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On the cover: Australia's Kieren Perkins erased the legendary Vladimir Salnikov's last world record from the books when he split 7:47.85 at 800 meters in his 1500 race at the Pan Pacific Championships. (Cover photo by Marco Chiesa)

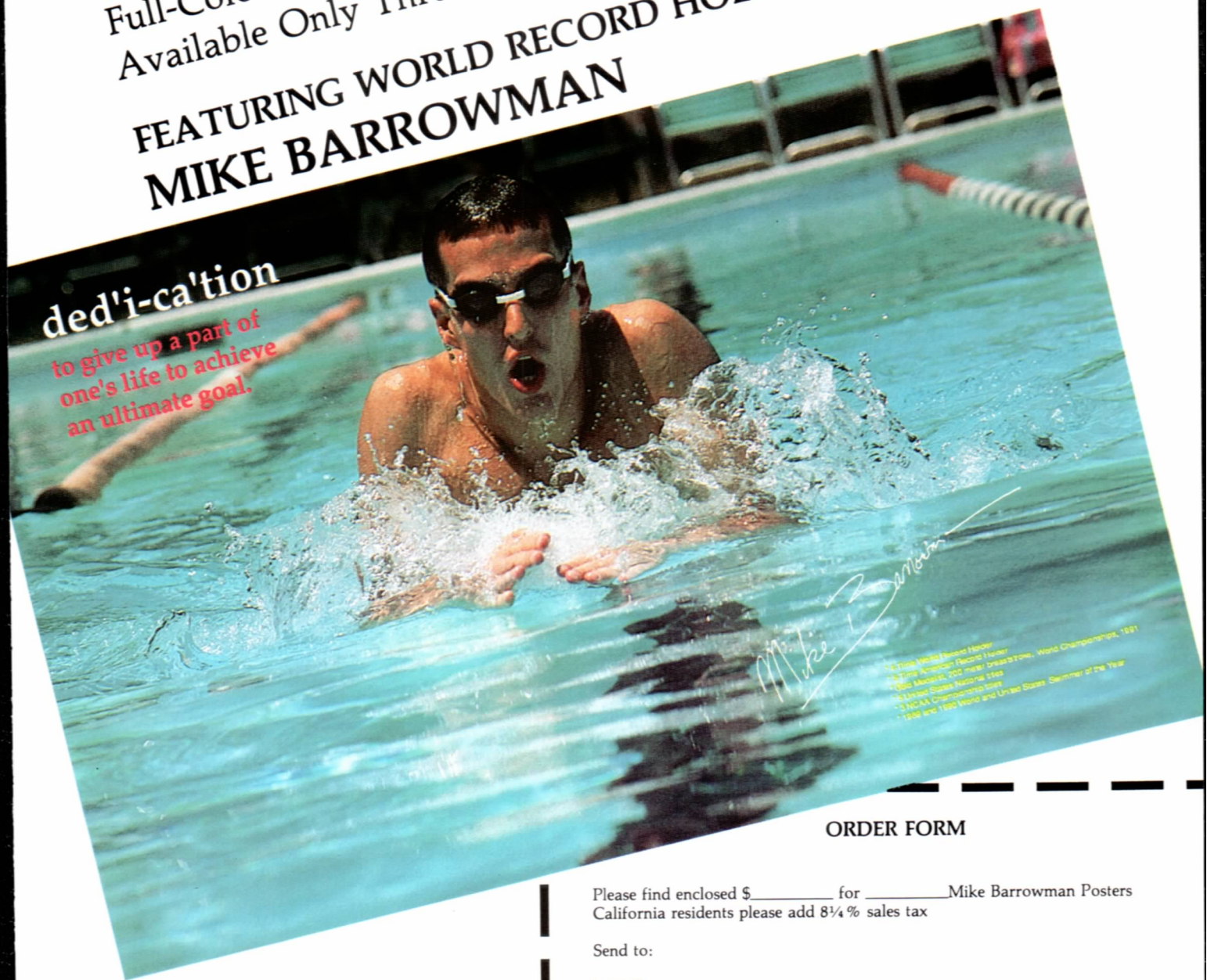
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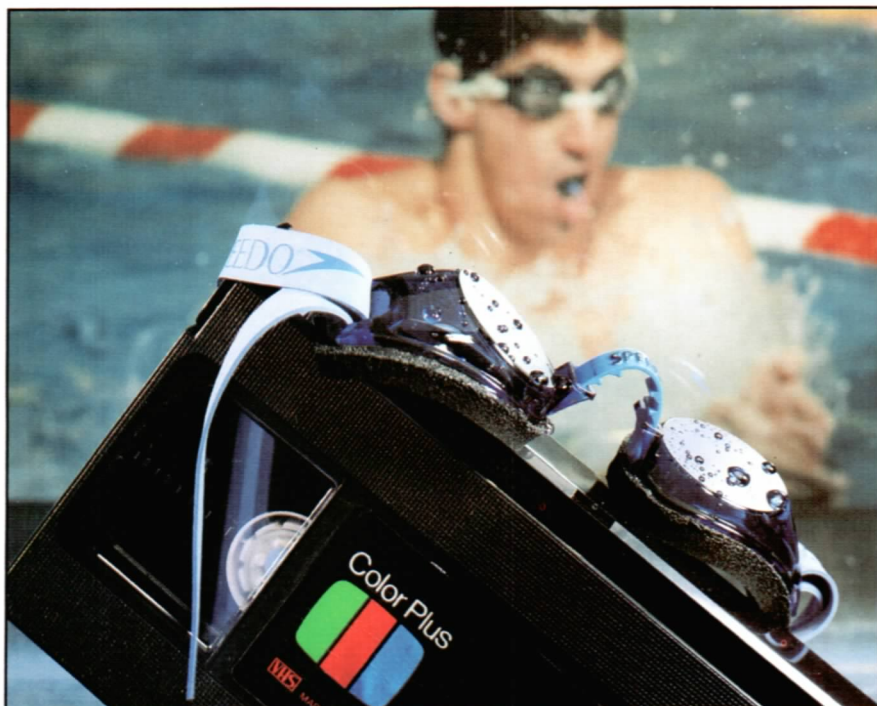
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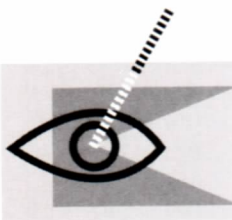


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BY PHILL HANSEL

Striking Back Against AIDS



The other day I caught about 15 minutes of a TV show that caused me to think about some very serious matters that

affect all of us. This program dealt with AIDS and how prevalent it is and how it alters the lives of the people who are infected and those who come in contact with them.

A young lady was being interviewed. She was probably 19 or 20 years old. She had been editor of her high school paper, a straight "A" student, a cheerleader; she was very popular and a leader in her class. She was sharp and clean looking. She was and still is a good girl. Yet, she has AIDS. She said she contracted AIDS

from a young man whom she liked very much and they had a sexual relationship going for a period of time. She said she trusted him and now knows that he deceived her. They are no longer together. With treatment she may live, but she now knows she can never have children and is very sad about that. She has ruined her life.

What hit home for me was the similarity in appearance and the successful lifestyle of this young lady with thousands of swimmers who we all know and work with. Can our swimmers get AIDS? Can your son or daughter get AIDS? Can any of us be exposed to this disease at any time? We are finding out the answer is a loud "yes."

It's easy to shut your eyes and ears to all of the information being dissemi-

nated. It's easy to assume that this is only a problem in large cities or a problem only for drug addicts or homosexuals. It is easy to turn it off and try to forget that there is an AIDS problem. It's easy to put it on the back burner and not talk about it with our kids and our adult friends. It's easy to assume that this is not my problem.

But we must not hide it. We must talk about it. We must help our swimmers and children understand the consequences of the wrong choices. Some of our friends and even professional people have AIDS and do not even know it. We must not gamble with our lives or with the lives of others.

As coaches and parents, we must talk about AIDS to our swimmers. We must be out in the open and educate them to

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PERSPECTIVE

the best of our ability. It can make a difference. It can save a life.

When I first started coaching over 40 years ago, many of the coaches were really tough on their swimmers if they drank a carbonated beverage drink during the season. And many kids listened. It's still good advice as many of us drink far too many sugar-sweet carbonated drinks. A few years later, with a slightly older group, we were concerned about alcohol consumption. And a lot of kids listened. These kids learned to avoid drinking situations and became non-drinkers and abstainers. The past few years, we have had the drug problem. We, as coaches and parents, have had to take a stand and help our young people avoid the temptation of drugs. A lot of kids have listened and have learned to "just say no."

Now we have an even more serious problem in dealing with morality and sex. This is a tough one to deal with because male-female relationships are basic to our existence. Unlike alcohol and drugs, sex is a natural function of our bodies and minds. We can live without alcohol. We can live without drugs. The human race cannot survive without sex. It's basic and we must learn to live with it. As responsible adults, we must learn to control our own urges. We must learn that there is a proper time for sex and the right person to have sex with. We must be in control and be on guard all the time, for our emotions can betray us. Whether we are successful with our own control or not is not as important as the message we must give to our kids.

We must let these young people know

that this is a dangerous time to be sexually active at any age. One moment of excitement or self satisfaction is not worth ruining your life. It's not worth getting a disease that will kill you. AIDS does not care if you are male, female, white, black, brown, young or old. We are talking about younger age group swimmers possibly being infected. All AIDS wants is to be spread from one person to another. We all must help stop the spread of this killing disease.

We work daily with young people who are making choices and decisions about sex. By far, the best choice is to abstain from sex until after marriage. Because they trust us, we can help them. Let's keep on giving and living. Together, we can strike a blow against AIDS. Many of these kids will listen. ∞

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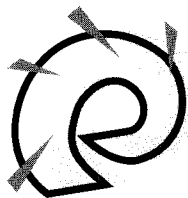
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A Busy Month For Lucero



Wendy Lucero was the only repeat winner at the U.S. Diving Outdoor National Championships Aug. 14-18 in Bartlesville, Okla. Lucero of the Kimball club defended her title on women's 1-meter, upping her career total to nine national championships with six on the low board and three on 3-meter. She finished with 458.12 points followed by Janae Lautenschlager, unattached, at 444.84. Two weeks after nationals, Lucero, 28, married Danny Schayes, 32, a forward for the Milwaukee Bucks, and will go by the name Lucero-Schayes in the future.

Mark Lenzi came close to the highest score ever on 1-meter at a nationals, finishing with 659.46 points to win by a margin of 80.28 over runner-up Zeke Crowley of Mustang. Only Greg Louganis with 663.09 at the 1984 out-

door championships ever had a higher total. It was the second national title for the 23-year-old Lenzi, diving unattached. He won on 3-meter at this year's indoor championships.

Krista Klein (nee Wilson) won easily on women's 3-meter for her third national title and second on that board. The 23-year-old Mustang diver scored 490.14 points with Lucero second at 453.60.

Both platform competitions were tight. Scott Donie needed at least 8s on his 10th and final dive, a back 1-1/2 somersault with 3-1/2 twists, and hit it for 79.68 points to win with 562.68 points. The Fort Lauderdale diver, 22, edged Chuck Wade of Kimball by 3.18. Emerald City's Ellen McGrath, who came out of a five-year retirement last October, won the women's platform by less than three points over Olympic Festival champion Cokey Smith of Kimball. McGrath's score was 377.01. It was the first U.S. titles for Donie and McGrath.

Pat Jeffrey of Fort Lauderdale also

won his first national title, upsetting teammate Kent Ferguson, the world champion, 634.47 to 612.33.

Stephan Caron set a European record for the 100 meter freestyle of 49.18 on a relay leadoff at the French nationals Aug. 4 in Millau. The old mark was 49.24 by Giorgio Lamberti of Italy in 1989. The Soviet Union's Alexander Popov later tied Caron's mark at the European Championships Aug. 22 in Athens. Caron did not compete there. Their times lifted Caron and Popov to the No. 3 ranking on the all-time performers list behind Matt Biondi (48.42) and Chris Jacobs (49.08).

University of Georgia coach **Jack Bauerle** was one of four athletes to participate in a 125-hour tennis doubles marathon this June in Athens, Ga., to set a Guinness world record. The tennis competition, which bettered the old record of 111 hours, raised nearly \$60,000 for the American Cancer Society. Bauerle, 39, was the oldest of the four players who were allowed a five-minute rest period per hour. They opted to accumulate the rest time, playing for the first 36 hours straight before taking a two-and-a-half hour sleep break. Bauerle's swimming team showed up at 4 in the morning to cheer on the coach before going to work out. The weather during the match ranged from temperatures in the 100s and high humidity to a thunderstorm that forced the quartet to play in a downpour. Bauerle's team lost the competition, 128 sets to 69.

Dee O'Hara of Syracuse completed the longest-ever fin swim by going 22 miles across Oneida Lake, which is directly north of her hometown. The 12-hour swim raised \$4,000 for Camp Good Day and Special Times, a not-for-profit organization that serves more than 900 children stricken with cancer and their families and AIDS victims in Upstate

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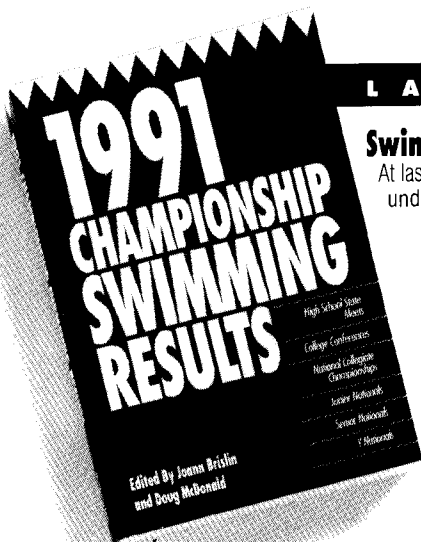
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New York. For the first two miles, the 36-year-old O'Hara used a monofin, a special fin moved by both feet, and wore only a bathing suit. She planned to use the single fin throughout the swim but had trouble staying on course in the dark because it forced her head to bob in and out of the water. She switched to double fins which caused blisters on her feet and tried three wet suits before finding one comfortable enough to swim in.

A World Swimming Coaches Association (WSCA) has been formed through a cooperative effort of the American Swimming Coaches Association, Japan Athletics and the Australian Swimming Coaches Association. Its primary function is the promotion of the benefits of quality coaching to worldwide swimming. The association will hold a quadrennial conference in the year following each Olympiad, the first is scheduled for May of 1993 in Hawaii.

Cynthia Potter, diving coach at the University of Arizona, is one of 24 former U.S. Olympians who have been voted winners of the Clairol Personal Best Award. The honor recognizes outstanding athletes who have also made a positive and lasting impact outside of their sport. Potter, who made the U.S. Olympic team four times (1968, 72, 76, 80) as a diver, is involved in the fight against illiteracy in her hometown of Tucson, Ariz., and a fundraiser for the United Way and the Arizona Cancer Center.

For the Record: An addition to the high school All-America swimming list published in the August issue is Andrea Lemmink, a ninth grader from Roger Bacon High School in Cincinnati. Lemmink makes the Girls Independent rankings for the 50 yard freestyle with a 24.62 and the 100 free honorable mention at 53.57. ∞

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915-583-2830

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703-378-1020

The Swim House
305 12th Street
Waynesboro, VA 22980
703-943-1295

Wharf Swim Shop
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Fontana, WI 53125
414-275-8561

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468 Lac La Belle Dr.
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Morgantown, WV 26505
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U.S. Swimming

NEWS

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(719) 578-4578

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U.S. SWIMMING HAS COME OF AGE BY RAY ESSICK, USS EXECUTIVE DIRECTOR

This August, United States Swimming noted the 10th anniversary of the establishment of its headquarters in Colorado Springs, Colo. To the month, this is concurrent with the formation of USS in 1978 and FINA's recognition of United States Aquatic Sports in 1980.

This year also marks a point for retrospect and recognition that USS is ever-growing, changing and progressing. Ours is a fluid and adaptable organization that has reached a significant level of maturity and has solved most of the problems of its growth to this point.

Planning

Last year, an operations analysis from Andersen Consulting provided us with an outside professional review that has functioned as a guide for the Executive Committee, staff, Board of Directors and various other committees.

This year we will begin to carefully test new programs prior to the commitment of funds. In addition, we will require in the budgeting process the identification of projects with one of the specific goals established by USS.

The Budget and Planning

This past year the Board addressed mid-year deficits in operating revenue for the first time and, as a result, we anticipate a better financial position at the end of 1991. I must commend our staff and Executive Committee for making the "hard calls" in regard to this program analysis.

United States Swimming is no longer a small corporation. We are moving up the scale toward "mid-size," with consolidated assets of nearly \$14 million and a projected 1992 budget of close to \$9 million. We must not fall prey to the temptation common to businesses our size of outstripping our revenue potential and cash availability as we move upward on this scale. We don't want to be like a swimmer who "goes out too fast" and dies at the end of the race. In addressing the 1991 budget as it did, the board has kept us on pace.

Our future planning recognizes a possible reduction in United States Olympic Committee support. We must plan to reserve funds and make ourselves financially independent so that if USOC funding is withdrawn we could continue our operations at an acceptable level.

The USOC currently provides us with over \$1 million annually, as well as free headquarters space, utilities, services and program support in Colorado Springs. The opening of the swimming pool, now scheduled for the summer of 1993, will increase our Colorado Springs Olympic Training Center usage.

As more organizations attempt to hitch their wagons for a cut of the USOC's financial pie, funding will hit a ceiling. We must be prepared to be self-sufficient and ready to continue progress on our own when that time comes.

Technical Programs

We had a great competitive year! We are the world champions in both men's and women's swimming; naturally, the combined world team title follows. We didn't think we won by enough and that the times needed to be faster, but this is the nature of the beast; we strive for the ultimate yet unrealistic goal—perfection.

We head into Barcelona with a good plan, but we must quickly begin to look toward Atlanta to guarantee our success in an Olympic Games, hosted by the United States.

The world is approaching us but the rate is slowing because of the Eastern Bloc's social upheaval. They are now on the receiving end of some political, economic and societal body blows. While this reinforces the validity of our democratic system, it does not mean that we can sit still and gloat over our victories.

Nearly 150 swimmers competed in national team programs this summer. The World University Games, Pan American Games and Pan Pacific Games provided major international experience for the elite-level swimmers who will most likely represent the United States in Barcelona. The Olympic Festival provided an introductory national team experience to another

104 emerging athletes. These events also provide training and rewards for coaches, managers and officials.

Our tracking and talent identification programs are beginning to feed us information about our swimmers. These programs need to help motivate swimmers to stay in the sport. We cannot place emphasis on elite talent so that we forget the base of our pyramid.

As we collect more good data, we must apply this information rather than making decisions intuitively.

Sports Science—An Added Value

A concept in marketing is that of "added value"—giving a sponsor more value than it expected with secondary exposure. Our sports science program and the International Center for Aquatic Research are an added value to USS.

We are providing U.S. swimmers and coaches with the best scientific information possible. Our national team members are served by visits to the lab and follow-up counseling, but we need more of them visiting regularly. At our camps, promising swimmers are introduced to swimming science and our coaching education programs utilize the most advanced, yet practical, scientific concepts.

Meanwhile, the rest of the swimming world is in awe of our program. FINA and individual nations are asking to reprint our material and USS scientists and students have made presentations to the American College of Sports Medicine, the World Congress on Biomechanics and the IOC Sport Science Congress. We have the only joint program in the United States with a major university—Colorado—which we just renewed for six years.

Along with technical and scientific accomplishments, we see the added value of a significant marketing tool. Corporations are being attracted to the high-tech aspects of the flume, ICAR and our sports science/medicine programs.

International Activity

We are currently negotiating with FINA to permit USS to provide coaching education to the world's swimming federations. If approved, this will be funded by FINA

with USS administering and planning the program.

Amateurism

USS is also preparing legislation for presentation to FINA to further address the liberalization of amateur rules in swimming. The basis of the proposal is to allow each nation in FINA to determine the best way to handle athlete eligibility as it relates to financial gain from swimming skill or notoriety.

I would hope that, if this is successful, we can do away with all trust funds and reporting requirements that have been counterproductive to various goals and purposes.

USOC Involvement

We can best measure our domestic leadership in the United States amateur sports world by noting the positions held by swimming representatives in the USOC. We now have more committee members and committee chairs than any other NGB. They are placed in positions of influence and authority, operating objectively, without prejudice toward swimming, truly representing the interests of all members of the USOC.

Computerization

In 1990-91 we made a greater commitment to the computerization of USS by applying this technology to our operations, administration, technical programs and communications. At this convention, you will see the application of these efforts and in the future even more significant applications.

Programs of Note

We are completing a questionnaire study of USS coach members—their backgrounds, opinions and needs. This is the outgrowth of an attempt to provide more benefits to our coach members and to retain more coaches.

We should also find how to better technically educate our coaches so that swimmers may benefit from better qualified people coaching them.

Another area of note is our Urban Minority Program that, after a successful pilot program, is ready to launch. This program is of great social value as well as

a technical opportunity for USS to identify talent that might possibly move up the ladder toward the national team and Olympic success.

U.S. Swimming as an Association

As long as USS has existed, we have considered various methods of increasing our membership. The three categories—athlete, non-athlete and non-athlete coach—are as different when considering recruitment as they are when planning services.

I propose that we investigate establishing an "Association Membership" department within USS that would actively seek members and create a program of benefits and services for fans and supporters of swimming.

We will test market this concept prior to putting a lot of money behind it, but I believe it has significant merit and I hope that we will give it serious consideration.

Congratulations to USS and to swimming in the United States! We are better than ever with greater challenges before us. I am sure that we are ready for these challenges. After 15 years as your executive director, I am still highly motivated by the challenges of our sport and see many other opportunities for growth, improvement and creativity. My thanks, as always, to a great staff in Colorado Springs who give swimming continuity, the Board of Directors, officers, swimmers, officials, coaches and volunteers who keep swimming challenging and keep me motivated and gratified by our accomplishments. ∞



Age Group Swimmers Of The Month



Candidates for "Age Group Swimmers of the Month" must compete within a nationally recognized age group.

Please send a short, typewritten (double-spaced) personality sketch and a black-and-white photograph (preferably a face shot) of each nominee or request a Swimmer Profile form from Swimming World. Include the name, address and phone number of the person submitting the candidate.

Send all information to Swimming World, Age Group Swimmers of the Month, P.O. Box 45497, Los Angeles, CA 90045.

BETHANY RICKS **Fort Worth-Arlington** **Swim Team** **Fort Worth, Texas**

It's impressive that Bethany Ricks, 13, qualified for the national Junior Olympics in three events this past summer. But what's more impressive is that her accomplishments occurred less than two years after she was wheelchair-bound and out of school for more than five months with rheumatic fever at 11.

Just before her 11th birthday, Bethany joined her first club swimming program, the Fort Worth Water Works. But by December, she was stricken with fevers, chronic strep throat and joint pain throughout her body. Despite being on

antibiotics for more than five months, Bethany deteriorated until she was in a wheelchair for more than two months.

Miraculously that summer, she began swimming once a day for the Fort Worth-Arlington Swim Team (FAST). She missed qualifying for the Texas Age Group Swimming (TAGS) Championships in several events by less than a few one-hundredths of a second. That fall she was selected to compete in the 50 yard breaststroke and 50 yard freestyle for the North team at the Texas All-Star Meet.

By spring, she placed second in the 11-12 200 individual medley at TAGS, and by summer, she placed fourth in that event at the Southern Zone Championships.

This past fall, she broke the Texas All-Star 11-12 200 IM record with a 2:17.51 and placed second in the 11-12 100 breaststroke with a 1:13.43.

Although Bethany fell ill again during this past short course TAGS championships, she placed second in the 13-14 200 breaststroke, fourth in the 400 IM and sixth in the 100 breaststroke. After the meet, doctors diagnosed her with sports-induced asthma.

This summer, she was the youngest championship finalist at the Long Course Senior Circuit Championships, qualifying for the National Junior Olympics-West in the 200 meter backstroke, 200 meter breaststroke and the 400 meter individual medley.

Besides qualifying for the top 16 in the national age group rankings in those three events, she also qualified in the 200 meter IM, 100 meter breaststroke and 100 meter backstroke.

Bethany first learned to swim at about 6 months. Her mom, Gayla, says, "I just put her in with me and, before I knew it, she was swimming. It was natural for her.

"She was jumping off the board behind her sister and cousins as soon as she walked. She never had lessons—just me



Bethany Ricks

and my mom."

Away from the pool, Bethany is an "A"-average student in the National Junior Honor Society. She maintained academic excellence even throughout her five-month absence from school. She hopes to get a scholarship some day. Right now, she's interested in medicine or marine biology.

To top it all off, Bethany is being considered to train for the USS Silver Select Camp in Colorado Springs, Colo.

ALEXIS LYON **Mission San Jose Aquatics** **Fremont, California**

Mission San Jose Aquatics has only been on the scene for a couple of years, but with young age group swimmers like Alexis Lyon and many of her teammates, they have already gained the respect of their peers on Pacific Swimming.

Alexis had an outstanding year as a 10-year-old member of the team. On

Age Group Swimmers



July 21st at the San Ramon (SRVLA AA+) meet, she broke the Pacific and national age group records in the 100 meter breaststroke with a time of 1:22.23.

This year, she has earned five national reportable Top 16 times: 50 yard breast (34.00), 100 yard breast (1:13.93), 50 meter breast (38.37), 100 meter breast (1:22.23) and 100 meter back (1:20.79).

At the Far Western Short Course Championship meet in April, she won the 100 yard breast with a time of 1:13.93 and took second in the 50 breast with a time of 34.00. She also helped her relay team to a second-place finish in the 200 yard medley relay with a national reportable time of 2:13.37. In July at the South Bay Swim League Championships, her last meet as a 10-year-old, she won all six of her events and was high-point winner in her age group. Last December, she earned a spot on the Pacific All-Star Team with several of her Mission San Jose teammates and went to

Seattle, Wash., to swim a dual meet against the Pacific Northwest All-Stars, which the Pacific team won.

Alexis Lyon, who prefers "Lexi" and whose nickname is "Froggy," has been swimming under head age group coach Debbie Potts since she was 6 years old.

She has grown into a swimmer who is entirely motivated and highly competitive. As a 7-, 8- and 9-year-old, she seemed to be into swimming not for the competition, but for the love of swimming. Coach Debbie Potts feels that this "no pressure attitude" at a younger age will help her to achieve the longevity in swimming that all coaches strive for in their swimmers.

At 5-2, she seemed to tower over other 10-year-olds, but her height isn't her only attribute. She is very focused and knows her goals, trusts her coach and makes stroke adjustments without question. This year, she became very dedicated and didn't miss a practice.

Swimming and school work keep her busy most of the time, but she finds many occasions to play with and care for her pets. She has a dog, a cat, a bird and a snake, all of which are very dear to her. She likes to collect rocks and probably has one of the largest stuffed-animal collections in the universe! At last count, there were over 500 of them lurking in and around the Lyon household.

Lexi Lyon turned 11 on July 29th and relishes the challenges and competition her new age group will provide.

JON SULLIVAN **Kansas City Blazers** **Shawnee, Kansas**

Jon Sullivan is a young man intent on going places. He practices with the top age groupers on the Kansas City Blazers Swim Team and exemplifies the typical Blazer pattern of "improving with age."

As a 10-year-old, he made finals at the Missouri Valley Championships (SC) in one event, and as an 11-year-old, he finished in four.



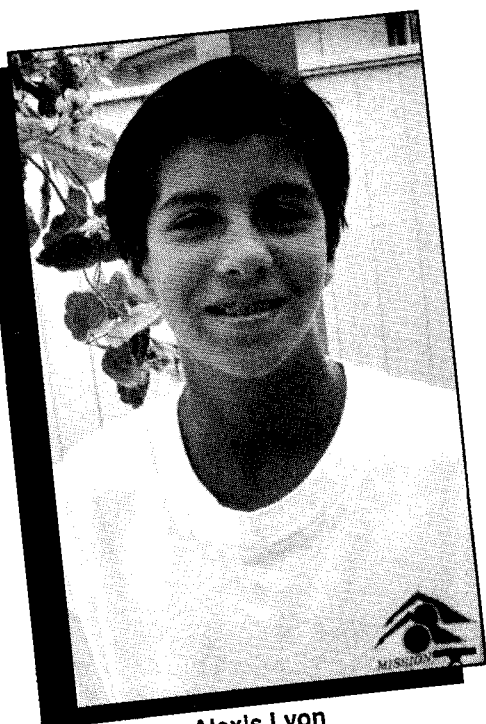
Jon Sullivan

This past spring as a 12-year-old, Jon dominated the competition, placing first in the 200 free (2:03.28), 500 free (5:41.02), 100 breast (1:10.84), 100 IM (1:04.36) and 200 IM (2:20.64). He also captured second in the 50 free (26.28), 100 free (56.85) and 100 back (1:05.39). At last look, Jon was looking forward to competing in the Zone C Championship Meet in his breast and IM events despite aging-up to the 13-14 group.

Jon is no slouch at school either. He carried a 4.0 average this year in middle school and loves to read and work with computers. Jon lives with his parents and little sister in Shawnee and likes riding his bike in his spare time.

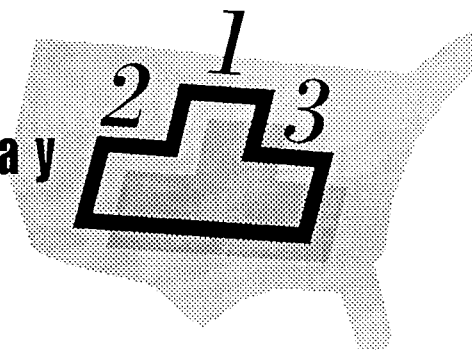
Jon's coach, Mike Lewellyn, says, "Jon is the hardest worker in our age group program."

