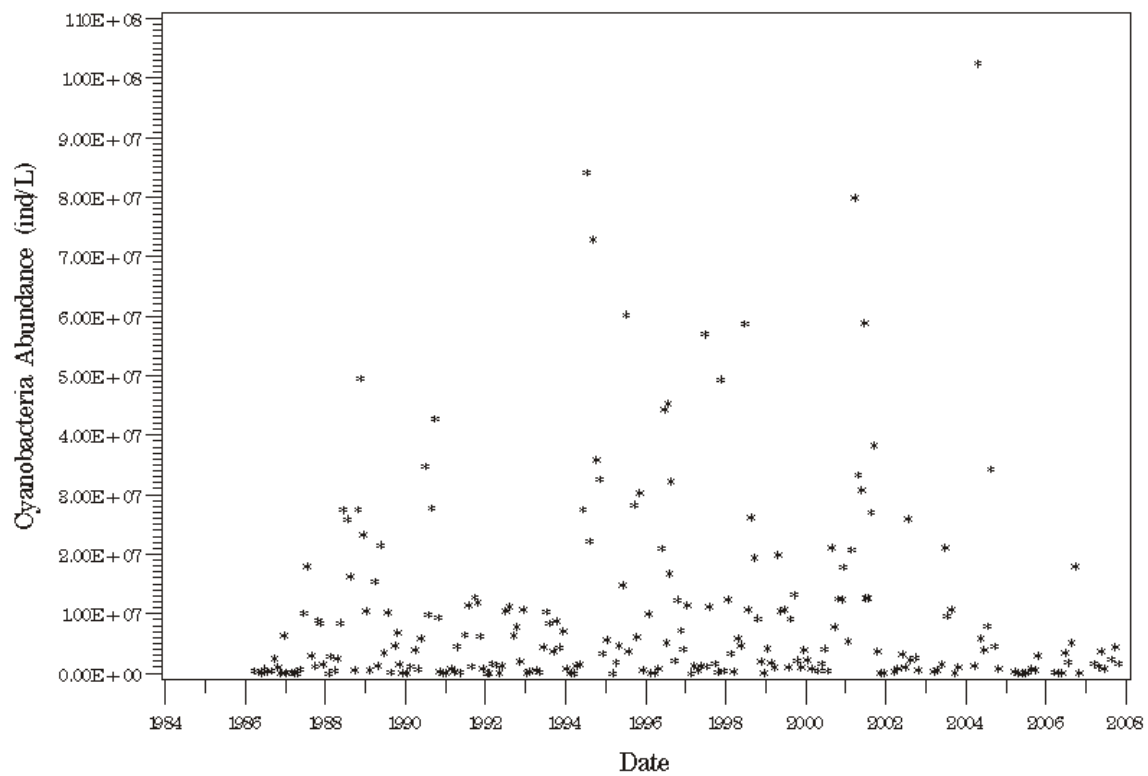


Figure F22. Plot of above pycnocline cyanophyte abundance at station RET5.2 for the period of 1985 through 2007.



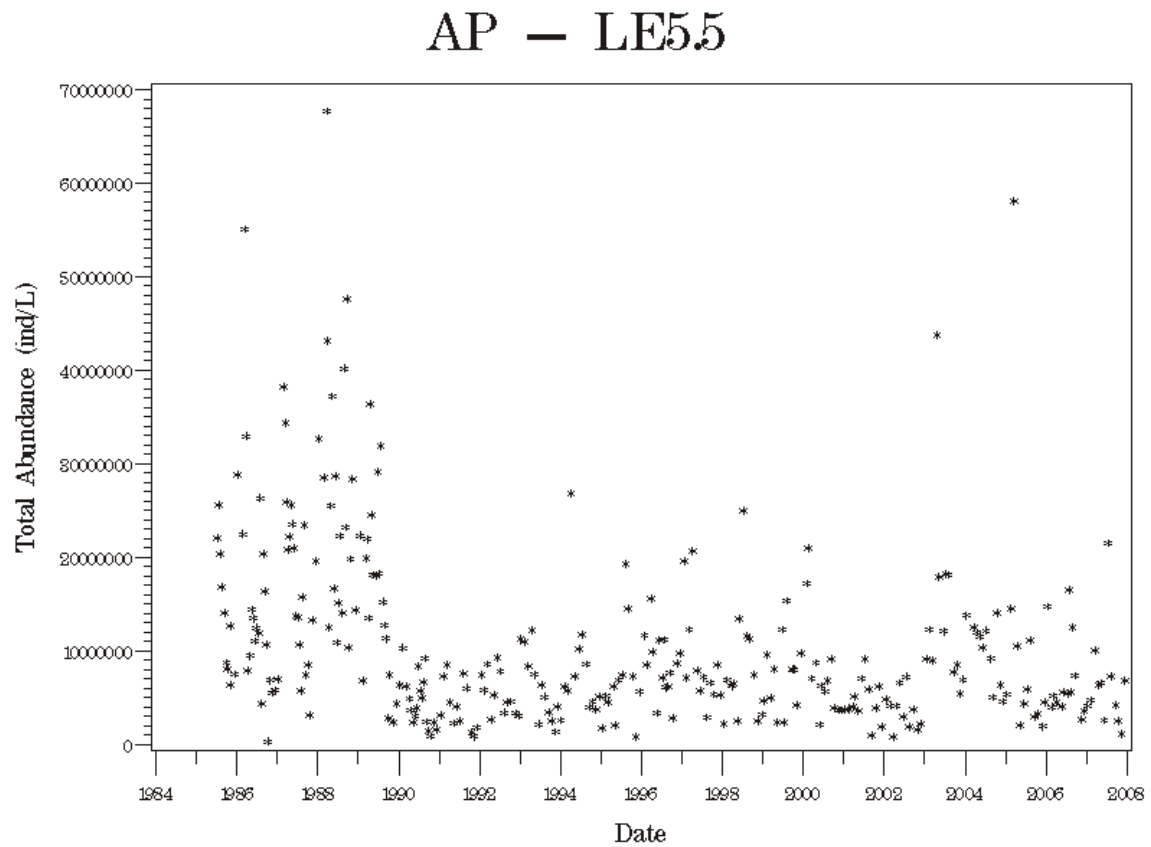


Figure F23. Plot of above pycnocline total phytoplankton abundance against time at station LE5.5 for the period of 1985 through 2007.

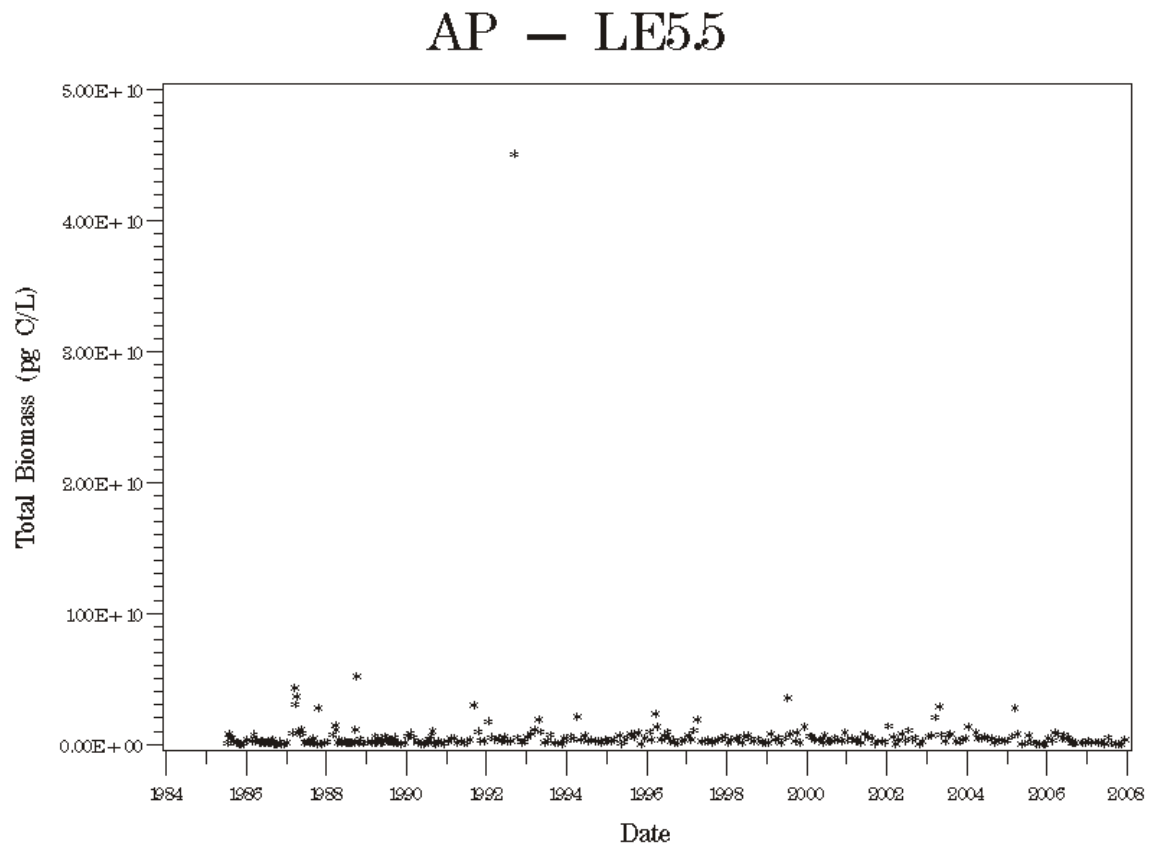


Figure F24. Plot of above pycnocline total phytoplankton biomass against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

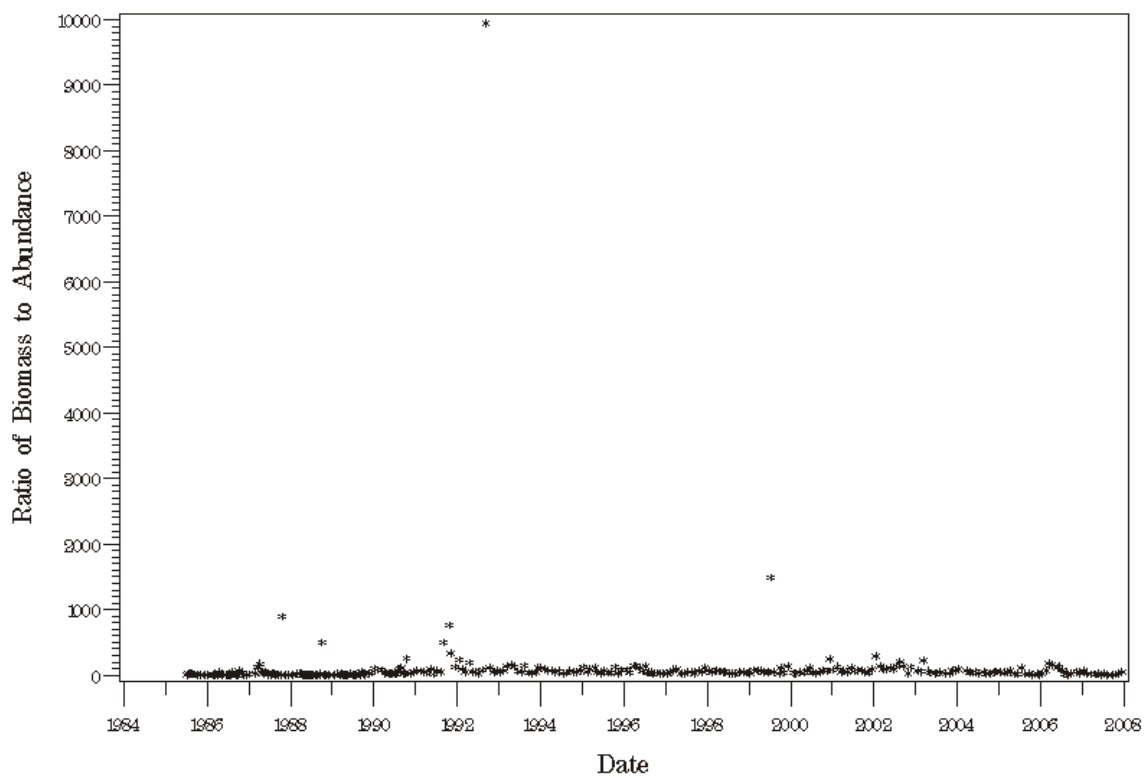


Figure F25. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

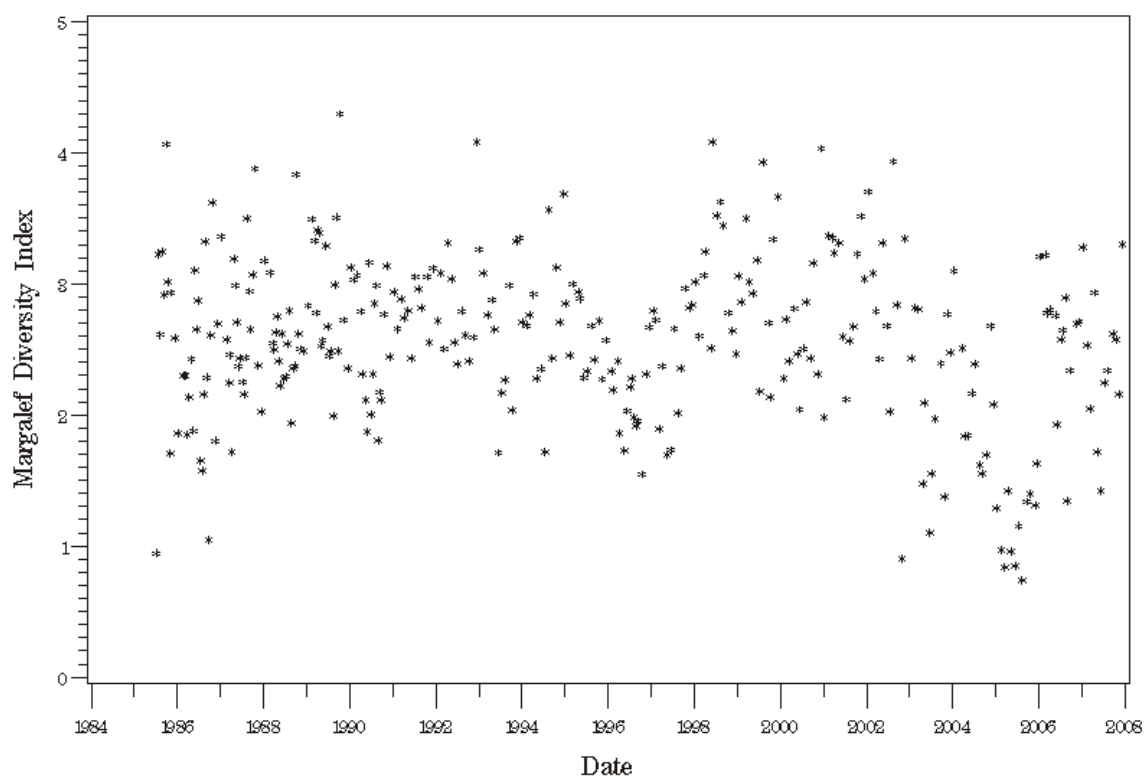


Figure F26. Plot of above pycnocline Margalef diversity index against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

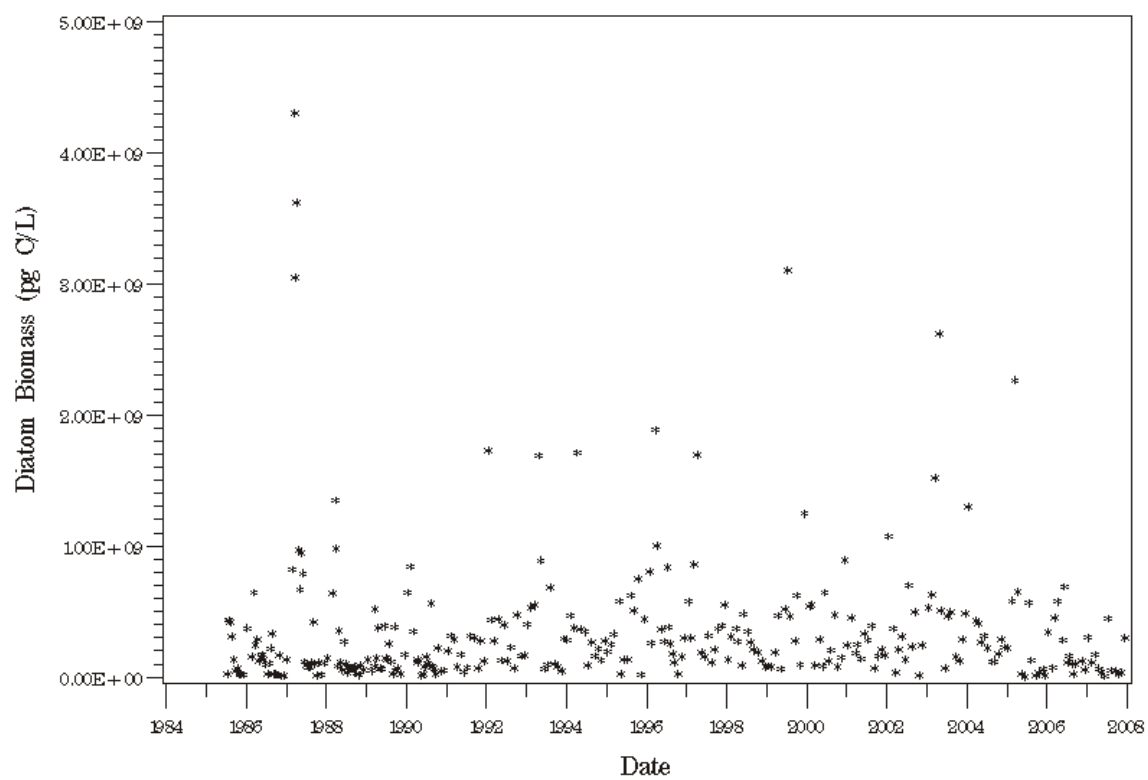


Figure F27. Plot of above pycnocline diatom biomass against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

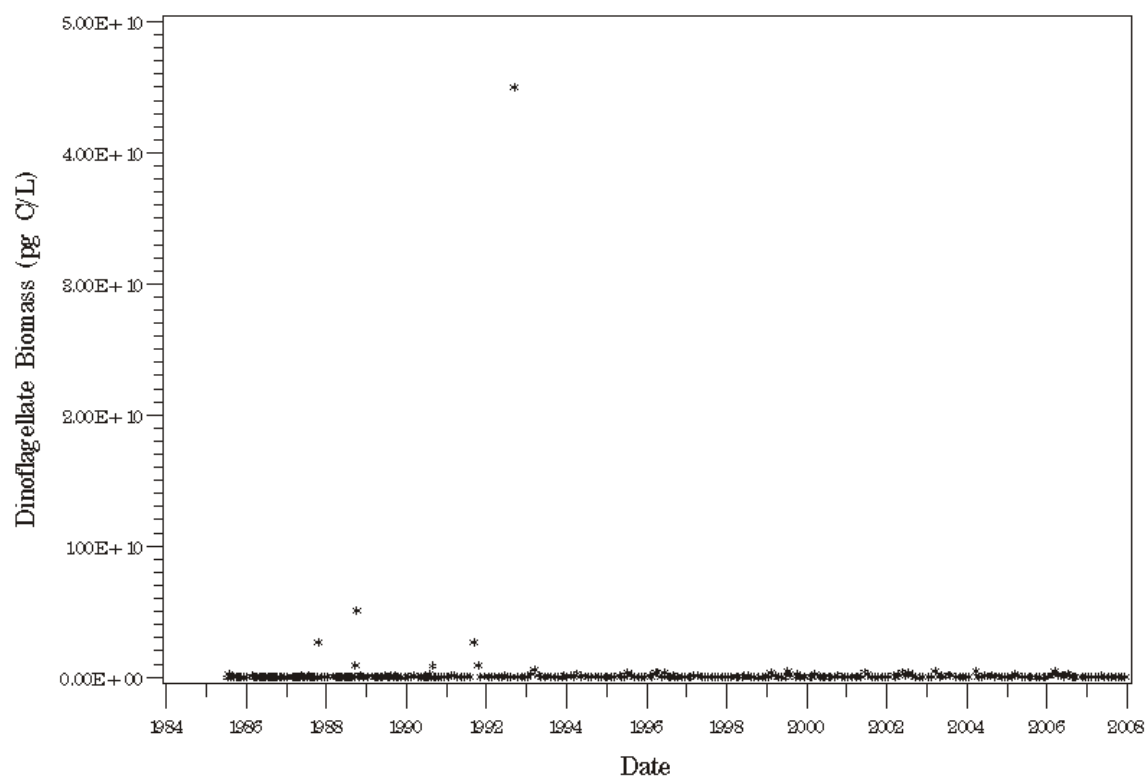


Figure F28. Plot of above pycnocline dinoflagellate biomass against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

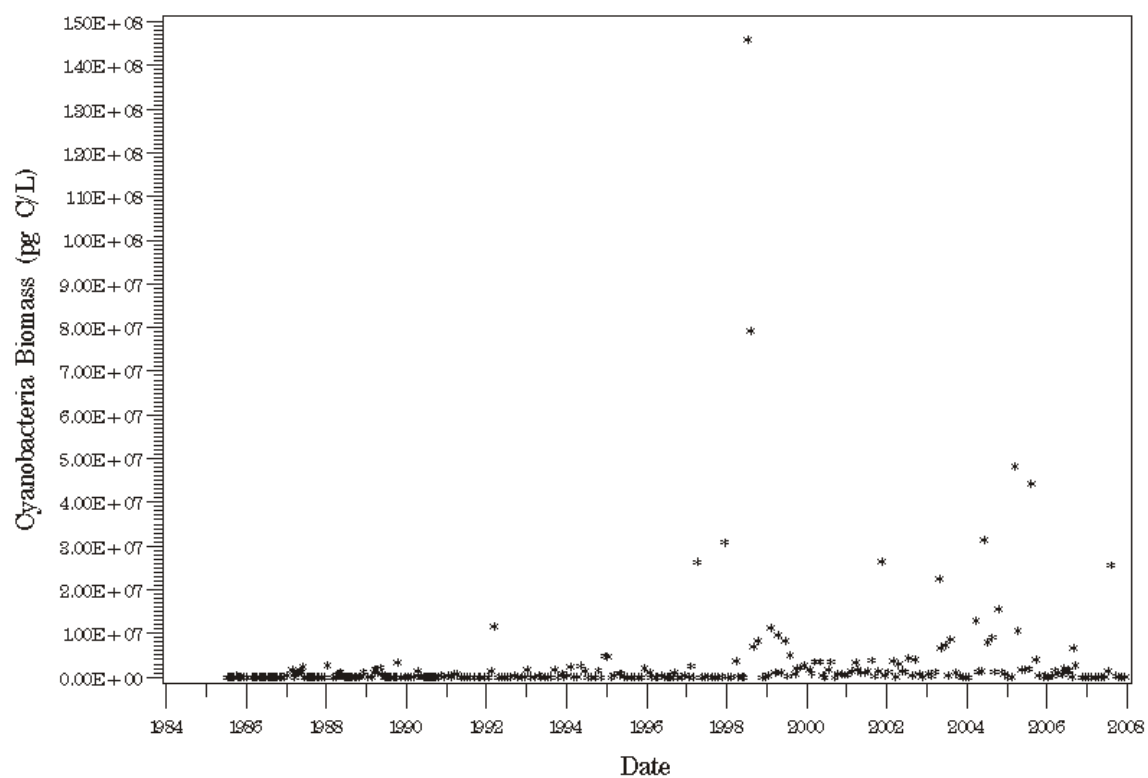


Figure F29. Plot of above pycnocline cyanobacteria biomass against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

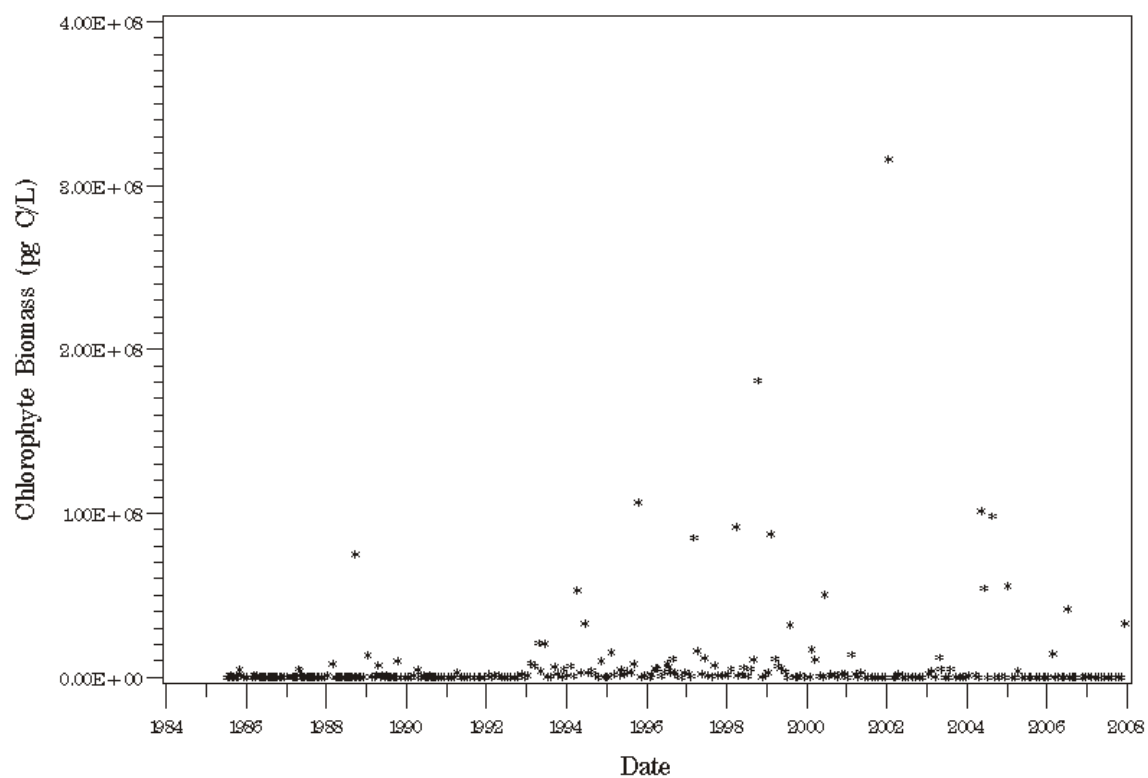


Figure F30. Plot of above pycnocline chlorophyte biomass against time at station LE5.5 for the period of 1985 through 2007.



## AP – LE5.5

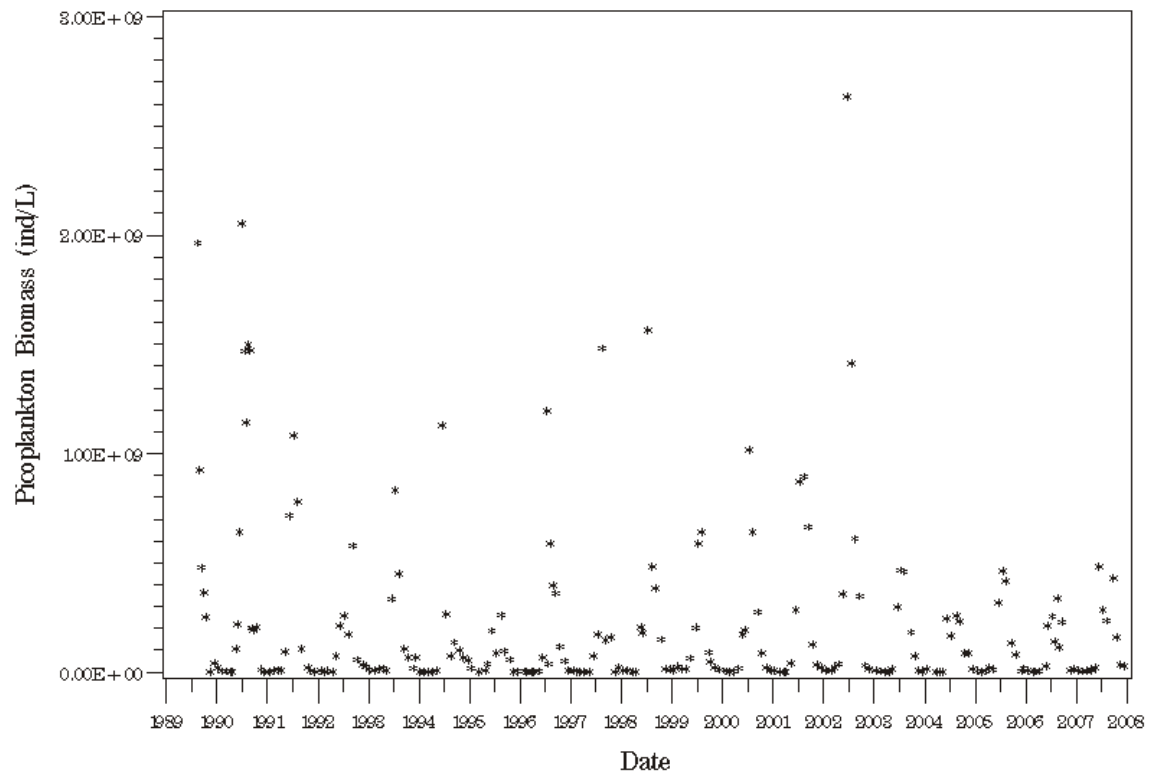


Figure F31. Plot of above pycnocline picoplankton biomass against time at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

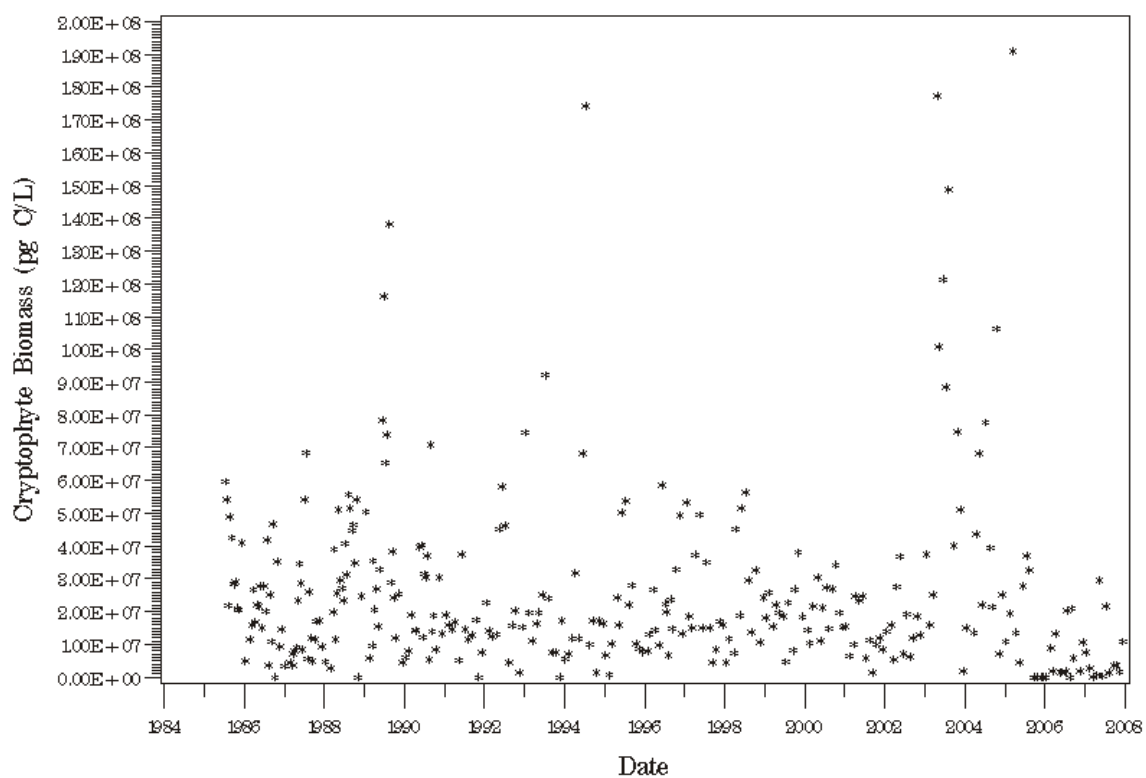


Figure F32. Plot of above pycnocline cryptophyte biomass at station LE5.5 for the period of 1985 through 2007.

## AP – LE5.5

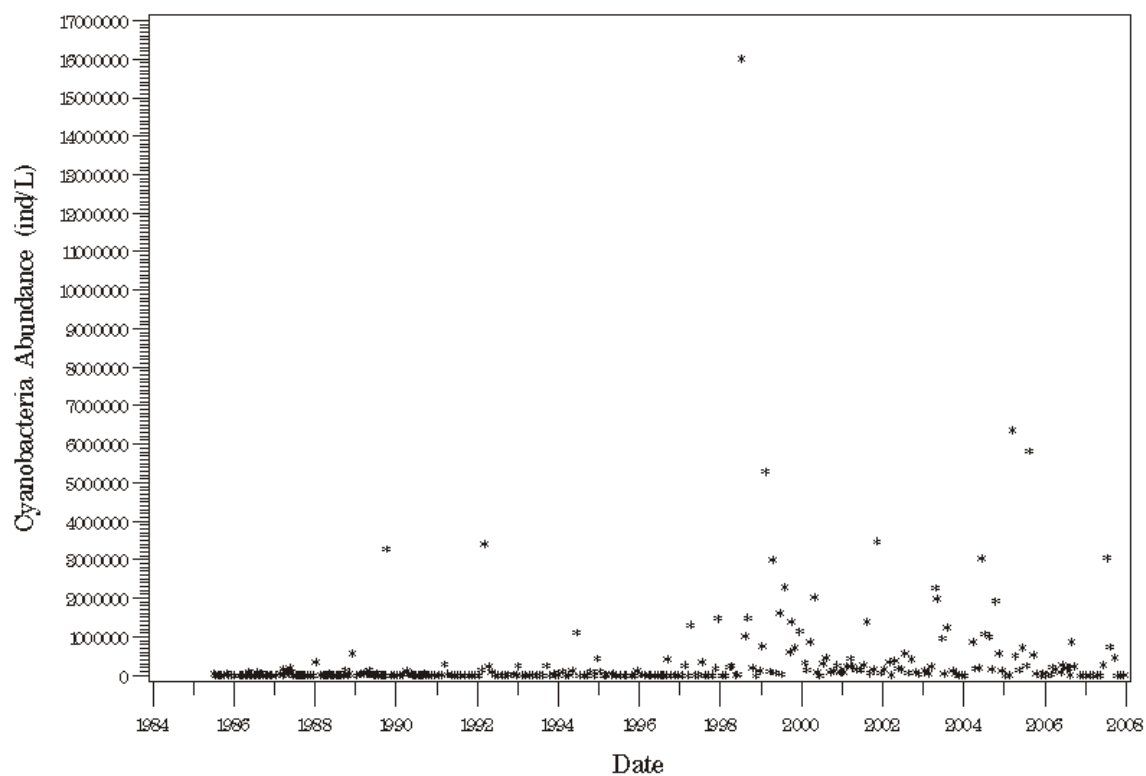


Figure F33. Plot of above pycnocline cyanophyte abundance at station LE5.5 for the period of 1985 through 2007.

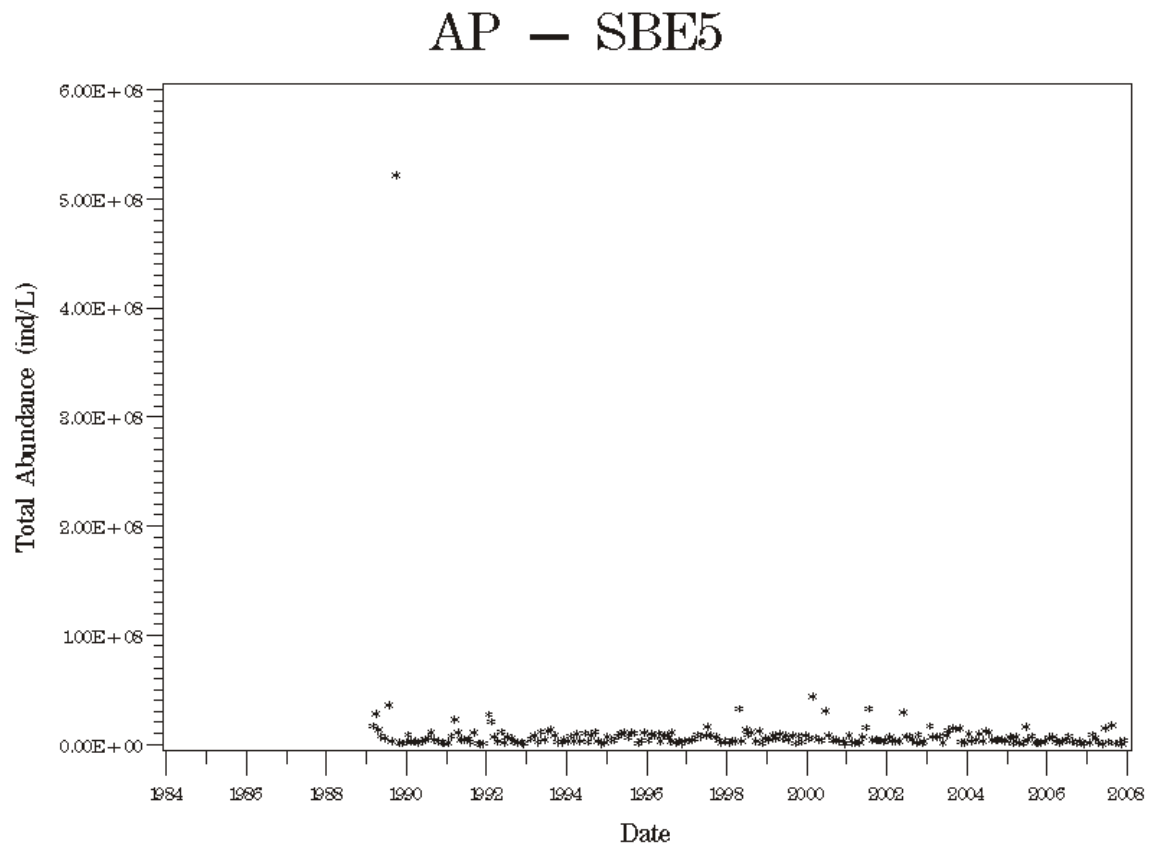


Figure F34. Plot of above pycnocline total phytoplankton abundance against time at station SBE5 for the period of 1985 through 2007.

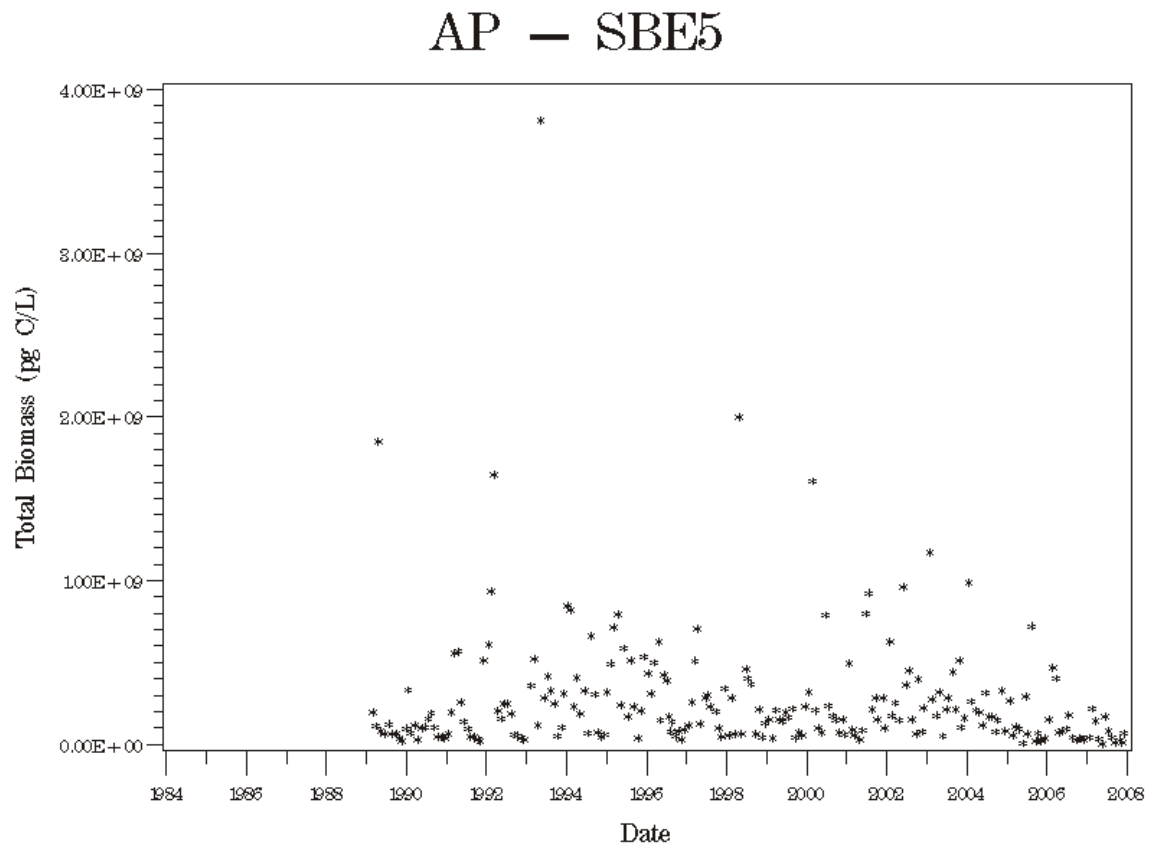


Figure F35. Plot of above pycnocline total phytoplankton biomass against time at station SBE5 for the period of 1985 through 2007.

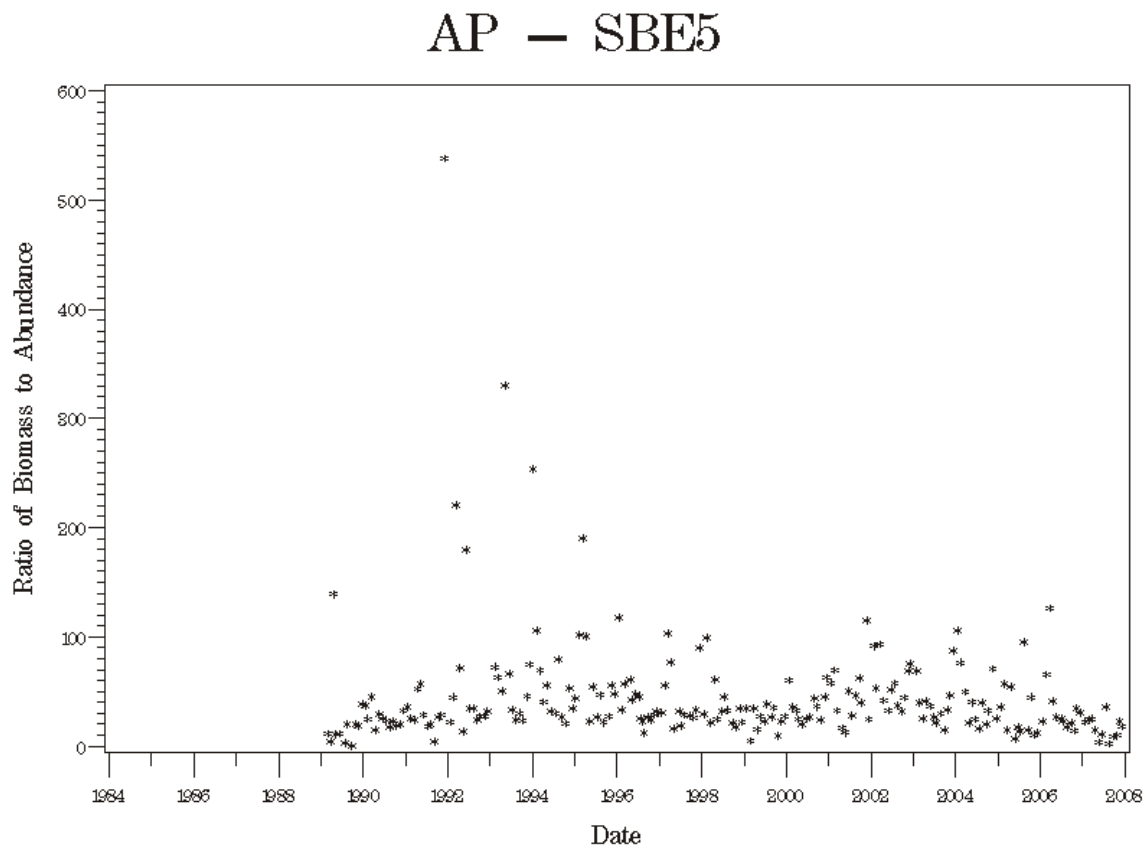


Figure F36. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station SBE5 for the period of 1985 through 2007.

## AP — SBE5

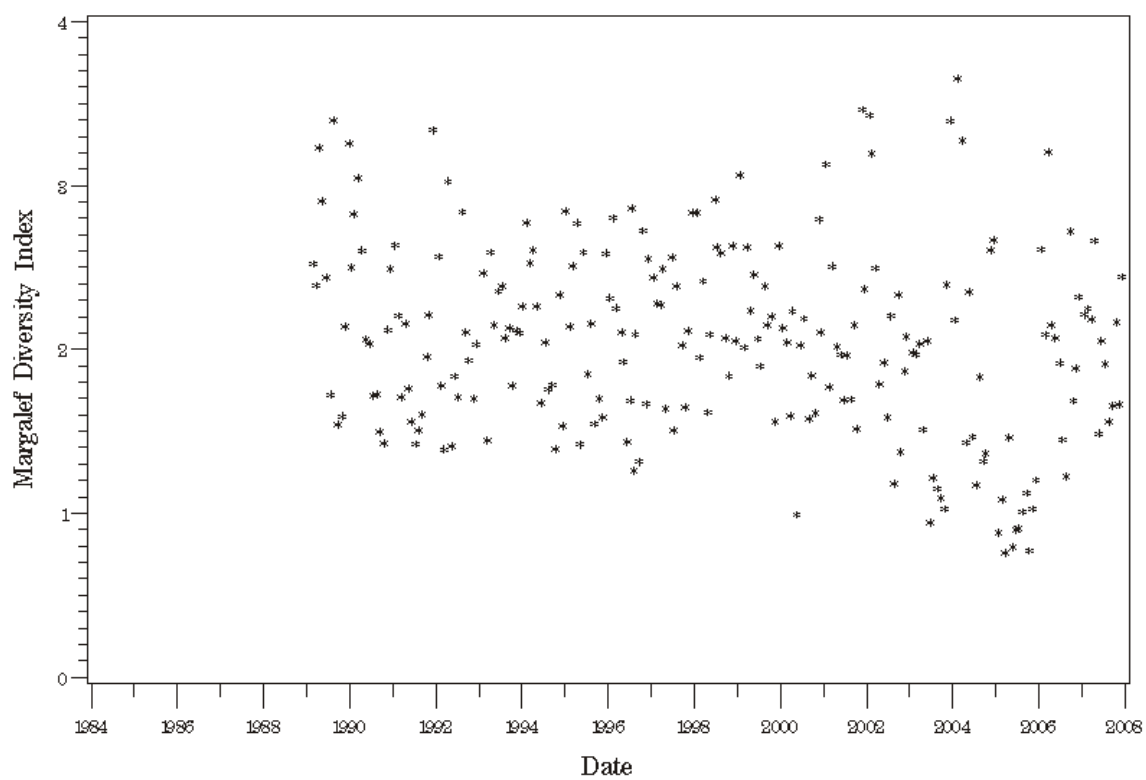


Figure F37. Plot of above pycnocline Margalef diversity index against time at station SBE5 for the period of 1985 through 2007.

