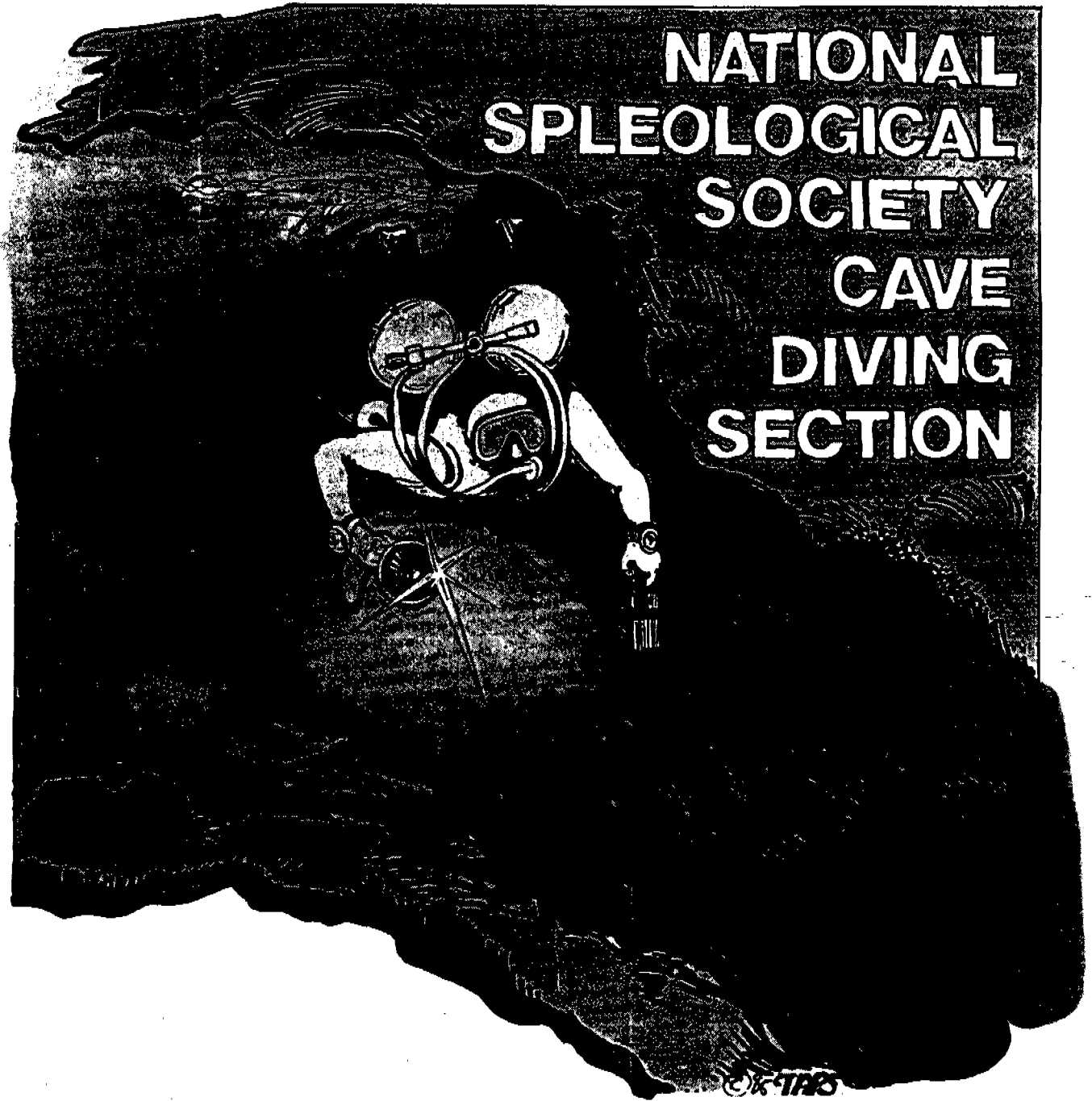




# UNDERWATER SPELEOLOGY

VOLUME TWELVE, NUMBER TWO



CAVE DIVING SECTION OF THE  
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1985 SPRING CAVE DIVING SECTION WORKSHOP

The Spring Cave Diving Section Workshop was held in Branford, FL at the Branford High School, Saturday, May 25. The Workshop was co-chaired by Jack Evans of Winter Park and Dr. Milledge Murphey of Gainesville.

