

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

USGS Staff -- Published Research

US Geological Survey

1999

A Memorial for William V. Sliter

Robert G. Douglas

University of Southern California, University Park, Los Angeles, CA

Jere H. Lipps

University of California, Berkeley

James C. Ingle Jr.

Stanford University

John Barron

U.S. Geological Survey

Follow this and additional works at: <https://digitalcommons.unl.edu/usgsstaffpub>



Part of the [Earth Sciences Commons](#)

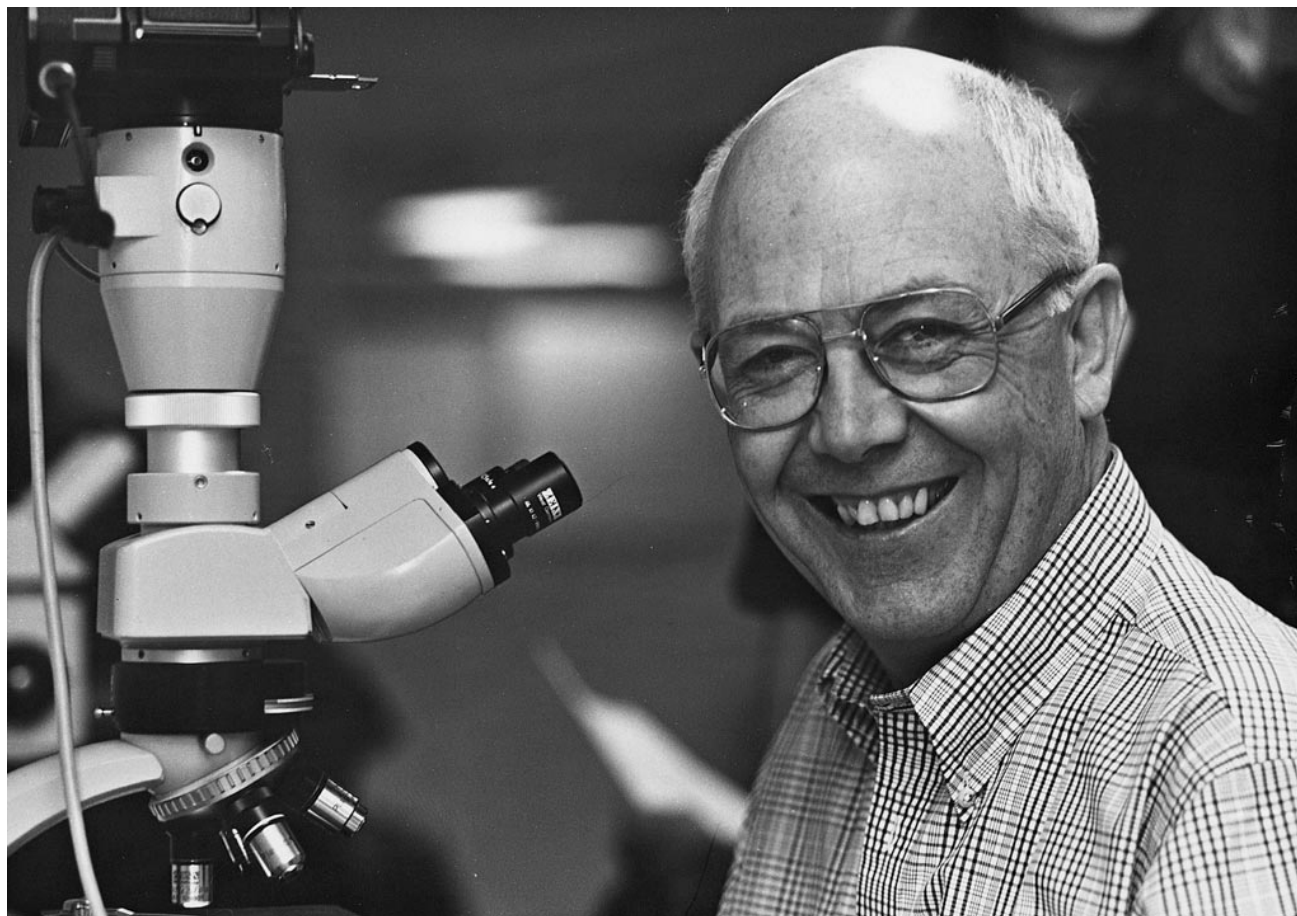
Douglas, Robert G.; Lipps, Jere H.; Ingle, James C. Jr.; and Barron, John, "A Memorial for William V. Sliter" (1999). *USGS Staff -- Published Research*. 274.

<https://digitalcommons.unl.edu/usgsstaffpub/274>

This Article is brought to you for free and open access by the US Geological Survey at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in USGS Staff -- Published Research by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

A MEMORIAL FOR WILLIAM V. SLITER

ROBERT G. DOUGLAS¹, JERE H. LIPPS², JAMES C. INGLE, JR.³, AND JOHN BARRON⁴



William V. (Bill) Sliter, an internationally known micro-paleontologist and research geologist for the U.S. Geological Survey, passed away suddenly, October, 1997, while talking to a colleague in his office. In his honor, B. Huber, T. Bralower, and M. Leckie organized a keynote symposium “Paleoecological and Geochemical Signatures of Cretaceous Anoxic Events” at the 1998 annual meeting of the Geological Society of America in Toronto, Canada. This theme issue of the *Journal of Foraminiferal Research* contains the published papers from the symposium and is dedicated to his memory.