## AP – SBE5

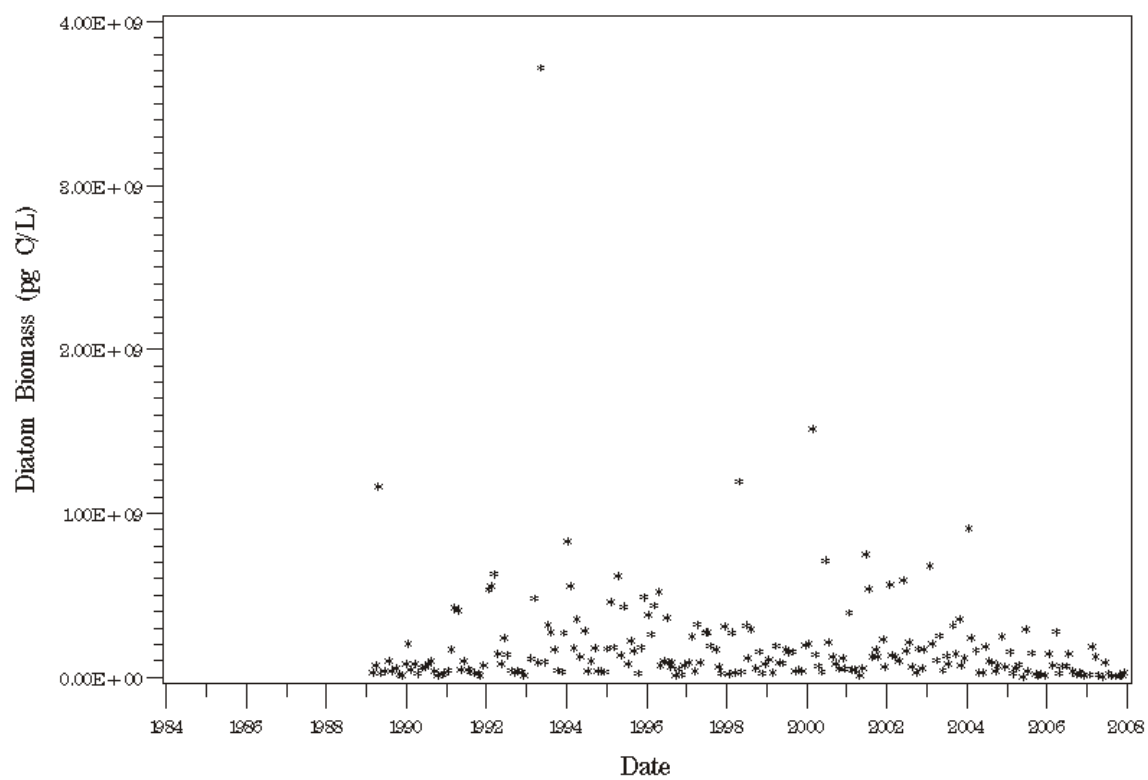


Figure F38. Plot of above pycnocline diatom biomass against time at station SBE5 for the period of 1985 through 2007.



## AP – SBE5

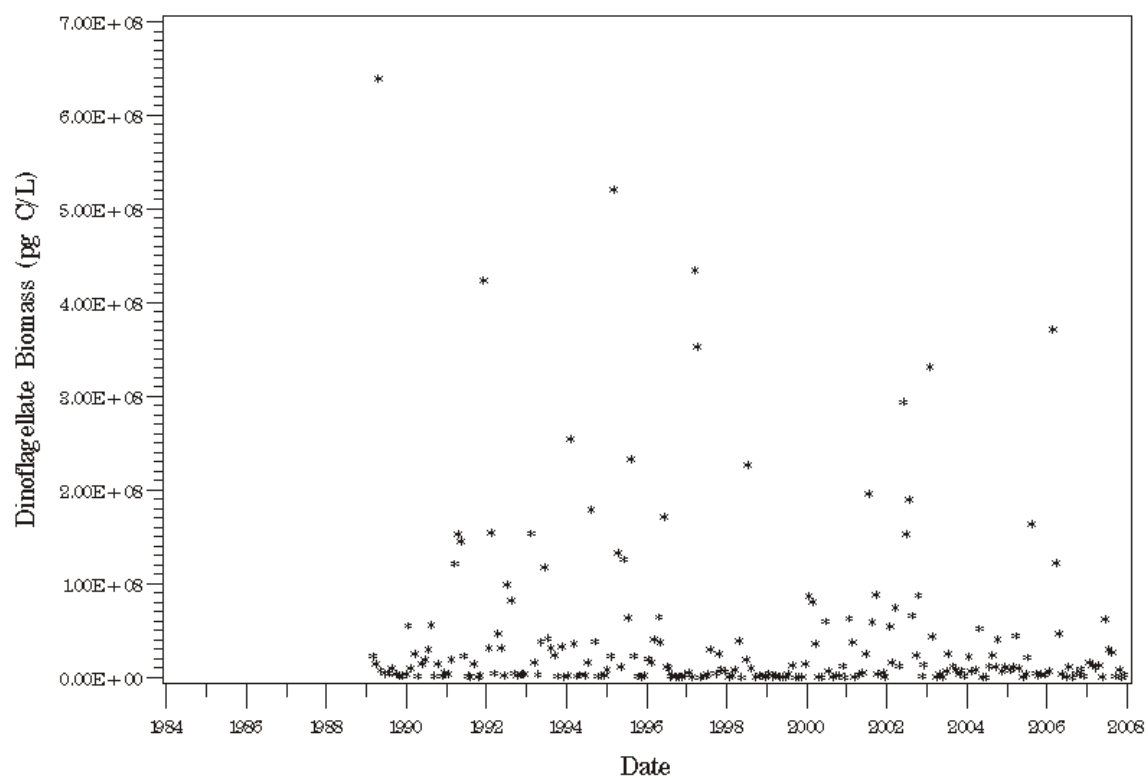


Figure F39. Plot of above pycnocline dinoflagellate biomass against time at station SBE5 for the period of 1985 through 2007.

## AP – SBE5

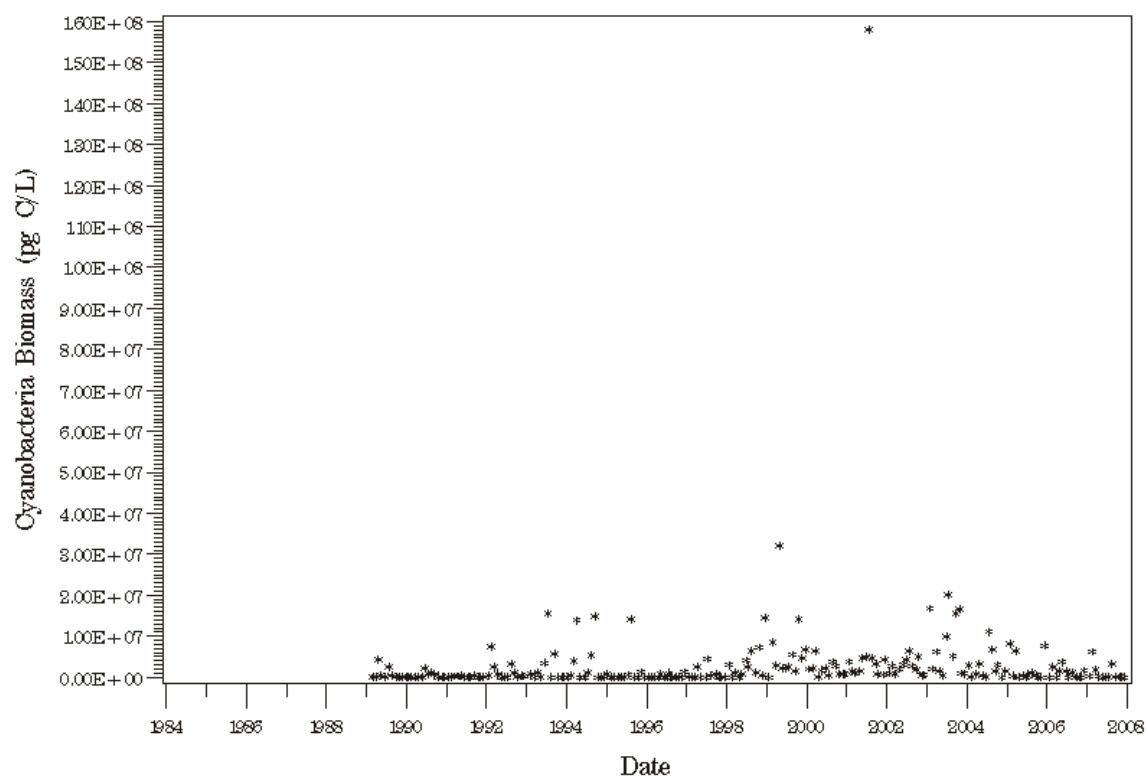


Figure F40. Plot of above pycnocline cyanobacteria biomass against time at station SBE5 for the period of 1985 through 2007.

## AP – SBE5

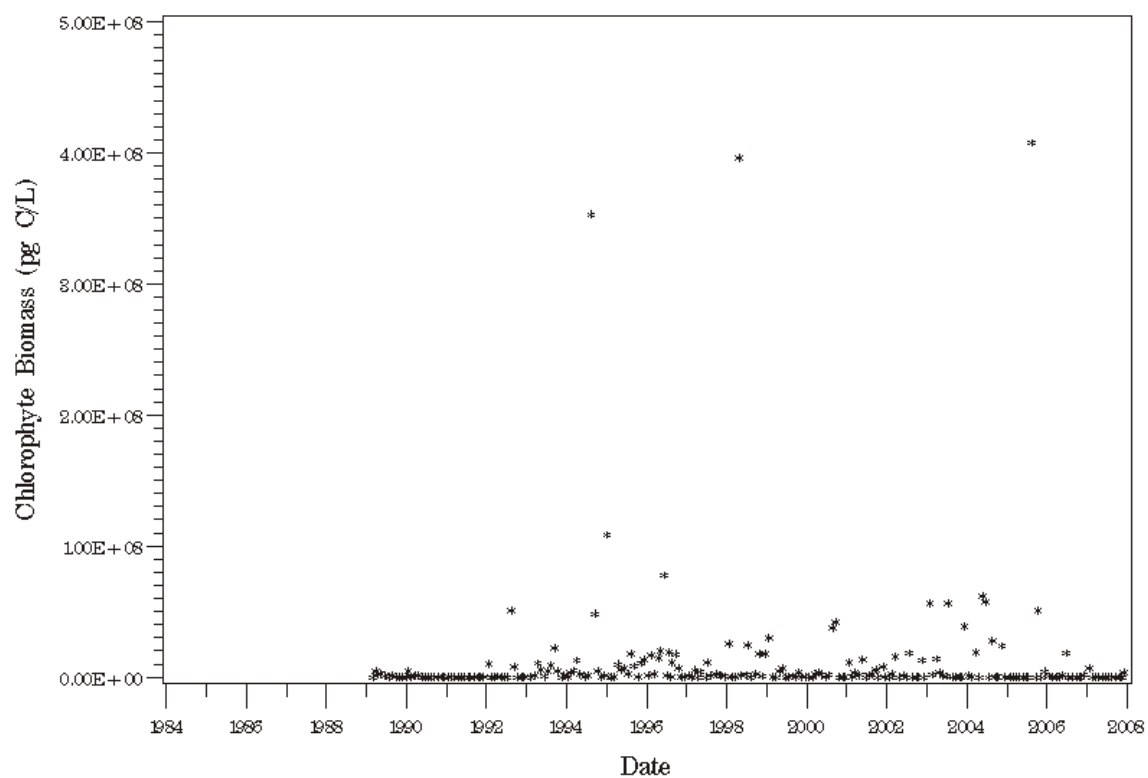


Figure F41. Plot of above pycnocline chlorophyte biomass against time at station SBE5 for the period of 1985 through 2007.

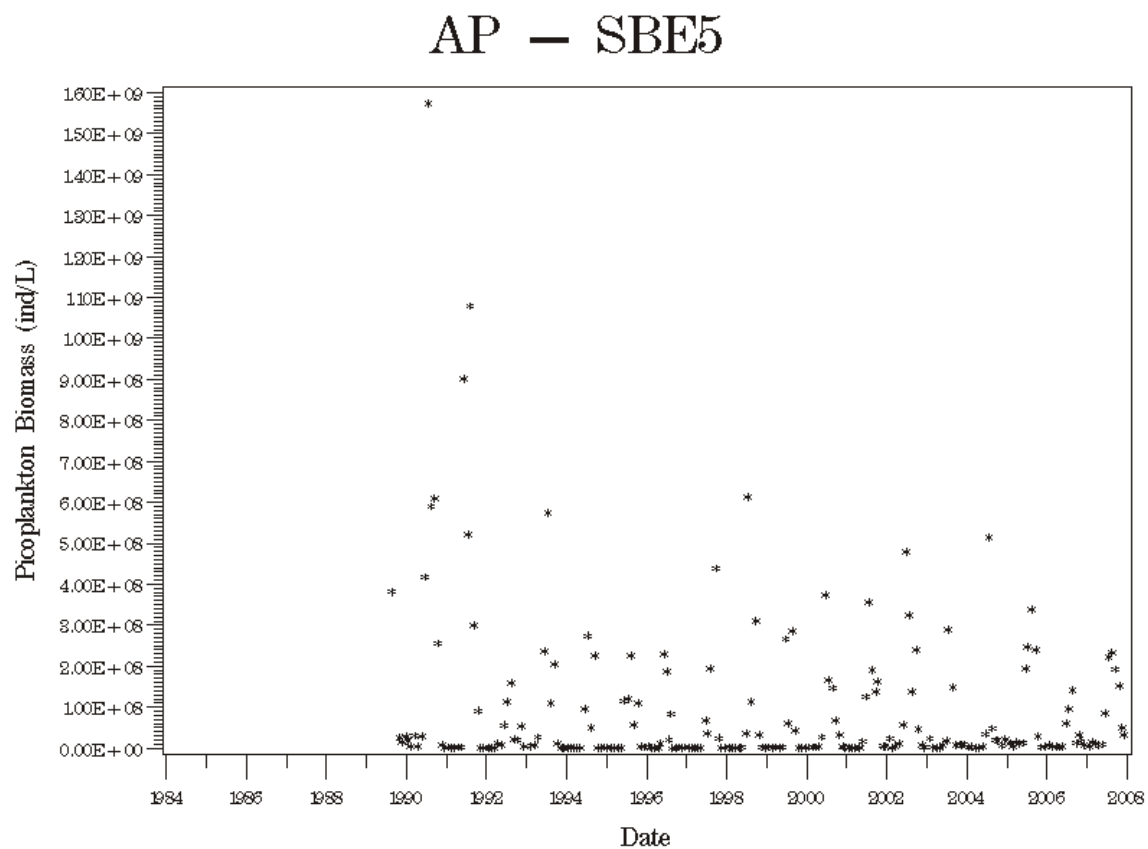


Figure F42. Plot of above pycnocline picoplankton biomass against time at station SBE5 for the period of 1985 through 2007.

## AP – SBE5

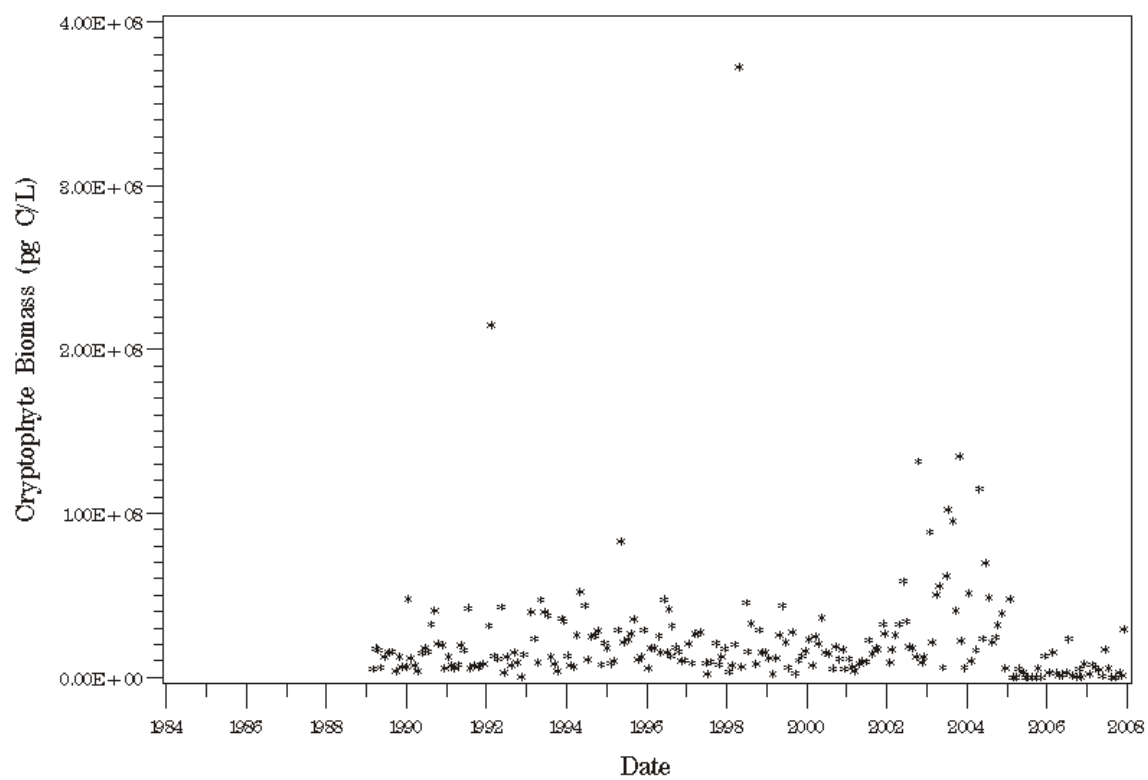


Figure F43. Plot of above pycnocline cryptophyte biomass at station SBE5 for the period of 1985 through 2007.

## AP – SBE5

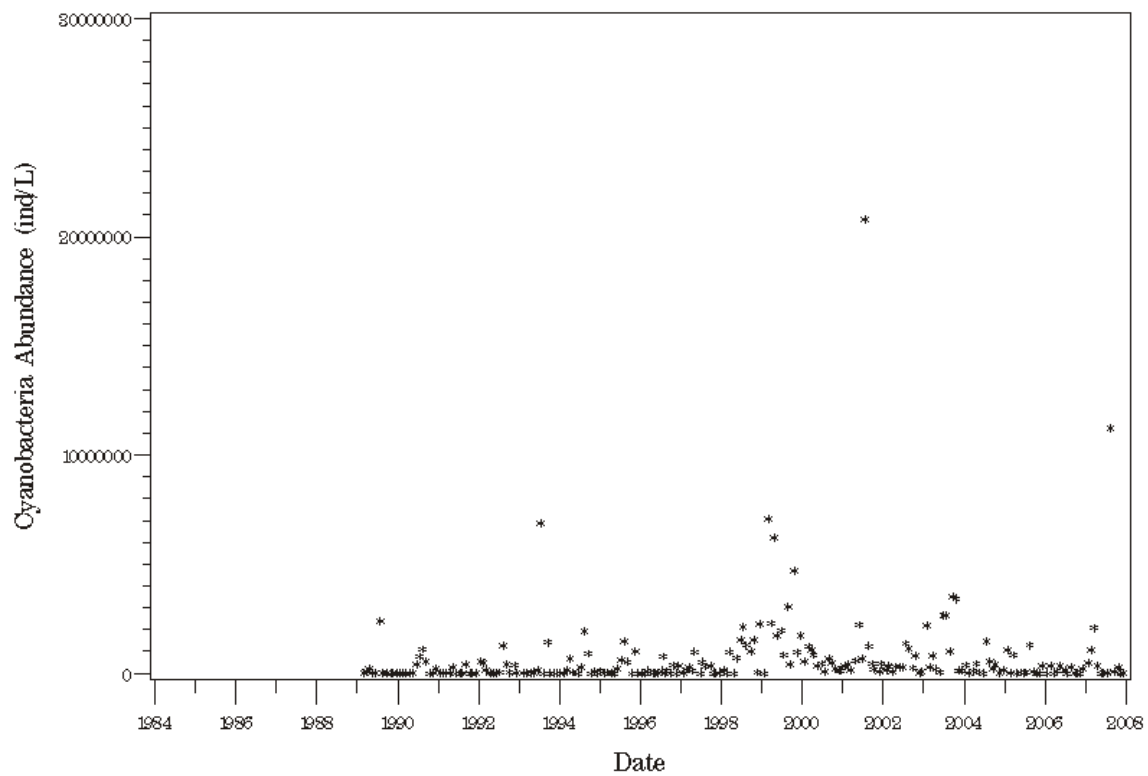


Figure F44. Plot of above pycnocline cyanophyte abundance at station SBE5 for the period of 1985 through 2007.

## AP – TF4.2

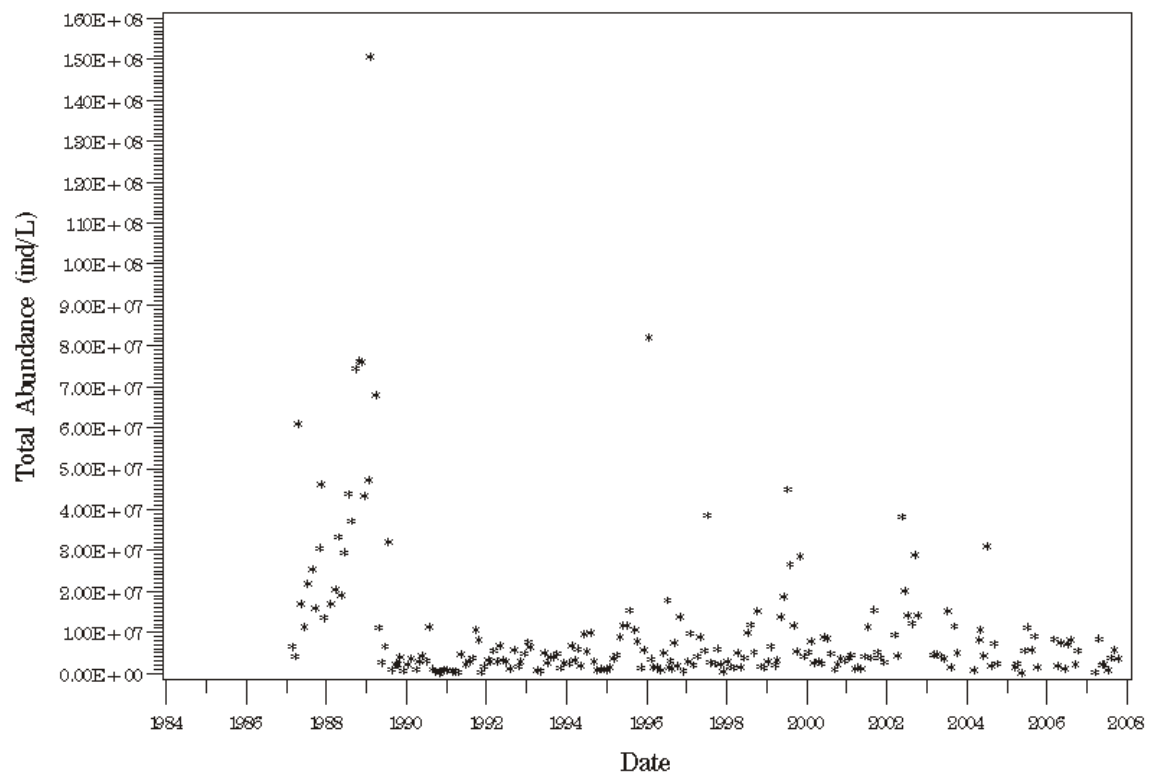


Figure F45. Plot of above pycnocline total phytoplankton abundance against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

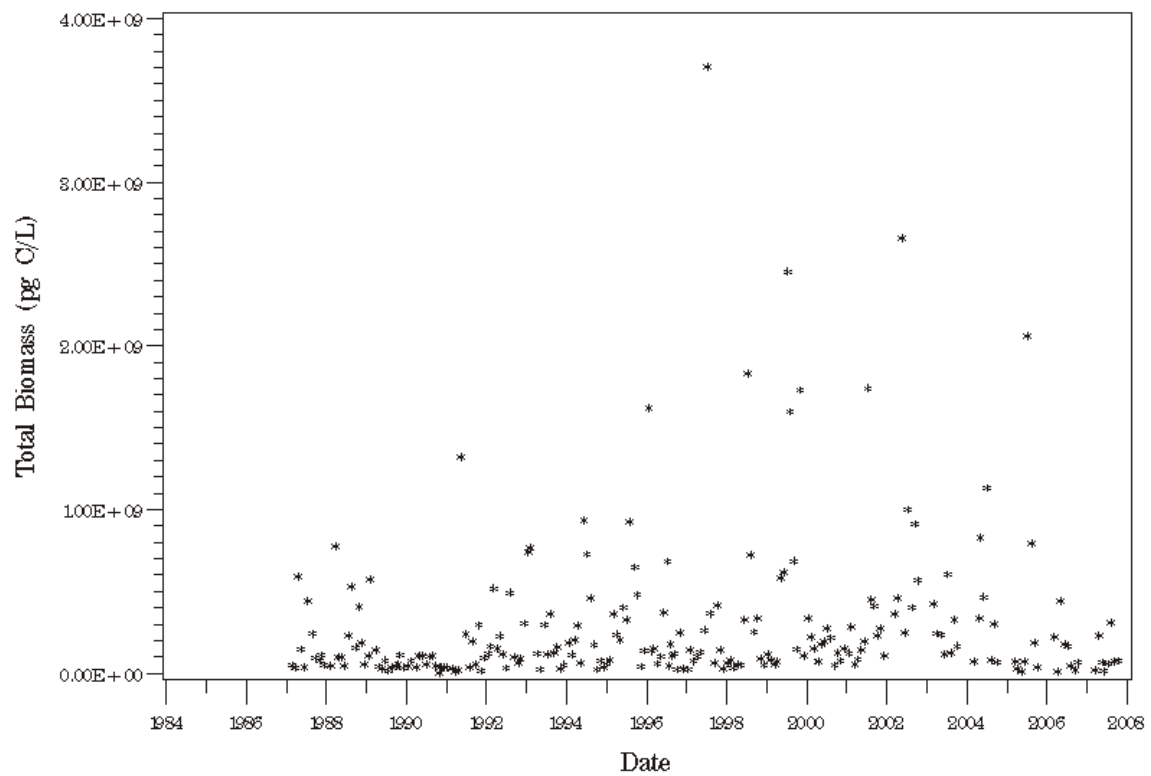


Figure F46. Plot of above pycnocline total phytoplankton biomass against time at station TF4.2 for the period of 1985 through 2007.



## AP – TF4.2

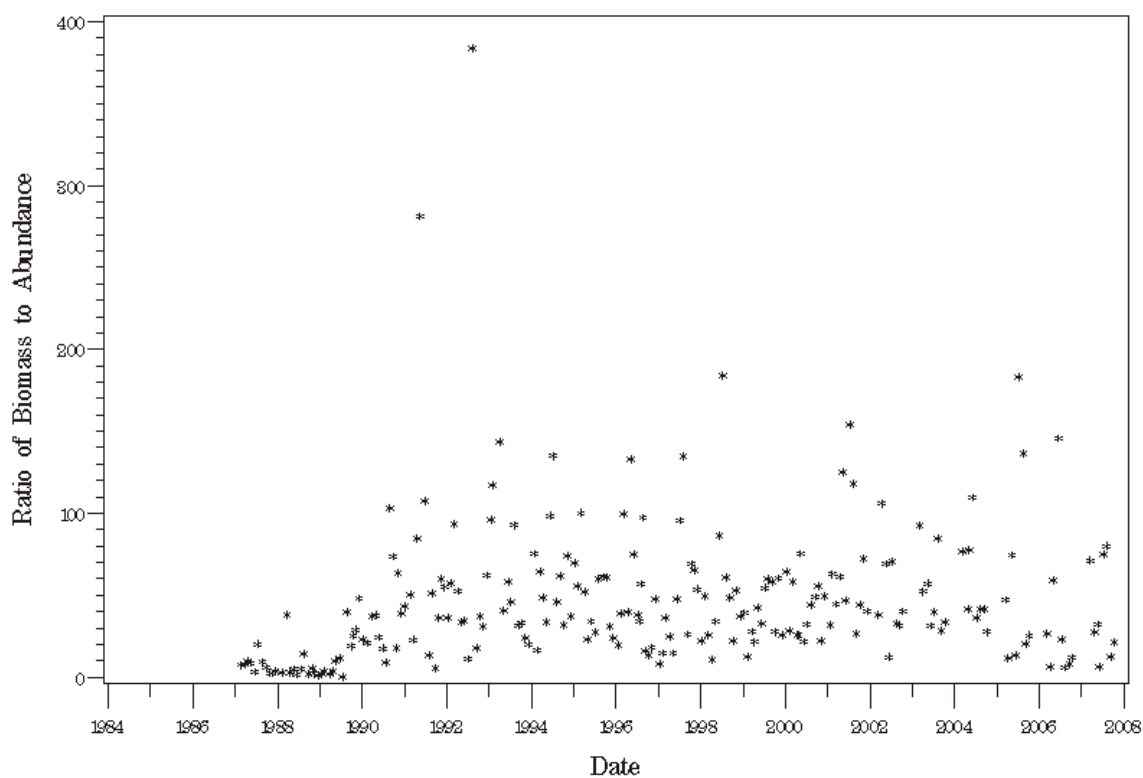


Figure F47. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

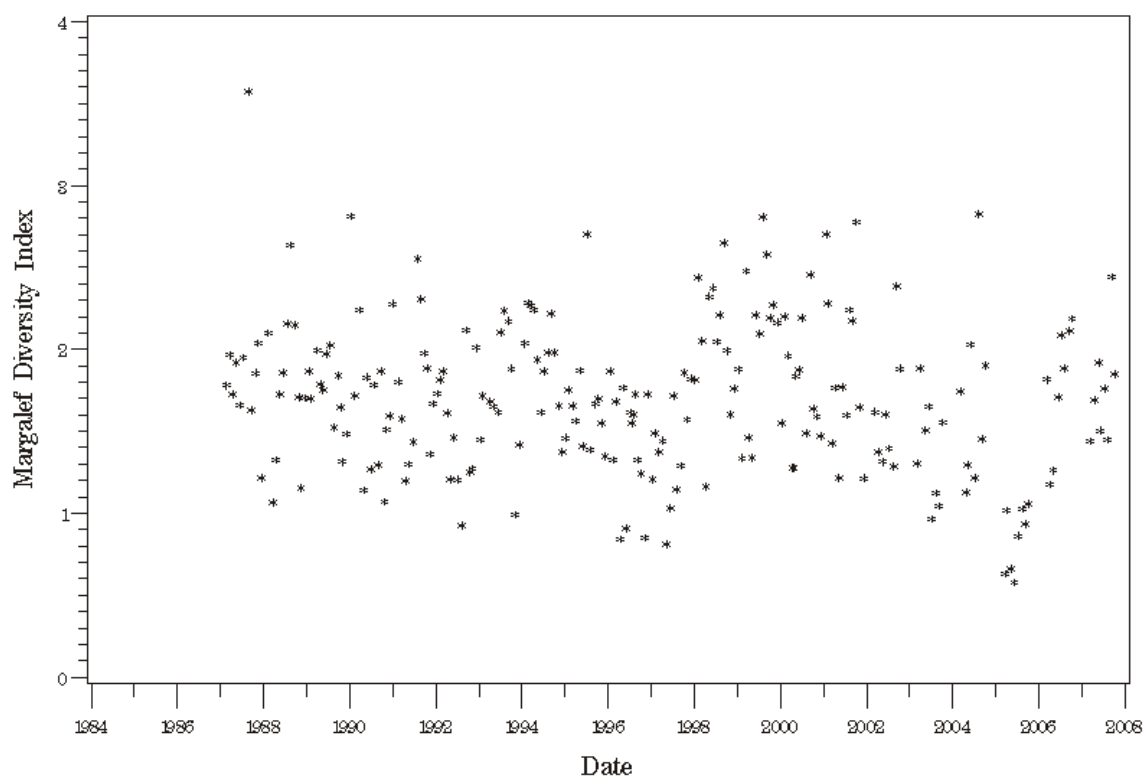


Figure F48. Plot of above pycnocline Margalef diversity index against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

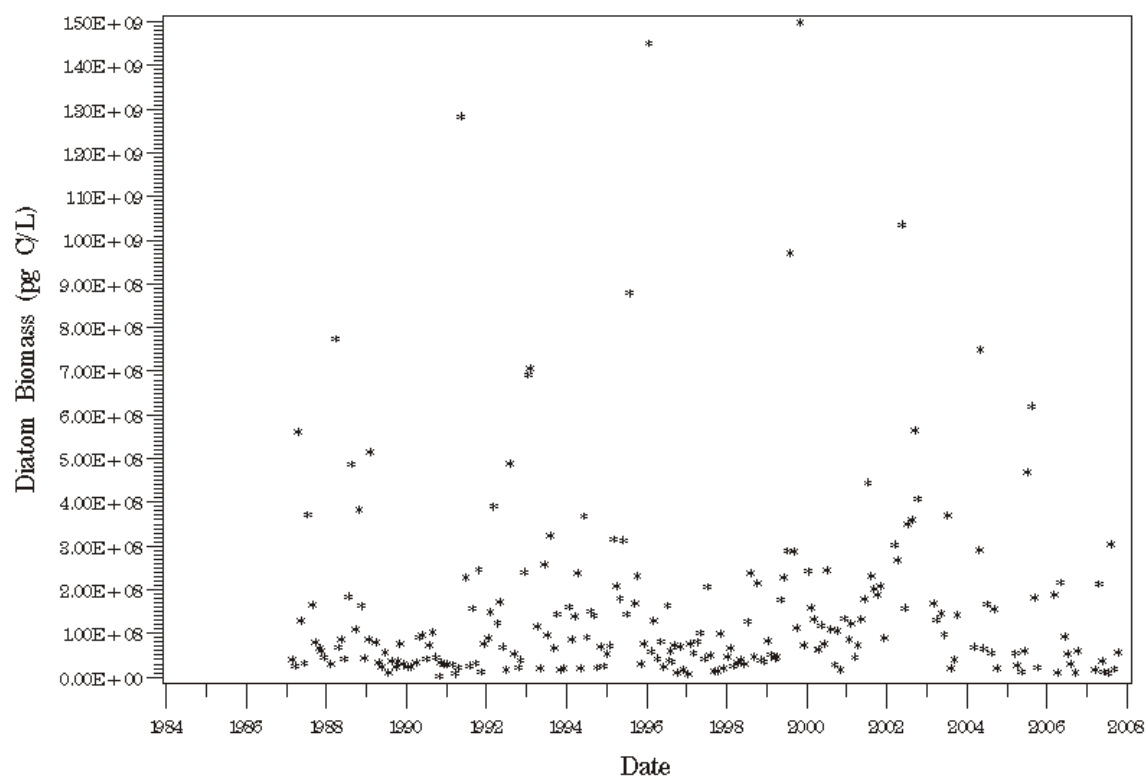


Figure F49. Plot of above pycnocline diatom biomass against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

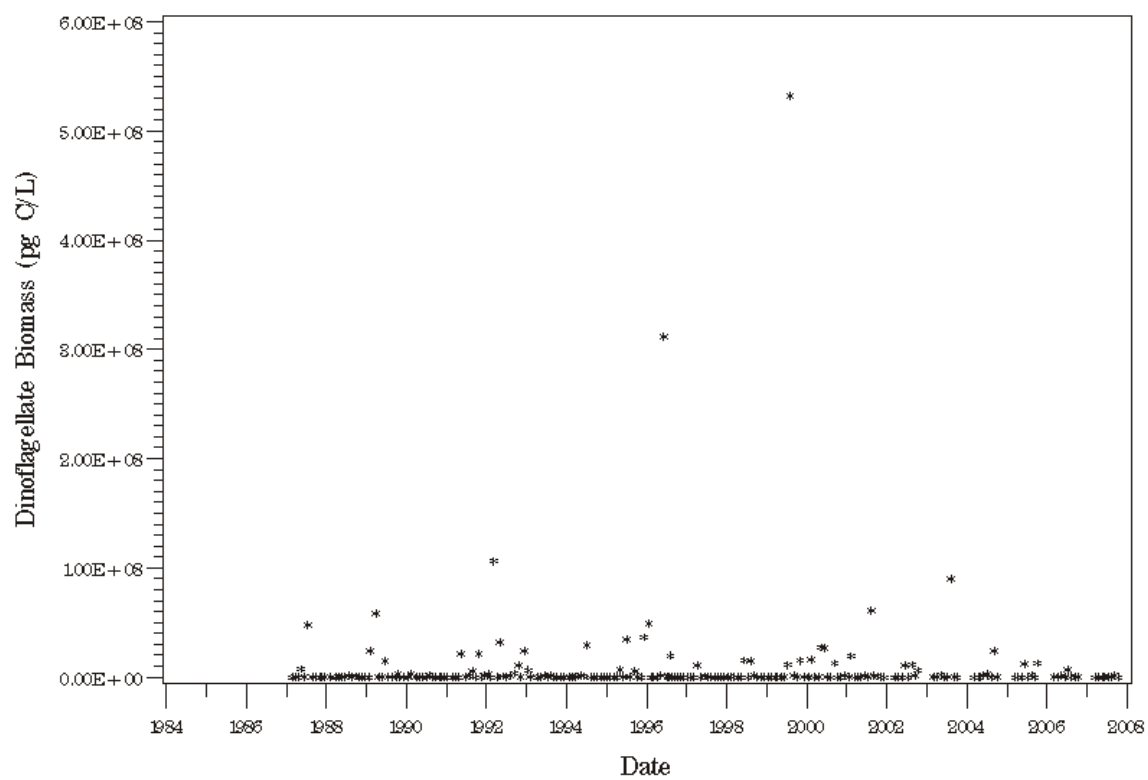


Figure F50. Plot of above pycnocline dinoflagellate biomass against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

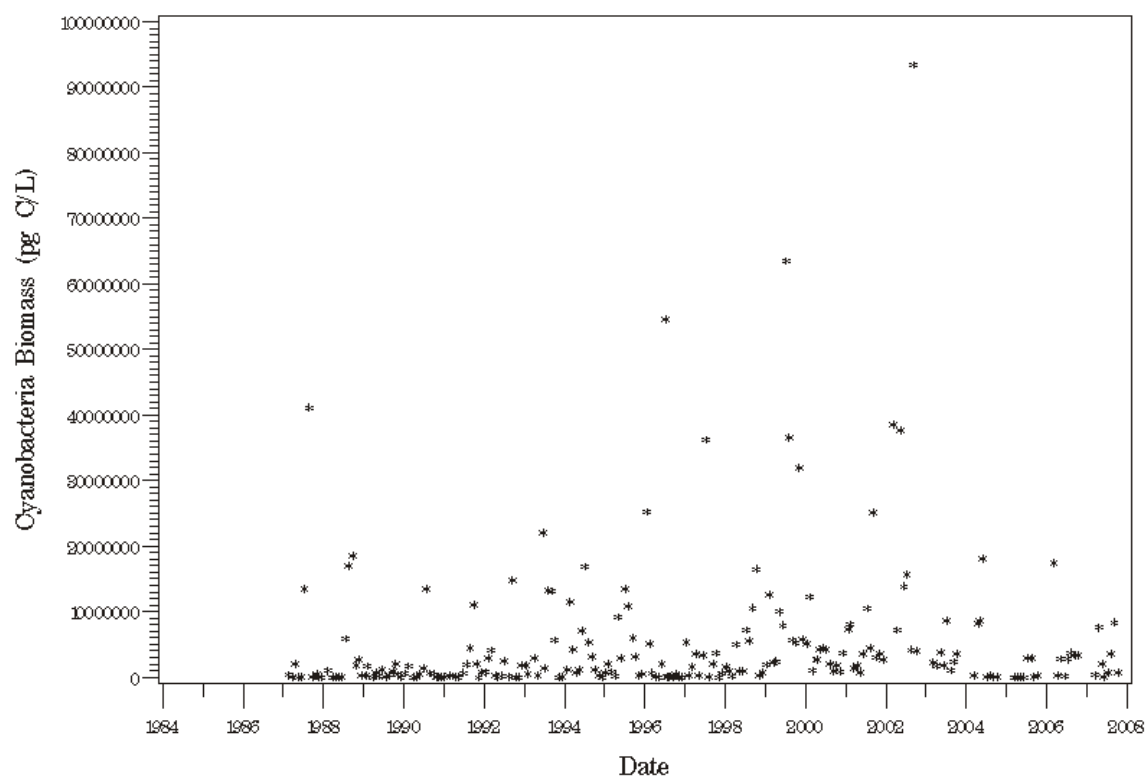


Figure F51. Plot of above pycnocline cyanobacteria biomass against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

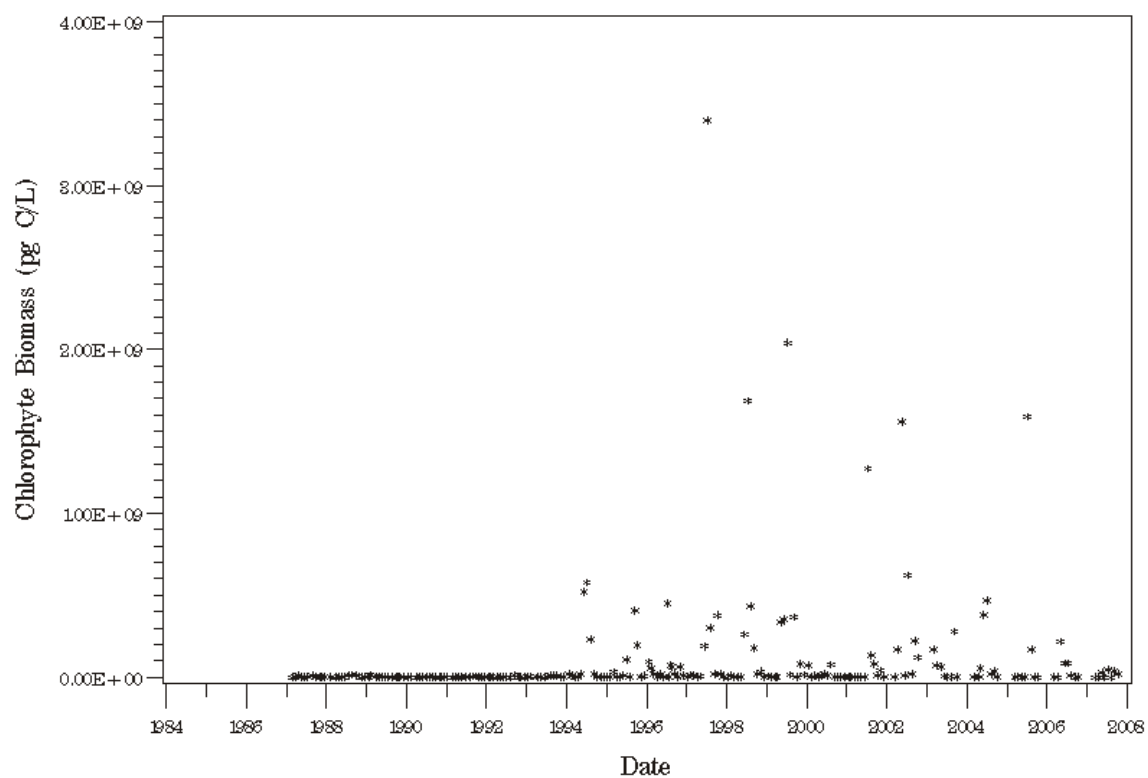


Figure F52. Plot of above pycnocline chlorophyte biomass against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

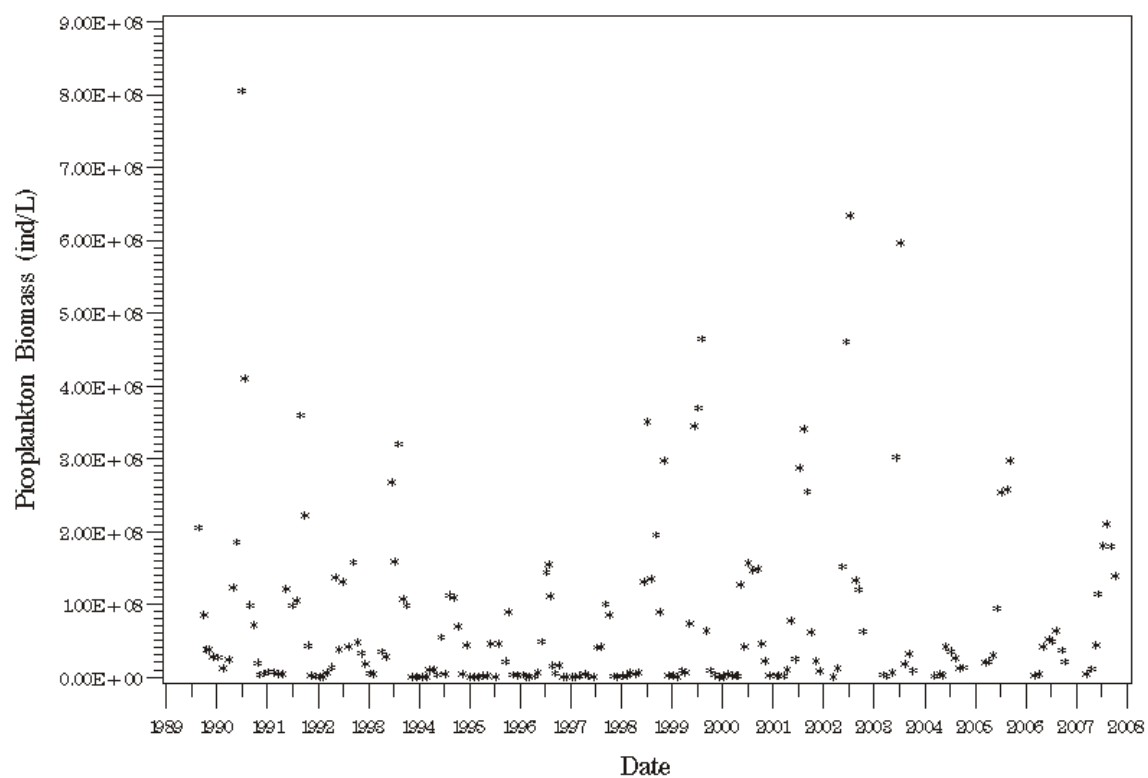


Figure F53. Plot of above pycnocline picoplankton biomass against time at station TF4.2 for the period of 1985 through 2007.

## AP – TF4.2

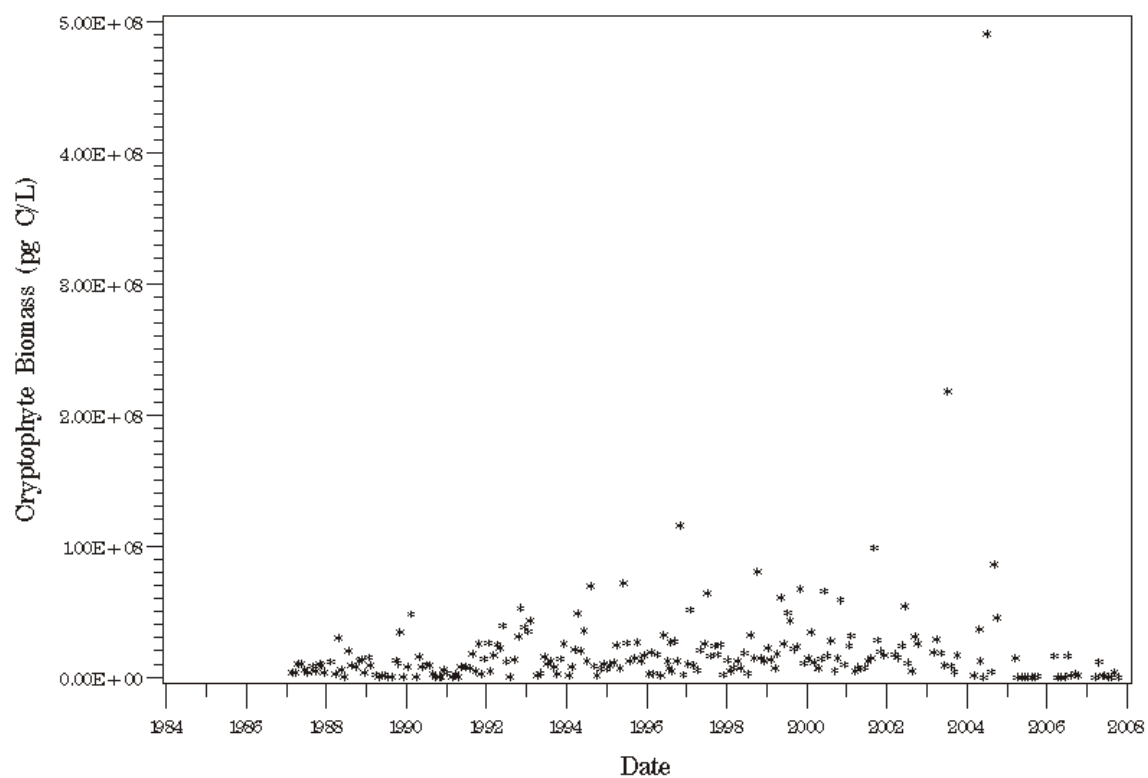


Figure F54. Plot of above pycnocline cryptophyte biomass at station TF4.2 for the period of 1985 through 2007.