He was also selected as Blazer "Swimmer of the Month" last March. His goal right now is to continue to improve and get faster. ∞



Alexis Lyon

American Relay



Sponsored by



ARIZONA

Scottsdale Aquatic Club, led by 19 individual and six relay champions, captured the Arizona Long Course Age Group Championships in Tucson July 26-28. They amassed 2,259.5 points to second-place Arizona Marlins' 1,851. Tempe Desert Aquatics was third with 1,840.5. Highlights of the meet for SAC included Jill Jenkins, second in 13-14 girls, who won the 50-100-800 free (27.99-1:01.49-9:53.08), 100 back (1:10.06) and took seconds in the 200 back (2:30.30) and 400 IM (5:29.29); Steve Bettley, second in 11-12 boys, who came in first in the 50-100 fly (32.34-1:11.46), 50-100 breast (37.53-1:23.28) and 200 IM (2:40.09) and wound up second in the 400 free (4:56.14); and SAC's 11-12 girls 400 free relay of Arianna Higuera, Samantha Kramer, Elizabeth Katz and Angela Kenneally, who set a meet record of 4:26.86.

The second-place Arizona Marlins can be proud of their accomplishments at the Long Course Championships. They set eight individual and six relay team marks at the meet. Casey Ketterling, 14, set team marks and NAG Top 16 times in the 100-200 back as well as a third team standard in the 200 IM. Kellan O'Connor, 10, set a record in the 100 fly (1:18.52), just off NAG cuts. Robin Knowler, 12, set three marks in the 50 fly and 200-400 free. Jenna Smith set a 9-10 standard in the 100 free. The 9-10 and 11-12 girls relay teams swam all club record times (10&U 200 free, 2:20.18; 200 medley, 2:38.74; 11-12 200 free, 2:05.34; 200 medley, 2:20.56, 400 free, 4:39.00; 400 medley, 5:23.36).

The 9-10s were Chrissy Friehe, Smith, Julie Cochran and Cameron Ballinger; 11-12s were Courtney Dickson, Jill Personius, Katie Hoole, Erin Ballinger and Knowler.

FLORIDA

The 12th annual Sunshine State Games, the second-largest Olympic-style statewide event of its kind, was hosted recently by Manatee County, located on the south shore of Tampa Bay. Doing the most to rewrite the record books were Lucianna Genova and Tyler Townsend. In the 10&U girls, Genova of Broward Elite Swim Team set new marks of 30.26 in the 50 free, 2:44.01 in the 200 IM, 32.07 in the 50 fly, 39.31 in the 50 breast and 1:13.54 in the 100 fly. Townsend, swimming for the powerful Trinity Aquatic Team, set four new 11-12 records: 29.49 in the 50 fly, 1:09.57 in

the 100 back, 1:06.07 in the 100 fly and 31.81 in the 50 back. Erin McGriff, 14, of Swim Florida set two marks in the breaststroke events (1:14.63-2:43.14), breaking her own mark in the 100. Also setting individual records were Zac Yarbrough, Blue Dolphins (10&U 400 free, 5:06.94); Katie Decker, Swim Florida (11-12 100 breast, 1:21.60); Lindsay Barron, Swim Florida (11-12 100 back, 1:10.55); Marcie Vierling, Swim Florida (11-12 50 breast, 36.98); Justin Gonzalez, Lake Gold Gators (11-12 50 breast, 35.71); Robbie Haile, North Palm Beach (13-14 100 breast, 1:11.53); Becky Richey, Unat. (11-12 50 back, 32.30); Joseph Palmer, Trinity (13-14 1500 free, 17:21.29).

As a 9-year-old swimming in the 10-and-under age group representing

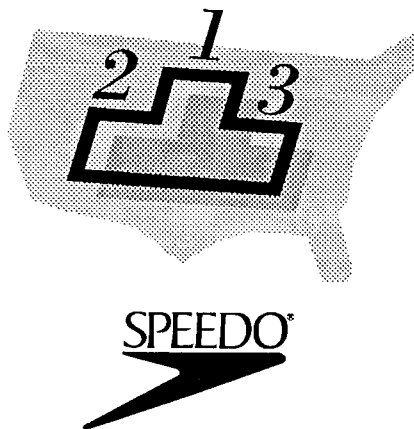


MINNESOTA: Bloomington Aquatic Club's Jon Wieman, Martin Zielinski, Paul Belden and Jeff Page (l-r) set a national record in the 13-14 boys 200 meter relay (1:55.97). They also set state marks in the 200 free (1:44.97), 400 free (3:57.20), 800 free (8:36.05) and 400 medley (4:22.03) relays at the Minnesota Long Course Championships.

Lane 4 Swim Team in Englewood, Melissa Piloto demonstrated real patience and determination while competing in the Sunshine State Games. Melissa swam personal and team record times in every event she entered, but her performance in the 100 back was both shocking and impressive. Entered in the morning prelims with a time of 1:29.96, she improved her time by more than a second to place 10th and was the second alternate. Her parents elected to stay, and following warm-up for finals Melissa found out two swimmers had scratched the 100 back finals. Seeded eighth, and swimming in lane 8, Melissa placed third in finals by dropping an additional five seconds, swimming 1:23.51. She thoroughly enjoys training and racing, and her dedication was rewarded. Improving by six seconds and from tenth to third in one afternoon is an accomplishment she is sure to remember for a long time.

IOWA

The 1991 Long Course State Championship meet was held Aug. 2-4 in Iowa City. The Des Moines Swim Federation 11-12 boys relay team of Josh Sager, Adam Nosbisch, Lance Williams and Jason Lathrum combined to set three new state



records in the 400 meter medley relay (5:04.98), 200 free relay (1:59.88) and 400 free relay (4:22.48). All three new state records are also Top 10 relay reportable times. They are coached by Bill Saxton and Jim (Butch) Lawson.

KENTUCKY

The Tri-City YMCA Summer Swim Team recently sent eight of its 42 swimmers to the YMCA Long Course National Championships in Nashville, Tenn. The team, coached by Chris Konerman and Jerry Crowder, swam 19 lifetime bests in 21 events, set 13 individual team records and five relay team records. The girls team of Lori Jacob (15), Jessica Lenen (15), Beth McKinley (13) and Erin O'Gorman (16) set new senior team records in the

200 free (2:04.36) and 400 medley (4:04.24) relays. Individual girls' team records were set by Lenen in the senior 50-100 free (29.47-1:05.31) and O'Gorman in the senior 100-200 breast (1:19.22-2:49.36) and 400 IM (5:34.81). O'Gorman's breaststrokes qualified her for consolation finals. She finished first in the 200 (fifth best overall) and second in the 100 (eighth best overall). The 14-year-old team of Kurt Fischer, Brian Macke, Gus McKinley and Dennis Moeller set new records in the 13-14 boys 200-400 medley (2:07.07-4:43.21) and 200 free (1:52.62) relays. Individual boys team records were set by Fischer in the 13-14 100 breast (1:18.11) and senior 50 breast (35.17); Macke in 13-14 50-100 free (26.85-1:00.42); and Moeller in 13-14 100 back (1:07.68), 200 IM (2:28.79) and senior 200 back (2:27.73) and 50 fly (29.90).

MARYLAND

With a total of 2,692.5 points, the Curl-Burke Swim Club won its seventh-straight Potomac Valley Senior Long Course Championship, held July 19-21 at the Montgomery Aquatic Center in Rockville. In second place was Peddie (2,313.5), followed by Jersey Wahoos (1,320), Philadelphia Department of Recreation (1,181), Rockville-Montgomery (980) and Solotar (899.5).

MASSACHUSETTS

Shane Raymond of the Cape Cod Swim Club swam six events at the Eastern Zone Long Course Championships in Fairfax, Va., and set six zone records in the 11-12 age group: 50 free, 27.29; 100 free, 58.92; 200 free, 2:07.67; 400 free, 4:43.49; 50 fly, 29.19; 100 fly, 1:03.93. His coach at the Eastern Zones was Isabelle Fraser.

NEW YORK

Nicole Navas, 12, won the high-point trophy for her age group at the New York State Long Course Swimming Championships at the State University of New York-Buffalo. Representing the Gotham Aqua Kings, Navas swam in nine individual events. She joined with Christine Berkmann, Amanda



WISCONSIN: Shannon Michalovitz, Amanda Shong, Whitney Kohnhorst and Erica Burg (l-r) of the Lake Country Swim Team set new state records in both the 200 medley (2:08.98) and 200 free (1:55.18) at this year's Wisconsin Short Course Junior Olympics. All four girls also placed in the top 10 for individual points and won the 10&U girls age group trophy.

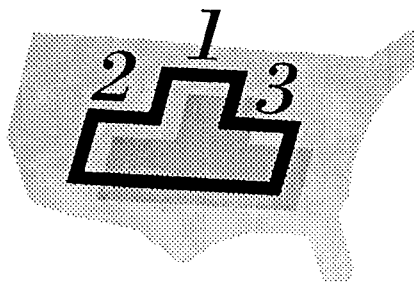
Crosas and Kim Soderstrom to set two team relay records (400 free, 4:31.44; 200 medley, 2:19.55). They also won the 200 free relay (2:02.60), missing a third record by half a second. The girls' coach is Leo Butler.

OHIO

For the third straight summer—and the first time in the history of the Southwest Cluster YMCA Long Course Championships—Countryside YMCA captured first place with 976 points to Blue Ash YMCA's 875 and Gamble Nippert's 810. The Torpedoes won with depth; only the 15-and-over boys were able to win their age group's high-point award. Countryside acquired most of its lead (70 points) on the first day. Alexis Plunkett (9-10 girls 50 back) and Ryan Hartsock (11-12 boys 100 fly) broke Southwest Cluster YMCA league records. Barb Mulshine, Jessie Smith, Shannon Thomas and Carrie O'Mara broke Countryside team records. Many other swimmers had great meets as well, as 24 swam personal best times each time they raced.

PENNSYLVANIA

The Ugly Duckling Swim Club of Reading participated in the long course Middle Atlantic Junior



Olympics. The meet was held at the Golden Meadows Swim Club in Lancaster Aug. 2-4. Representing the Ugly Ducklings, coached by Bill Bartle, were: Kris Lubas (16), Kris Zajac (14), Erin Schorn (15), Hillary Heebner (14), Erica Fuchs (13), Lyndsay Schaeffer (12), Jennifer Ruchlewicz (11) and Megan Schaeffer (10).

RHODE ISLAND

Dave Roach, former head women's coach at Brown University and the University of Tennessee and now current athletic director at Brown, is proud to announce the hiring of Dan Flack as head coach of the newly-formed Brown Swim Club. Flack had served a dual role as both head coach

of the North Carolina Aquatic Club and as coach of the distance swimmers for both men's and women's programs at the University of North Carolina-Chapel Hill. He was responsible for dramatically increasing both programs' qualifiers for national and NCAA competition during his three years in Chapel Hill.

TEXAS

The Woodlands Swim Team (TWST) totally dominated the 1991 Texas Age Group Swimming Championships at the University of Texas Swim Center in Austin August 1-4. Woodlands defended its 1990 title by outscoring the field of 48 teams with 1,166 total points. The top five teams were TWST, City of Plano (540.5), First Colony Swim Team (423.5), Dad's Club (394.5) and Aquatex (360). Individual Woodlands champions were Erin Brown (9-10 girls 100 back, 1:19.08), Melissa Pierce (9-10 girls 100 free, 1:16.25 and 50 fly, 33.45), Dennis Behrens (9-10 boys 100-200 free, 1:06.65-2:23.47; 50-100 fly, 32.40-1:13.47; 200 IM, 2:40.82), Nick Degenstein (9-10 boys 50-100 back, 35.46-1:18.86), James Galloway (9-10 boys 50-100 breast, 40.00-1:30.47), Cynthia Herrick (11-12 girls 200-400 free, 2:17.74-4:43.18), Kelli Sasada (11-12 girls 50 free, 29.67), Hollie Childress (11-12 girls 100 free, 1:03.38), Cynthia Gable (11-12 girls 200 IM, 2:35.46), Michael Milano (11-12 boys 50 free, 27.65), Christina Greig (13-14 girls 100-200-400 free, 1:00.89-2:10.65-4:33.71), Blake Holden (13-14 boys 200 breast, 2:34.11), Liza Jemison (15-16 girls 200 fly, 2:25.70) and Rachel Milano (15-16 girls 50 free, 28.30).

WASHINGTON

Vancouver (Wash.) Swim Club's 13-14 girls relay team of Heather Camp, Rochelle Nguyen, Kari Edwards, Rachel Anderson and Laura Hayden took firsts in both the 200 and 400 free relays (1:58.09-4:18.07). Because VSC is part of Oregon Swimming, they were eligible to compete at the Oregon State Championships, held July 19-21 at the Tualatin Hills Swim Center in Beaverton, Oregon. ∞

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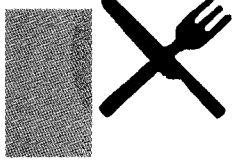
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NUTRITION

BY LINDA HOUTKOOPER, PH.D., R.D.

Effects of Caffeine



Q: I am a 17-year-old swimmer and enjoy drinking coffee to wake up in the morning before my work-

out. I drink 2-3 cups of coffee a day. I recently read that caffeine can cause women's bones to become weak. Is this true?

A: Some research has shown that there was a relationship between caffeine intake and the amount of calcium that the body lost in the urine. The higher the caffeine intake, the greater the loss of calcium. Based on this research, experts concluded that over a long time this calcium loss could contribute to a decrease in minerals in bones. Results of this research contributed to the belief that caffeine is a risk factor for the development of bone weakness and osteoporosis.

However, recent research refutes the idea that moderate intakes of caffeine adversely affect calcium loss from the body. This new study was done by a scientist who conducted one of these earlier studies and was reported in the American Journal of Clinical Nutrition. This study showed that moderate levels of caffeine intake in healthy young women who have calcium intakes of 860 milligrams per day had no influence on the calcium their bodies absorbed or lost.

The women in the study had a daily caffeine intake of 400 milligrams a day. This is the amount of caffeine in four six-ounce cups of coffee. The accompanying chart shows the caffeine content of some beverages and foods.

The researchers cautioned that even though they found no adverse effects of this level of caffeine intake on calcium loss from the body, it is important to note that their study did not rule out unhealthy effects of this amount of caffeine for

people with lower calcium intake than the women they studied.

Their study also didn't give any information about the effects of higher levels of caffeine intake on calcium loss from bones.

Q: I'm trying to eat a lowfat diet. I know that fats can be monounsaturated or polyunsaturated. I often see ingredients called mono- and di-glycerides listed on food labels. Are these types of fats too? Exactly what are these ingredients used for in food? Do they have calories?

A: Mono- and di-glycerides are used as emulsifying agents. This means that they are responsible for creating the smooth texture in cakes and baked products and prevent oil from separating out in peanut butter.

Mono- and di-glycerides do belong to the fat family. Tri-glycerides are the most common form of fat that we eat and contain nine calories per gram. Tri-glycerides can be in the form of saturated, monounsaturated or polyunsaturated fats. The chemical structures of mono- and di-glycerides differ slightly from tri-glycerides, yet they still contain about nine calories per gram just like tri-glycerides.

Mono- and di-glycerides are frequently listed sixth or lower in the list on an ingredient label. This means that only small amounts are used to make the food. Mono- and di-glycerides supply about 15 to 20 percent of the calories in a two-ounce cinnamon danish. If the danish contains 220 calories, then 33 to 44 of the calories would come from these fats.

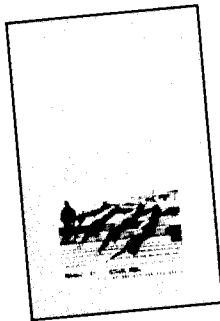
A tablespoon of peanut butter contains about 100 calories and nearly three percent of those calories are supplied by mono- and di-glycerides. This means that three of the 100 calories in a tablespoon of peanut butter would come from fat. ∞

Caffeine Content of Selected Foods (milligrams)

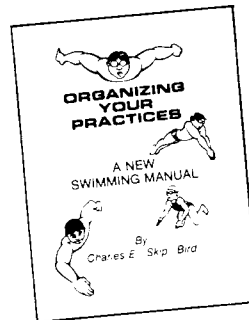
BEVERAGES		
Carbonated Beverages*		
Cherry Coke (Coca-Cola)	12 fl. oz.	46
Coca-Cola	12 fl. oz.	46
Mr. Pibb	12 fl. oz.	40
Pepper-type soda	12 fl. oz.	37
Pepsi-Cola	12 fl. oz.	38
Carbonated Beverages, low-calorie*		
Diet Cherry Coke (Coca-Cola)	12 fl. oz.	46
Diet Coke (Coca-Cola)	12 fl. oz.	46
Pepsi Light	12 fl. oz.	36
Coffee		
Brewed	6 fl. oz.	103
Instant powder	1 rounded tsp.	57
Instant powder (decaffeinated)	1 rounded tsp.	2
Tea, Hot/Iced		
Brewed 3 minutes	6 fl. oz.	36
Instant powder	1 tsp.	31
Instant powder w/lemon flavor	1 rounded tsp.	25
CANDY		
Chocolate		
German sweet (Bakers)	1 oz. sq.	8
Semi-sweet (Bakers)	1 oz. sq.	13
Chocolate Chips		
Bakers	1/4 cup	12
Semi-sweet (Bakers)	1 oz. sq.	14
Milk chocolate Cadbury	1 oz.	15
DESSERTS		
Frozen Desserts		
Jello Pudding Pops		
Chocolate	1 pop	2
Puddings, from instant mix		
Chocolate		
Jello	1/2 cup	5
Sugar-free D-Zerta or Jello	1/2 cup	4
MILK BEVERAGES		
Chocolate flavor mix in whole milk		
2-3 heaping tsp. powder in 8 fl. oz. milk		8
Chocolate malted milk flavor powder in whole milk		
3 heaping tsp. powder in 8 fl. oz. milk		8
Chocolate syrup in whole milk		
1 Tbsp. syrup in 8 fl. oz. milk		6
Cocoa/hot chocolate, prepared w/water from mix		
3/4 heaping tsp. powder in 6 fl. oz. water		4

* Caffeine-free carbonated beverages and most non-cola carbonated beverages contain no caffeine

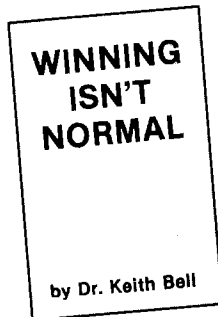
Books for the Athlete, Coach and Parent



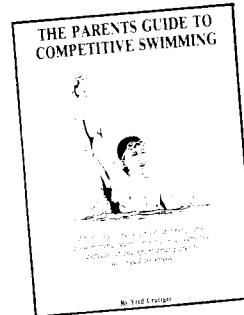
The Nuts and Bolts of Psychology for Swimmers by Dr. Keith Bell presents practical advice on mental training for the competitive swimmer. **\$13.25** paperback; for orders outside USA, add \$2.00 ea.



Organizing Your Practices: A New Swimming Manual by Charles E. "Skip" Bird. This book is one of the most practical sources of current swimming information available. Included: cruise intervals, mental training, metabolic principles and diet. **\$29.75** (fits 3-ring binder, not included); for orders outside USA, add \$5.00 ea.



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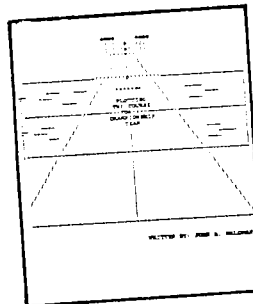


The Parents Guide to Competitive Swimming by Fred Cruciger. This book covers all aspects of the sport of swimming that parents will need to know. **\$9.75** soft cover; for orders outside USA, add \$2.50 ea.

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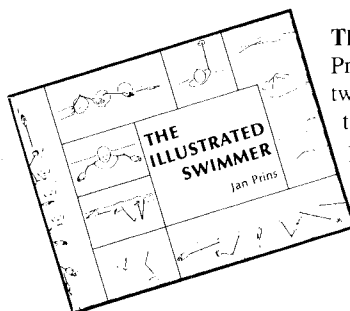


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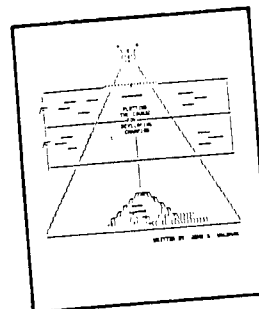


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(\$31.00 for the set of three books listed above; for orders outside USA, add \$2.00 ea.)



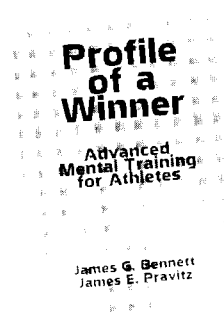
The Illustrated Swimmer by Jan Prins. The purpose of this book is twofold—describing the most acceptable stroke patterns and most common types of stroke defects. **\$13.25** soft cover; for orders outside USA, add \$2.50 ea.



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QUALITY WINS OUT

FROM TRAINING TO PERFORMANCE, AUSTRALIA'S KIEREN PERKINS PUTS HIS EMPHASIS ON QUALITY.

EDMONTON, Alberta, Canada—Australia's Kieren Perkins, who had just come within 4-hundredths of breaking the legend Vladimir Salnikov's world record in the 800 meter free, didn't get to bed that night until half past 12.

No, he wasn't out celebrating. You couldn't even say he was among friends. Rather, Kieren just spent an extraordinary amount of time with drug-testing officials afterward into the wee hours of the night.

"My samples weren't good enough," he admitted. "I ended up giving them three samples!"

A reporter commented, "Then the problem was quality, not quantity."

"Oh, yes," Kieren replied. "I had a lot of quantity."

When it comes to the just-turned-18-year-old's swimming, however, it's all quality.

Frustrated and disappointed after missing the 800 world record by such a slim margin, Perkins took another shot at the mark in the first 800 meters of the 1500 race. With the meet announcer informing the Kinsmen Sports Center crowd that he was on world record pace and with the Australian team pleading with the fans to stand on their feet with 100 meters to go, everyone erupted as Perkins touched the wall at 800 meters in 7:47.85, breaking Salnikov's world record of 7:50.64 from July 4, 1986.



AFTER MISSING THE 800 WORLD RECORD BY A FINGERNAIL, EVERYTHING WAS "THUMBS UP" AFTER THE 1500.

"Tonight...it's everything," Perkins said when asked how he felt about setting the world record. "I turned (at 800 meters) and stopped to look (at the scoreboard). I wasn't going to wait another 700 to find out (if I broke the world record)."

That 800 world record was a goal of his coming into the meet. He told Australian Swimming's media services director, Ian Hanson, prior to Edmonton, "If my training times are

any indication, then I could well break the world record. The world record certainly is not out of my reach, and I have set myself a goal time which is well below Salnikov's world mark."

Knowing that, you could understand his disappointment after swimming under Salnikov's world record splits for most of the 800 race only to miss by 4-hundredths. Then knowing a bit about his determination and commitment when attempting to break the 800 world record again in the 1500 helps you understand something about the character of Kieren Perkins.

"After the 800, I knew I went out too hard," said Perkins, who is the spitting image of L.A. Dodgers' Orel Hershiser with an Australian accent. "I thought I could do better if I controlled it."

"Then after the 400 (race, which he won the third day of competition), I had a lot left. I talked it over with my coach (John Carew), and he thought I could do it."

There was a time, though, that his coach thought Kieren

might never walk again, let alone swim.

"When he was 9 or 10, his brother was chasing him around the house, and he ran through a plate-glass door," Carew said. "I thought he might be a cripple. He had 86 stitches, and he couldn't walk."

Swimming, then, became a means for rehabilitation—certainly not for training of a future world record holder.

"He left me for awhile," Carew, coach of the Commercial Club in Brisbane, said, "then he came back to me when he was about 13. He was terribly slow. He couldn't break 30 for 50 meters. Even the girls were beating him!"

But Carew, who taught distance free world record holder Stephen Holland during his developmental years from 6 to 13, taught Kieren how to train, using tubing, and improved his technique. He did much of his training in a 20 meter pool, to which Australia's head Pan Pacific team coach, Don Talbot, replies, "I guess that explodes the theory that you have to train 50 meters."

"My coach would always compare me to Stephen Holland," Perkins said. "He would say, 'Steve Holland did this. Let's see what you can do.'"

"I knew Holland could train well—and so could I—but I knew I could race better. Carew is the best technique coach around."

Carew thought he first really had something when Perkins swam at the Commonwealth Games at Auckland, New Zealand, in January 1990. Then only 16, Perkins broke 15 minutes in the 1500 with a 14:58.08, but he swam in the shadow of Aussie teammate Glen Housman, who went 14:55.25. (Housman first caught the attention of the world when he swam a 14:53.59 a month earlier at Adelaide—a time under Salnikov's world record, but not allowed as a record since it was a hand-held time.)

Even at this year's World Championships when Perkins emerged as Australia's new distance phenom when he blasted Salnikov's 1500 world mark by over 4 seconds with a 14:50.58, he was still left in another shadow—that of Germany's Joerg Hoffmann, who went even faster with his 14:50.36!



KIEREN PERKINS HAS A BURNING DESIRE TO ADD GOLD IN BARCELONA TO HIS WORLD RECORD IN EDMONTON.

"HE LEFT ME FOR AWHILE," CAREW, COACH OF THE COMMERCIAL CLUB IN BRISBANE, SAID, "THEN HE CAME BACK TO ME WHEN HE WAS ABOUT 13. HE WAS TERRIBLY SLOW. HE COULDN'T BREAK 30 FOR 50 METERS. EVEN THE GIRLS WERE BEATING HIM!"

WITH HIS THREE WINS AND WORLD RECORD, PERKINS WAS NAMED MALE SWIMMER OF THE MEET.



"It's over," Perkins says matter-of-factly about that race at the World Championships. "I've only watched the video twice since then. I've made mistakes. I try to correct those mistakes. Eight months ago means nothing."

Actually, his performance at Perth did mean something to Perkins to the tune of \$7,500. That was the bonus provided for a silver medal at the World Championships under the terms of the Uncle Tobys Incentive Scheme. Uncle Tobys is one of Australia's major cereal manufacturers and the major sponsor of the Australian swimming team and a sponsor of the Australian Olympic team.

By the time he left Edmonton, Perkins had accumulated \$25,400 for the year from Uncle Tobys—\$2,500 for each of three gold medals (\$7,500), \$400 for swimming on Australia's 800 freestyle silver medal-winning relay plus \$10,000 for setting a world record. Named Male Swimmer of the Meet, Perkins also received a handsome Omega watch worth \$3,000.

But the rewards have been reaped by hard work.

"He sets goals, and he's a very hard worker," Carew says. "He's also one of the most respectful boys I've met. He's the captain of his school (Brisbane Boys College), which is based on both academic and athletic achievements."

Probably the most telling characteristic of Kieren Perkins, according to Carew, is that "he knows what he wants."

What he wants is a world record and gold in Barcelona.

"I've got a burning desire to achieve both those ambitions," he says. After Edmonton, half of those goals were achieved. And he'll have a little less than a year to focus his efforts on achieving gold in Barcelona.

"He has the ability to focus on what he's doing," observes national team coach, Don Talbot. "That's significant."

—BY BOB INGRAM

EDMONTON, Alberta, Canada—For the first three days of the Pan Pacific Swimming Championships Aug. 22-25, the general consensus, especially among the Americans, was that the meet was flat. Even USA national team director Dennis Pursley said, “There isn’t any point denying that as a team we were really flat. It was disappointing.”

Just a sampling of quotes during the first three days:

- “That time is pretty bad for me. I felt sort of dead in the water.”

- “It didn’t feel good. I’m not happy with (my swim).”

- “We’re sitting on our heels waiting for something to happen.”

- “I’m really tired. I’m ready to go home.”

What’s amazing is that these were comments from some of the Pan Pacific *gold medalists!*

But thank goodness the popular wisdom of Yogi Berra, “It Ain’t Over Till It’s Over,” proved true that final night. In the men’s last two events of the championships—the 1500 free and 400 medley relay—fans at the Kinsmen Sports Center were treated to two world records. Australia’s Kieren Perkins turned in a 7:47.85 split at the 800, which eclipsed Vladimir Salnikov’s five-year-old mark of 7:50.64, and America’s Jeff Rouse broke the 54-second barrier and teammate David Berkoff’s standard of 54.51 in the 100 back by clocking a 53.93 leadoff leg in USA’s winning medley relay.

It Ain’t Over Till It’s Over

By Bob Ingram

Kieren Perkins and Jeff Rouse set world records in the last two men’s events of the Pan Pacific Championships in Edmonton.

Even the Canadians had something to really cheer about that final night as Gary Anderson captured Canada’s first and only gold medal in the 200 IM in a meet that was dominated by the United States and Australia.

And the Americans, down on themselves after the first three days, were still able to pick themselves up, dust themselves off and start all over again.