Bill was a native of Los Angeles, California, where he attended high school and received his bachelor’s and doctorate degrees from the University of California, Los Angeles. Bill was part of the first group of UCLA graduate students working under the guidance of Helen Tappan in the

mid 1960s. A.R. Loeblich, Jr., then at the Chervon research lab in nearby La Habra, was an informal advisor and critic to the group. Helen and Al suggested that Bill study Cretaceous foraminifera while encouraging his diverse interests in the biology and ecology of modern species. In small aquaria located in the basement of the Geology Department, Bill began growing intertidal species, conducting ecological and life cycle experiments and published his first paper on *Rosalina globularis*.

After completing his Ph.D. dissertation on Late Cretaceous foraminifera in southern California and northern Baja California, Mexico, Bill took a job with ESSO (later EXXON) Production Research Company in Houston, Texas, as a research geologist/paleontologist. One of his first projects at EPR was a study of modern depositional environments in the Gulf of Mexico which emphasized a multidisciplinary approach that combined hydrographic, sediments, foraminiferal and molluscan data. It expanded an interest in modern environments that began as a graduate student and laid the foundation for interpreting paleoenvironments that he was to use in much of his later work in biostratigraphy and paleoceanography. Other EPR projects followed, dealing with Tertiary and Cretaceous foraminifera from distant

¹ Department of Earth Sciences, University of Southern California, University Park, Los Angeles, CA 90007.

² Museum of Paleontology, University of California, Berkeley, CA 94720.

³ Department of Geology, School of Earth Science, Stanford University, Stanford, CA 94305.

⁴ U.S. Geological Survey, 345 Middlefield Rd., Menlo Park, CA 94025.

locations around the world. Bill greatly enjoyed his colleagues and the geological challenges in petroleum exploration but was uncomfortable with the corporate philosophy. He disliked regimentation and complained that working for a large corporation was too much like being in the army.

In 1972 Bill left EPR and joined the Canadian Geological Survey, in Calgary, where he continued research on Cretaceous foraminifera and Mesozoic biostratigraphy. He was fascinated with the Canadian Arctic islands and developed a background in high latitude Cretaceous microfossils, valuable knowledge in his later studies of the Cretaceous ocean. However, a year later an opportunity arose to return to his beloved California and he joined the U.S. Geological Survey's Paleontology and Stratigraphy Branch in Menlo Park.

Bill enjoyed a distinguished career in the Survey as a research geologist/paleontologist and administrator. From 1978 to 1983, he served as the Branch Chief for Paleontology and Stratigraphy at USGS headquarters in Reston, Virginia. He was an astute administrator who combined a love of people with excellent communication skills and a sense of humor. It was an effective combination and over the years administrators and colleagues repeatedly turned to Bill for help in solving tough problems. All greatly admired and respected his "people" skills and ability.

At the U.S. Geological Survey in Menlo Park Bill Sliter always had his door (and his mind) open to discuss a wide range of geological, work-related, and philosophical issues with scientists, administrative staff, and technicians. He was a calming father-figure to everyone and he had a tremendous gift at helping people look at all sides of a problem and come away with a satisfying plan of action. Of course, he instilled these discussions with his wit and quirky humor, and we all remember his characteristic smile (almost a smirk). He was particularly helpful in leading the paleontology group at Menlo Park through the difficult re-organization beginning in late 1995. Subsequently, as Regional Space Coordinator, he cleared the way for a timely (and largely painless) move of the Marine Geology team back into space on to the main Menlo campus.

He returned to Menlo Park as the study of Mesozoic terranes along the West Coast was getting underway in the Survey and he turned his attention to the Cretaceous limestones exposed in terranes in central and northern California. Many of the limestones had been exploited for cement and were exposed in quarries; all had been deformed and altered. The origin and age of these units were largely enigmatic. They were a major challenge, just the type that Bill loved. Unraveling the puzzle required developing an expertise in identifying foraminifers in thin-sections and in 1984, Bill published the first of several papers describing a Cretaceous biostratigraphic zonation based on foraminifera in thin-section. He became a world authority on working with forams in thin section and traveled extensively in the United States, Mexico, Venezuela and Brazil to teach the techniques he developed. It was in sharing his expertise with a student at the microscope that Bill experienced his greatest joy.

Piqued by the Cretaceous limestone's and the desire to understand their origins, Bill became involved in the Deep Sea Drilling Project (later the Ocean Drilling Project) and participated in drilling Cretaceous guyots in the mid Pacific. Ultimately he participated in cruises in the Pacific and At-

lantic Ocean and was an important contributor to our understanding of Cretaceous oceans.

Bill served the profession well, both within the Survey and in societies. He was a former Director, Editor and President of the Cushman Foundation. He stepped down some years ago, so "younger blood" could have an impact on the Foundation. He continued, however, as an Honorary Director and attended most meetings where his jovial and insightful comments made the discussions fun and effective. With his many colleagues, he was co-covener and organizer of numerous symposia, short courses and field trips on foraminifera and Cretaceous stratigraphy.

To all who knew him, Bill was a special person. He had an inquiring mind that was always probing, questioning and testing. It made him a wonderful scientist. During his career he pursued a diverse range of interests, including living foraminifera and modern environments, the biostratigraphy and paleoecology of Mesozoic microfossils in whole specimen and thin-section, black shales, Cretaceous biogeography, Mesozoic terranes, Cretaceous paleoceanography and more. But he was also a warm, caring person with a great sense of humor and humility who loved people and to share his knowledge. In his life he touched many lives and enriched them along the way. He will be greatly missed by all of us but especially his wife, Trish, and his children and grandchildren.

