Figure 1. Location of the Palo Alto sampling station in South San Francisco Bay.

Figure 2. Water column salinity at Palo Alto from 1994 through 2001.
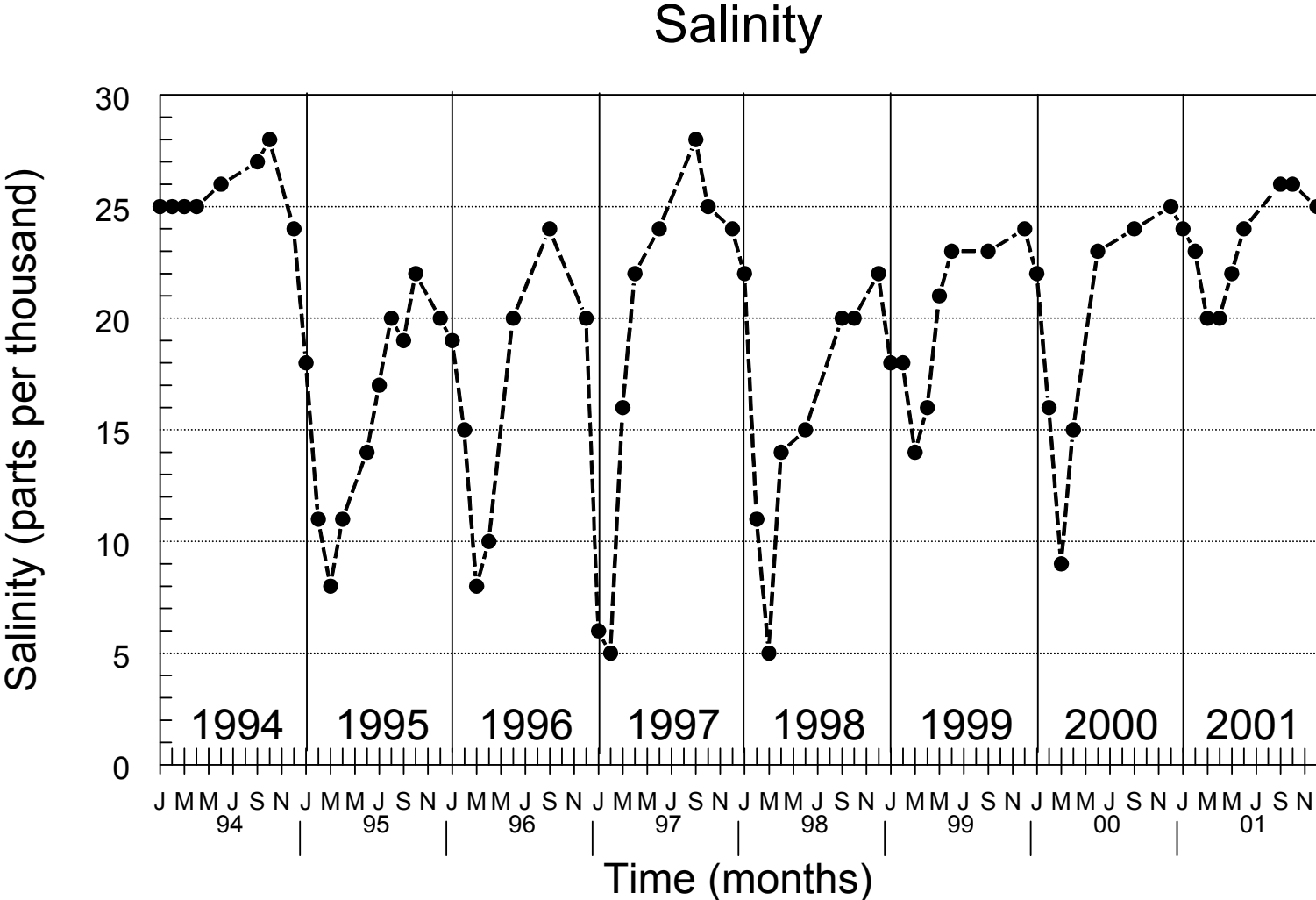
Figure 3. Percent silt/clay, iron and aluminum in sediments at Palo Alto from 1994 through 2001.
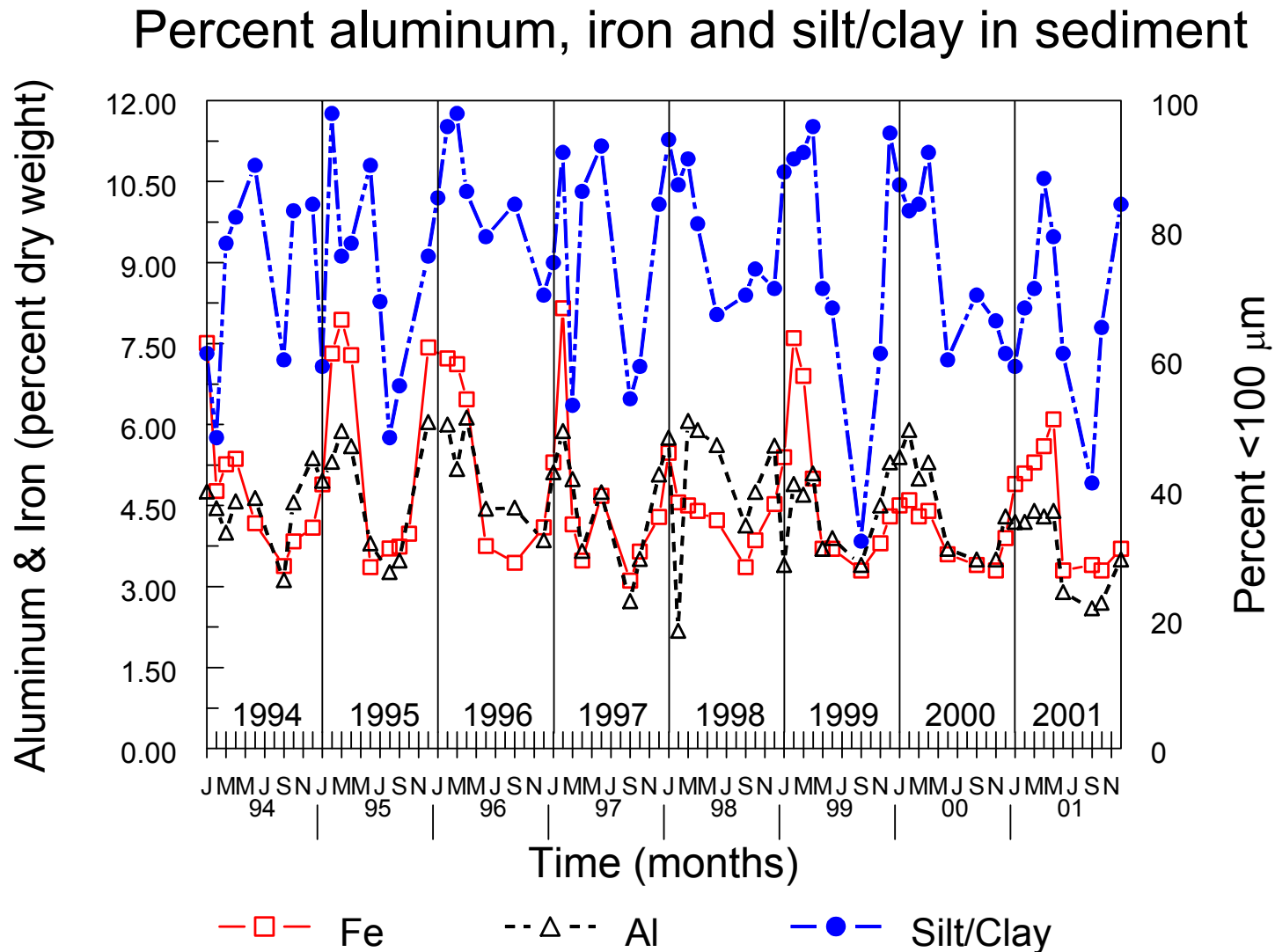
Figure 4. Near-total extraction concentrations of chromium, vanadium, and nickel in sediments at Palo Alto from 1994 through 2001.
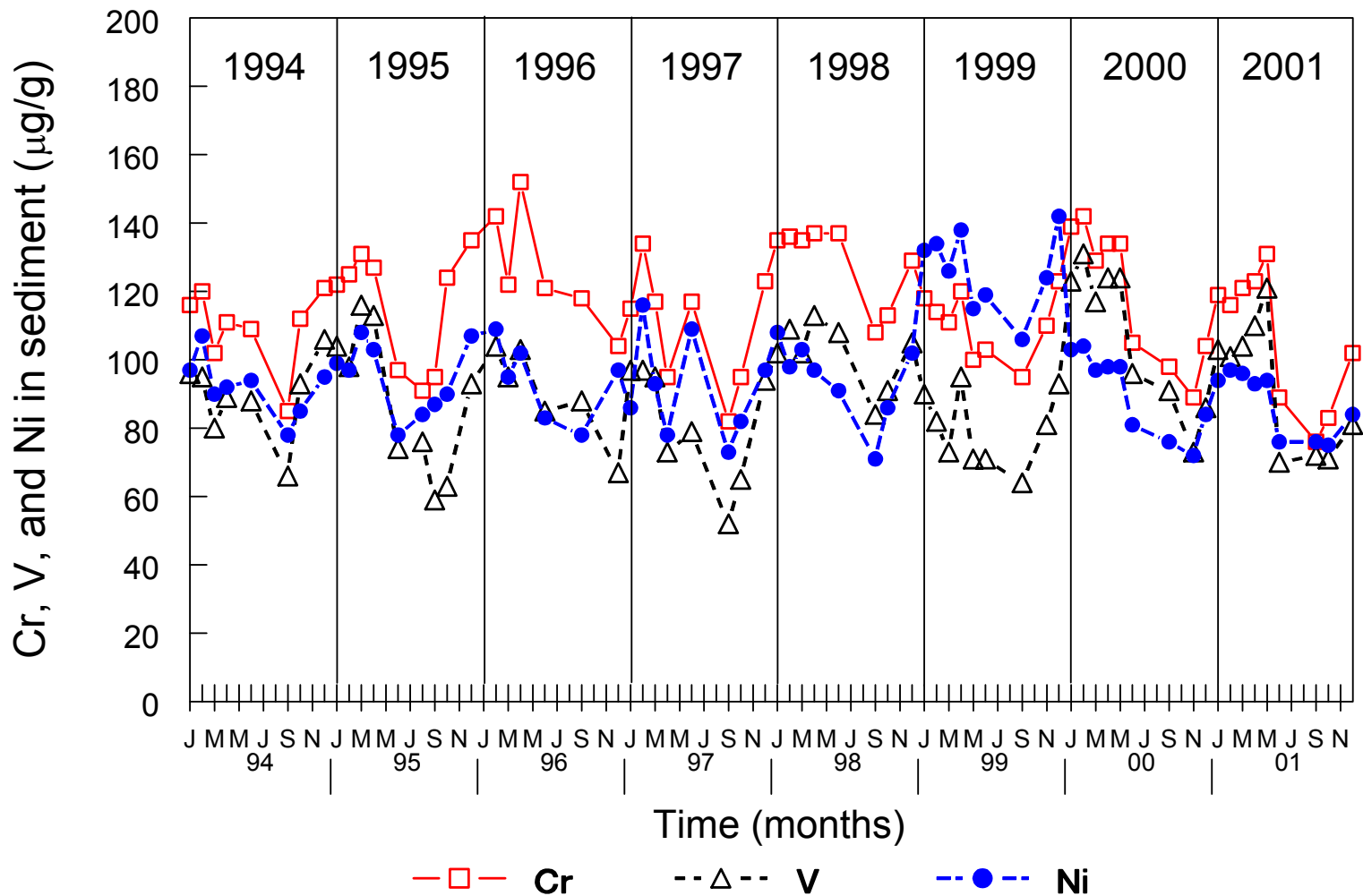

