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1980

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1981

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- \*81-40 Kuhns, K. K. Bibliography of the Scripps Institution of Oceanography Reference Series 1981. August 1982. 7p.
- 81-82 See 81-12.

1982

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- 82-21 Data report, physical and chemical data: CalCOFI Cruise 7712, 29 November - 20 December 1977; CalCOFI Cruise 7801, 5 January - 1 February 1978; CalCOFI Cruise 7803, 17 February - 15 March 1978, and CalCOFI Cruise 7804, 29 March - 26 April 1978. Reporte de Datos, fisicos y quimicos CRUCERO AH-7712, JD-7712, 29 de noviembre - 20 de diciembre 1977; CRUCERO AH-7801, JD-7801, 5 de enero - 1 de febrero 1978; CRUCERO AH-7803, JD-7803, 17 de febrero - 15 de marzo 1978; CRUCERO AH-7804, JD-7804, 29 de marzo - 26 de abril 1978. November 1982. 237p.
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- 82-23 Canceled.



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1983

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- 83-25 Canceled.
- 83-26 Smith, R. C., J. W. Campbell, W. E. Esaias and J. J. McCarthy. Primary production of the world ocean. Symposium, Life from a planetary perspective: Fundamental issues in Global Ecology. Marine Bio-Optics Group. December 1983. 26p.
- \*83-27 Kuhns, Kittie K. Bibliography of the SIO Reference Series 1979 - 1983. June 1984. 25p.

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