We wish to acknowledge the contribution and help of Bill's many, many colleagues and friends in composing this short tribute to his life.

PUBLICATIONS OF WILLIAM V. SLITER*

- DOUGLAS, R., and SLITER, W. V., 1965, Taxonomic revision of certain Discorbacea and Orbitoidacea (Foraminifera): *Tulane Studies in Geology*, v. 3, no. 3, p. 149-164.
- SLITER, W. V., 1965, Laboratory experiments on *Rosalina columbiana* (Cushman) (abs.): *Bulletin of the American Association of Petroleum Geologists*, v. 49, no. 10, p. 1767.
- DOUGLAS, R., and SLITER, W. V., 1966, Regional distribution of some Cretaceous Rotaliporidae and Globotruncanidae (Foraminifera) within North America: *Tulane Studies in Geology*, v. 4, no. 3, p. 89-131.
- DOUGLAS, R., and SLITER, W. V., 1966, Distribution of Late Cretaceous Rotaliporidae and Globotruncanidae in California and northwestern Mexico: *Bulletin of the American Association of Petroleum Geologists*, v. 50, no. 3, Part 1, p. 611.
- SLITER, W. V., 1966, Upper Cretaceous foraminifera from Southern California and northwestern Baja California, Mexico: Ph.D. dissertation, University of California, Los Angeles, Los Angeles, CA, United States, 554 p.
- SLITER, W. V., 1968, Shell material variation in the agglutinated foraminifer *Trochammina pacifica* Cushman: *Tulane Studies in Geology*, v. 6, no. 2, p. 80-84.
- SLITER, W. V., 1968, Upper Cretaceous Foraminifera from southern California and northwestern Baja California, Mexico: *University of Kansas Paleontological Contributions, Paper*, 141 p.
- SLITER, W. V., 1970, *Bolivina doniezi* Cushman and Wickenden in clone culture: *Contributions from the Cushman Foundation for Foraminiferal Research*, v. 21, Part 3, p. 87-99.
- SLITER, W. V., 1970, Inner-neritic Bolivinitidae from the eastern Pacific margin: *Micropaleontology*, v. 16, no. 2, p. 155-174.
- SLITER, W. V., 1971, Predation on benthic foraminifers: *Journal of Foraminiferal Research*, v. 1, no. 1, p. 20-29.
- BEARD, J. H., SLITER, W. V., and SMITH, L. A., 1972, Late Neogene

* The editors would like to thank I. Premoli Silva and K. McDougall for their help in compiling the bibliography list.

