

**FRANKLIN CRUISES FR 8/90, 5/92 AND 8/93
DATA DOCUMENTATION
JGOFS WESTERN EQUATORIAL PACIFIC PROCESS STUDY**

[1] General:

Parameter: Zooplankton biomass
Level 1: Yes
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List of Parameters: Zooplankton biomass and taxon content
List of Units: Biomass as settled volume (ml m⁻³)

[2] Sampling:

Gear (e.g. CTD, pump, etc.): Free-fall plankton net 0.28 m² mouth area, 200 um mesh aperture
Standard Depths: 0-100m
Chemicals used: Samples fixed in 4% buffered formaldehyde.
Special Procedures: Settled volumes done between 3 and 6 months after sampling.

[3] Analysis:

Instrument: Settled volume and major taxa only
Method: Samples allowed to settle in graduated conical centrifuge tubes for 7 days, and settled volume read to the nearest millilitre. The samples were then examined under a dissecting microscope, and the major components identified as taxa (copepods, euphausiids, chaetognaths, salps, etc).

Precision: estimated as 5%
Comments: No data from FR 9008.

[4] Results:

Quality of Data: FR 9205 and FR 9308 good.
Known Problems: No data from FR 9008.

[5] Brief description of analytical method

[6] Comments: None

