

ANTARCIC.XLS

Hercules Neve (Victoria Land, East Antarctica)
(Scarponi, G. *et al.*, 1997)

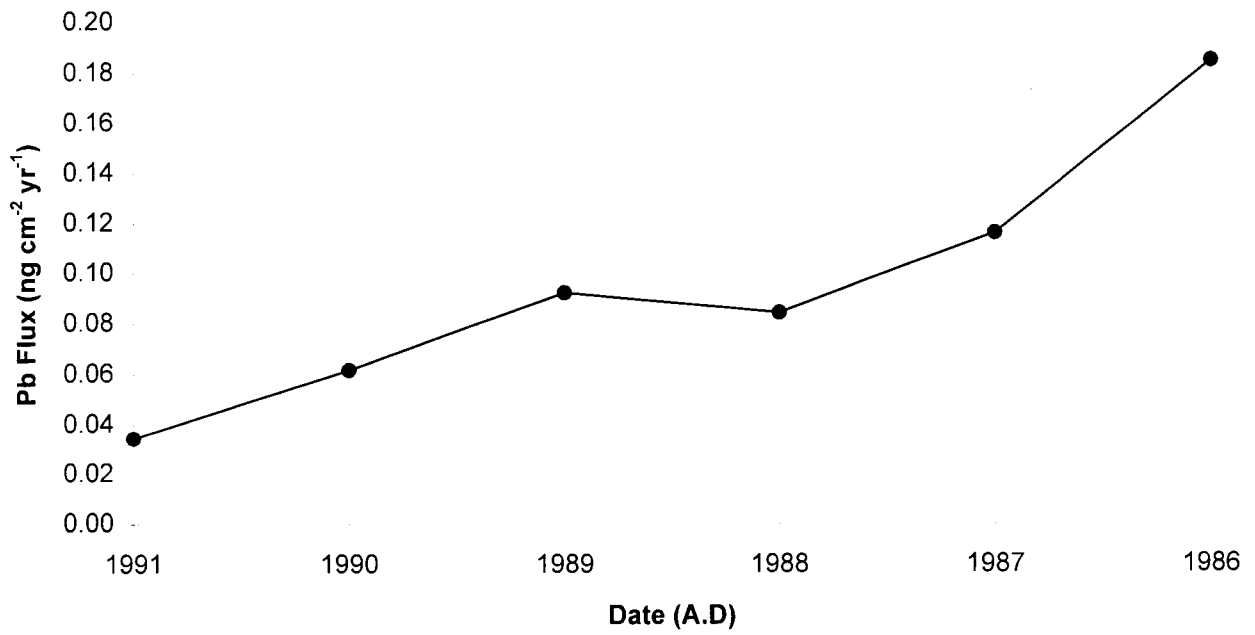
Depth (cm)	Ave. Pb (pg g ⁻¹)	Sed. Rate (g cm ⁻² yr ⁻¹)	No. of samples	Date	Pb fallout flux (ng cm ⁻² yr ⁻¹)
97-130	2.5	13.8	5	1991	0.035
130-168	3.9	15.8	7	1990	0.062
168-201.5	6.1	15.1	6	1989	0.092
201.5-235	5.8	14.5	6	1988	0.084
235-269	6.9	16.8	7	1987	0.116
269-321	8.4	21.9	6	1986	0.184