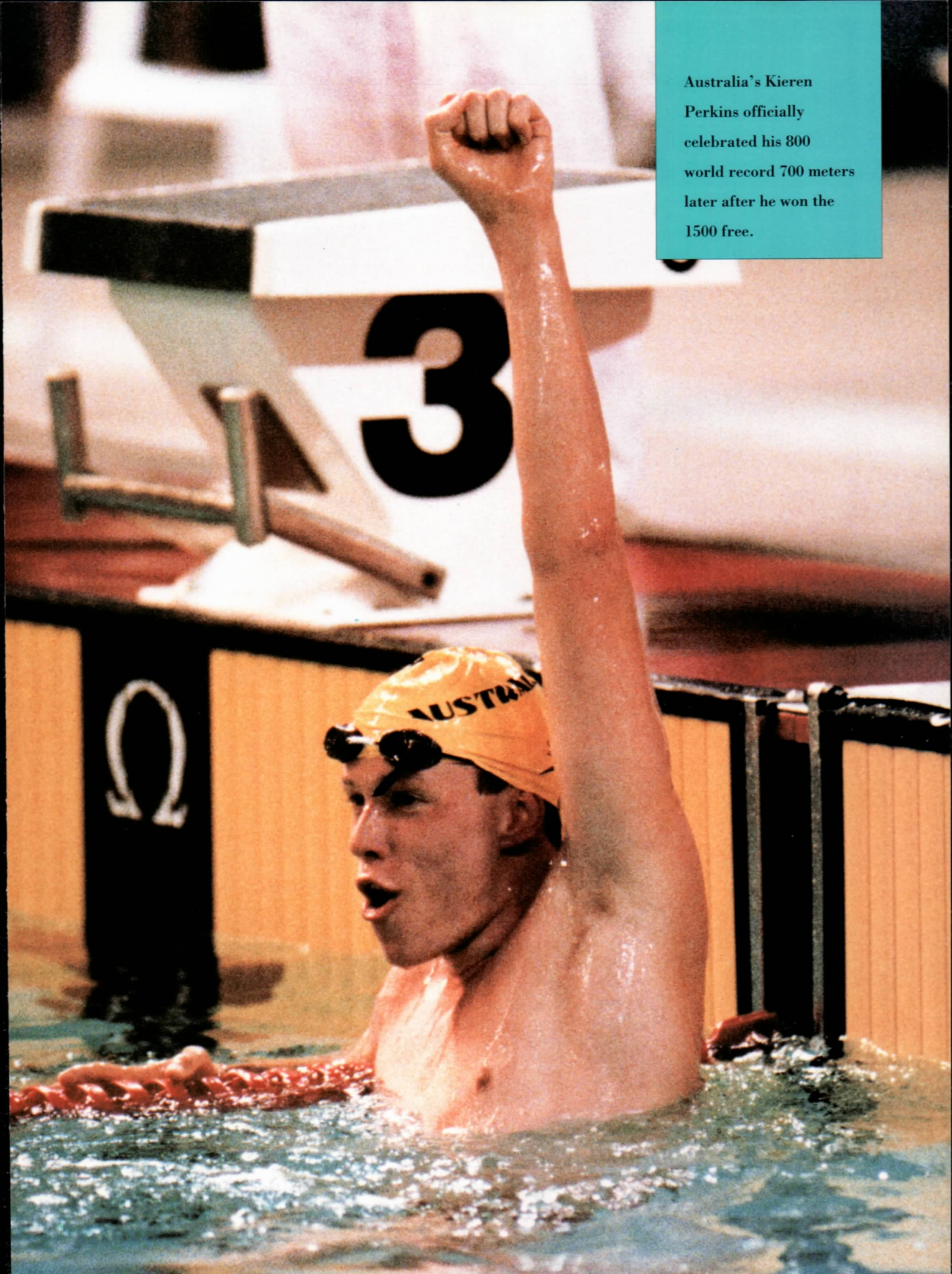
“Things sure picked up the last night,” Pursley commented afterward. “We saw some aggressive racing, and our team’s spirit was strong. It got us off the plateau.

“We talked a lot about the importance of the last session because that’s what you’ll remember. It can establish the momentum for next year. We wanted to make everybody feel that, perhaps, if we had the first three days over again, we might have done better.”

It really wasn’t that the Americans were all that bad. As expected, the USA “A” team took home 25 of the 34 gold medals. In addition to Rouse’s world record, Angel Myers Martino and Janie Wagstaff set American records. But judged by the U.S. swimmers’ standards and by their own words, many of them felt disappointed that they could have, perhaps should have, done better.

As it turned out, only Rouse’s 100 back and Perkins’ 800 free were world-leading times. The majority of top times remained

Photos by Marco Chiesa



Australia's Kieren Perkins officially celebrated his 800 world record 700 meters later after he won the 1500 free.

from the World Championships in January. Comparing the winning Pan-Pac times with those of the European Championships in 26 individual events, it was a dead heat, 13-13, with the women turning in faster times in eight events and the men, five.

"We had high hopes coming into this meet. Realistically, (what we did here) didn't dash those hopes, but..." Pursley said, contemplating what might have been. "It may be good for us—if you can rationalize a slower meet than you wanted. We learned a lot—all of us."

but still lose the race (as he did in Perth)."

The win turned out to be Perkins' first gold medal at a major international championship. He also took home a silver medal later that night by contributing a 1:50.03 second-leg split to his team's 800 freestyle relay.

He added to that the next night with an unexpected win in the 400 free, beating Aussie teammate Ian Brown, 3:50.08 to 3:50.74. The win was a mild surprise since Brown came into the meet ranked a tad higher than Perkins in the 400, and Brown com-



The hometown fans gave Gary Anderson a standing ovation when he won Canada's first and only gold medal.

What Pursley hopes the U.S. team will take home from Edmonton is the realization of the need for more aggressive racing, the ability to respond to the challenge of a close race plus the support of team spirit. "That's important in establishing a great team," Pursley said. "If we can establish those characteristics, then the great swimming will come."

What swimming fans, however, will take home from the 1991 version of the Pan Pacific Championships in Edmonton will be that last night, specifically, the two electrifying world records.

Australia's Kieren Perkins, 18, had already won two gold medals and a silver. He came to the meet with a world record in the 800 free on his mind. He missed his first chance on the second day of the meet when he won the 800 race in 7:50.68, a mere 4-hundredths shy of the world standard.

This is the same Kieren Perkins who missed the world record in the 1500 free last January at the World Championships by 22-hundredths of a second even though he had swum more than four seconds faster than Salnikov's world record of 14:54.76 from February 1983. He finished second in that race to Germany's Joerg Hoffmann, 14:50.36 to 14:50.58.

"I thought, 'Not again!'" Perkins told the media after his 800 performance. "I just couldn't believe it. I'm still happy. To win is what matters the most. I know you can break a world record,

mented after his 200 win of 1:49.48 over American Joe Hudepohl's 1:49.63, "The 200's not my distance—I set myself for the 400."

Aided by a slow pace, Perkins stayed with Brown throughout the race and outouched him at the end.

Perkins saved his best for last as he attacked the first 800 meters of his 1500 race. The predominantly quiet, yet appreciative crowd, knew something special was happening as the announcer communicated that Perkins was well under the world record pace. His Australian teammates urged everyone to stand up and go crazy at about 700 meters when he was nearly a second-and-a-half under Salnikov's world record split.

Perkins touched with his hand at 800 meters to insure a better chance for the record, then turned, celebrated briefly and continued another 700 meters to win the mile in 14:59.79.

"He was disappointed after his 800 swim," said Australia's national team coach, Don Talbot. "He swam it too excitedly."

Asked when he thought he might go for the world record, Perkins answered, "That night (after he swam the 800 individual event). After that race, I knew I went out too hard. I thought I could do better if I controlled it.

"Once I hit the water, I just wanted to swim the first 100, see how I felt, see if I was still on pace at the 400 and, if so, just go for it."

In studying Perkins' splits, you can see that Perkins took it out much faster than Salnikov. He also learned from his individual swim two nights previous, took it out slower and built up his race to break the world record by 2.79 seconds:

Salnikov 7-4-86	Perkins 8-23-91	Perkins 8-25-91
57.17	54.94	55.92
1:56.18	1:53.72	1:54.40
2:55.46	2:53.31	2:53.38
3:54.54	3:52.94	3:52.54
4:54.00	4:52.96	4:51.97
5:53.27	5:52.88	5:51.63
6:52.61	6:52.98	6:51.31
7:50.64	7:50.68	7:47.85

With the fans still abuzz over Perkins' world record, nobody was quite expecting another landmark swim to take place—not even Jeff Rouse nor his medley relay teammates.

"We hadn't spoken one word about a world record before the race," Rouse said. "I think I surprised a few people."

Perhaps the bigger surprise was not so much that Rouse set the world record—he came within a tenth of David Berkoff's world mark of 54.51 when he won the 100 back on the first night of competition in a then personal-best of 54.67. It was more the fact that he bolted through another barrier, that of 54 seconds, with his 53.93 leadoff.

"I had no idea I had gone under 54 seconds," Rouse said. "I had to look twice—I wear glasses. It was pure elation."

It's difficult to compare world record splits with Berkoff and Rouse since there have been so many backstroke rule changes since the Seoul Olympiad. Berkoff was able to swim underwater for about 40 meters before breaking the surface. Rouse and his fellow backstrokers now have to emerge by 15 meters after the start and turn.

But Rouse has a new turn advantage which swimmers did not have in 1988 (although Rouse doesn't feel it's that much of an advantage—3-tenths tops), allowing backstrokers to roll over and make a flip turn, touching with their feet, rather than using the old crossover turn which required a hand touch before executing the turn.

Also, Berkoff goes out faster than Rouse. Rouse comes home stronger. Nevertheless, the comparative splits:

Berkoff 9-24-88	Rouse 8-22-91	Rouse 8-25-91
25.33	26.71	25.90h
54.51	54.67	53.93

"I watched a video of my 100 race, and I saw that I was taking 10 kicks off the turn," Rouse said. "I made 12 kicks in this race, and it brought me up in time."

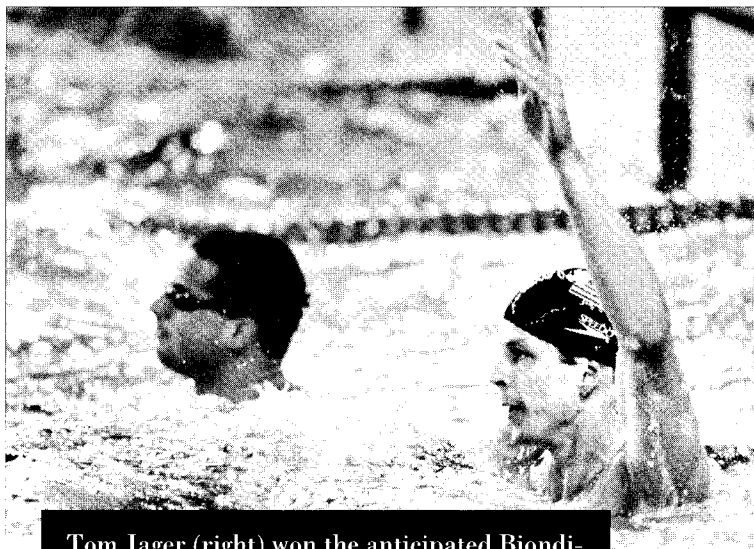
"The technical part of my race—I couldn't get much better. But I still don't feel great swimming, compared to last year."

Jeff, who also won the 200 back in 2:00.85 (7-tenths off his personal best) was able to share his world record moment with his mom, grandmother, sister and best friend.

"I think it's great that we finished off with two world records," Rouse added. "I'm really happy that the meet ended up this way."

The Canadians were happy that the meet ended up this way, too—not necessarily for the world records, but for Gary Anderson beating Americans Eric Namesnik and Dave Wharton in the 200 IM. It was the host team's only gold medal of the meet, and it gave the hometown fans something to celebrate, which they did.

The crowd erupted on the final 50 meters as if a world record might be set in the 200 IM. Rather, they were elated to see Anderson turn just behind Namesnik after the breaststroke leg to overtake the World Championships silver medalist in freestyle. He received a standing ovation when he won.



Tom Jager (right) won the anticipated Biondi-Jager showdown in the 50 free.

"It was kind of slow (Anderson won in 2:02.93, 3-tenths off his 1991 best), but it was a good race," Anderson said. "We've been talking about (winning a gold medal) for the last three days, but it's been pretty tough because the Americans are tough in every event, and if they're not, the Aussies are right behind them."

In the men's events, only Perkins and Anderson could disrupt the Americans' gold medal parade. And it was USA's stalwarts who continued their winning ways even though their winning times were slower than previous 1991 performances in all but two events—Rouse's 100 back and Mike Barrowman's 100 breast.

Namesnik captured his specialty, the 400 IM, in 4:18.40, well off his 4:15.21 American record set at the World Championships in January. World record holder Melvin Stewart won the 200 fly in 1:57.92, 2.23 seconds off his world record set at the beginning of the year and 1.23 seconds slower than what he turned in at senior nationals in Fort Lauderdale a week-and-a-half earlier.

Mike Barrowman, who had lowered his world record in the 200 breast for the fifth time just two weeks earlier in Fort

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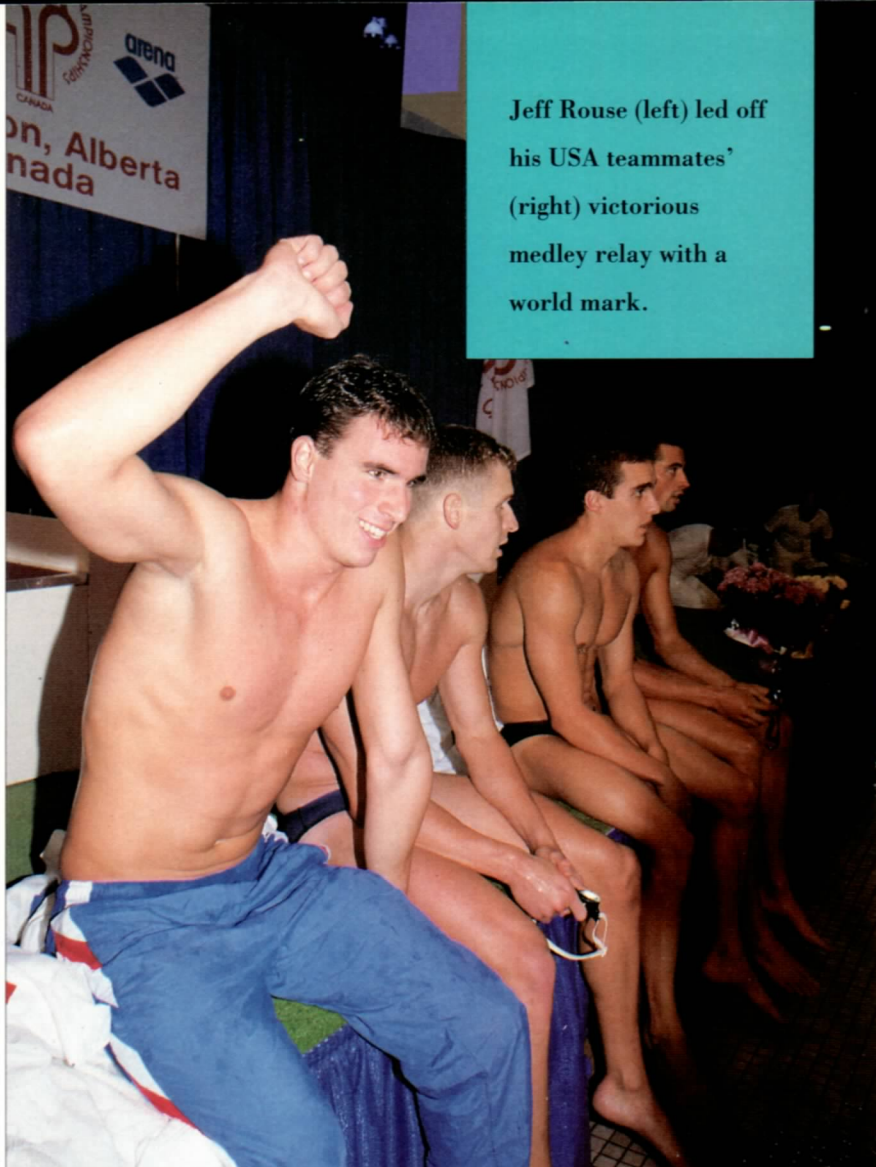
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Jeff Rouse (left) led off
his USA teammates'
(right) victorious
medley relay with a
world mark.

Lauderdale, captured both breaststrokes in Edmonton—an accomplishment in itself, considering Barrowman has never swum the 100 breast at a major international meet. His winning 200 time of 2:11.96 was well off his 2:10.60 world record, but it was still faster than anyone could muster at the European Championships, held simultaneously in Athens, Greece. It was also the fifth fastest performance all-time, all owned by Barrowman.

His winning 100 breast time was a personal best 1:02.02—a satisfying win since Barrowman was experimenting with the 100 breast.

“So far it’s been promising,” he said. “But if it takes anything away from my 200, forget it. My first and only love is the 200.”

Of course, he also admitted to his love for McDonald’s.

“I went out today and got a Big Mac, Quarter Pounder with Cheese, fries and a Coke”—his staple diet before his big races. “That was a savior!”

Barrowman knows that since the 100 breast became an Olympic event in 1968, nobody—man or woman—has won both the 100 and 200 breast at the same Olympics. Perhaps that was why he was experimenting with the 100 breast, but he readily admits, “I certainly don’t have the talent like (world record holder Norbert) Rozsa.”

Feeling halfway pleased after his 100 breast after the second night of competition, Barrowman made things perfectly clear two nights later after he won the 200 breast:

“You probably saw Mike Barrowman swim his last 100 breast,” to which teammate and bronze medalist Eric Wunderlich jokingly supported his statement. “The key with the 100 is rest. The key for the 200 is endurance. If anything’s going to interrupt my 200, it’s not worth it. Maybe I’ll change my mind. I’ll talk to my coaches. At least there’s five

days rest between events at the Olympics."

The other two American veterans to capture men's titles at Pan-Pacs were none other than Tom Jager and Matt Biondi. Still going strong at 26 and 25, respectively, they each won their world record events—Jager in the 50 free, 22.21 to Biondi's 22.30, and Biondi in the 100, 49.72, the only swimmer under 50. Biondi also added the 100 fly in 54.24 even though teammate Mark Henderson and Canada's Marcel Gery turned in faster prelim times of 53.81 and 53.89, the only two swimmers under 54 seconds.

"These guys were kind enough to slack off and make me feel good," Biondi said after outtouching Gery at 54.27 and Henderson at 54.32. He wasn't as happy after his 100 win, which was slower than his prelim time (49.51) and a half-second off what he did to win the gold medal at the World Championships in January.

"I'm just not swimming at the level I'm capable of," he admitted. "There's no guarantees in this business. I'm training hard—maybe it's going to pay off down the road."

The 50 free was on the meet's final day, and the anticipated showdown between Biondi and Jager almost didn't come off. The starter triggered the starting gun before some of the swimmers had even come down for the start. Rather than call a false-start, the starter let the field go, and Jager, who needed a 22.31 to qualify for finals, touched in 22.63. (Pan-Pac rules allow only two swimmers per country to swim finals, and Biondi and Crocker had already clocked 22.14 and 22.32 in prelims.)

"I was already in the shower and out of it mentally," Jager said. "I was ready for the season to end, but then we were told to get ready to swim again in about 10 minutes."

An appeal by Dennis Pursley and the Australian team was upheld, and the heat was reswum about a half hour later.

"The second time I was ready," Jager admitted. He clocked 22.31, just what he needed to bump teammate Steve Crocker from the finals.

"It was fortunate for me and unfortunate for Steve," Jager said. "He did his career best. I don't know if they would have reswum our race if the world record holder wasn't in the heat.

"My wife gave me two good-luck kisses tonight (in case they had to swim finals twice)."

Asked what he'll do between now and Olympic Trials, Jager, who has 13 of the top 22 performances all-time in the 50, said, "I'm going to taper!"

In the women's events, the American women continued their domination, winning 10 of 14 individual races. As expected, they were led by Janet Evans and Summer Sanders, who, together, accounted for five individual gold medals.

Evans captured her specialties, the 400 and 800 freestyles. She won the 400 in 4:10.45, two seconds ahead of teammate Kim Small at 4:12.57.

"I really like the 400," Evans said. "It's my favorite event. I would have liked to have gone faster, but I only had a 10-day taper for this meet."

It's also been an adjustment for Janet, who left Stanford to train with Mark Schubert this summer at Austin, Texas.

"Leaving Stanford was a big emotional experience, and I had to adjust to a new coach," Evans said. "But I trust Mark."

She also won the 800 in 8:28.69. In both cases, she's been faster this year—4:08.63 and 8:24.05 in January at the World Championships to lead the world in both events. Her winning

times at Pan-Pacs were still faster than the winning times at European Championships. She also leads the world in the 1500 free at 16:11.22 off her performance at senior nationals in April. But she elected not to swim the 1500 at Edmonton, opening the door for Australia's Janelle Elford to win the event in 16:26.27, her best for the year.

Since training with Schubert, Evans said she's concentrated on building up her endurance. "I put in a lot of hard work this summer," she said. "I'm not discouraged, I'll keep the faith. Hopefully, the base I have now will help me in March."

Evans is also becoming quite the 200 freestyler. Having won the silver medal at the World Championships in January, she improved her 1991 time to 2:00.64 (still about 4-tenths off her personal best) and finished just behind teammate Nicole Haislett at 2:00.31.

She failed to qualify for the 400 IM, however, because of the



Despite the tendinitis this summer, Sanders took home three gold medals—two in personal bests for the year.

two-swimmers-per-country rule for finals. Her 4:46.07 was the third fastest prelim time overall, but it was also the third fastest U.S. time, behind Sanders at 4:43.66 and Kristine Quance at 4:45.73.

But Evans, who finished fourth at the World Championships in 4:46.05 and won senior nationals with a 4:44.07, said, "This meet was a learning experience. I know what I need to do for Trials. I need to work on my speed and keep my endurance."

Summer Sanders had to deal with tendinitis in her shoulder this summer and admitted, "I didn't come here thinking about gold medals. I didn't know where I was at. I didn't know where everybody else was at, too."

And because of the tendinitis, she couldn't train as much this season nor did she taper fully for this meet. "It (the tendinitis) actually hasn't hurt me here," she said. "I did a lot of running and kicking in training. I couldn't do anything full force with my arms."

Despite the problem, her three-gold-medal performance had to be encouraging. On opening night, she won the 200 fly in 2:09.84, just 6-tenths off her gold medal swim at the World



The ever-popular Janet Evans, who won the 400 and 800, was a big hit with the fans.

Championships. The next night, she captured the 400 IM—an event she loves to hate (“I told Kristine Quance before the race, ‘In five more minutes, this will be over with and we can have a big cheer at the end of the race!’”). Her winning time was 4:41.46, four seconds ahead of Quance. It was Summer’s fastest of the year, about two seconds faster than her bronze medal performance at World Championships.

On the final night, Sanders added the 200 IM to her list of wins, again turning in a 1991 best time of 2:14.04, 2-hundredths faster than her silver medal swim at Perth.

“I was a little surprised,” Sanders admitted. “I didn’t expect my best times this year, better than the World Championships. I went into it with nothing to lose.”

Quance, who finished second to Sanders in the 400 IM, turned in one of the most pleasant surprises of the meet by winning the 200 breast with a career-best 2:27.55. She finished nearly five seconds ahead of the field and gave the United States a 1-2 world ranking in an event long considered to be a U.S. weakness. Teammate Anita Nall has the top time (2:27.08) from senior nationals in April and turned in a 2:31.10 to win consols in a faster time than the silver medalist.

Another pleasant surprise was to see Jenny Thompson win the 50 free in a personal best time of 25.77.

“25.80 was my previous best at the 1988 Olympic Trials,” Thompson said.

The difference in 1991? “(Women’s head coach) Mark Schubert worked with me on my start,” she said. “I used the track start for the first time. Mark explained it well. I just thought I’d try it, and I decided I like it.”

American records were turned in by Angel Martino and Janie Wagstaff. Martino is the former Angel Myers, and after a three-year hiatus, she showed she is, indeed, back. She sped to a

55.14 national record in the prelims of the 100 free, which just happens to be the fastest time in the world this year.

She came back to win the event in 55.34, beating the former American record holder and world champion, Nicole Haislett, who finished in 55.63.

“This is my first international meet (since Pan-Pacs in 1987),” Martino said. “It feels really good to be swimming. I missed it a lot.”

“I certainly had my doubts, especially the first six months when I got back in the water. When I first got back in swimming, I did it more for fitness. I realized how much I missed it. I couldn’t stay out.”

“Now I really feel motivated. I feel I still have a lot to accomplish. I’m just trying to get back in the groove. This is a good step.”

Janie Wagstaff lowered her own American record time of 1:01.10 in the 100 back from senior nationals in April to 1:01.00 when she captured the event opening night. But things weren’t quite as easy for her in the 200 back, although it seemed like she was breezing to a double win after 150 meters.

She had over a one-second lead on the field as she turned for the final 50, but New Zealand’s Anna Simcic reeled her in, as did Australia’s Nicole Livingstone, with Simcic grabbing the gold in 2:10.79, her best time by over two seconds. Livingstone got the silver with a 2:11.33, outtouching Wagstaff at 2:11.39.

Wagstaff’s time was a far cry from her 2:09.09 in April, but she just admitted she never got into the race. “It wasn’t because of my training, it was more mental. My attitude wasn’t there. There’s not a lot of enthusiasm here. We’re trying to create our own. And the meet is later in the season than we’re used to.”

“I was really tired before the race, and I haven’t been with my (club) coach for a long time.”

Many of the Americans, similar to Wagstaff, may have

thought the meet was lacking in enthusiasm, but that didn't seem to bother the Australians, who each day, led cheers for their swimmers and tried to get the fans into the meet as well.

Kieren Perkins was pretty impressed with his teammates: "We have a small group of people here, but we're the loudest by a mile. Everybody's swimming their fastest times—that sort of thing (the cheering) raises everyone's spirits."

It certainly helped for Susan O'Neill, who set a Commonwealth record in the 100 fly with a 59.93. She was the only swimmer under a minute, touching just ahead of American Crissy Ahmann-Leighton at 1:00.08.

Fellow Commonwealth record holder Linley Frame, world champion and world leader in the 100 breast (1:08.81), also won her specialty in a 1-2 Australian sweep with Samantha Riley. Her winning time was 1:09.98, but what was remarkable was the fact that she even was able to swim at Edmonton.

"I hit another car about five months ago," she said. "I hurt my ankle and had fluid around my knee. There was a lot of inflammation and fluid around the joint.

"I'm just learning to walk again. I had a cast on for three months and crutches a bit longer. The injury still bothers me quite a bit. I still have to sleep with a cast, and I'm still travelling with crutches.

"I just have to be tough enough to put it out of my mind. I was hoping I would swim again, but I just didn't know if I'd be here for Pan-Pacs. My coaches have been absolutely amazing."

PAN-PAC NOTES: The United States swept all six relays, including an American record performance by the women in the 4 x 100 medley. Janie Wagstaff, Kelli King, Crissy Ahmann-Leighton and Nicole Haislett clocked 4:05.98 (splits 1:01.09, 2:11.38, 3:10.97) to better the record from last year's Goodwill Games team which went 4:06.94....Haislett had a hand in all three winning women's relays. She joined Angel Martino, Whitney Hedgepeth and Jenny Thompson to clock 3:43.67 in the 4 x 100 freestyle. In the 4 x 200 freestyle, Haislett, Hedgepeth, Janet Evans and Sarah Anderson combined for a 8:03.70....After Rouse set the world record in his leadoff backstroke of the 4 x 100 medley relay, Mike Barrowman, Mark Henderson and Matt Biondi

followed for a 3:37.15 win. In the 4 x 100 freestyle, Shaun Jordan, Tom Jager, Jon Olsen and Biondi clocked 3:19.22. The winning time in the 4 x 200 freestyle was 7:19.77, turned in by Troy Dalbey, Dan Jorgensen, Joe Hudepohl and Olsen.

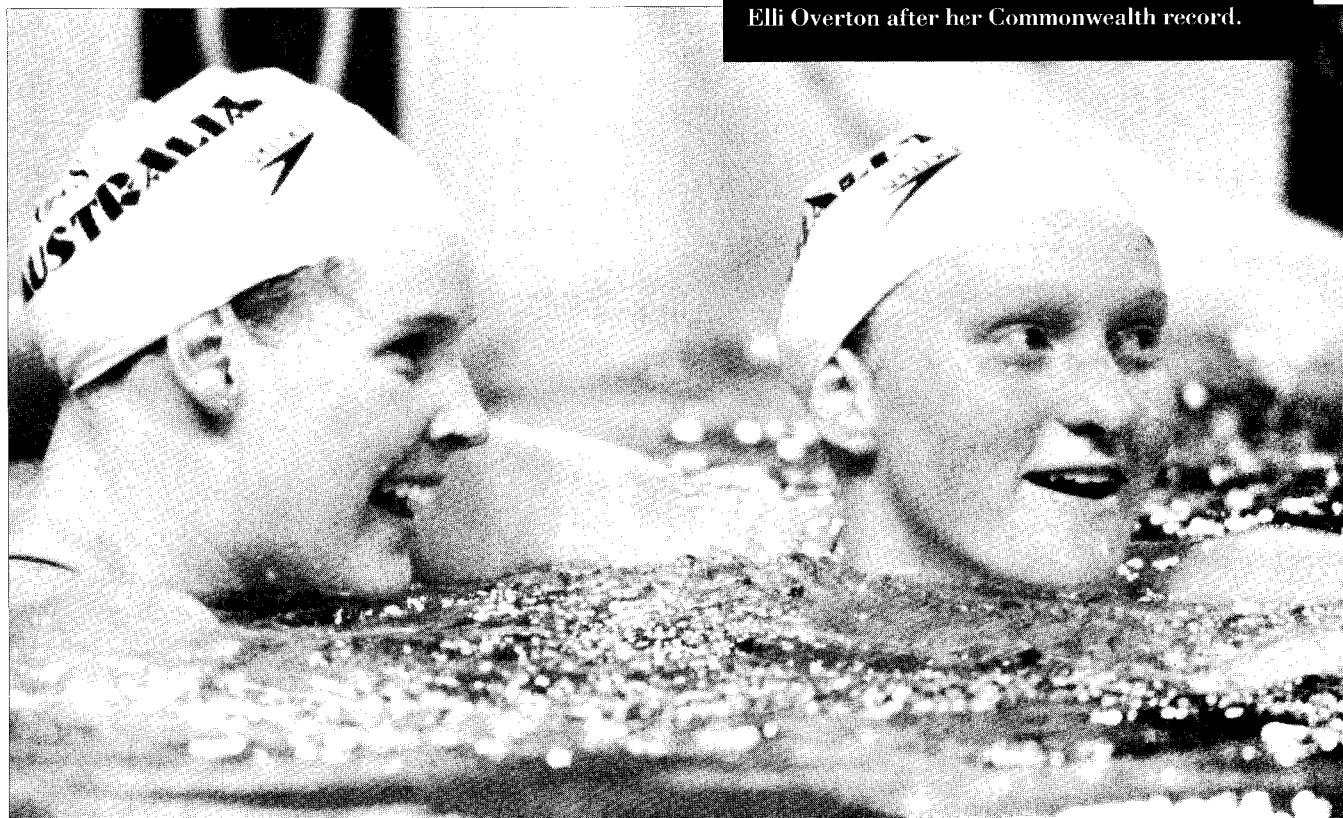
Kieren Perkins was named Male Swimmer of the Meet off his world record in the 800 free. Janie Wagstaff, who set an American record in the 100 back, was named Female Swimmer of the Meet....Canada's Mark Tewksbury officially made his country's Olympic team with his silver medal performance in the 100 back (55.19), which ranks him third in the world this year. His time established a new Commonwealth record. After taking a month off, he'll get back in the water to concentrate solely on his goals for Barcelona....