- Stratigraphy (Foraminiferal, Coccolith, and Paleomagnetic), Upper Coastal Group, Jamaica, West Indies: *The American Association of Petroleum Geologists Bulletin*, v. 56, p. 603.
- SLITER, W. V., 1972, Cretaceous foraminifers; depth habitats and their origin: *Nature (London)*, v. 239, no. 5374, p. 514.
- SLITER, W. V., 1972, Upper Cretaceous planktonic foraminiferal zoogeography and ecology-eastern Pacific margin Eastern Pacific plankton biostratigraphy and palaeoecology: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 12, no. 1-2, p. 15-31.
- SLITER, W. V., and BAKER, R. A., 1972, Cretaceous bathymetric distribution of benthic foraminifers: *Journal of Foraminiferal Research*, v. 2, no. 4, p. 167-181.
- SLITER, W. V., 1973, Upper Cretaceous foraminifers from the Vancouver Island area, British Columbia, Canada: *Journal of Foraminiferal Research*, v. 3, no. 4, p. 167-186.
- HOPKINS, W. S., JR., SLITER, W. V., and UYENO, T. T., 1974, Correlations and identifications of fossils; Devonian, Cretaceous and Tertiary assemblages (palyonormorphs, foraminifers, conodonts): Biostratigraphic determinations of fossils from the subsurface of the Northwest and Yukon Territories: Paper—Geological Survey of Canada, v. 74-11, p. 6.
- SLITER, W. V., 1974, Test ultrastructure of some living benthic foraminifers: *Lethaia*, v. 7, no. 1, p. 5-16.
- BRIDEAUX, W. W., CHAMNEY, T. P., DUNAY, R. E., FRITZ, W. H., HOPKINS, W. S., JR., JELETZKY, J. A., MCGREGOR, D. C., NORFORD, B. S., NORRIS, A. W., PEDDER, A. E. H., SHERRINGTON, P. F., SLITER, W. V., SWEET, A. R., UYENO, T. T., and WATERHOUSE, J. B., 1975, Biostratigraphic determinations of fossils from the subsurface of the districts of Franklin and Mackenzie: Paper—Geological Survey of Canada, v. 74-39, p. 19.
- SLITER, W. V., 1975, Foraminiferal life and residue assemblages from Cretaceous slope deposits: *Geological Society of America Bulletin*, v. 86, no. 7, p. 897-906.
- SLITER, W. V., BÉ, A. W. H., and BERGER, W. H., (eds.), 1975, Dissolution of Deep-sea Carbonates: Cushman Foundation for Foraminiferal Research, Special Publication No. 13, 159 p.
- JONES, D. L., SLITER, W. V., and POPENOE, W. P., 1976, Mid-Cretaceous (Albian to Turonian) biostratigraphy of northern California Evenements de la partie moyenne du Crétacé; rapports sur la biostratigraphie des régions cles: Meeting of the Working Group of the IUGS-UNESCO project "Mid-Cretaceous Events" of the International Geological Correlation Programme, v. 4, p. XXII.1-XXII.13.
- PAUL, R. G., ARNAL, R. E., BAYSINGER, J. P., CLAYPOOL, G. E., BOLLE, J. L., LUBECK, C. M., PATTERSON, J. M., FOOTE, R. E., SLETTENE, R. L., SLITER, W. V., TAYLOR, J. C., TUDOR, R. B., and WEBSTER, F. L., 1976, Geological and operational summary, southern California deep stratigraphic test OCS-CAL No. 1, Cortes Bank area offshore Southern California: Open-File Report—U.S. Geological Survey, 65 p.
- PELUM, C. E., FRERICHS, W. E., and SLITER, W. V., (eds.), 1976, Gulf of Mexico deep-water foraminifers: Cushman Foundation for Foraminiferal Research Special Publication No. 14, 108 p.
- BARKER, P. F., DALZIEL, I. W. D., DINKELMAN, M. G., ELLIOT, D. H., GOMBOS, A. M., JR., LONARDI, A., PLAFKER, G., TARNEY, J., THOMPSON, R. W., TJALSMA, R. C., VON DER BORCH, C. C., WISE, S. W., JR., HARRIS, W. K., and SLITER, W. V., 1977, Evolution of the southwestern Atlantic Ocean basin; results of Leg 36, Deep Sea Drilling Project: Initial Reports of the Deep Sea Drilling Project, v. 36, p. 993-1014.
- BARKER, P. F., DALZIEL, I. W. D., DINKELMAN, M. G., ELLIOT, D. H., GOMBOS, A. M., JR., LONARDI, A., PLAFKER, G., TARNEY, J., THOMPSON, R. W., TJALSMA, R. C., VON DER BORCH, C. C., WISE, S. W., JR., HARRIS, W. K., and SLITER, W. V., 1977, Site 327: Initial Reports of the Deep Sea Drilling Project, v. 36, p. 27-86.
- BARKER, P. F., DALZIEL, I. W. D., DINKELMAN, M. G., ELLIOT, D. H., GOMBOS, A. M., JR., LONARDI, A., PLAFKER, G., TARNEY, J., THOMPSON, R. W., TJALSMA, R. C., VON DER BORCH, C. C., WISE, S. W., JR., HARRIS, W. K., and SLITER, W. V., 1977, Site 330: Initial Reports of the Deep Sea Drilling Project, v. 36, p. 207-257.
