



Deep Sea Drilling Project Reports and Publications

DSDP Volume XXXI Table of Contents

doi:10.2973/dsdp.proc.31.1975

Online publication date: May 2007

Preliminary Pages

Part I: Introduction

1. Introduction and Explanatory Notes

James C. Ingle, Jr., Daniel E. Karig and Stan M. White

doi:10.2973/dsdp.proc.31.101.1975

Part II: Site Reports

2. Site 290

James C. Ingle, Jr., Daniel E. Karig, Arnold H. Bouma, Howard Ellis, Neville Haile, Itaru Koizumi, Hsin Yi Ling, Ian MacGregor, J. Casey Moore, Hiroshi Ujiie, Teruhiko Watanabe, Stan M. White, and Masashi Yasui

doi:10.2973/dsdp.proc.31.102.1975

3. Site 291

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.103.1975

4. Site 292

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.104.1975

5. Site 293

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.105.1975

6. Site 294/295

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.106.1975

7. Site 296

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.107.1975

8. Site 297

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.108.1975

9. Site 298

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.109.1975

10. Site 299

Shipboard Scientific Party

doi:10.2973/dsdp.proc.31.110.1975

11. Site 300

Shipboard Scientific Party
doi:10.2973/dsdp.proc.31.111.1975

12. Site 301

Shipboard Scientific Party
doi:10.2973/dsdp.proc.31.112.1975

13. Site 302

Shipboard Scientific Party
doi:10.2973/dsdp.proc.31.113.1975

Part III: Shore Laboratory Studies

14. Sedimentary Structures of Philippine Sea and Sea of Japan Sediments, DSDP Leg 31

Arnold H. Bouma
doi:10.2973/dsdp.proc.31.114.1975

15. Deep-Sea Fan Deposits from Toyama Trough, Sea of Japan

Arnold H. Bouma
doi:10.2973/dsdp.proc.31.115.1975

16. Structural and Textural Characteristics of Debris from the Philippine Sea

Arnold H. Bouma and Judith L. Plueneke
doi:10.2973/dsdp.proc.31.116.1975

17. Composition of Deep-Sea Sands from Marginal Basins of the Northwestern Pacific

Patrick J. Harrold and J. Casey Moore
doi:10.2973/dsdp.proc.31.117.1975

18. The Sulphides of Certain Deep-Sea Sediment Samples Collected on DSDP Leg 31

K.F.G. Hosking
doi:10.2973/dsdp.proc.31.118.1975

19. Petrology of Siliceous Rocks Recovered from Marginal Seas of the Western Pacific, Leg 31, Deep Sea Drilling Project

Robert E. Garrison, Stephen M. Rowland, Lawrence J. Horan, and J. Casey Moore
doi:10.2973/dsdp.proc.31.119.1975

20. Diagenesis of Calcareous Nannofossils

R. Rezak and M.E. Henry
doi:10.2973/dsdp.proc.31.120.1975

21. Physical Properties of Deep-Sea Sediments from the Philippine Sea and Sea of Japan

Arnold H. Bouma and J. Casey Moore
doi:10.2973/dsdp.proc.31.121.1975

22. Consolidation Characteristics of Sediments from Leg 31 of the Deep Sea Drilling Project

P.K. Trabant, W.R. Bryant, and A.H. Bouma
doi:10.2973/dsdp.proc.31.122.1975

23. Geothermal Studies Leg 31, Deep Sea Drilling Project

Teruhiko Watanabe, R.P. Von Herzen, and A. Erickson
doi:10.2973/dsdp.proc.31.123.1975