As in previous Pan Pacific competition, there were no limits on the number of swimmers who could swim prelims from one country. Only two swimmers, however, from one country were allowed to swim finals. If two made it to finals, then only one could swim in consols. The difference this year was that the two fastest qualifiers from one country were allowed to swim finals rather than the two "announced" swimmers per event. In other words, that opened the door for Angel Martino in the 100 free, who only placed fifth at the Pan-Pac qualifying meet in April. Nicole Haislett and Jenny Thompson had been the top two qualifiers, but Thompson was bumped to consols.

She also bumped Summer Sanders from the 100 fly and Leigh Ann Fetter from the 50 free. That rule also benefitted Jill Johnson in the 200 breast, who bumped Anita Nall, and Kristine Quance in the 400 IM, who bumped Janet Evans. The men who initially did not qualify among the top two based on their times at senior nationals in April or World Championships in January, yet advanced to finals at Pan-Pacs, were Jon Olsen in the 200 free (bumping Troy Dalbey), Jeff Thibault in the 100 back (for David Berkoff), Jeff Rouse in the 200 back (for Royce Sharp), Mike Barrowman in the 100 breast (for Eric Wunderlich), and Eric Wunderlich in the 200 breast (for Roque Santos).

For the first time in international competition, U.S. swimmers on the Pan Pacific team were eligible for monetary rewards—at least those swimmers who were not restricted by NCAA rules that prohibit acceptance of such monies. Through its Operation Gold program and the Olympic Coin Act, the U.S. Olympic Committee made available \$145,000 to be divided among the USA's eligible medalists. It was to be based on a point system where an individual gold medal would earn three points; silver, two; bronze, one. Relay members would earn three-fourths of a point for a gold medal, one-half point for silver and one-fourth for bronze. All of the eligible points would be added up, and the \$145,000 would be divided by this total to determine the dollar value of one point. Then, each swimmer's share would be determined by multiplying his/her points by the value of one point. These totals were not available at press time. ∞

Susan O'Neill (left) is congratulated by teammate Elli Overton after her Commonwealth record.



The Swimmers Who Saved Nationals

Zubero and Barrowman came at the last minute to set world records to highlight an otherwise lackluster U.S. meet.

By Russ Ewald

FORTLAUDERDALE, Fla.—A month ago, the Phillips 66 National Swimming Championships Aug. 6-12 at the International Swimming Hall of Fame pool held little promise for records of any kind. The U.S. national A team was scheduled to be at a training camp preparing the Pan Pacific Championships later in the month and the B

team would be in Cuba for the Pan American Games.

However, the outlook brightened considerably when U.S. Swimming national team director Dennis Pursley at the end of July granted permission for world record holders Mike Barrowman (200 breaststroke) and Melvin Stewart (200 butterfly) to compete at the national championships.

A month earlier, the pair asked that they be allowed to swim at the meet and appealed Pursley's directive that the national team training camp was mandatory.

Barrowman contended that he wanted as many opportunities as possible to lower his world record of 2:11.23. For Stewart, the meet also presented another chance for him to earn \$100,000 for setting a world mark. Bob Stupak, owner of the Vegas World casino, made that cash offer to the Las Vegas Gold swim team of which Stewart is a member. It's good for any meet where the swimmer represents the Gold, unlike the Pan Pacifics where Stewart competes for the national team as at the World Championships this January in Perth when he established his record of 1:55.69.

Although the U.S. Swimming Board of Review upheld Pursley, the national team director let them swim at the nationals on the stipulation that they agree to comply completely with next summer's pre-Olympic Games schedule.

A couple more record challengers, backstroker Martin Zubero and breastroker Seth van Neerden, were also unexpected entries in the meet, having not been mentioned in pre-meet publicity. Both trained in Fort Lauderdale—Zubero at Pine Crest and van Neerden with Fort Lauderdale—and wanted to swim in front of friends and supporters as well as sharing the desire of Barrowman and Stewart for an extra crack at a world record. Zubero is a dual citizen who swims for Spain and was preparing for the European Championships Aug. 18-25 in Athens. He had come within 46-hundredths of the 200 backstroke mark this April

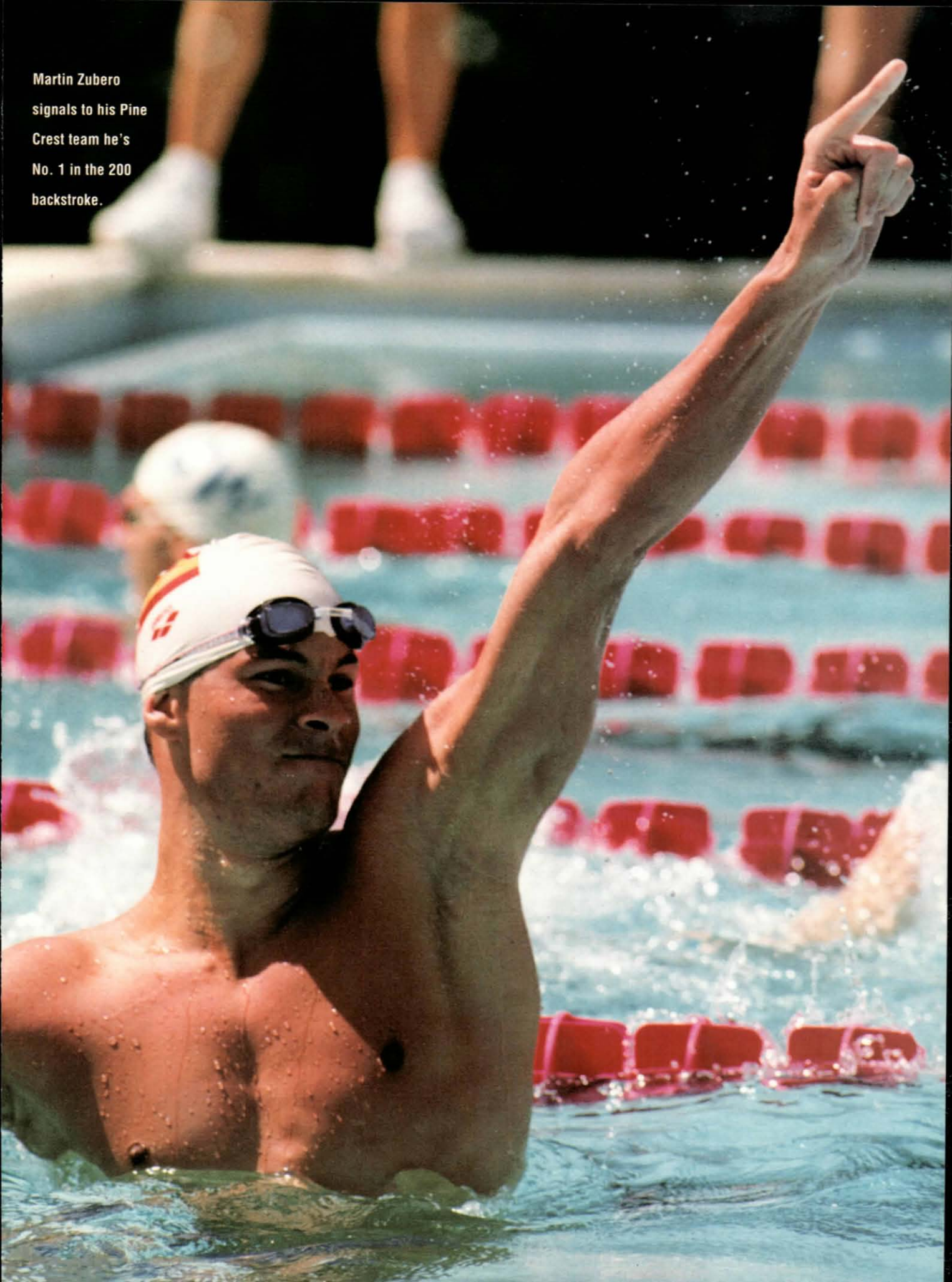
at the U.S. spring nationals with the fourth-fastest time ever of 1:58.60. At those nationals, van Neerden fell just 22-hundredths of a second short of the record in the 100 breaststroke. After Barrowman and Stewart were allowed to swim here, fellow Pan Pac team member van Neerden asked and received permission to do so also.

Zubero's schedule was to swim the 200 back on the second day of the meet and catch a flight to Athens the following evening. He could have left a night earlier as he reached his goal in the prelims. In spite of the disadvantages of an outdoor pool—facing a bright sun and with no roof to use as a guide to swim straight—he smashed the oldest men's world record with a time of 1:57.30. The old mark of 1:58.14 by the Soviet Union's Igor Poliinsky lasted since March of 1985, although it was bound to go with the new rule no longer requiring hand touches on turns effective this March.

In the past, the strong-finishing Zubero had gone out too slow to get the mark that he'd been seeking for the past two years. This time he split 28.36, 58.04 and 1:27.93 compared to 28.97, 59.82 and 1:29.80 on his 1:58.60 swim. The crowd started roaring when informed halfway through the race of the record possibility by boisterous public address announcer Charlie Santostefano, who coached Zubero as an assistant to Skip Foster at the University of Florida. Santostefano spurred on the spectator noise throughout the final 100 meters, shouting "This is one of the greatest swims of all time."

Afterward, Zubero ran into Santostefano and told him, "I heard you."

Martin Zubero
signals to his Pine
Crest team he's
No. 1 in the 200
backstroke.



COMPARATIVE WORLD RECORD SPLITS

Poliansky '85	Zubero '91
27.50	28.36
57.85	58.04
unavailable	1:27.93
1:58.14	1:57.30

The 22-year-old from Jacksonville said his only goal for this season was to break the record. Unlike in the past when he split his workouts between the backstroke and IM, most of his training this year was for the 200 back.

"I just wanted to go for the time," said the 6-foot-3, 189-pound Zubero, who trained under brother David at Pine Crest. "I thought I had a good chance to do it. I heard the crowd getting into it on the third 50. I knew I must be on it (pace for the record).

"It felt good and easy the first 100. With the distance training I've done, I knew it

would be hard for me to die the last 50."

While Zubero swam in a straight line in the prelims, he was all over his lane in the final. He completed the first 50 ahead of his record pace by 17-hundredths but lost ground the rest of the way and settled for a 1:58.85 victory. Trip Schwenk of Sarasota stayed close for half of the race before falling back. He was second in 2:00.65.

"I thought about it too much," said Zubero. "It just drained me mentally. Also, I took it out too hard the first couple of strokes and paid for it in the middle of the race."

Zubero thought it was good to race at a meet where the conditions are similar to that for the Olympics in Barcelona—an outdoor pool and hot and humid weather. Temperatures during the meet were high in the 90s and lows around 80 degrees with 90 percent humidity. The

Barrowman agreed that it was not the best of conditions at the meet. Again, though, the enthusiasm of the spectators helped push a swimmer to a second world record of the day. The Curl-Burke swimmer qualified far off his world mark of 2:11.23 with a time of 2:14.15 in a 200 breast heat and was behind the record splits throughout the final. He entered the final lap trailing by 6-tenths. However, as the noisy crowd urged him on, he mounted a furious charge to cover the last lap in a sizzling 33.61 and lower the mark by a

allowed to swim at the nationals made him feel he was less than fit for a record effort. Also, he aimed his taper for between this meet and the Pan Pacific.

By the end of the prelims, Barrowman had changed his mind. While eating the same meal—Big Mac, quarter pounder with cheese, french fries and a Coke—he's had each time before surpassing the record, the 5-foot-11, 165-pounder became positive he'd get the mark.

"I've never felt that confident before," he said.

COMPARATIVE WORLD RECORD SPLITS:

Mike Barrowman's 200 Breast

1989	1990	1991
Aug. 3	Aug. 20	July 20
31.10	30.72	30.38
1:05.13	1:04.81	1:04.01
1:38.98	1:38.63	1:37.29
2:12.90	2:12.89	2:11.53
		Jan. 11
		Aug. 13
		29.86
		30.12
		1:03.19
		1:03.69
		1:36.39
		1:36.99
		2:11.23
		2:10.60

sizable 63-hundredths to 2:10.60. The former Michigan star was never challenged, winning by nearly six seconds over runner-up Kevin Zielinski of Spartan.

"The difference between this record and all the others was pressure," said Barrowman. "People didn't expect it to happen at this meet, and to be able to do something nobody expects is always nice.

"This is the reason why I wanted to swim here: to be able to set a world record.

"I owe an enormous amount to the crowd. The place was going crazy. They pushed me to that world record."

Prior to the meet, the 22-year-old from Potomac, Md., didn't think he would be able to lower his record. The mental turmoil from his fight to be

While Zubero and Barrowman were able to set records without being pushed, maybe Melvin Stewart needs the hulking figure of Michael Gross, the now-retired West German with the 88-inch armspan, in the lane next to him. Stewart did 1:57.97 in his 200 fly heat the same day and completed the first lap of the final 23-hundredths under his record split of 26.34. The ex-Tennessee standout could not maintain that pace, though, and finished exactly a second off the mark in 1:56.69. The winning time was the sixth fastest performance of all time. Runner-up Brian Gunn of Club Wolverine was far back in 1:59.76.

"It helps if you're surfing off a huge German," acknowledged Stewart. "It's tough out there by yourself. The final 50



Hometown star
Seth van Neerden
(above) edged
Barrowman in the
100 breast.

backstroker was not impressed with the Fort Lauderdale pool, saying it was shallow compared to other pools used for national championships. The pool's depth is four feet, six inches at the ends and seven feet, three inches in the middle.

Photos by George Olsen

was really painful. I have to take my hat off to Mike Barrowman...2:10.6...That was inspirational."

Stewart and Barrowman were roommates in Perth where both set world records. "He is so focused," said Stewart. "He's not going to tell verbally tell you how to do it. You just have to mimic him."

"If only I roomed with him here..."

When asked if he was serious, Stewart replied, "I am half-kidding, half-serious."

Barrowman is becoming one of the best in the 100 breast, too. He doesn't always swim it because he thinks the shorter race adversely affects his stroke for the 200. But with the event coming two days after his specialty, he entered it and faced van Neerden in the most anticipated duel of the meet.

To put some life into the meet, loud rock music was played as the finalists marched to the starting blocks of each race. For the 100 breast, A C / D C ' s "Shook Me All Night Long" was played as requested by the 23-year-old van Neerden, who had the pull as a member of the host team. The biggest crowd of the five days, nearly filling the bleachers, watched the explosive van Neerden build a 6-tenths lead by the halfway point with a 29.08 split. With 12 meters left, Barrowman increased his tempo and pulled even at the finish. Only the electronic timing system separated the pair with van Neerden winning by 1-hundredth in 1:02.11. Barrowman's time equalled his personal best.

"It was exciting," said van Neerden. "I felt him com-

ing on."

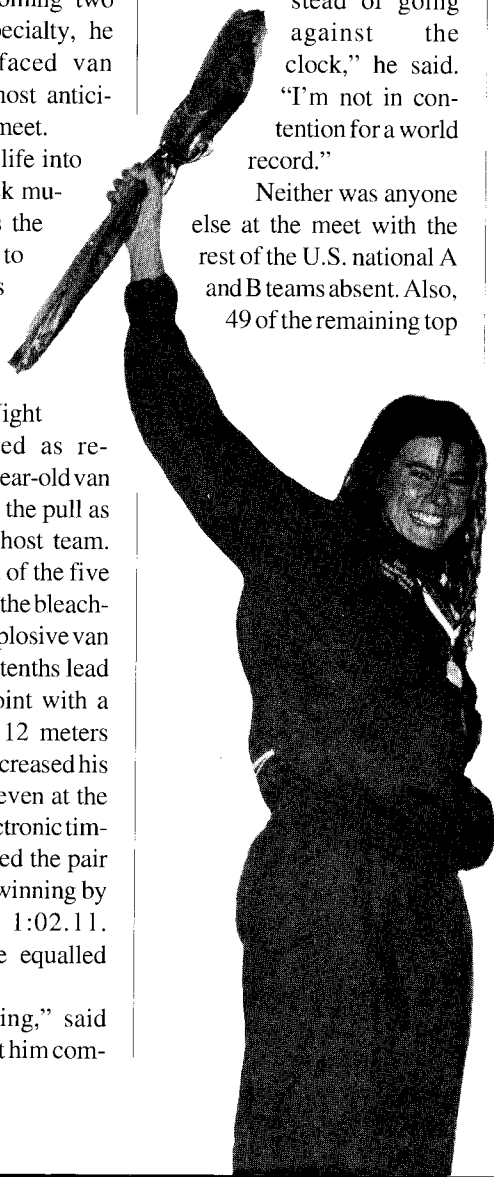
When asked about his time, he responded, "Eehhh, it's OK. Let's put it this way, I'm not satisfied."

"I got a great opportunity when Mike and Melvin opened the meet up to me. I owe them a lot. They gave me one more opportunity to swim a fast time and more than that, to swim at home in front of people who love me."

Fort Lauderdale coach Jack Nelson said, "I did think he could do it (set a world record) tonight. With a little more rest, he'll get the record. We just hope Barrowman doesn't get too much rest."

Barrowman says he's still learning to swim the 100. "I like it because I can race instead of going against the clock," he said. "I'm not in contention for a world record."

Neither was anyone else at the meet with the rest of the U.S. national A and B teams absent. Also, 49 of the remaining top



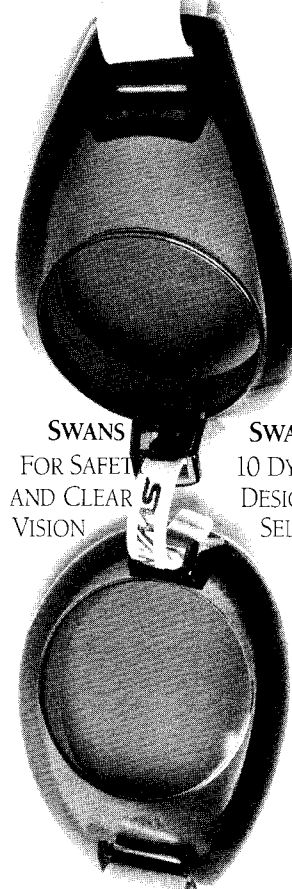
"I got a great opportunity when Mike and Melvin opened the meet up to me. I owe them a lot."

—Seth van Neerden

Fort Lauderdale, known for its sprinters, has a 50 free champ in Sarah Perroni.

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**Sheila Taormina
pulled away on
breaststroke to win
the 400 IM.**



swimmers were coming off competition at the World University Games July 15-21 in Sheffield, England.

Nonetheless, there were a couple of swift swims in the women's competition. Dara Torres, a two-time Olympian who came out of retirement in February, led off the Florida 400 free relay in 55.24 for the second-fastest 100 freestyle ever by an American at the time. (Angel Myers later set a U.S. mark of 55.14 at the Pan Pacs, bumping Torres' time down to No. 3.) Texas sophomore B.J. Bedford, who won the 100 back at the World University Games in 1:02.08, went 1:01.99 in the prelims to become the third American under 1:02 in the event. She joins U.S. record holder Janie Wagstaff (1:01.00) and retired Betsy Mitchell (1:01.20).

Torres often does her best times on relays or in prelims when she is more relaxed. She once held the U.S. record in the 100 freestyle from a relay swim of 55.30. The former University of Florida swimmer also did a 55.55 for the leading time in a 100 free heat but was edged in the final by teammate Paige Zemina, 56.09 to 56.19. For Zemina, a 1988 Olympian who also came

out of retirement at the start of this year, the winning time was a personal best.

In the 200 free, Torres turned the tables. She won in 2:01.68 while Zemina was fifth in 2:02.91 after qualifying first in 2:01.96. More of a drop-dead sprinter in her previous career, Torres had never broken 2:07 before this season.

"No one expected me to win which was nice," said Torres, 24. "It was a fun win."

That outlook will change. When asked if she will take the event seriously, Torres replied, "I think so. I don't have a choice. There is no turning back. He (Florida coach Mitch Ivey) knows now I don't mind swimming it."

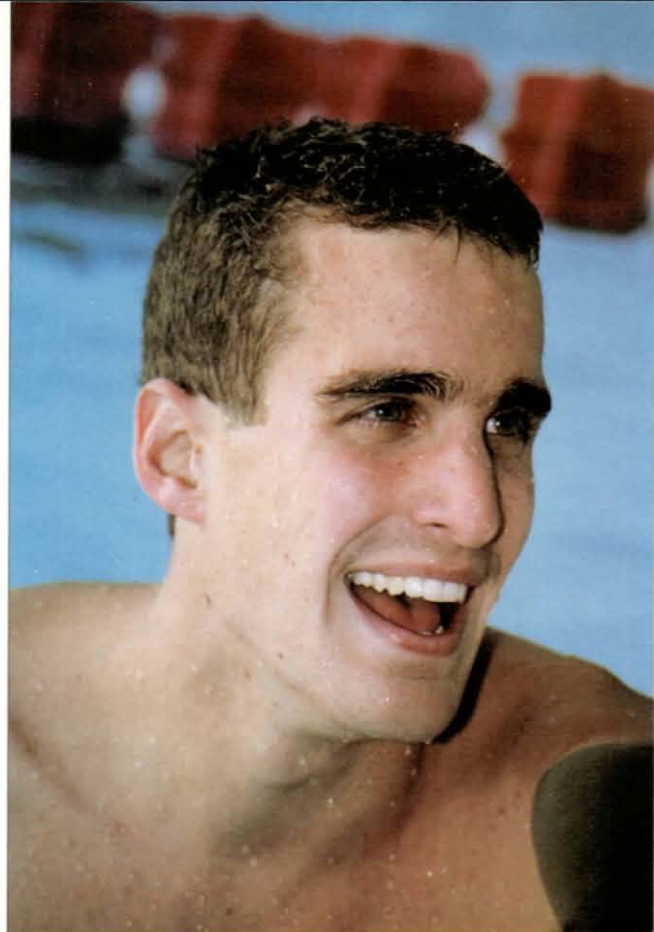
Besides the 100, she also narrowly missed wins in the 50 free and 100 fly to a couple of college juniors. North Carolina's Sarah Perroni, who was swimming for Fort Lauderdale, took the 50 in 26.00 and Paige Wilson of Georgia the 100 fly in 1:01.03. The one victory and three seconds made Torres the meet's female high-point scorer, the first time ever she's won the Robert J.H. Kiphuth Award.

Mitzi Kremer, an Olympian in the 100 and 200 frees, remains on the road to recovery from a serious shoulder operation in September of 1990. She placed eighth in the

**"No one expected me to win (the 200 freestyle)
which was nice. It was a fun win." —Dara Torres**

100 (57.55) and fourth in the 200 (2:02.85), far off her bests of 55.40 and 1:58.97. Kremer has yet to be able to train with the intensity necessary to return to that form but feels encouraged with her progress.

Bedford, the national high school record holder in the



Photos by George Olsen

100 yard back, split 30.32 in her fleet heat. When three-time national champ Anne Mahoney of Wichita slipped at the start of the final, the Texas standout had the race to herself and won in 1:02.43.

"I'm happy with my performance because this is the eighth week of taper," said Bedford. "I wanted to come here (after the University Games) and keep swimming, so I didn't get out of shape for next year."

**No swimmer can be
happier than Mike
Barrowman after
setting a fifth world
200 breast mark.**

the 200 back (2:14.68) and Foxcatcher's Julie Kole, titlist in the 400 free (4:15.54) and 200 fly (2:11.70). Kole, a member of the World Championship team in the 800 and former national champ in the 1500, skipped those events and swam the fly where she dropped from a previous best of 2:16.12.

"I decided to have a little fun this summer," said Kole, who also finaled in the 400 IM and 200 free. She'll swim the 200 fly and distance frees at the Olympic trials.

Kole, who is enrolling at Stanford, came back from a near-fatal auto accident last November. The jeep she was driving slid off a rain-slickened

Bedford has dropped from a best of 1:04.56 in 1990. "I have to attribute it to the training Mark (Schubert) has given me. It's different than anything I've done."

The only double winners in the women's competition were Wilson, who also took

A Successful Return

It hit Dara Torres this January when she was watching a 1988 Olympics tape at NBC network headquarters in New York where she was working as a sports research assistant. The glamour girl who grew up in Beverly Hills felt the urge to come out of retirement and return to competitive swimming.

Torres had accomplished a lot during her career, including gold, silver and bronze medals as part of U.S. relay teams in two Olympics; two world bests in the 50 meter freestyle and American records in the 50 and 100 meter freestyles; seven national and three NCAA individual titles. But viewing that tape made her mad because she hadn't fulfilled her ultimate goal of an Olympic gold medal in an individual event. The former Mission Viejo and University of Florida swimmer was only a relay performer at the 1984 Games and finished seventh in the 100 free in 1988.

"I figured this Olympics (next year in Barcelona) is the last chance to do what I wanted to," said Torres, who retired after the 1989 NAAs.

So the 24-year-old put her budding broadcasting career on hold and returned to Gainesville to train with University of Florida women's coach Mitch Ivey. She found out to her surprise that ex-roommate Paige Zemina, a 1988 Olympic relay swimmer, had returned to the sport a week earlier and was training under Ivey. Since Ivey had Nicole Haislett, the world champion in the 100 free, on his collegiate team, that made for some very competitive workouts. The rivalry among the trio in practice has been all positive, according to Ivey.

"Because they have different strengths and weaknesses, they help each other by example," points out Ivey. "Dara has the explosive start which Nicole needs to work on. Nicole has the strong finish which Dara is lacking."

The early results of the comeback have been startling. In late June at Charlotte, N.C., Torres nipped Haislett in the 100 in 56.44 and also took the 100 butterfly in 1:01.54. At the nationals, her 55.24 relay leadoff ranks as the third-fastest 100 free in the world this year behind fellow Americans Angel Martino (55.14) and Haislett (55.17).

"With six months left until the (Olympic) trials, I'm so excited to see what I can do with more background and strength," says Torres, who before doing so well at Charlotte was only looking to swim a 56 at nationals.

"I'm never satisfied with my times. I'm happy, but once you're satisfied you're not going to get anywhere."

Torres cites several reasons for her rapid success. She says she has a more mature attitude this time around, is now swimming for herself which is "as it should be" instead of doing it for coaches and parents and credits the coaching of Ivey.



Photo by George Olsen

"It's nice to have a coach that shows confidence in you rather than keeps its inside," she says, referring to the difference between Ivey and former Florida coach Randy Reese. "The workouts are hard but not as intense. Swimmers can laugh and have fun but still have hard workouts."

A couple of coaches came up to Torres and asked her not to tell their swimmers it's easy to swim those times with just a few months of training.

"We don't want to influence people that they can do it," says Ivey, whose other comeback project, 23-year-old Zemina, did personal bests in the 50 (26.36), 100 (56.09) and 200 (2:01.96).

"We're dealing with exceptional people. They took care of their bodies and stayed trim and fairly fit. It's easier to start trim and get muscle, then to have to lose (weight) and gain muscle. That allowed this to happen."

As far as the age factor, Ivey says, "Both those girls can continue to improve and get stronger. Their age is an advantage because they want to be here and not because of scholarship or parent pressure. These are adults. There is no more powerful motivator than within. They're having a good time, too."

There is one factor that may spoil the comeback party. Torres is still bothered by old injuries to her left shoulder and right hand. She had to get injections for both before coming to the nationals. After she retired, she had an arthroscope on the shoulder which indicated the need for reconstructive surgery because of a torn labrum. Being that she wasn't swimming anymore, Torres didn't get it done. She required three surgeries to correct a nerve problem in her hand—the third buried the nerve in a bone. Without that surgery, she wouldn't be swimming.

About finally finding a cure, the doctor told Torres, "The third time was a charm."

Torres says, "I'm using that philosophy going into the Olympics."