Chromium, vanadium, and nickel in sediment

Figure 5. Near-total and acid-extractable copper concentrations in sediments at Palo Alto from 1977 through 2001.
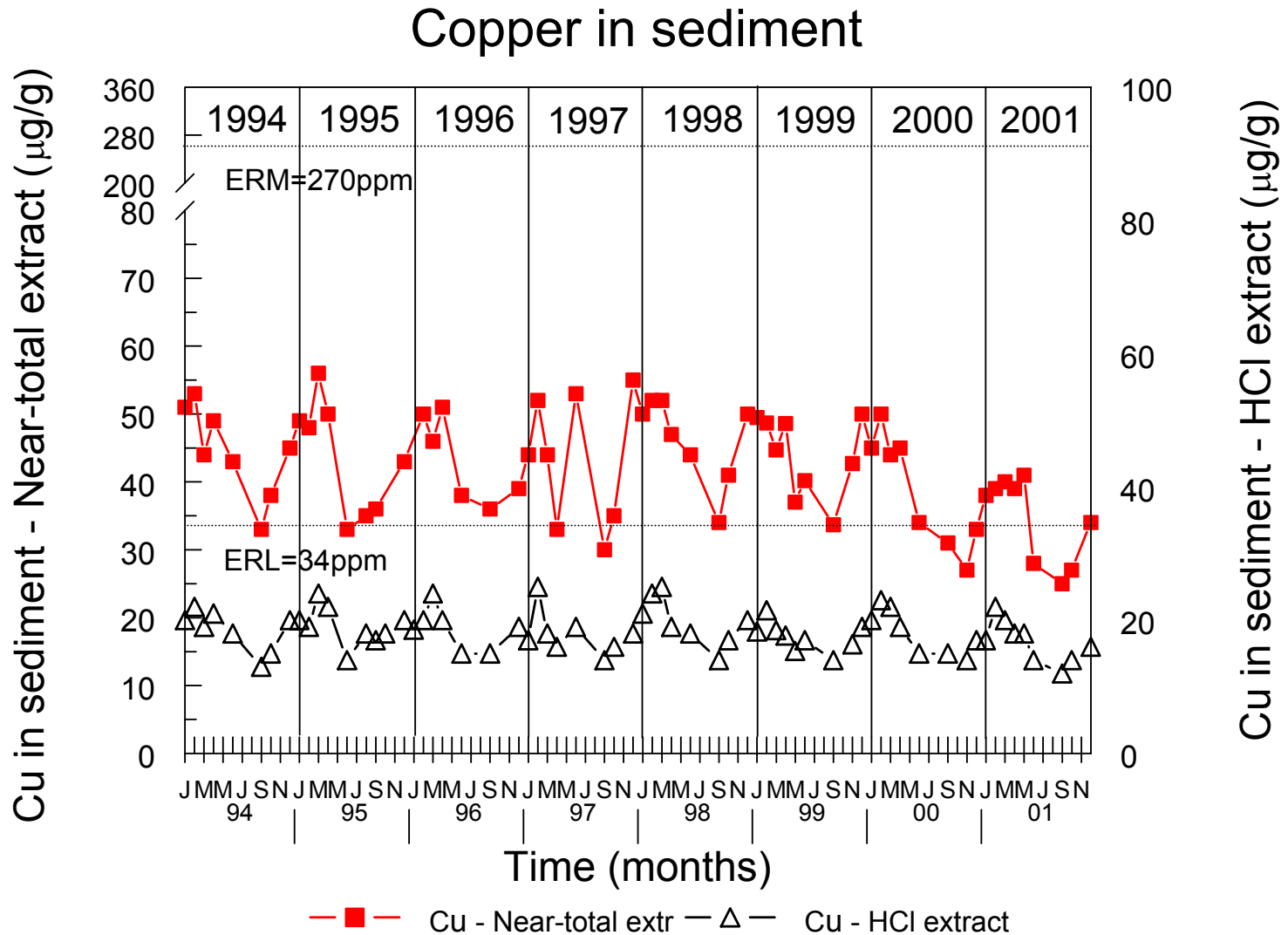