- CIESIELSKI, P. F., SLITER, W. V., WIND, F. H., and WISE, S. W., JR., 1977, Paleoenvironmental analysis and correlation of a Cretaceous Islas Orcadas core from the Falkland Plateau, southwest Atlantic: *Marine Micropaleontology*, v. 2, no. 1, p. 27-34.
- LANCELOT, Y., WINTERER, E. L., BOSELLINI, A., MELGUEN, M., PRICE, I., SCHLAGER, W., BOYCE, R. E., SLITER, W., VINCENT, E., CEPEK, P., WESTBERG, J., GALIMOV, E. M., TAGUCHI, K., FRITZ, D., and BOUTEFEU, A. G., 1977, In the Atlantic: documenting early rifting: *Geotimes*, v. 22, no. 4, p. 24-27.
- POORE, R. Z., SLITER, W. V., and LINK, M. H., 1977, Lower Tertiary biostratigraphy of the northern Santa Lucia Range, California: *Journal of Research of the U.S. Geological Survey*, v. 5, no. 6, p. 735-745.
- SLITER, W. V., 1977, Cretaceous benthic foraminifers from the western South Atlantic Leg 39, Deep Sea Drilling Project: Initial Reports of the Deep Sea Drilling Project, v. 39, p. 657-697.
- SLITER, W. V., 1977, Cretaceous foraminifers from the southwestern Atlantic Ocean, Leg 36, Deep Sea Drilling Project: Initial Reports of the Deep Sea Drilling Project, v. 36, p. 519-573.
- SLITER, W. V., 1979, Cretaceous foraminifers from La Jolla, California in Abbott, P. L., (ed.), *Geological excursions in the Southern California area*, p. 171-172.
- SLITER, W. V., 1979, Cretaceous foraminifers from the North Slope of Alaska: in Ahlbrandt, T. S., (ed.), *Preliminary geologic, petrologic, and paleontologic results of the study of Nanushuk Group rocks, North Slope, Alaska*: U.S. Geological Survey Circular, p. 147-157.
- SLITER, W., 1980, Mesozoic foraminifers and deep sea benthic environments from Deep Sea Drilling Project sites 415 and 416, eastern North Atlantic: in Lancelot, Y., Winterer, E.L., and Scientific Party, Initial Reports of the Deep Sea Drilling Project, v. 50, p. 353-370.
- SLITER, W. V., 1980, Memorial; Orville Lee Bandy (1917-1973), in Sliter, W. V., (ed.), *Studies in marine micropaleontology and paleoecology; a memorial volume to Orville L. Bandy*: Cushman Foundation for Foraminiferal Research, Special Publication No. 19 p. 7-15.
- SLITER, W. V., (ed), 1980, *Studies in marine micropaleontology and paleoecology; a memorial volume to Orville L. Bandy*: Cushman Foundation for Foraminiferal Research Special Publication No. 19, 300 p.
- VINCENT, E., CEPEK, P., SLITER, W., WESTBERG, M. J., and GARTNER, S., 1980, Biostratigraphy and depositional history of the Moroccan Basin, eastern North Atlantic, Deep Sea Drilling Project Leg 50 in Lancelot, Y., Winterer, E.L., and Scientific Party: Initial Reports of the Deep Sea Drilling Project, v. 50, p. 775-800.
- VINCENT, E., LEHMANN, R., SLITER, W., and WESTBERG, M. J., 1980, Calpionellids from the Upper Jurassic and Neocomian of Deep Sea Drilling Project Site 416, Moroccan Basin, eastern North Atlantic, in Lancelot, Y., Winterer, E. L., and Scientific Party: Initial Reports of the Deep Sea Drilling Project, v. 50, p. 439-465.
- PREMOLI SILVA, I., and SLITER, W. V., 1981, Cretaceous planktonic foraminifers from the Nauru Basin, Leg 61, Site 462, western equatorial Pacific: in Larson, R. L., Schlanger, S. O., and Scientific Party, Initial Reports of the Deep Sea Drilling Project, v. 61, p. 423-437.
- SLITER, W. V., 1981, Albian foraminifers from the Lower Cretaceous Christopher Formation of the Canadian Arctic Islands: in Kennedy, M., (ed.), *Contributions to Canadian paleontology, Geological Survey of Canada Bulletin 300*, p. 41-70.
- WISE, S. W., CIESIELSKI, P. F., MACKENZIE, D. T., WIND, F. H., BUSEN, K. E., GOMBOS, A. M., HAQ, B. U., LOHMANN, G. P., TJALSMA, R. C., HARRIS, W. K., HEDLUND, R. W., BEJU, D. N., JONES, D. L., PLAFKER, G., and SLITER, W. V., 1982, Paleontologic and paleoenvironmental synthesis for the southwest Atlantic Ocean based on Jurassic to Holocene faunas and floras from the Falkland Plateau: in Craddock, C., (ed.), *Antarctic Geoscience: Third symposium on Antarctic Geology and Geophysics*, v. 4, p. 155-163.
- LIPPS, J. H., DOUGLAS, R. G., and SLITER, W. V., 1983, The 1982 Joseph A. Cushman awards; Helen Tappan and Alfred R. Loeblich, Jr.: *Journal of Foraminiferal Research*, v. 13, no. 3, p. 151-153.
- MOBERLY, R., SCHLANGER, S. O., BALTUCK, M., BERGEN, J. A., DEAN, W., FLOYD, P. A., FUJII, N., HAGGERTY, J. A., OGG, J. G., PREMOLI-SILVA, I., SCHAAP, A., SCHAEFER, R. G., SLITER, W.