Morning speakers included Steve Ormeroid on Mine Diving, Milledge Murphey on his Psychological Survey of Cave Divers, Shek Exley on Cathedral Caverns/Falmouth Springs, Wes Skiles on the Puerto Rico/Encantado Expedition, and Mark Leonard, who gave the Abe Davis Cave Diving Safety Awards.

In the afternoon, Steve Gerrard spoke on the Role of the NACD Today, Henry Nicholson gave a report on the Search and Recovery Operation in Jamaica, John Crea reported on the Vortex Springs drowning; then there were several small rotating workshops: Wes Skiles on Line-laying Technique and Protocol, Roger Werner on Reel and Light Characteristics and Design Features, Wayne Marshall on Propulsion Techniques, and Mark Leonard on Specialized Cave Diving Lights.

After dinner there were drawings for prizes donated by Dive-Rite Manufacturing Co., Ginnie Springs, and Branford Dive Center. There were two slide shows by Steve Straatsma and Wes Skiles, followed by the shortest board meeting in CDS history and a party at Wes Skiles' house. Registration for the Workshop was 66.

On Sunday there was a Rescue/Recovery Seminar conducted by Henry Nicholson at Ginnie Springs.

Underwater Speleology is the official news-letter of the Cave Diving Section of the National Speleological Society, Inc. Section membership, which includes subscription to the newsletter, is open to all members in good standing of the NSS at \$5 per year. Subscriptions for non-members are \$7 per year. Membership/subscription information, applications, and status may be obtained by writing to the Secretary/Treasurer:

Joe Prosser, Treasurer NSS-CDS  
P.O. Box 950  
Branford, FL 32008-0950

All current news items, reports, articles, photographs, and other submissions for the newsletter should be sent directly to the editor:

H.V. Grey, NSS-CDS Publications  
P.O. Box 575  
Venice, FL 34284-0575  
bus (813) 484-8150  
res (813) 488-4672

COVER: One of the two new T-shirt designs created by Terri Skiles (TAPS Graphic Designs). Approximately 5 dozen short and long-sleeved shirts were printed in two-color process by Terri for the workshop, and another 5 of a second design will be available shortly from Publications. More information on page 8.

PRESS DATE: JUNE 4, 1985

IMPORTANT!NEW SECTION ADDRESS

P.O. Box 950, Branford, FL 32008-0950 has been established as the new official, permanent address for the Cave Diving Section, in order to provide some continuity and stability in the years to come. In the past, the official mailing address has changed as the officers have changed, but this has created some difficulties; Steve Maegerlein still receives inquiries.

All official correspondence to the Section can be addressed to the Branford Post Office Box, and it will be forwarded to the appropriate board member or program coordinator. Wes Skiles and Joe Prosser both have keys, and the box is checked several times every week.

However, to avoid forwarding delays, you can call or write directly to the board members or coordinators involved. This is especially important for publications requests and news-letter items, which should be sent directly to H.V. Grey. (Joe Prosser asks that all official, "non-urgent" business be addressed to him at the Branford POB rather than to his address in Miami.)

ELECTION RESULTS

At the General Meeting following the 1984 Winter Workshop it was announced that Jeffrey Bozanic, Wayne Marshall, and Joe Prosser had been elected to fill two-year positions (1985-6) on the Board of Directors. It was also determined by internal vote of the Board that Joe Prosser would serve as Secretary-Treasurer. The other four board-of-director positions will come up for election at the end of this year.