Copper in sediment

Figure 6. Concentrations of near-total and acid-extractable zinc in sediments at Palo Alto from 1994 through 2001.
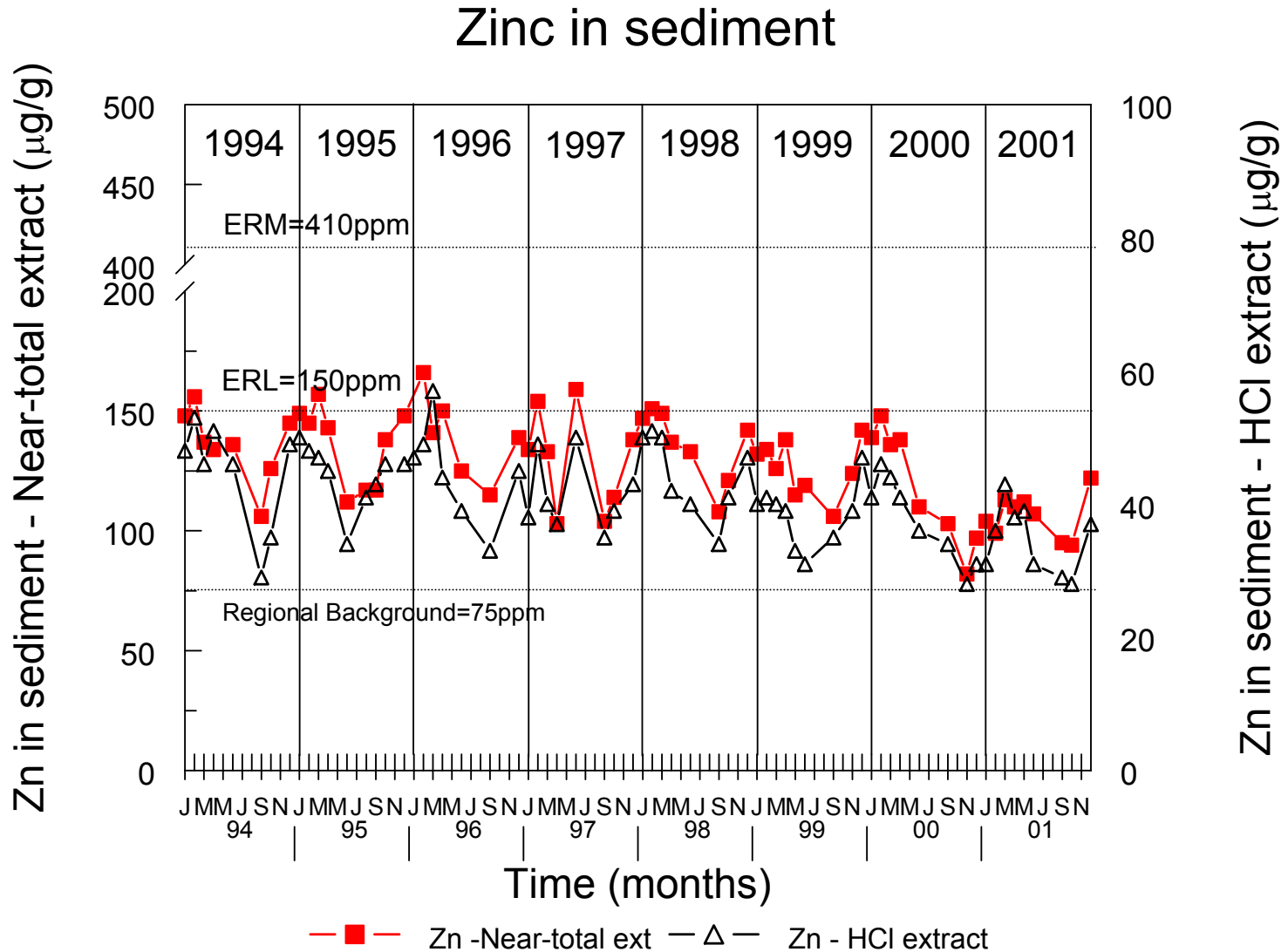

Zinc in sediment

Figure 7. Acid-extractable silver concentrations in sediments at Palo Alto from 1990 through 