## AP – TF4.2

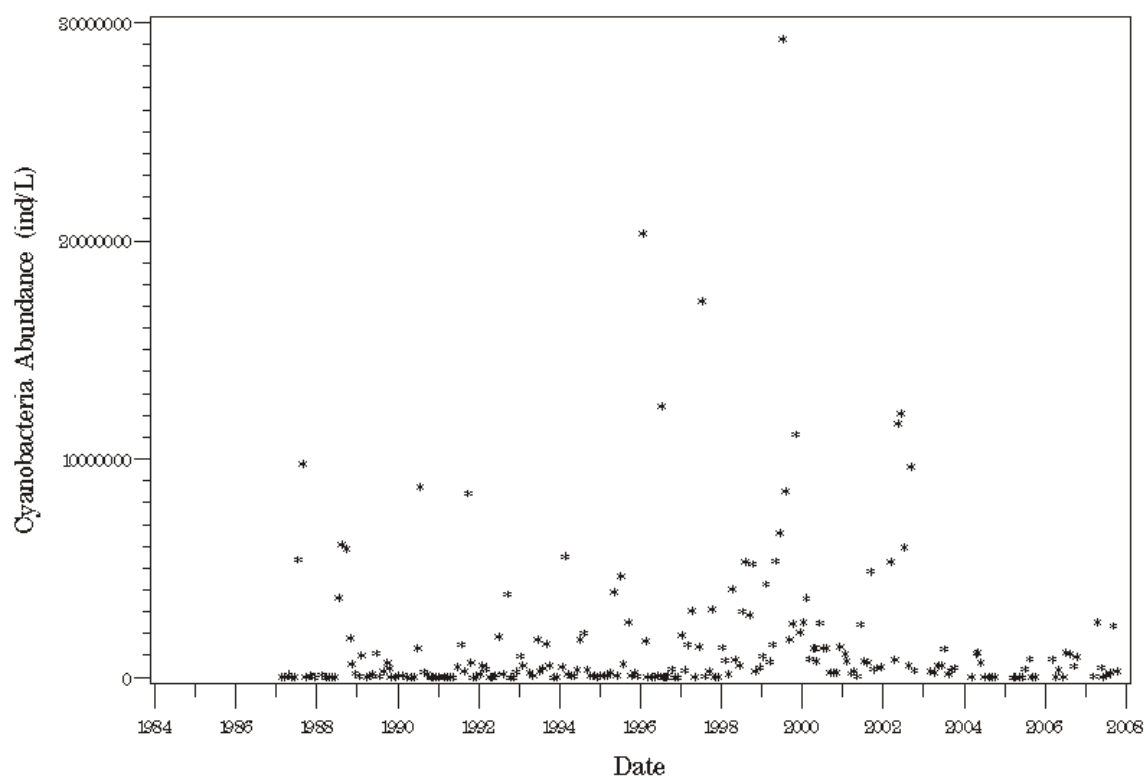


Figure F55. Plot of above pycnocline cyanophyte abundance at station TF4.2 for the period of 1985 through 2007.

## AP – RET4.3

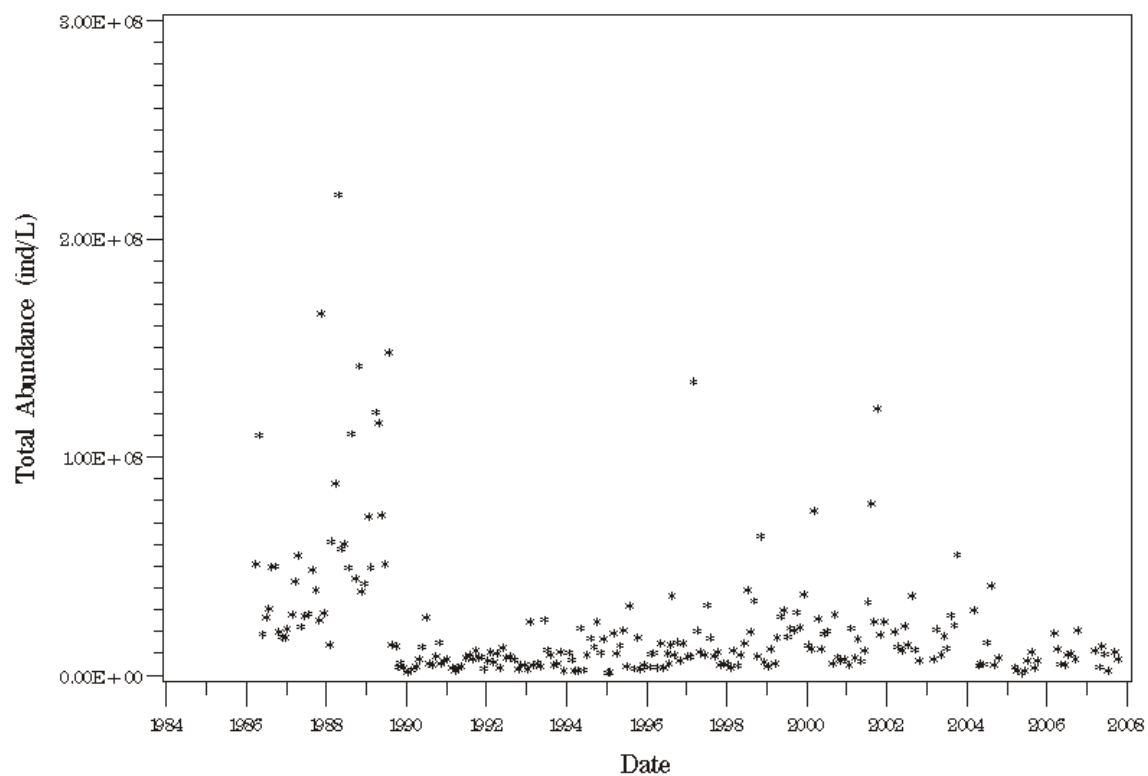


Figure F56. Plot of above pycnocline total phytoplankton abundance against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

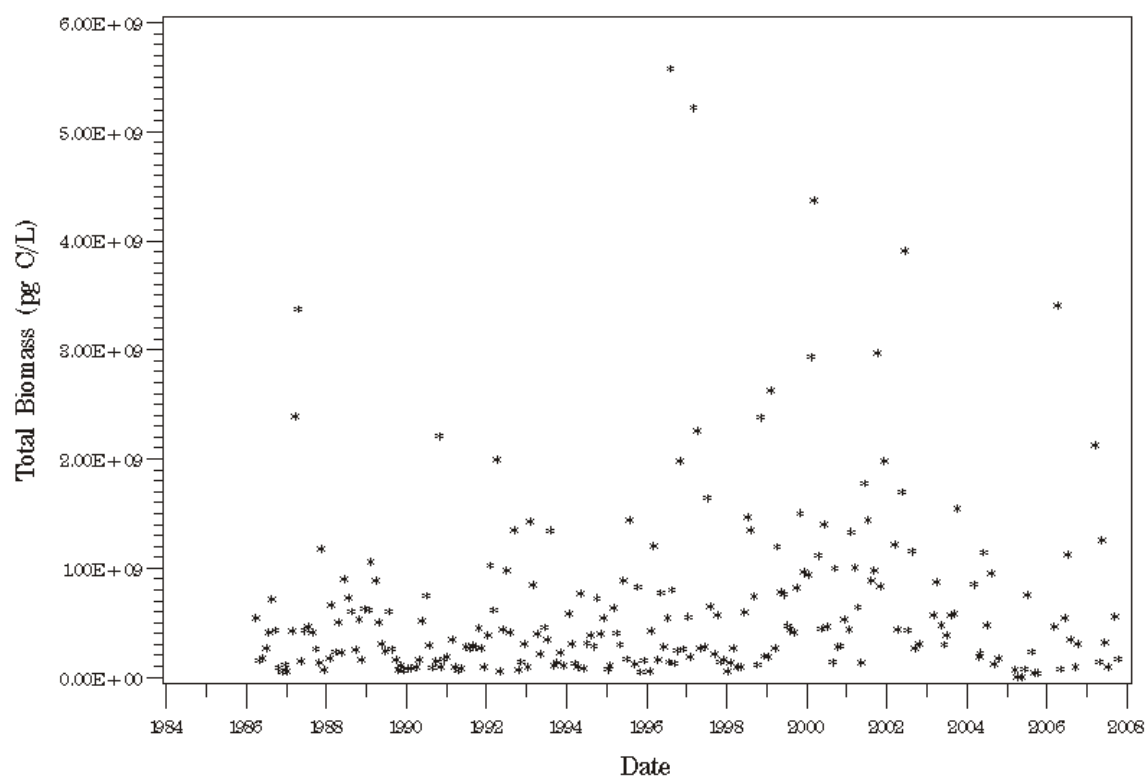


Figure F57. Plot of above pycnocline total phytoplankton biomass against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

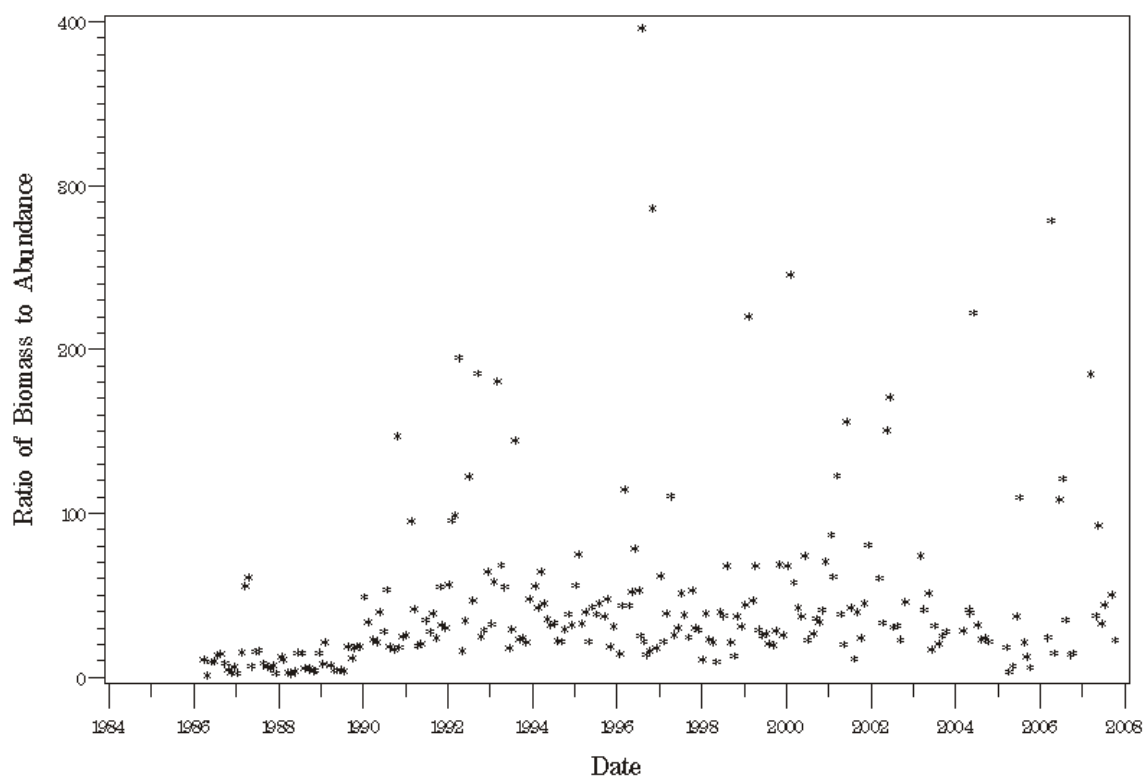


Figure F58. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

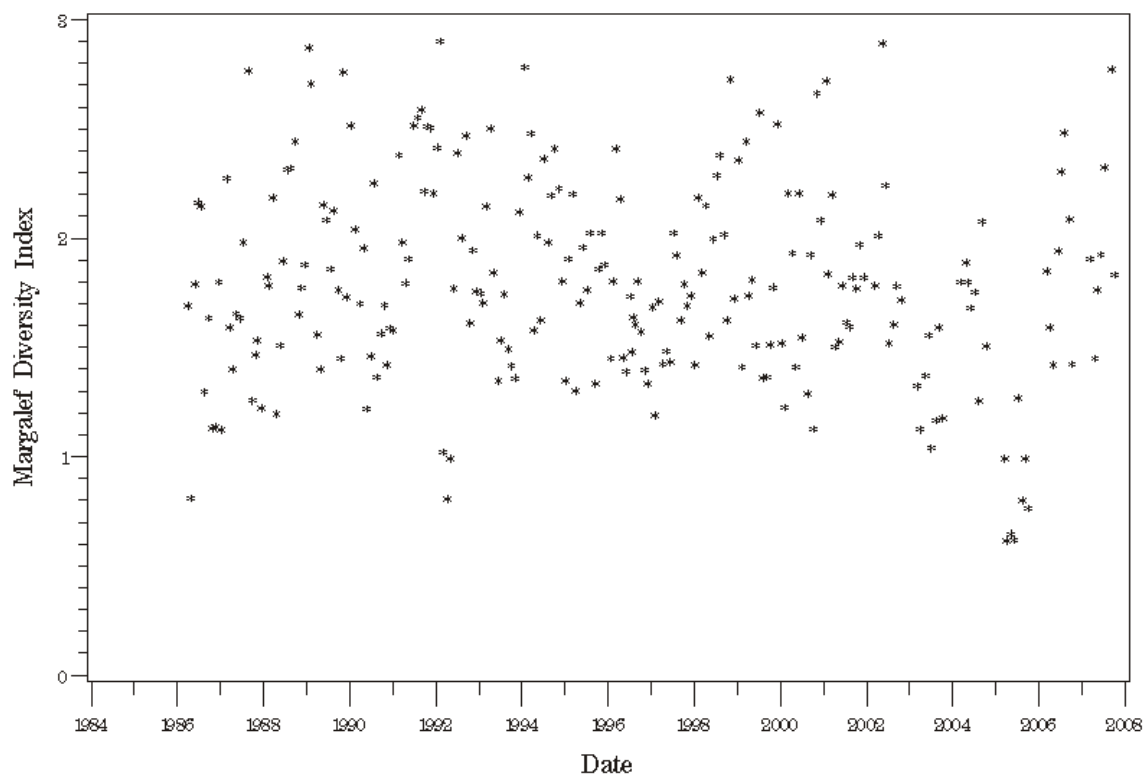


Figure F59. Plot of above pycnocline Margalef diversity index against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

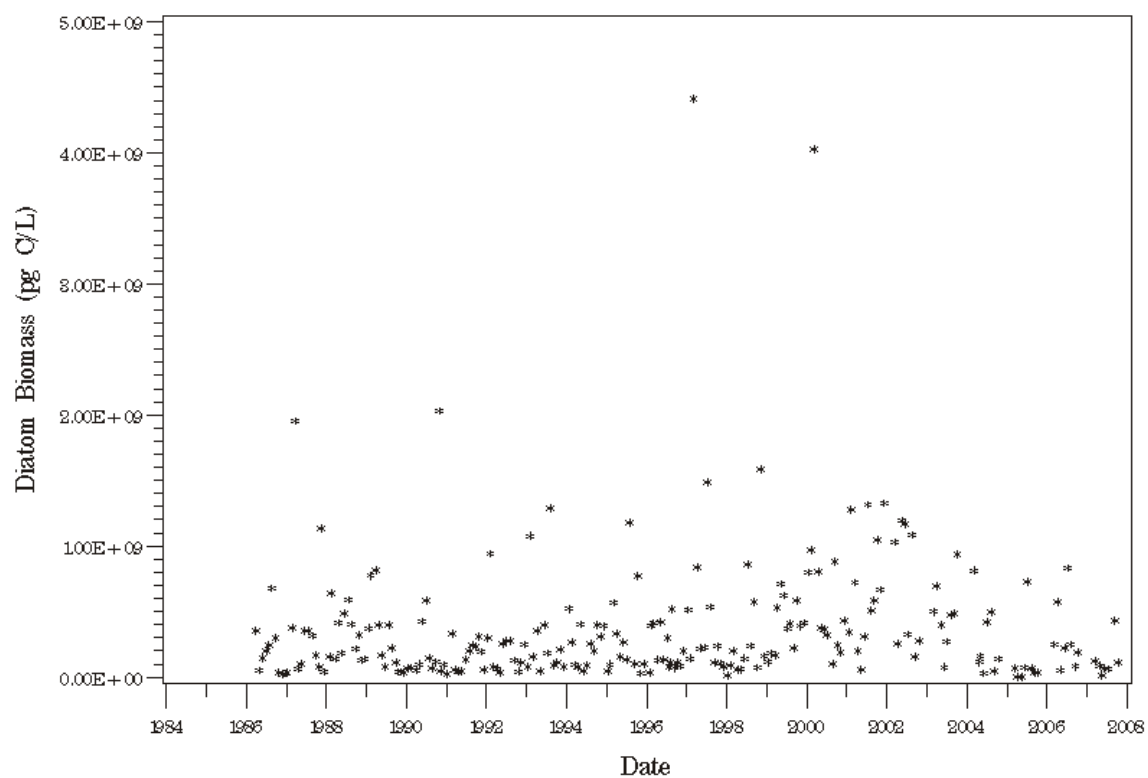


Figure F60. Plot of above pycnocline diatom biomass against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

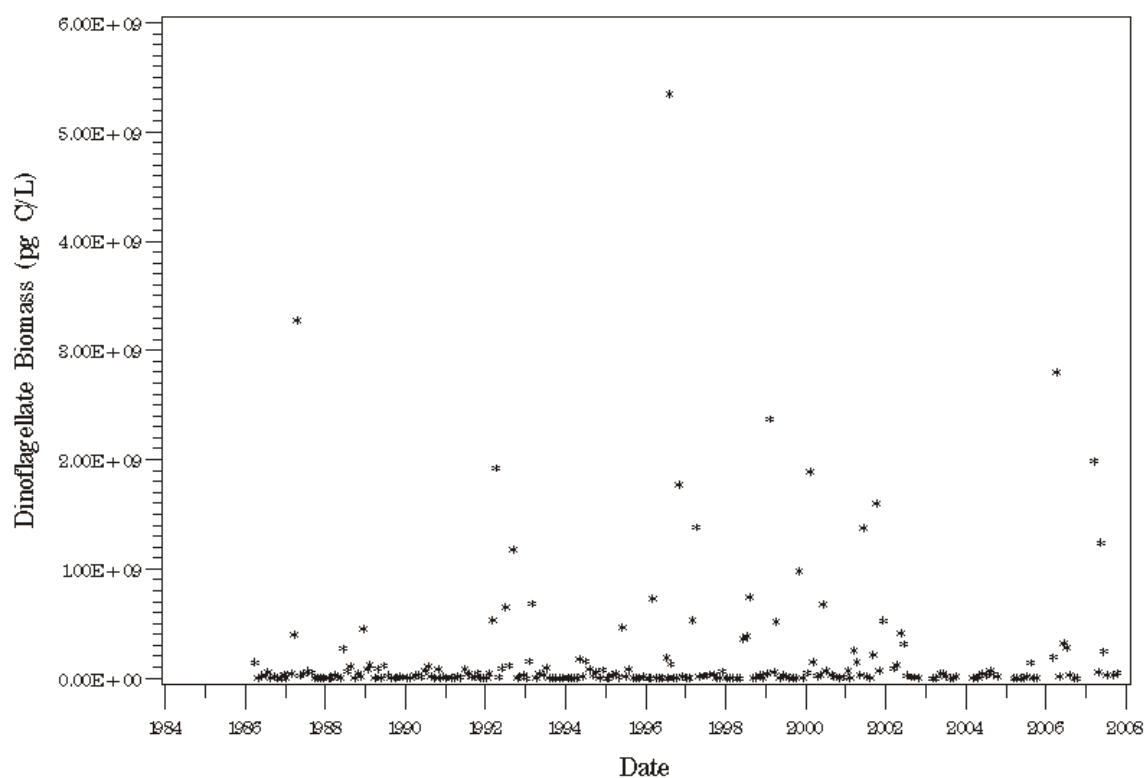


Figure F61. Plot of above pycnocline dinoflagellate biomass against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

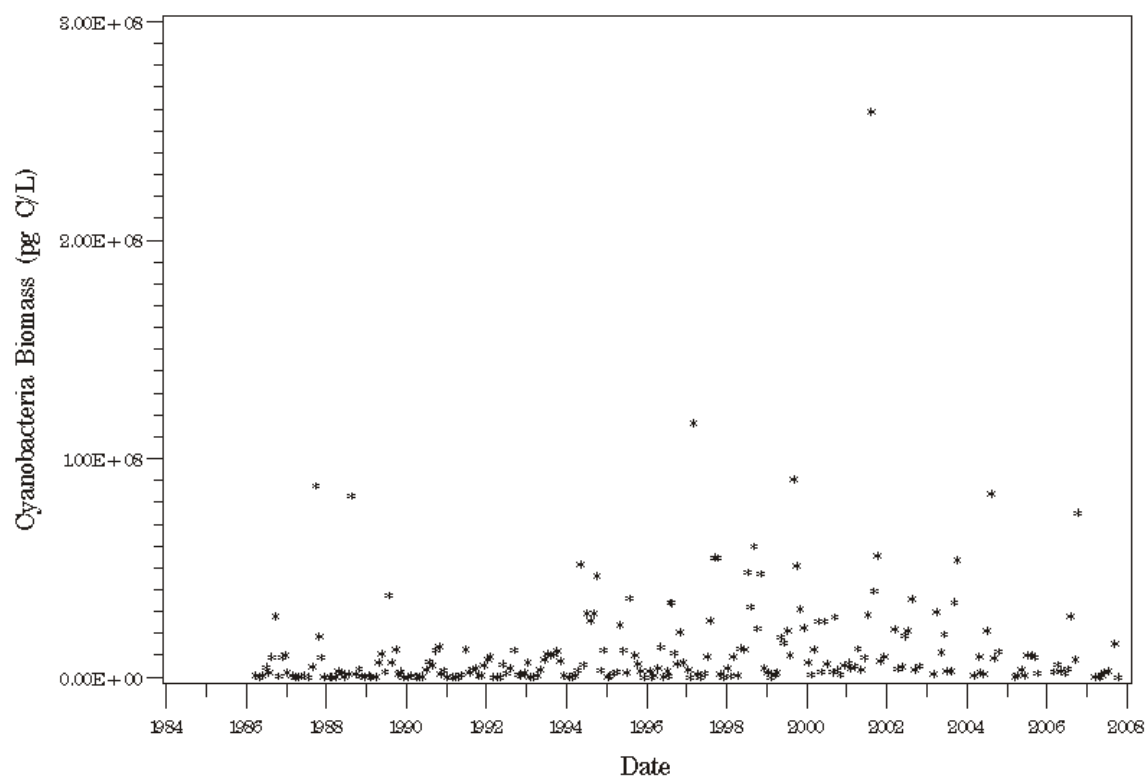


Figure F62. Plot of above pycnocline cyanobacteria biomass against time at station RET4.3 for the period of 1985 through 2007.



## AP — RET4.3

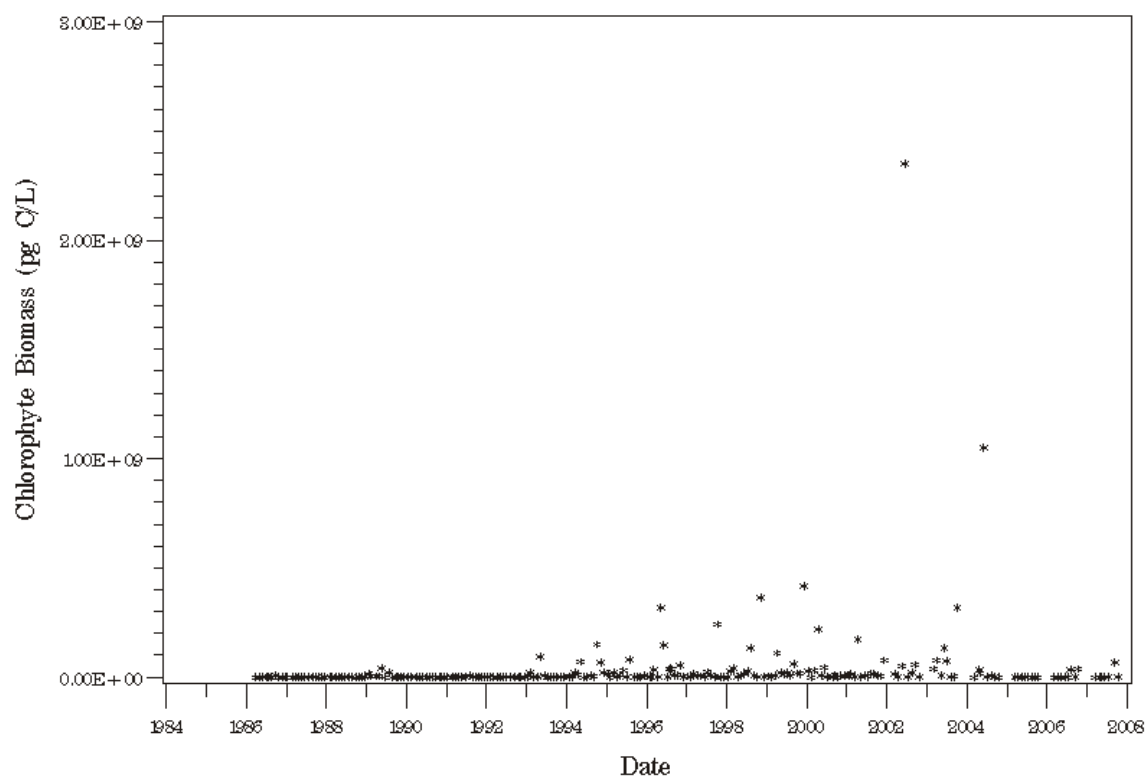


Figure F63. Plot of above pycnocline chlorophyte biomass against time at station RET4.3 for the period of 1985 through 2007.

## AP – RET4.3

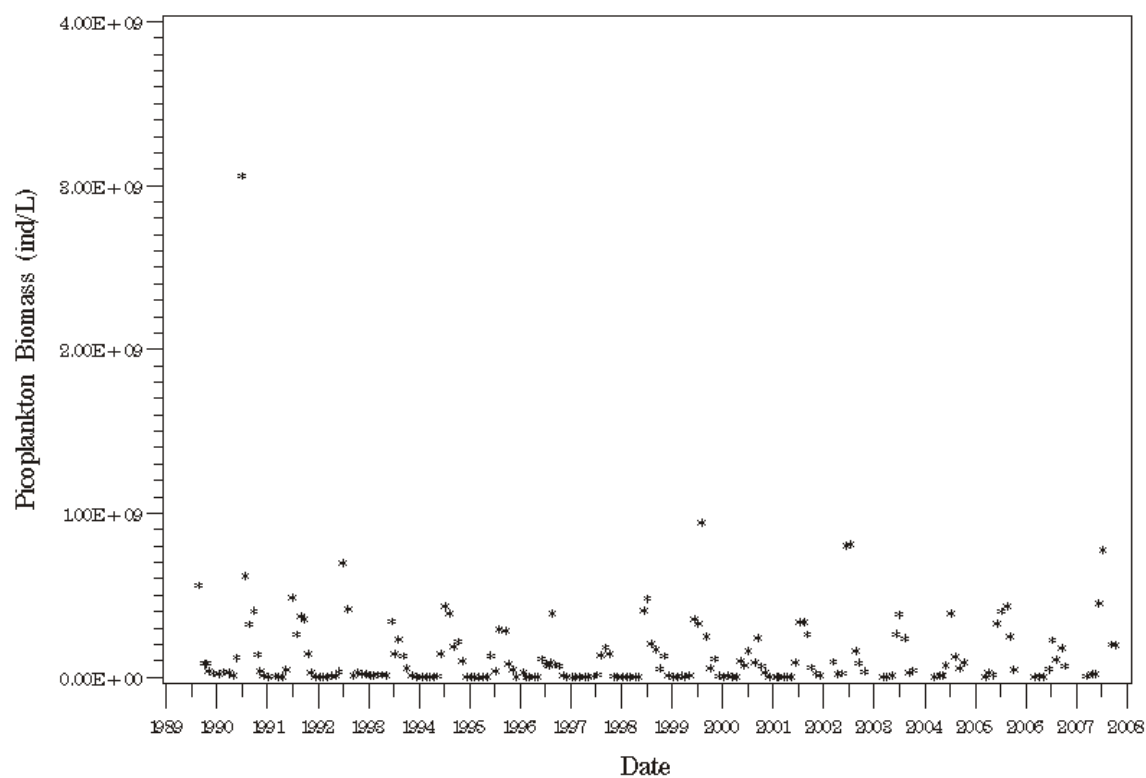


Figure F64. Plot of above pycnocline picoplankton biomass against time at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

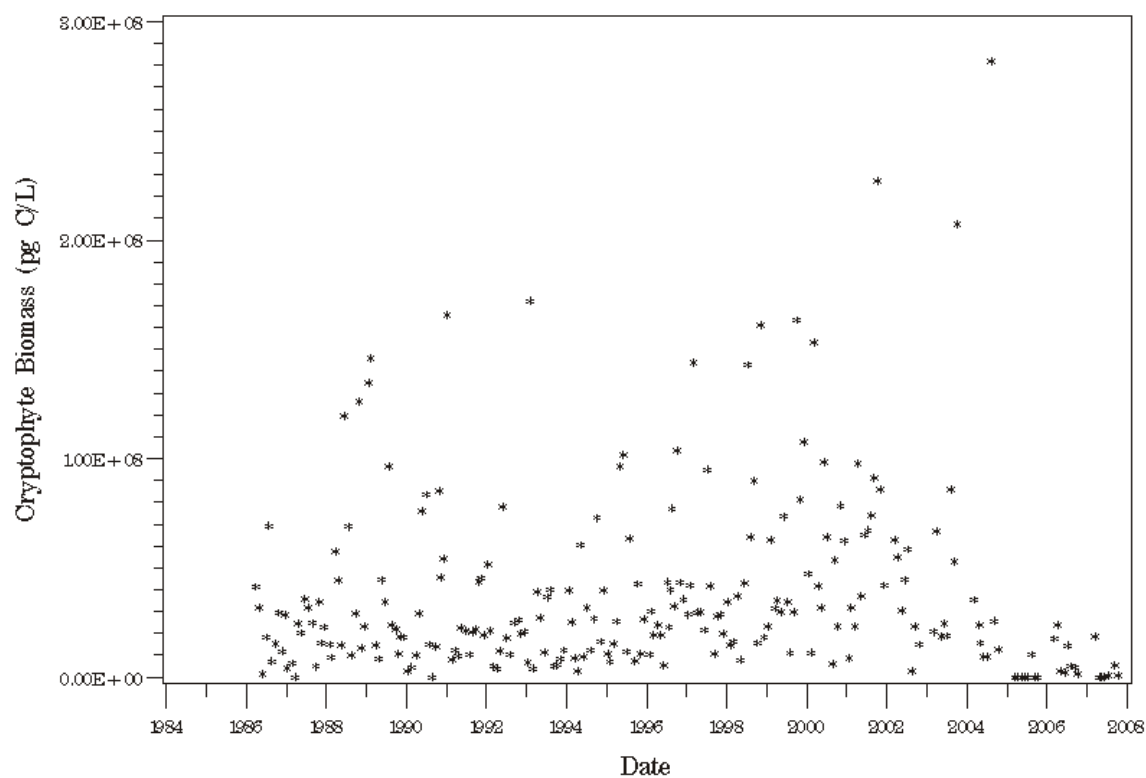


Figure F65. Plot of above pycnocline cryptophyte biomass at station RET4.3 for the period of 1985 through 2007.

## AP — RET4.3

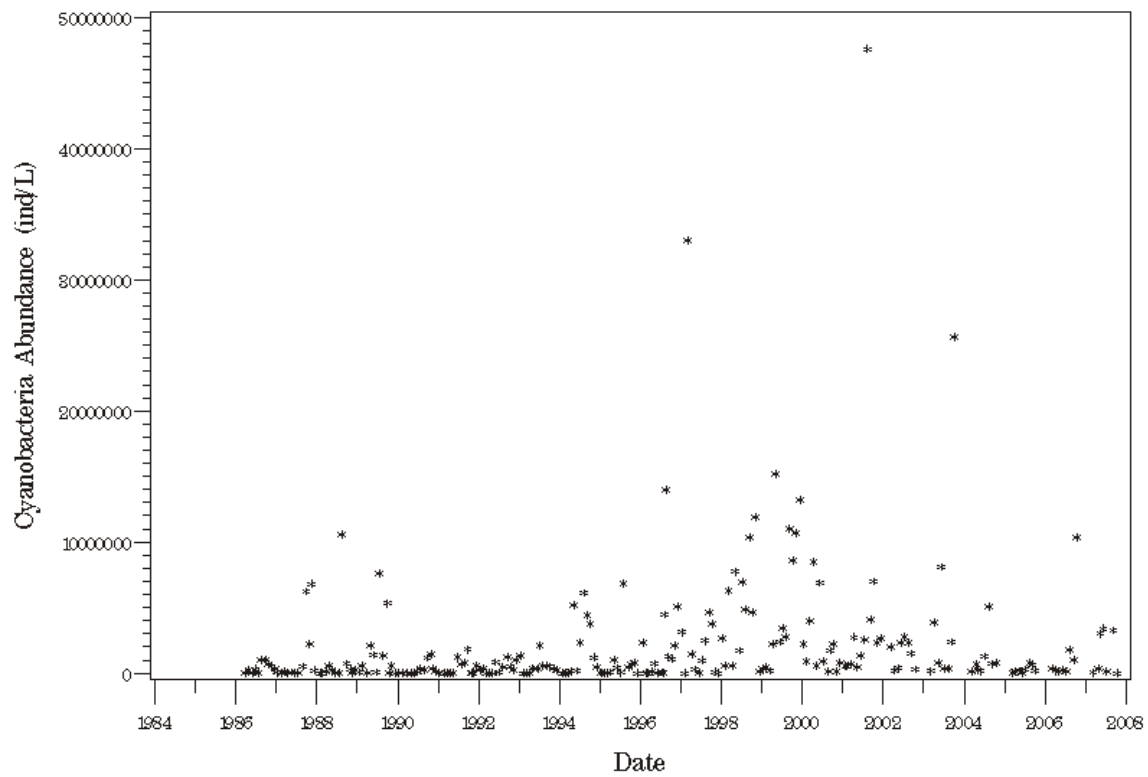


Figure F66. Plot of above pycnocline cyanophyte abundance at station RET4.3 for the period of 1985 through 2007.

## AP – WE4.2

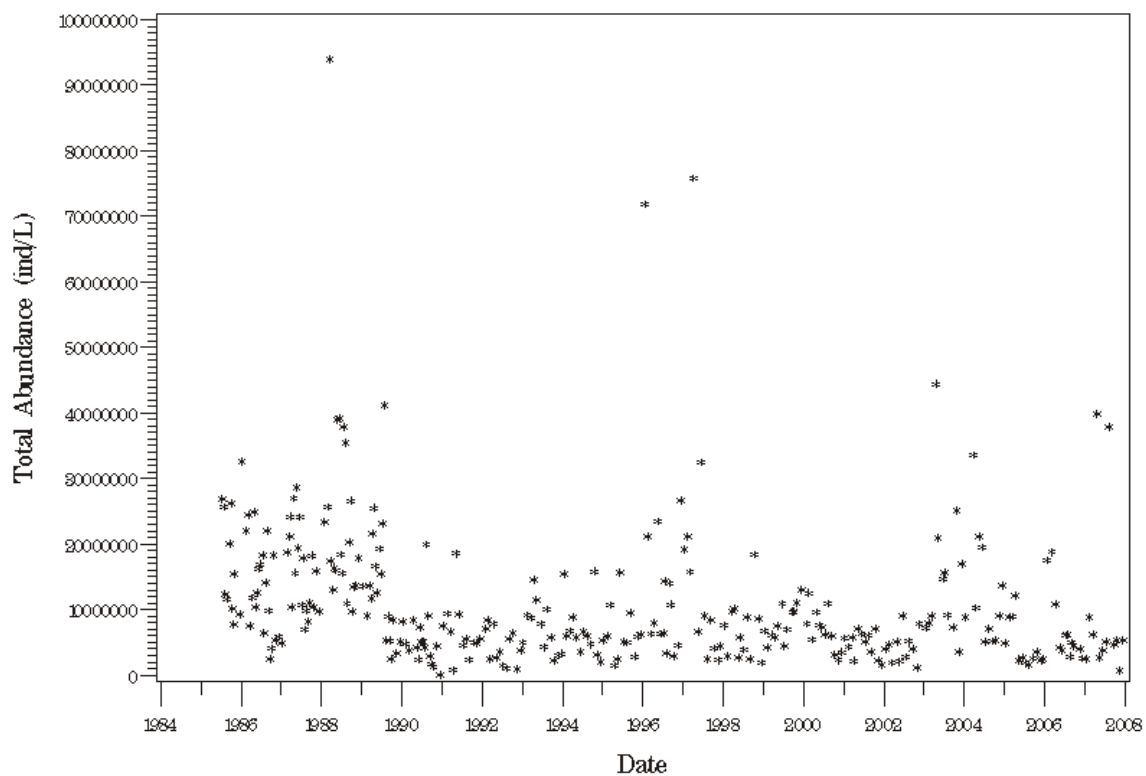


Figure F67. Plot of above pycnocline total phytoplankton abundance against time at station WE4.2 for the period of 1985 through 2007.

## AP – WE4.2

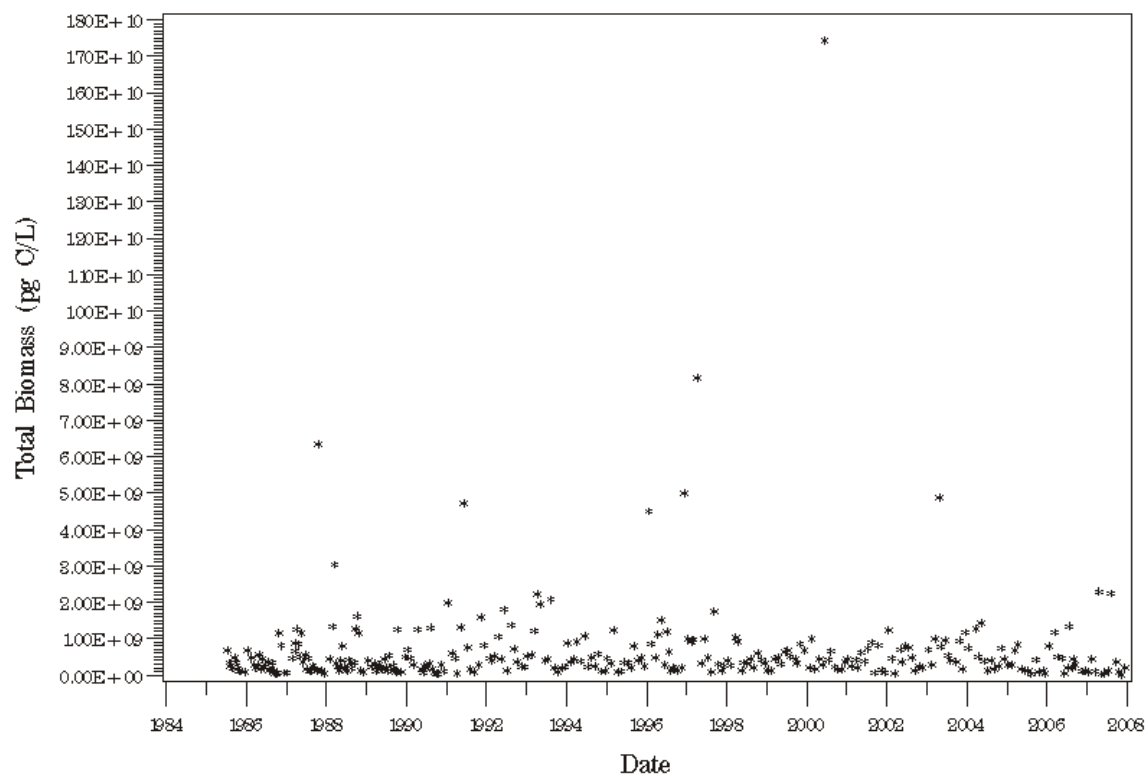


Figure F68. Plot of above pycnocline total phytoplankton biomass against time at station WE4.2 for the period of 1985 through 2007.

## AP – WE4.2

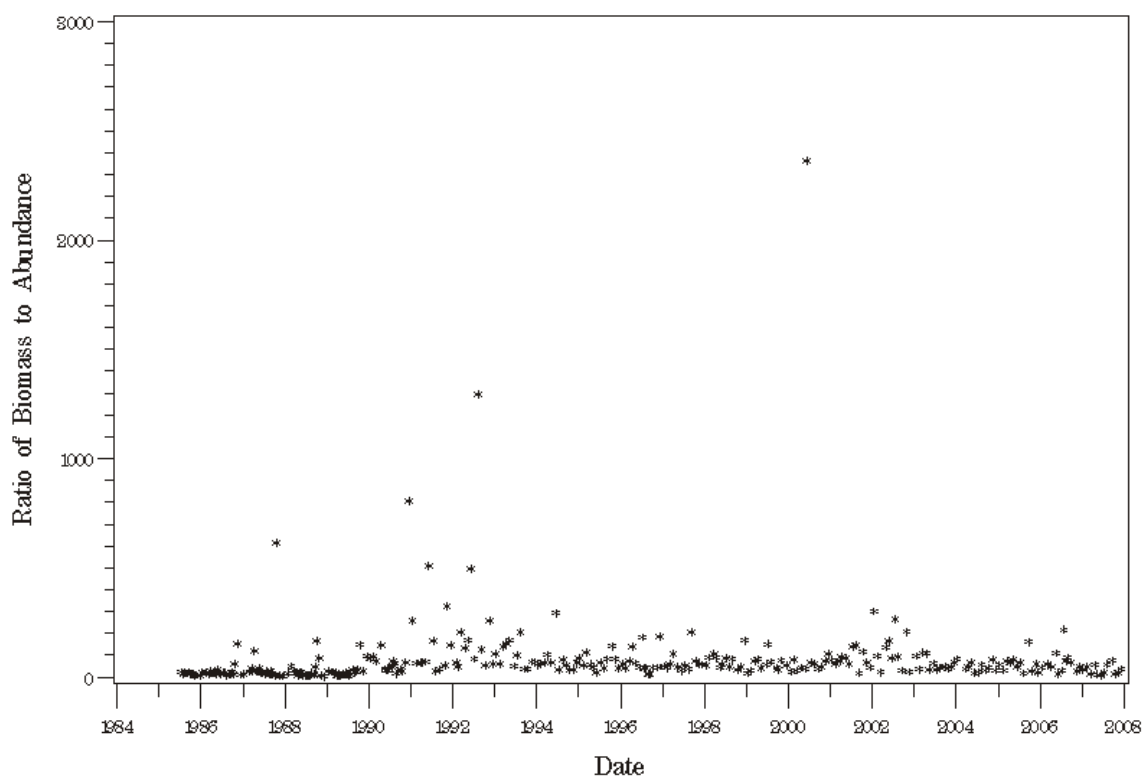


Figure F69. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

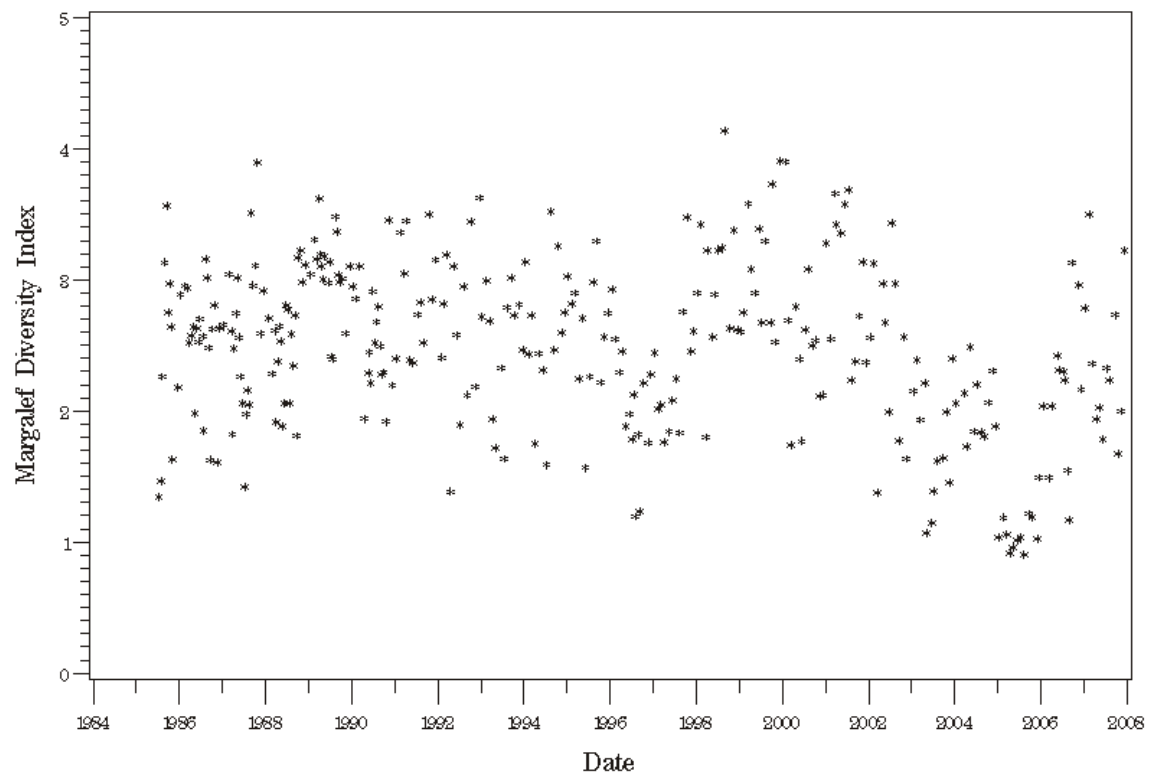


Figure F70. Plot of above pycnocline Margalef diversity index against time at station WE4.2 for the period of 1985 through 2007.