—By Russ Ewald

road and hit a tree and telephone pole, causing her head to strike the roll bar and knocking the 18-year-old unconscious. Her heart had to be restarted on the way to the hospital. However, she suffered only a concussion and torn tendon in a finger. She missed 10 days of training, yet went to the World Championships this January in Perth and finished 12th in the 800.

Blue Fins' Lars Jorgensen swept the men's distance frees (3:54.14, 8:02.56, 15:22.75) for the lone triple of the meet. Jorgensen is seeking to return to the form of three years ago when he went 15:10.17 to make the U.S. Olympic team.

"I wasn't expecting three golds," said Jorgensen. "I had a read bad winter season and haven't swum well in awhile. I didn't swim my best times, but I'm on the right track for the trials."

Jorgensen, who completed his junior season at USC this year, isn't returning to college this fall. Instead, he'll train with brother Dan, also a 1988 Olympian, under father Niels in Rancho Bernardo, Calif.

"Basically, I haven't done well at USC. I don't think I've got the training in because of the schoolwork. I have to put a lot of work in. It's mental. I'm not mentally as good when I haven't put work in."

Stanford sophomores Derek Weatherford and Trip Zedlitz tied for the men's high-point award, each winning two events and making finals in two others. Weatherford captured the 100 back (56.25) and 400 IM (4:22.39) and was third in the 200 back and fifth in the 200 IM. Zedlitz took the 100 fly (54.53) and 200 IM (2:02.81) and placed second in the 100 back and sixth in the 200 back.

For Weatherford, it was

his second Kiphuth award—the other coming at the 1989 short course nationals. Although he doesn't train much IM and focuses on the 200 back, the Swim Florida swimmer thinks he'll give the IM a shot at the trials.

"I think I can race anybody until breaststroke," he said. "I knew here I was on the same level with the competition. If I get my breaststroke working, I can compete with anybody."

Zedlitz, primarily a backstroker in the past, was not ranked in the top 15 Americans in either the 100 fly or 200 IM for 1990. The Kerr-McGee standout said he lowered his previous bests by almost three seconds in the 100 fly and four in the 200 IM.

"My long course times had leveled the past few years," said Zedlitz. "It was sort of frustrating. I went to Stanford last fall and the new atmosphere helped me a lot."

Doug Gjertsen of Texas, who turned down a berth on the Pan Am team, was the other double winner. One of four Texas swimmers in the 100 free final, he took command early in the last lap and won in 50.48. The 200 free proved more difficult as he barely held off Scott Jaffe of the Jersey Gators in 1:49.69.

"I took time off after the World Championships and then wanted to get a good background in for next year," said Gjertsen. "Because what you do (at the Olympic trials) is dependent on what you did (training) the year before."

Mary Ellen Blanchard, who won the 200 IM in 2:17.91, didn't take time off after the World Championships and paid a price. The Swim Atlanta competitor became so mentally and physically exhausted that she went

to see two sports psychologists and a doctor, who advised her to take three weeks off.

"I don't think I'm 100 percent," said Blanchard, whose best is 2:15.44. "If I was, I'd be going faster. I'll do that in March."

"I'm going faster than earlier this year. I had a hard time and didn't make finals in a couple of meets this summer. It shot my confidence."

"I never took a break after nationals last summer either. A lot of mental stress built up."

Besides taking a break, she switched teams from Dynamo and worked on stroke technique more than doing so much yardage.

"I realize I'm 14 anymore," said the 18-year-old Blanchard. "I can't go miles and miles and do so many events at meets."

Blanchard, the American short course record holder in both breaststrokes, didn't swim the 100 breast and was just seventh in the 200 breast.

Emily Short of Rio Salado (Ariz.) showed she's on the way back from a leg injury by winning the 100 breast in 1:10.79. The 15-year-old from Tempe had the fastest U.S. time in the event last year with a 1:10.01 victory at the Olympic Festival. But a groin muscle pull in December has hampered her progress this season.

"My therapist said I should be 100 percent in a month," said Short, who also left the Phoenician club. That club's pool was owned by Charles Keating before being taken over by the federal government after his Lincoln Savings & Loan went bankrupt.

Short was one of 10 first-time national champions. Besides Zedlitz, Perroni, Bedford

and Wilson, the others were Del Cerney, 21, of Gopher (Minn.) in the 50 (23.09) of the men's events; and Sarah Anderson, 16, from San Ramon Valley (Calif.) in the 800 (8:48.12); Kathy Hoffman, 20, of Dayton (Ohio) in the 1500 (16:40.40); Megan Kleine, 16, from Wildcat (Ky.) in the 200 breast (2:33.71) and Sheila Taormina, 22, of Fort Lauderdale in the 400 IM (4:51.29) of the women's events.

The victories by Perroni and Taormina helped Fort Lauderdale edge Florida, 354 points to 349, for the women's team title, its first national championship ever. Texas won the men's competition in a rout with 448 points. Gopher followed at 161. In the combined, Texas scored 727 points to take the overall title for the fifth successive time at nationals.

The Florida women and Texas men swept the relay. Florida won the medley in 4:14.43 and freestyles in 3:45.49 and 8:14.00. Texas took the medley in 3:47.59 and freestyles in 3:22.39 and 7:28.94.

For his runner-up finish to Barrowman in the 200 breast, Kevin Zielinski from Spartan received the Rookie of the Meet award in the men's competition. Dee Brown, who turned 13 four days before the start of the meet, earned the Rookie award in the women's events for a third place in the 200 free. The 6-foot-3 swimmer set NAG 11-12 records in the 200 and 400 frees (2:03.38, 4:19.48) a week earlier at the JO-West meet—the 400 mark even was faster than the boys' record for that age group. She bettered those times at nationals with a 2:02.60 in the 200 and 4:17.47 for fifth in the 400. ■

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Hungarian Rhapsody

World records by Hungary's Kristina Egerszegi and Norbert Rozsa highlighted the European Championships in Athens.



Photos by Simon Bruty/Allsport



What a year for the Hungarians!

Remember back to January and the World Championships. Tamas Darnyi scorched his way to a pair of world records in the individual medleys. His teammate Norbert Rozsa snapped a 100 breaststroke world record of 1:01.49 (a record that had previously been tied three times) by touching in 4-hundredths faster in 1:01.45.

And we couldn't forget the petite Krisztina Egerszegi, who continued to make her mark in the backstroke in Australia by winning both events but then saying, "I was hoping to break the record. That was my aim. I think I can go faster."

Well, we could have marked her words as Egerszegi added two new world records to her mantle of success, snapping the 100 back and crushing the 200 back marks at the European Championships in Athens, Greece, Aug. 17-25.

First in the 100, Egerszegi posted a split time of 29.82, which was slower than her split at World Championships (29.43) and slightly slower than Ina Kleber's world record split (29.67) from seven years ago. She finished extremely strong (30.49) to clock a 1:00.31. That mark shaved 28-hundredths from the world best of 1:00.59 set by Ina Kleber of East Germany in Moscow, Aug. 24, 1984.

When asked whether she thought she could go under the 1-minute mark, Egerszegi said in the French newspaper *L'Equipe*, "I don't like to predict the future. I will answer that question when I swim less than 1:00 in the 100 back.

"I am very happy and surprised. I was aiming for a time of 1:00.80," she added.

In the 200 back, Egerszegi was even more impressive. She slaughtered the record of 2:08.60 (Betsy Mitchell, June 27, 1986) by nearly two seconds by touching in at 2:06.62—2.53 seconds better than her time at World Championships and more than two seconds faster than her lifetime best.

In *L'Equipe*, Egerszegi said she swam very well. She also said that the new backstroke turn was to her advantage, but she felt she could swim as fast without the new rule.

Her victory in the 200 was Egerszegi's third gold medal. Earlier in the meet she impressively won the 400 IM in 4:39.78, the world's fastest time this year.

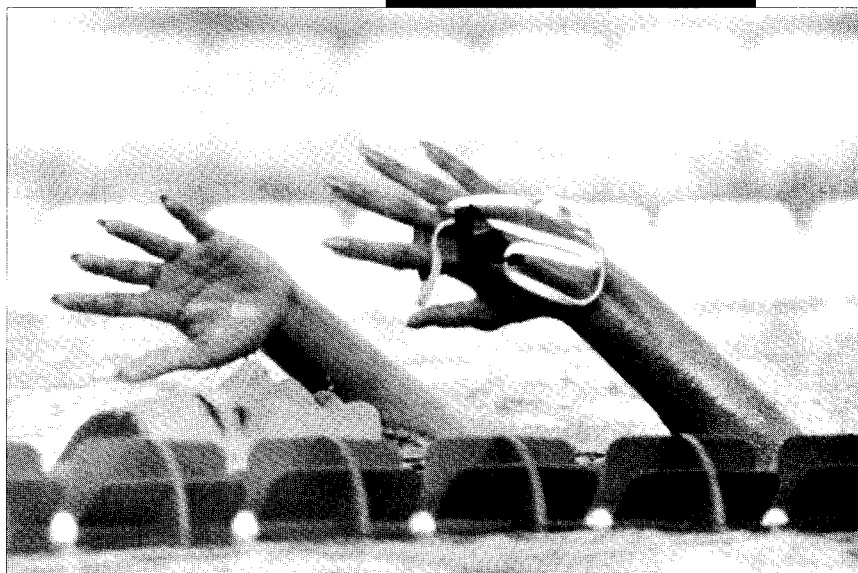
But don't assume she's done there. Egerszegi said she is convinced she hasn't reached her best.

That may not seem too pleasing to the second best backstroker in Europe—who also happens to be the second best backstroker in Hungary, Tunde Szabo. Egerszegi's teammate finished second in both backstroke events in times of 1:01.11 and 2:11.31, respectively.

Hungary had yet another great performance in Athens, this one from Norbert Rozsa.

After watching his 100 breaststroke record be tied by Vasily Ivanov of the

(Opposite page clockwise from top left) With world record holder Darnyi electing not to swim in the Europeans, Luca Sacchi took full advantage and won the 400 IM; Olympic gold medalist Daniela Hunger won her specialty, the 200 IM; and Hungary's Norbert Rozsa lowered the 100 breast world record in prelims.



(Above) Hungary's Egerszegi nailed down two world records in the backstroke.

Soviet Union two months earlier, Rozsa came back with a vengeance to retake the world record with a 1:01.29 in prelims (28.67 split, 2-tenths faster than his previous world record split Jan. 7, 1991). Then, oddly enough, he won finals in a time of 1:01.49—the same record time that had been tied three times previously.

Rozsa also won a silver medal in the 200 breast and helped his nation's 400 medley relay team win a bronze.

The Hungarians won seven individual medals (four gold and three silver)

and eight overall.

The unified German squad took home the most medals with 23 (18 individual). The best of the German swims came from sprinter Nils Rudolph, who set a European record with a 22.33 in the 50 free. In the women's 50 free, Simone Osygus brought a gold home for Germany with a winning time of 25.80.

Other gold medalists for Germany included Daniela Hunger, who won the 200 IM in 2:15.53, and world record holder Joerg Hoffmann, who won the

1500 in 15:02.57, well off his 14:50.36 standard from this year's World Championships.

Russia dominated the gold medal count, winning four relay events and five individual events. The team finished with 13 medals overall.

Leading the way for the Soviets was Alexander Popov, who equaled a European record in the 100 free with a 49.18. Popov said in *L'Equipe* that he dedicated the award to Mikhail Gorbachev and Boris Yeltsin while acknowledging his respect for France's Stephan Caron, whose record he tied.

Elena Rudkovskaia dominated the women's breaststroke events, winning the 100 and 200 far in front of the field in 1:09.05 and 2:29.50, respectively. Also nabbing gold medals for the Soviet squad were Evgeniy Sadovyi in the 400 free in 3:49.02 and Vladislav Kulikov in the 100 fly in 54.22.

The rest of the Soviet gold medals belonged to the relay teams as they won the women's 400 free and all three men's relays. Pavel Rhnykin, Gannadiy Prigoda, Veniamin Taiatovitch and Popov combined to set a new European record in the 400 free relay with a time of 3:17.11.

Four other swimmers took home a pair of gold medals for their respective countries.

Catherine Plewinski of France won two of her country's three individual gold medals, taking the 100 free in 56.20 and then the 100 fly in 1:00.32.

Mette Jacobsen's performance was nearly identical as she won the 200 free in 2:00.29 (the year's fastest time) and the 200 fly in 2:12.87 to win two of Denmark's three individual gold medals.

Norway's Irene Dalby won her country's only two medals, winning both the 400 free and the 800 free in 4:11.63 and 8:32.08, respectively. And Spain's Martin Lopez-Zubero won his pair in the backstroke events, winning the 100 and 200 in 55.30 and 1:58.66.

Other winners included Artur Wojdat of Poland, who won the 200 free in 1:48.10, Nick Gillingham of Great Britain (200 breast, 2:12.55), Franck Esposito of France (200 fly, 1:59.59), Lars Sorensen of Denmark (200 IM, 2:02.63) and Luca Sacchi of Italy (400 IM, 4:17.81).

—By Brady Bingham

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“B” Team Gets An “A”

HAVANA, Cuba—The United States swim team was referred to as “the cavalry” in the last week of the XI Pan American Games Aug. 12-16. When the swimmers arrived in Cuba, the U.S. was behind Cuba in gold medals by 23. Members of the U.S. delegation were hoping for a U.S. gold mine from the swimmers to make up the difference, and the U.S. swim team did not disappoint.

The United States swimmers won 11 of the last 12 races to temporarily put the U.S. in front of the Cubans. With all things considered—new culture, new climate, different food and the added pressure of the gold medal gap—this so-called “B” team did more than its share.

The team won 49 medals out of 58 chances. They won 24 gold, 14 silver and 11 bronze in the 32 events. On eight occasions, the American swimmers placed first and second in the same race.

Dorsey Tierney took the Pan Ams out of the dark ages in the 200 meter breaststroke. The meet record going into the competition was 2:35.53. Tierney swam 2:32.33 in the prelims and won the final in 2:28.69 on the second day of the meet. It was a big drop for this year’s NCAA champion and record holder. Her previous best was 2:33.19.

On day four, Tierney won the 100 breast with another Pan-Am record of 1:10.30. The old mark was 1:10.63. Again, the swim was a big improvement for the University of Texas senior from a 1:12.51.

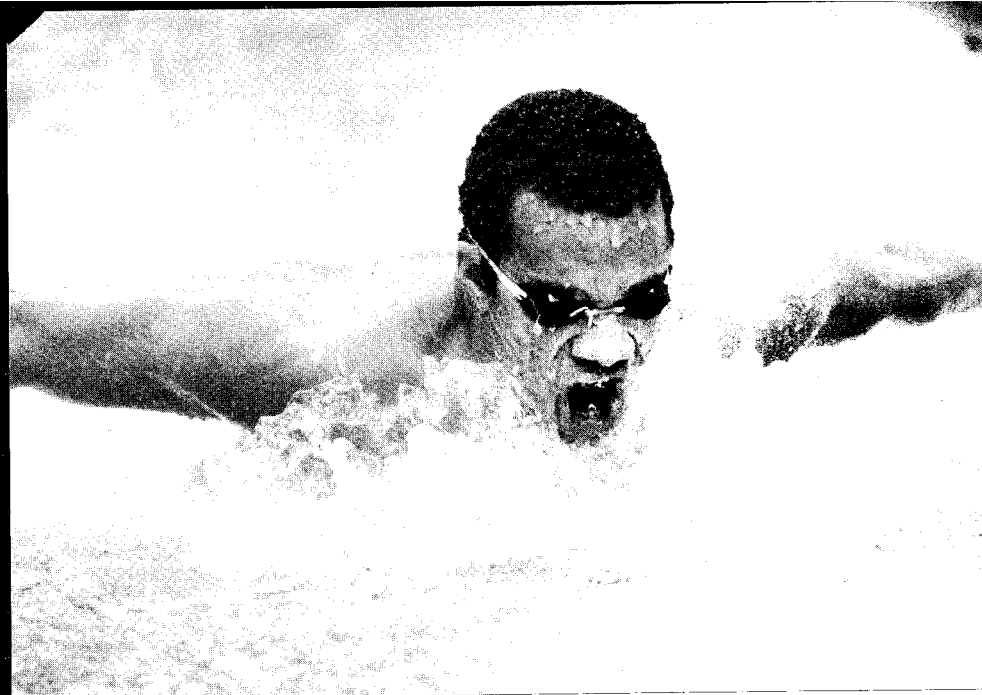
The next day she secured the U.S. gold medal in the 400 medley relay with a 1:09.99 breaststroke, widening an American lead from 6-tenths to 4.2 seconds. The winning time of 4:12.51 was a Pan Am record, bettering the mark of 4:12.99 by the 1987 U.S. team. On that night, the American swimmers put the U.S. team

ahead of the Cuba in the overall gold medal count for the Games with six successive wins.

The other U.S. victories went to former SMU standout Todd Pace in the 50 (22.60) by 1-hundredth of a second over Adam Schmitt; ex-UCLA swimmer Mark Dean, who came back from lung surgery a year ago to take the 200 butterfly (2:00.11); California junior Lisa Summers getting a personal best of 2:16.86 in the 200 IM; Peddie School graduate Jane Skillman doing 8:43.26 in the 800 to combine with former Stanford swimmer Barbara Metz for a U.S. sweep; and ex-Texas competitor Andy Gill repeating as 100 back champion in 55.79.

“We’re relieved,” said team captain Tierney. “When the swimming started, everyone said that swimming would make up the gold medals. Some people maybe expected it a little sooner, but you can’t win them all. We had a great night tonight and we showed that we’re the dominant force here.”

THE AMERICAN “B” TEAM WHICH TRAVELED
TO HAVANA FOR THE PAN AMERICAN GAMES
DOMINATED THE COMPETITION, TAKING HOME
49 OF 58 MEDALS, INCLUDING 24 GOLD.



Olympic gold medalist Anthony Nesty defended his Pan-Am title in the 100 fly.

Tierney joined teammates Skillman, Lisa Jacob and Ashley Tappin as the leading gold medalists with three apiece. Skillman, diagnosed as having mono in June, also took golds in the 400 (4:13.69) and on the 800 relay that set a Pan Am mark of 8:11.47. Jacob, a high school senior from Mission Viejo, also was on that team and the winning 400 free relay (3:48.88) and won the 200 free (2:02.06). Tappin, also a high school senior who comes for the LSU club, captured the 100

free (56.51) in the first race of the competition and anchored the 400 free and medley relays.

"I was in the training room with some wrestlers and track and field people, and they said, 'You're with the swim team, right? We're so glad that you are here. We need more gold, we need more medals,'" related Tappin.

In addition to Tierney and Skillman, Canada's Kristin Topham was a double winner in the women's competition. She

set a meet record of 26.01 in the 50 and won the 100 fly in 1:01.19.

Alex Kostich was the lone double individual titlist in the men's events. The Stanford senior repeated as 1500 free champion (15:21.36) and also took the 400 IM (4:23.96). Kostich benefited from teammate Sean Killion not being allowed in the 1500 because of an administrative error.

"I think I'd rather have had Sean in the race...gone a faster time and maybe have gotten a silver," said Kostich.

Ron Karnaugh produced the best performance of the meet, becoming only the third swimmer ever to break 2:01 in the 200 individual medley. Karnaugh won the event in a Pan-Am record 2:00.92 for the fastest 200 IM in the world this summer and behind only Hungarian Tamas Darnyi's world-record 1:59.36 this year.

Nelson Diebel set a Games' mark in a 200 breast heat of 2:15.71 before being beaten in a emotion-packed final on the fifth day of the meet. In the overflow crowd that night was Cuban leader Fidel Castro, making his only appearance for the swimming competition. His presence inspired an improbable upset by 16-year-old Mario Gonzalez in the 200 breast for Cuba's first gold medal ever in international swimming. The winning time of 2:15.50, bettering Diebel's mark, represented a huge drop for Gonzales from a year ago when his best was 2:22.03. The Cuban youngster was carried around the pool by his teammates to the delight of the enthusiastic spectators. Diebel was second in 2:16.08.

"He said something in Spanish," said Diebel, about receiving the silver medal from Castro. "He seemed very genuine. I was very impressed. Obviously, he was happy because his country had won a gold."

The U.S. team missed out on a sure gold in the 400 free relay because of a disqualification in a heat when John Miranda short-armed the wall and anchor Bob Utley jumped 3-hundredths of a second early. Brazil won the final in 3:23.28. The Americans routed the opposition in the other two relays, taking the medley in 3:42.84 and 800 in 7:23.39.

In another upset, Brazil's Rogerio Romero overtook Dan Veatch, a 1988 U.S. Olympian, to win the 200 back in 2:01.07. Veatch, 26, announced his retire-

Photos by Tim Morse

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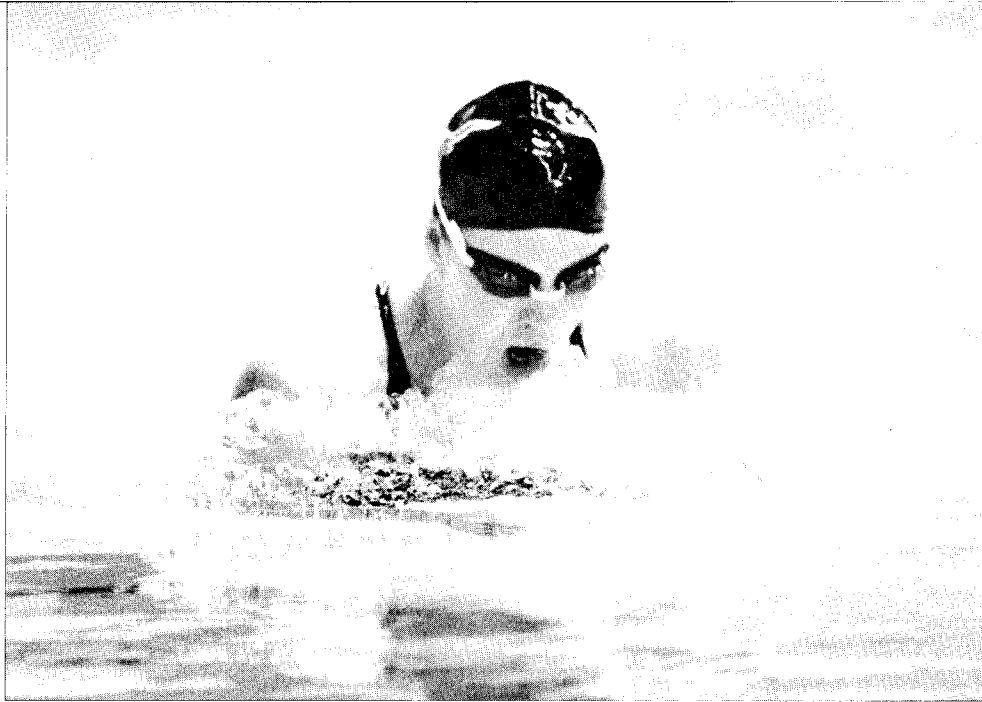
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ment following the race. "This was certainly a yardstick for me," he said. "There's some young talent in the 100 and 200 backstroke in the United States and it's time to pass the baton. It's not something that just occurred to me. I think you reach a point when you know it's time."

Killion and Eric Diehl were the other U.S. swimmers to establish meet records. Former California star Killion bettered the Pan Am 400 free mark twice with a 3:51.61 in the prelims and 3:50.38 in the final. Diehl needed his 1:49.67 to edge Bolles, Fla.-trained Gustavo Borges of Brazil in a come-from-behind effort. Borges, who won the 100 in a Pan Am record 49.48, was timed in 1:49.74.

"My last 50 meters...when you're breathing to your left and you see the American flag, you can't lose. You can't let yourself lose," said Diehl, who is from Mission Viejo.

There were five repeat Pan Am champions. Besides Tierney in the 200 breast, Gill and Kostich, defending their titles were Olympic gold medalist Anthony Nesty of Surinam in the 100 fly (53.45); Costa Rica's Sylvia Poll in the 100 back



Team Captain Dorsey Tierney turned in an impressive 4.5-second drop in the 200 breast.

(1:03.15); and Alex Kostich from Stanford in the 1500 (15:21.36). Nesty's 100 fly was the fastest in the world this summer.

Other gold medalists were Stanford senior Dede Trimble in the 100 back (2:15.80), ex-Ohio State performer Susan

Gottlieb in the 200 fly (2:12.35), Texas junior Amy Shaw in the 400 IM (4:50.39) and former Texas swimmer Hans Dersch, who did a personal best of 1:02.57 in the 100 breast.

—By Charlie Snyder

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WHILE IN HAVANA, THERE WAS MUCH TO LEARN
AWAY FROM THE NATATORIUM WHERE THE
PAN AMERICAN GAMES COMPETITION TOOK PLACE.

BY BRUCE FURNISS



The following story is written by Bruce Furniss, who was an assistant team manager for the USA Pan American Games team in Havana, Cuba. As a swimmer in the 1970s, Bruce set 10 world records and won two Olympic gold medals at Montreal in 1976.

Today he is a managing director and partner with Sperry Van Ness, an investment real estate brokerage firm located in Ontario, Calif.

His gait was ungainly and his speech somewhat slurred as we meandered through the cobblestoned streets of Habana Vieja. He approached us speaking Spanish, convinced we were undercover *policia*. As our ten-minute walk turned into an hour-long adventure, amongst an area many Americans would akin to a blighted inner-city, my mind ventured to a well-traveled real estate client back home who had implored me to make sure and meet the “man-in-the-street.” As we walked, I sensed the rare insight this moment might provide. I was excited.

It was hard to confuse us for much more than the out-of-town guests we were. It was 8:30 at night and we were all wearing our staff “uniform of the day”—black nylon shorts and white collared shirts with red piping, each boldly emblazoned with “USA National Swimming Team.” We were in Havana for the XI Pan American Games but would have looked just as out of place in our color-coordinated outfits in Anytown, USA. But we thought we looked good and, at least, we were as comfortable as could be in the humid and scorching hot Tropic of Cancer weather. Shorts were daily attire for us *norte Americanos* not used to the intense Cuban sun and quite uncommon among the Cuban commoners adorning polyester fashions often associated with the styles of the mid to late '70s. Ironically, it was our shorts attire, along with our Pan American credentials hanging from our necks, which finally persuaded our new-found friend we were tourists and

not *policia*.

I was with two other U.S. swimming staff members—Joe Bernal, head U.S. men’s coach, and Peddie Aquatics’ Chris Martin, assistant U.S. men’s coach. Many of us found the food in the village less than palatable, so we sought daily refuge amongst the city’s tourist-oriented restaurants. One of our favorite places to frequent for dinner was La Bodequita del Medio, a popular eatery made famous by American author Ernest Hemingway. Head U.S. women’s coach Dick Shoulberg’s daily regime included rice and beans from this Hemingway hangout. This particular night, however, we passed on dinner and walked through an area not far from this landmark.

I enjoyed being with Joe and Chris as we recounted anecdotes and swimming stories from the '60s and '70s. As for being in Havana, it also helped that Joe was fluent in Spanish. However, it was Chris, a political science major at Yale and the son of a Haitian mother, who had tremendous insight and opinion about Cuban and Caribbean history. It was obvious Chris was well-read as he recounted world events and issues which led to present-day Cuba. His grasp of U.S. foreign policy enlightened me even more in understanding why our government is recalcitrant in developing friendly ties with the Cuban government.

I remember having chuckled earlier in the evening during our cab ride downtown when we saw the one blatantly noticeable sign of the Cold War—a lone disarmed missile monument on Havana’s north shore poignantly aimed, I’m sure, at the imperialists only 90 miles away. Chris loved to discuss the modern-day relevance of the missile crisis and how Castro had prevailed over U.S. foreign policy and the Monroe Doctrine in acquiring a guarantee from President Kennedy that his country would not be invaded in spite of its Communist ties and inherent threat to U.S. national security.

When we met up with our Cuban friend, I was more than curious to know if the American perspective of Cuba was all propaganda or obvious fact. It seemed as though the Cubans in the village and the interpreter assigned to our team always spewed the government line, glorifying "El Jefe" and the revolution. They seldom swayed in stating any opinion of dissent. This night was different.

Our friend stated his name was Jorge. He spoke fairly fluent English, a rare trait among commoners from the street. Jorge was also savvy. He was as curious of us as we were of him. As we walked, he would bombard us with questions about our hometowns. However, upon approaching each street block, Jorge would abruptly break into speaking only Spanish and exposing reams of revolutionary propaganda.

At first I found this strange. Then I noticed that only at street corners were there street lights and policemen on foot blowing his cover of obscurity. Fearing that being seen with us could cause him trouble, he would make sure to speak loudly and clearly. This was to insure the policemen within earshot understood he was "purifying our minds and ears" with relevant government propaganda. Amazingly, not ten yards later, out of earshot and safely back in the shadows of dimly lit mid-block, Jorge would again begin speaking English, resuming his bombardment of questions. He bordered on being pesky, and we quickly grew uncomfortable, not for our safety, but his. It was obvious his mere open association with us would lead to many questions from neighborhood informants and police alike. Our presence, especially in uniform, was quite obvious.

Jorge told us he had not eaten meat in over seven months and that his daily consumption of bread and eggs were rationed. We found this ironic as we walked among an area of the city where restaurants openly attract foreigners and their hard currency. Commoners like Jorge were not welcome in them, nor were their Cuban *pesos*.

Jorge persisted. Then he dropped a bombshell. He reached into his wallet from which he pulled a handwritten, very much wrinkled and aged, meticulously folded piece of paper. On it was the name and address of his parents. They lived in Elizabethtown, N.J. His parents left Cuba in August of 1959, eight months after the fall of Bautista. He, unfortunately, was unable to leave with them. As a result, he has not seen his parents in over 30 years.

By now we grew leery of his motives.