- V., and WHITMAN, J. M., 1983, The Mesozoic superocean: Nature (London), v. 302, no. 5907, p. 381.
- HARBERT, W. P., McLAUGHLIN, R. J., SLITER, W. V., and BLAKE, M. C., JR. (ed.), 1984, Paleomagnetic and tectonic interpretation of the Parkhurst Ridge Limestone, Coastal Belt Franciscan, Northern California Franciscan geology of Northern California: Field Trip Guidebook-Pacific Section, Society of Economic Paleontologists and Mineralogists, v. 43, p. 175-183.
- SLITER, W. V., 1984, Foraminifers from Cretaceous limestone of the Franciscan Complex, Northern California: in Blake, M.C., Jr., (ed.), Franciscan geology of Northern California, Field Trip Guidebook-Pacific Section, Society of Economic Paleontologists and Mineralogists, v. 43, p. 149-162.
- SLITER, W. V., JONES, D. L., and THROCKMORTON, C. K., 1984, Age and correlation of the Cretaceous Hornbrook Formation, California and Oregon: in Nilsen, T.H., (ed.), Geology of the Upper Cretaceous Hornbrook Formation, Oregon and California, 1984 field trip of the Pacific Section of the Society of Economic Paleontologists and Mineralogists; Geology of the Upper Cretaceous Hornbrook Formation, Oregon and California, v. 42, p. 89-98.
- SLITER, W. V., and PREMOLI SILVA, I., 1984, Autochthonous and displaced (allochthonous) Cretaceous benthic foraminifers from Deep Sea Drilling Project Leg 77, sites 535, 536, 537, 538, and 540, Gulf of Mexico: in Buffler, R.T., Schlager, W., and Scientific Party, Initial Reports of the Deep Sea Drilling Project, v. 77, p. 593-627.
- TARDUNO, J. A., McWILLIAMS, M. O., DEBICHE, M. G., SLITER, W. V., and BLAKE, M. C., JR., 1985, Franciscan Complex Calera limestones; accreted remnants of Farallon Plate oceanic plateaus: Nature (London), v. 317, no. 6035, p. 345-347.
- PREMOLI SILVA, I., and SLITER, W. V., 1986, Late Aptian and Cenomanian-Turonian planktonic foraminifers from Deep Sea Drilling Project Site 585, Leg 89, East Mariana Basin: in Moberly, R., Schlanger, S.O., and Scientific Party, Initial Reports of the Deep Sea Drilling Project, v. 89, p. 297-309.
- SLITER, W. V., 1986, Maastrichtian foraminifers from near Lake Nacimiento, California; their paleoenvironmental interpretation and regional correlation Geology of Upper Cretaceous and lower Tertiary rocks near Lake Nacimiento, California in Grove, K., and Graham, S., (eds.), Field Trip Guidebook—Pacific Section: Society of Economic Paleontologists and Mineralogists, v. 49, p. 17-24.
- SLITER, W. V., McLAUGHLIN, R. J., KELLER, G., and EVITT, W. R., 1986, Paleogene accretion of Upper Cretaceous oceanic limestone in Northern California: Geology (Boulder), v. 14, no. 4, p. 350-353.
- SLITER, W. V., 1986, Cretaceous redeposited benthic foraminifers from Deep Sea Drilling Project Site 585 in the East Mariana Basin, western Equatorial Pacific, and implications for the geologic history of the region: in Moberly, R., Schlanger, S. O., and Scientific Party, Initial Reports of the Deep Sea Drilling Project, v. 89, p. 327-361.
- TARDUNO, J. A., McWILLIAMS, M., SLITER, W. V., COOK, H. E., BLAKE, M. C., JR., and PREMOLI-SILVA, I., 1986, Southern Hemisphere origin of the Cretaceous Laytonville Limestone of California: Science, v. 231, no. 4744, p. 1425-1428.
- BROUWERS, E. M., CLEMENS, W. A., SPICER, R. A., AGER, T. A., CARTER, L. D., and SLITER, W. V., 1987, Dinosaurs on the North Slope, Alaska; high latitude, latest Cretaceous environments: Science, v. 237, no. 4822, p. 1608-1610.
- SLITER, W. V., 1988, Plankton stratigraphy; book review: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 65, no. 3-4, p. 271-274.
- THRUPP, G. A., SLITER, W. V., SILVER, E. A., PIGRAM, C. J., PRASETYO, H., and COE, R. S., 1988, Paleomagnetism of Late Cretaceous calcareous sediments from the Misool Archipelago, Irian Jaya: Ninth Australian Geological Convention: Achievements in Australian Geoscience, v. 21, p. 401-402.
- OKADA, H., TARDUNO, J. A., NAKASEKO, K., NISHIMURA, A., SLITER, W. V., and OKADA, H., 1989, Microfossil assemblages from the Late Jurassic to Early Cretaceous Nikoro pelagic sediments, Tokoro Belt, Hokkaido, Japan: Memoirs of the Faculty of Science, Kyushu University, Series D: Geology, v. 26, no. 3, p. 193-214.