## AP — WE4.2

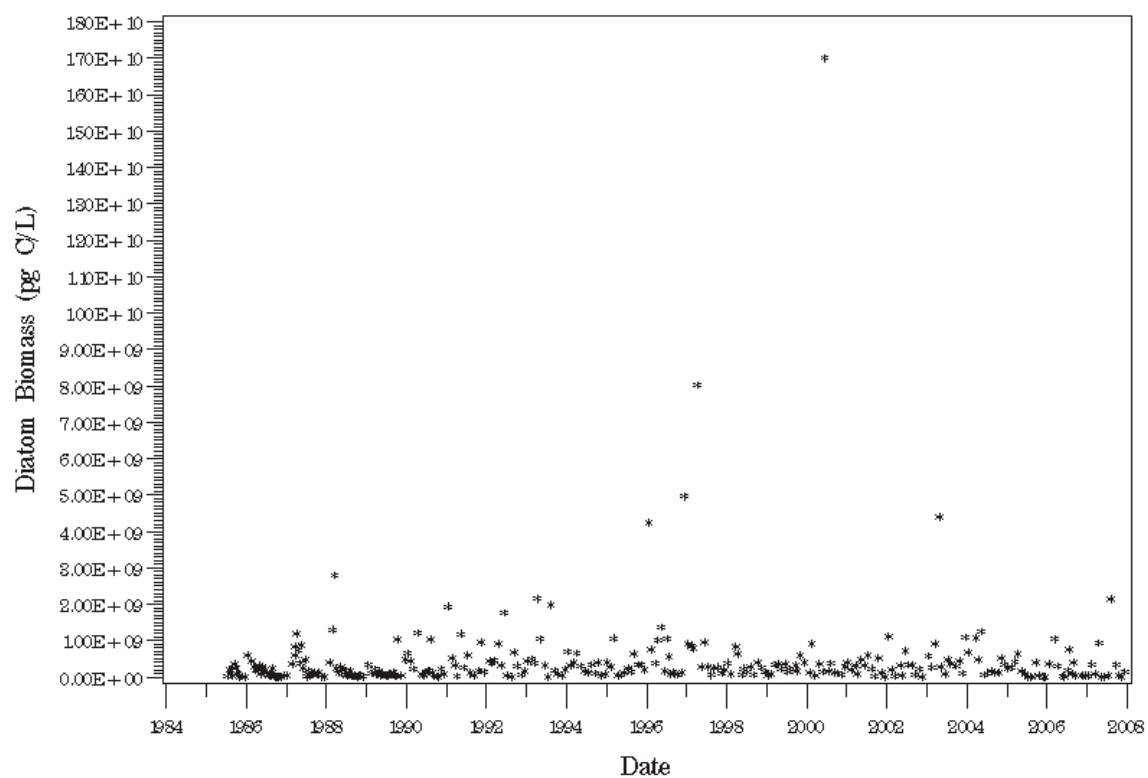


Figure F71. Plot of above pycnocline diatom biomass against time at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

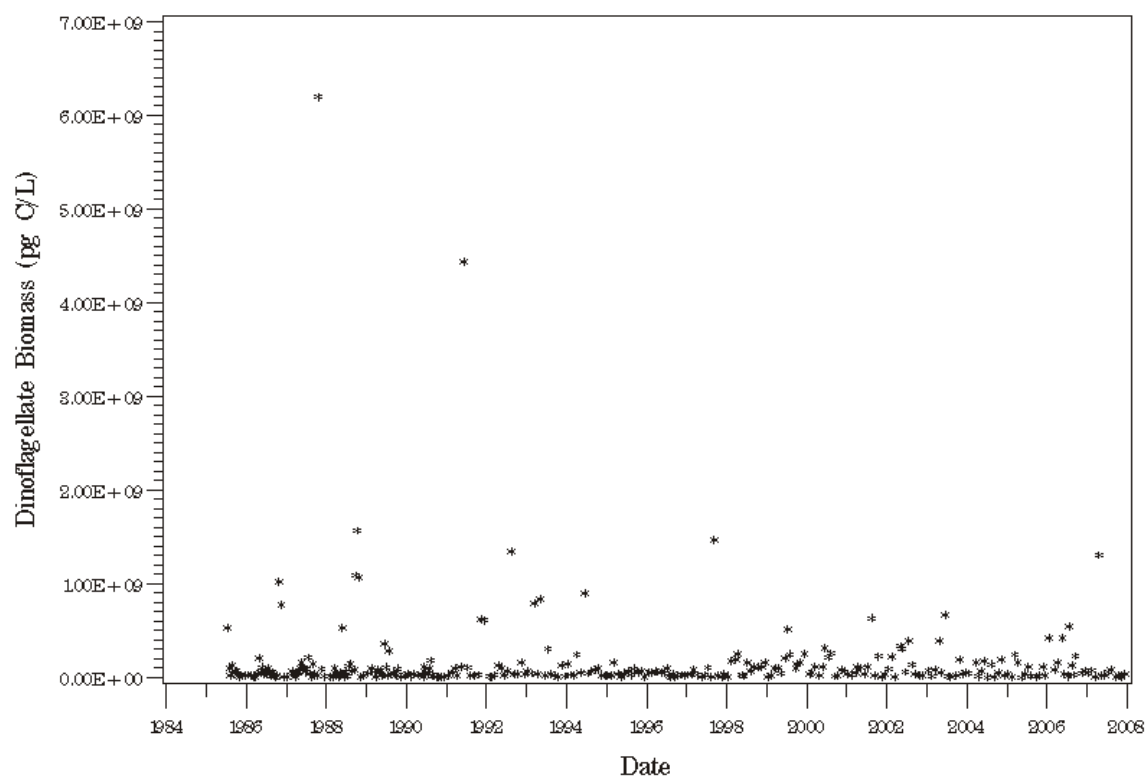


Figure F72. Plot of above pycnocline dinoflagellate biomass against time at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

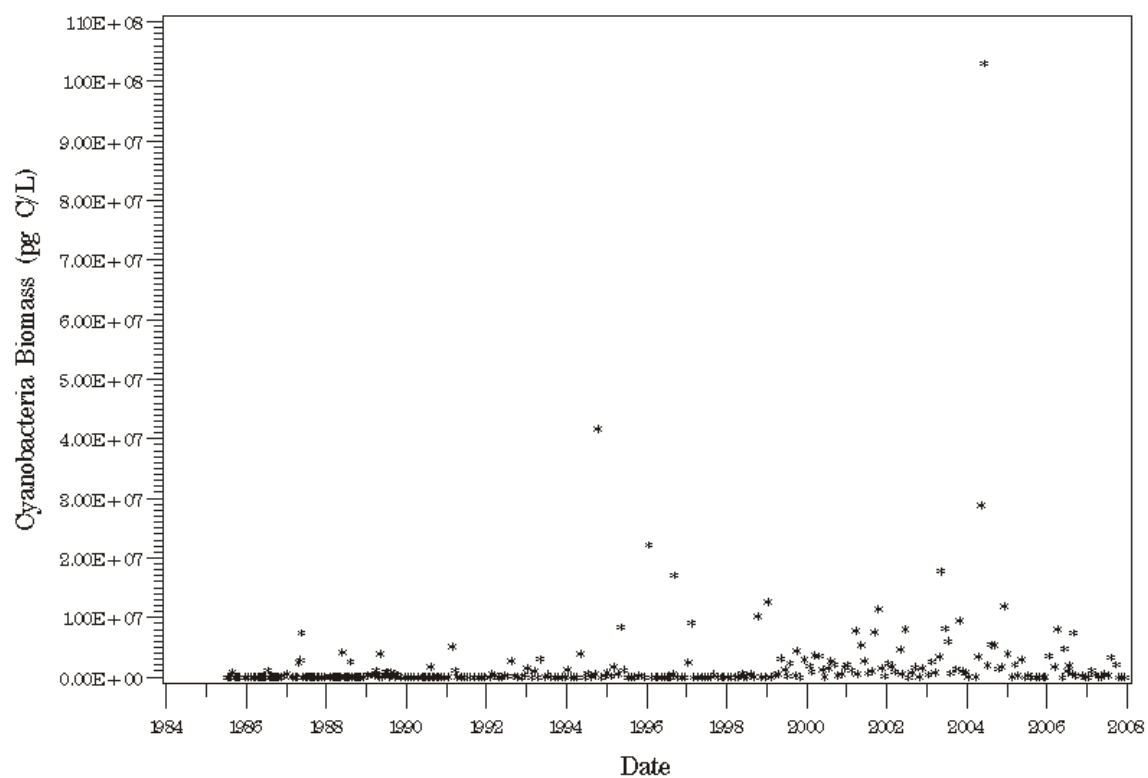


Figure F73. Plot of above pycnocline cyanobacteria biomass against time at station WE4.2 for the period of 1985 through 2007.

# AP — WE4.2

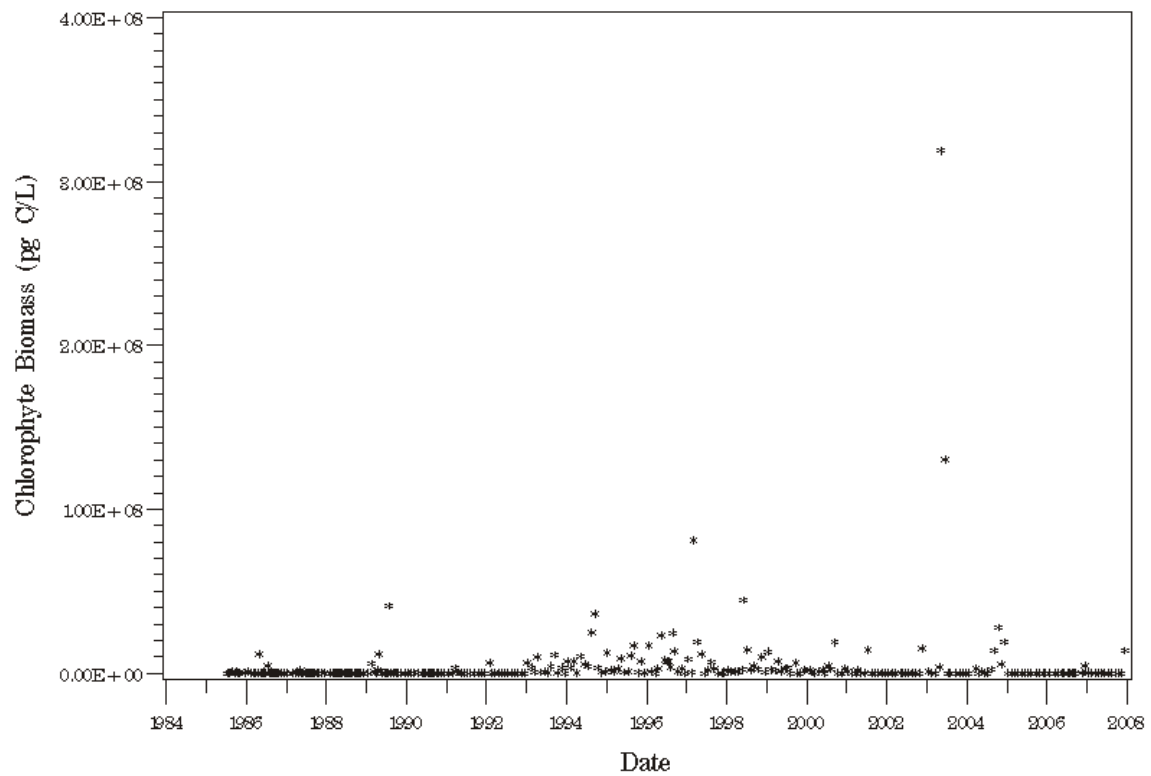


Figure F74. Plot of above pycnocline chlorophyte biomass against time at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

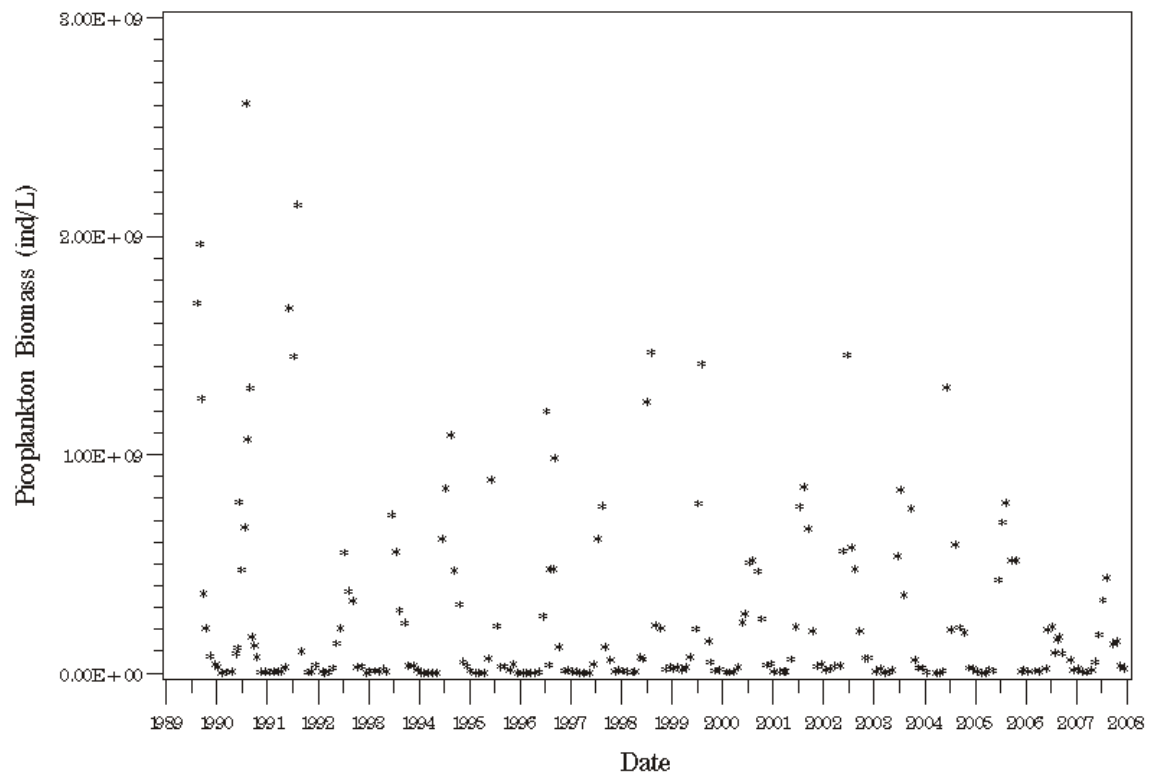


Figure F75. Plot of above pycnocline picoplankton biomass against time at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

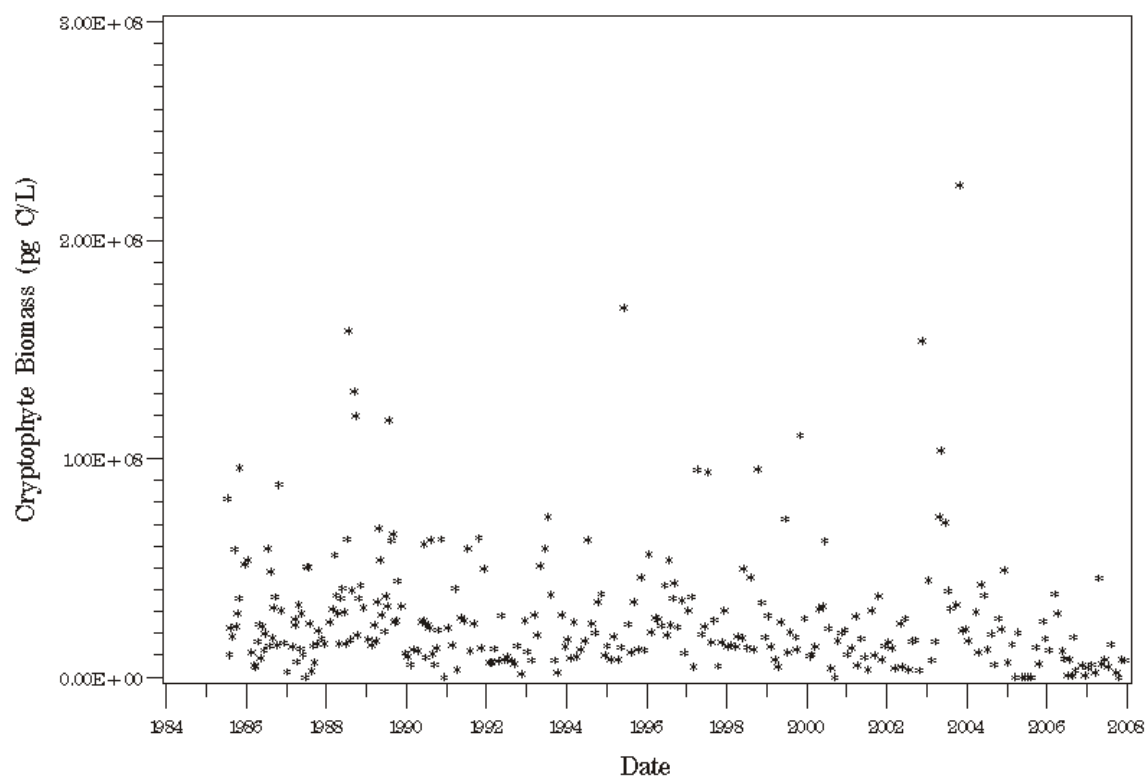


Figure F76. Plot of above pycnocline cryptophyte biomass at station WE4.2 for the period of 1985 through 2007.

## AP — WE4.2

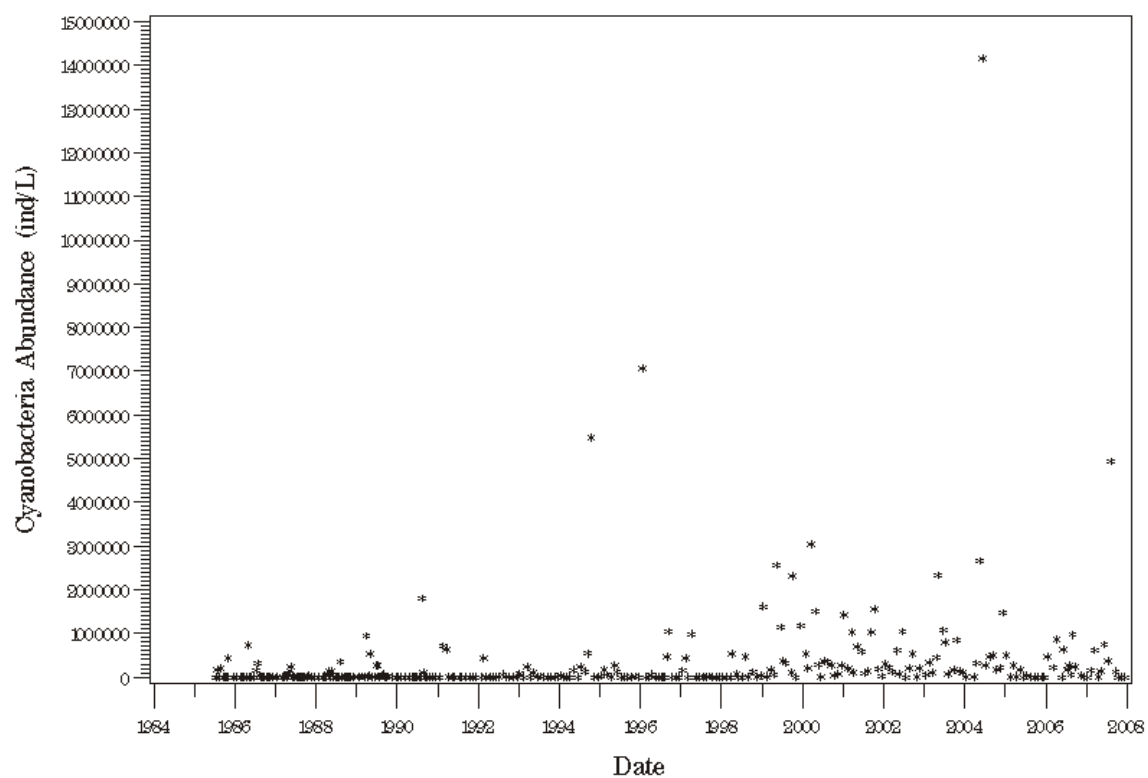


Figure F77. Plot of above pycnocline cyanophyte abundance at station WE4.2 for the period of 1985 through 2007.

## AP – TF3.3

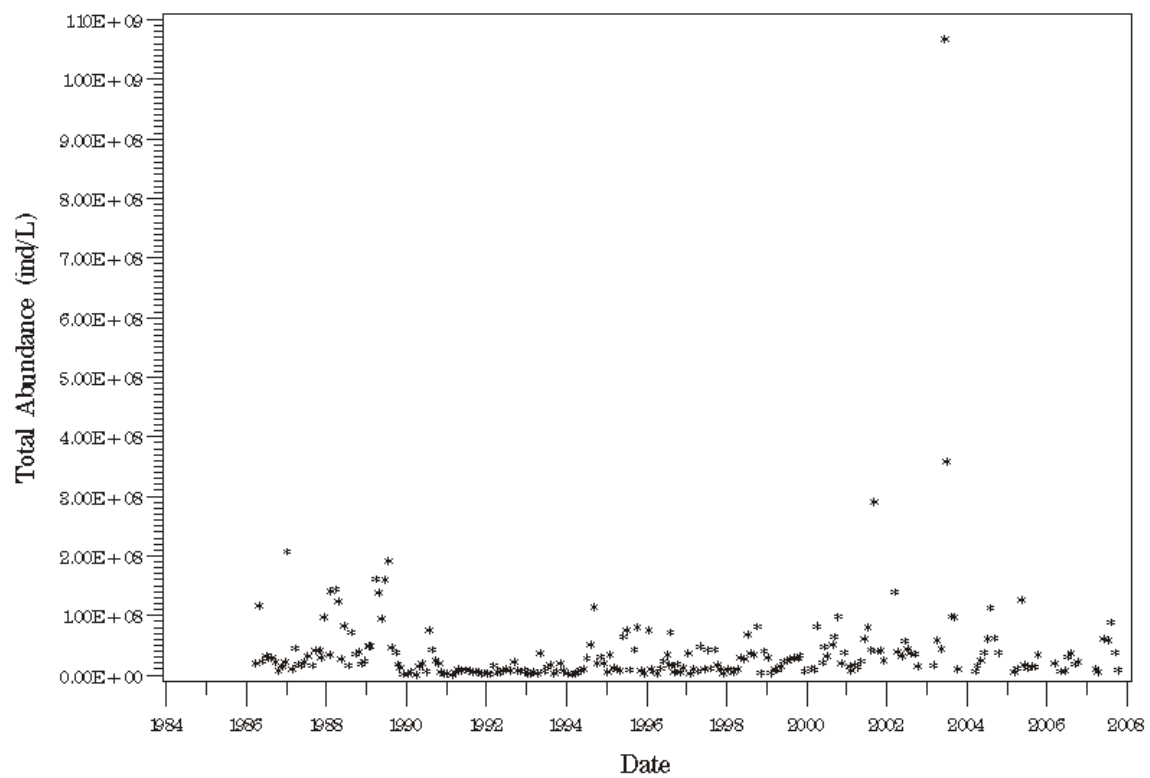


Figure F78. Plot of above pycnocline total phytoplankton abundance against time at station TF3.3 for the period of 1985 through 2007.



## AP – TF3.3

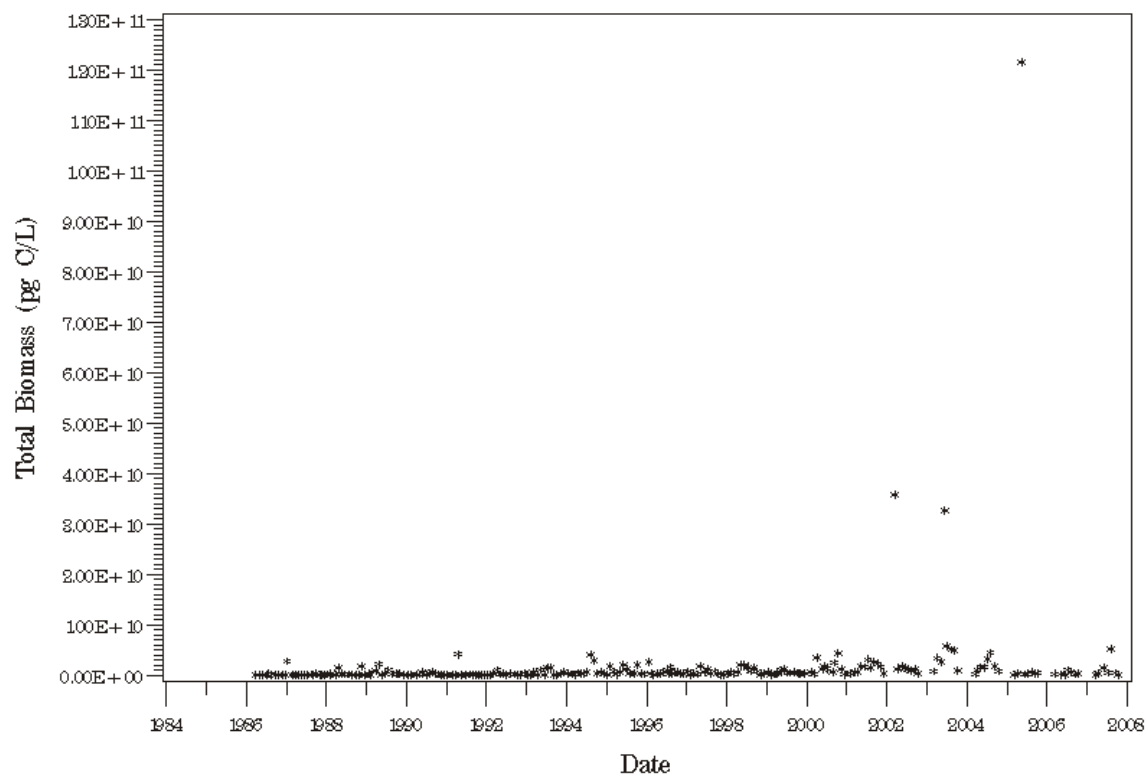


Figure F79. Plot of above pycnocline total phytoplankton biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

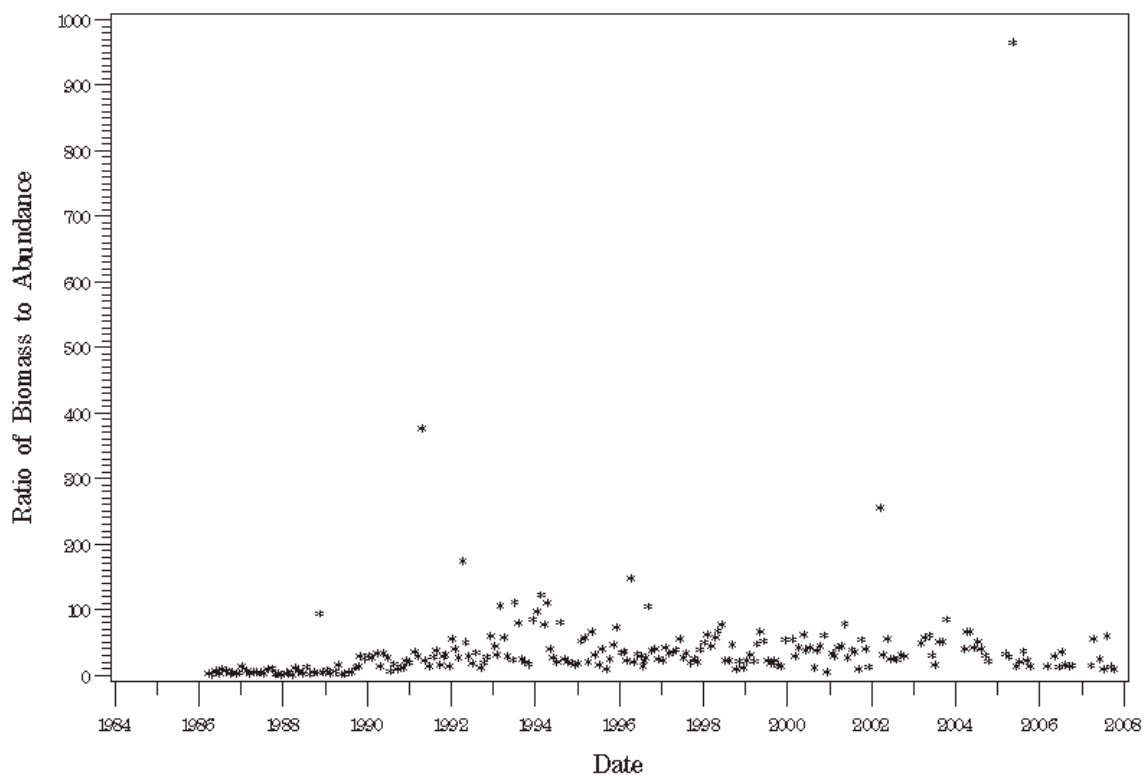


Figure F80. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

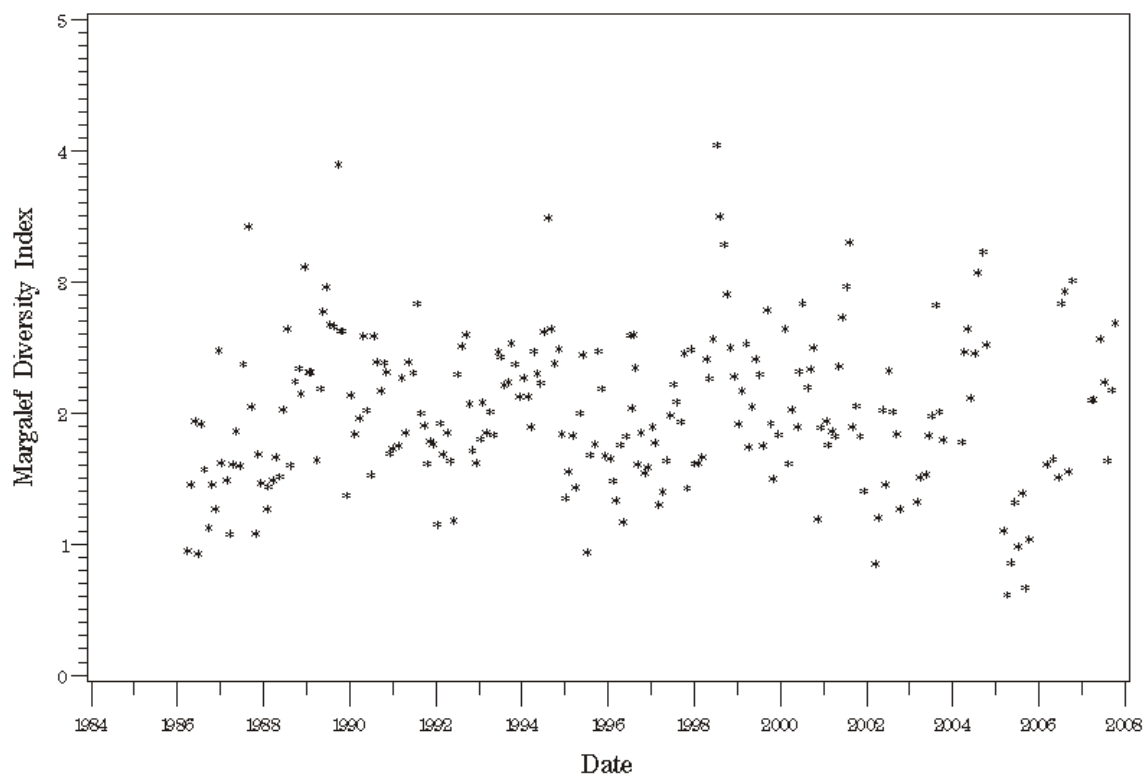


Figure F81. Plot of above pycnocline Margalef diversity index against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

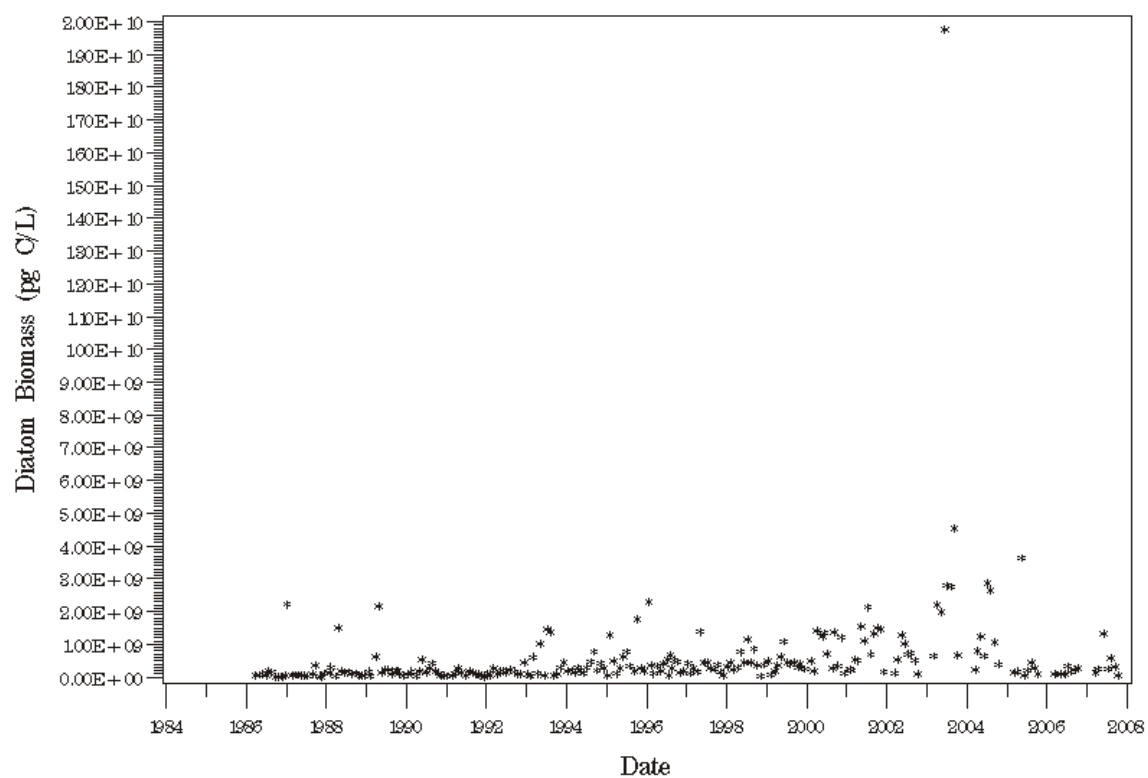


Figure F82. Plot of above pycnocline diatom biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

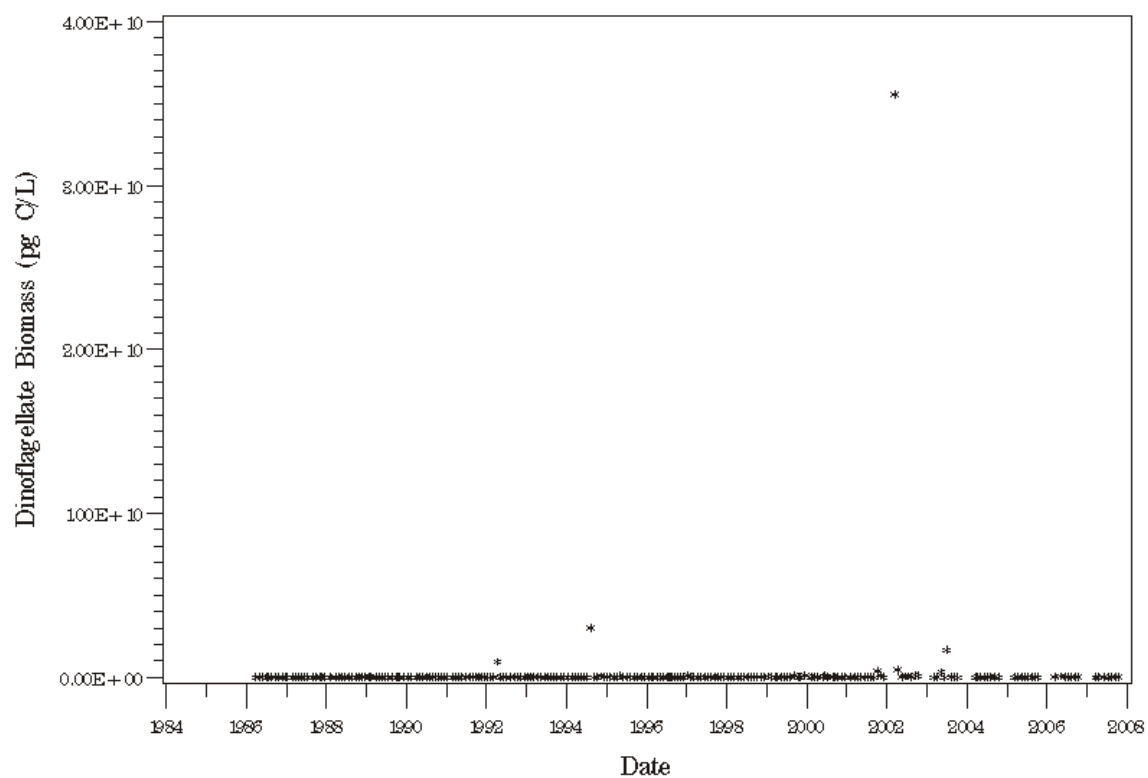


Figure F83. Plot of above pycnocline dinoflagellate biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

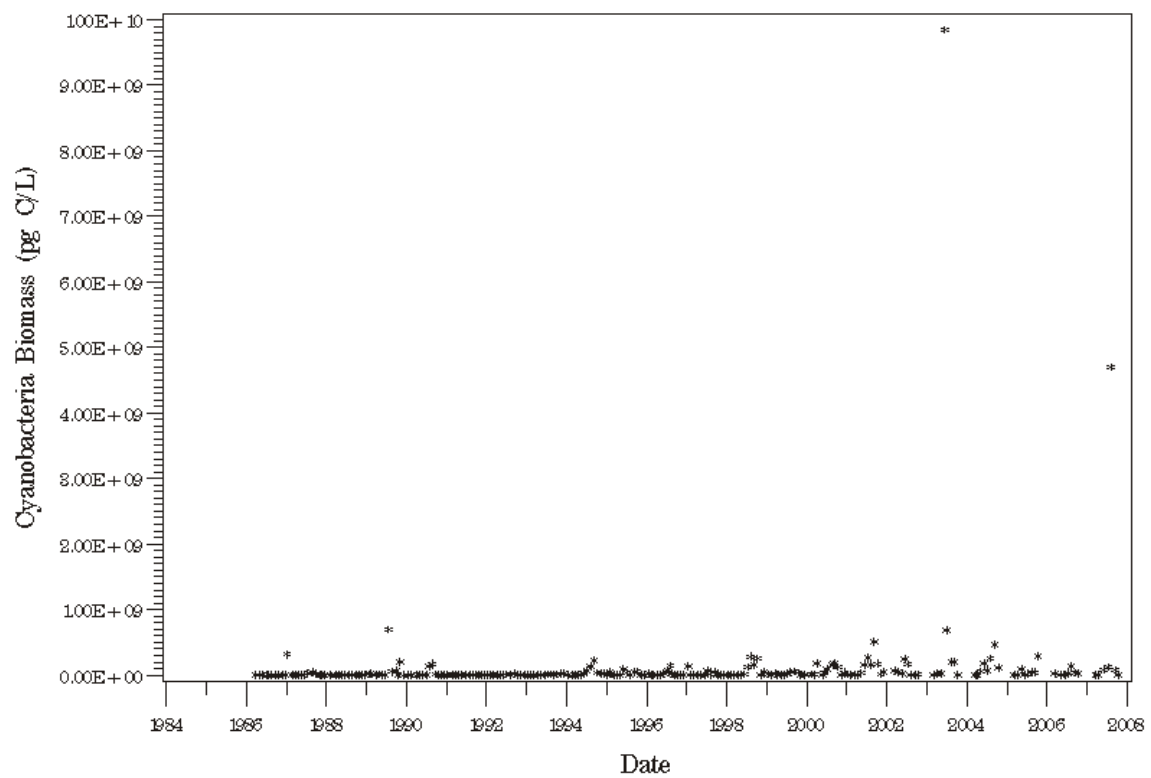


Figure F84. Plot of above pycnocline cyanobacteria biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

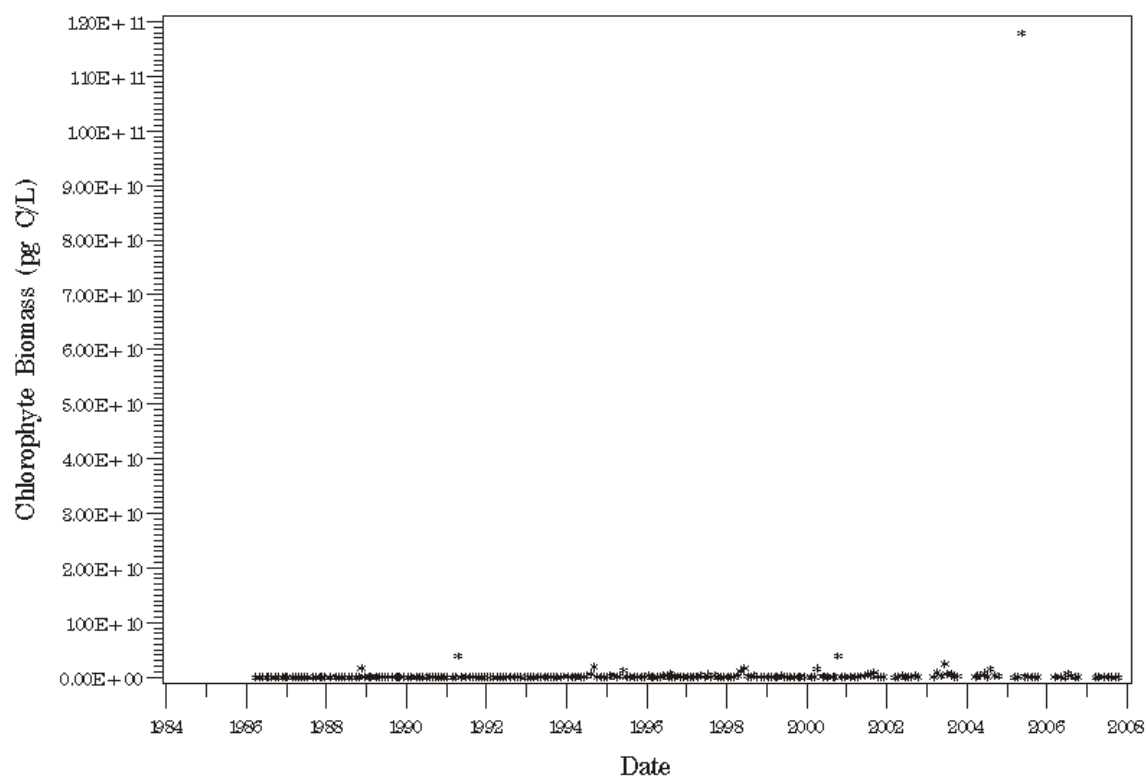


Figure F85. Plot of above pycnocline chlorophyte biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

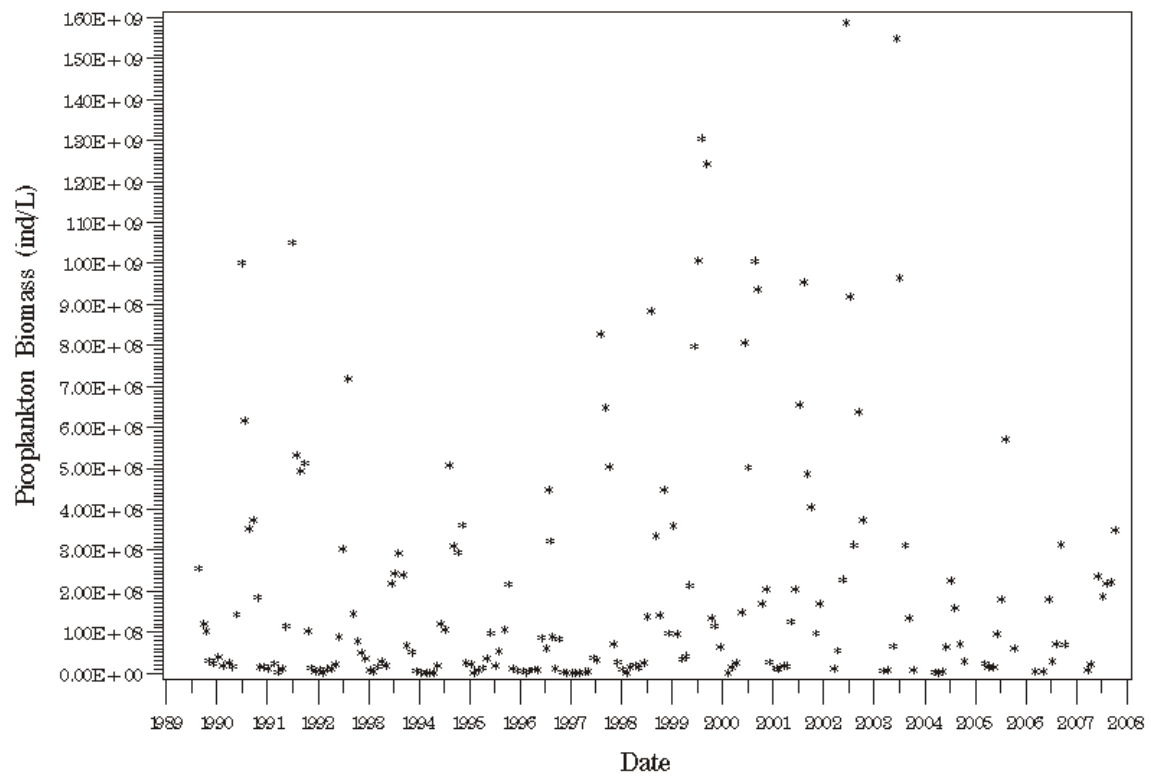


Figure F86. Plot of above pycnocline picoplankton biomass against time at station TF3.3 for the period of 1985 through 2007.



## AP – TF3.3

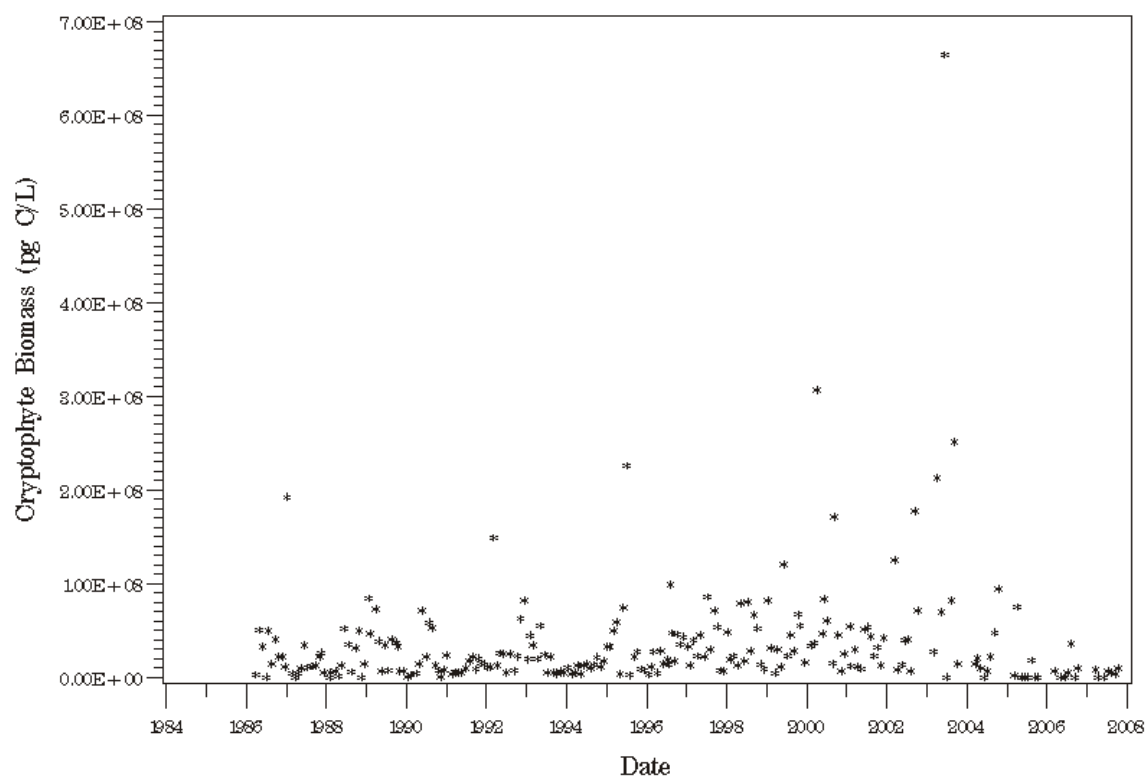


Figure F87. Plot of above pycnocline cryptophyte biomass against time at station TF3.3 for the period of 1985 through 2007.