B.O.D. DECISION CONCERNING THE NEWSLETTER

It was established at the General Meeting at the end of the May 25th Spring Workshop, that there would be a change in the newsletter format policy. There are to be two separate kinds of publications included in the membership and subscription benefits: one, an annual high-quality journal, as yet untitled, comprising scientific and technical articles, which is to be edited by Wayne Marshall; the other, Underwater Speleology, comprising news items, reports of official board activities, short articles of current interest, etc., which is to appear no less than once every two months. Responsibility for Underwater Speleology has been assigned jointly to Publications and the Secretary-Treasurer. Joe has made arrangements to have the membership list maintained and mailings handled by a company in Miami which specializes in this service. After that becomes operational Joe will be handling that aspect of newsletter production and we will be back to the 6¢/piece bulk-mailing rate. All address corrections and questions concerning membership/subscription status should be directed to Joe. All articles and news items should be sent to Publications. (Short news items can be called in over the phone to H.V. Grey. Bus (813)484-8150, res (813) 488-4672. Okay to call after 11pm.)

Members of the Rescue/Recovery Team are reminded to notify the National Crime Information Center within 24 hours of any change in address or telephone numbers. The NCIC number is:

(904) 633-4159

NACD HALF-DAY MINI-WORKSHOP AND GENERAL MEMBERSHIP MEETING.

A half-day mini-workshop has been scheduled by the NACD for the morning of Saturday, July 13 at the Branford Women's Center in Branford, FL. It is slated to start at 8:30am and last until 12:30 pm; the schedule will be finalized by June 10. There will be no charge for admission. The afternoon will be held open for diving, and then at 6:30pm there will be a social dinner at the Suwannee River Cove Restaurant. At 8pm there will be a General Membership meeting, which all NACD members are encouraged to attend. The public is cordially invited to both the morning mini-workshop and the social dinner. For more information contact:

GEORGE BORTNYK, NACD V-Pres.  
13938 85th Terrace North  
Seminole, FL 33542  
(813) 391-9077 (evenings)

NACD CAVE/CAVERN WORKSHOP FOR OPEN-WATER INSTRUCTORS

The NACD will be sponsoring its 4th Bi-Annual Cave & Cavern Diving Orientation Course for Scuba Instructors, Diving Leaders and Those Divers of Advanced Training, on Oct. 26-7.

The primary purpose of the workshop is to impress upon open-water diving instructors the need for specialized training, and to discuss the best approach to take with sport divers and diving students regarding cave and cavern diving.

The first day will involve morning and evening lectures, and water-work at Manatee Springs. The second day will feature additional lectures and water-work at Ginnie Springs. The Workshop fee is \$60 for those pre-registering by mail, and \$75 at the workshop. For more information contact Steve Gerrard, Workshop Chairman, at the address listed above.

WINTER WORKSHOP CO-CHAIRMEN SELECTED

Mark Long and Wes Skiles have volunteered to jointly chair the upcoming Cave Diving Section Winter Workshop. A theme has not yet been selected, but will be announced along with other pertinent information in future issues of UWS. All inquiries and suggestions should be addressed to Mark and Wes c/o the Section POB in Branford.

NEW DIVE SHOP IN LURAVILLE

A new dive shop called "Spring Systems Dive Center" has recently been opened in Luraville, FL (near Peacock Springs). The owners are K. Wayne Wingate and Arwyn Carr. Their mailing address is Rt. 5, Box 169-X, Live Oak, FL 32060. Phone: (904) 776-2310.

### LUCAYAN CAVERNS STATUS

According to Gene Melton of Titusville, FL, the Cave Advisory Group of the Bahamas National Trust met Feb. 15-17 in Freeport, Grand Bahama Island, to discuss recommendations for the management of Lucayan Caverns.

Present at the meeting were Gary Larson, Executive Director of the Bahamas National Trust; Dr. Kerry Clark, Cave Advisory Group Biologist; Dr. Janet Hirman, CAG Geologist; William Keegan, Archeologist; Gene Melton, Credentials; Robert Stitt, Cave Conservationist; Mary Brooks, Sport Diving; Harold "Sonny" Waugh, Freeport Bahamas National Trust; Susan Holowesko, Educational Officer; and Ben Rose. The BNT Council subsequently met in Nassau March 30-31 and basically approved in principle the recommendations of the Advisory Group.