Why was he taking such a risk to be seen with us? Was he going to ask for our help? Would we even help him, if he asked? We collectively decided, for Jorge's sake, we needed to break ties before he asked us something we were unable to provide. Being seen with us for close to an hour already surely left him in a very precarious position.

We came to a major highway, blocks away from the revolutionary museum, our eventual destination. It was here our journey had an unspoken conclusion. We simply crossed the street. Jorge did not. There were no formal goodbyes or handshakes, just a simple wave of the hand. Once safely across the street, I looked back for Jorge. His face looked pained and his eyes that of a wounded puppy. He knew we, alone, could not help him experience freedom. But for a brief moment he felt close to us and, thus, his family. As we caught each other's eyes one last time, Jorge raised both hands flashing the victory sign. In his heart his struggle continues, and Jorge's spirit surely will prevail.

As I reflected later that night, I realized how warm and wonderful the Cuban people are. It is our governments which prevent us from knowing more of each other. Sure, many Cubans have adopted their government's party line merely to survive. However, if Jorge is any evidence, a great many Cubans know there is more. Many know the world outside offers countless and limitless opportunities. I felt pity for Jorge as if he were the most beautiful of birds cramped and confined in the smallest of cages. He deserves the right and the freedom to stretch his wings, seeking to soar above the highest of mountains and to show his brilliant colors. But, unfortunately, his country's system, in an attempt to provide equality for all, stifles his own creativity and individual incentive. I thought that night how truly blessed I am to be an American and how much more enriched I had become by visiting Cuba.

Four days later, while waiting to depart Havana's Jose Marti Airport for Miami, Fla., a CNN newsperson informed me of the failed coup attempt against Mikhail Gorbachev and the Soviet government. As I walked to the plane, I noticed the symbolic significance of the Soviet Aeroflot jet parked on the tarmac. In the short two weeks I was in Cuba, the world outside had changed tremendously. I recollected the irony in thinking the Soviets should now trade with Cuba their newest export—freedom and democracy. I left Cuba hopeful, knowing someday the doors to Jorge's cage would open, finally allowing him to soar amidst the clouds.

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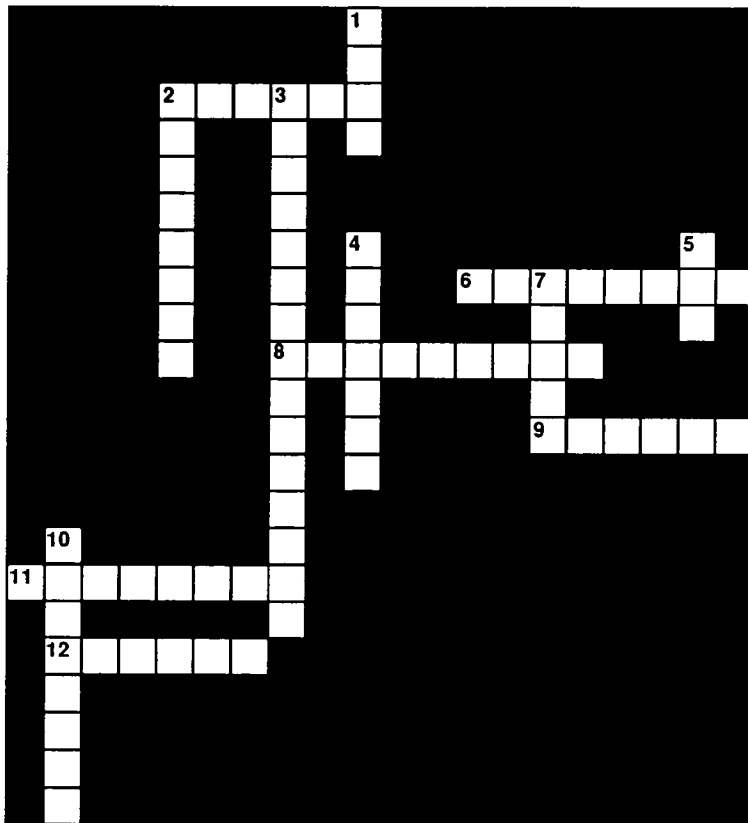


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ACROSS

2. President of United States Swimming
6. ISHOF Past Chairman of the Board and 1990 recipient of the Charles McCaffree Award.
8. 1990 ASCA Coach of the Year
9. Head swimming coach at ISHOF
11. NCAA's new rule change that requires the starting end depth be no less than this (2 words)
12. Head diving coach at ISHOF

DOWN

1. Current world record holder in the women's 50 freestyle
2. Mike Barrowman graduated from this school in June 1991.
3. 2 across was here prior to his current position (4 words including abbrev.)
4. Head swimming coach of Mission Bay
5. Perfect diving score
7. Head coach of Las Vegas Gold
10. Home state of U.S. Swimming and U.S. Water Polo

TIME LIMIT: 10 minutes
For answers, see page 61.

ISHOF Riddle

This ex-swimmer is a true friend to many athletes across the nation, especially in the Far West. It can even be said that he suits them well. Can you name him?

For answer, see page 61.



The "Games" section of *Swimming World* is made possible by Uncle ISHOF and his friends at the International Swimming Hall of Fame (ISHOF), a not-for-profit educational organization located in Fort Lauderdale, Fla. The Hall of Fame is dedicated to the advancement of the aquatic sports and to those who have distinguished themselves within these sports. ISHOF Games are sponsored by Alamo.

ISHOF GAMES

Uncle ISHOF's Trivia Quiz

For answers, see page 61. **TIME LIMIT:** 15 minutes

- What is the highest individual bronze medal count in Olympic swimming history?
a. 2 b. 3 c. 5 d. 6
- Mike Barrowman has gone on to break several world records after eating McDonald's fast food. What does his winning combination consist of?
a. Filet-o-Fish, fries, Coke
b. Quarter Pounder, Filet-o-Fish, fries, Coke
c. Big Mac, Quarter Pounder with Cheese, fries, Coke
d. Big Mac, Quarter Pounder, fries and a Coke
- How many Americans have won the women's 200 meter breaststroke in Olympic competition?
a. 1 b. 2 c. 3 d. 0
- Which two super heroes did Hall of Famer Buster Crabbe portray during his acting career?
a. Superman c. Flash Gordon
b. Aquaman d. Buck Rogers
- Where was the first women's collegiate national swimming championships held?
a. Los Angeles c. Gainesville
b. Fort Lauderdale d. San Francisco
- Which former collegiate swimmer went on to become a U.S. Ambassador to the United Nations?
a. Andrew Young c. Ronald Reagan
b. Donna de Varona d. Barry Goldwater
- Which All-America water polo player won nine consecutive individual NCAA Division I swimming titles and completed his collegiate swimming career without losing a single race?
a. Tim Shaw c. Roy Saari
b. Terry Schroeder d. Matt Biondi
- Who is the most renowned illustrator in the sport of swimming?
a. Charles Schultz c. Ray Nelson, Jr.
b. Howard Firby d. Ted Keller
- Where will ISHOF-Japan be located?
a. Osaka c. Tokyo
b. Nagoya d. Hong Kong
- Which university's aquatic complex is in the middle of its football stadium?
a. Florida State c. Minnesota
b. Notre Dame d. Georgetown

Uncle ISHOF's Word Jumble

Unscramble the four aquatic words.

For answers, see page 61.

- Swimming: _ _ _ _ () _ _ _ _ () () _ _ _ _ _ _ _ _ IORGIGO BMAERITL
- Diving: _ () _ _ _ () _ _ () () _ _ _ _ _ _ _ _ CKTIRPA REFJFYE
- Polo: _ _ _ _ () _ _ _ _ _ _ _ _ () _ _ _ _ _ _ _ _ TEEP NUITOC
- Synchro: () _ _ _ _ _ _ _ _ _ _ () _ _ _ _ _ _ _ _ TKIRNES ABBB

CLUE: 1991 Pan American diving champion

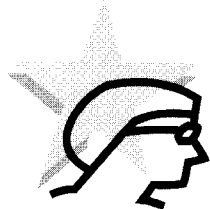
RIDDLE: "You'll be seeing more of this face in the future."

The crossword and the trivia questions both have a time limit. If you can finish both sections in the allotted time, write to ISHOF Hall of Games, One Hall of Fame Drive, Fort Lauderdale, FL 33316 for a prize (honor system). ISHOF Games are sponsored by Alamo.

NATIONAL TEAM

BY DENNIS PURSLEY

Being Your Best



Program Focus

In a sense, preparation for major international competition begins when a young age

group swimmer steps out on deck for his or her first workout. The more our program at all levels is focused on preparing our swimmers to "Be The Best That They Can Be" at the senior level of competition, the more successful we will be in the World Championships and Olympic Games. Just as continuity is essential to the success of an individual club program, it is critical to the success of United States Swimming as a whole. The work ethic, team concept and goal orientation need to be established early in the development of our potential gold medalists. If we can accomplish these objectives, we will realize the full potential of United States Swimming and all of its members will become winners in the true sense of the word. We have identified several factors that will have a major impact on the success of the National Team program. The following paragraphs will review the current status of these factors:

Work Ethic

There have been a number of influences throughout the decade of the '80s that have tended to erode the work ethic of competitive swimming in the United States, particularly in our distance programs. Unfortunately, the recent NCAA legislation could make it even more difficult for our athletes and coaches to make the commitment necessary to be the best in the world. This is all happening at a time when some of our toughest competitors are making an unprecedented commitment to preparation for major competition. They have become full-time athletes in the truest sense, devoting up to eight hours per day to intensive training. This level of commitment is obviously not appropriate for

our young developing swimmers or even for most of our senior swimmers. But it is appropriate to nurture a deep appreciation for the work ethic among our developing swimmers. It is to their benefit and to the benefit of our sport that they learn to welcome a challenge and make the most of the time that they are able to commit to their preparation. If we can succeed in developing this attitude, we can overcome the negative influences that our swimmers must contend with, and our athletes will enjoy one of the greatest benefits that our sport has to offer. If we lose the work ethic, we lose the heart and soul of our program.

Teamwork

Teamwork is critical to the success of United States Swimming in a broad sense and to the success of the National Team program in a more specific way. United States Swimming must function as a large team if we are to realize our maximum potential. Athletes, coaches, volunteers and administrators must interact in a coordinated and cooperative manner. Continuity of philosophy and purpose must run from the grass roots base up through the National Team program. A unified group effort will achieve much more significant results than the collective total of independent efforts. There is a time to debate, analyze and constructively criticize. But there also comes a time to put aside individual differences of opinion to support the group effort. We all have an important role to play in the overall scheme of United States Swimming and it is important that we accept the responsibility to make a positive and productive contribution. In return, we can *all* take pride in the accomplishments of our program at *any* level.

Any success that the National Team has enjoyed during the past two years can probably be attributed more to teamwork than to any other influence. In order to make a total commitment to a team effort, an individual must be will-

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ing to make personal sacrifices and forfeit certain individual privileges. The benefits to be gained from this type of commitment far outweigh the personal sacrifices that must be made. A positive, cooperative and supportive contribution from each member of the team will guarantee team success and will increase the probability of individual success for each team member. Unfortunately, those who haven't experienced this "magic" are sometimes skeptical and reluctant to cooperate. That is why the team orientation must be ingrained over a period of years beginning with our grass roots program. Team goals must be established and pursued at every level of competitive swimming.

Team Focus

At the 1989 Convention, the USS House of Delegates passed legislation which resulted in a long course Spring National Championships for 1991. The debate continues as to whether this was a step in the right direction. Just as a part-time athlete is disadvantaged in compe-

tion against a full-time athlete, a swimmer who has been preparing for long course competition for part of the year will be disadvantaged in long course competition against a swimmer who has been preparing for long course competition the entire year. The seasonal switch in focus is another inconsistency that fragments our program and handicaps our swimmers in international competition. When we handicap our elite level athletes, the negative repercussions are felt down through the ranks. The myth that short course competition is more exciting than long course competition is no more valid than the myth that sprint events are more exciting than distance events.

Some of our coaches accurately point out that short course training can be more conducive to the development of speed and turn skills. But there is nothing in the new legislation to prevent this type of training from being integrated into our long course preparation. Of greater concern is the argument that our

swimmers who do not have access to long course facilities for training purposes will be disadvantaged in their preparation. But does it make sense to disadvantage everyone in order to even the playing field? This approach will always result in mediocrity. A better alternative would be to explore ways to eliminate the barriers and obstacles that the disadvantaged must contend with.

Another area of concern regarding training focus is the conflicting objectives between the USS, NCAA and high school programs. Some of the issues that will have a major impact on the success of our program are: (a) the inadequate training programs that are provided for many of our college athletes during the critical period between the NCAA Championships and the end of the school year, (b) the conflict with championship meet dates and team selection, (c) rules which restrict the opportunity and options of the swimmers, (d) the long course vs. short course focus. Because many of these issues are interrelated, if we could effect progressive change in one area, we could eliminate problems in other areas as well. For example, a long course NCAA Championships in conjunction with a long course Spring Nationals would resolve conflicts related to training focus, team selection and academic commitments. If all of the organizations involved with competitive swimming are willing to work in cooperation to develop programs sensitive to the needs of our athletes, we can realistically expect to see progressive changes in the future that will heighten the success of all our programs.

Selection Procedures

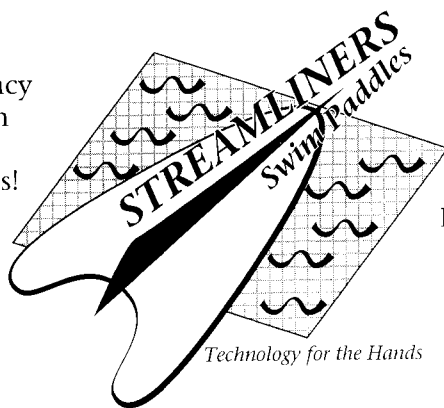
It is too early to evaluate the effectiveness of the early selection policy for international competition. The theoretical advantages are obvious:

a) It lengthens the duration of the season preceding the competition. (In most cases, this will allow for an extra couple

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of weeks of training during the critical summer months.)

b) It provides the opportunity to focus on mental and physical preparation for peak performances in the "main event" throughout an entire training cycle.

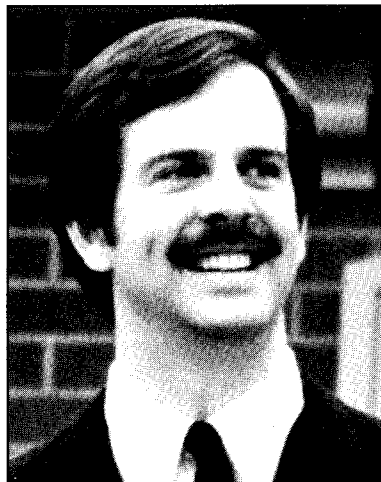
c) It provides the opportunity to more effectively develop team unity through a series of short camps over an extended period of time (as opposed to one long camp which can result in mental staleness and personality conflicts), and

d) It eliminates the problem of having to "hold" a taper for a period of weeks.

Critics of this selection policy will point to the unacceptably low percentage of personal best times in the World Championships to support their argument. However, many of us believe that this can be attributed entirely to the January timing of the meet. We are confident that our results in Barcelona will justify this selection policy.

This report has presented a number of recommendations for the betterment of the USS National Team program. Some of them will involve a considerable financial commitment. How can we justify committing such a significant portion of our financial resources to such a small percentage of our members? From a practical point of view, the success of our National Team program will have a major impact on the income potential and marketability of the entire corporation. More importantly, precedent has clearly demonstrated at both the club and federation level that focus on the elite end of the program will enhance the success of the entire program. When a standard of excellence is established and supported at the top end, positive benefits will be felt throughout the program. Success at the National Team level will help to foster the pride and inspiration that is necessary to motivate our developing swimmers to commit to the pursuit of their own dreams. This benefit cannot be quantified in terms of dollars. ∞

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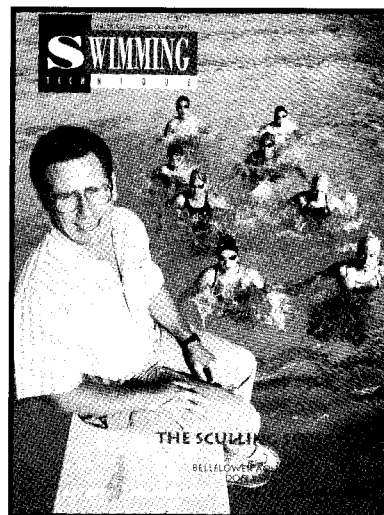
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- 23.52 Robert Abernethy, AUS
- 23.55 Matthew Renshaw, AUS
- 23.56 Nick Sanders, NZL
- 23.59 Mark Henderson, USA
- 23.74 Joe Hudepohl, USA
- 23.79 Jieming Qiu, CHN
- 23.85 Jeff Thibault, USA
- 23.98 John Steel, NZL
- 23.99 Michael Wright, HKG
- 23.99 Robert Braknis, CAN
- 24.04 Mark Weldon, NZL
- 24.07 Arthur Li, HKG
- 24.09 Tsutomu Nakano, JPN
- 24.14 Usami Masakatsu, JPN
- 24.21 Sebastien Goulet, CAN
- 24.47 Toby Haenen, AUS
- 24.62 Richard Bera, INA
- 24.68 Yi-Chung Chen, TPE

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- Championship Finals**
- 49.72 Matt Biondi, USA
 - 50.21 Chris Fydler, AUS
 - 50.38 Shaun Jordan, USA
 - 50.90 John Steel, NZL
 - 51.08 Andrew Baildon, AUS
 - 51.60 Tsutomu Nakano, JPN
 - 51.72 Sandy Goss, CAN
 - 52.42 Jieming Qiu, CHN

- Consolation Finals**
- 50.30 Jon Olson, USA
 - 51.11 Matthew Renshaw, AUS
 - 51.67 Nick Sanders, NZL
 - 51.78 Sebastian Goulet, CAN
 - 51.99 Michael Wright, HKG
 - 52.11 Arthur Li, HKG
 - 52.27 Ron Watson, CAN
 - 52.97 Richard Bera, INA

- Prelims**
- 49.51 Matt Biondi, USA
 - 49.90 Shaun Jordan, USA
 - 50.14 Jon Olson, USA
 - 50.15 Chris Fydler, AUS
 - 50.22 Tom Jager, USA
 - 50.43 Joe Hudepohl, USA
 - 50.79 Troy Dalbey, USA
 - 50.94 John Steel, NZL
 - 51.04 Andrew Baildon, AUS
 - 51.08 Matthew Renshaw, AUS
 - 51.18 Sandy Goss, CAN
 - 51.37 Tsutomu Nakano, JPN
 - 51.37 Darren Lange, AUS
 - 51.59 Jieming Qiu, CHN
 - 51.67 Nick Sanders, NZL
 - 51.71 Sebastien Goulet, CAN
 - 51.76 Ron Watson, CAN
 - 51.85 Melvin Stewart, USA
 - 51.89 Michael Wright, HKG
 - 51.97 Dean Kondziolka, CAN
 - 52.04 Robert Abernethy, AUS
 - 52.06 Arthur Li, HKG
 - 52.34 Richard Bera, INA
 - 52.41 Usami Masakatsu, JPN
 - 52.43 Mark Weldon, NZL
 - 52.46 Robert Braknis, CAN
 - 52.49 Frank Samel, CAN
 - 52.49 Deane Pieters, AUS
 - 52.52 Trent Bray, NZL
 - 52.62 Ian Brown, AUS
 - 52.75 Satoshi Kajitani, JPN
 - 52.88 Taihei Maeda, JPN
 - 53.34 Yi-Chung Chen, TPE
 - 54.01 Hidetoshi Yamanaka, JPN

200 FREE AUGUST 22

- Championship Finals**
- 1:49.48 Ian Brown, AUS
 - 1:49.63 Joe Hudepohl, USA
 - 1:50.89 Darren Ward, CAN
 - 1:51.17 Deane Pieters, AUS
 - 1:51.48 Turlough O'Hare, CAN
 - 1:51.93 Jon Olson, USA
 - 1:51.97 Trent Bray, NZL
 - 1:52.34 Masayuki Fujimoto, JPN

- Consolation Finals**
- 1:50.63 Dan Jorgensen, USA
 - 1:51.45 Kieren Perkins, AUS
 - 1:52.34 Taihei Maeda, JPN
 - 1:52.97 Frank Samel, CAN
 - 1:54.33 Satoshi Kajitani, JPN
 - 1:54.42 John Steel, NZL
 - 1:54.72 Arthur Li, HKG
 - 1:55.07 Yumin Yan, CHN

- Prelims**
- 1:49.45 Joe Hudepohl, USA
 - 1:49.85 Jon Olson, USA
 - 1:49.96 Ian Brown, AUS
 - 1:50.22 Darren Ward, CAN
 - 1:50.23 Dan Jorgensen, USA
 - 1:51.36 Troy Dalbey, USA
 - 1:52.13 Deane Pieters, AUS
 - 1:52.17 Trent Bray, NZL

- 1:52.18 Turlough O'Hare, CAN
- 1:52.38 Masayuki Fujimoto, JPN
- 1:52.95 Taihei Maeda, JPN
- 1:53.12 Matt Hooper, USA
- 1:53.48 Sebastien Goulet, CAN
- 1:53.49 John Steel, NZL
- 1:53.60 Frank Samel, CAN
- 1:53.62 Kieren Perkins, AUS
- 1:54.06 Toshiaki Kurasawa, JPN
- 1:54.33 Satoshi Kajitani, JPN
- 1:54.48 Matthew Dunn, AUS
- 1:54.65 Yumin Yan, CHN
- 1:54.94 Andrew Baildon, AUS
- 1:55.05 Kelvin Herrod, AUS
- 1:55.16 Arthur Li, HKG
- 1:55.78 Chris Fydler, AUS
- 1:56.26 Tsutomu Nakano, JPN
- 1:56.45 Jorge Herrera, PUR
- 1:56.89 Hidetoshi Yamanaka, JPN
- 1:57.30 Richard Bera, INA
- 1:58.77 Kurt Eldridge, AUS
- 1:59.47 Joaquin Lagier, CRC
- 2:00.02 Yi-Chung Chen, TPE

400 FREE AUGUST 24

- Championship Finals**
- 3:50.08 Kieren Perkins, AUS
 - 3:50.74 Ian Brown, AUS
 - 3:54.13 Dan Jorgensen, USA
 - 3:56.35 Lawrence Frostad, USA
 - 3:57.38 Turlough O'Hare, CAN
 - 3:57.76 Danyon Loader, NZL
 - 3:58.85 Masayuki Fujimoto, JPN
 - 4:00.61 Taihei Maeda, JPN

- Consolation Finals**
- 3:55.57 Joe Hudepohl, USA
 - 3:58.87 Deane Pieters, AUS
 - 4:00.15 Jorge Herrera, PUR
 - 4:02.49 Eddie Parenti, CAN
 - 4:02.50 Toshiaki Kurasawa, JPN
 - 4:03.67 David McLellan, CAN
 - 4:03.67 Seung Hoon Bang, KOR

- Prelims**
- 3:54.49 Kieren Perkins, AUS
 - 3:56.30 Dan Jorgensen, USA
 - 3:56.40 Ian Brown, AUS
 - 3:56.54 Lawrence Frostad, USA
 - 3:56.78 Joe Hudepohl, USA
 - 3:57.49 Danyon Loader, NZL
 - 3:57.97 Matt Hooper, USA
 - 3:58.39 Taihei Maeda, JPN
 - 3:58.42 Masayuki Fujimoto, JPN
 - 3:58.78 Turlough O'Hare, CAN
 - 4:00.75 Kelvin Herrod, AUS
 - 4:00.90 Toshiaki Kurasawa, JPN
 - 4:02.77 Jorge Herrera, PUR
 - 4:02.94 David McLellan, CAN
 - 4:03.76 Satoshi Kajitani, JPN
 - 4:04.25 Eddie Parenti, CAN
 - 4:04.39 Masashi Kato, JPN
 - 4:06.42 Trent Bray, NZL
 - 4:07.14 Seung Hoon Bang, KOR
 - 4:07.25 Matthew Dunn, AUS
 - 4:07.60 Brent Harding, AUS
 - 4:07.86 Yumin Yan, CHN
 - 4:09.76 Kurt Eldridge, AUS

800 FREE AUGUST 23

- Timed Finals**
- 7:50.68 Kieren Perkins, AUS
 - 8:04.02 Kurt Eldridge, AUS
 - 8:04.63 Matt Hooper, USA
 - 8:04.81 Masayuki Fujimoto, JPN
 - 8:08.92 Danyon Loader, NZL
 - 8:09.51 Chris Bowie, CAN
 - 8:15.11 Jorge Herrera, PUR
 - 8:17.83 Kelvin Herrod, AUS
 - 8:18.81 David McLellan, CAN
 - 8:21.67 Masashi Kato, JPN
 - 8:28.34 Yumin Yan, CHN

1500 FREE AUGUST 25

- Timed Finals**
- 14:59.79 Kieren Perkins, AUS (800 split: 7:47.85w)
 - 15:22.87 Kurt Eldridge, AUS
 - 15:26.57 Matt Hooper, USA
 - 15:27.02 Masayuki Fujimoto, JPN
 - 15:28.24 Carlton Bruner, USA
 - 15:34.61 Lawrence Frostad, USA
 - 15:36.34 Chris Bowie, CAN
 - 15:41.88 Masashi Kato, JPN
 - 15:44.99 Danyon Loader, NZL
 - 15:54.69 David McLellan, CAN
 - 15:59.57 Jorge Herrera, PUR
 - 16:11.96 Kelvin Herrod, AUS

100 BACK AUGUST 22

- Championship Finals**
- 54.67 Jeff Rouse, USA
 - 55.19c Mark Tewksbury, CAN

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FOR THE RECORD

4:31.53 John Munro, NZL
4:34.13 Toshiaki Kurasawa, JPN

Consolation Finals

4:26.98 Matt Rankin, USA
4:33.75 Mark Ikin, AUS
4:49.61 Luis Omar Vargas, MEX

Prelims

4:21.80 Eric Namesnik, USA
4:22.78 Dave Wharton, USA
4:24.58 Matthew Dunn, AUS
4:25.37 Darren Ward, CAN
4:26.26 Curtis Myden, CAN
4:29.31 Brent Harding, AUS
4:29.87 John Munro, NZL
4:30.54 Toshiaki Kuraawa, JPN
4:31.43 Matt Rankin, USA
4:31.76 Mark Ikin, AUS
4:47.48 Luis Omar Vargas, MEX

400 MR AUGUST 25

Timed Finals
USA
(Leadoff split: Jeff Pouse 53.93w)
3:40.64 Canada
3:43.92 Australia
3:45.42 Japan
3:55.47 New Zealand

400 FR AUGUST 24

Timed Finals
USA
3:21.12 Australia
3:23.71 Canada
3:24.30 New Zealand
3:28.85 Japan

800 FR AUGUST 23

Timed Finals
USA
7:19.77 Australia
7:23.11 Australia
7:28.35 Canada
7:34.96 Japan
7:35.46 New Zealand

EUROPEAN CHAMPIONSHIPS Athens, Greece August 17-25, 1991 (50 M)

w World Record
e European Record
c Commonwealth Record

WOMEN

50 Free August 25
25.80 Simone Osygus, GER
25.84 Catherine Plewinski, FRA
25.91 Inge de Bruijn, HOL
26.06 Daniela Hunger, GER
26.28 Evgenia Ermakova, URS
26.31 Louise Karlsson, SWE
26.32 Gitta Jensen, DEN
26.47 Judith Draxler, AUT
100 Free August 20
56.20 Catherine Plewinski, FRA
56.44 Karin Briennesse, HOL
56.47 Simone Osygus, GER
56.76 Daniela Hunger, GER
57.20 Gitta Jensen, DEN
57.25 Liliana Dobrescu, ROM
57.46 Louise Karlsson, SWE
57.66 Marieke Mastebroek, HOL
200 Free August 21
2:00.29 Mette Jacobsen, DEN
2:00.34 Catherine Plewinski, FRA
2:01.77 Liliana Dobrescu, ROM
2:02.03 Gitta Jensen, DEN
2:02.91 Isabelle Arnould, BEL
2:03.21 Eva Nyberg, SWE
2:03.66 Sandra Cam, BEL
2:03.89 Karin Briennesse, HOL
400 Free August 22
4:11.63 Irene Dalby, NOR
4:12.33 Beatrice Coada, ROM
4:12.35 Cristina Sossi, ITA
4:12.64 Jana Henka, GER
4:14.22 Isabelle Arnould, BEL
4:14.77 Manuela Melchiorri, ITA
4:17.06 Sandra Cam, BEL
4:17.62 Baukje Wiersma, HOL