## AP – TF3.3

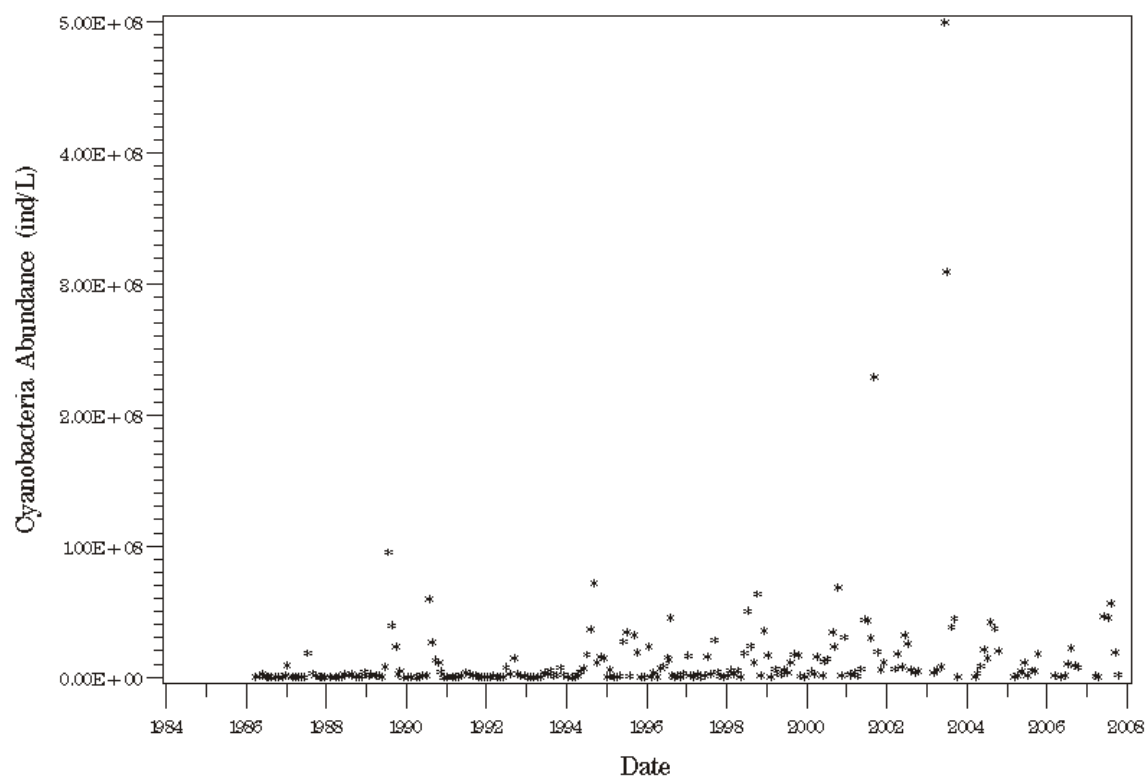


Figure F88. Plot of above pycnocline cyanophyte abundance at station TF3.3 for the period of 1985 through 2007.

## AP – RET3.1

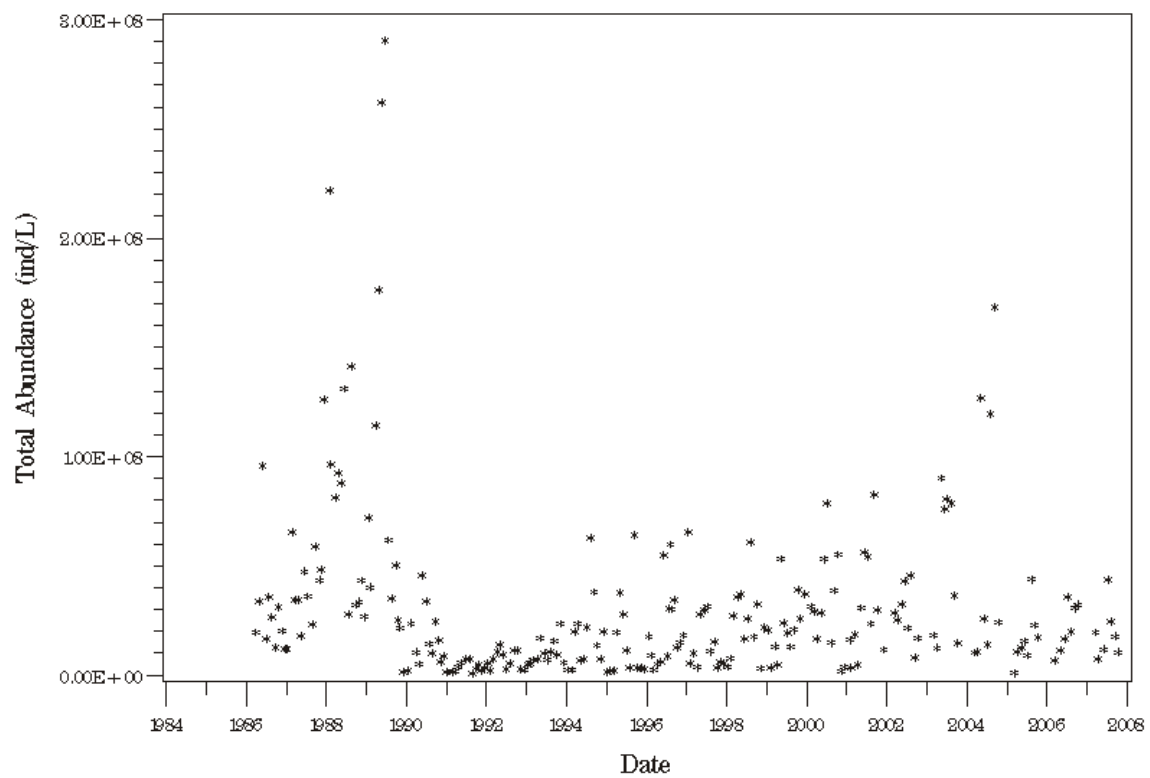


Figure F89. Plot of above pycnocline total phytoplankton abundance against time at station RET3.1 for the period of 1985 through 2007.

## AP – RET3.1

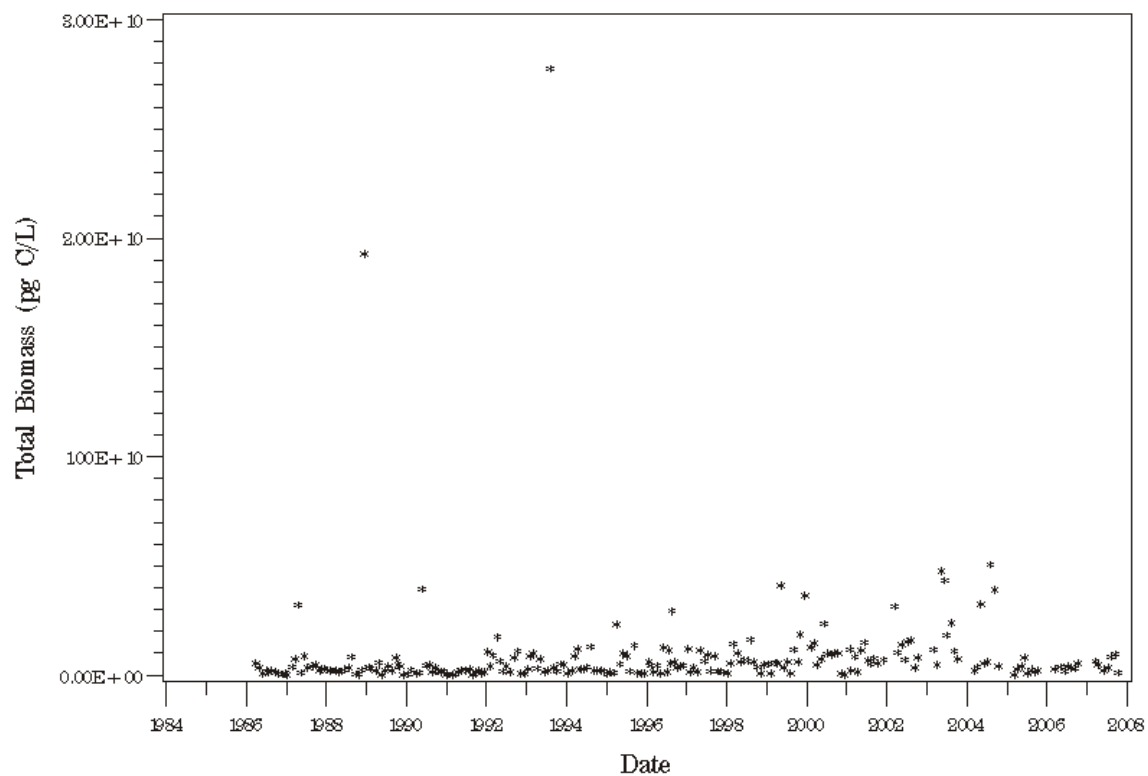


Figure F90. Plot of above pycnocline total phytoplankton biomass against time at station RET3.1 for the period of 1985 through 2007.

## AP – RET3.1

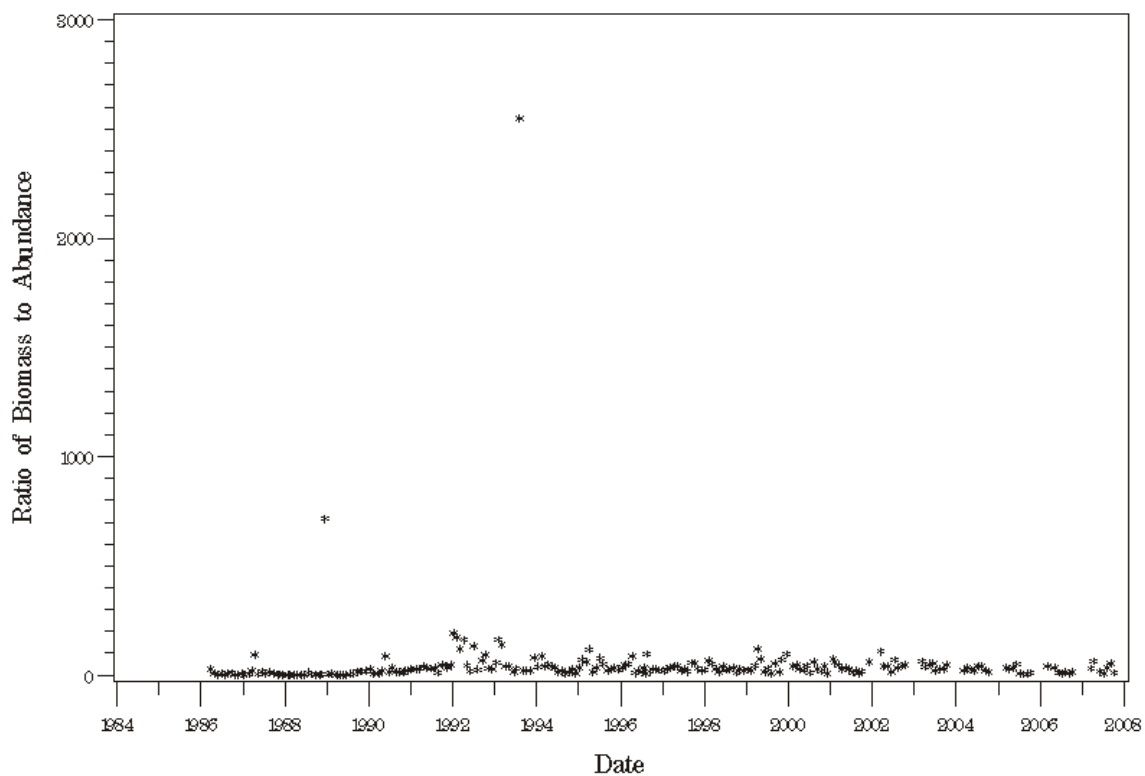


Figure F91. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station RET3.1 for the period of 1985 through 2007.

## AP — RET3.1

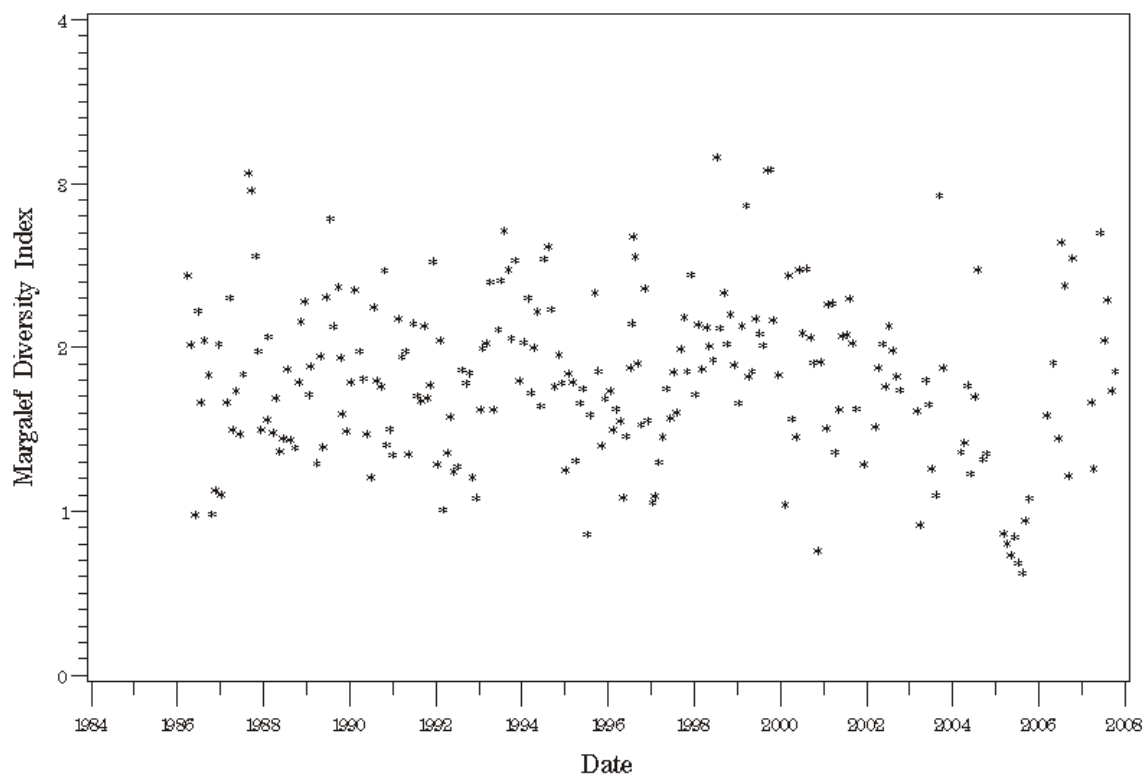


Figure F92. Plot of above pycnocline Margalef diversity index against time at station RET3.1 for the period of 1985 through 2007.

## AP – RET3.1

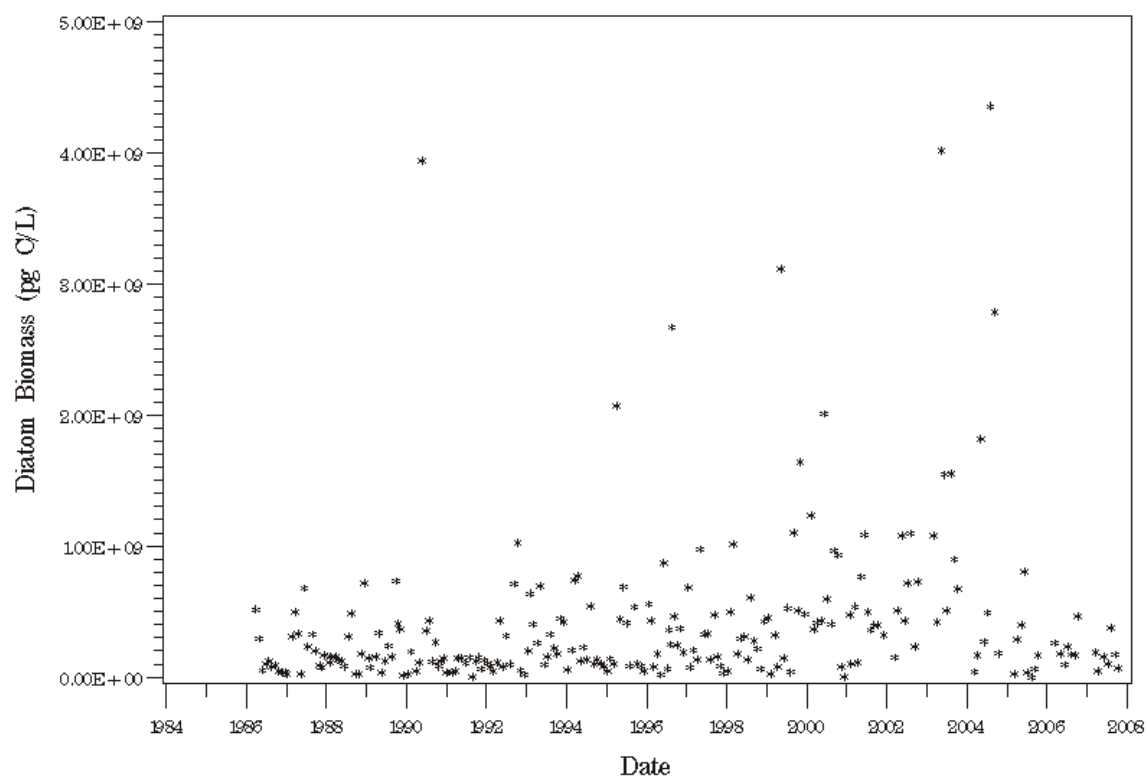


Figure F93. Plot of above pycnocline diatom biomass against time at station RET3.1 for the period of 1985 through 2007.

# AP — RET3.1

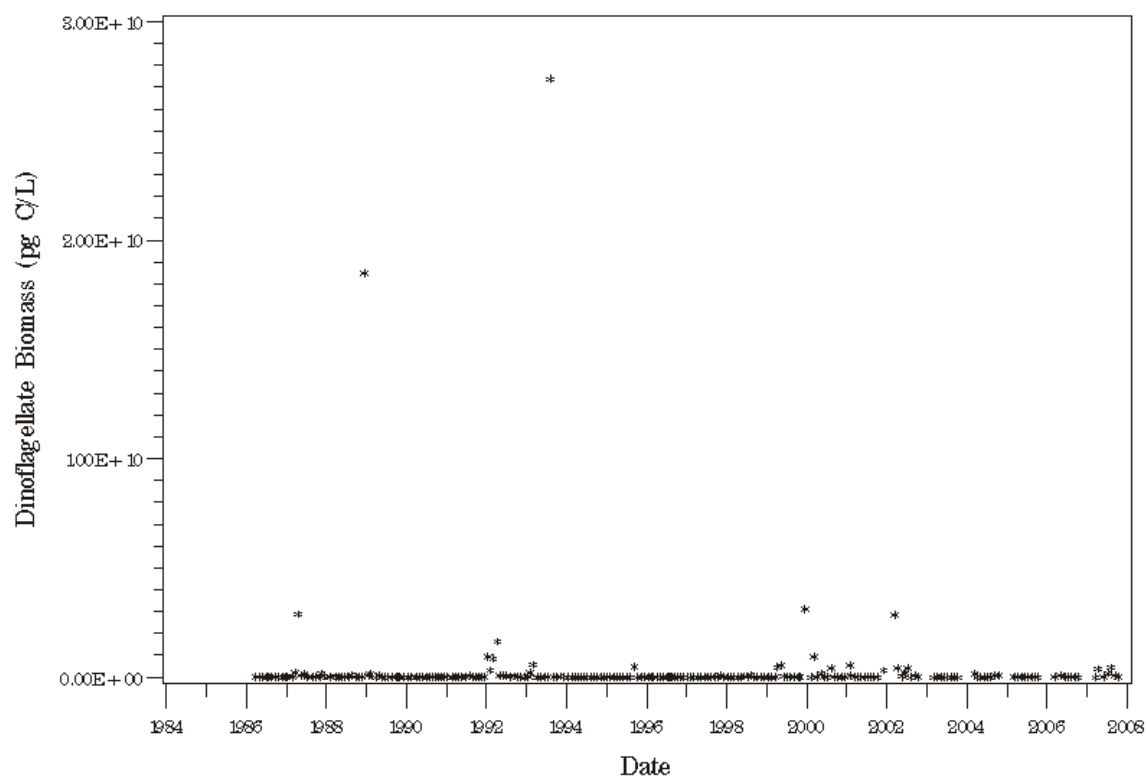


Figure F94. Plot of above pycnocline dinoflagellate biomass against time at station RET3.1 for the period of 1985 through 2007.



## AP – RET3.1

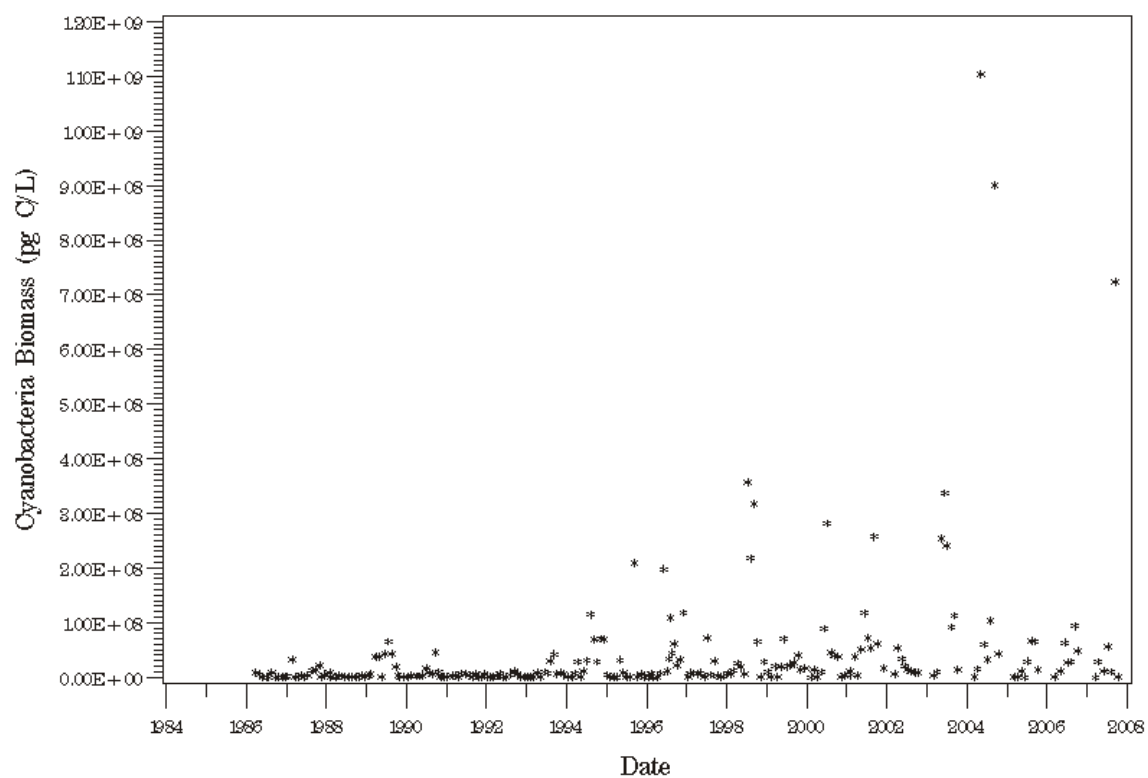


Figure F95. Plot of above pycnocline cyanobacteria biomass against time at station RET3.1 for the period of 1985 through 2007.

## AP – RET3.1

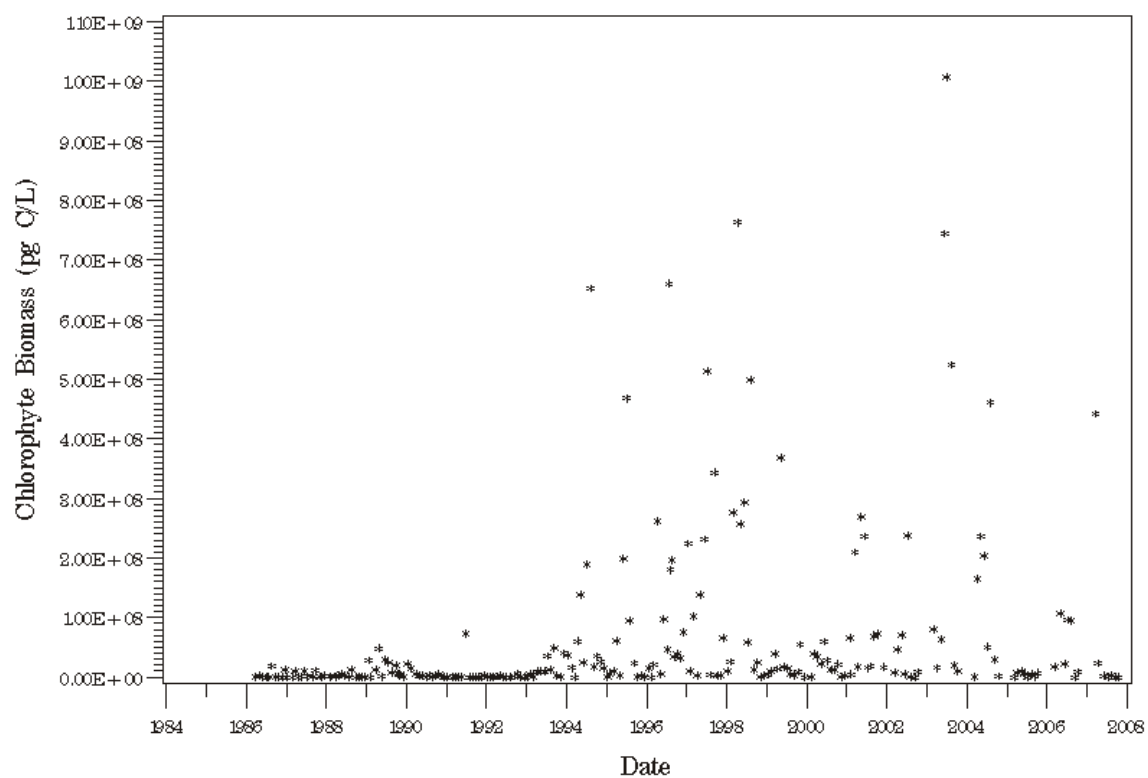


Figure F96. Plot of above pycnocline chlorophyte biomass against time at station RET3.1 for the period of 1985 through 2007.

## AP – RET3.1

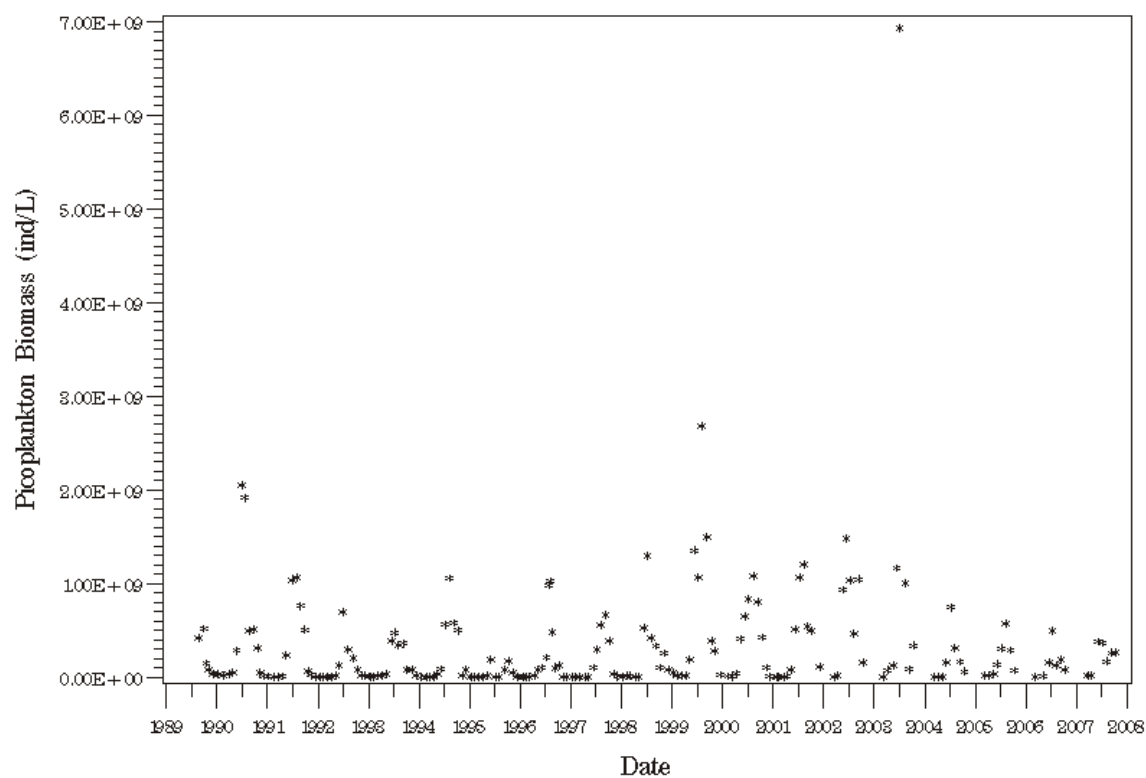


Figure F97. Plot of above pycnocline picoplankton biomass against time at station RET3.1 for the period of 1985 through 2007.

# AP – RET3.1

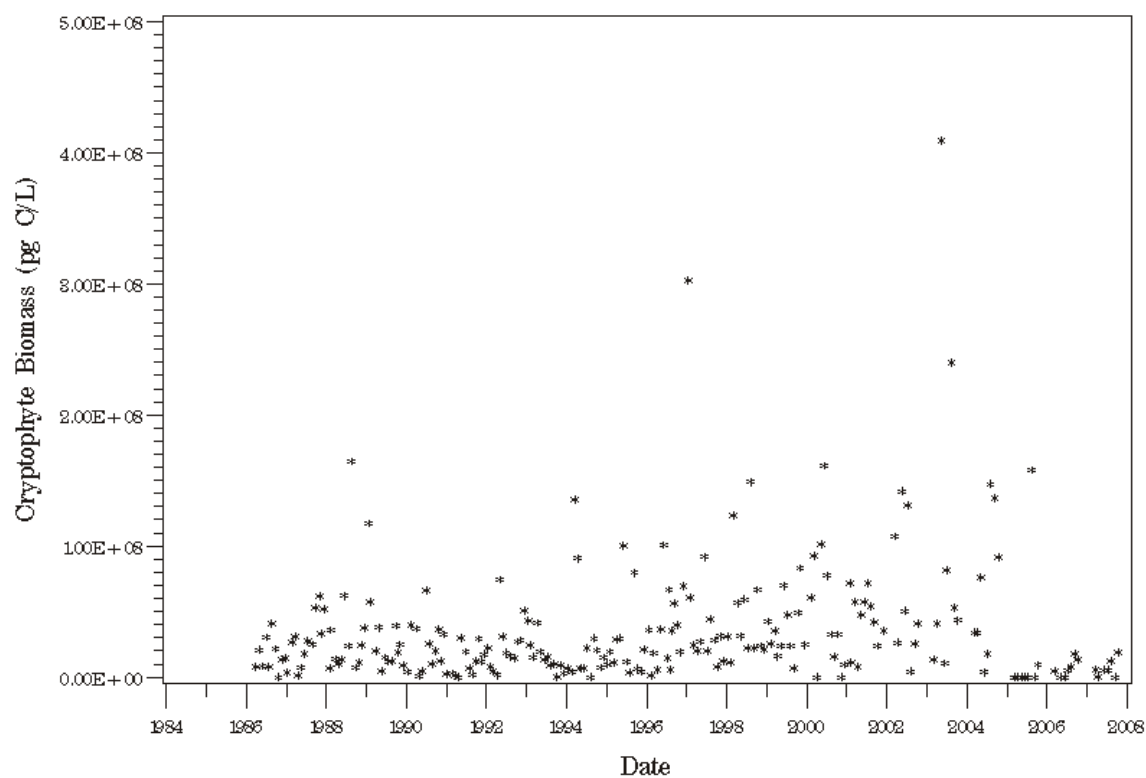


Figure F98. Plot of above pycnocline cryptophyte biomass at station RET3.1 for the period of 1985 through 2007.

# AP — RET3.1

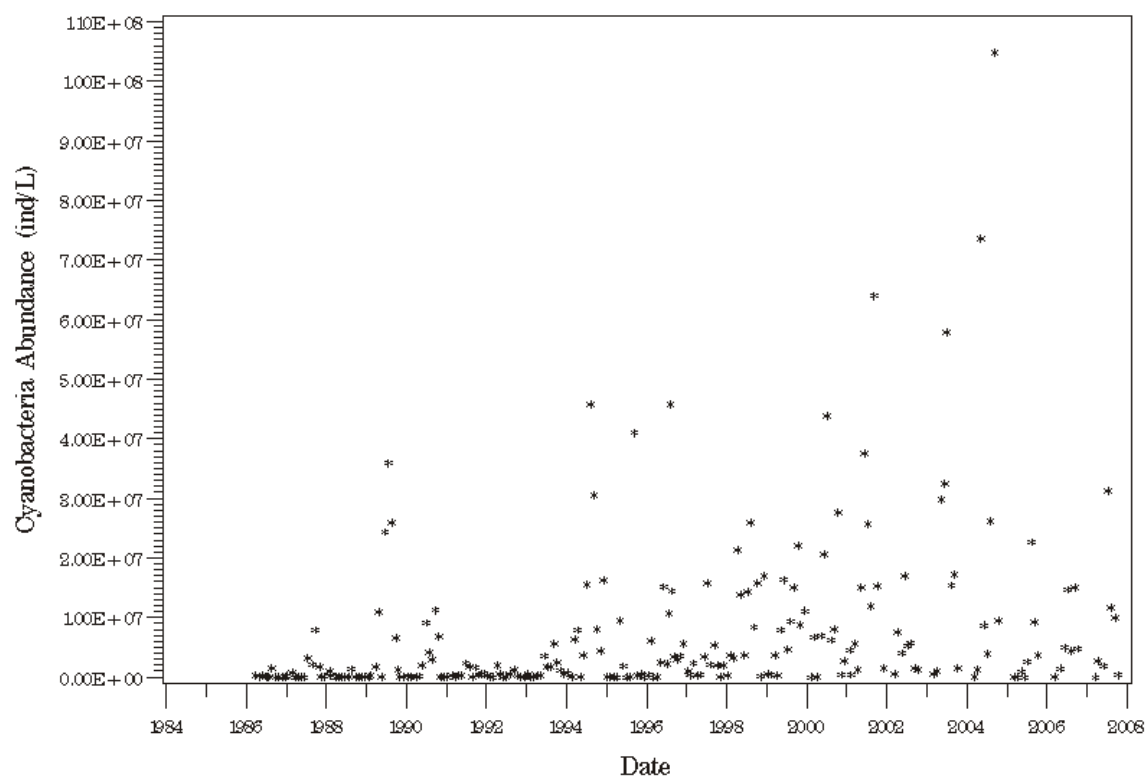


Figure F99. Plot of above pycnocline cyanophyte abundance at station RET3.1 for the period of 1985 through 2007.

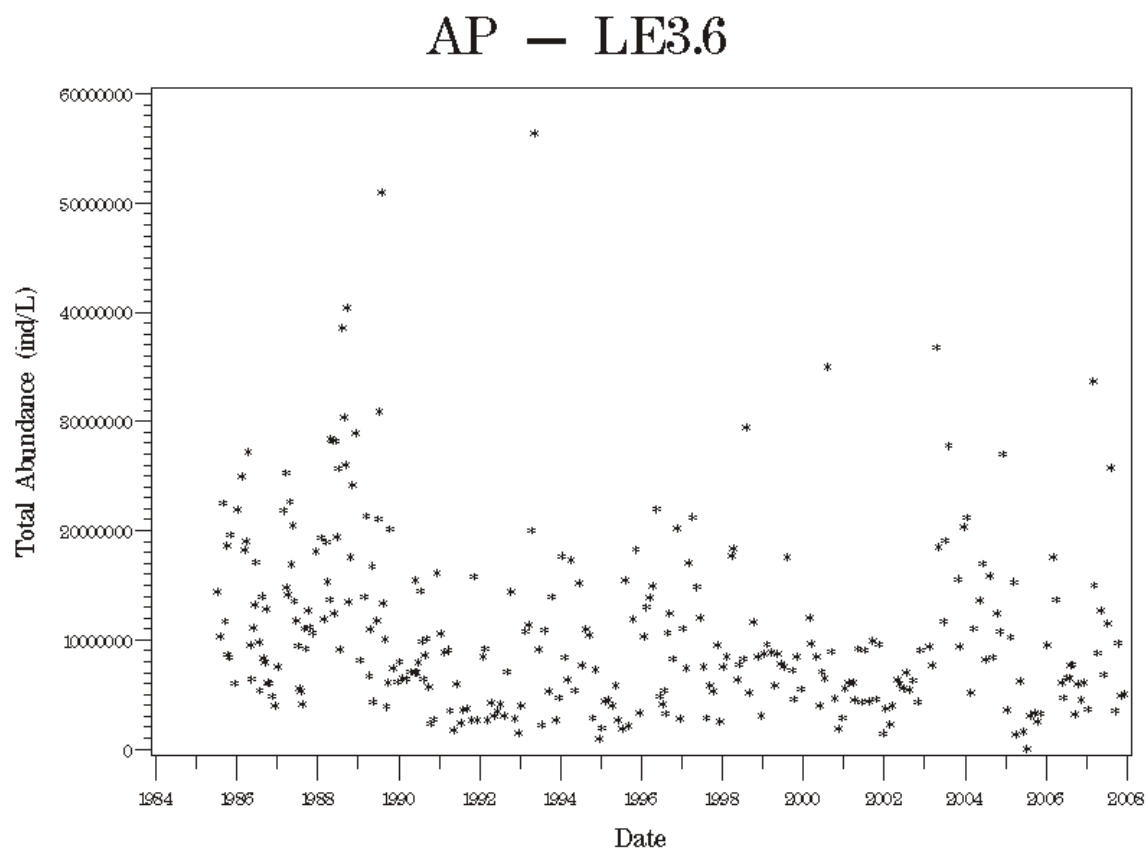


Figure F100. Plot of above pycnocline total phytoplankton abundance against time at station LE3.6 for the period of 1985 through 2007.

## AP – LE3.6

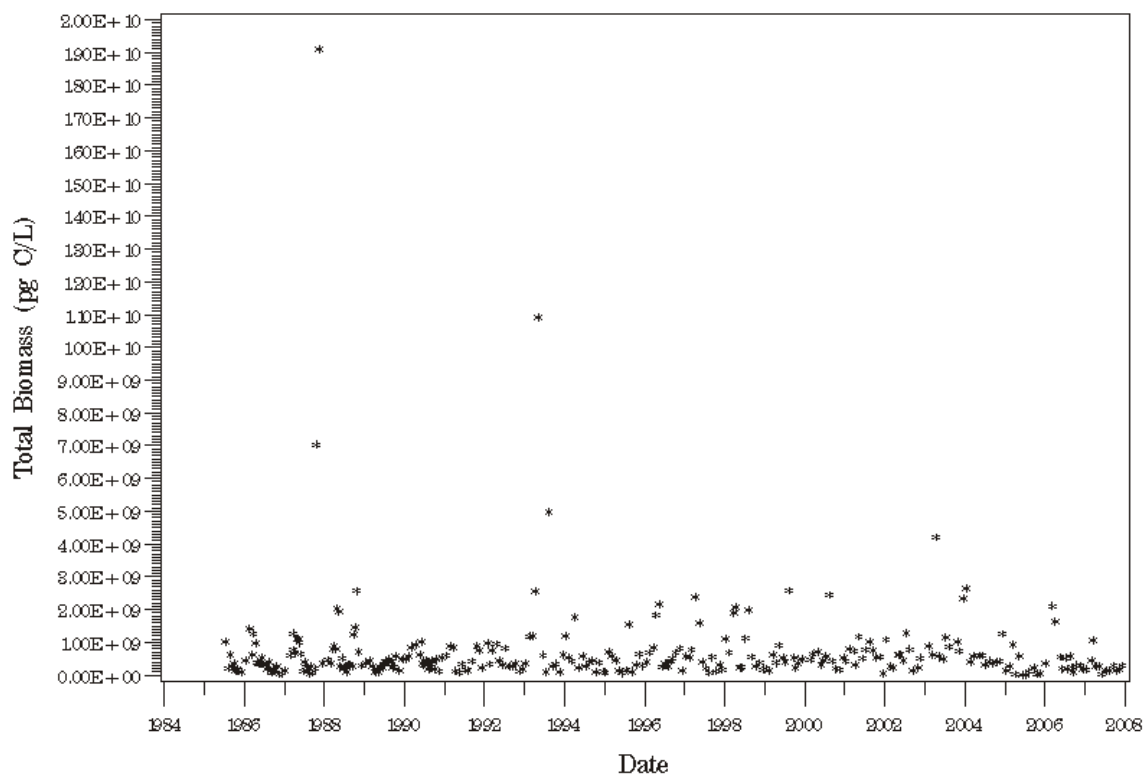


Figure F101. Plot of above pycnocline total phytoplankton biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP – LE3.6

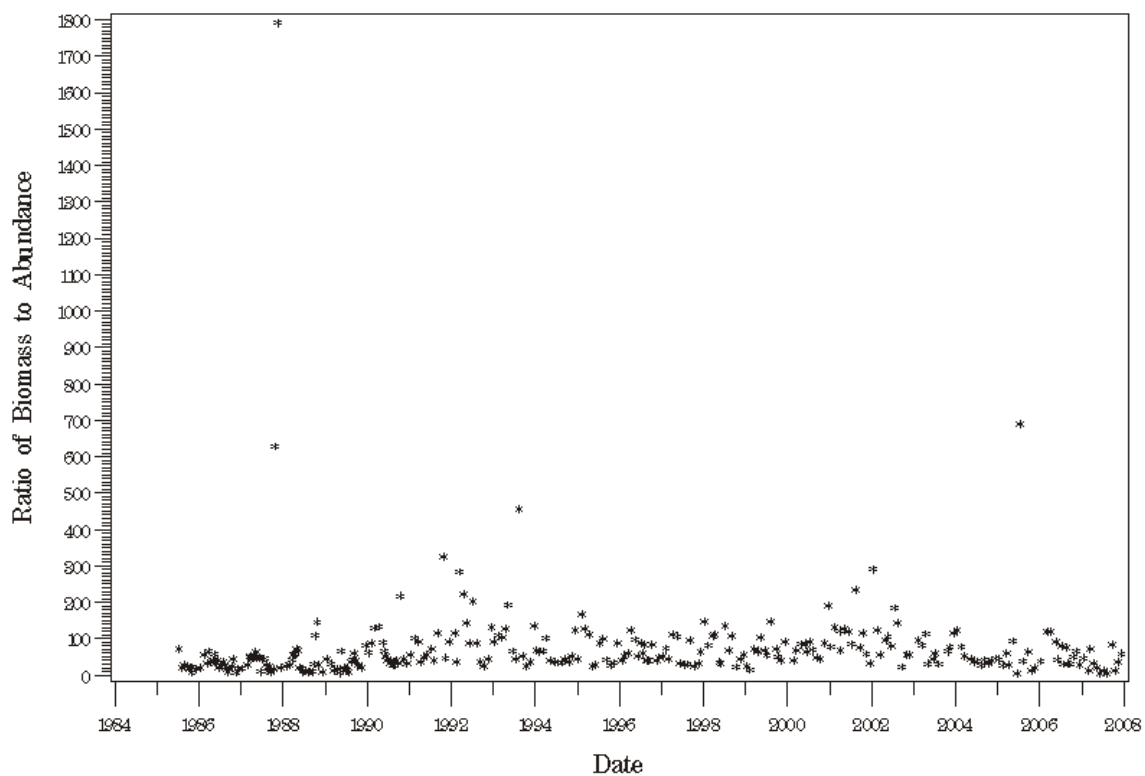


Figure F102. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station LE3.6 for the period of 1985 through 2007.



## AP — LE3.6

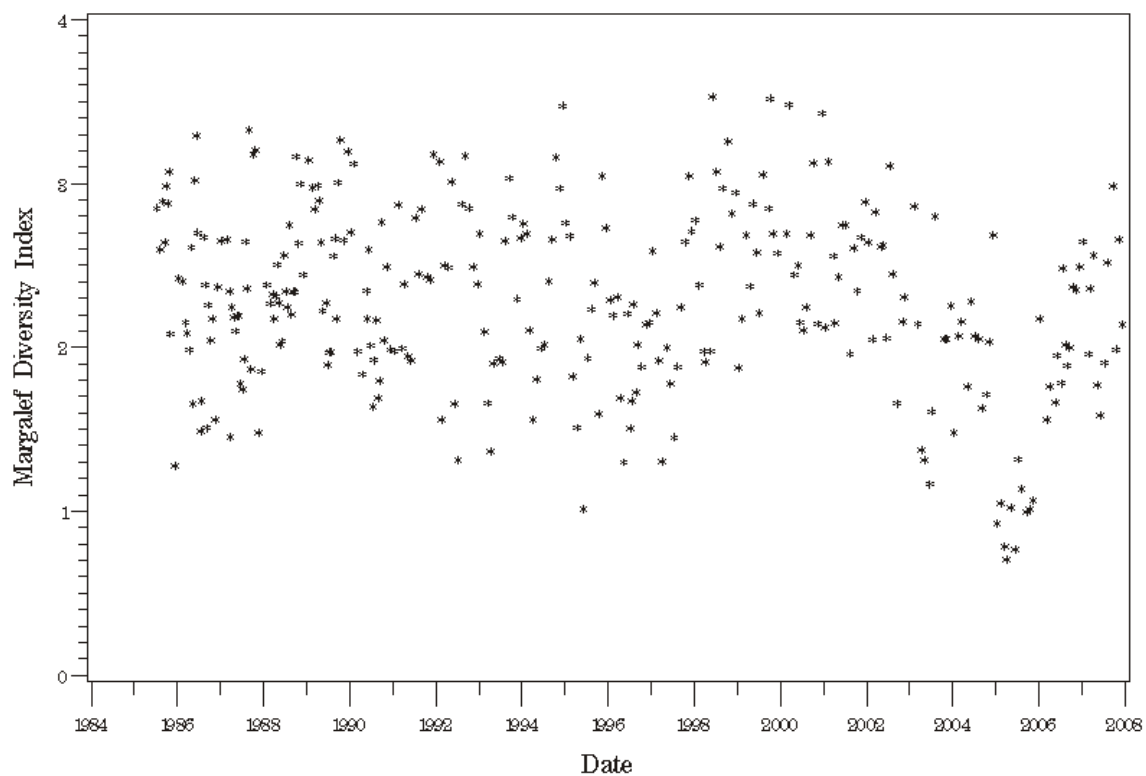


Figure F103. Plot of above pycnocline Margalef diversity index against time at station LE3.6 for the period of 1985 through 2007.

