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BIBLIOGRAPHY
ON
DIVING AND DIVER SAFETY
FOR A
SCIENTIFIC DIVING PROGRAM

by

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INTRODUCTION

Most people think of scuba diving as a recreational activity best pursued in tropical waters, and of diving with surface-supplied air as strictly a commercial or military operation. However, both surface-supplied and, especially, scuba diving are techniques used extensively by research personnel in scientific and academic institutions.* Scuba is useful for observing instrumentation in place, servicing data-gathering instruments, making population surveys, retrieving apparatus, and collecting specimens too fragile or elusive for other methods. Surface-supplied diving is frequently used in situations where communication with the diver is necessary or where a stationary observer is needed for a longer period of time.

Because of the nature of the diving and the parent institution's supervisory relationship with the divers, the diving program in a scientific institution must be regulated by a Diving Control Board and directly supervised by a Diving Safety Officer (DSO). The DSO evaluates new divers and issues certifications, keeps extensive records, frequently purchases and cares for institutional equipment, and often teaches new candidates how to dive. Besides being a highly experienced diver, he/she is often a certified instructor (affiliated by one or more of the national diver training organizations) as well.

In order to fulfill these responsibilities, the DSO needs information. In addition to equipment repair manuals and catalogs, the DSO and other scientific divers need access, either in the DSO's office, or easily accessible within the institution's library system, to a broad range of books, reports, and journals covering all aspects of diving.

Diving, scientific diving, and diver safety are specialized subject matter areas, not generally well-represented in even the largest of academic libraries. This lack of material occurs, not only because of the limited audience of the subject matter, but also because of difficulties in locating specific items to include in the collection. Many of the books on diving are published by small presses, perhaps even by the author her(him)self. They may not appear in standard indexes such as Books in Print, Cumulative Book Index, or even in the OCLC (Online computer Library Center) database. A number of the books which should be a part of any diving library are now officially out of print. The publication of this bibliography is an attempt to overcome at least some part of these problems.

*Note: The terms scientific and research institution are used here to denote an organization or facility engaged in scientific diving, as defined by the American Academy of Underwater Sciences and the U.S. Occupational Safety and Health Administration (OSHA). They do not include those institutions whose diving programs are confined to physical education courses and recreational activities.

The goal of this bibliography is not to be overly selective, but rather to outline a comprehensive collection on the subject. Items should be considered not only for their value at the moment, but also from the point of view of their historical worth in the future. Diving is a rapidly changing field, and even a quick glance through successive editions of a recreational diving text can be an eye-opener, as well as enabling some prediction of where the field is headed in the future. While intended to serve a program of scientific diving, the bibliography should also prove useful to others wishing to build a comprehensive collection on the subject.

Both serials and books are included. No attempt has been made to separate out-of-print items, some of which may already be owned by the institution, or in the private collections of some of the institution's divers. Items are grouped in broad subject areas corresponding to various aspects of the diving program. The listings are geographically biased toward the northeastern United States, and institutions in other regions should make necessary adjustments. ISBN, ISSN, and/or LC numbers are given where known. Prices shown are those current at the time of the item's publication and may no longer hold. For further information on how to develop a special collection on scientific diving and on the specific subject matter groups, the reader is referred to "The Diving Locker as Library: Building a Special Collection on Diving and Diver Safety for a Scientific Diving Institution" (Rioux, in press).

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