800 Free August 24
8:32.08 Irene Dalby, NOR
8:32.25 Jana Henka, GER
8:33.79 Cristina Sossi, ITA
8:42.67 Manuela Melchiorri, ITA
8:44.70 Isabelle Arnould, BEL
8:47.14 Olga Splichalova, TCH
8:48.19 Grit Mueller, GER
8:49.36 Baukje Wiersma, HOL
100 Back August 22
1:00.31w Krisztina Egerszegi, HUN
1:01.11 Tunde Szabo, HUN
1:02.41 Dagmar Hase, GER
1:02.62 Natalia Krupskaja, URS
1:03.10 Natalia Shibaeva, URS
1:03.20 Sandra Voelker, GER
1:03.34 Ellen Elzeman, HOL
1:03.74 Sharon Page, GBR
200 Back August 25
2:06.62w Krisztina Egerszegi, HUN
2:11.42 Tunde Szabo, HUN
2:12.21 Dagmar Hase, GER
2:13.71 Natalia Krupskaja, URS
2:14.23 Joanne Deakins, GBR
2:15.15 Kathy Read, GBR
2:15.25 Natalia Shibaeva, URS
2:15.31 Lorenza Vigaranti, ITA
100 Breast August 23
1:09.05 Elena Rudkova, URS
1:09.99 S. Bondarenko, URS
1:10.12 Tania Dangalakova, BUL
1:10.54 Manuela Dalla Valle, ITA
1:10.54 Cabriella Csape, HUN
1:10.62 Sylvia Gerasch, GER
1:11.52 Lorraine Coombes, GBR
1:11.56 Jean Hill, GBR
200 Breast August 21
2:29.50 Elena Rudkova, URS
2:32.00 Beatrice Coada, ROM
2:32.09 Tania Dangalakova, BUL
2:32.50 Alicja Peczak, POL
2:32.52 Manuela Dalla Valle, ITA
2:32.88 Brigitte Becue, BEL
2:34.08 R. Runolfsson, ISL
2:34.12 Audrey Guert, FRA
100 Fly August 23
1:00.32 Catherine Plewinski, FRA

1:01.64 Inge de Bruijn, HOL
1:01.80 Therese Lundin, SWE
1:02.01 Madeleine Campbell, GBR
1:02.40 Elena Kononenko, URS
1:02.65 Katrin Meissner, GER
1:02.80 Malin Stromberg, SWE
1:03.16 Karin Briennesse, HOL
200 Fly August 25
2:12.87 Mette Jacobsen, DEN
2:14.72 Sabine Herbst, GER
2:14.80 Bent Puggaard, DEN
2:15.55 Corina Dumitru, ROM
2:16.20 Maria Fernandez, ESP
2:16.71 Iuliana Pantilimon, ROM
2:16.78 Brigitte Becue, BEL
2:19.40 Marta Wlodkowska, POL
200 IM August 24
2:15.53 Daniela Hunger, GER
2:16.68 Beatrice Coada, ROM
2:17.43 Marion Zoller, GER
2:17.59 Daria Shmeleva, URS
2:18.34 Brigitte Becue, BEL
2:19.77 Ewa Synowska, POL
2:19.89 Alicja Peczak, POL
2:20.21 Lenka Menhalova, TCH
400 IM August 20
4:39.78 Krisztina Egerszegi, HUN
4:44.67 Beatrice Coada, ROM
4:47.92 Ewa Synowska, POL
4:49.85 Sabine Herbst, GER
4:50.55 Daria Shmeleva, URS
4:50.68 Irene Dalby, NOR
4:55.72 Annalisa Nisiro, ITA
DQ Celine Bonnet, FRA
400 MR August 24
4:08.55 USSR
4:10.10 Germany
4:14.03 Netherlands
4:16.22 Sweden
4:17.63 Italy
4:18.72 Denmark
4:18.79 Romania
DO Great Britain
400 FR August 22
3:45.36 Netherlands
3:45.54 Germany
3:46.36 Denmark

3:47.95 France
3:50.14 Sweden
3:50.73 Italy
3:52.15 Great Britain
3:52.54 Norway
800 FR August 20
8:05.90 Denmark
8:10.26 Germany
8:13.97 Netherlands
8:19.46 Italy
8:19.47 Romania
8:20.56 Sweden
8:26.58 Spain
8:26.91 Norway
Men
50 Free August 24
22.33e Nils Rudolph, GER
22.44 Gennadiy Prigoda, URS
22.72 Vladimir Tkachenko, URS
22.72 Mike Fibbens, GBR
22.78 Christophe Kallayan, FRA
22.91 Silko Guenzel, GER
22.97 Dano Halsall, SUI
23.32 Rene Gusperti, ITA
100 Free August 22
49.18e Alexandr Popov, URS
49.52 Nils Rudolph, GER
49.57 Giorgio Lamberti, ITA
49.79 Silko Guenzel, GER
50.07 V. Tayanovich, URS
50.09 Tommy Weimer, SWE
50.30 Mike Fibbens, GBR
50.33 Christophe Kallayan, FRA
200 Free August 20
1:48.10 Artur Wodjat, POL
1:48.15 Giorgio Lamberti, ITA
1:48.74 Roberto Gleria, ITA
1:48.83 Evgeniy Sedoviy, URS
1:49.02 Anders Holmertz, SWE
1:49.04 Steffen Zesner, GER
1:49.83 Antti Kasvici, FIN
1:50.07 Jari Melberg, NOR
400 Free August 23
3:49.02 Evgeniy Sadoviy, URS
3:49.09 Artur Wodjat, POL
3:50.46 Giorgio Lamberti, ITA

3:50.59 Sebastian Wiese, GER
3:51.42 Joerg Hoffman, GER
3:52.08 Anders Holmertz, SWE
3:53.21 M. Podkocicny, POL
3:54.88 Zoltan Szilagyi, HUN
1500 Free August 25
15:02.57 Joerg Hoffmann, GER
15:03.72 Ian Wilson, GBR
15:14.30 Sebastian Wiese, GER
15:21.58 Igor Majcen, YUG
15:30.30 Piotr Albinski, POL
15:32.38 Sergi Roure, ESP
15:34.30 Evgeniy Logvinov, URS
15:35.27 Zoltan Szilagyi, HUN
100 Back August 24
55.30 Martin Lopez Zubero, ESP
56.04 Dirk Richter, GER
56.29 Franck Schott, FRA
56.58 Vladimir Selkov, URS
56.59 Tamas Deutsch, HUN
56.66 Vladimir Shemetov, URS
57.22 Stefaan Maene, BEL
57.67 Attila Czene, HUN
200 Back August 22
1:58.66 Martin Lopez Zubero, ESP
2:00.18 Vladimir Selkov, URS
2:00.18 Dirk Richter, GER
2:00.30 Tamas Deutsch, HUN
2:00.60 David Holdersbach, FRA
2:00.89 Stefano Battistelli, ITA
2:01.48 Lars Kalenka, GER
2:02.83 Thomas Sopp, NOR
100 Breast August 20
1:01.49 Norbert Rosza, HUN
1:01.88 Adrian Moorhouse, GBR
1:02.41 Gianni Minervini, ITA
1:02.58 Andrea Cecchi, ITA
1:02.71 Karoly Guttler, HUN
1:02.90 Petri Suominen, FIN
1:03.18 Dimitriy Volkov, URS
1:03.34 F. Deburghraeve, BEL
200 Breast August 23
2:12.55c Nick Gillingham, GBR
2:12.58 Norbert Rosza, HUN
2:13.40 Sergio Lopez, ESP
2:14.07 Karoly Guttler, HUN
2:14.40 Joaquin Fernandez, ESP

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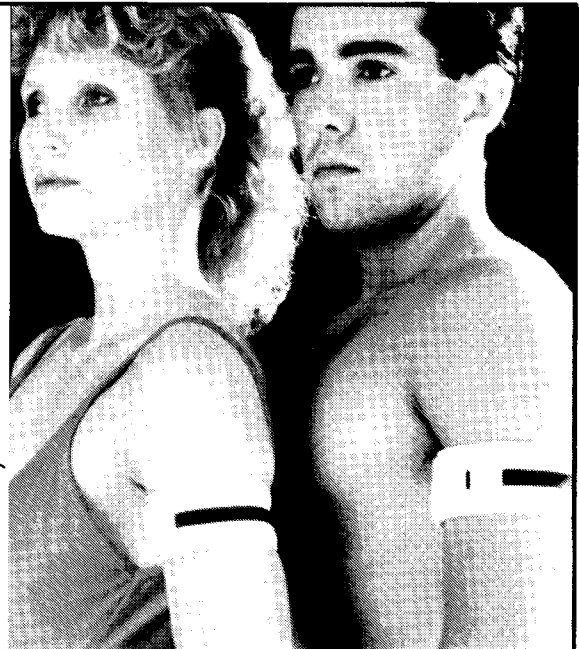


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FOR THE RECORD

2:14.82	Cedric Penicaud, FRA
2:15.59	Radek Beinhauer, TCH
2:16.29	Andrea Cecchi, ITA
100 Fly August 21	
54.22	Vladislav Kulikov, URS
54.30	Martin Lopez Zubero, ESP
54.31	Nils Rudolph, GER
54.35	Rafal Szukala, POL
54.92	Bruno Gutzeit, FRA
55.07	Thilo Haase, GER
55.16	Franck Esposito, FRA
55.36	Rik Leishman, GBR
200 Fly August 24	
1:59.59	Franck Esposito, FRA
2:01.01	Rafal Szukala, POL
2:01.25	Christophe Bordeau, FRA
2:01.53	Marco Braidia, ITA
2:01.97	Bernd Zoruhn, GER
2:02.14	Matjaz Kozelj, YUG
2:02.32	Jose Ballester, ESP
DQ	Christian Keller, GER
200 IM August 25	
2:02.63	Lars Sorensen, DEN
2:02.66	Christian Gessner, GER
2:02.93	Luca Sacchi, ITA
2:03.16	Christian Keller, GER
2:03.89	Attila Czene, HUN
2:04.13	Frederic Lefevre, FRA
2:05.03	John Davey, GBR
2:05.48	Jani Sievinen, FIN
400 IM August 21	
4:17.81	Luca Sacchi, ITA
4:17.85	Patrick Kuehl, GER
4:19.16	Christian Gessner, GER
4:22.33	Stefano Battistelli, ITA
4:23.34	Jani Sievinen, FIN
4:24.54	Marcin Malinski, POL
4:24.60	Jorge Perez, ESP
4:30.99	Danislav Kalchev, BUL
400 MR August 25	
3:40.68	USSR
3:42.15	France
3:42.35	Hungary
3:43.67	Great Britain
3:45.52	Spain
DQ	Germany
DQ	Italy
DQ	Finland
400 FR August 23	
3:17.11e	USSR
3:18.31	Germany
3:20.42	Sweden
3:20.94	Italy
3:21.27	France
3:23.81	Netherlands
3:26.34	Norway
3:31.41	Greece
800 FR August 21	
7:15.96	USSR
7:18.30	Italy
7:19.13	Germany
7:25.05	Poland
7:27.60	Spain
7:28.75	Norway
7:31.85	Great Britain
DQ	France

PAN AMERICAN GAMES Havana, Cuba August 12-18, 1991 (50 M)

* Pan American Games Record

WOMEN

50 Free August 18	
26.01*	Kristin Topham, CAN
26.26	Heather Hageman, USA
26.45	Allison Bock, USA
26.89	Deborah Figueroa, CUB
27.10	Sharon Turner, CAN
27.24	Paolette Filippini, BRA
27.30	Raquel James, TRI
27.46	Paola Marsiglia, BRA
100 Free August 12	
56.51	Ashley Tappin, USA
57.14	Megan Oesting, USA
57.63	Kristin Topham, CAN
57.97	Deborah Figueroa, CUB
58.17	Sharon Turner, CAN
58.22	Paolette Filippini, BRA
58.86	Laura Sanchez, MEX
58.89	Paula Marsiglia, BRA
200 Free August 13	
2:02.06	Lisa Jacob, USA
2:02.92	Barbara Metz, USA
2:04.73	Kim Paton, CAN
2:05.26	Paolette Filippini, BRA
2:06.01	Rita Garay, PUR
2:06.76	Tara Seymour, CAN
2:07.10	Laura Sanchez, MEX

2:10.65	Rachel Brinn, JAM
400 Free August 14	
4:13.69	Jane Skillman, USA
4:16.90	Barbara Metz, USA
4:22.15	Tara Seymour, CAN
4:23.74	Viviane Motti, BRA
4:25.82	Kim Paton, CAN
4:28.53	Sonia Alvarez, PUR
4:28.78	Susana Goldsmith, MEX
4:29.22	Beatriz Lages, BRA
800 Free August 17	
8:43.26	Jane Skillman, USA
8:51.36	Lisa Jacob, USA
8:52.33	Tara Seymour, CAN
9:01.05	Stephanie Shewchuk, CAN
9:04.71	Viviane Motti, BRA
9:10.64	Maria Marenco, ESA
9:10.80	Alicia Barrancos, ARG
9:21.04	Daniela Naya, VEN
100 Back August 14	
1:03.15	Sylvia Poll, CRC
1:03.64	Nikki Dryden, CAN
1:03.78	Joel Wilson, USA
1:04.96	Ana Azevedo, BRA
1:05.53	Beth Hazel, CAN
1:05.62	Valencia Meinhard, VEN
1:05.66	Rita Garay, PUR
1:05.82	Fabiola Molina, BRA
200 Back August 18	
2:15.80	Dede Trimble, USA
2:16.13	Nikki Dryden, CAN
2:16.36	Joanne Malair, CAN
2:16.61	Kristy Heydaneck, USA
2:17.82	Rita Garay, PUR
2:19.84	Veronica Meinhard, VEN
2:22.73	Heike Koerner, MEX
2:24.10	Cristiane Santos, BRA
100 Breast August 16	
1:10.30*	Dorsey Tiemej, USA
1:11.00	Lydia Morrow, USA
1:11.75	Lisa Flood, CAN
1:13.89	Chantal Dubois, CAN
1:15.07	Karen Homing, PER
1:15.15	Jennifer Smatt, BER
1:15.21	Glycia Lofego, BRA
1:16.91	Fernanda Ferraz, BRA
200 Breast August 13	
2:28.69*	Dorsey Tiemej, USA
2:33.62	Chantal Dubois, CAN
2:34.08	Lisa Flood, CAN
2:36.58	Kandra Thayer, USA
2:43.01	Glycia Lofego, BRA
2:44.36	Karen Homing, PER
2:45.96	Erika Graf, URU
2:46.85	Monique Pinon, MEX
100 Fly August 16	
1:01.19	Kristin Topham, CAN
1:01.55	Angie Wester-Krieg, USA
1:01.60	Suzy Buckovich, USA
1:03.10	Nivuis Rosales, CUB
1:03.32	Gabriela Gaja, MEX
1:03.64	Beth Hazel, CAN
1:04.23	Celina Endo, BRA
1:04.82	Shelley Cramer, ISV
200 Fly August 18	
2:12.35	Susan Gottlieb, USA
2:14.55	Angie Wester-Krieg, USA
2:14.91	Beth Hazel, CAN
2:17.25	Beth Hollihan, CAN
2:18.38	Nivuis Rosales, CUB
2:19.97	Edith Arraspide, ARG
2:22.09	Viviane Sanchez, MEX
2:23.80	Angela Tupynamba, BRA
200 IM August 17	
2:16.86	Lisa Summers, USA
2:19.14	Joanne Malair, CAN
2:19.56	Jennifer Toton, USA
2:21.32	Sheila Hewerdine, CAN
2:22.32	Veronica Meinhard, VEN
2:23.00	Fernanda Ferraz, BRA
2:25.02	Sonia Alvarez, PUR
2:25.25	Laura Sanchez, MEX
400 IM August 12	
4:50.39	Amy Shaw, USA
4:51.27	Joanne Malair, CAN
4:52.38	Brandy Wood, USA
4:56.00	Sheila Hewerdine, CAN
4:57.17	Lorenza Munoz, MEX
5:01.80	Sonia Alvarez, PUR
5:03.27	Daniela Ishimaru, BRA
5:03.60	Edith Arraspide, ARG
400 MR August 17	
4:12.51*	Brazil
4:23.45	Brazil
4:25.94	Mexico
4:30.65	Puerto Rico
4:38.94	Argentina
DQ	Canada
400 FR August 14	
3:48.88	USA
3:52.29	Canada
3:52.92	Brazil

3:57.63	Mexico
4:01.07	Puerto Rico
DQ	Argentina
800 FR August 12	
8:11.47*	USA
8:21.62	Canada
8:29.17	Mexico
8:30.25	Brazil
8:40.54	Puerto Rico
8:44.90	Argentina
MEN	
50 Free August 17	
22.60	Todd Pace, USA
22.61	Adam Schmitt, USA
22.82	Gustavo Borges, BRA
23.42	Ricardo Busquets, PUR
23.53	Rodrigo Gonzalez, MEX
23.77	Regent Lincosiere, CAN
23.79	Enrico Linscheer, SUR
23.80	Jose Souza, BRA
100 Free August 14	
49.48*	Gustavo Borges, BRA
50.55	Joel Thomas, USA
51.25	Rodrigo Gonzalez, MEX
51.28	Ricardo Busquets, PUR
51.37	Bob Utley, USA
51.63	E. Nascimento, BRA
51.71	Giovanni Linscheer, SUR
52.10	S. VanderMeulen, CAN
200 Free August 12	
1:49.67*	Eric Diehl, USA
1:49.74	Gustavo Borges, BRA
1:52.14	Rene Saez, CUB
1:52.27	Paul Szekula, CAN
1:52.53	Pedro Carrio, CUB
1:52.71	Jim Wells, USA
1:53.21	Jorge Herrera, PUR
1:54.17	Sean Swain, CAN
400 Free August 16	
3:50.38*	Sean Killon, USA
3:54.91	Jorge Herrera, PUR
3:58.06	Eric Diehl, USA
3:59.60	Pedro Carrio, CUB
3:59.89	Robbie McFarlane, CAN
4:02.40	Gabriel Challou, ARG
4:02.56	Carlos Scavino, URU
4:06.48	Sean Swain, CAN
1500 Free August 18	
15:21.36	Alex Kostich, USA
15:33.61	Jorge Herrera, PUR
15:39.73	Pedro Carrio, CUB
15:49.13	Andres Minelli, ARG
15:51.11	David Castro, BRA
15:59.37	Yuri Hernandez, CUB
16:11.51	Mauricio Ortiz, MEX
100 Back August 17	
55.79	Andy Gill, FALC
56.12	Rodolfo Falcon, CUB
56.39	Robert Brewer, USA
56.67	Manuel Guzman, PUR
57.46	Rogero Romero, BRA
58.72	Sebastian Lasave, ARG
58.87	Paul Szekula, CAN
59.09	Ricardo Busquets, PUR
200 Back August 14	
2:01.07	Rogero Romero, BRA
2:01.14	Dan Veatch, USA
2:01.68	Manuel Guzman, PUR
2:01.70	Brad Bridgewater, USA
2:02.87	Rodolfo Falcon, CUB
2:04.83	Paul Szekula, CAN
2:05.60	Stephen Hulford, CAN
2:07.44	Tomás Biseno, DOM
100 Breast August 12	
1:02.57	Hans Dersch, USA
1:02.83	Todd Torres, PUR
1:03.02	Jeff Cummings, USA
1:03.26	Pedro Hernandez, CUB
1:03.56	Mario Gonzalez, CUB
1:03.86	Robert Fox, CAN
1:05.04	Jaime Mitropoulos, BRA
1:05.82	Gustavo Gorraran, URU
200 Breast August 16	
2:15.50*	Mario Gonzalez, CUB
2:16.08	Nelson Diebel, USA
2:17.49	Tyler Mayfield, USA
2:17.96	Pablo Minelli, ARG
2:19.01	Robert Fox, CAN
2:20.38	Gustavo Gorraran, URU
2:20.55	Andrew Trussler, USA
2:22.36	Jaime Mitropoulos, BRA
100 Fly August 13	
53.45*	Anthony Nesty, SUR
54.60	Mike Merrell, USA
55.00	Eduardo Piccinini, BRA
55.04	Jim Harvey, USA
55.84	Jose Manendez, CUB
56.02	Diego Perdomo, CUB
56.17	E. Nascimento, BRA
56.21	Giovanni Linscheer, SUR
200 Fly August 17	
2:00.11	Mark Dean, USA

2:01.76	Anthony Nesty, SUR
2:02.00	Barb Pippenger, PUR
2:03.13	David Monasterio, USA
2:04.83	Diego Perdomo, CUB
2:05.06	Adriano Venturi, CHI
2:05.09	Rene Santaelia, PUR
2:05.56	Erik Despradel, DOM
200 IM August 18	
2:00.92*	Ron Kamaugh, USA
2:03.99	Manuel Guzman, PUR
2:04.29	Ray Louie, USA
2:06.60	Yves Gullametta, CAN
2:07.02	Rodrigo Gonzalez, MEX
2:07.10	Robert Fox, CAN
2:07.82	Jose Souza, BRA
2:09.09	Renato Ramalho, BRA
400 IM August 13	
4:23.96	Alex Kostich, USA
4:26.25	Joey Braden, USA
4:26.31	Jasen Pratt, CAN
4:27.30	David Monasterio, PUR
4:29.94	Andres Minelli, ARG
4:31.88	Renato Ramalho, BRA
4:32.05	Gonzalo Perez, VEN
4:37.84	Rene Santaelia, PUR
400 MR August 18	
3:42.84	USA
3:45.78	Puerto Rico
3:45.96	Cuba
3:47.37	Canada
3:54.10	Argentina
3:54.34	Mexico
3:55.95	Uruguay
4:03.61	Trinidad and Tobago
400 FR August 16	
3:23.28	Brazil
3:25.39	Canada
3:27.17	Puerto Rico
3:27.80	Mexico
3:31.48	Cuba
3:35.32	Argentina
3:37.11	Trinidad and Tobago
3:37.62	Bahamas
800 FR August 13	
7:23.39	USA
7:28.83	Brazil
7:29.96	Puerto Rico
7:30.77	Canada
7:31.56	Cuba
7:36.58	Mexico
8:07.90	Uruguay
8:25.04	Bahamas

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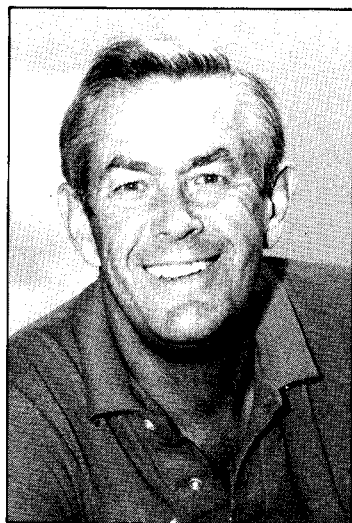
w World Record

WOMEN	
50 FREE AUGUST 16	
26.00	Championship Finals
26.12	Sarah Perroni, FLST
26.16	Dara Torres, Florida
26.36	Paige Zema, Florida
26.37	Jennifer Boyd, FLST
26.55	Julie Cooper, Texas
26.64	Jenna Johnson, Stanford
26.82	Kris Stoudt, Santa Clara
26.91	Susan Donahoe, FLST
26.70	Indira Allick, AHAC
26.82	Missy Allert, LRRRC
26.82	N. Schmidtlofer, Spokane
27.10	Lindsey Benko, PCSC
27.12	Sandy Neilson-Bell, Texas
27.12	Michelle Jespersen, BD
27.19	Jessica Montegut, Bolts
27.24	Aimee Berzins, Rose Bowl Prelims
25.98	Sarah Perroni, FLST
26.02	Dara Torres, Florida
26.44	Paige Zema, Florida
26.55	Jennifer Boyd, FLST
26.67	Kris Stoudt, Santa Clara
26.70	Julie Cooper, Texas
26.73	Susan Donahoe, FLST
26.78	Jenna Johnson, Stanford
26.79	Aimee Berzins, Rose Bowl Prelims
26.81	Sandy Neilson-Bell, Texas
26.88	Michelle Jespersen, BD
26.91	Lindsey Benko, PCSC
26.92	Jessica Montegut, Bolts

26.95	Missy Allert, LRRRC
26.97	N. Schmidtlofer, Spokane
27.00	Indira Allick, AHAC
27.00	Amy Van Dyken, Mile High
27.01	Melanie Valerio, MBAY
27.04	Holly Humphrey, OSU
27.05	Sarah Dykstra, LESD
27.08	Trina Hinton, Decatur
27.08	Margaret Grunow, FLST
27.10	Kari Haag, Madison
27.10	Julie Caldwell, Americus
27.11	Trina Thames, Gopher
27.11	Kimberly Robinson, Sun
27.13	Jennifer Greer, FLST
27.13	Lynn Kohl, FLST
27.13	Heather Blackman, Meck
27.14	Melanie Morgan, Florida
27.20	Kathy Doman, Tacoma
27.20	Lindsay Gassner, Canyon
27.21	Karish Shtadnik, Chinoook
27.24	Sarah Krueger, P66
27.25	Eva Romas, Badger
27.25	Debbie Kinsley, Mustang
27.25	Joyce Murphy, S. Valley
27.26	B.J. Bedford, Texas
27.26	Danielle Strader, FOX
27.29	Julie Vogt, Fullerton
27.30	Dyane Burrell, FLST
27.32	Michelle Collins, N. Coast
27.32	Stacy Potter, Americus
27.34	Becky Thompson, IHAC
27.36	Melissa Wilbome, SA
27.36	Tracy Edmister, RMSC
27.36	Ronda Lusty, Tualatin
27.36	Candiss Johnson, Retriever
27.37	Stephanie Zurich, Florida
27.38	Loma Stacey, IHAC
27.39	Melisa Stone, Mansfield
27.40	Vicki Stempfer, Florida
27.40	Jodee Lake, NRAA
27.41	Leigh Metcalf, FLST
27.42	Christy Lindsey, Americus
27.42	Gabrielle Rose, Memphis
27.44	Krista Cordsen, Lawrence
27.45	Stephanie Livers, Etown
27.48	Andrea Fisher, Texas
27.49	Lee Sullivan, Kerr-McGee
27.50	Stacey Nieldenfer, Gopher
27.52	Emily Ayers, Carmel
27.61	Toady Kimble, LRRRC
27.61	Ann Bollinger, FLST
27.62	Liz Nelson, Ohio State
27.70	Paige Freeman, BD
27.70	Jessica Tong, GWSC
27.71	H. McRoberts, Lawrence
27.81	C. Frederick, Lake Country
27.82	Michelle Riffe, Lawrence
27.83	R. Gamboa, Menomonee
27.88	Fran McDemid, FLST
27.89	Jenny McGrath, Tenn.
28.05	Jeannie Aguirre, IPRC
28.12	Diane Reberger, Tipp
100 FREE AUGUST 13	
56.09	Championship Finals
56.09	Paige Zema, Florida

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- | | | | |
|---------|------------------------------------|---------|----------------------------|
| 4:23.77 | Nicole Rutkowski, Bernal's Prelims | 1:04.52 | Hope Gittings, Bolles |
| 4:18.34 | Julie Kole, FOX | 1:04.63 | Tammy Shannon, Mult. |
| 4:18.40 | Kari Lydersen, Encinitas | 1:04.79 | Mary Petry, IHAC |
| 4:18.97 | Me'lanie Valerio, MBAY | 1:04.85 | Becky Shelton, SCSC |
| 4:18.97 | Mitzi Kremer, FLST | 1:04.87 | M. Brandenstein, Solotar |
| 4:19.23 | Dee Brown, Parkway | 1:04.91 | Larissa Herold, Seacoast |
| 4:20.37 | Sherri Hanna, WA | 1:05.00 | Sonja Leiter, Worthington |
| 4:20.43 | Christine Otto, GWSC | 1:05.06 | Kristina Stinson, Texas |
| 4:20.87 | Sarah Anderson, SRV | 1:05.14 | Sidney Brinson, Florida |
| 4:21.65 | Theresa Picklo, Unat. | 1:05.17 | Kerry O'Hanlon, Nova |
| 4:21.91 | Alexis Larsen, Class | 1:05.22 | Michelle Donahue, Mult. |
| 4:22.85 | Sionainn Marcoux, SoCal | 1:05.24 | Julie Weaver, Olympia |
| 4:23.02 | April Diez, MVN | 1:05.27 | Heather Welch, OSAC |
| 4:23.07 | Kathy Dabier, MV | 1:05.36 | Jenny Dudley, Lobo |
| 4:23.25 | Pam Minthorn, Stanford | 1:05.57 | Lynn Amlil, CSP |
| 4:23.69 | Nicole Rutkowski, Bernal's | 1:05.59 | Diana Fridly, LVG |
| 4:23.84 | Mary Dowling, Curl-Burke | 1:05.67 | Alecia Humphrey, Marist |
| 4:23.92 | Stacie Dorman, CPH | 1:05.66 | Stephanie Bowers, CB |
| 4:23.98 | Teresa Mauck, KCB | 1:05.73 | Nicole Dreesen, Dad's |
| 4:24.14 | Trina Jackson, PCSC | 1:05.77 | Kimberly Lloyd, Texas |
| 4:24.23 | Karin Bunting, FOX | 1:05.83 | Rachel Pchola, NJW |
| 4:27.10 | Bambi Bowman, SYS | 1:05.86 | Jenny Higgins, Nashville |
| 4:27.70 | Amy Walker, Peddie | 1:05.92 | Lisa Dubbe, ODAC |
| 4:28.59 | Kristin Lilly, SBSC | 1:05.94 | G. Thomson, Team Trojan |
| 4:30.71 | Michele Hlinka, S3SC | 1:05.97 | Leigh Bassler, CPM |
| 4:30.82 | Julie Sommer, Texas | 1:05.97 | Lynn Kohl, FLST |
| 4:36.63 | Susan Wolfe, Tipp | 1:05.97 | Andea Fisher, Texas |
| | | 1:05.99 | Karen Burgess, Texas |
| | | 1:05.99 | Erin Brooks, SHY |
| | | 1:06.06 | Stacy Potter, Americus |
| | | 1:06.19 | Lori Williams, Kids |
| | | 1:06.25 | Missi Dalrymple, Peddie |
| | | 1:06.36 | Heather Ray, Unat. |
| | | 1:06.45 | Cheryl White, Retriever |
| | | 1:06.49 | Michelle McCarthy, CPM |
| | | 1:06.83 | Catherine Capriles, Altos |
| | | 1:06.84 | Lindsay Benko, PCSC |
| | | 1:06.99 | Shelagh McCarthy, Bernal's |
| | | 1:07.34 | Ingrid Klpe, Retriever |
| | | 1:07.45 | Nancy Chapman, IRCC |
| | | 1:07.48 | Kim Higel, Pointe |
| | | 1:07.55 | Allison Lovell, Cabrillo |
| | | 1:07.60 | Karen Iverson, Elmbrook |
| | | 1:07.60 | Jody Reed, Curl-Burke |
| | | 1:07.63 | M. Josephson, Slingrays |
| | | 1:07.65 | Alison Terry, Unat. |
| | | 1:07.74 | Anna Krenk, Willamalane |
| | | 1:07.78 | Jacquelyn Strom, Athens |
| | | 1:07.81 | Marcy Keifer, SYS |
| | | 1:07.85 | Sharon Curlee, Meck. |
| | | 1:08.35 | Andrea Wofosz, BD |
| | | 1:08.38 | Carol Ginvin, Elma |
| | | 1:08.58 | Carolee Osborne, Tualatin |
| | | 1:08.86 | Aubrey Truett, GG |
| | | 1:08.82 | Lisa Pastrana, Navy Jr. |
| | | 1:08.82 | Marci Herrera, LBSC |