## AP — LE3.6

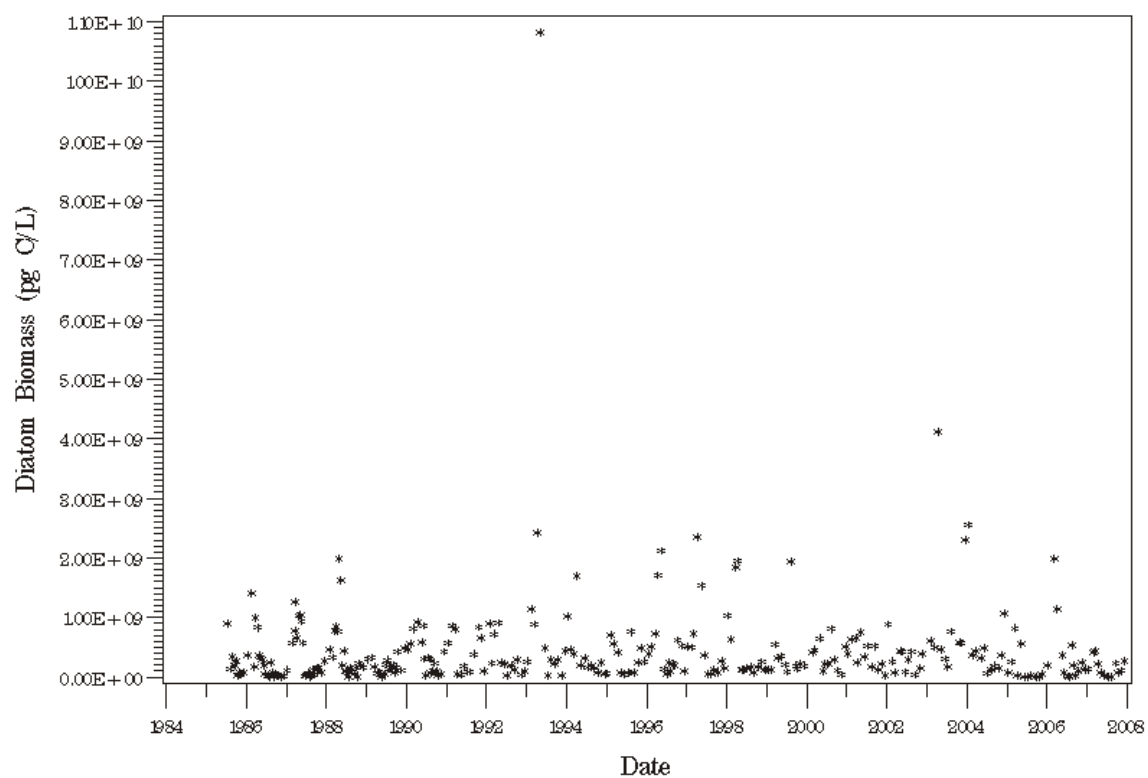


Figure F104. Plot of above pycnocline diatom biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP — LE3.6

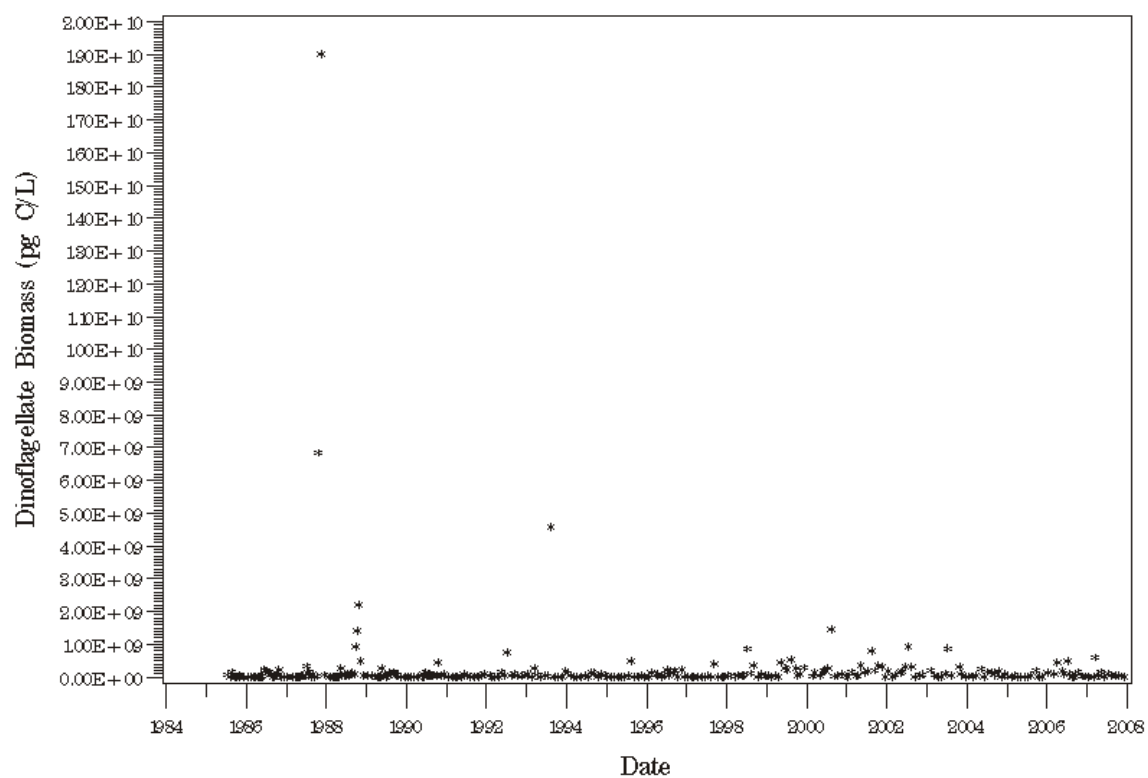


Figure F105. Plot of above pycnocline dinoflagellate biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP – LE3.6

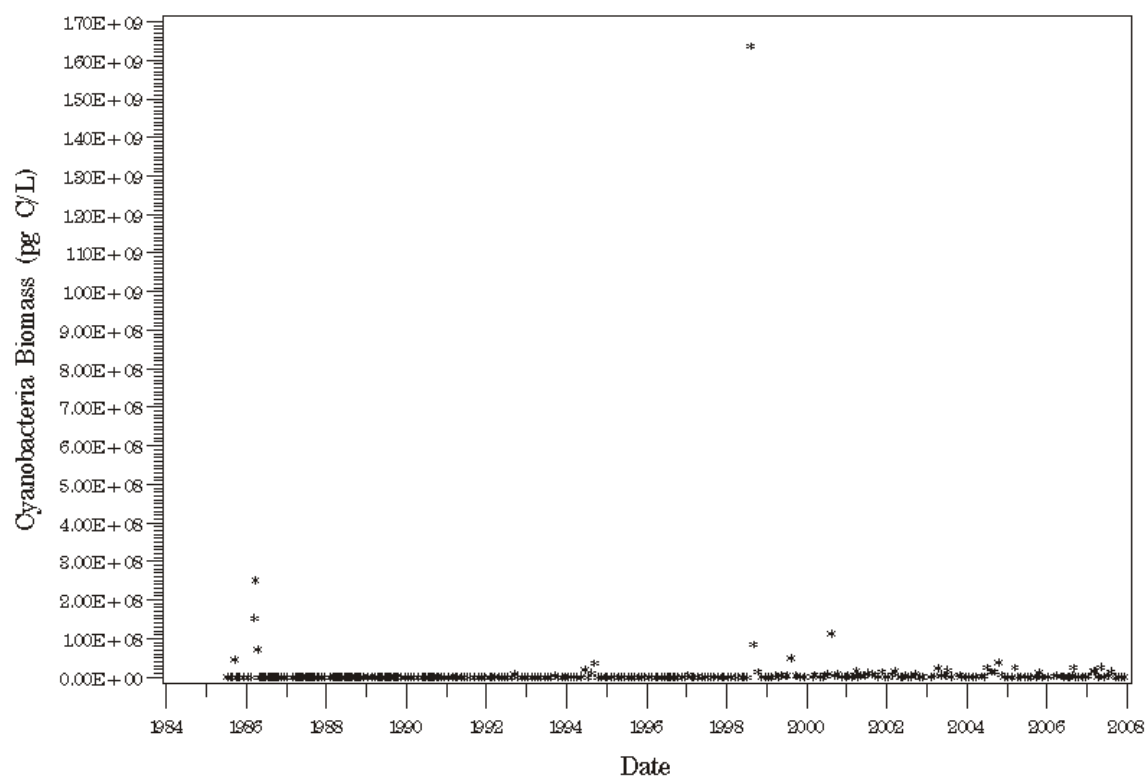


Figure F106. Plot of above pycnocline cyanobacteria biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP — LE3.6

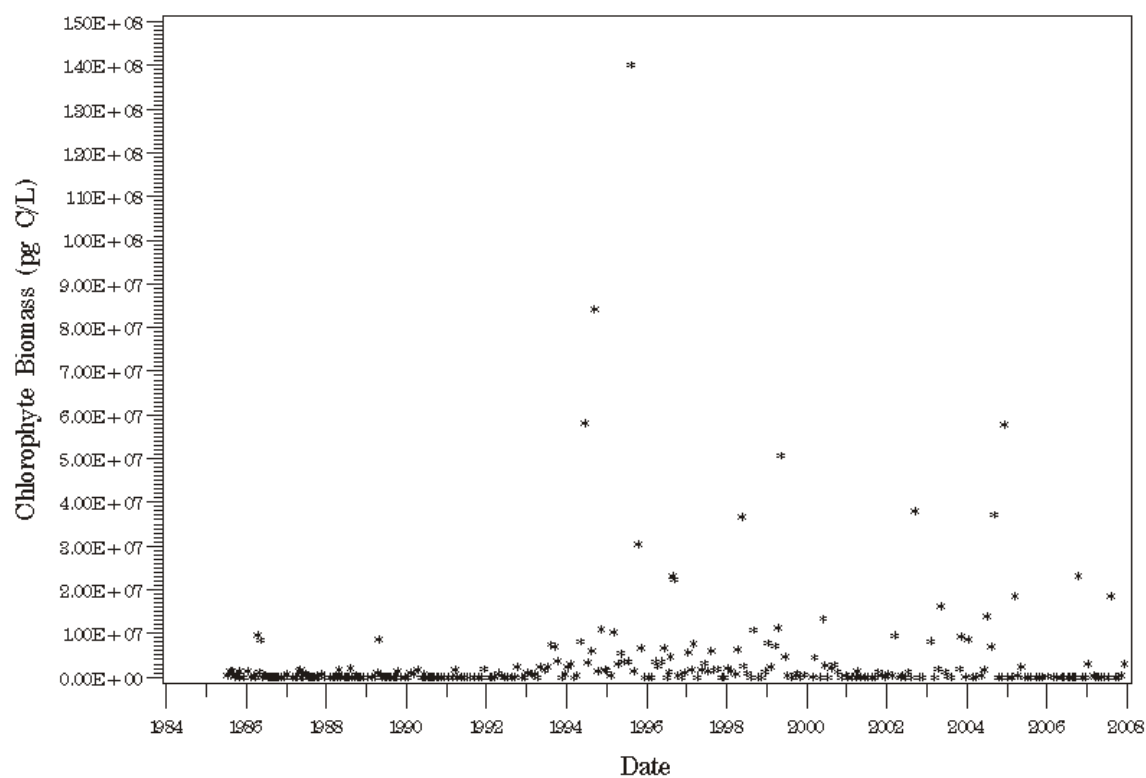


Figure F107. Plot of above pycnocline chlorophyte biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP — LE3.6

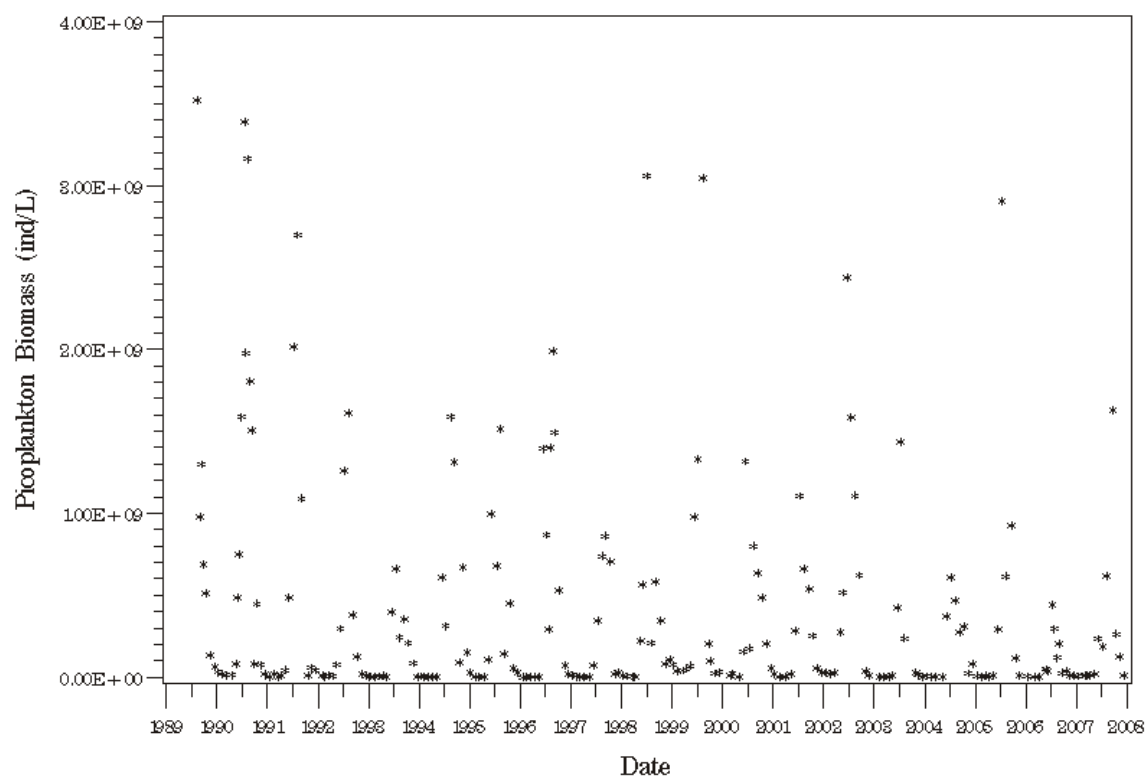


Figure F108. Plot of above pycnocline picoplankton biomass against time at station LE3.6 for the period of 1985 through 2007.

## AP — LE3.6

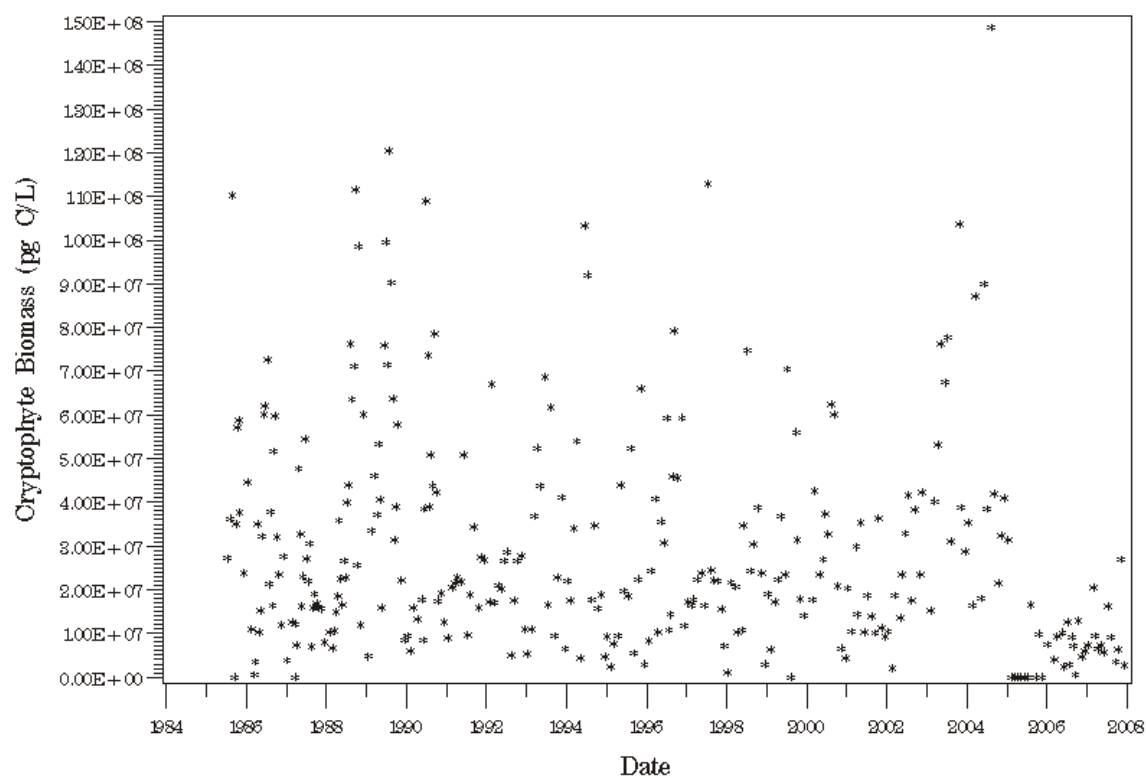


Figure F109. Plot of above pycnocline cryptophyte biomass at station LE3.6 for the period of 1985 through 2007.

## AP – LE3.6

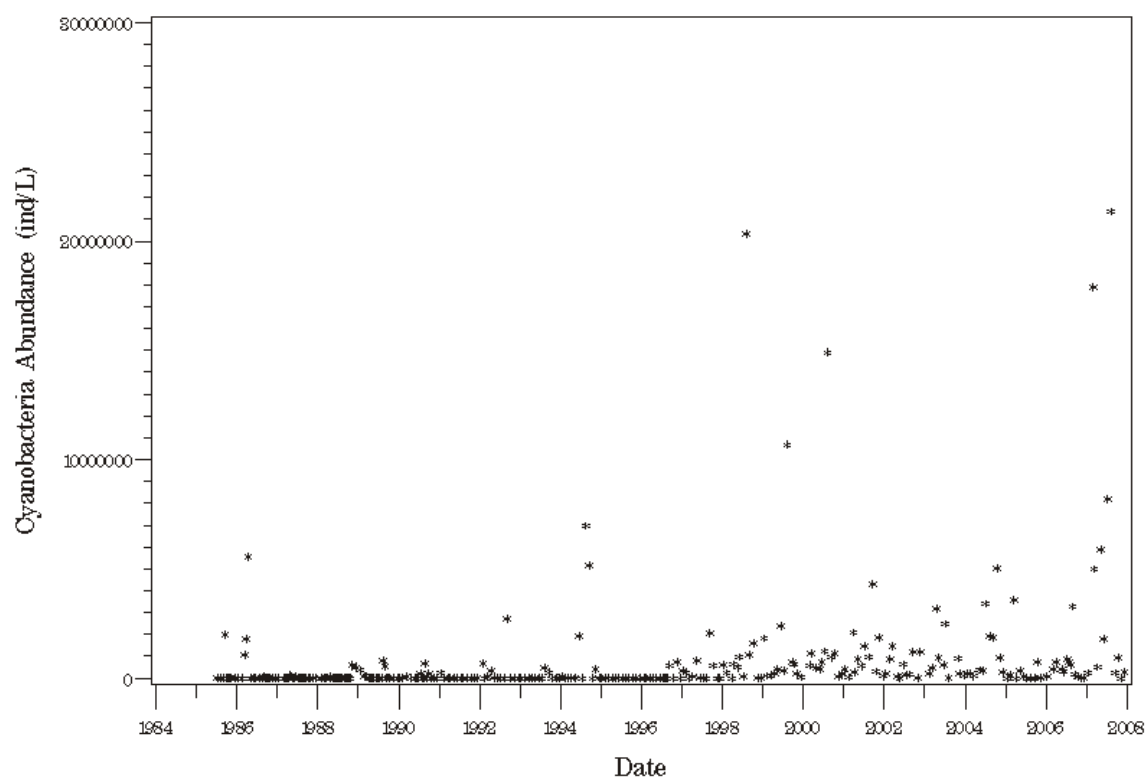


Figure F110. Plot of above pycnocline cyanophyte abundance at station LE3.6 for the period of 1985 through 2007.



## AP – CB6.1

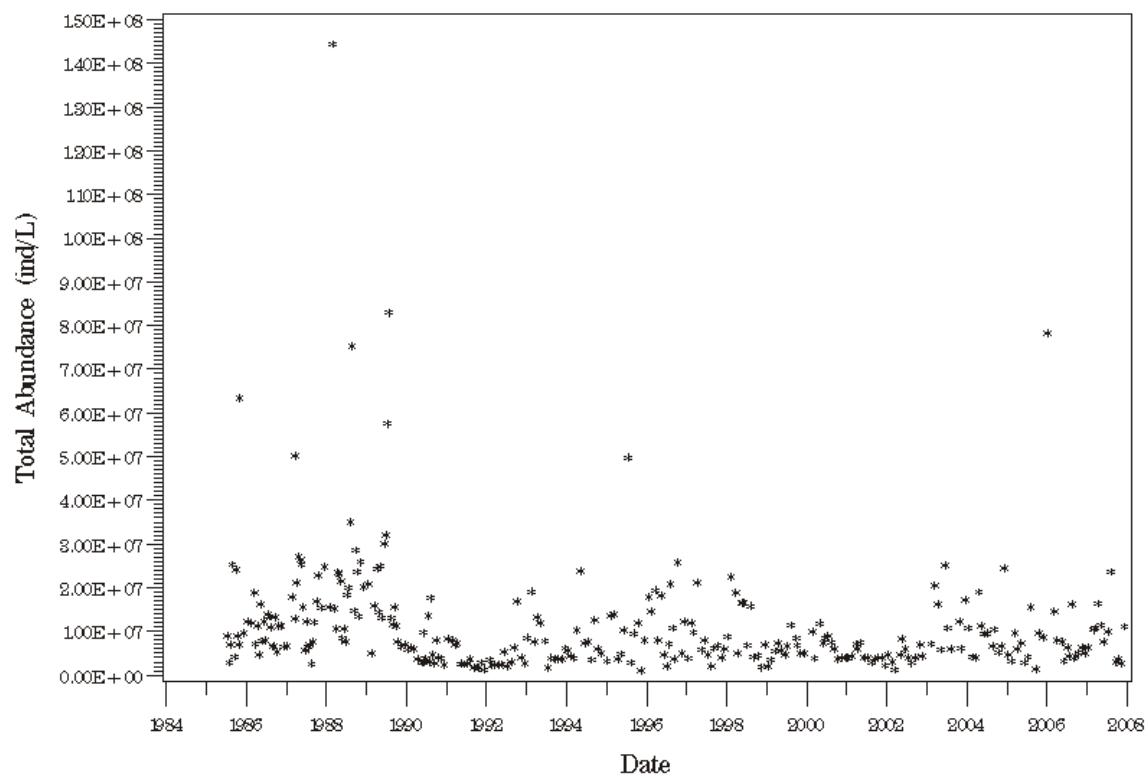


Figure F111. Plot of above pycnocline total phytoplankton abundance against time at station CB6.1 for the period of 1985 through 2007.

## AP – CB6.1

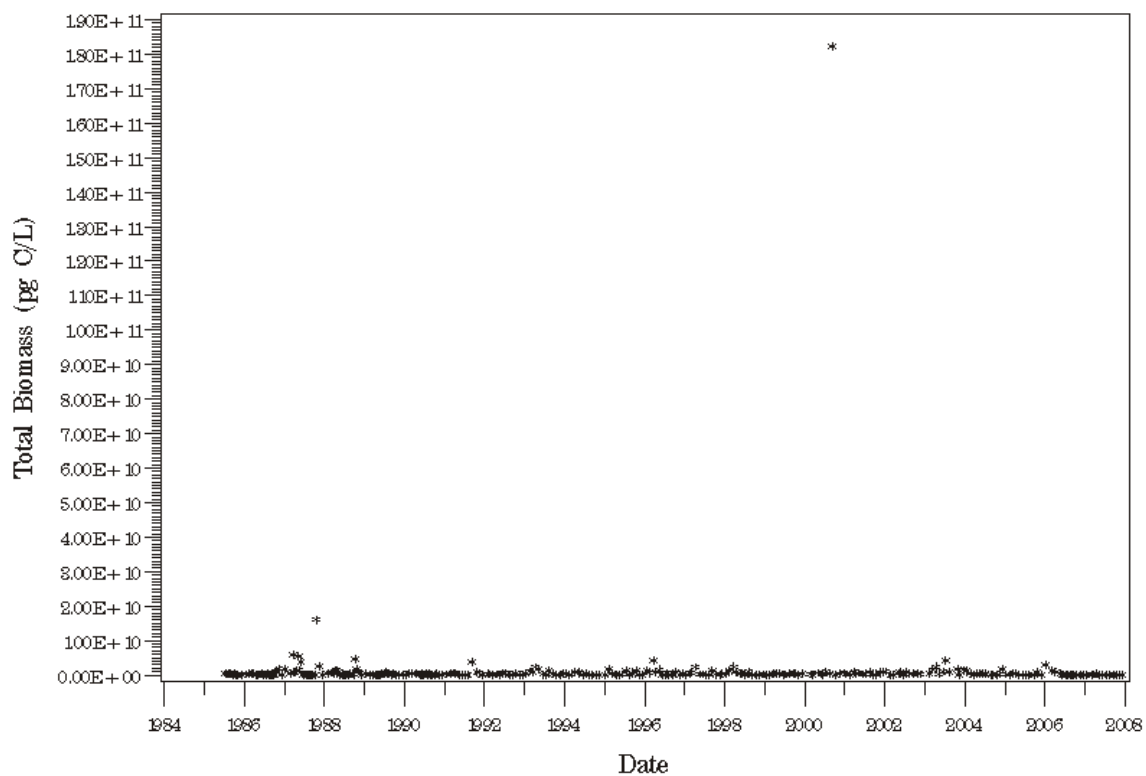


Figure F112. Plot of above pycnocline total phytoplankton biomass against time at station CB6.1 for the period of 1985 through 2007.

## AP — CB6.1

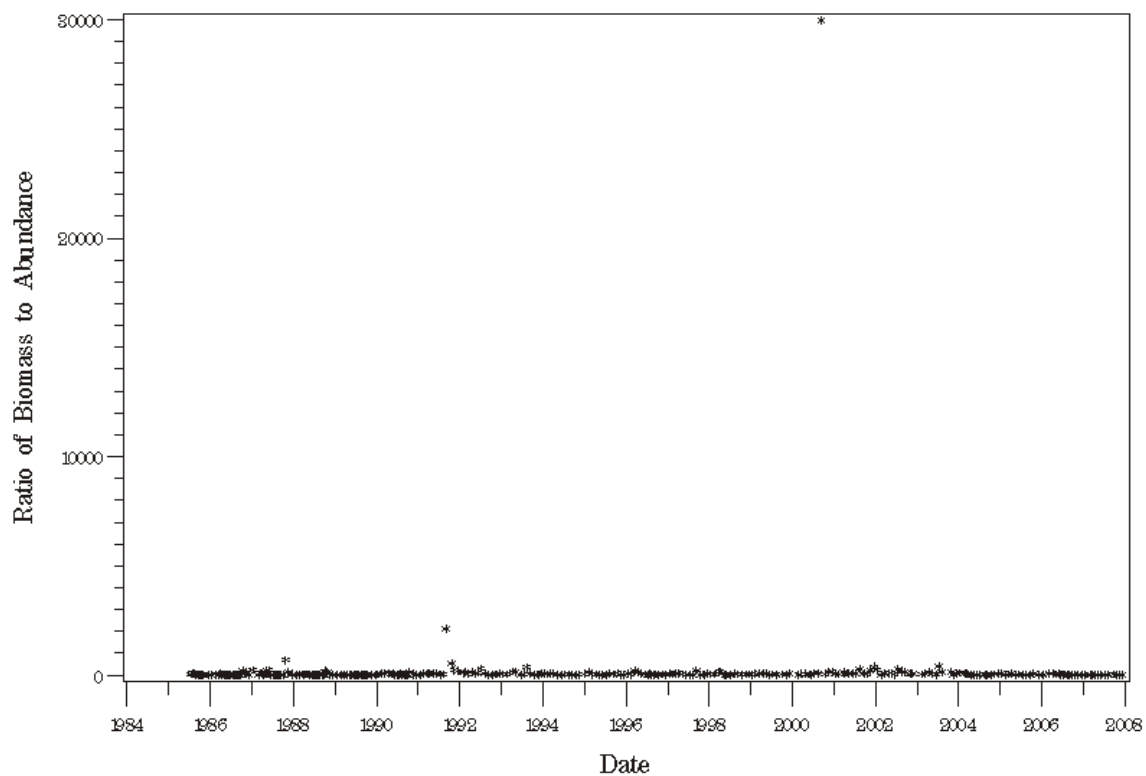


Figure F113. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

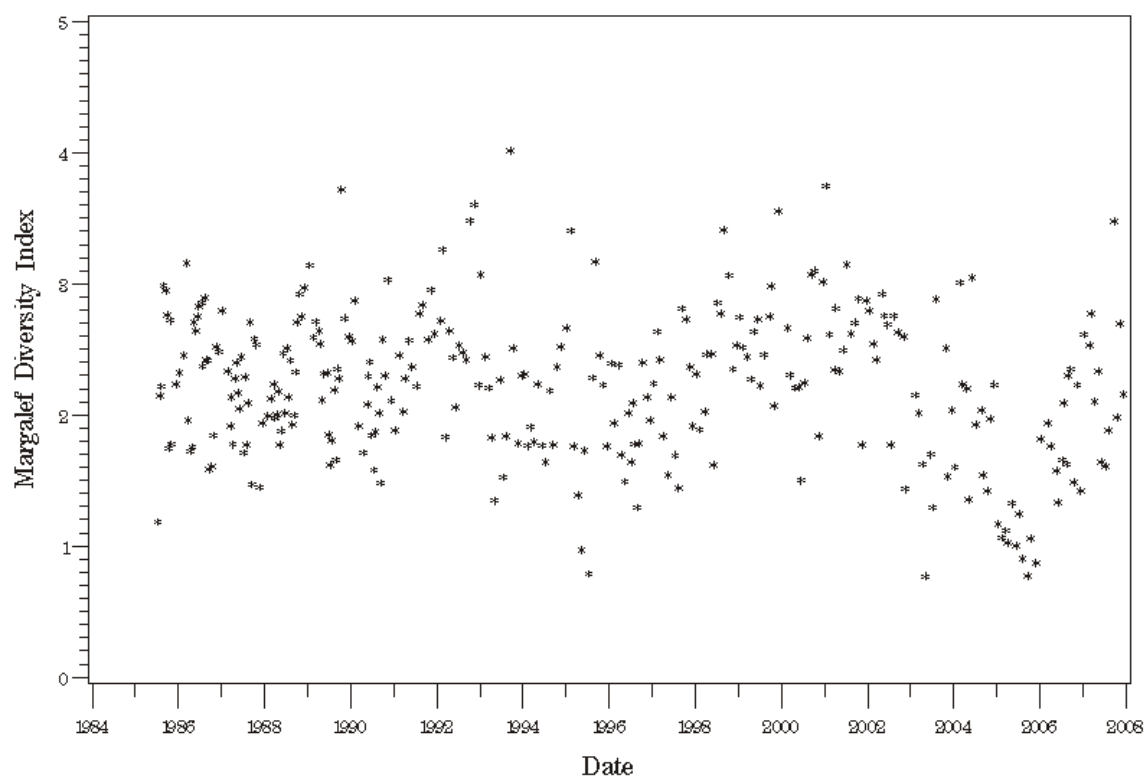


Figure F114. Plot of above pycnocline Margalef diversity index against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

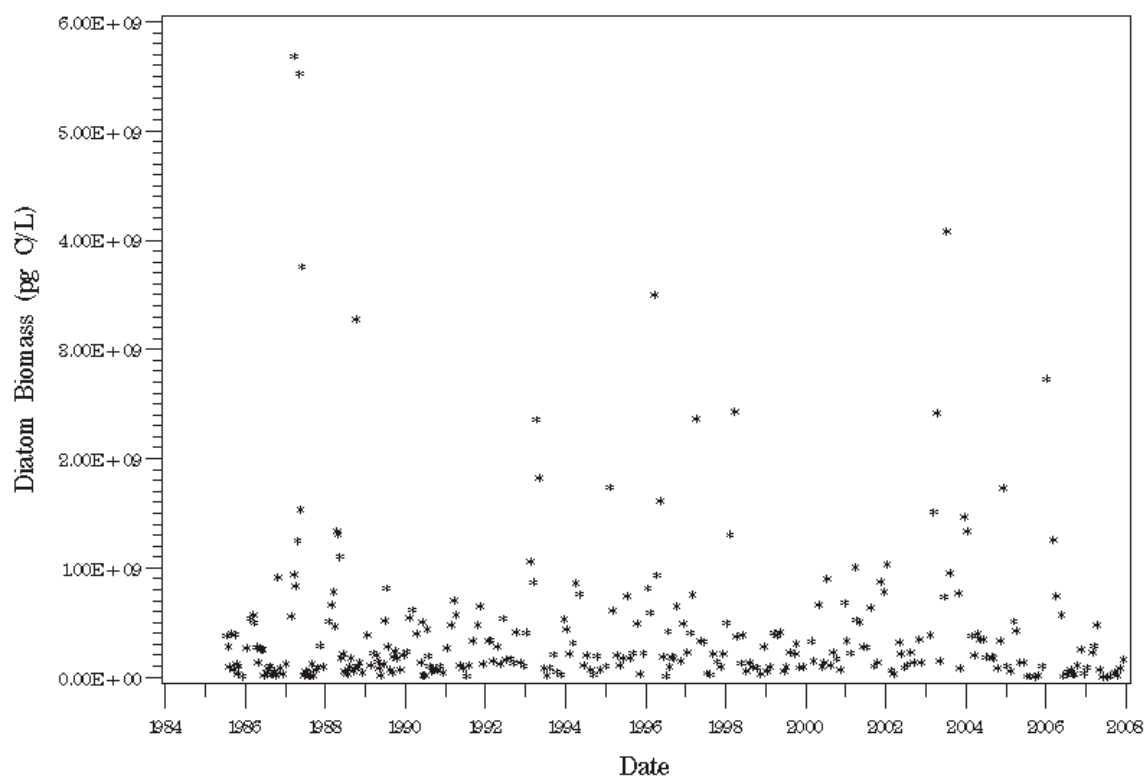


Figure F115. Plot of above pycnocline diatom biomass against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

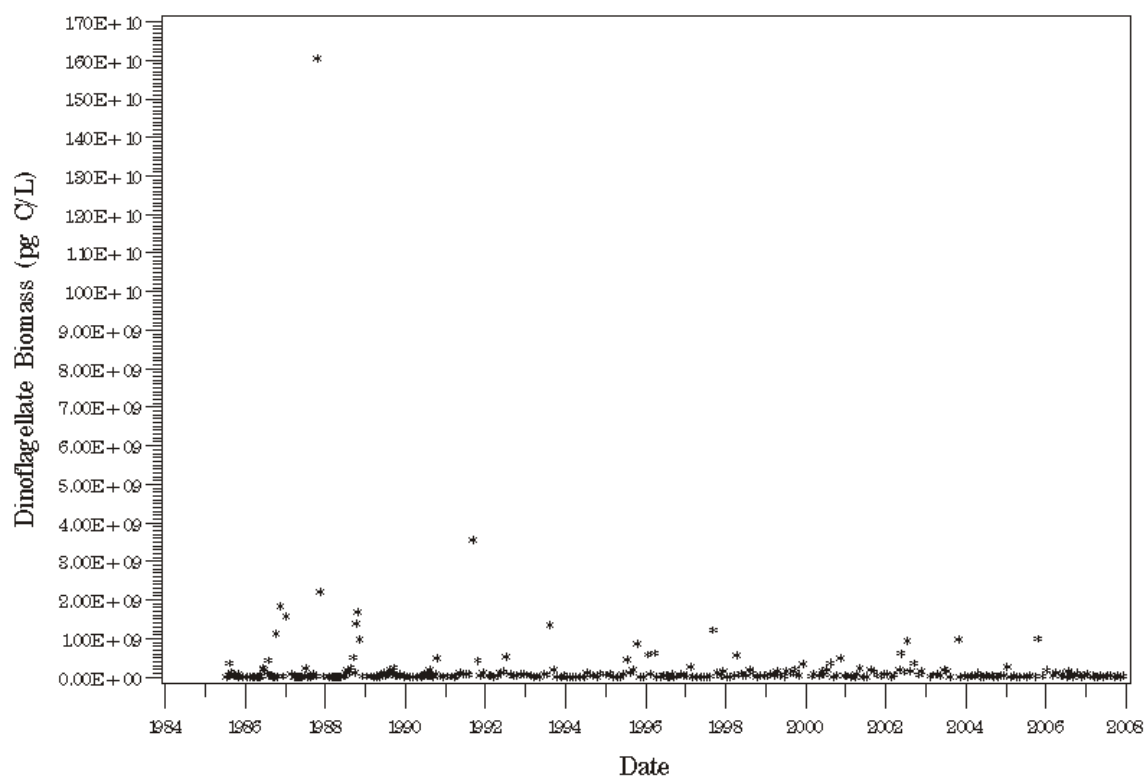


Figure F116. Plot of above pycnocline dinoflagellate biomass against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

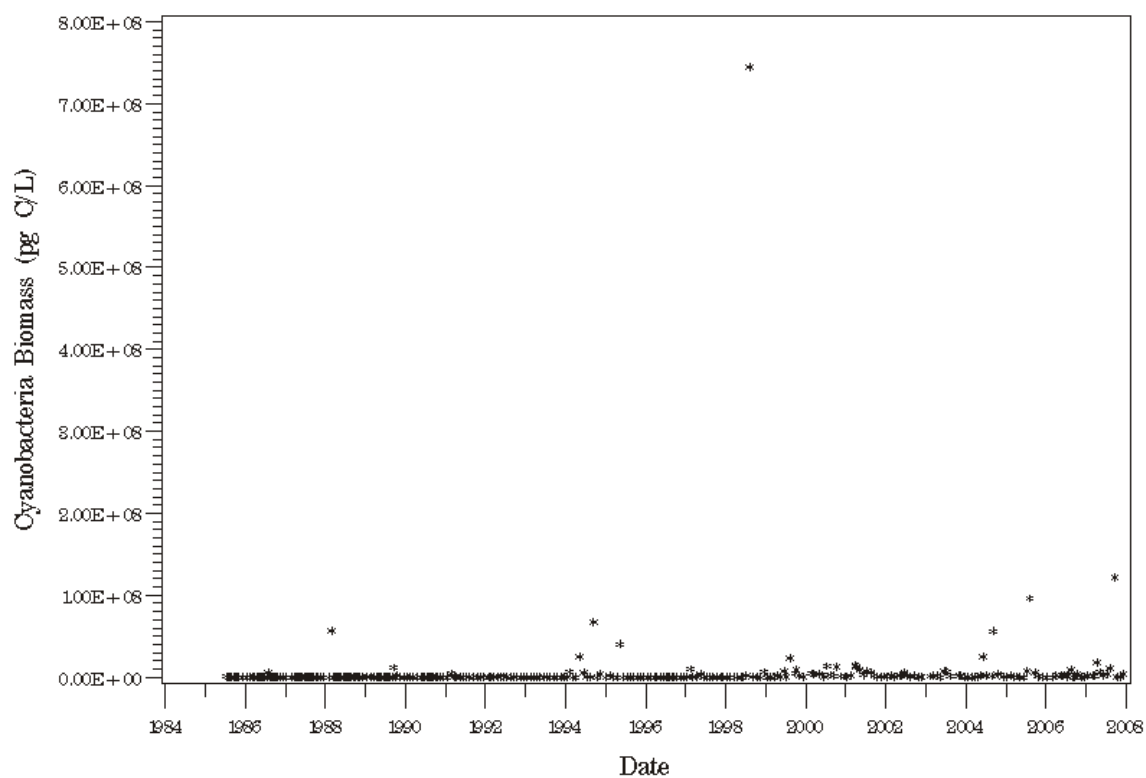


Figure F117. Plot of above pycnocline cyanobacteria biomass against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

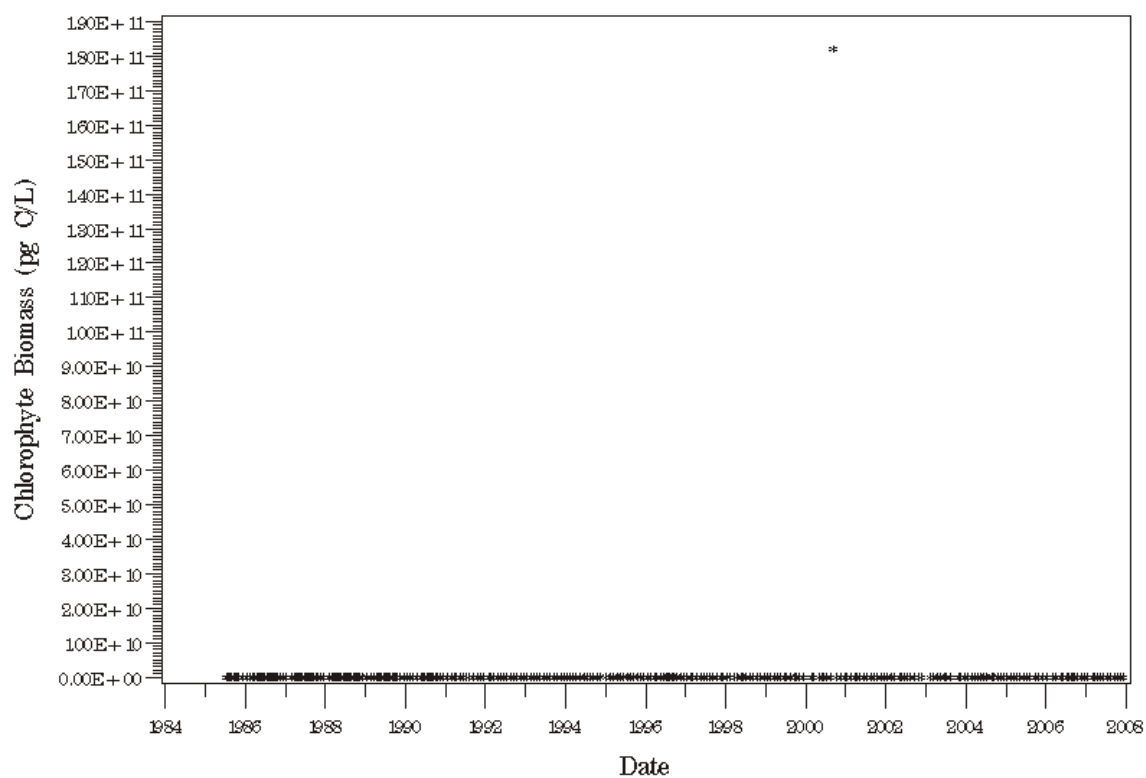


Figure F118. Plot of above pycnocline chlorophyte biomass against time at station CB6.1 for the period of 1985 through 2007.



# AP — CB6.1

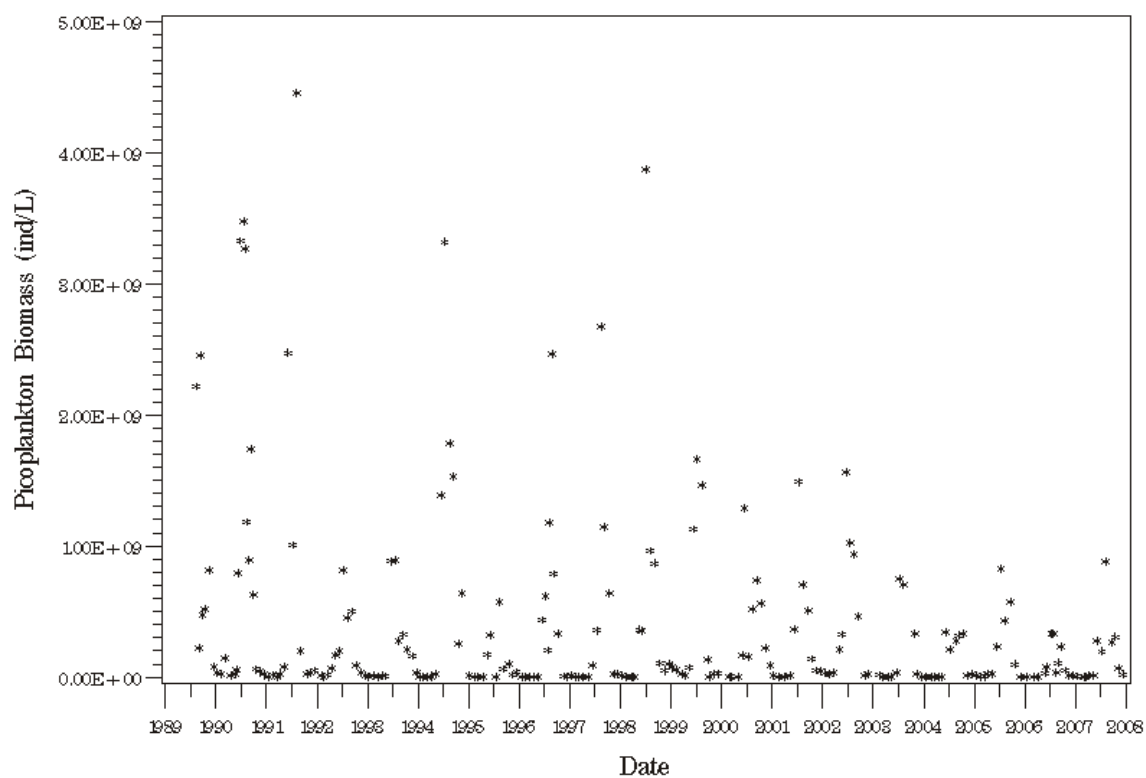


Figure F119. Plot of above pycnocline picoplankton biomass against time at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

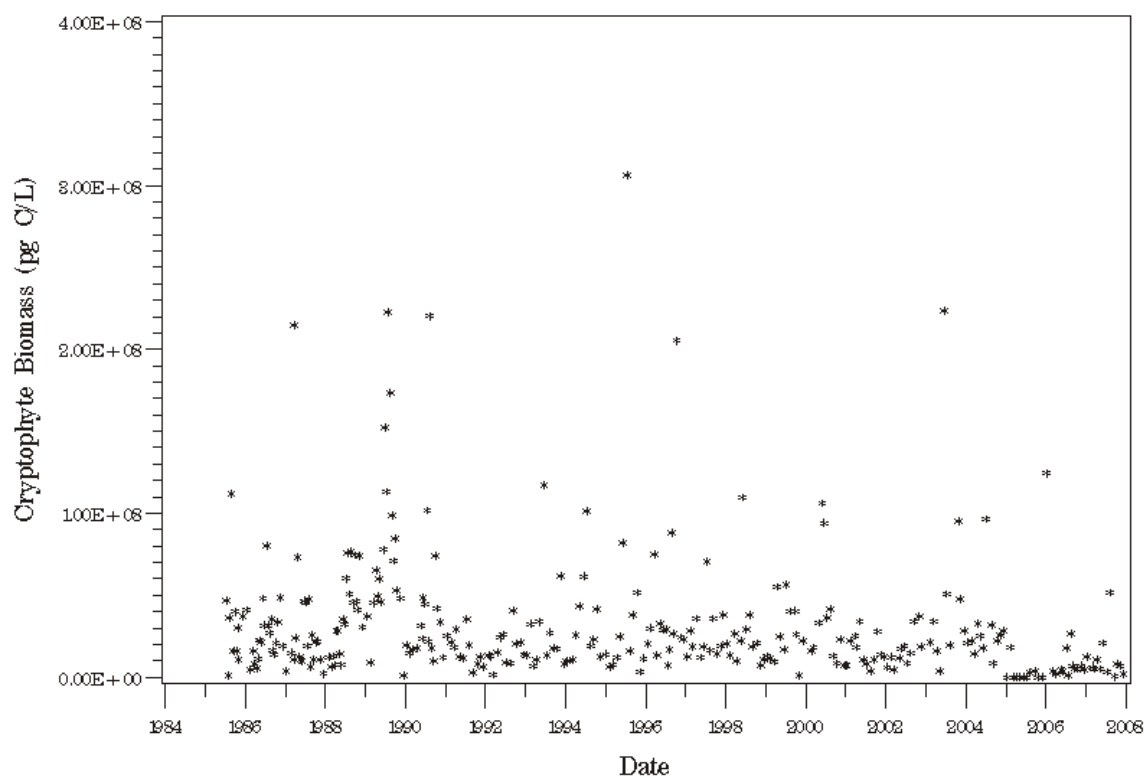


Figure F120. Plot of above pycnocline cryptophyte biomass at station CB6.1 for the period of 1985 through 2007.

# AP — CB6.1

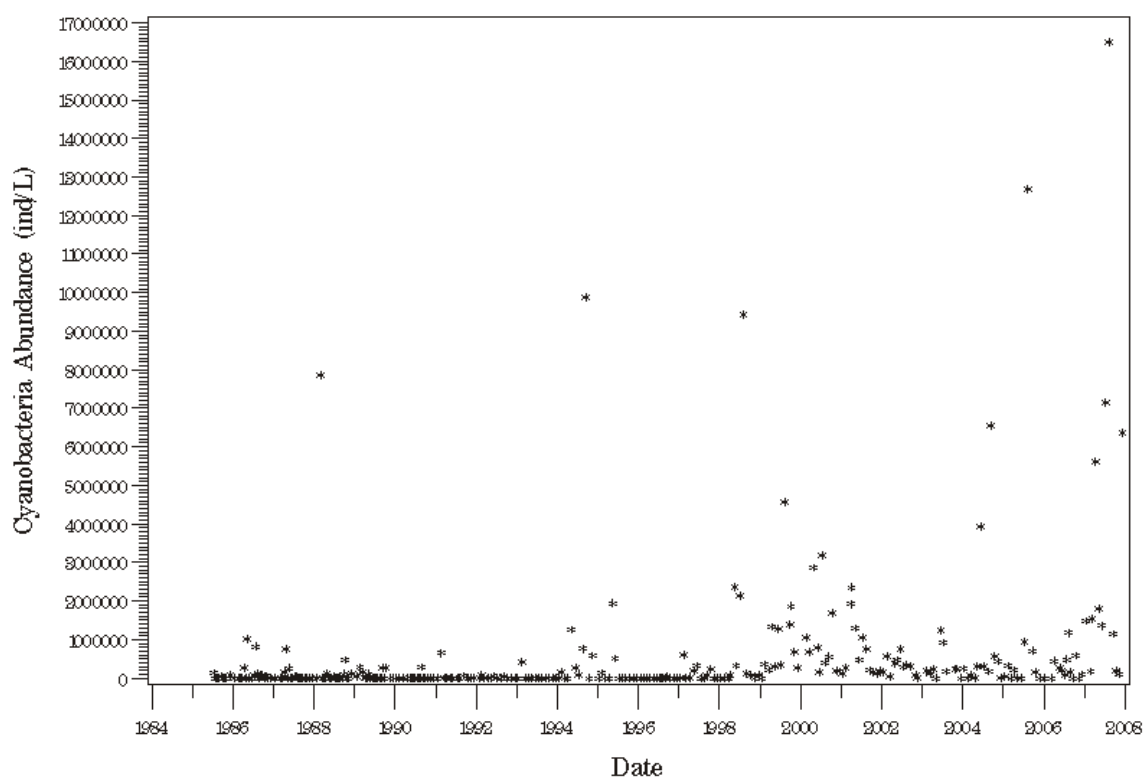


Figure F121. Plot of above pycnocline cyanophyte abundance at station CB6.1 for the period of 1985 through 2007.