24. Neogene Explosive Volcanic Activity of the Western Pacific: Sites 292 and 296, DSDP Leg 31

Thomas W. Donnelly
doi:10.2973/dsdp.proc.31.124.1975

25. K-Ar Ages of Deep-Sea Basalts, Benham Rise, West Philippine Basin, Leg 31, Deep Sea Drilling Project

Edwin H. McKee
doi:10.2973/dsdp.proc.31.125.1975

26. Pb and Sr Isotopic Studies of Igneous Rocks Cored during Leg 31 of the Deep Sea Drilling Project

Arend Meijer

doi:10.2973/dsdp.proc.31.126.1975

27. Elastic Wave Velocities in Volcanic and Plutonic Rocks Recovered on DSDP Leg 31

N.I. Christensen, R.L. Carlson, M.H. Salisbury, and D.M. Fountain

doi:10.2973/dsdp.proc.31.127.1975

28. Two Seismic Refraction Profiles in the West Philippine Sea

M. Henry, D.E. Karig, and G.G. Shor, Jr.

doi:10.2973/dsdp.proc.31.128.1975

29. Structure and Sediment Distribution in the Northwest Corner of the West Philippine Basin

D.E. Karig and J.M. Wageman

doi:10.2973/dsdp.proc.31.129.1975

30. Diagenesis of Organic Matter and Estimated Temperature History from Carbonization Measurements, Shikoku Basin

R.L. Ames and R. Littlejohn

doi:10.2973/dsdp.proc.31.130.1975

31. Chlorophyll Derivatives in DSDP Leg 31 Sediments

Earl W. Baker and G. Dale Smith

doi:10.2973/dsdp.proc.31.131.1975

32. Geochemistry of Carbon: DSDP Leg 31

J.G. Erdman, K.S. Schorno, and R.S. Scalan

doi:10.2973/dsdp.proc.31.132.1975

33. Interstitial Water Studies, Leg 31

Stan M. White

doi:10.2973/dsdp.proc.31.133.1975

34. Calcareous Nannofossil Biostratigraphy—Leg 31, DSDP

C. Howard Ellis

doi:10.2973/dsdp.proc.31.134.1975

35. Planktonic Foraminiferal Biostratigraphy in the Western Philippine Sea, Leg 31 of DSDP

Hiroshi Ujiie

doi:10.2973/dsdp.proc.31.135.1975

36. Pleistocene and Pliocene Foraminifera from the Sea of Japan, Leg 31, Deep Sea Drilling Project

James C. Ingle, Jr.

doi:10.2973/dsdp.proc.31.136.1975

37. Radiolaria: Leg 31 of the Deep Sea Drilling Project

Hsin Yi Ling

doi:10.2973/dsdp.proc.31.137.1975

38. Silicoflagellates and Ebridians from Leg 31

Hsin Yi Ling

doi:10.2973/dsdp.proc.31.138.1975

39. Neogene Diatoms from the Western Margin of the Pacific Ocean, Leg 31, Deep Sea Drilling Project

Itaru Koizumi

doi:10.2973/dsdp.proc.31.139.1975

40. Ichthyoliths in Some Samples from the Philippine Sea, Deep Sea Drilling Project, Leg 31

A.T. Dengler, P.S. Doyle, and W.R. Riedel

doi:10.2973/dsdp.proc.31.140.1975

Part IV: Cruise Synthesis

41. Summary of Late Paleogene-Neogene Insular Stratigraphy, Paleobathymetry, and Correlations, Philippine Sea and Sea of Japan Region

James C. Ingle, Jr.

doi:10.2973/dsdp.proc.31.141.1975

42. Basin Genesis in the Philippine Sea

Daniel E. Karig

doi:10.2973/dsdp.proc.31.142.1975

Part V: Appendix

Appendix I. X-Ray Mineralogy Data, Far Western Pacific, Leg 31, Deep Sea Drilling Project

H.E. Cook, I. Zemmels, and J.C. Matti

doi:10.2973/dsdp.proc.31.app.1975

Index

Back-Pocket Foldout

Figure 1. DSDP Leg 31 track and site locations.

DSDP Data and Samples

- Data: DSDP legacy data can be accessed through the **Integrated Ocean Drilling Program (IODP) data portal**.
- Samples: DSDP cores are housed at the **Integrated Ocean Drilling Program (IODP) repositories** and can be sampled by research scientists, educators, museums, and outreach institutions.
- Core Images: Shipboard core descriptions and core photos are included in the site chapters. The entire set of digitized core images produced by scanning the original negatives is available in PDF in the **core photos** folder.

Citations

Citation information about scientific publications related to this and other DSDP legs is available in the **Ocean Drilling Citation Database**.

Map

- **DSDP Map** (Legs 1–96)