Also present at the March meeting in Nassau was Dr. Harold Eidsvic, Senior Policy Advisor to Parks Canada and Chairman of IUCN'S Commission on Canadian National Parks. He advised the Nassau participants that Lucayan Caverns is a potential "World Heritage Site." He pointed out that no management plan for an underwater cave in a national park has ever been drawn up, and that the decisions made concerning Lucayan Caverns would set up a precedent.

Gene says that the Lucayan Caverns Park has been set up as a really beautiful naturalist park. A walkway to the beach has been built over the mangroves and some native Bahamians have set up a small concession stand in the parking lot near the main cave entrance. He says that it makes for a very pleasant day at the beach.

A circular metal stairway has been installed in the main cave entrance. The cave will soon be open to pedestrians, snorkelers, and cavern divers on a very limited basis. However, the BNT first wants to establish baseline data on all aspects of the cave: the bat population, nutrients (the food chain), water-chemistry studies, etc. A BNT chair will be added for an Analyst to translate the baseline data into usable information. Gene Melton and Howard Cosgrove will be involved in the water clarity and chemistry studies, and Ben Rose will be in charge of evaluating the flora and fauna of the cave.

There will be a moratorium for at least another year on cave diving (no cave exploration permitted), until after all of the baseline studies have been completed. Research involving cave diving will continue to be permitted with the prior approval of the Cave Advisory Group, and "local" cave divers will be permitted to assist. The "Middle Line" and "Gene's Garden" are to be closed permanently (although there is some possibility that the Middle Line might be reopened); Gene's Garden is one of the few known habitats of Speleonectes lucayensis.

Cavern diving will be restricted to the main cavern (prohibited in the Burial Mound room) and limited to two days a week, with at least two days in between dives, and no more than six divers at one time. All cavern divers will be required to become members of the BNT (currently \$15/year) and dive-operation owners conducting trips will be required to pay an additional fee. At the present time non-commercial diving is to be limited to one weekend per month, although this can be changed if demand requires it. All cavern divers will have to be

accompanied by a guide approved by the BNT; Mary Brooks and Susan Lolowesko will be supervising this.

Snorkeling will be permitted Tues. through Sun. between 10am and 2pm.

Gene says that all the external improvements to the Park are due to the efforts of Project Raleigh, a program involving British and Bahamian youth. When asked his evaluation of the condition of the cave relative to three years ago, Gene said that it was greatly improved, and that the conservation efforts were steps in the right direction. (The total explored length of the cave now exceeds 34,000 ft.)

(Gene also reports that he and Dennis Williams dived four sites on Abaco Island in search of Speleo and other cave critters. The first three they dived turned out to be only shallow sinks, but the fourth Gene described as quite possibly the "prettiest cave dive on the planet." A few new species were found.)

(The Editor apologizes for any inaccuracies in this article. The information was taken over the phone; thanks, Gene, for the call! The editor encourages calls for reporting news items.)

### PEACOCK SPRINGS STATUS

The Nature's Conservancy has bought the land surrounding both Peacock and Bonnet Springs. It hopes ultimately to acquire the land downstream of Peacock all the way to the river. The State of Florida is apparently reluctant to take over responsibility for the property unless the Nature's Conservancy is able to purchase the entire slough area. So at the present time, things are still at something of a standstill in terms of State acquisition. (This information was communicated by Bill Fehring to Steve Ormeroid in conversation and reported by Steve at the May 25th General Meeting.)

Steve Ormeroid recommends that cave divers try to maintain an extremely low profile on the property. "No Trespassing" signs have not been posted, however, the land is definitely private property and divers are not openly invited. The Nature's Conservancy is primarily concerned with the conservation of the property, and not with cave divers' desire to dive.

Steve says that he cannot express strongly enough how much Nature's Conservancy officials were impressed by seeing divers picking up trash during a visit to inspect the property. Steve urges all cave divers to collect several pieces of trash each time they visit Peacock and to make every effort to discourage non-cavern or cave-certified divers from cave diving. The Orange Grove incident has apparently not had a negative effect on the powers that be in the Nature's Conservancy--so far.