ANTARCIC.XLS

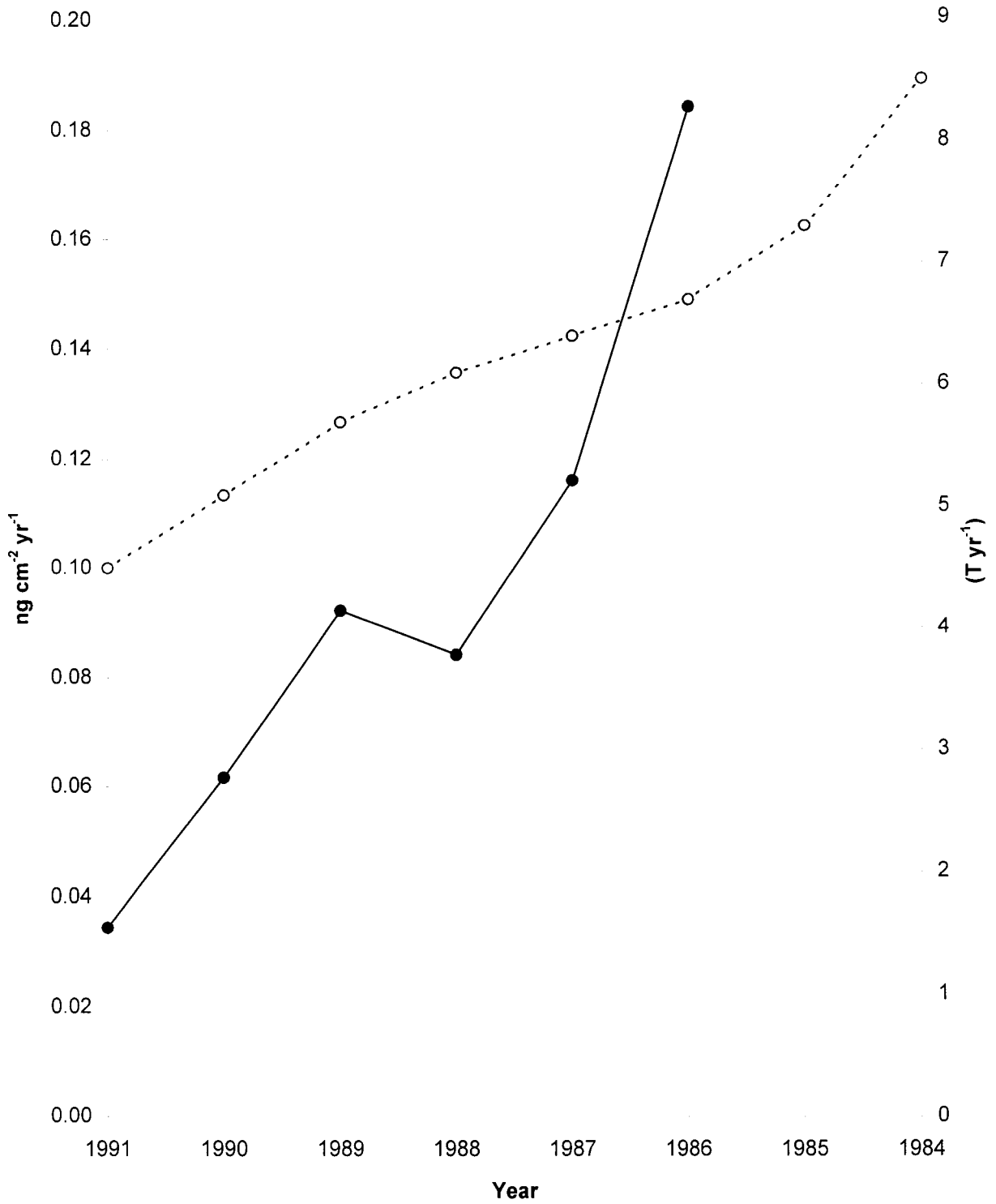
Pb Flux to East Antarctica ($\text{ng cm}^{-2} \text{ yr}^{-1}$)

	Ave.	(T yr ⁻¹)	(T yr ⁻¹)	(T yr ⁻¹)
		Australian Pb Consumption (petrol)	Brazilian Pb Consumption (petrol)	Aus.+Braz. Pb Consumption (petrol)
Year	Flux Pb			
1991	0.035	4.5	0	4.5
1990	0.062	5	0.1	5.1
1989	0.092	5.5	0.2	5.7
1988	0.084	5.8	0.3	6.1
1987	0.116	6	0.4	6.4
1986	0.184	6.2	0.5	6.7
1985		6.8	0.5	7.3
1984		7	1.5	8.5

Pb Flux to East Antarctica Measured from Core HNe



Atmospheric Pb Deposition as Recorded in an Ice Core from East Antarctica Compared with Southern Hemisphere Pb Consumption Data



—●— Flux Pb
--○-- Aus.+Braz. Pb Consumption (petrol)