2001. Extractions were conducted with 0.6 N Hydrochloric acid.
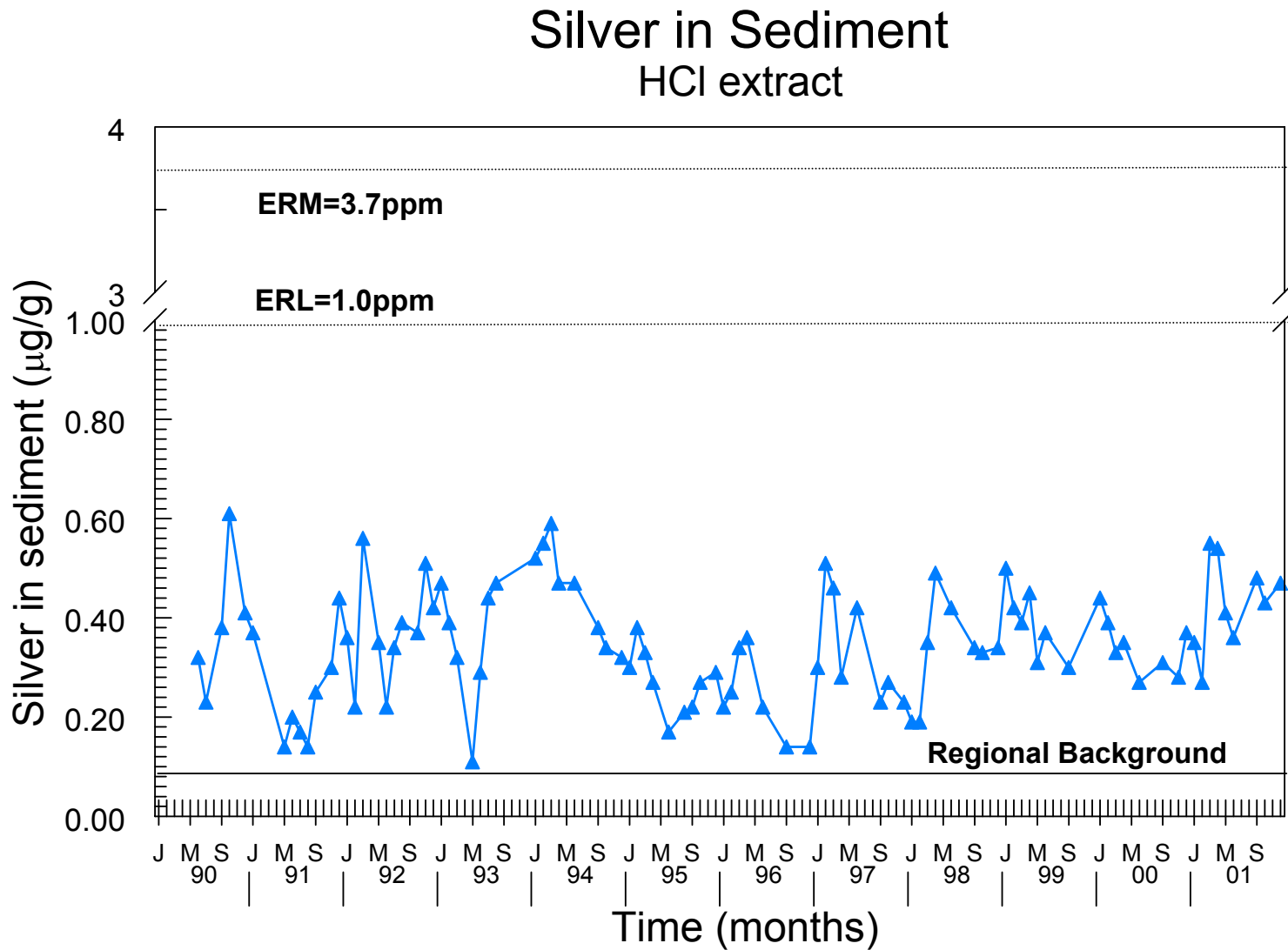

Silver in Sediment
HCl extract

Figure 8. Total extraction concentrations of cadmium in sediments at Palo Alto from 1994 through 1999.
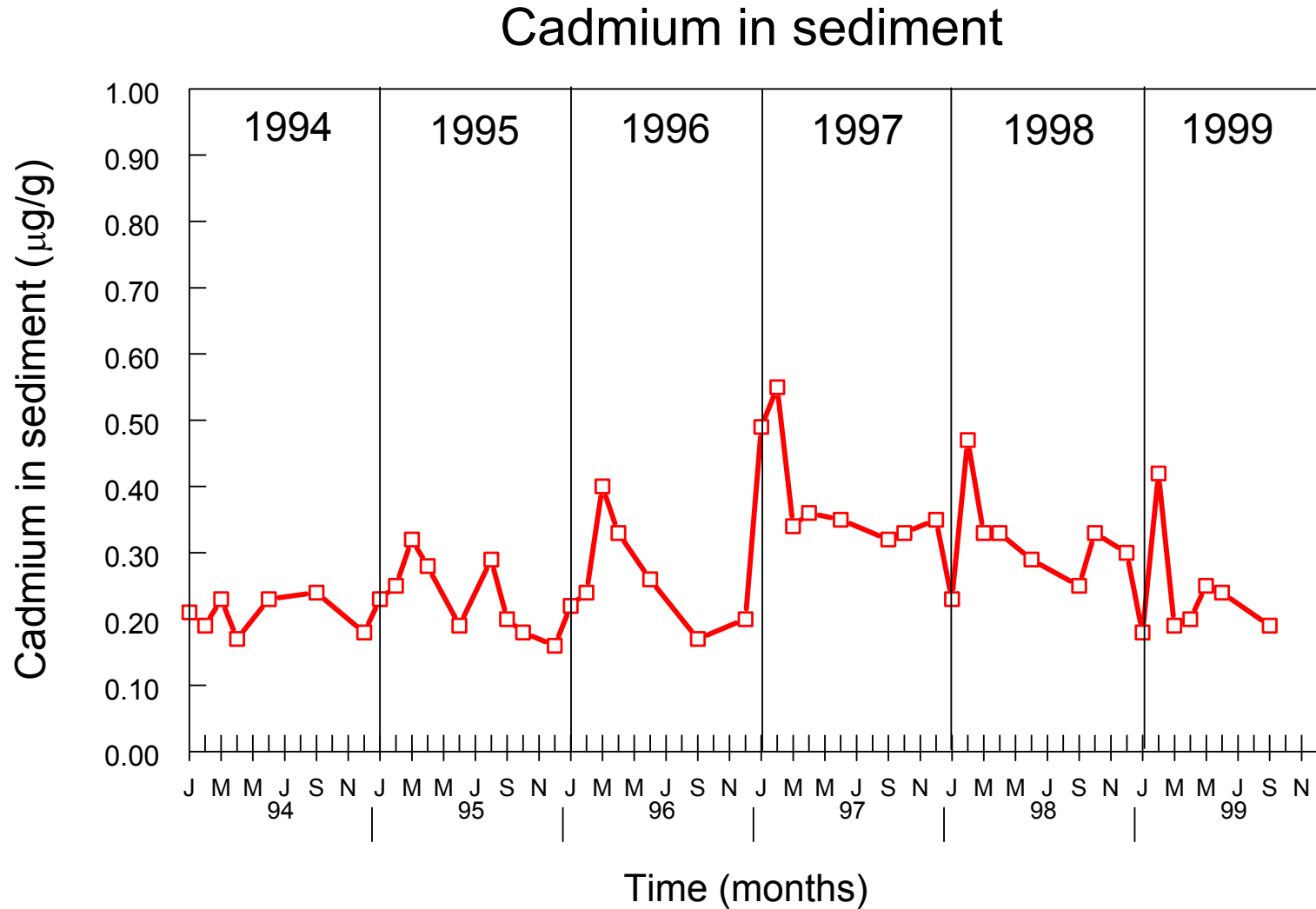