## AP – CB6.4

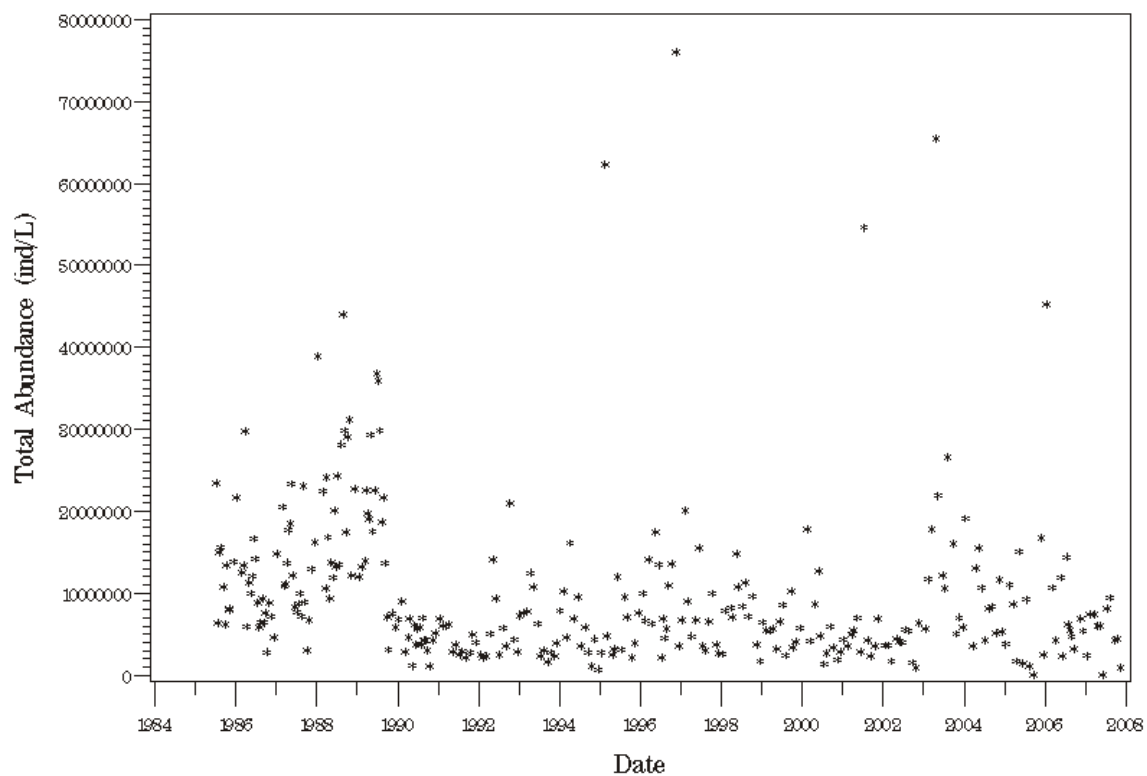


Figure F122. Plot of above pycnocline total phytoplankton abundance against time at station CB6.4 for the period of 1985 through 2007.

## AP — CB6.4

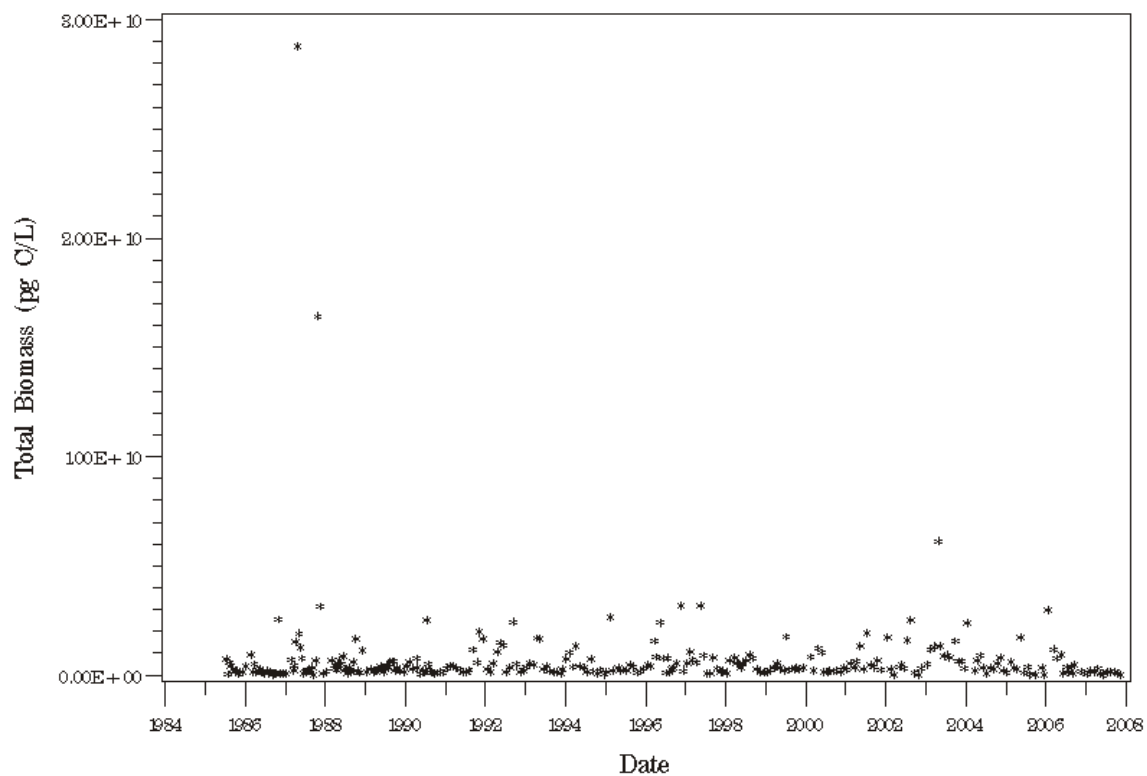


Figure F123. Plot of above pycnocline total phytoplankton biomass against time at station CB6.4 for the period of 1985 through 2007.

## AP — CB6.4

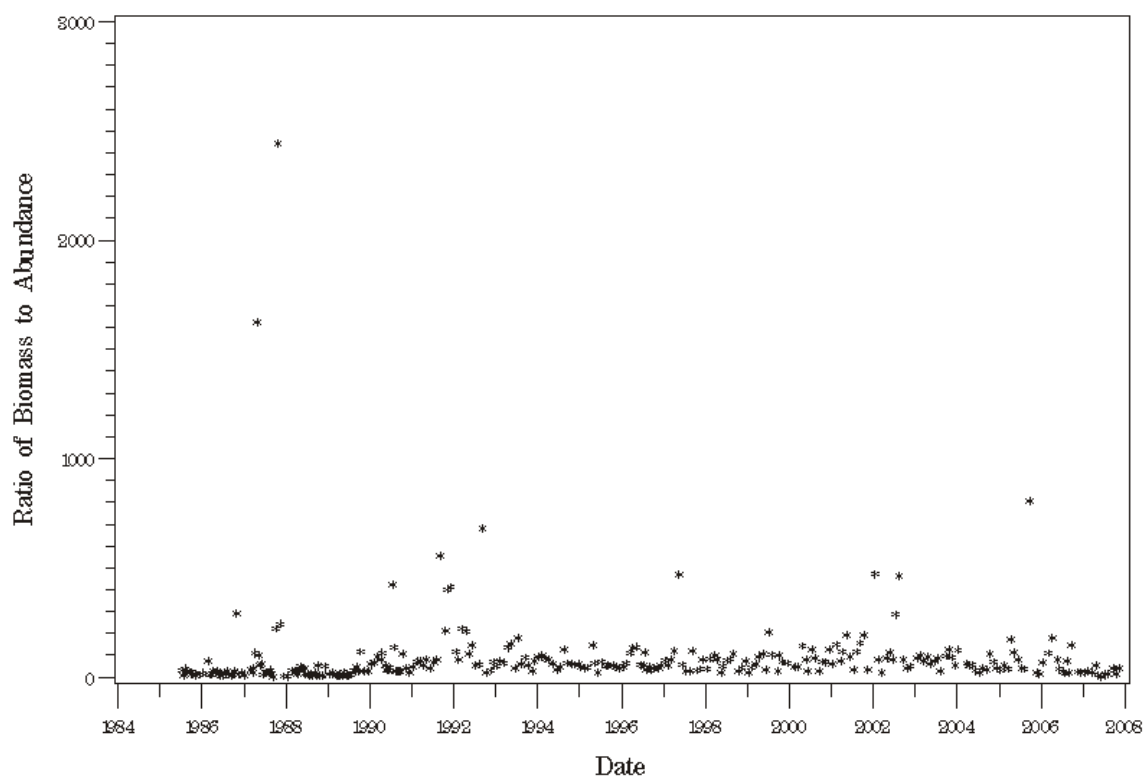


Figure F124. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station CB6.4 for the period of 1985 through 2007.

# AP — CB6.4

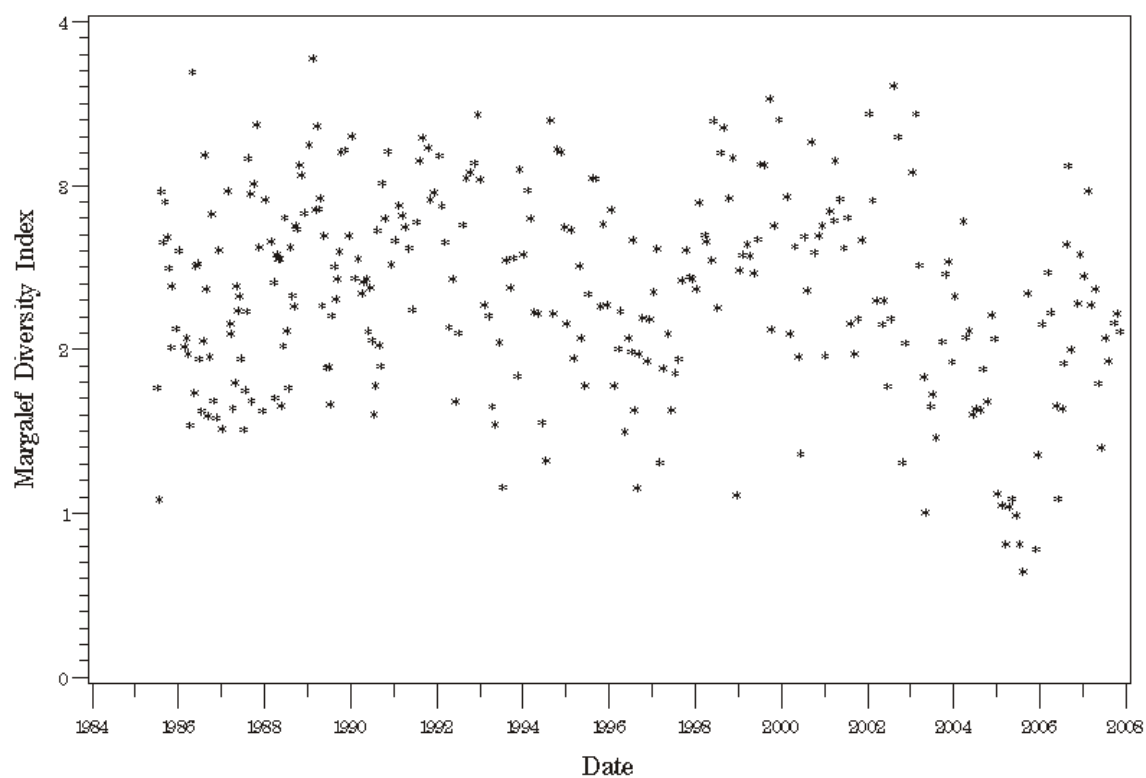


Figure F125. Plot of above pycnocline Margalef diversity index against time at station CB6.4 for the period of 1985 through 2007.

# AP — CB6.4

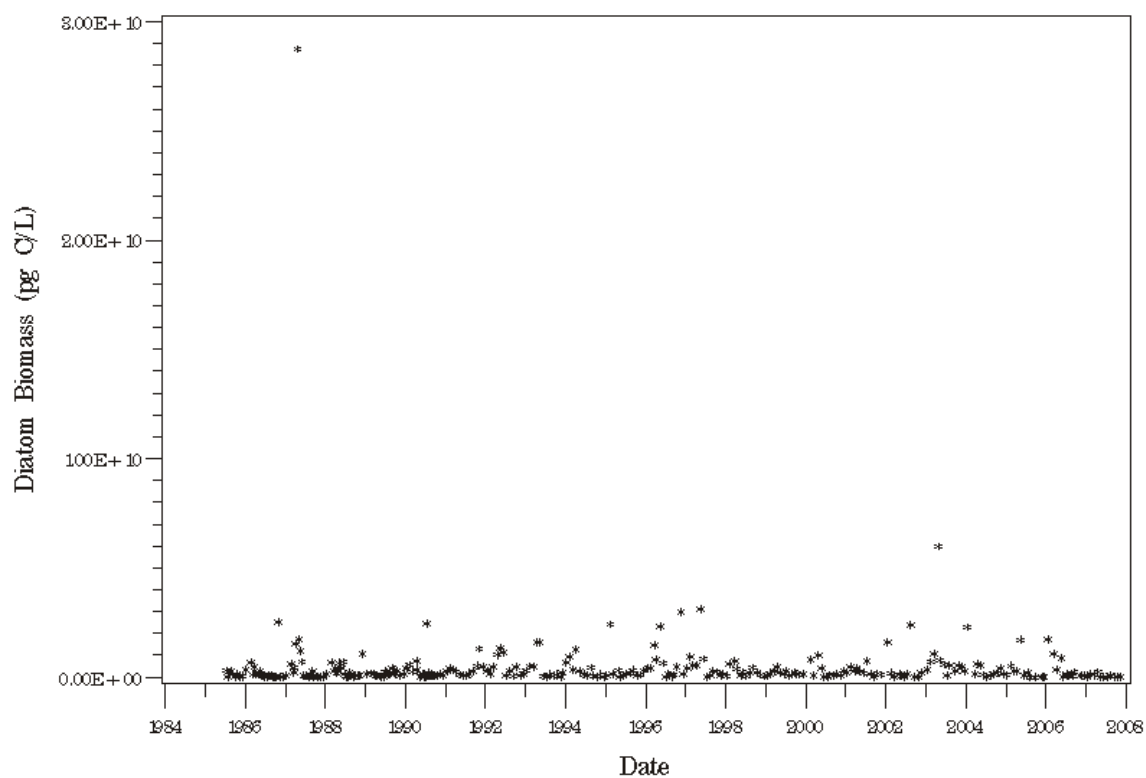


Figure F126. Plot of above pycnocline diatom biomass against time at station CB6.4 for the period of 1985 through 2007.



# AP — CB6.4

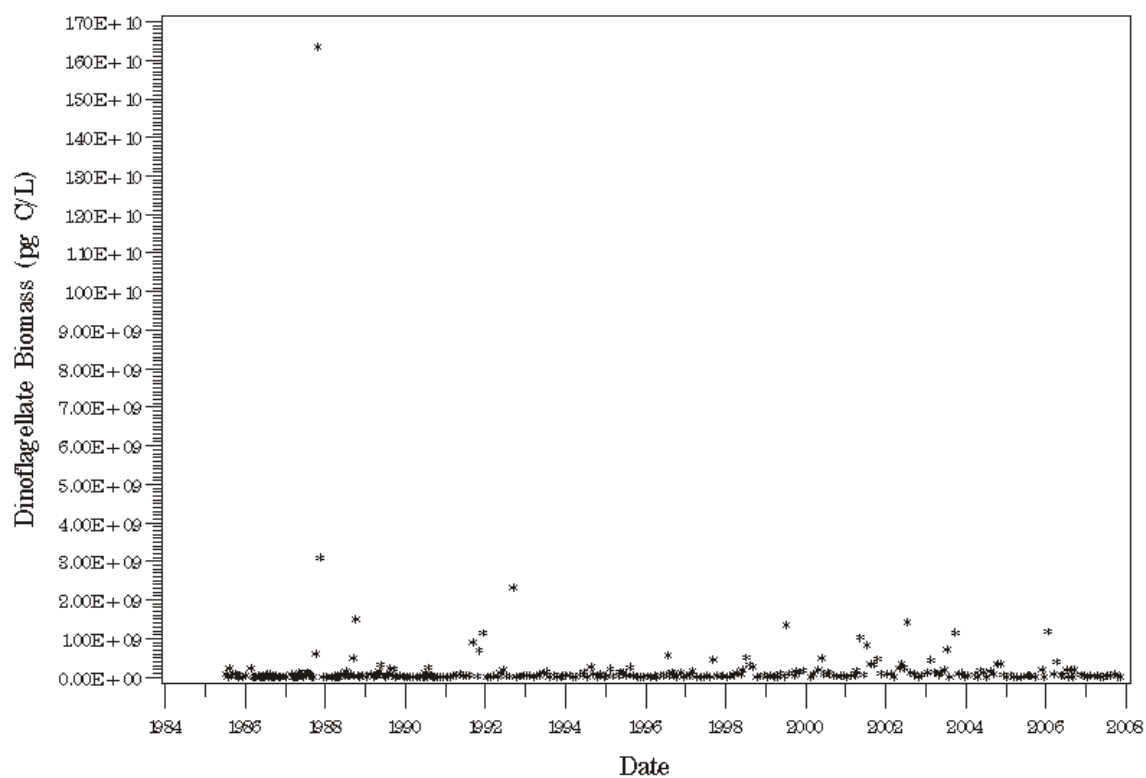


Figure F127. Plot of above pycnocline dinoflagellate biomass against time at station CB6.4 for the period of 1985 through 2007.

# AP — CB6.4

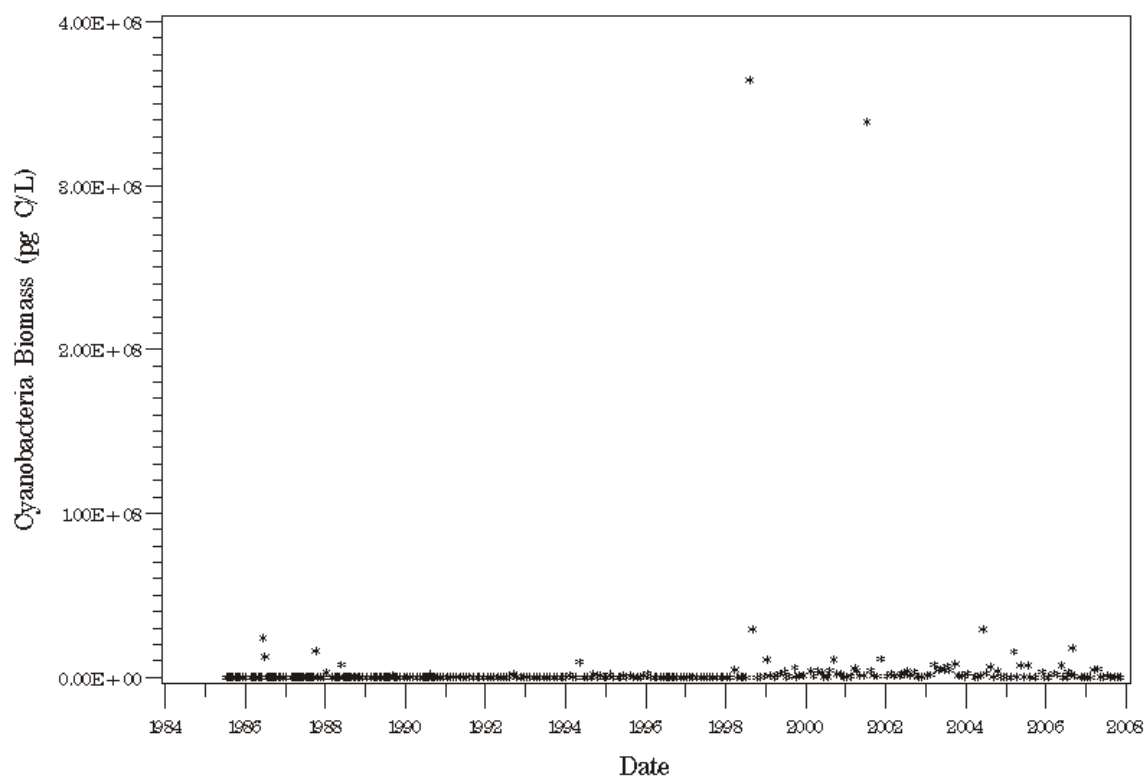


Figure F128. Plot of above pycnocline cyanobacteria biomass against time at station CB6.4 for the period of 1985 through 2007.

# AP — CB6.4

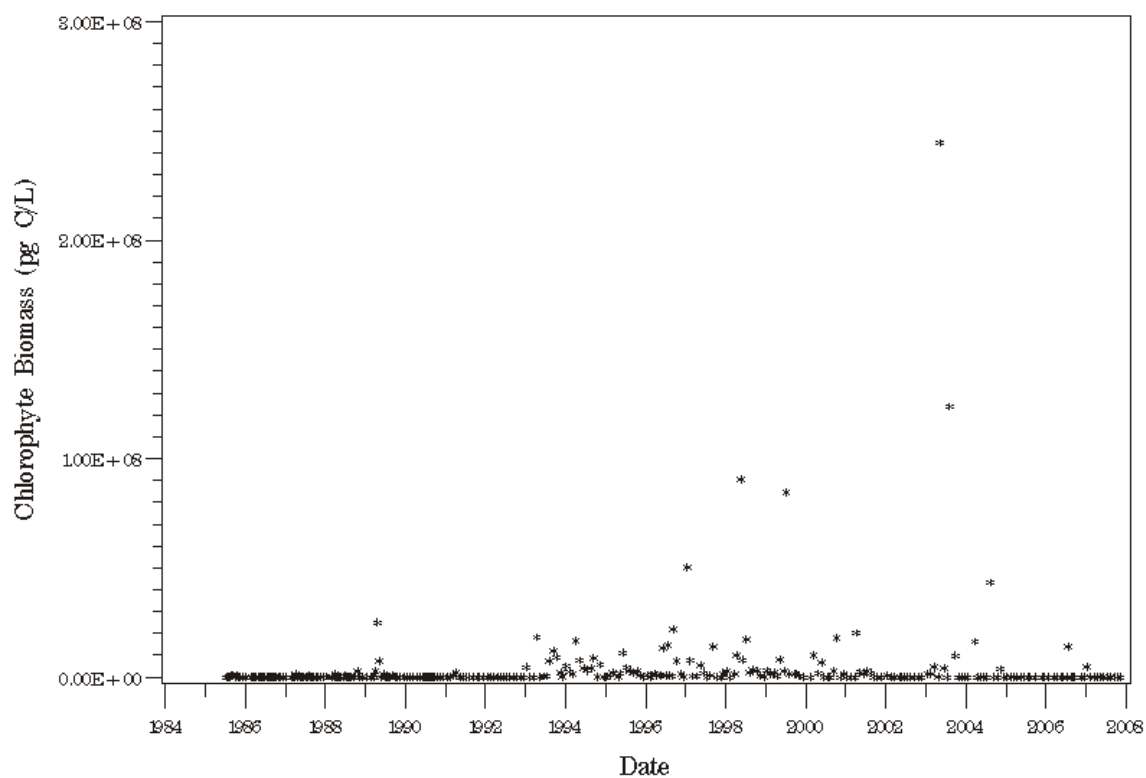


Figure F129. Plot of above pycnocline chlorophyte biomass against time at station CB6.4 for the period of 1985 through 2007.

# AP — CB6.4

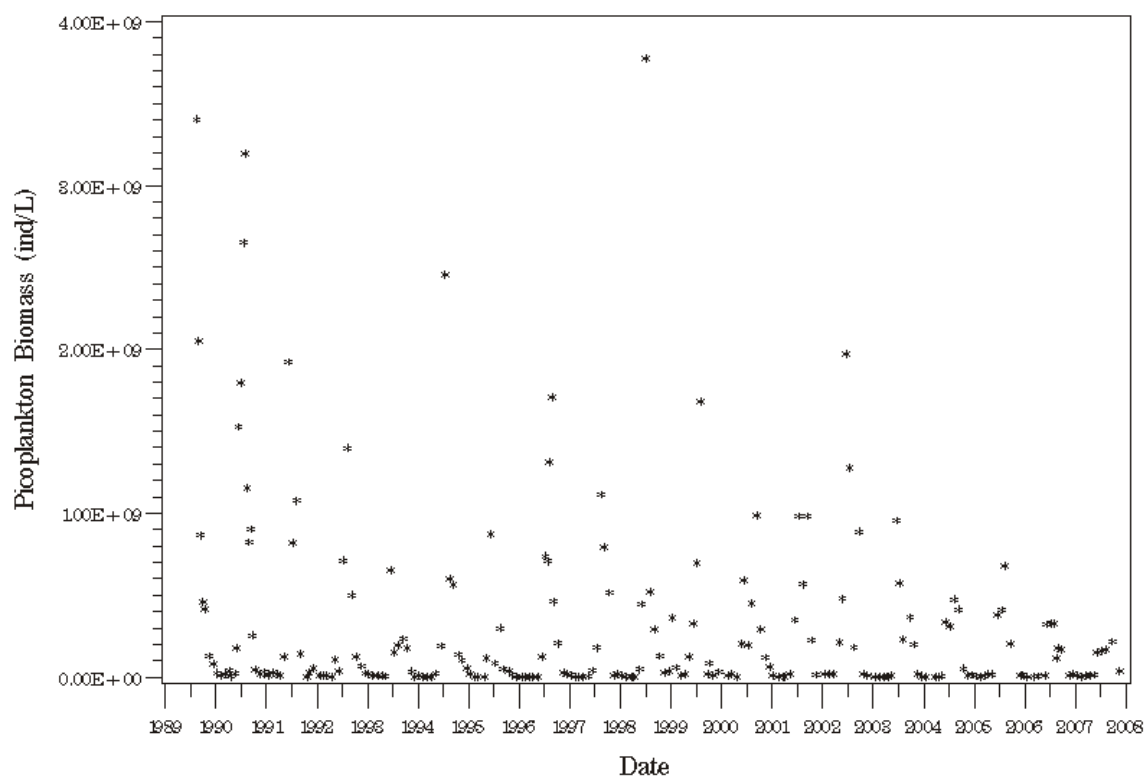


Figure F130. Plot of above pycnocline picoplankton biomass against time at station CB6.4 for the period of 1985 through 2007.

## AP — CB6.4

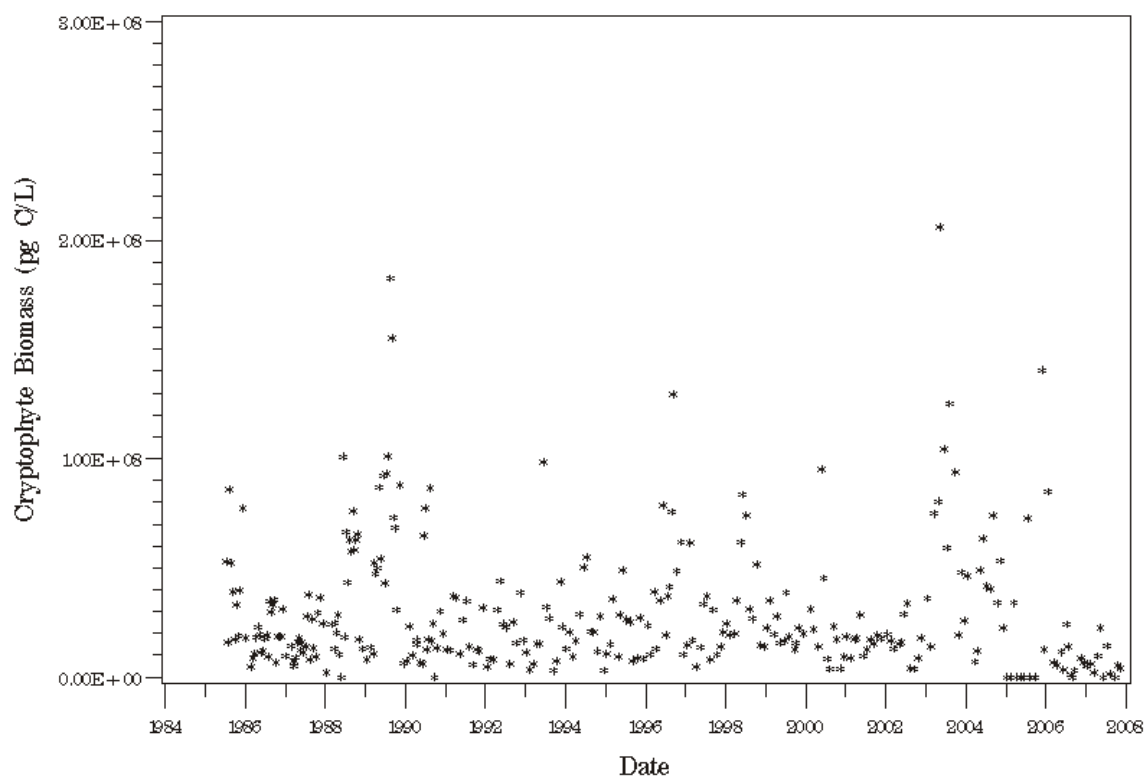


Figure F131. Plot of above pycnocline cryptophyte biomass at station CB6.4 for the period of 1985 through 2007.

## AP — CB6.4

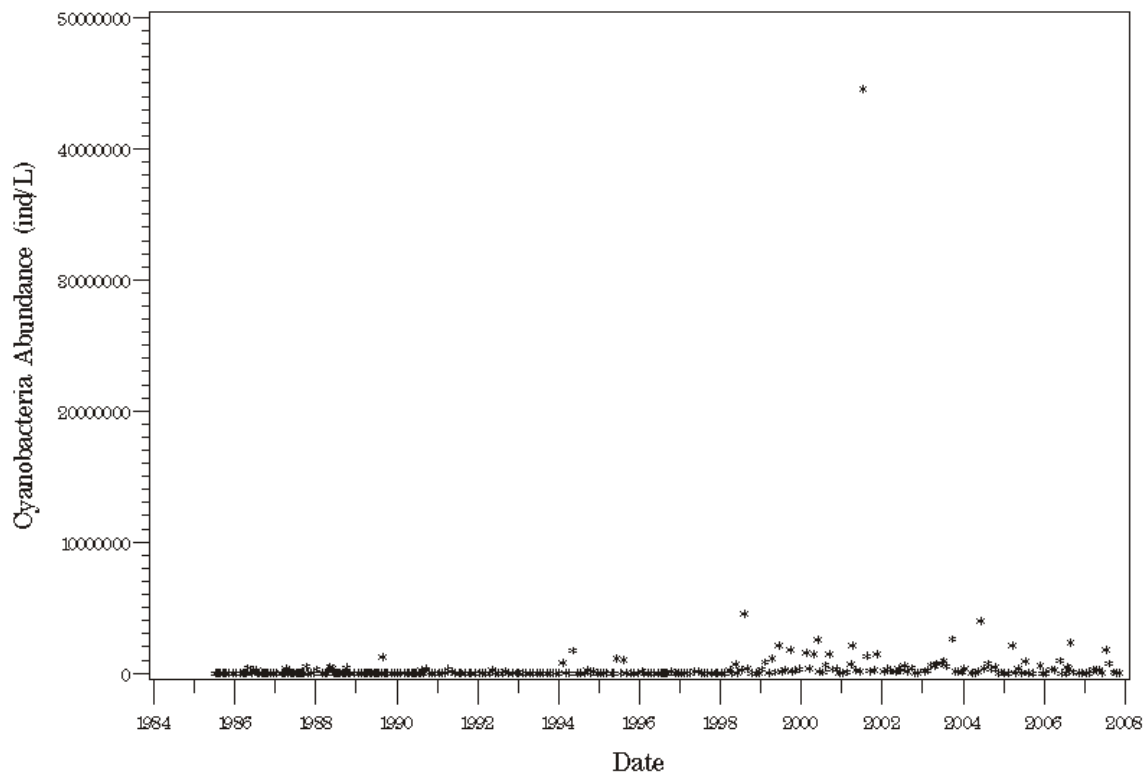


Figure F132. Plot of above pycnocline cyanophyte abundance at station CB6.4 for the period of 1985 through 2007.

## AP – CB7.3E

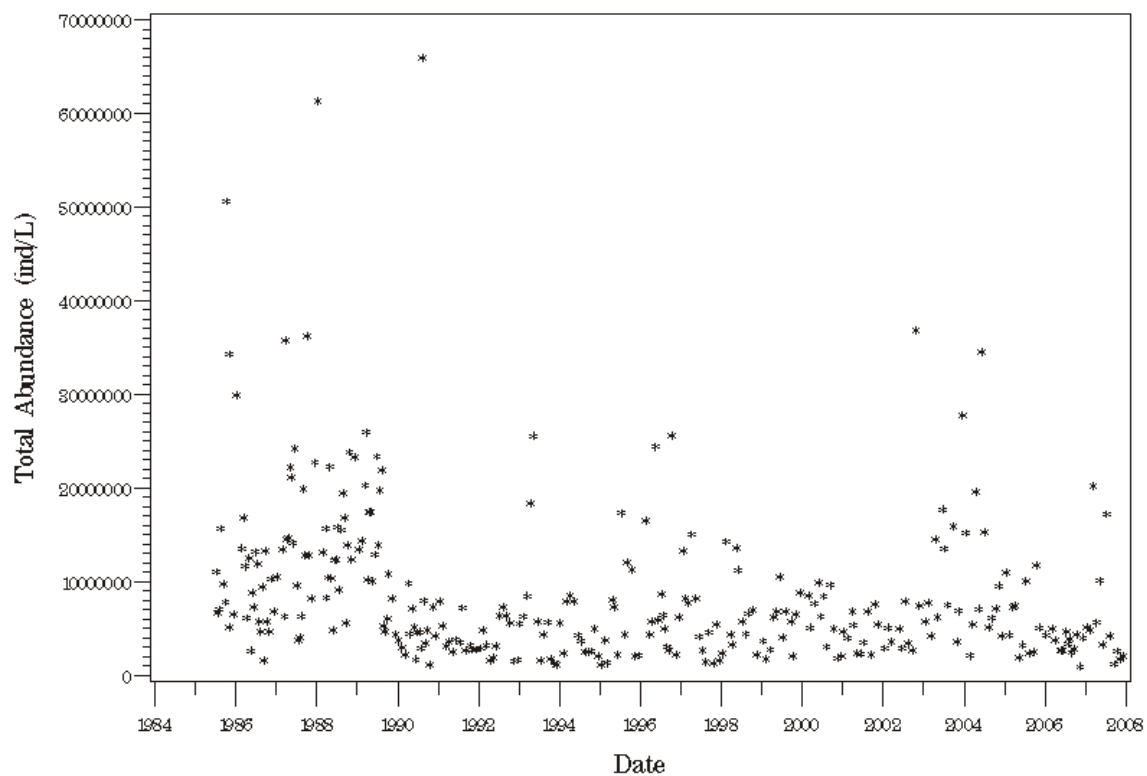


Figure F133. Plot of above pycnocline total phytoplankton abundance against time at station CB7.3E for the period of 1985 through 2007.

## AP – CB7.3E

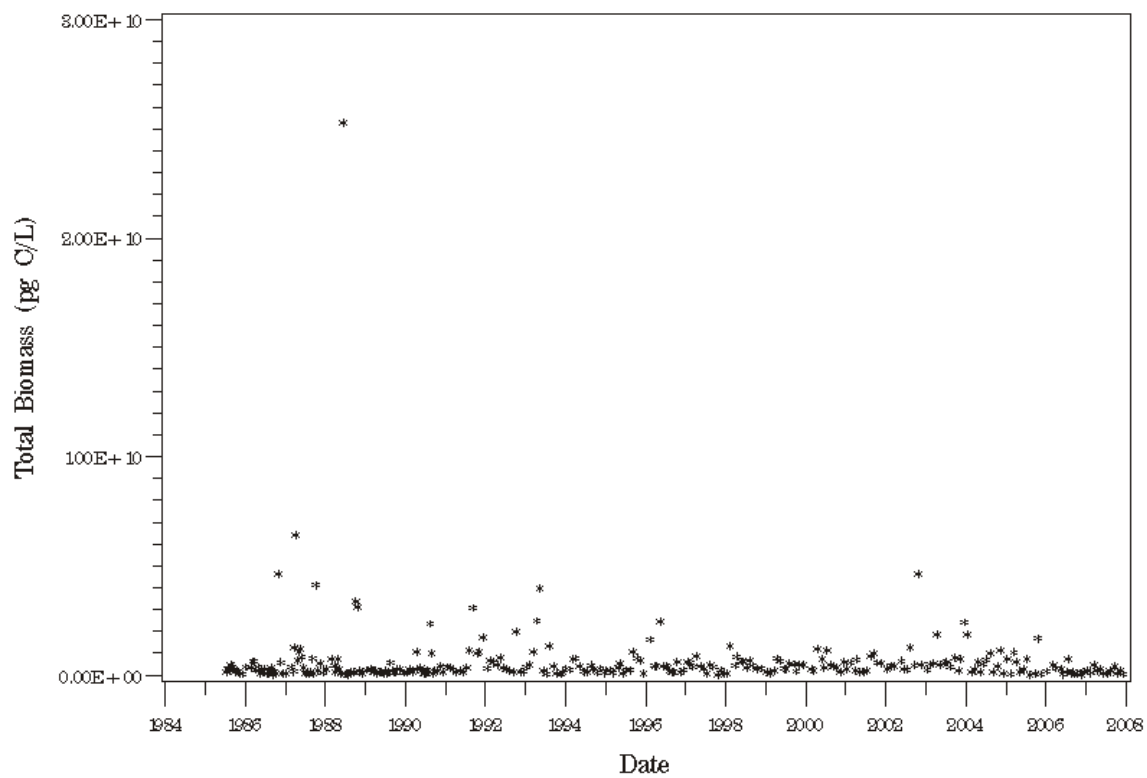


Figure F134. Plot of above pycnocline total phytoplankton biomass against time at station CB7.3E for the period of 1985 through 2007.



## AP – CB7.3E

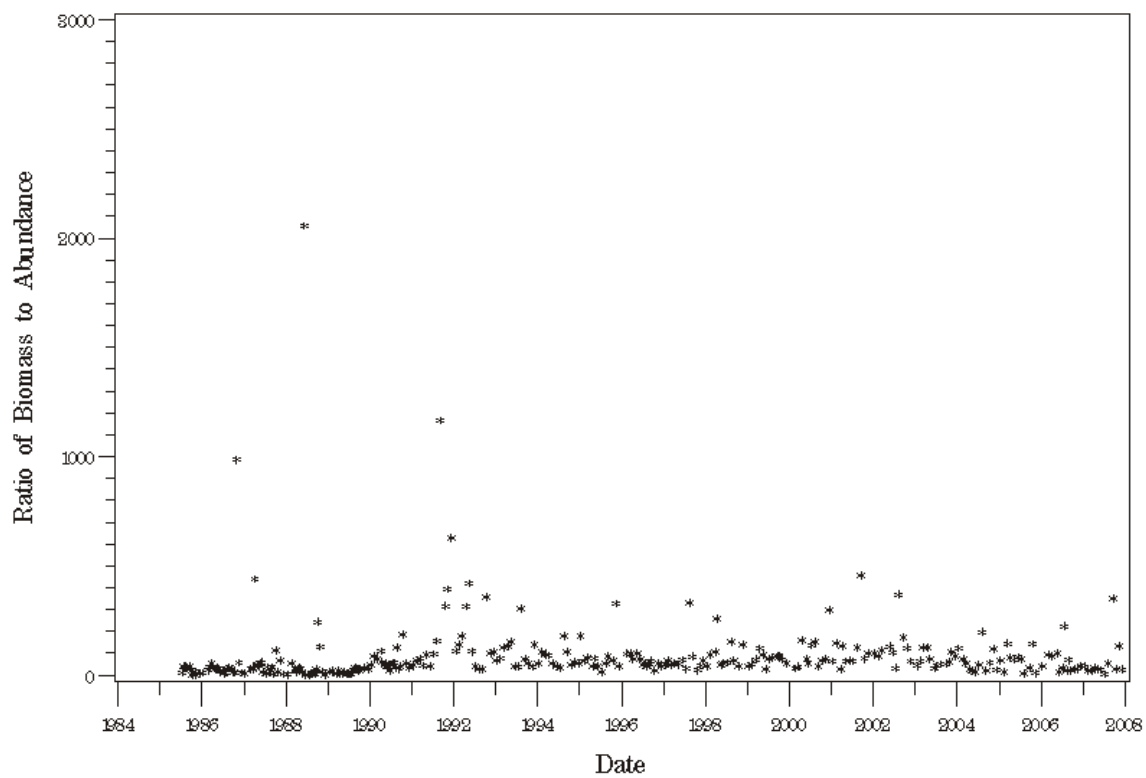


Figure F135. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station CB7.3E for the period of 1985 through 2007.

# AP — CB7.3E

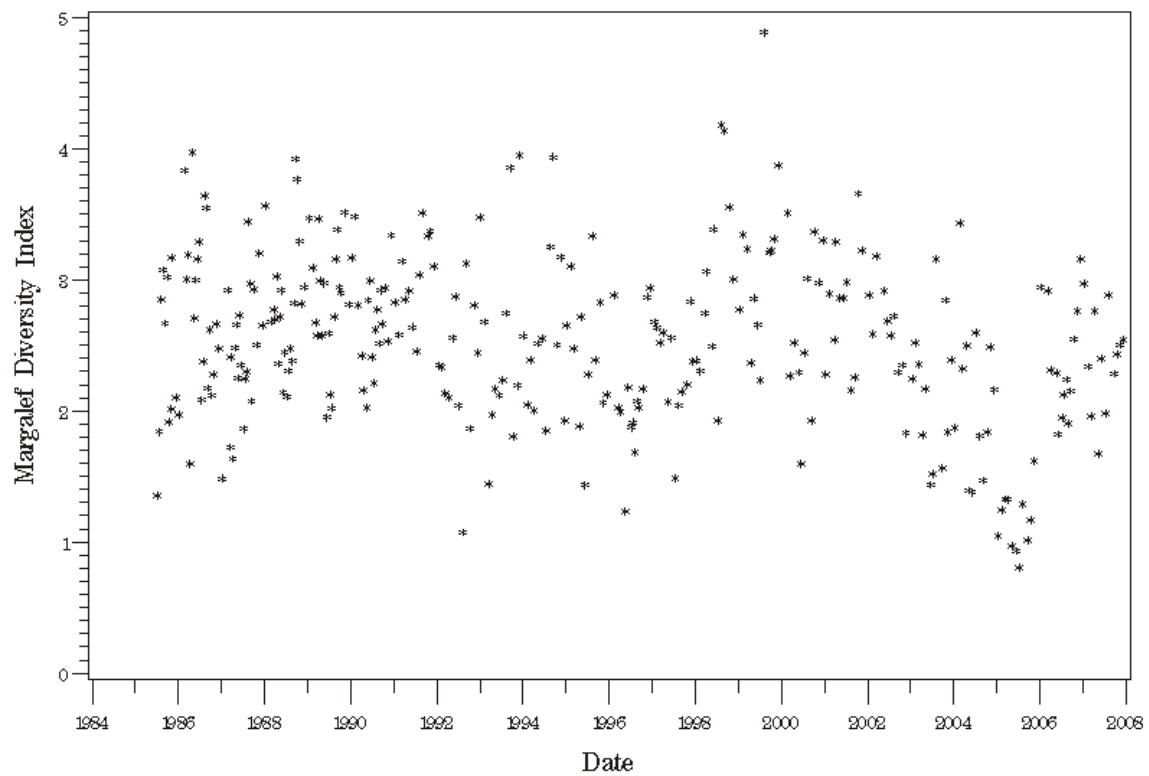


Figure F136. Plot of above pycnocline Margalef diversity index against time at station CB7.3E for the period of 1985 through 2007.

# AP — CB7.3E

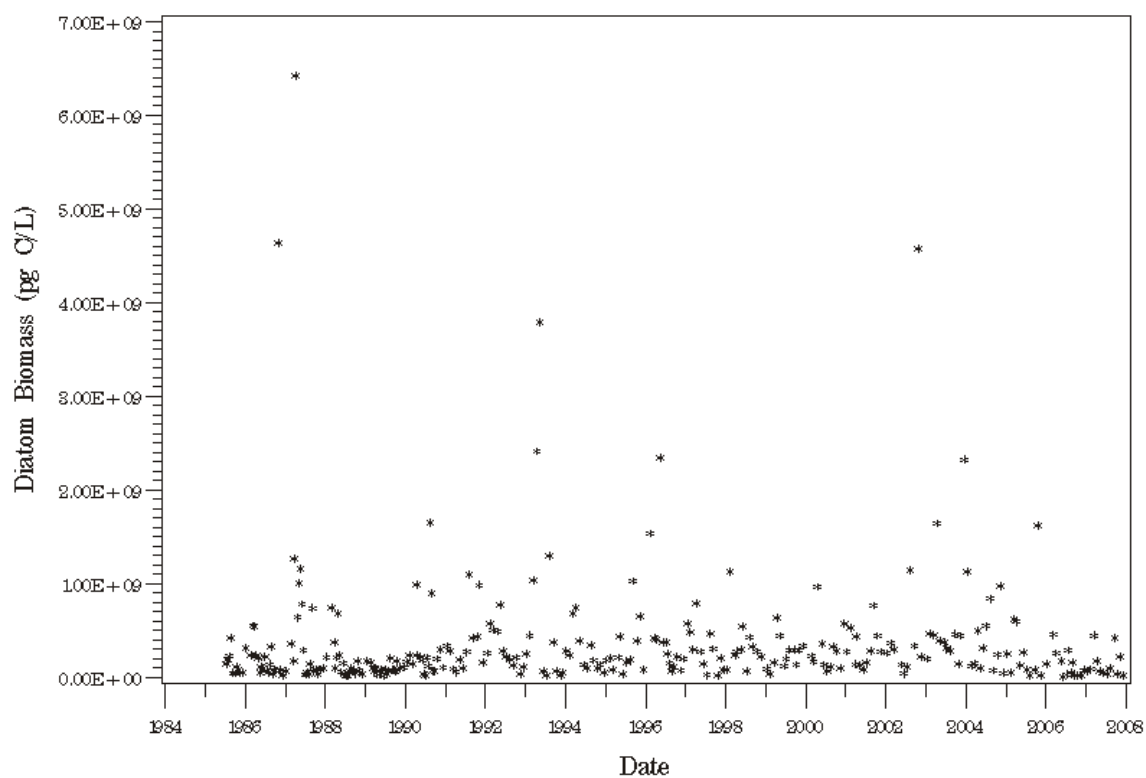


Figure F137. Plot of above pycnocline diatom biomass against time at station CB7.3E for the period of 1985 through 2007.