- SLITER, W. V., 1989, Aptian anoxia in the Pacific Basin: Geology (Boulder), v. 17, no. 10, p. 909-912.
- SLITER, W. V., 1989, Biostratigraphic zonation for Cretaceous planktonic foraminifers examined in thin section: Journal of Foraminiferal Research, v. 19, no. 1, p. 1-19.
- TARDUNO, J. A., SLITER, W. V., BRALOWER, T. J., McWILLIAMS, M., PREMOLI-SILVA, I., and OGG, J. G., 1989, M-sequence reversals recorded in DSDP sediment cores from the western Mid-Pacific Mountains and Magellan Rise: Geological Society of America Bulletin, v. 101, no. 10, p. 1306-1316.
- SLITER, W. V., and PREMOLI SILVA, I., 1990, Age and origin of Cretaceous planktonic foraminifers from limestone of the Franciscan Complex near Laytonville, California: Paleoceanography, v. 5, no. 5, p. 639-667.
- STORMS, M. A., NATLAND, J. H., BRASS, G. W., BROWN, G. R., FAY, J.-B., FOSS, G. N., HOLLOWAY, G. L., HOWARD, S. P., KREHL, D., LUY, R. B., MCKINNON, C. N., JR., MORDAUNT, B. D., PREMOLI-SILVA, I., RACK, F., REUDELUBER, D. H., SLITER, W. V., VAN WAASBERGEN, R. J., and ZAITSU, M., 1990, Ocean Drilling Program; getting the bit below the ridge: Nature (London), v. 347, no. 6294, p. 619.
- JOHNSON, L. E., FRYER, P., TAYLOR, B., SILK, M., JONES, D. L., SLITER, W. V., ITAYA, T., and ISHII, T., 1991, New evidence for crustal accretion in the outer Mariana fore arc; Cretaceous radiolarian cherts and mid-ocean ridge basalt-like lavas: Geology (Boulder), v. 19, no. 8, p. 811-814.
- OKADA, H., TARDUNO, J. A., NAKASEKO, K., NISHIMURA, A., and SLITER, W. V., 1991, Reexamination of the age of the uppermost sequence of the Sorachi Group in its type area, Hokkaido, Japan: Memoirs of the Faculty of Science, Kyushu University, Series D: Geology, v. 27, no. 1, p. 1-13.
- TARDUNO, J. A., SLITER, W. V., KROENKE, L. W., LECKIE, R. M., MAYER, H., MAHONEY, J. J., MUSGRAVE, R. J., STOREY, M., and WINTERER, E. L., 1991, Rapid formation of Ontong Java Plateau by Aptian mantle plume volcanism: Science, v. 254, no. 5030, p. 399-403.
- WINTERER, J., McLEAN, D., OFFICER, C. B., RAMPINO, M. R., SLITER, W. V., and WISE, S. W., JR., 1991, Global paleoceanography, paleoclimate, and paleoenvironment; disciplinary working group report Large igneous provinces: in JOI/USSAC workshop report; Large igneous provinces, Woods Hole, MA, United States, p. 47-57.
- CLENDENEN, W. S., SLITER, W. V., and BYRNE, T., 1992, Tectonic implications of the Albatross sedimentary sequence, Sitkinak Island, Alaska, in Bradley, D. C., and Ford, A. B. (ed.), Geologic studies in Alaska by the U.S. Geological Survey, 1990: U.S. Geological Survey Bulletin, p. 52-70.
- SLITER, W. V., and MCGANN, M. L., 1992, Age and correlation of the Calera Limestone in the Permanente Terrane of Northern California: Open-File Report—U.S. Geological Survey, 27 P.
- TARDUNO, J. A., LOWRIE, W., SLITER, W. V., BRALOWER, T. J., and HELLER, F., 1992, Reversed polarity characteristic magnetizations in the Albian Contessa section, Umbrian Apennines, Italy; implications for the existence of a Mid-Cretaceous mixed polarity interval: Journal of Geophysical Research, B, Solid Earth and Planets, v. 97, no. 1, p. 241-271.
- BAUDIN, F., ARNAUD, H., SAGER, W. W., WINTERER, E. L., FIRTH, J., BAKER, P. E., BRALOWER, T., CASTILLO, P., COOPER, P., FLOOD, P. G., GOLOVCHENKO, X., IRYU, Y., IVANOV, M., JENKYN, H. C., KENTER, J. A. M., MURDMAA, I. O., MUTTERLOSE, J., NOGI, Y., PAULL, C. K., POLGREEN, E., ROEHL, U., SLITER, W. V., STRASSER, A., SWINBURNE, N. H. M., TARDUNO, J. A., and VAN WAASBERGEN, R., 1993, Atolls et guyots du Pacifique nord-ouest; resultats preliminaires du Leg ODP 143; Northwest Pacific atolls and guyots; preliminary results from ODP Leg 143: Comptes Rendus de l'Academie des Sciences, Serie 2, Mecanique, Physique, Chimie, Sciences de l'Univers, Sciences de la Terre, v. 316, no. 4, p. 505-511.
- BRALOWER, T. J., SLITER, W. V., ARTHUR, M. A., LECKIE, R. M., ALLARD, D., and SCHLANGER, S. O., 1993, Dysoxic/anoxic episodes in the Aptian-Albian (Early Cretaceous): in Pringle, M. S., Sager, W. W., Sliter, W. V., and Stein, S. (eds.), The Mesozoic Pacific; geology, tectonics, and volcanism, Geophysical Monograph, v. 77, p. 5-37.