Cadmium in sediment

Figure 9. Concentrations of selenium and mercury in sediments at Palo Alto from 1994 through 2001.
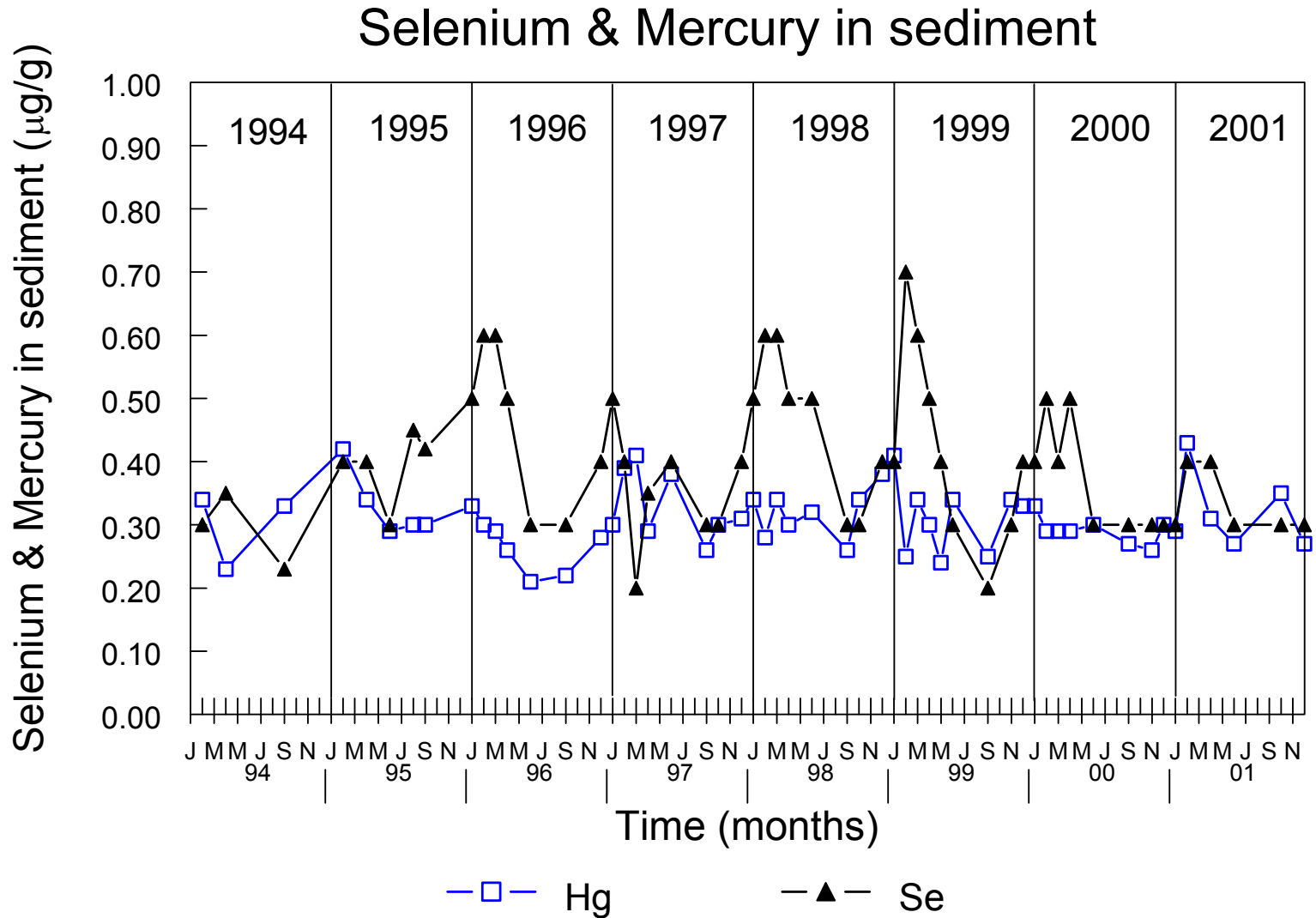
Figure 10. Annual mean concentrations of copper in the clam *Macoma balthica* at Palo Alto from 1977 through 2001. Error bars denote the standard error of the mean (SEM).
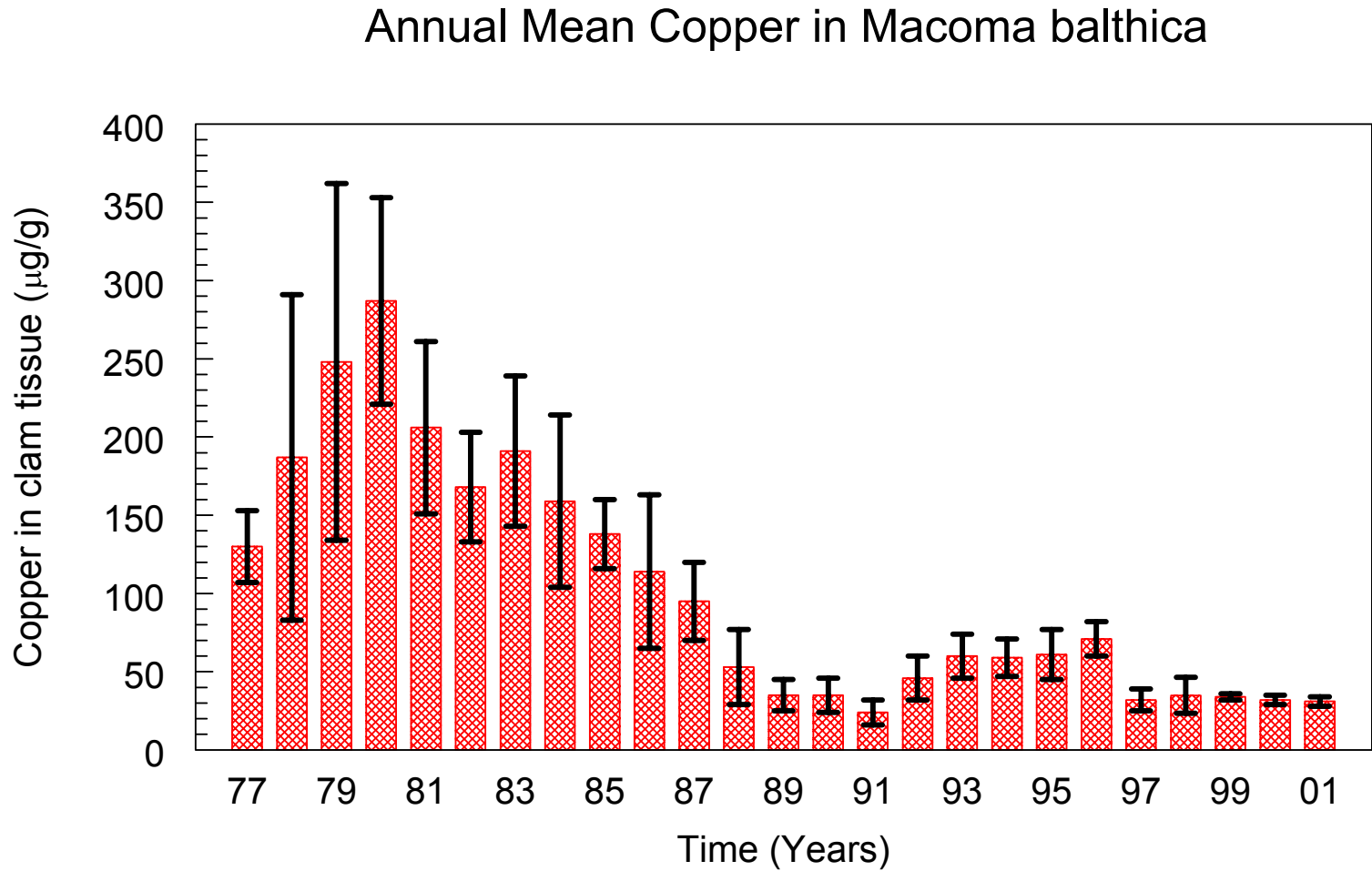
Figure 11. Annual mean concentrations of silver in the clam *Macoma balthica* at Palo Alto from 1977 through 2001. Error bars denote the standard error of the mean (SEM).
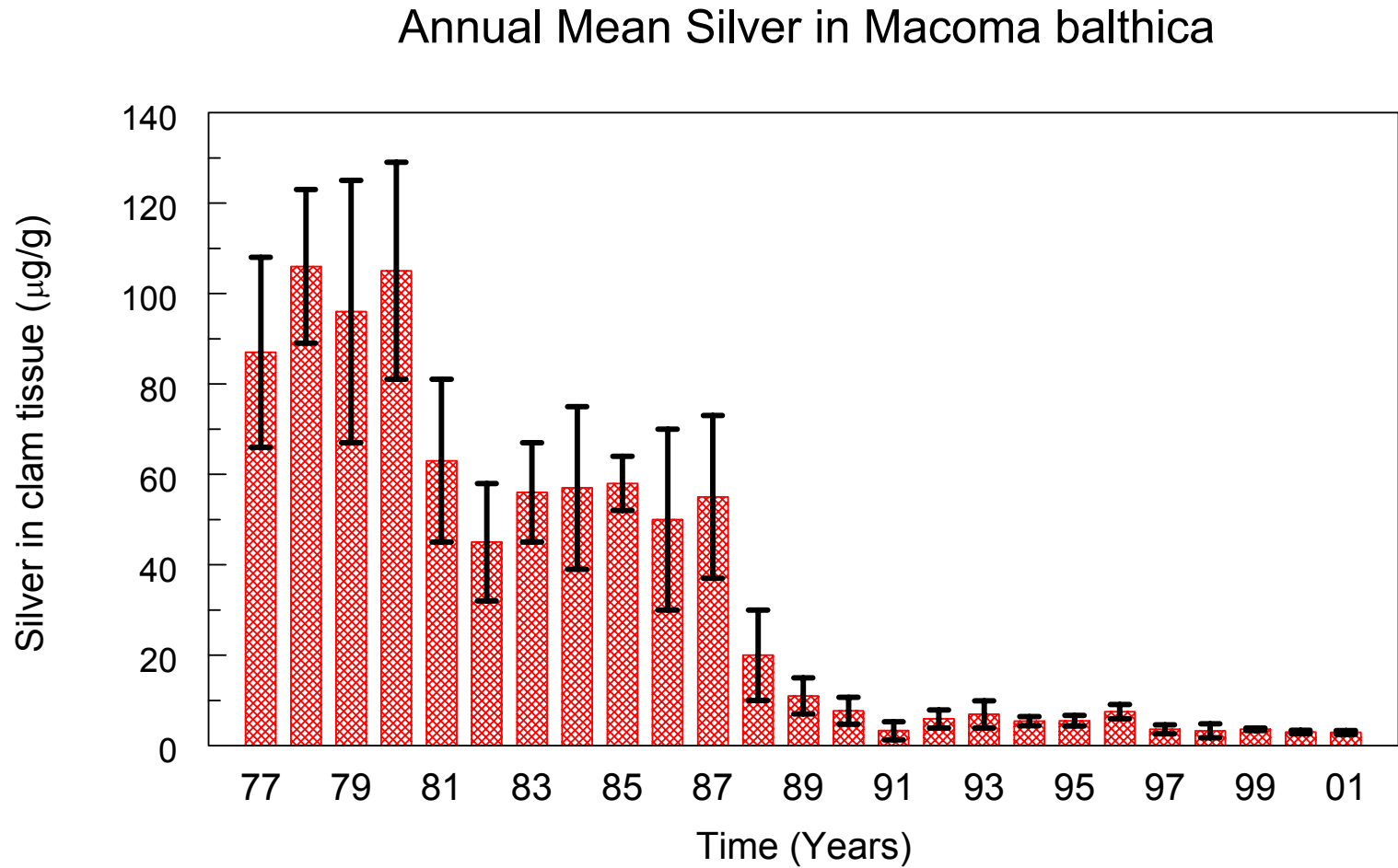