Steve also recommends that this "policing" policy be extended to other popular cave-diving sites. Wes Skiles has repeatedly urged other cave divers to help keep open-water divers out of the cave zones at Devil's Eye during especially busy weekends. Manatee Springs has a "No Light" policy for open-water divers which we cave divers can help enforce.

OUTSTANDING SERVICE AWARD TO BILL FEHRING

The Cave Diving Section's highest honor, the "Outstanding Service Award," was presented to Dr. William K. Fehring at the 1984 Winter Workshop. Bill has served the Section as Chairman, Secretary, Scientific Investigation and Conservation Program Coordinators; has authored a chapter for the NSS Cave Diving Manual and numerous articles for Underwater Speleology; and has been a guiding force in many biological, conservation, and exploration projects.



Courtesy of Dennis Williams

NEW MAPS - LITTLE RIVER AND BONNET SPRINGS

Wes Skiles has generously donated two new beautifully detailed maps of Little River Springs and Bonnet Springs to the Section. They were first made available to qualified buyers (cave-certified) at the Spring Workshop. They sold out within a couple of hours. Wes is going to have more of the maps blueprinted and they will be available through Publications. We will also be arranging to have our other three maps (Peacock Springs, Madison Blue Springs, and Lafayette Blue/Green Sink) available directly through Publications. When this occurs, mention will be made in UWS.

THE ABE DAVIS AWARD

The Abe Davis Award, the NSS-CDS's recognition of a diver having safely completed 100 cave dives, was presented by Mark Leonard at the May Workshop to the following people: George Bortnyk, Seminole, FL; Jeff Bozanic, Key Biscayne, FL; Henry Chandler, Chuluota, FL; Lee Gibson, Miami, FL; Dayton Saltsman, Jr., St. Petersburg, FL; and Gordon Smith, Myrtle Beach, SC.

Since the Workshop, the Award has been given to Mario Mitchell, Tampa, FL, and Dr. Milledge Murphey, Gainesville, FL. Mark Leonard apologizes that, due to an error on his part, Milledge did not receive his at the Workshop.

People interested in applying for the Abe Davis Award should contact Mark Leonard at Rt. 14, Box 136 Lake City, FL 32005, (904) 752-1087.

INDIAN SPRINGS CLOSED INDEFINITELY

Due directly to adverse publicity about a recent drowning at Orange Grove Sink, the YMCA has closed Indian Springs to cave diving permanently. Paul DeLoach and Steve Gerrard have been delegated the official representatives of the NSS-CDS and NACD respectively, and are working together to try to negotiate with the YMCA. It is asked that other cave divers please not approach the YMCA independently at this time.

The Orange Grove drowning apparently received API coverage and was highly sensationalized. (The recovery was not performed by the NCRS Cave Diving Rescue/Recovery Team.) It was evidently the negative publicity about Orange Grove, combined with the fact that the YMCA is currently being sued in connection with a drowning at Devil's Eye (although apparently the YMCA instructor involved wasn't even present at the site when the drowning occurred), that precipitated the closing of Indian Springs.

LAFAYETTE BLUE HEAD SPRING CLOSED - SNAKE SINK STILL OPEN

Dr. Susan Drake of Tallahassee reports that she and Jeff Bozanic had a very unpleasant encounter with the law at the head springs of Lafayette Blue. This area is now a county park and is off limits to divers. However, Snake Sink and Green Sink are apparently still open to cave diving. Susan and Jeff were advised to contact the Sheriff's Department for precise details.



SEARCH AND RECOVERY OPERATION - JAMAICA - MARCH 13, 1985 by Henry Nicholson

(The following is taken from the official report by Henry Nicholson, Cave Diving Officer of the National Cave Rescue Commission, to Steve Hudson, Deputy Coordinator of the NCRC, on the Search and Recovery operation conducted in Jamaica, West Indies 13 March 1985. Henry Nicholson is a Lieutenant with the Jacksonville Sheriff's Office, head of their Police Scuba Team, and Rescue/Recovery Coordinator for the NSS Cave Diving Section.)