- CORFIELD, R. M., SLITER, W. V., PREMOLI SILVA, I., TARDUNO, J. A., SCHMITT, R. A., LIU, Y.-G., WISE, S. W., JR., MAO, S., CARLIDGE, J. E., and BERGER, W. H., 1993, Synthesis of Cretaceous/Tertiary boundary studies at Hole 807C: *in* Berger, W. H., Kroenke, L. W., Janecek, and the Scientific Party, Proceedings of the Ocean Drilling Program, Scientific Results, v. 130, p. 745–751.
- HEIN, J. R., YEH, H.-W., GUNN, S. H., SLITER, W. V., BENNINGER, L. M., and WANG, C.-H., 1993, Two major Cenozoic episodes of phosphogenesis recorded in Equatorial Pacific seamount deposits: *Paleoceanography*, v. 8, no. 2, p. 293–311.
- PRINGLE, M. S., SAGER, W. W., SLITER, W. V., and STEIN, S., (eds.), 1993, *The Mesozoic Pacific; geology, tectonics, and volcanism: Geophysical Monograph*, v. 77, 435 p.
- SAGER, W., WINTERER, E., FIRTH, J., ARNAUD, H., BAKER, P., BAUDIN, F., BRALOWER, T., CASTILLO, P., COOPER, P., FLOOD, P., GOLOVCHENKO, X., IRYU, Y., IVANOV, M., JENKYN, H., KENTER, J., MURDMAA, I., MUTTERLOSE, J., NOGI, Y., PAULL, C., POLGREEN, E., RUEHL, U., SLITER, W., STRASSER, A., SWINBURNE, N., TARDUNO, J., and VAN WAASBERGEN, R., 1993, Examining guyots in the Mid-Pacific Mountains: *Eos, Transactions, American Geophysical Union*, v. 74, no. 17, p. 201, 205–206.
- SLITER, W. V., and LECKIE, R. M., 1993, Cretaceous planktonic foraminifers and depositional environments from the Ontong Java Plateau with emphasis on Sites 803 and 807: *in* Berger, W. H., Kroenke, L. W., Janecek, T. R., and the Scientific Party, Proceedings of the Ocean Drilling Program, Scientific Results, v. 130, p. 63–84.
- SLITER, W. V., MCDUGALL, K., MURCHEY, B. L., and KOHNEN, E. V., 1993, Mesozoic and Cenozoic microfossils from geologic units within the San Jose 1:100,000 Quadrangle, California: Open-File Report—U.S. Geological Survey, p. 119 (1 sheet).
- WINTERER, E. L., NATLAND, J. H., VAN WAASBERGEN, R. J., DUNCAN, R. A., McNUTT, M. K., WOLFE, C. J., PREMOLI SILVA, I., SAGER, W. W., SLITER, W. V., 1993, Cretaceous guyot in the Northwest Pacific; an overview of their geology and geophysics: *in* Pringle, M. S., Sager, W. W., Sliter, W. V. and Stein, S. (eds.), *The Mesozoic Pacific; geology, tectonics, and volcanism, Geophysical Monograph*, v. 77, p. 307–334.
- BRALOWER, T. J., ARTHUR, M. A., LECKIE, R. M., SLITER, W. V., ALLARD, D. J., and SCHLANGER, S. O., 1994, Timing and paleoceanography of oceanic dysoxia/anoxia in the late Barremian to early Aptian (Early Cretaceous): *Palaios*, v. 9, no. 4, p. 335–369.
- MCLAUGHLIN, R. J., SLITER, W. V., FREDERIKSEN, N. O., HARBERT, W. P., and McCULLOCH, D. S., 1994, Plate motions recorded in tectonostratigraphic terranes of the Franciscan Complex and evolution of the Mendocino triple junction, northwestern California: *U.S. Geological Survey Bulletin* 1997, 60 p.
- AALTO, K. R., MCLAUGHLIN, R. J., CARVER, G. A., BARRON, J. A., SLITER, W. V., and MCDUGALL, K., 1995, Uplifted Neogene margin, southernmost Cascadia-Mendocino triple junction region, California: *Tectonics*, v. 14, no. 5, p. 1104–1116.
- ARNAUD-VANNEAU, A., and SLITER, W. V., 1995, Early Cretaceous shallow-water benthic foraminifers and fecal pellets from Leg 143 compared with coeval faunas from the Pacific Basin, Central America, and the Tethys: *in* Winterer, E. L., Sager, W. W., Firth, J. V., and the Scientific Party, Proceedings of the Ocean Drilling Program, Scientific Results, v. 143, p. 537–564.
- BRALOWER, T. J., LECKIE, R. M., SLITER, W. V., and THIERSTEIN, H. R., 1995, An integrated Cretaceous microfossil biostratigraphy: *in* Berggren, W. A., Kent, D. V., Aubry, M.-P., and Hardenbol, J. (ed.), *Geochronology, time scales and global stratigraphic correlation, Special Publication—SEPM (Society for Sedimentary Geology)*, v. 54, p. 65–79.
- BRALOWER, T. J., ZACHOS, J. C., THOMAS, E., PARROW, M., PAULL, C. K., KELLY, D. C., PREMOLI SILVA, I., SLITER, W. V., and LOHMANN, K. C., 1995, Late Paleocene to Eocene paleoceanography of the Equatorial Pacific Ocean; stable isotopes recorded at Ocean Drilling Program Site 865, Allison Guyot: *Paleoceanography*, v. 10, no. 4, p. 841–865.
- JENKYN, H. C., MUTTERLOSE, J., and SLITER, W. V., 1995, Upper Cretaceous carbon- and oxygen-isotope stratigraphy of deep-water sediments from the north-central Pacific (Site 869, flank of Pukinini-Wodejebato, Marshall Islands): *in* Winterer, E. L., Sager, W. W., Firth, J. V., and Scientific Party, Proceedings of the Ocean Drilling Program, Scientific Results, v. 143, p. 105–108.
- LIPPS, J. H., INGLE, J. C., and SLITER, W. V., (eds.), 1995, *Forams '94; selected papers from the Fifth international symposium of Foraminifera: Fifth international symposium of Foraminifera*, v. 26, no. 1–4, 480 p.
- PREMOLI SILVA, I., and SLITER, W. V., 1995, Cretaceous planktonic foraminiferal biostratigraphy and evolutionary trends from the Bottaccione Section, Gubbio, Italy: *Palaeontographia Italica*, v. 82, p. 1–89.
- SLITER, W. V., 1995, Cretaceous planktonic foraminifers from sites 865, 866, and 869; a synthesis of Cretaceous pelagic sedimentation in the Central Pacific Ocean basin: *in* Winterer, E. L., Sager, W. W., Firth, J. V., and Scientific Party: Proceedings of the Ocean Drilling Program, Scientific Results, v. 143, p. 15–30.
- WINTERER, E. L., SAGER, W. W., WINTERER, E. L., SAGER, W. W., FIRTH, J. V., ARNAUD, H. M., BAKER, P. E., BAUDIN, F., BRALOWER, T. J., CASTILLO, P. R., COOPER, P. A., FLOOD, P. G., GOLOVCHENKO, X., IRYU, Y., IVANOV, M. K., JENKYN, H. C., KENTER, J. A. M., MURDMAA, I. O., MUTTERLOSE, J., NOGI, Y., PAULL, C. K., POLGREEN, E. L., ROEHL, U., SLITER, W. V., STRASSER, A., SWINBURNE, N. H. M., TARDUNO, J. A., VAN WAASBERGEN, R. J., and STEWART, S. K. E., 1995, Synthesis of drilling results from the Mid-Pacific Mountains; regional context and implications: Proceedings of the Ocean Drilling Program, Scientific Results, v. 143, p. 497–535.
- ABBOTT, L. D., SILVER, E. A., ANDERSON, R. S., SMITH, R., INGLE, J. C., KING, S. A., HAIG, D. W., SMALL, E. E., GALEWSKY, J., and SLITER, W. V., 1997, Measurement of tectonic surface uplift rate in a young collisional mountain belt: *Nature (London)*, v. 385, no. 6616, p. 501–507.
- SLITER, W. V., 1999, Cretaceous planktic foraminiferal biostratigraphy of the Caleca Limestone, northern California: *Journal of Foraminiferal Research*, v. 29, p. 318–339.
- BRALOWER, T. J., COBABB, E., CLEMENT, B., SLITER, W. V., OSBURN, C. L., and LONGORIA, J., 1999, The record of global change in mid-Cretaceous (Barremian-Albian) sections from the Sierra Madre, northeastern Mexico: *Journal of Foraminiferal Research*, v. 29, p. 418–437.
- CRESPO DE CABRERA, S., SLITER, W. V., and JARVIS, I., 1999, Integrated foraminiferal biostratigraphy of the Querecual Formation (Cretaceous), Eastern Venezuela: *Journal of Foraminiferal Research*, v. 29, p. 487–499.