Annual Mean Silver in Macoma balthica

Figure 12. Concentrations of copper in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
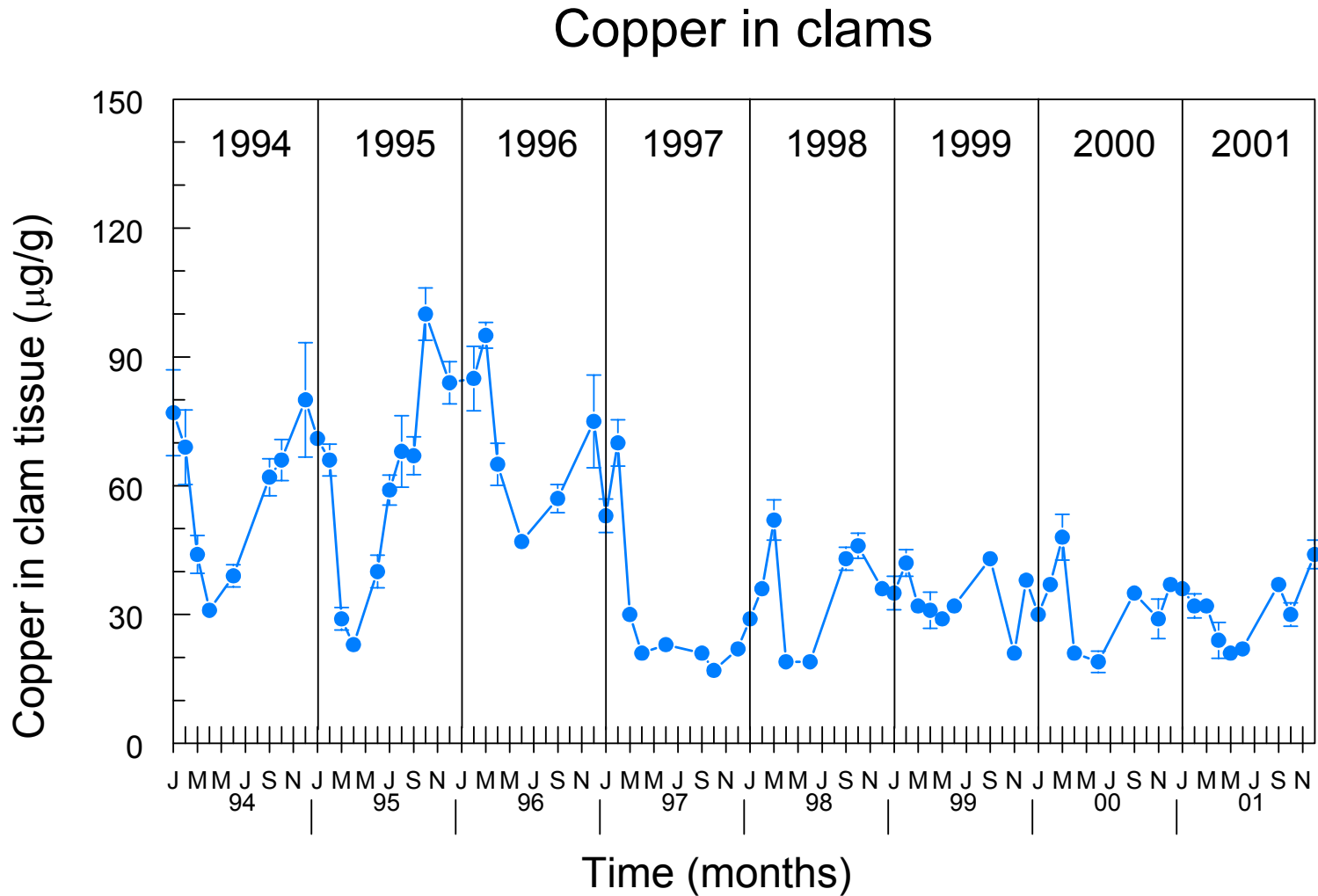
Figure 13. Concentrations of silver in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
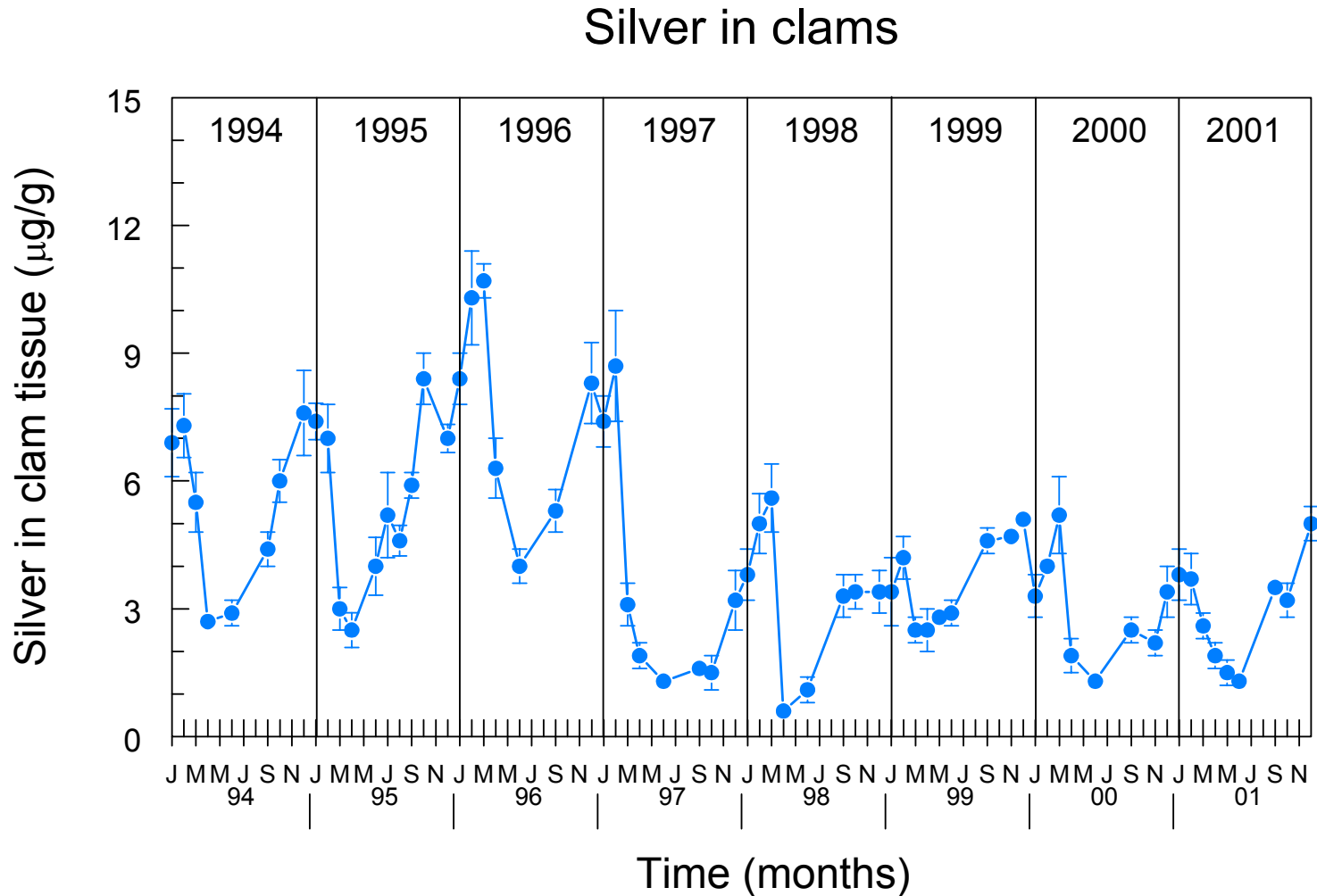
Figure 14. Concentrations of zinc in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
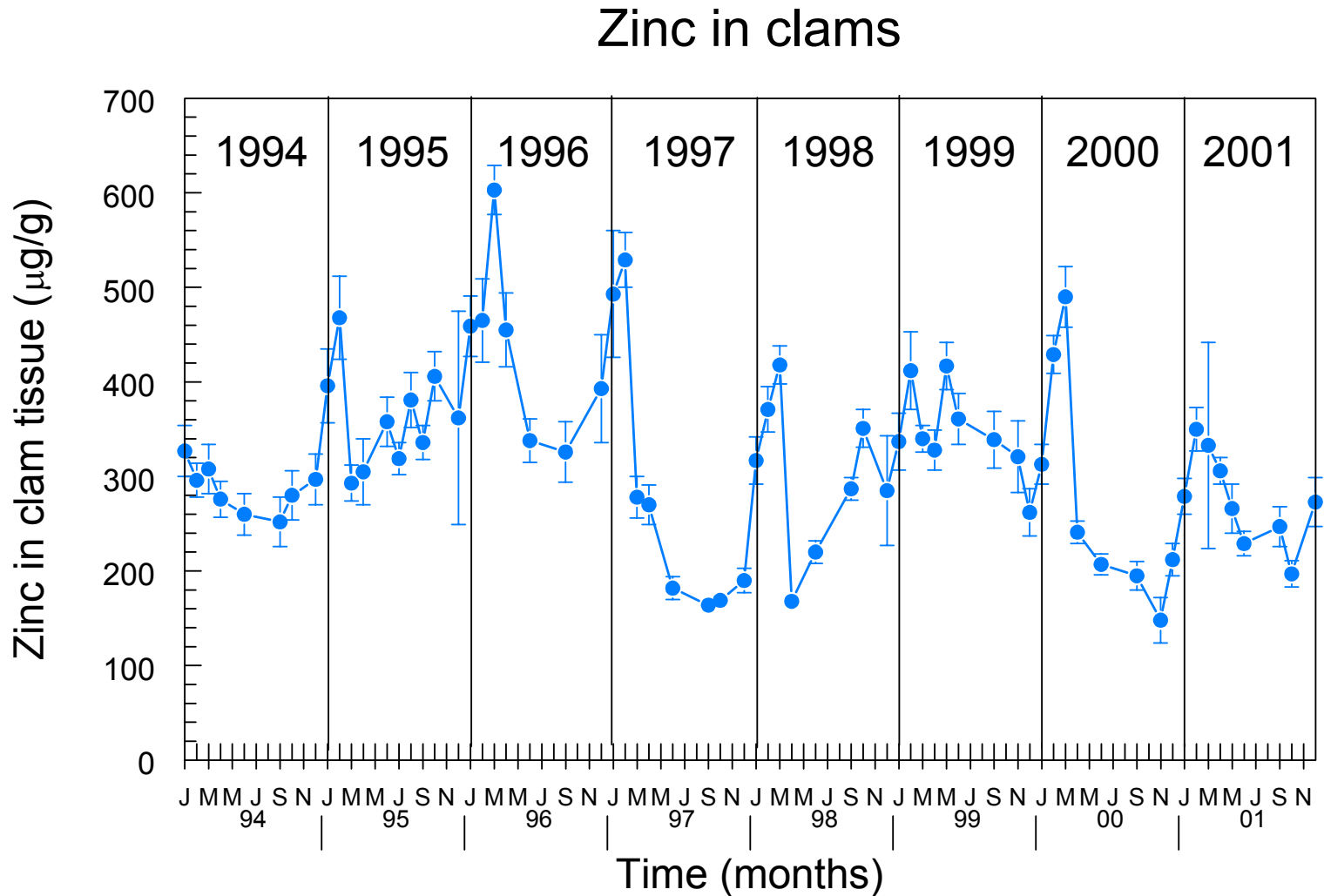