Approximately 7:00 p.m., 11 March 1985, I, Henry Nicholson, the writer, received a telephone call from Wesley Skiles, the National Speleological Society, Cave Diving Section (NSS/CDS) Training Coordinator. He informed me that he had received a formal request from Carl Lee, the president of the Jamaica Sub-Aqua Club (Scuba Divers) for assistance to search and recover a lost and presumed drowned member of their club. At approximately 7:34 p.m., I telephoned Mr. Carl Lee in Kingston, Jamaica. He advised me of the following details:

On 9 March 1985, three of their Scuba Club members went to Godswell Sink Hole in the Clarendon area to explore the underwater depths. The divers were Donna Ho Lung, Silvain Gutknecht and Keith Campbell. There was a hemp rope ladder attached to a tree on the rim of the sink hole; it descended downward to a ledge at water level, which was 80 feet below. Their dive plan was to descend to the bottom of said sink hole; anticipated depth 185 feet; stay no longer than 10 minutes; ascend and decompress 3 minutes at 20 feet and 10 minutes at 10 feet. Because of difficult site access, group to stay together and take extra care. Start dive at 12:48 p.m., 80 feet visibility, pile of trees at 120 feet.

Upon reaching the bottom, 160 feet, Silvain saw a cave entrance leading downward and extending into a room about 30 feet in diameter. The water was crystal clear. Silvain and Donna entered the lower cave. The depth gauge read 170 feet. It shortly became totally silted, obstructing all visibility and creating an extreme state of disorientation. They were unable to find their way out. Silvain began to circle the room with one hand on the wall and the other arm in the silt on the floor. Donna was holding onto his shoulder. During this travel, he contacted tree limbs. He recalled limbs being at the entrance so he continued in the direction of the limbs. He suddenly felt Donna's hand slip down to his leg. It became very hard to breathe through his regulator. He knew he was running out of air. He swam faster, losing contact with Donna, and suddenly noticed a gray light ahead of him. He inflated his emergency CO<sub>2</sub> inflator and headed for the surface, exhaling on the way. Donna did not follow.

Keith Campbell, the third diver of the team, was only using a 60 cubic-foot tank so he did not descend as deep as Donna and Silvain. He observed them enter the tunnel at the bottom and

saw the silt generated by them. The entire bottom area of the sink hole became silted out. He swam to the edge of the silt and flashed his light back and forth, hoping Donna and Silvain would see it to help them exit. He later saw Silvain ascend to the surface but never saw Donna emerge from the silt. He stayed until he was dangerously low on air and then ascended to the surface. They reported the incident to the local police and the Scuba Club president.

On the following day the best divers in their club re-entered Godswell Sink Hole in an attempt to locate Donna Ho Lung. There was hope that she might be in an air pocket in the lower tunnel passage. Reaching the lower section of the main sink, the water was totally silted out. They probed into the silt and made an attempt to locate Donna. The extreme depth and no visibility caused them to become overcome with Nitrogen Narcosis. They were forced to abort the dive.

Mr. Lee informed me that they had no one in the Jamaica area that was able to complete the search and recovery. He was referred to the Florida Cave Diving Rescue and Recovery Team for help. In requesting our assistance, he stated that they would pay for air travel and expenses of the Search and Recovery Divers if they would only come to Jamaica.

I informed Mr. Lee that I would assemble a team and be in Jamaica the following day.

Due to the complexity of the dive involving extreme depth and low visibility, I began to search for the most qualified Search and Recovery Divers of the NSS/CDS Rescue/Recovery Team. Team members Wesley Skiles, NSS/CDS Training Coordinator, and Mark Leonard, Cave Diving Instructor and Cave Diving equipment manufacturer, were able to assist me in the operation. The extreme demands of the operation required a three-man team.

Chief R.W. Coristin, Chief of the Police Services Division of the Jacksonville Sheriff's Office, and my immediate supervisor, granted my leave request to assist in the operation.