# AP — CB7.3E

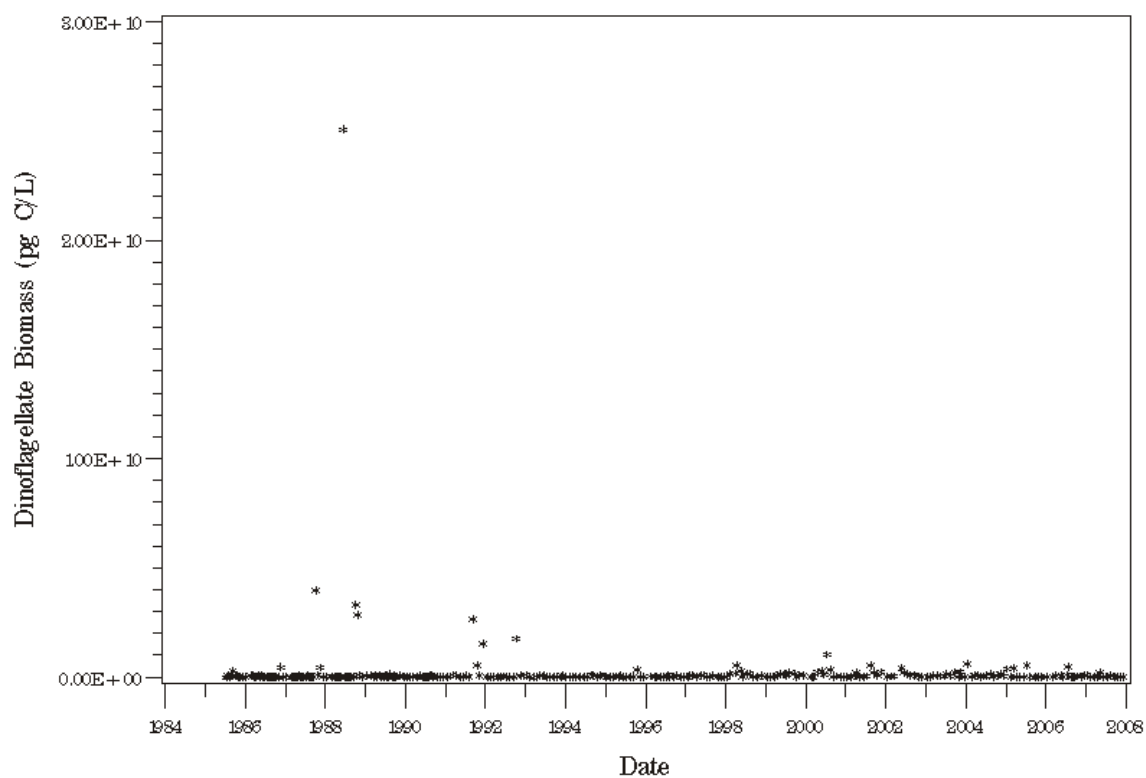


Figure F138. Plot of above pycnocline dinoflagellate biomass against time at station CB7.3E for the period of 1985 through 2007.

## AP — CB7.3E

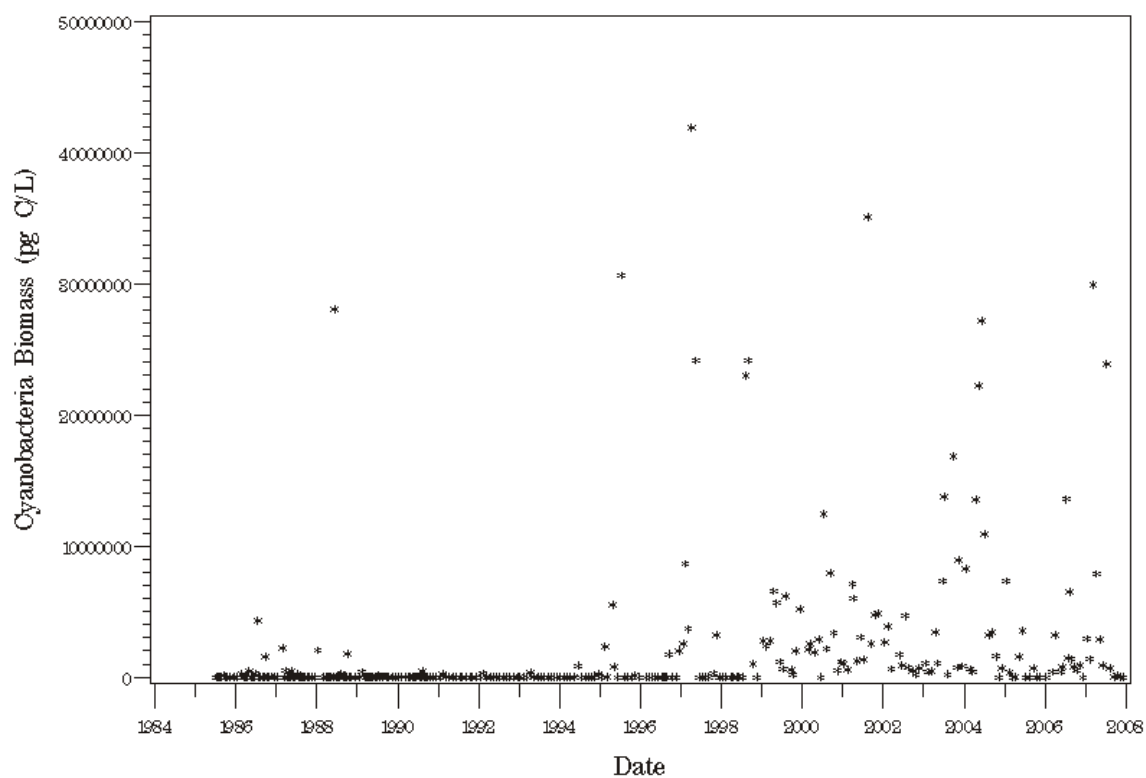


Figure F139. Plot of above pycnocline cyanobacteria biomass against time at station CB7.3E for the period of 1985 through 2007.

# AP — CB7.3E

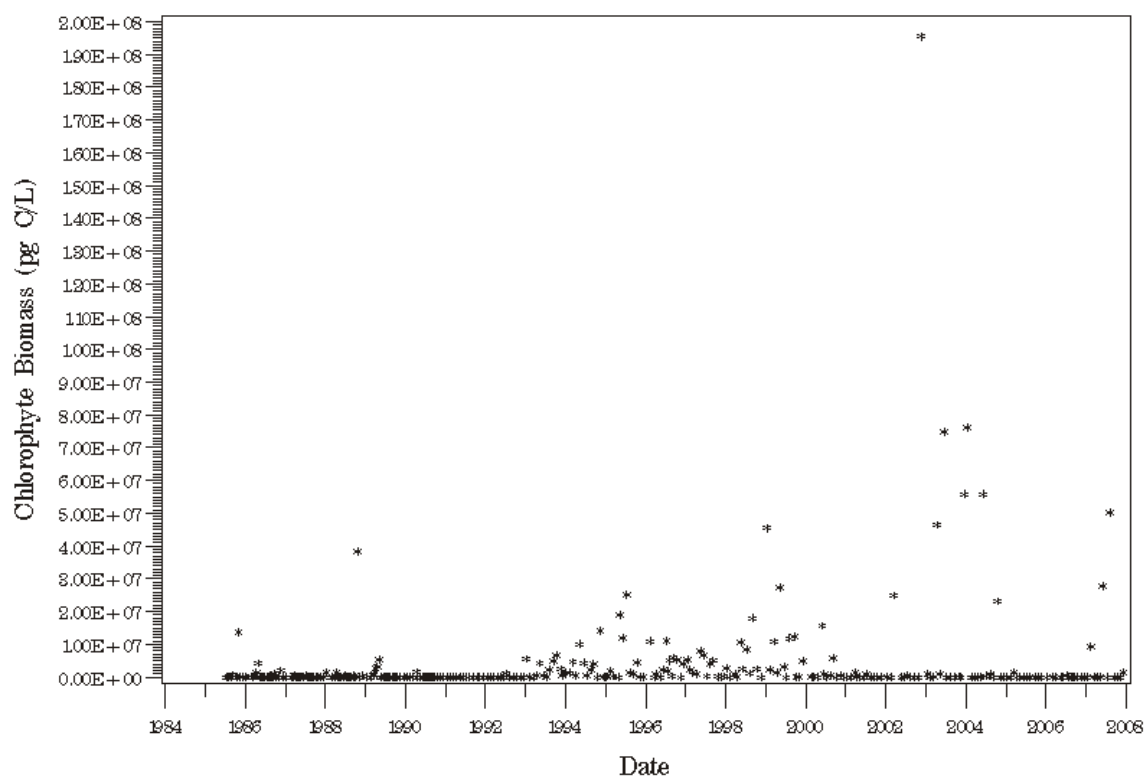


Figure F140. Plot of above pycnocline chlorophyte biomass against time at station CB7.3E for the period of 1985 through 2007.

# AP — CB7.3E

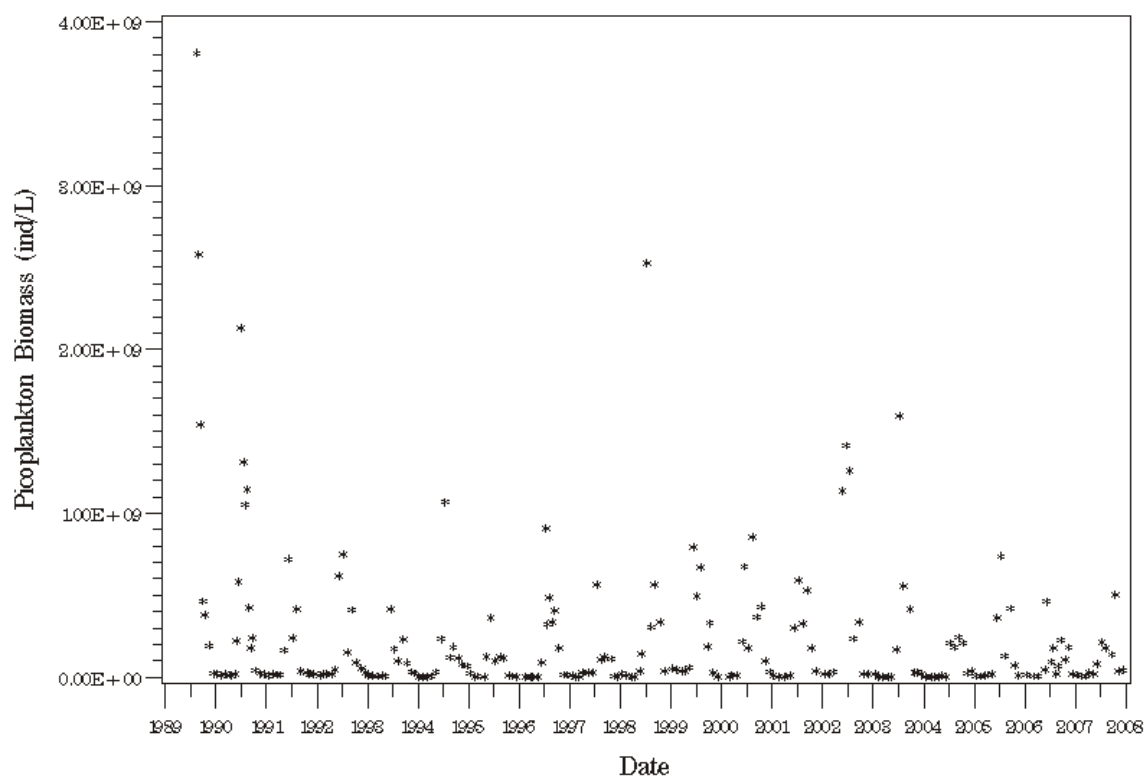


Figure F141. Plot of above pycnocline picoplankton biomass against time at station CB7.3E for the period of 1985 through 2007.

## AP — CB7.3E

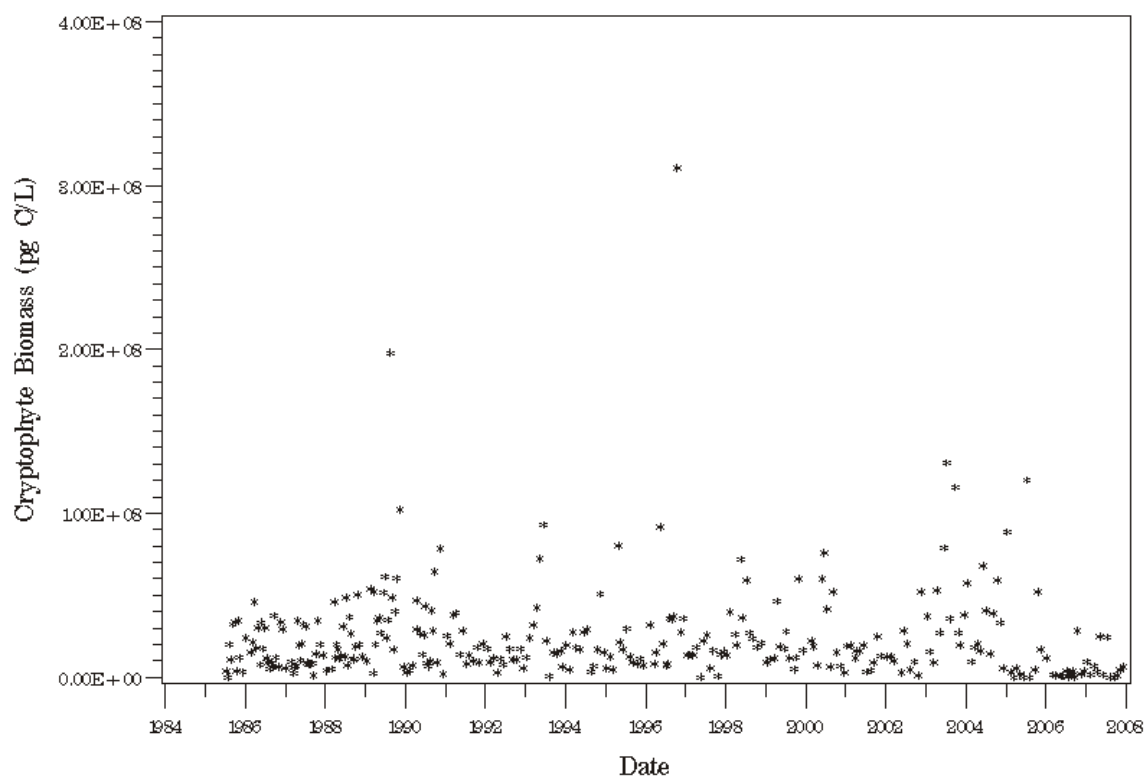


Figure F142. Plot of above pycnocline cryptophyte biomass at station CB7.3E for the period of 1985 through 2007.



## AP – CB7.3E

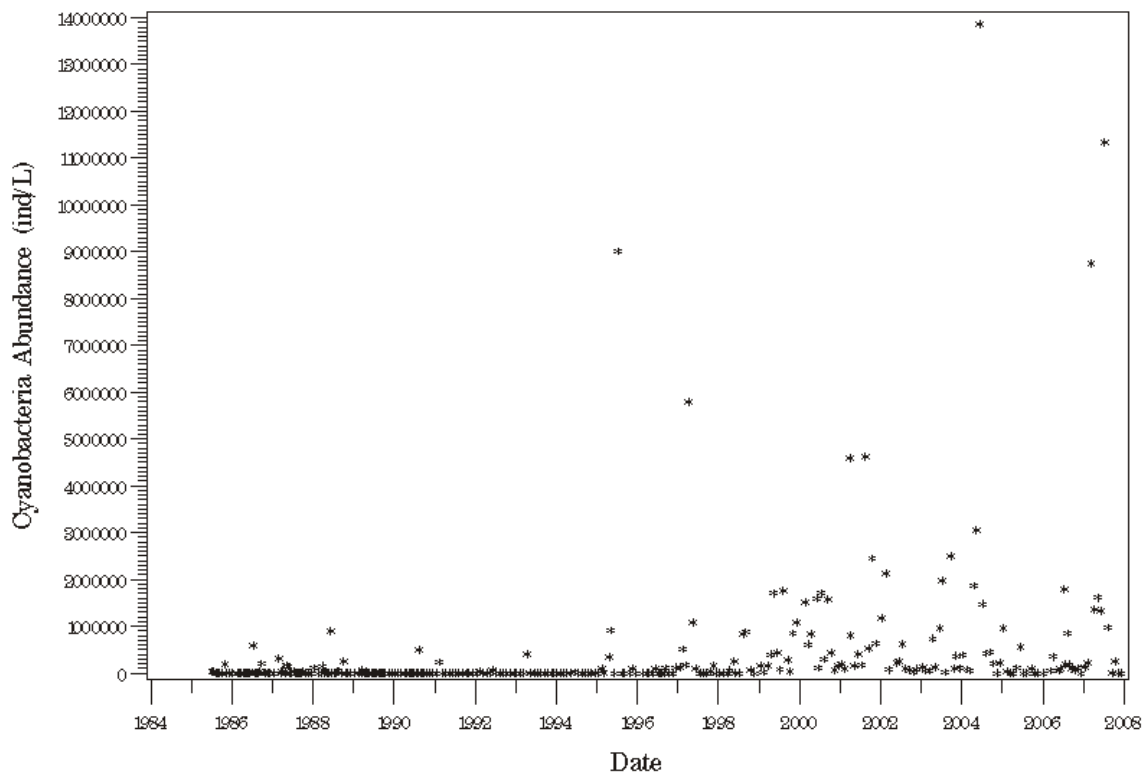


Figure F143. Plot of above pycnocline cyanophyte abundance at station CB7.3E for the period of 1985 through 2007.

## AP – CB7.4

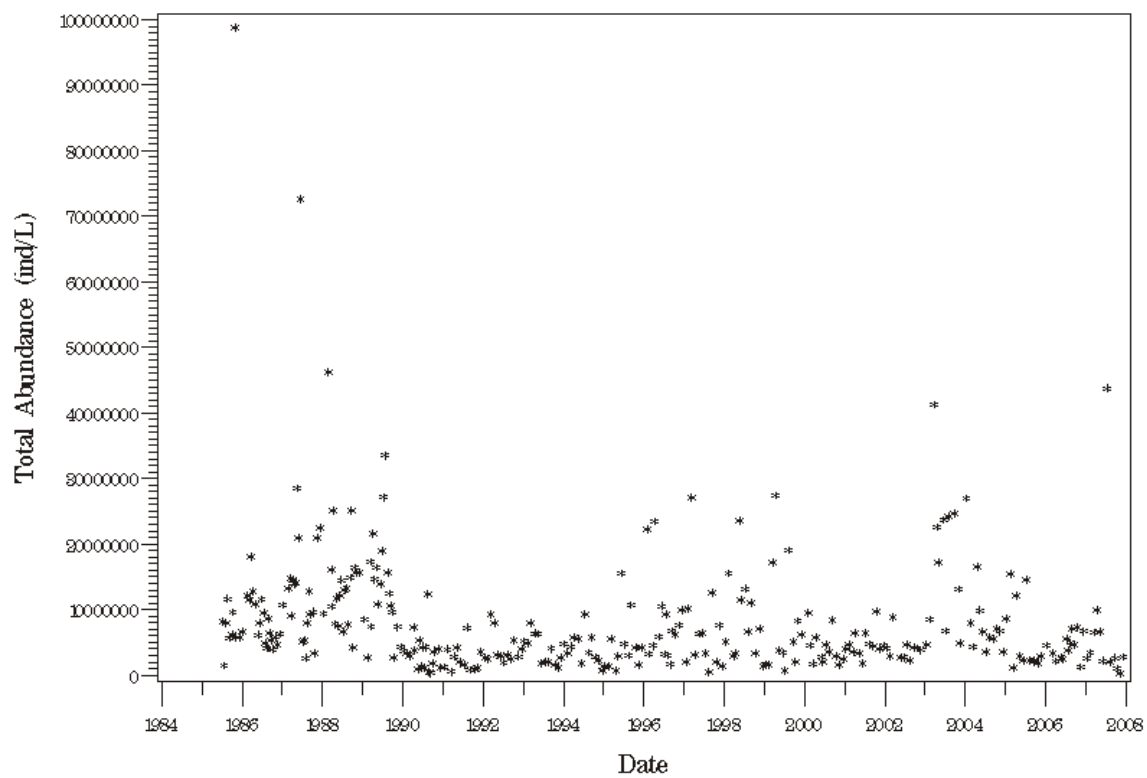


Figure F144. Plot of above pycnocline total phytoplankton abundance against time at station CB7.4 for the period of 1985 through 2007.

## AP – CB7.4

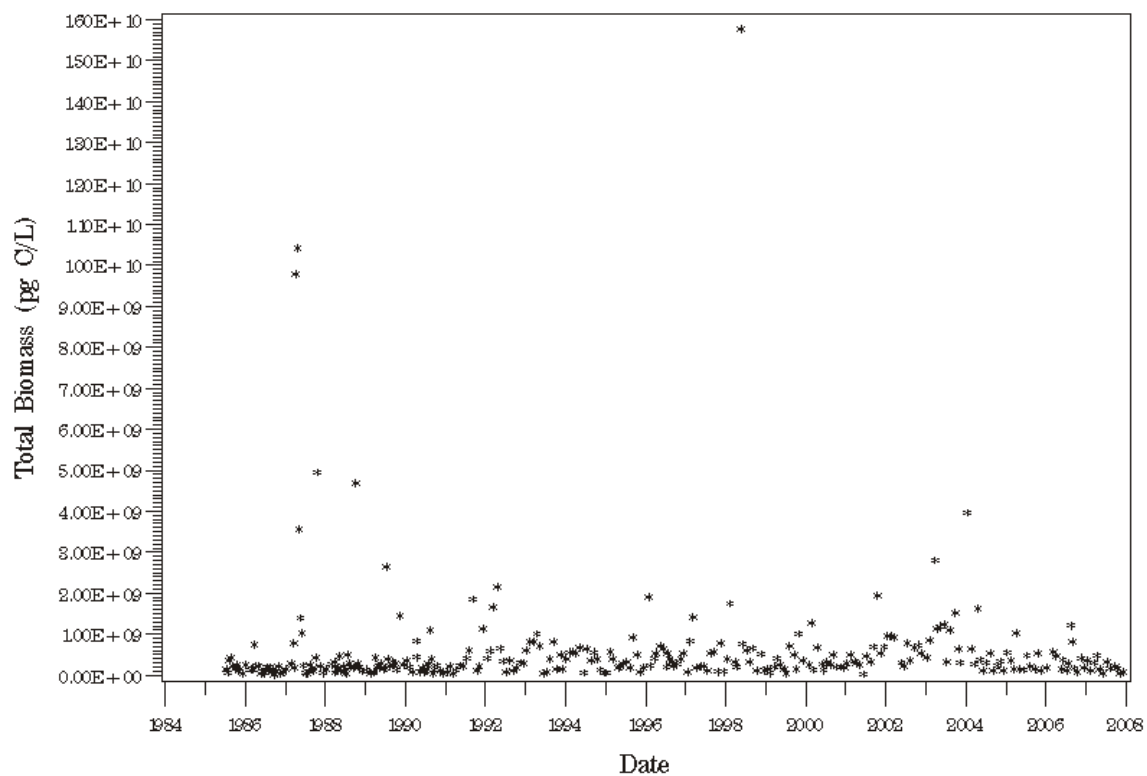


Figure F145. Plot of above pycnocline total phytoplankton biomass against time at station CB7.4 for the period of 1985 through 2007.

# AP – CB7.4

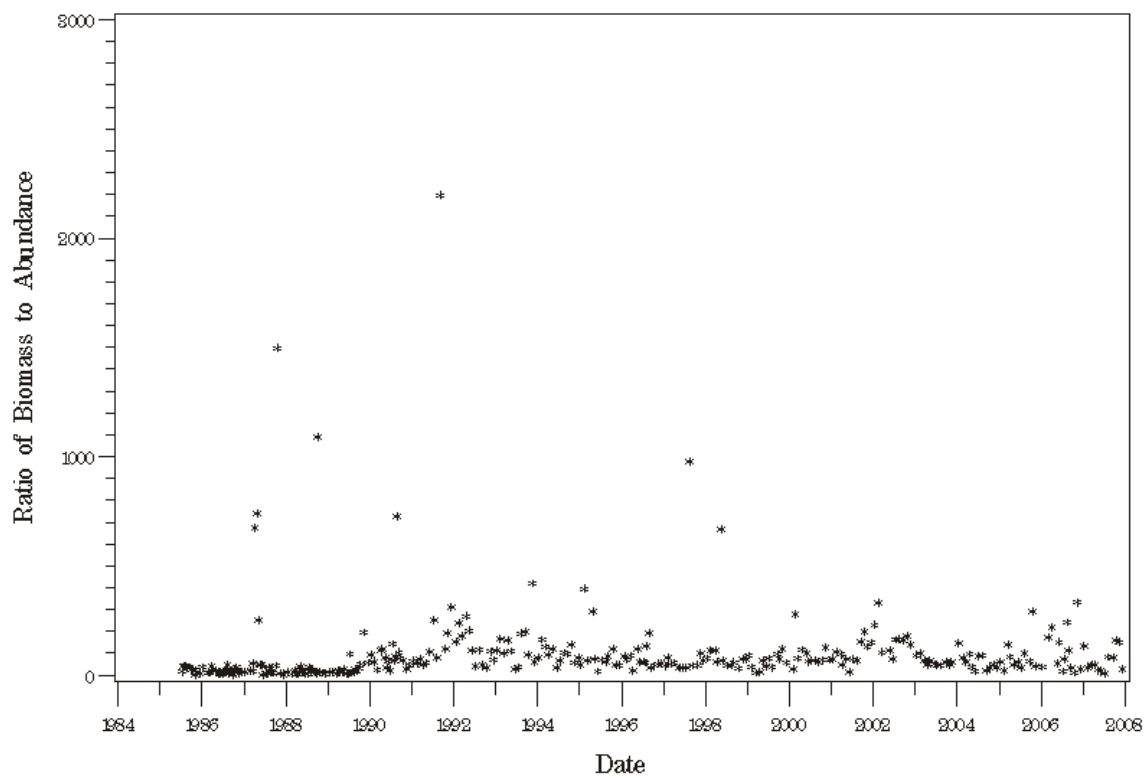


Figure F146. Plot of above pycnocline ratio of total phytoplankton biomass to total phytoplankton abundance against time at station CB7.4 for the period of 1985 through 2007.

## AP — CB7.4

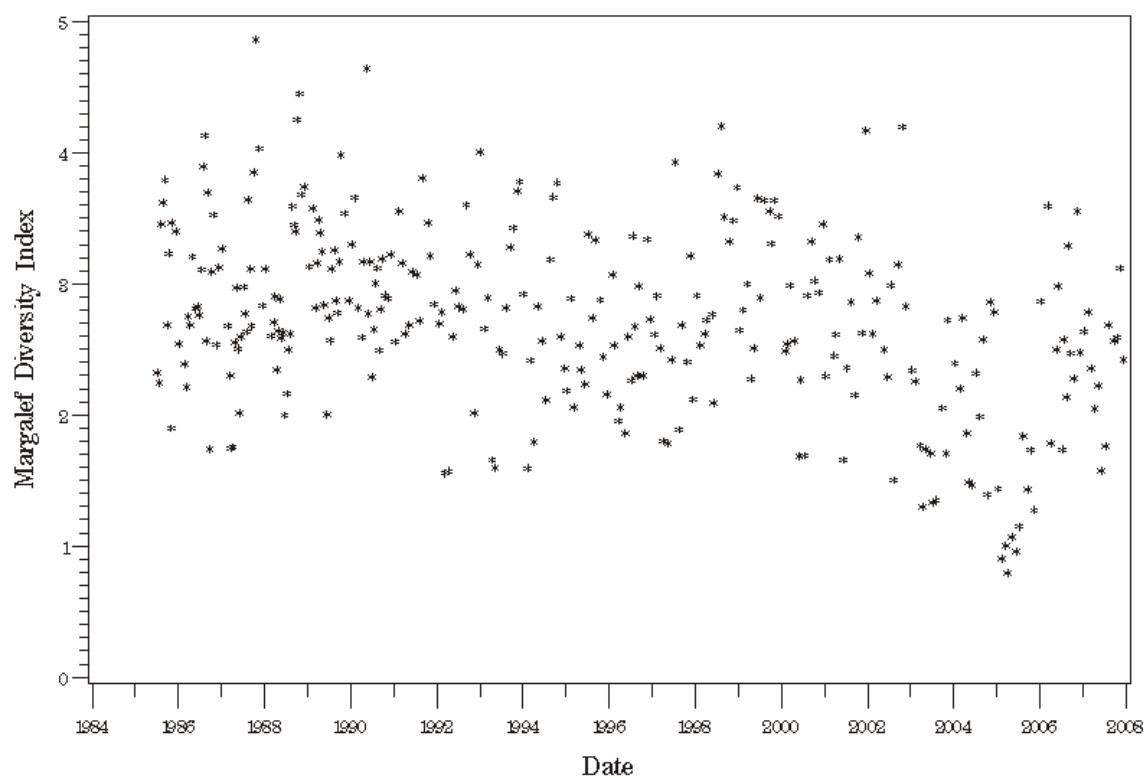


Figure F147. Plot of above pycnocline Margalef diversity index against time at station CB7.4 for the period of 1985 through 2007.

# AP – CB7.4

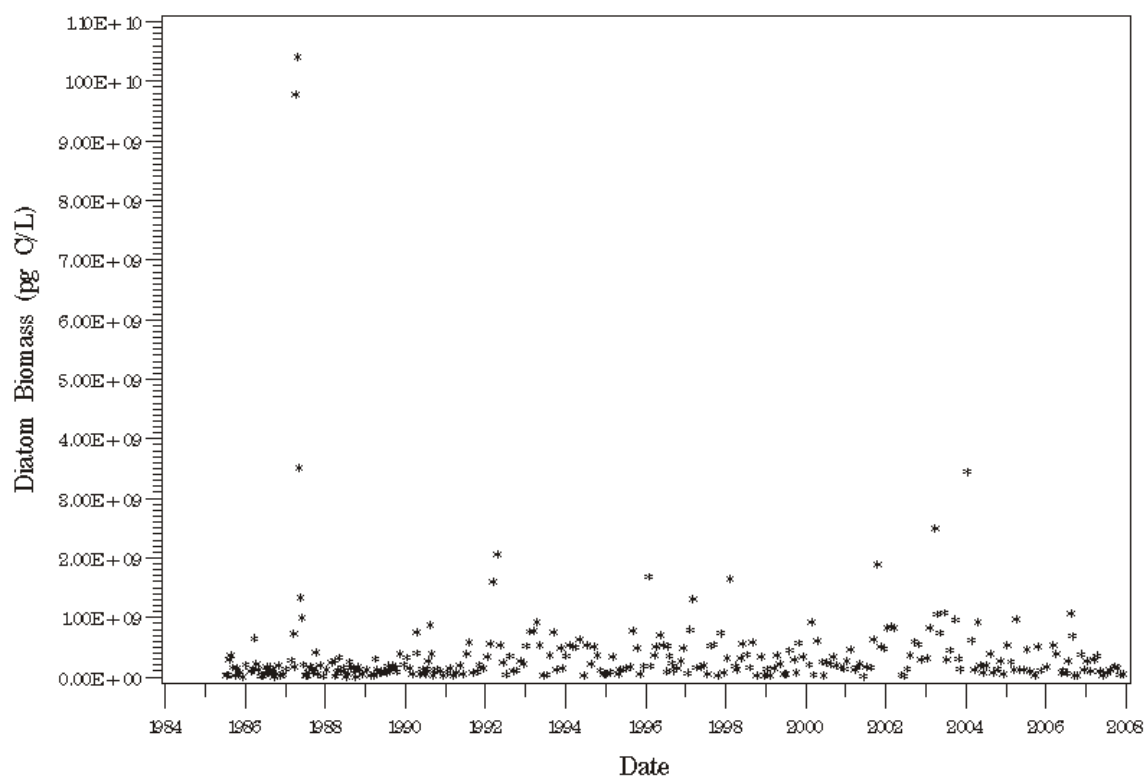


Figure F148. Plot of above pycnocline diatom biomass against time at station CB7.4 for the period of 1985 through 2007.

# AP – CB7.4

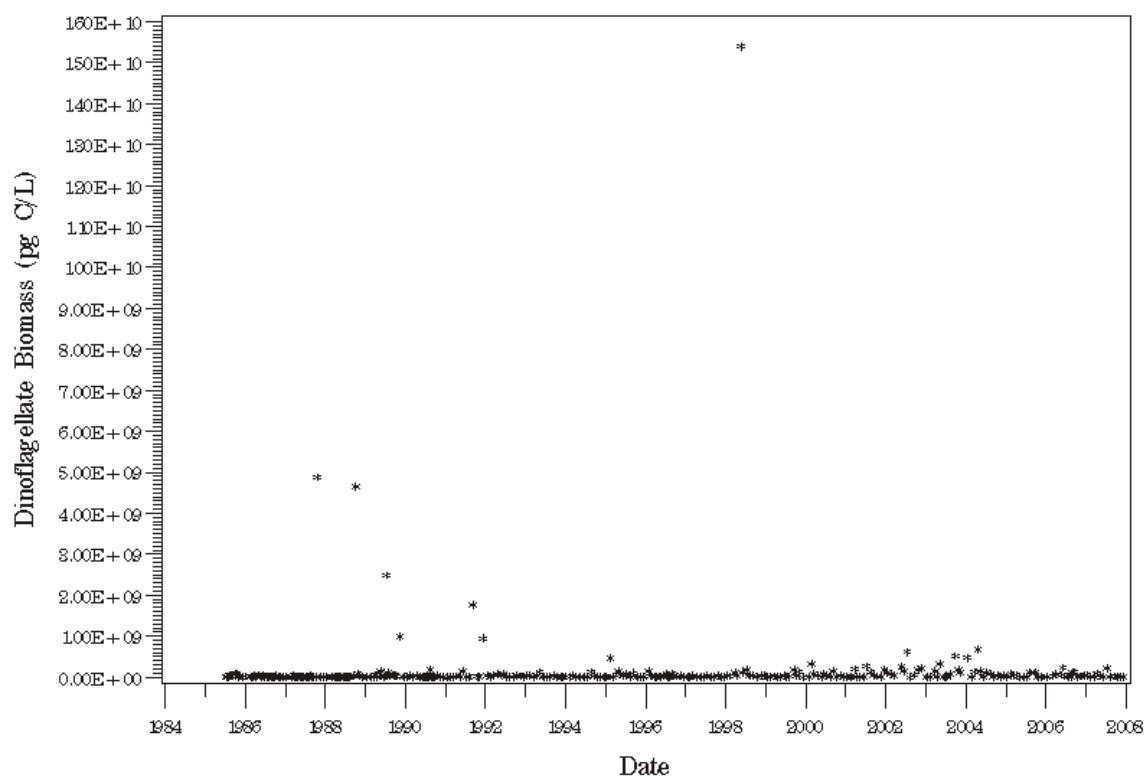


Figure F149. Plot of above pycnocline dinoflagellate biomass against time at station CB7.4 for the period of 1985 through 2007.

# AP – CB7.4

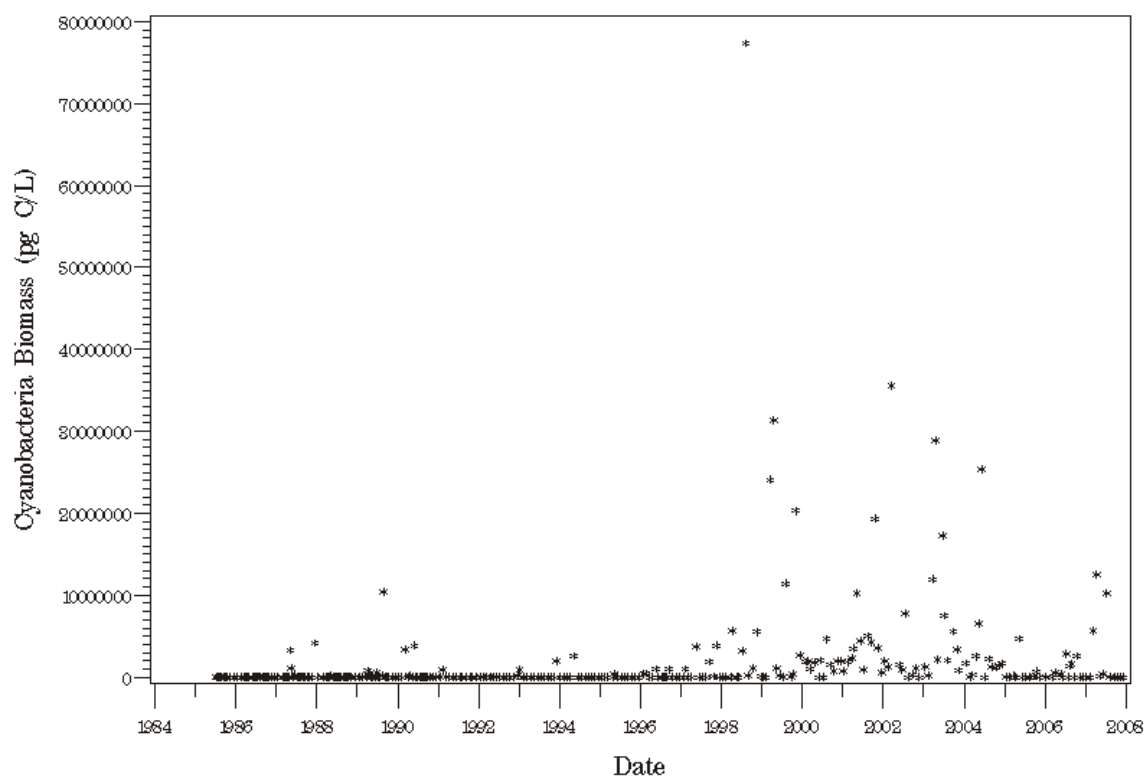


Figure F150. Plot of above pycnocline cyanobacteria biomass against time at station CB7.4 for the period of 1985 through 2007.



# AP — CB7.4

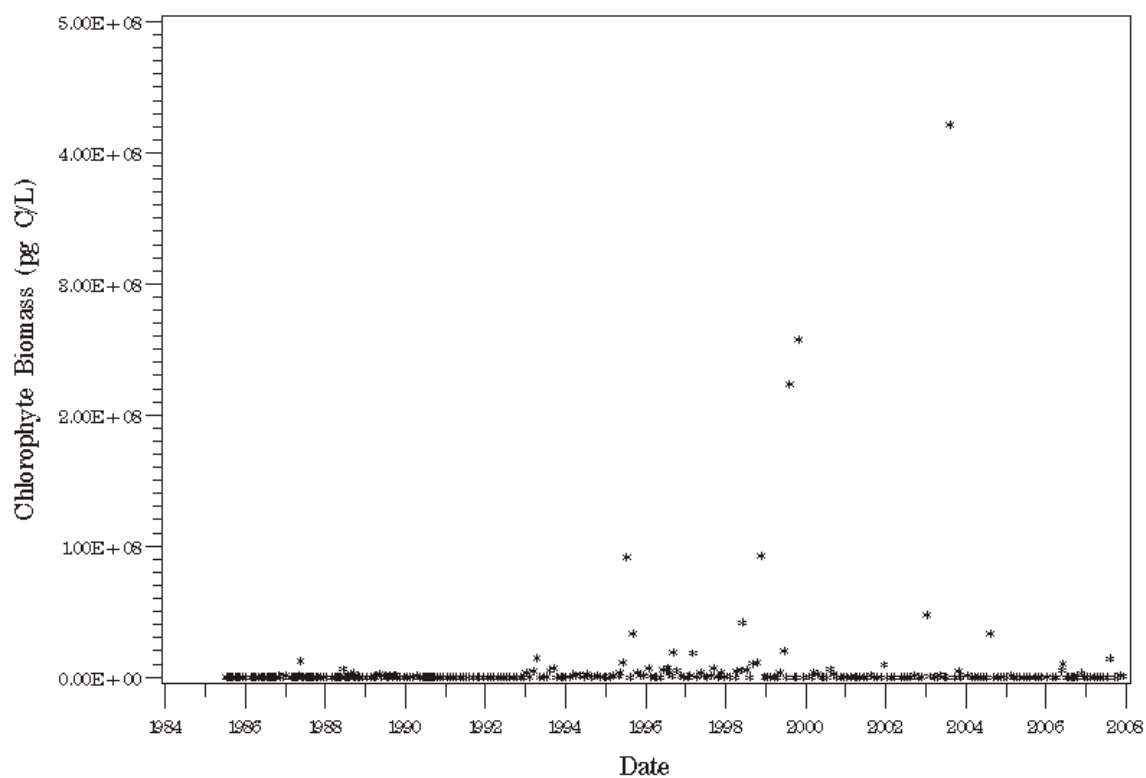


Figure F151. Plot of above pycnocline chlorophyte biomass against time at station CB7.4 for the period of 1985 through 2007.

# AP – CB7.4

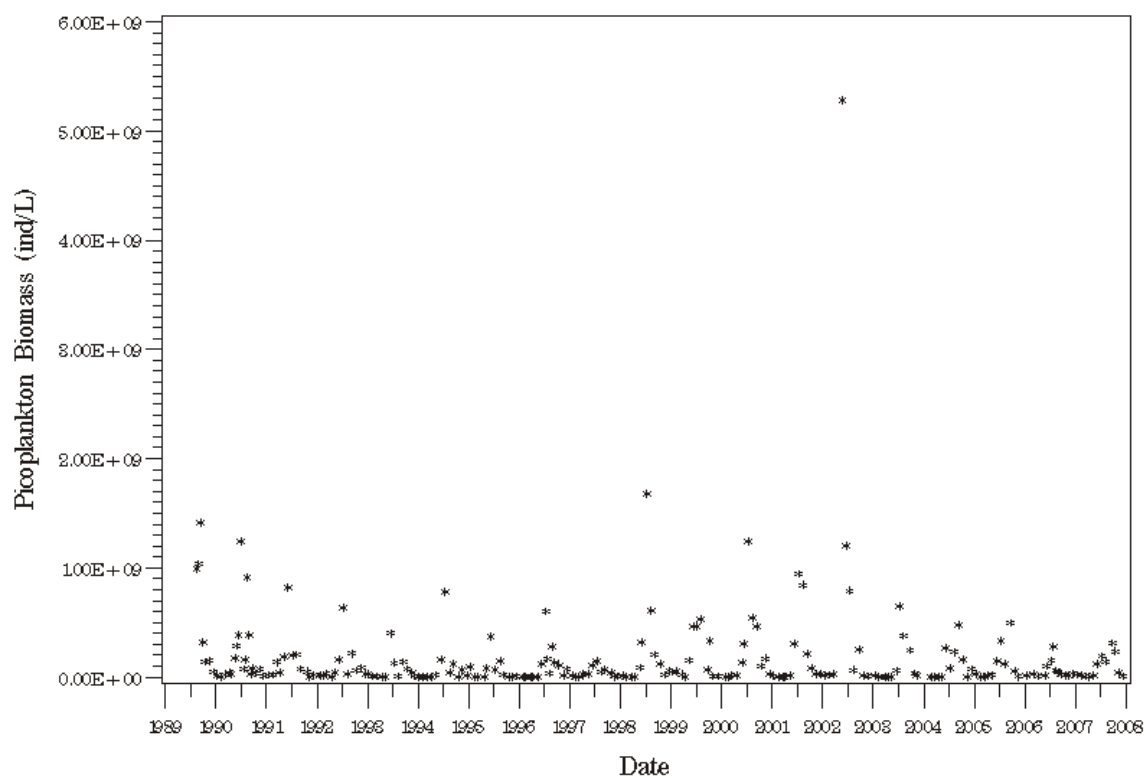


Figure F152. Plot of above pycnocline picoplankton biomass against time at station CB7.4 for the period of 1985 through 2007.

## AP — CB7.4

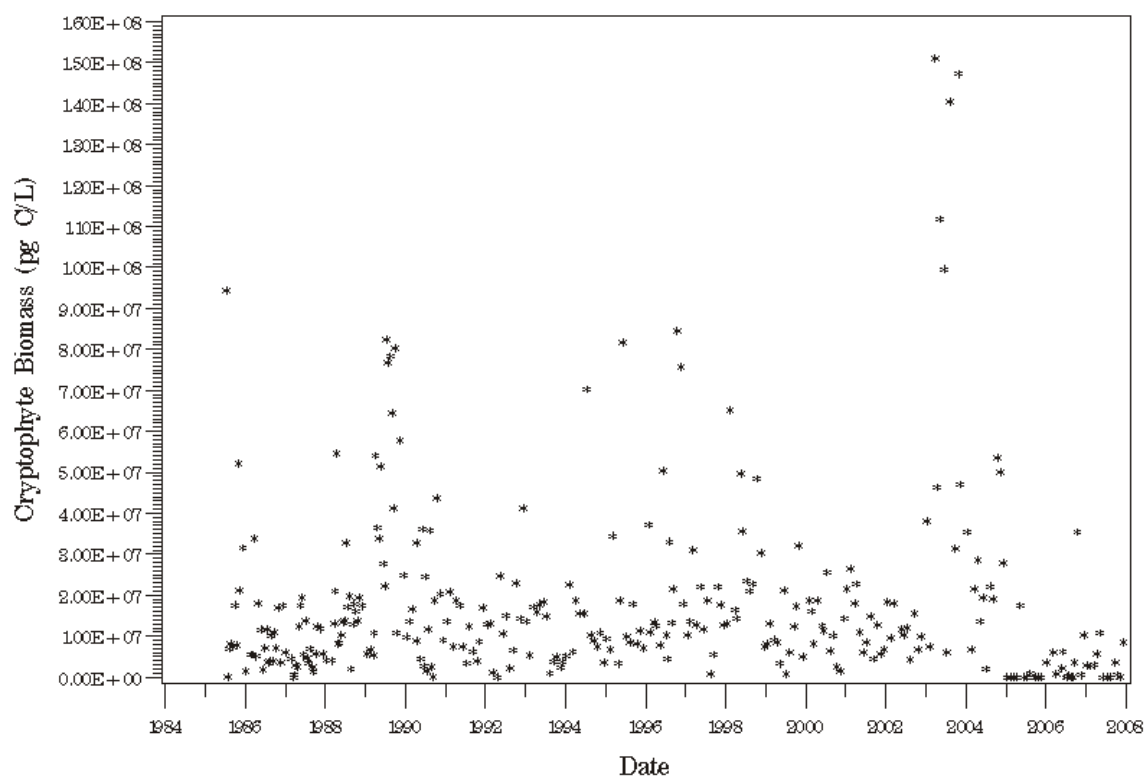


Figure F153. Plot of above pycnocline cryptophyte biomass at station CB7.4 for the period of 1985 through 2007.

# AP — CB7.4

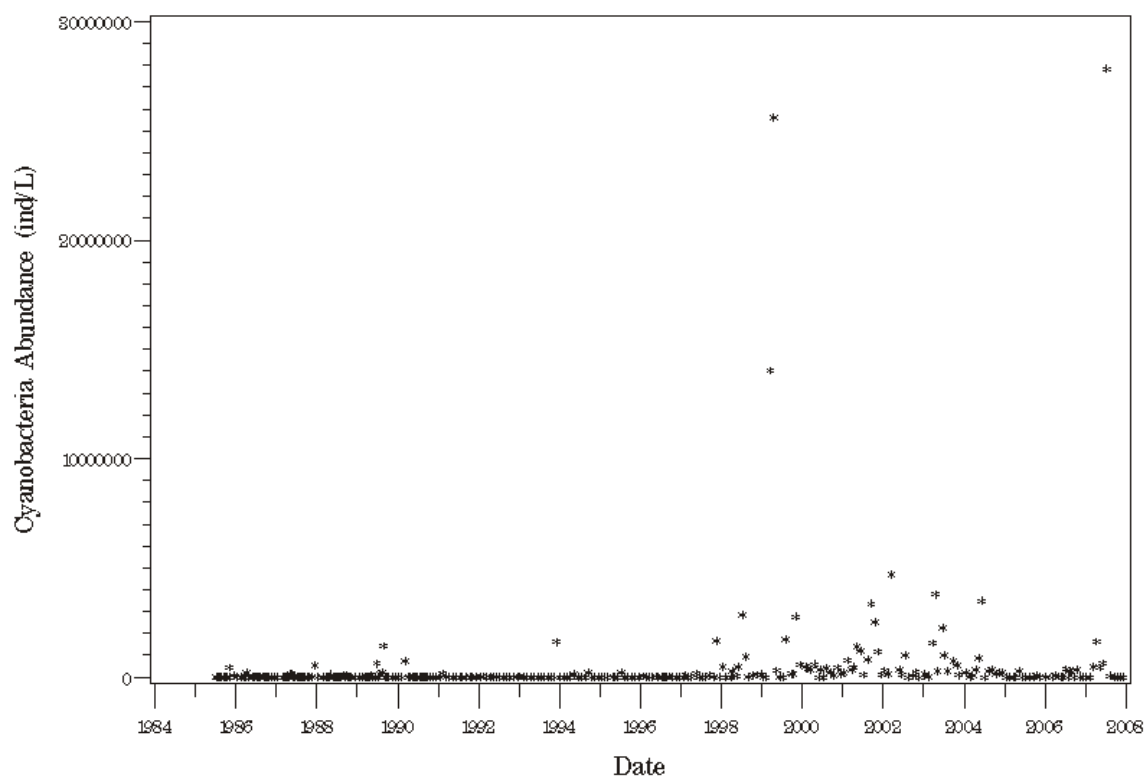


Figure F154. Plot of above pycnocline cyanophyte abundance at station CB7.4 for the period of 1985 through 2007.