Zinc in clams

Figure 15. Concentrations of chromium in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
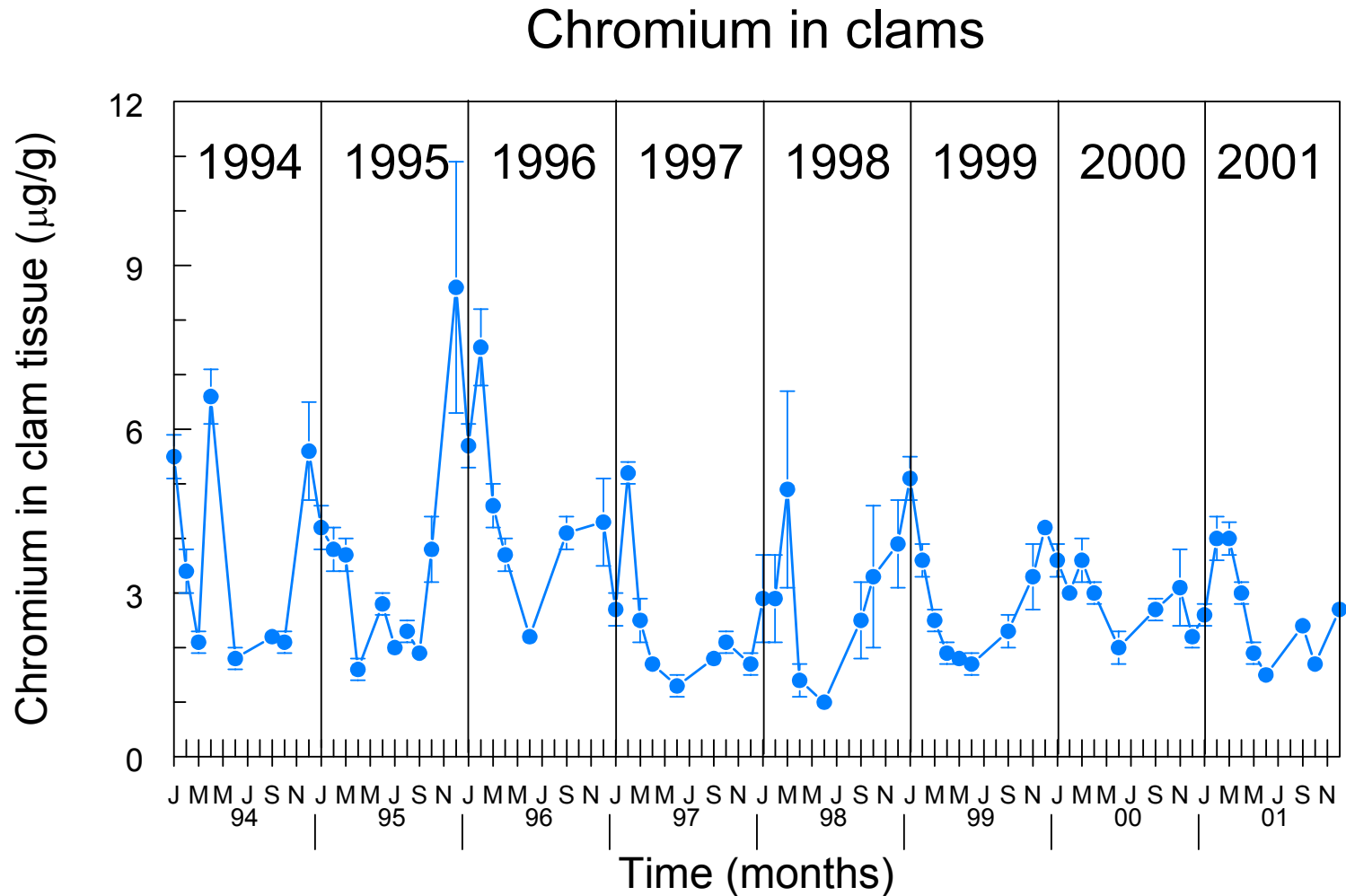
Figure 16. Concentrations of nickel in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
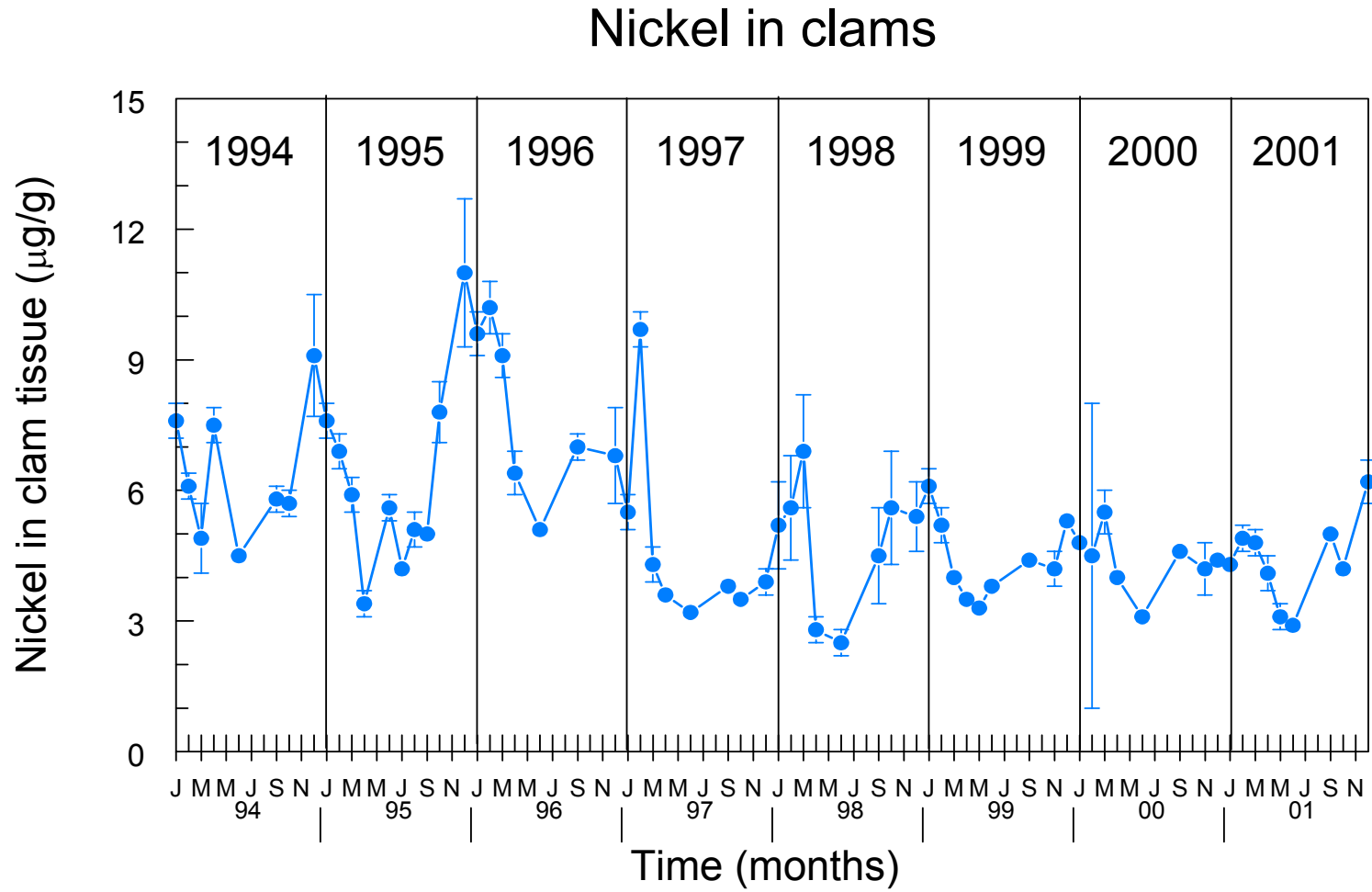

Nickel in clams

Figure 17. Concentrations of selenium in sediments and clams at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
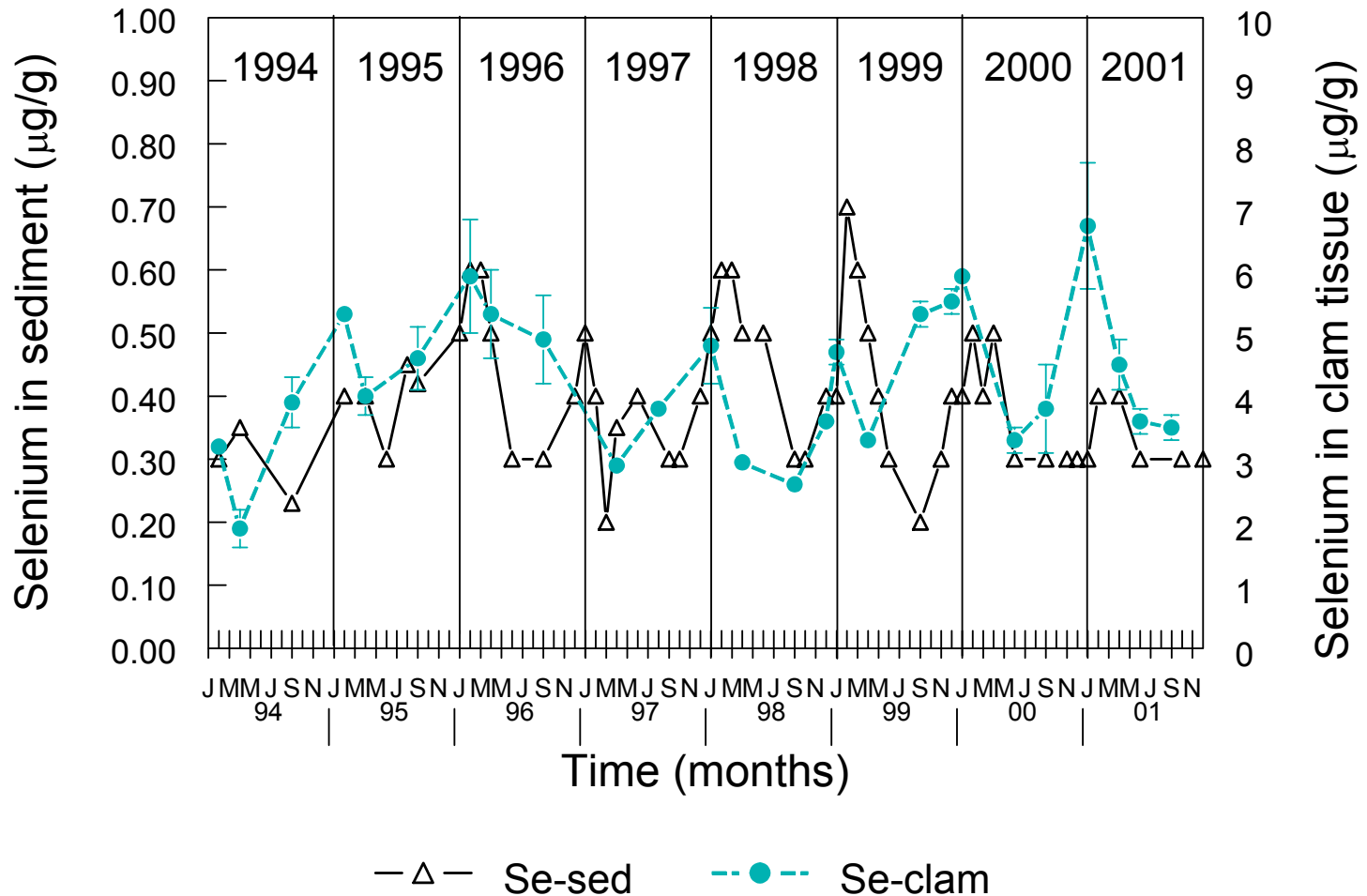