We arrived in Kingston, Jamaica on 12 March 1985, 3:05 p.m., and were met by Mr. Carl Lee and other members of their diving organization. An Inspector Smythe assisted us through the Jamaican Customs. Our air travel was greatly assisted by the supervisors of Eastern Airlines and Piedmont Airlines in transporting the extra cave-diving equipment that was necessary for the operation.

During the remainder of the day we prepared our equipment and interviewed the surviving witnesses for additional information. They confirmed the original statements.

Arriving at Godswell in the a.m. of 13 March 1985, we spent most of the day installing the vertical hauling system for lowering and raising the necessary equipment and personnel to the staging area on the ledge, 80 feet below the rim of the sink hole. The sink hole was approximately 120 feet in diameter with 80-foot

JAMAICA RECOVERY (cont'd)

vertical walls extending from rim to water level. We utilized a 2-1 mechanical advantage rope-hauling system for the lowering and raising of equipment and personnel.

Underwater Operations (13 March 1985).

We began the dive at 2:52 p.m. Our objective was to descend to the floor of the sink hole and search for Donna Ho Lung. We would then penetrate the lower off-shoot tunnel and search and survey it. If the body was located we would swim directly to it, survey it and prepare it for extrication. I would ascend to approximately 120 feet with the body and wait for Wes Skiles and Mark Leonard to complete the survey of the cave and sink-hole system.

Upon descent we observed unlimited visibility. Wes Skiles led with the guidance line reel and Mark Leonard and I followed. At approximately midway to the bottom we observed the body of Donna Ho Lung, approximately 20 feet away from the lower tunnel entrance in a normal swimming position headed away from the entrance. She was located in a very low area where the ceiling wall angled down to the floor. Also, in front of her was a large tree limb that blocked her forward movement. All of her diving equipment appeared to be intact except her scuba second-stage regulator, which was out of her mouth, lying beneath her. I stationed myself just above her against the wall at approximately 150-foot depth. She was located at approximately 160-foot depth. I observed Wes approach her with the guidance reel and survey the scene. He pushed her purge valve on the regulator...no air came out. The pressure gauge read zero.

Wes passed the body to me to ascend to the 120-foot level as planned. He and Mark completed the survey of the sink and cave. Before ascending I pulled the emergency dump valve on the victim's buoyancy compensator (BC). The lanyard broke. Attempting to release the air from the BC I disconnected the valve yoke connected to the BC air-inflator bottle attached to the BC. This allowed most of the air in the BC to escape.

I ascended with the body to approximately the 80-foot level and held onto a submerged tree until Wes and Mark joined me. We then continued the ascent to the 20-foot decompression stop. The body was excessively buoyant because of gas formed by the decomposition process and trapped air in the upper section of the BC. I managed to grab a log at the 20-foot stop and tie the victim's tank valve to it to prevent it from shooting up to the surface. I attached a weight belt to her tank harness to create less buoyancy. Mark Leonard punctured the BC to allow the trapped air to escape.

Completing our necessary decompression, we obtained a body bag from the surface and placed the body in it while still secured underwater. Only her swim fins were removed. We then raised the body to the surface where it was secured by lifting straps and raised to the rim of the sink hole by our vertical rope-hauling system. There

the body was turned over to the local police who were present during the entire operation.

As a Scuba Instructor of: Advanced Open Water Diver, Cavern Diver, Basic Cave Diver, Advanced Cave Diver, Rescue/Recovery Diver, and the Cave Diving Officer of the NCRC, it is my opinion that the following occurred concerning the drowning accident of Donna Ho Lung:

The dive plan went as planned until Silvain and Donna observed the tunnel opening at the bottom of the sink. Shining their light into the tunnel and seeing the crystal clear room, lured them inside. As they swam into the tunnel they were not aware that they were fanning up a cloud of silt behind them. When they finally turned around to exit it was too late. The cloud of silt totally enveloped them, obliterating any view of the exit. From this point on it was a matter of feel and guesswork. When Donna lost contact with Silvain they were probably going through the entrance of the lower tunnel. She proceeded along the wall and ran out of air just prior to reaching the tree limb. She swam into a wedge created by the angle of the ceiling and the tree limb.

CONTRIBUTING FACTORS:

This is solely my opinion and I am offering this only in a constructive manner for future diving practices. We have already made these mistakes and lost hundreds of divers in the United States.

1. Victim entered a cave environment and was not trained in the skill of cave diving.
2. A continuous guide line to the surface should have been used.
3. The one-third air rule was not followed. Only one-third of the diver's air should have been used on penetration. A 200-psi reserve should have been added to the one-third on a two-man team.
4. They dove too deep. Sport divers should not descend lower than 100 feet without deep-diver training.
5. They failed to have adequate lights. At least three lights should have been used with the primary being at least 20 to 30 watts. If Keith's light had been bright enough, Donna might have seen it.
6. The victim apparently did not know how to use her buoyancy-compensator oral inflator as an emergency backup breathing system.
7. An alternate air source (octopus regulator) with a long five-foot hose was not used.
8. Proper silt techniques were not used-- head down, feet up.

CONCLUSION:

Prior cave-diving training would have prevented this accident. No one has ever drowned when the cave-diving rules were followed. Keith Campbell is to be commended for his self-discipline during the dive.

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(Reports on the recent accidents at Vortex, Manatee, and Orange Grove will be printed when the factual information is made available to the editor.)

**NEW T-SHIRTS**

About five dozen of the new T-shirts arrived at the workshop shortly after noon and were mostly sold out by the end of the day. There are, however, still a few shirts remaining. Short-sleeve are \$8.50 (plus \$1 post/hand) and long-sleeved are \$10.50 (plus \$1 p/h). Both have the scenic design on the back and CDS logo on front; no pocket. (XL completely out.)

LARGE - Green, Orange T's; Lt. Blue long-sleeved  
 MEDIUM - Orange T; Lt. Blue, Teale Blue long-sl.  
 SMALL - Lt. Blue long-sleeved

Shirts with the old design are now available at a discount - \$6.00 (plus \$1 p/h). (With front pocket)

X-LARGE - Tan, Navy Blue

LARGE - Tan

MEDIUM - Tan, Navy Blue, Orange, Yellow

SMALL - Navy Blue, Gold

Ladies' Style - XL Lt. Blue

Collared Sports Shirts (logo and pocket on front)  
 \$12.00 (plus \$1 p/h). Navy Blue - XL, L, M. Only one Large White shirt left.

Decals - \$1 Patches - \$3

"I Support Safe Cave Diving" Bumper Stickers -  
 Orange - \$1 Yellow - \$2

NSS Cave Diving Manual - \$10.95 (1-4 copies), \$7.50  
 (5-29 copies), \$7.00 (30-plus copies). Add 5% p/h  
 minimum of \$1.

Basic Cave Diving - \$2.50 (1-9), \$1.75 (10-plus)

Instructor's Training Manual - \$45.00 (includes post/hand). (There are only a few copies remaining of the original printing of 50 copies. Joe Prosser has ordered new binders and a second printing will become available soon. It will include any modifications to CDS Training policy. Updates will be sent to original purchasers, too.)

All publications orders should be mailed to H.V. Grey, POB 575, Venice, FL 34284-0575. All orders must be pre-paid; all foreign orders must be paid in U.S. funds. Make checks or money orders out to "NSS-CDS."

SAFETY BROCHURES are FREE. Please feel free to request them. They help substantiate your safety message at popular dive sites, etc.

MAPS will soon all be available directly through Publications. Sale is limited to people who have a cave certification from an accredited agency such as the NSS-CDS, NACD, NAUI, or YMCA. The maps that the Section now has available are: Peacock Springs, Bonnet Springs, Madison Blue Springs, Little River Springs, and Lafayette Blue/Green Sink. Maps are \$5 each, and will soon be available either folded, or rolled (for an additional amount in post/hand). Please wait for announcement before attempting to order the maps.



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