Selenium in sediment & clams

Figure 18. Concentrations of mercury in clams (*Macoma balthica)* at Palo Alto from 1994 through 2001. Error bars denote the standard error of the mean (SEM).
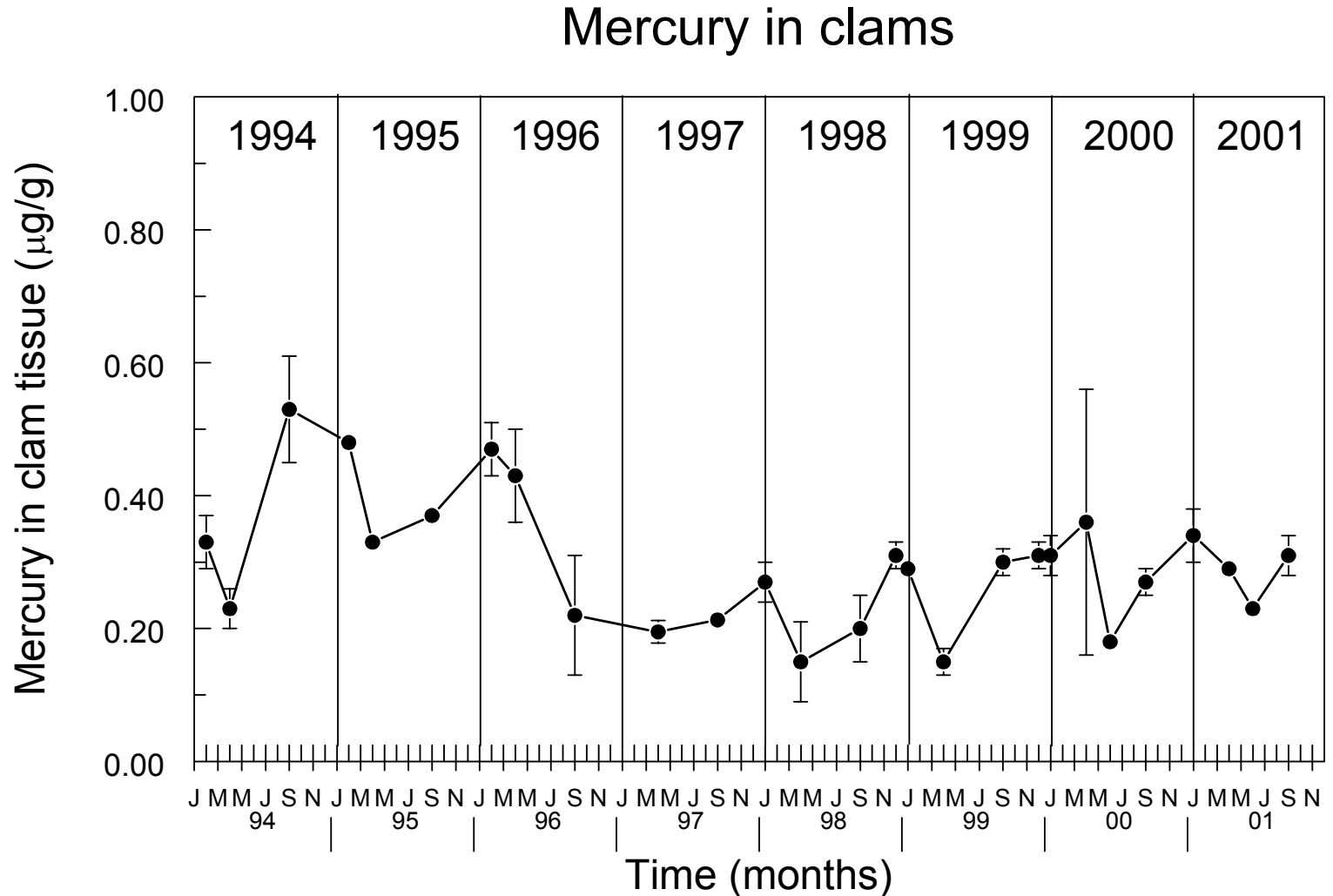
Figure 19. Weight of *Macoma balthica* of 25 mm shell length (condition index) as determined between 1988 through 2001 at Palo Alto.
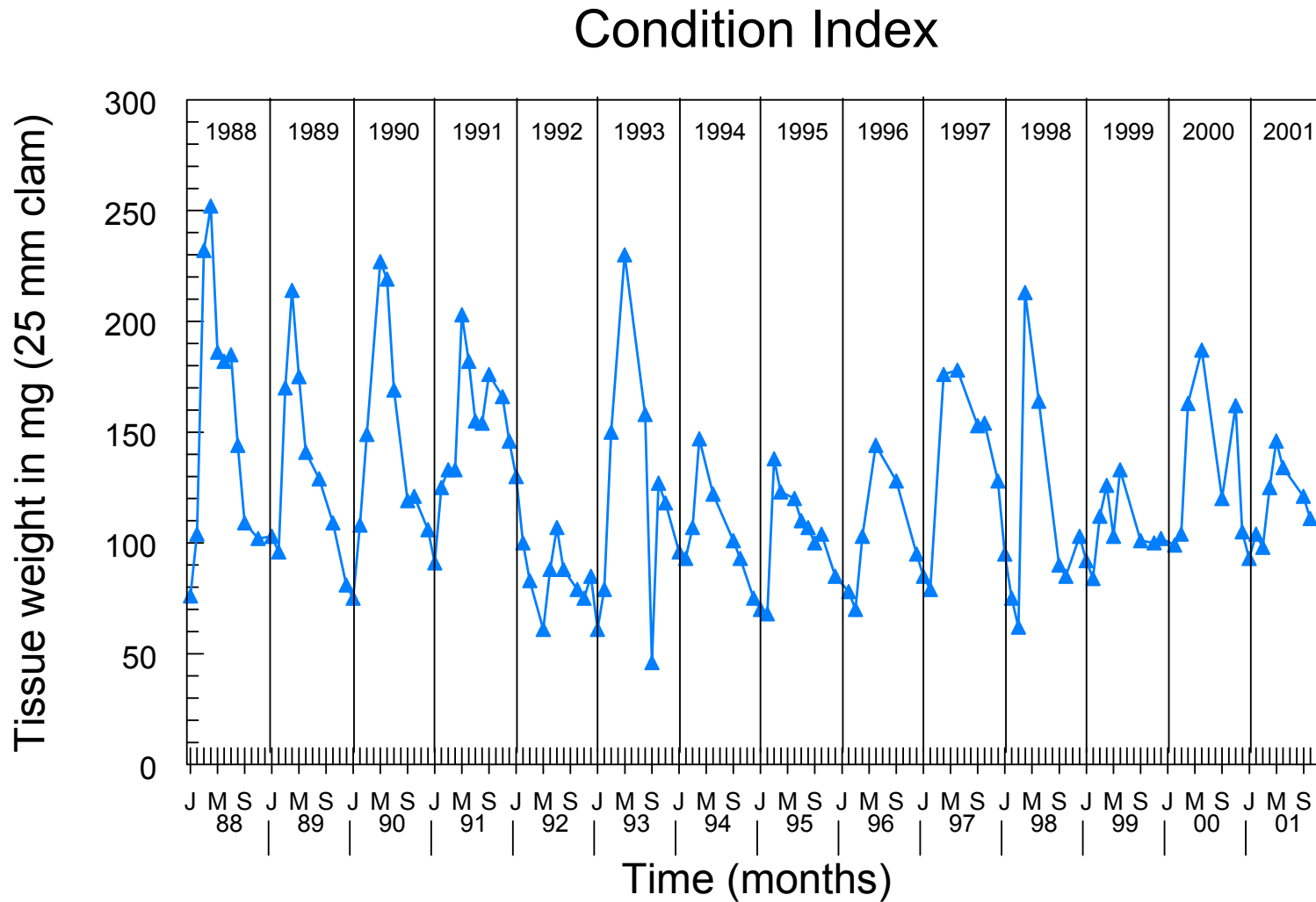

Condition Index

Figure 20. Correlation of maximum condition index in *Macoma balthica* vs. maximum copper concentrations in the months preceding the determination of maximum condition. Data from Palo Alto and San Jose sites for the period from 1990 through 2001.

Max Cu vs. Max CI: PA & SJ