800 FREE AUGUST 12

Timed Finals

- | | |
|---------|----------------------------|
| 8:48.12 | Sarah Anderson, SRV |
| 8:49.66 | Alexis Larsen, Class |
| 8:51.71 | Eva Mortensen, Stanford |
| 8:52.12 | Kari Lydersen, Encinitas |
| 8:52.39 | April Diez, MVN |
| 8:52.40 | Sherri Hanna, WA |
| 8:52.61 | Kathy Hoffman, Daytona |
| 8:53.06 | Erin Meyer, Dynamo |
| 8:56.36 | Amy Walker, Peddie |
| 8:56.64 | Trina Jackson, PCSC |
| 8:56.73 | Sionainn Marcoux, SoCal |
| 8:56.75 | Tara Pierce, Athens |
| 8:56.79 | Michelle Butcher, UNL |
| 8:57.39 | Lori Walker, TEST |
| 8:57.61 | Kate Girard, Wolverine |
| 8:57.80 | Nikki Hudson, Class |
| 8:58.13 | Lisa Arent, Omaha Sub. |
| 8:59.33 | Theresa Picklo, Unat. |
| 9:00.47 | Elizabeth Rossi, YWCA |
| 9:00.94 | Becky Hackiewicz, JYJ |
| 9:01.03 | Kerri Hale, Mission Aurora |
| 9:01.60 | Lynn Newton, Gopher |
| 9:01.99 | Stacie Duncan, MVN |
| 9:06.42 | Lee Ann Gathings, MECK |
| 9:12.48 | Bambi Bowman, SYS |
| 9:17.53 | Michelle Clark, Phoenician |

1500 FREE AUGUST 16

Timed Finals

- | | |
|----------|----------------------------|
| 16:40.40 | Kathy Hoffman, Dayton |
| 16:47.17 | Alexis Larsen, Class |
| 16:51.54 | Katherine Comanor, STAN |
| 17:00.34 | Sionainn Marcoux, SoCal |
| 17:03.03 | Michelle Butcher, UNL |
| 17:04.97 | Lynn Newton, Gopher |
| 17:06.37 | April Diaz, MVN |
| 17:07.33 | Mary Dowling, Curl-Burke |
| 17:09.54 | Lori Walker, TWST |
| 17:14.80 | Amy Walker, Peddie |
| 17:17.71 | Kerri Hale, Mission Aurora |
| 17:19.57 | Kate Girard, Wolverine |
| 17:27.92 | Sheila Taormina, FLST |

100 BACK AUGUST 15

Championship Finals

- | | |
|---------|--------------------------|
| 1:02.43 | B.J. Bedford, Texas |
| 1:03.20 | Catherine Byrne, LESE |
| 1:03.77 | T. Williams, Coral Spgs. |
| 1:03.97 | Tanya Philbeck, Y Sparta |
| 1:04.25 | Sheri White, Phoenician |
| 1:04.60 | Kym Hucal, NRAA |
| 1:04.88 | Leslie Mix, Issaquah |
| 1:05.48 | Anne Mahoney, Wichita |

Consolation Finals

- | | |
|---------|---------------------------|
| 1:03.50 | Trina Thames, Gopher |
| 1:04.42 | Sonja Leiter, Worthington |
| 1:04.63 | Mary Petry, IHAC |
| 1:04.77 | M. Brandenstein, Solotar |
| 1:04.88 | Becky Shelton, SCSC |
| 1:05.00 | Tammy Shannon, Mult. |
| 1:05.12 | Larissa Herold, Seacoast |
| 1:05.38 | Hope Gittings, Bolles |

Prelims

- | | |
|---------|--------------------------|
| 1:01.99 | B.J. Bedford, Texas |
| 1:03.34 | Anne Mahoney, Wichita |
| 1:03.71 | Catherine Byrne, LESE |
| 1:03.96 | T. Williams, Coral Spgs. |
| 1:03.96 | Sheri White, Phoenician |
| 1:04.16 | Tanya Philbeck, Y Sparta |
| 1:04.23 | Kym Hucal, NRAA |
| 1:04.34 | Leslie Mix, Issaquah |
| 1:04.47 | Trina Thames, Gopher |

200 BACK AUGUST 13

Championship Finals

- | | |
|---------|--------------------------|
| 2:14.66 | Paige Wilson, Athens |
| 2:15.17 | Tammy Shannon, Mult. |
| 2:15.60 | B.J. Bedford, Texas |
| 2:15.89 | Larissa Herold, Seacoast |
| 2:16.55 | Sheri White, Phoenician |
| 2:16.88 | Kym Hucal, NRAA |
| 2:17.63 | Jenny Dudley, Lobo |
| 2:18.29 | Catherine Byrne, LESE |

Consolation Finals

- | | |
|---------|---------------------------|
| 2:15.79 | T. Williams, Coral Spgs. |
| 2:16.67 | Julie Weaver, Olympia |
| 2:17.48 | Trina Thames, Gopher |
| 2:17.92 | Sonja Leiter, Worthington |
| 2:17.99 | Sidney Brinson, Florida |
| 2:18.23 | Becky Shelton, SCSC |
| 2:18.41 | Rachel Pchola, NJW |
| 2:18.94 | Kristina Stinson, Texas |

Prelims

- | | |
|---------|---------------------------|
| 2:14.70 | Tammy Shannon, Mult. |
| 2:15.06 | Paige Wilson, Athens |
| 2:15.61 | B.J. Bedford, Texas |
| 2:16.22 | Sheri White, Phoenician |
| 2:16.41 | Jenny Dudley, Lobo |
| 2:16.73 | Larissa Herold, Seacoast |
| 2:17.12 | Kym Hucal, NRAA |
| 2:17.52 | Catherine Byrne, LESE |
| 2:17.78 | Sonja Leiter, Worthington |
| 2:17.86 | Julie Weaver, Olympia |
| 2:18.00 | T. Williams, Coral Spgs. |
| 2:18.15 | Kristina Stinson, Texas |
| 2:18.16 | Rachel Pchola, NJW |
| 2:18.29 | Becky Shelton, SCSC |
| 2:18.44 | Trina Thames, Gopher |
| 2:18.56 | Sidney Brinson, Florida |
| 2:18.74 | Heather Ray, Unat. |
| 2:18.78 | Diana Fridly, LVG |
| 2:19.05 | P. Pecastaing, Duke City |
| 2:19.16 | Michelle Donahue, Mult. |
| 2:19.18 | Michelle McCarthy, CPM |
| 2:19.23 | Leslie Mix, Issaquah |
| 2:19.37 | Erin Brooks, SHY |
| 2:19.44 | Tanya Philbeck, Y Sparta |
| 2:19.74 | Erin Yarbrough, Trinity |

FOR THE RECORD

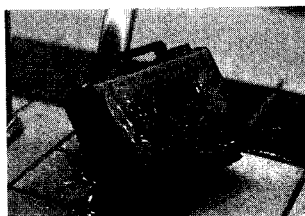
2:19.85 Kim Higel, Pointe	1:14.28 Tara Shriner, Santa Maria	1:00 FLY AUGUST 15	2:16.38 Dady Vincent, Florida	2:20.61 Sheila Taormina, FLST	4:57.61 Karin Bunting, FOX
2:19.97 Lara Rogers, SBSC	1:14.40 Kerl Coy, Gr. White Sharks	Championship Finals	2:16.85 Courtney Lowe, SBSC	2:21.71 Michelle Griglione, CB	4:57.71 K. Comanor, Stanford
2:20.09 Leigh Bassler, CPM	1:14.41 Amanda White, NBAC	1:01.03 Paige Wilson, Athens	Consolation Finals	2:21.76 Karen Burgess, Texas	4:58.12 Michelle Ham, GWSC
2:20.14 Alecia Humphrey, Marist	1:14.43 Allison Wagner, Florida	1:01.05 Dara Torres, Florida	2:21.98 Tracy Edmister, RMSC	2:22.18 Lon Werth, Texas	4:58.15 Sarah Nunemaker, COPS
2:20.41 Suzi Burt, MVN	1:14.62 Chrissy Miller, UMLY	1:01.59 Kris Stoudt, SCSC	2:22.22 Sarah Nunemaker, COPS	2:22.22 Sarah Nunemaker, COPS	4:58.70 Carrie Szulc, Berkeley
2:20.59 Cheryl White, Retriever	1:14.64 Amy Durfee, Bend	1:02.00 Stacy Potter, Americus	2:22.29 Laura Berria, Rio	2:22.29 Laura Berria, Rio	4:58.99 Laura Berta, RIO
2:20.59 M. Brandenstein, Solotar	1:15.15 Michelle Perry, MVN	1:02.19 Dady Vincent, Florida	2:22.46 Pipa Downes, FOX	2:22.46 Pipa Downes, FOX	4:58.90 Jennifer Smith, Greenville
2:20.69 Stephanie Bowers, CB	1:15.19 Katherine Rhodes, Hunts.	1:02.25 B.J. Bedford, Texas	2:22.54 Michelle Ham, GWSC	2:22.54 Michelle Ham, GWSC	4:59.37 Sheila Conway, Seacoast
2:20.80 Kiki Steinberg, SYS	1:15.26 Susie Fawcett, Delaware	1:02.61 R. Gamboa, Menomonee	2:22.61 Sheila Conway, Seacoast	2:22.61 Sheila Conway, Seacoast	4:59.63 Laura Yenglin, N. Jeffco
2:21.09 Jenny Higgins, Nashville	1:15.41 Darcy Hathaway, Meck.	Consolation Finals	2:22.92 T. Williams, Coral Spgs.	2:22.92 T. Williams, Coral Spgs.	4:59.94 Kim Madden, NJW
2:21.40 Laura Yenglin, N. Jeffco	1:15.42 Courtney Janssen, CPM	1:02.56 Barb Pranger, Lawrence	2:23.01 Alegra Breaux, Dad's Club	2:23.01 Alegra Breaux, Dad's Club	5:00.30 Mayuka Noda, FOX
2:21.47 Ashley Dixon, Peddie	1:15.42 Courtney Thomas, Altos	1:02.69 W. Hipskink, Waynesboro	2:23.02 Indra Allick, AHAC	2:23.02 Indra Allick, AHAC	5:00.32 Dana Hazard, FOX
2:21.84 Marci Bodner, JCC Sailfish	1:15.52 Heather Blackmon, Meck.	1:02.95 Renee Riccio, FLST	2:23.04 G. Rose, Memphis St.	2:23.04 G. Rose, Memphis St.	5:01.00 Betsy Hugh, MVN
2:21.89 S. Campbell, Dayton	1:16.13 Heather Blackmon, Meck.	1:03.01 Larissa Herold, Seacoast	2:23.04 Teresa Mauck, KCB	2:23.04 Teresa Mauck, KCB	5:01.17 Teresa Mauck, KCB
2:22.09 Mary Petry, IHAC	1:16.43 Christy Richardson, SCSC	1:03.11 Larissa Herold, Seacoast	2:23.26 Geni Nichols, Dynamo	2:23.26 Geni Nichols, Dynamo	5:01.38 Courtney Hanna, Dynamo
2:22.78 Shannon Allison, Raleigh	1:16.47 D. Mastagni, Swim Aurora	1:03.11 Kristie Krueger, Pe6	2:23.32 Andrea Ciro, Texas	2:23.32 Andrea Ciro, Texas	5:01.75 Erin Meyer, Dynamo
2:22.85 Sheilah McCarthy, Bernal's	1:17.54 M. Fankhauser, Unat.	1:03.19 Jenna Johnson, Stanford	2:23.39 Karin Bunting, FOX	2:23.39 Karin Bunting, FOX	5:01.80 Kerri Hale, Mission Aurora
2:22.90 Sara West, Golden Seal	200 BREAST AUGUST 13	1:03.47 Lori Holmes, Northwestern	2:23.43 Ryan Pauley, STAR	2:23.43 Ryan Pauley, STAR	5:02.02 Jessica Grass, Atomic City
2:22.93 Sharon Curlee, Meck.	Championship Finals	1:03.71 Leigh Metcalf, FLST	2:23.45 Amanda Hall, Bernal's	2:23.45 Amanda Hall, Bernal's	5:02.90 G. Rose, Memphis St.
2:23.24 Christine Jensen, Peddie	2:33.71 Megan Kleine, Wildcat	Prelims	2:23.45 Jessica Nixon, Marauders	2:23.45 Jessica Nixon, Marauders	5:03.44 Jenny Ankeny, Tuatlati
2:23.36 Nancy Chapman, IRCC	2:34.75 Stephanie Wrede, NJW	1:01.36 Dara Torres, Florida	2:23.53 K. Rhodes, CSP	2:23.53 K. Rhodes, CSP	5:03.46 Katie Bell, NCCAY
2:23.44 Ingrid Kipe, Retriever	2:35.47 Becky Bruch, SCSC	1:01.70 Paige Wilson, Athens	2:23.78 K. Rhodes, Huntsville	2:23.78 K. Rhodes, Huntsville	5:03.52 Erin Racht, Fighting Irish
2:23.60 Deirdre Dilworth, Gotham	2:36.68 Rachel Gustin, Anderson	1:01.87 Danielle Strader, FOX	2:23.94 Mikey Flaherty, Peddie	2:23.94 Mikey Flaherty, Peddie	5:04.15 Christy Sax, Memphis St.
2:24.05 Ginny Griffith, Waynes.	2:37.30 Laura Berta, Rio	1:02.06 Stacy Potter, Americus	2:23.99 Laura Yenglin, N. Jeffco	2:23.99 Laura Yenglin, N. Jeffco	5:04.69 Elyssa Moreland, Retriever
2:24.06 Katy Lukens, LVG	2:37.61 M.E. Blanchard, SA	1:02.06 Stacy Potter, Americus	2:24.13 Pia Westeson, W. Creek	2:24.13 Pia Westeson, W. Creek	5:06.10 Mary Torgerson, Reno
2:24.21 Lisa Dubbe, ODAC	2:37.68 Kristi Busico, Texas	1:02.18 Kris Stoudt, Santa Clara	2:24.21 Julia Gorman, NBAC	2:24.21 Julia Gorman, NBAC	5:06.15 Becky Shelton, SCSC
2:24.40 Jacquelyn Strom, Athens	Consolation Finals	1:02.40 R. Gamboa, Menomonee	2:24.57 Lara Rogers, SBSC	2:24.57 Lara Rogers, SBSC	5:06.70 Eva Mortensen, Stanford
2:24.82 Laura Ellison, SoCal	2:36.65 Buffy Nelson, Americus	1:02.43 Dady Vincent, Florida	2:24.81 Tara Reynolds, LRRRC	2:24.81 Tara Reynolds, LRRRC	5:09.73 Cynthia Janssen, CPM
2:25.63 Leigh Wagner, IHAC	2:36.91 Amy Durfee, Bend	1:02.65 Leigh Metcalf, FLST	2:24.93 Shari Burns, WAC	2:24.93 Shari Burns, WAC	5:10.05 Trina Jackson, PCCS
2:25.82 Karen Iverson, Elmbrook	2:36.96 Karla Wilson, Rock-Mont	1:02.68 Lori Holmes, Northwestern	2:25.36 Mary Torgerson, Reno	2:25.36 Mary Torgerson, Reno	5:11.05 Rebecca Morse, Ohio St.
2:26.36 Amanda Hall, Bernal's	2:37.29 Allison Wagner, Florida	1:02.70 Larissa Herold, Seacoast	2:25.41 Ken Reynolds, Spartan	2:25.41 Ken Reynolds, Spartan	5:12.52 Susan Wolfe, TIPP
2:31.08 Meredith Booker, RBA	2:38.58 Chrissy Miller, UMLY	1:02.72 Jenna Johnson, Stanford	2:25.44 Alecia Humphrey, Marist	2:25.44 Alecia Humphrey, Marist	5:12.54 Chandra Haislet, Nwstern
100 BREAST AUGUST 15	2:39.07 Cynthia Janssen, CPM	1:02.73 Kristie Krueger, Pe6	2:25.44 Rachel Gustin, Anderson	2:25.44 Rachel Gustin, Anderson	400 MR
Championship Finals	2:39.20 Tara Shriner, Santa Maria	1:02.73 Kristie Krueger, Pe6	2:25.82 Michelle McCarthy, CPM	2:25.82 Michelle McCarthy, CPM	Timed Finals
1:10.79 Emily Short, Rio	2:39.29 K. Rhodes, Huntsville	1:03.01 W. Hipskink, Waynesboro	2:25.97 Tori DeSilvia, FLST	2:25.97 Tori DeSilvia, FLST	4:14.43 Florida
1:11.58 Megan Kleine, Wildcat	Prelims	1:03.06 Georgia Sewell, NRAA	2:26.05 Kristina Stinson, Texas	2:26.05 Kristina Stinson, Texas	4:16.76 Texas
1:11.59 Katie Hedman, SRV	2:34.80 Megan Kleine, Wildcat	1:03.06 Georgia Sewell, NRAA	2:26.28 R. Gamboa, Menomonee	2:26.28 R. Gamboa, Menomonee	4:17.54 Fort Lauderdale
1:11.99 Tori DeSilvia, FLST	2:35.07 Stephanie Wrede, NJW	1:03.27 Julia Gorman, NBAC	2:26.49 Chandra Haislet, Nwstern	2:26.49 Chandra Haislet, Nwstern	4:19.39 Santa Clara
1:12.14 Buffy Nelson, Americus	2:36.05 Emily Short, Rio	1:03.32 Sara Gelling, Lake Country	2:26.65 Maureen Newlon, PCCS	2:26.65 Maureen Newlon, PCCS	4:21.50 Florida B
1:12.24 Susan Lipscomb, Mustang	2:36.30 Kristi Busico, Texas	1:03.32 Sara Gelling, Lake Country	2:26.85 Jennifer Banda, AAA	2:26.85 Jennifer Banda, AAA	4:21.81 Americas
1:12.65 Keri Reynolds, Spartan	2:37.03 Becky Bruch, Santa Clara	1:03.41 Pam Minthorn, Stanford	2:27.17 S. Hutcherson, Poseldon	2:27.17 S. Hutcherson, Poseldon	4:22.64 Macklenburg
1:13.47 Leslie Repetto, Seacoast	2:37.23 Rachel Gustin, Anderson	1:03.41 Pam Minthorn, Stanford	2:28.29 Alison Terry, Unat.	2:28.29 Alison Terry, Unat.	4:22.68 Peddie
Consolation Finals	2:37.30 Laura Berta, Rio	1:03.51 Amy Cooper, Texas	2:28.29 Alison Terry, Unat.	2:28.29 Alison Terry, Unat.	4:23.94 Mission Viejo
1:13.17 Becky Bruch, SCSC	2:37.85 M.E. Blanchard, SA	1:03.52 Amy Van Dyken, Mile High	2:28.68 Ginny Griffith, Waynesboro	2:28.68 Ginny Griffith, Waynesboro	4:24.48 Fort Lauderdale B
1:13.30 Rhonda Rhoades, Tacoma	2:38.10 Tara Shriner, Santa Maria	1:03.54 E. Barnhardt, Meck.	400 IM	AUGUST 14	4:24.51 Gopher
1:13.36 Casey Keiber, Bethlehem	2:38.12 Amy Durfee, Bend	1:03.58 Sarah Weiss, Tenn.	Championship Finals	Championship Finals	4:25.04 Stanford
1:13.54 Becky Gumpert, Bend	2:38.40 Buffy Nelson, Americus	1:03.62 Stacia Goff, Ohio State	4:51.29 Sheila Taormina, FLST	4:51.29 Sheila Taormina, FLST	4:25.29 Seacoast
1:13.56 Rachel Gustin, Anderson	2:38.58 Chrissy Miller, UMLY	1:03.67 Stacia Goff, Ohio State	4:52.45 Amy Walker, Peddie	4:52.45 Amy Walker, Peddie	4:25.68 Club Wolverine
1:13.79 Michele Schroder, CPM	2:38.71 Allison Wagner, Florida	1:03.70 M. Cornelius, Suburban	4:56.31 T. Williams, Coral Spgs.	4:56.31 T. Williams, Coral Spgs.	4:25.77 Retriever
1:14.02 Kristi Busico, Texas	2:38.83 K. Rhodes, Huntsville	1:03.76 Maureen Newlon, PCCS	4:56.46 Stephanie Brinser, Tenn.	4:56.46 Stephanie Brinser, Tenn.	4:26.07 Curt-Burke
1:14.37 Glenda Lueders, CSP	2:38.98 Karla Wilson, Rock-Mont	1:03.98 Lisa Coole, Rockford	4:56.95 Anne Kampfe, Dedcatr	4:56.95 Anne Kampfe, Dedcatr	4:26.59 Tennessee
Prelims	2:39.01 Cynthia Janssen, CPM	1:04.11 Lisa Coole, Rockford	4:56.99 Julie Kole, FOX	4:56.99 Julie Kole, FOX	4:26.63 Foxcatcher
1:11.35 Katie Hedman, SRV	2:39.12 Andrea Gaber, Peddie	1:04.15 Nicole Dreesen, DADS	4:57.42 Lori Werth, Texas	4:57.42 Lori Werth, Texas	4:26.91 Texas B
1:11.82 Susan Lipscomb, Mustang	2:39.25 Tori DeSilvia, FLST	1:04.31 Jennifer Boyd, FLST	4:58.49 Mikey Flaherty, Peddie	4:58.49 Mikey Flaherty, Peddie	4:27.48 Lake Country
1:12.26 Emily Short, Rio	2:39.55 Gabrielle Rose, Memphis	1:04.35 Mary Ellen Dwan, Texas	4:55.09 Michelle Ham, GWSC	4:55.09 Michelle Ham, GWSC	4:27.68 Lawrence
1:12.46 Buffy Nelson, Americus	2:39.55 Gabrielle Rose, Memphis	1:04.42 Michelle Jesspersen, BD	4:56.30 Carrie Szulc, Berkeley	4:56.30 Carrie Szulc, Berkeley	4:27.73 Badger Dolphins
1:12.72 Keri Reynolds, Spartan	2:39.77 Jena Pridaoux, Berkeley	1:04.47 Julie Holsinger, Gopher	4:57.27 Sarah Nunemaker, COPS	4:57.27 Sarah Nunemaker, COPS	4:27.92 Bernal's Gators
1:12.82 Leslie Repetto, Seacoast	2:39.84 Robin Lewis, Tenn.	1:04.78 Katy Anderson, Indar V.V.	4:57.50 Sarah Nunemaker, COPS	4:57.50 Sarah Nunemaker, COPS	4:29.23 Las Vegas Gold
1:13.08 Tori DeSilvia, FLST	2:40.35 Andrea Ciro, Texas	1:04.78 Katy Anderson, Indar V.V.	4:57.71 K. Comanor, Stanford	4:57.71 K. Comanor, Stanford	4:30.40 Santa Clara B
1:13.15 Megan Kleine, Wildcat	2:40.49 Darcy Hathaway, Meck.	1:05.15 Lisa Rakoski, JYJ	4:58.23 Karin Bunting, FOX	4:58.23 Karin Bunting, FOX	4:31.36 Golden West
1:13.17 Michele Schroder, CPM	2:40.49 Courtney Hanna, Dynamo	1:05.32 Tracy Edmister, RMSC	4:58.23 Karin Bunting, FOX	4:58.23 Karin Bunting, FOX	4:32.23 CPH-Terrapins
1:13.38 Becky Bruch, SCSC	2:40.89 Amanda White, NBAC	1:05.43 Jodee Lake, NRAA	4:58.30 Pippa Downes, FOX	4:58.30 Pippa Downes, FOX	4:32.27 New Jersey Wave
1:13.41 Kristi Busico, Texas	2:41.31 Glenda Lueders, CSP	1:06.14 Lynn Kelly, NJW	4:58.37 Laura Berta, RIO	4:58.37 Laura Berta, RIO	4:33.57 Coral Springs
1:13.49 Casey Keiber, Bethlehem	2:41.69 Julie Eckert, Curt-Burke	200 FLY AUGUST 13	Prelims	Prelims	4:33.25 Pine Crest
1:13.81 Rhonda Rhoades, Tacoma	2:42.90 Michele Schroder, CPM	Championship Finals	4:53.62 Anne Kampe, Decatur	4:53.62 Anne Kampe, Decatur	4:33.44 Sarasota YMCA
1:13.82 Rachel Gustin, Anderson	2:43.34 Mary Burke, Curt-Burke	1:11.70 Julie Kole, FOX	4:54.02 Julie Kole, FOX	4:54.02 Julie Kole, FOX	4:33.75 Ohio State
1:13.99 Glenda Lueders, CSP	2:43.75 Jennifer Cohen, LFSC	1:14.12 Michelle Griglione, CB	4:55.87 Sheila Taormina, FLST	4:55.87 Sheila Taormina, FLST	4:36.43 Cincinnati Papi Marlins
1:14.01 Becky Gumpert, Bend	2:44.20 Paige Scott, IRCC	1:14.38 Rachel Slade, Peddie	4:56.51 Lori Werth, Texas	4:56.51 Lori Werth, Texas	4:38.61 Glendale Gauchos
1:14.03 Laura Grimes, Aggie	2:44.31 M. Marcinkowski, FOX	1:15.77 Paige Wilson, Athens	4:56.51 Mikey Flaherty, Peddie	4:56.51 Mikey Flaherty, Peddie	400 FR
1:14.17 Stephanie Zurich, Florida	2:44.39 Christy Richardson, SCSC	1:15.88 Danielle Strader, FOX	4:56.75 Amy Walker, Peddie	4:56.75 Amy Walker, Peddie	Timed Finals
1:14.16 Alegra Breaux, Dad's Club	2:45.27 Stephanie Zurich, Florida	2:15.92 Stacia Goff, Ohio State	4:57.12 T. Williams, Coral Spgs.	4:57.12 T. Williams, Coral Spgs.	3:45.49 Florida
1:14.19 Karla Wilson, Rock-Mont	2:45.73 Andrea Reade, Fullerton		4:57.39 Stephanie Brinser, Tenn.	4:57.39 Stephanie Brinser, Tenn.	
1:14.23 Andrea Gaber, Peddie	2:49.47 Jacquelyn Strom, Athens				

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FOR THE RECORD

3:48.45	Fort Lauderdale	23.54	David Fox, Branch Bank
3:50.57	Texas	23.60	Erik Maurer, NRAA
3:53.08	Fort Lauderdale B	23.61	John DeGlorio, Mustang
3:54.14	Mission Viejo	23.61	Bjorn Zikarsky, Unat.
3:54.46	Pine Crest	23.62	Seth Pepper, HOT
3:54.95	Badger Dolphins	23.62	Bryan Davis, Santa Clara
3:54.96	Texas B	23.63	Jason Fink, Texas
3:55.41	Americus	23.66	Greg Mihalik, Palatine
3:55.95	Santa Clara	23.68	Chris Compton, Greens.
3:56.03	Florida B	23.69	Keith Anderson, Bengal
3:56.94	Ohio State	23.70	Andy Roberts, MVN
3:57.72	Tennessee	23.71	Scott Townsend, Lawrence
3:58.44	Cypress Fairbank	23.76	Chris Drylusk, Florida
3:58.53	Foxcatcher	23.76	Brian Jacobson, Bellflower
3:59.32	Retriever	23.77	Bill Shell, Reno
3:59.53	Santa Barbara	23.79	Alyn Towne, Florida
3:59.61	Mecklenburg	23.80	Todd Dudley, Branch Bank
3:59.68	Gopher	23.81	Eric Boland, Lobo
3:59.83	Lawrence	23.82	Deryl Leubner, FLST
4:00.10	Lake Country	23.86	Curtis Taylor, S. Oregon
4:00.63	Santa Clara B	23.91	Doug Boyd, LRRRC
4:01.00	Golden West	23.92	Jeff Kuta, Rockwood
4:01.03	P-66	23.98	Asa Lawrence, TWST
4:01.76	City of Plano B	23.98	John De Groot, Stanford
4:01.97	Sarasota YMCA	24.01	Scott Gregory, W. Florida
4:02.00	Pine Crest B	24.01	Brett Stone, Texas
4:02.46	Madison	24.01	Rob Hudock, SA
4:02.78	New Jersey Wave	24.02	Steve Busse, CPM
4:03.39	Glendale Gauchos B	24.03	Mark Noetzel, Wolverine
4:04.24	Bernal's Gators	24.06	Ugur Tamer, Chinoak
4:05.18	Seacast	24.08	Leif Wennerstrom, SCSC
4:06.17	CPH-Terrapins	24.08	Scott Ekman, Bengal
4:19.30	Peddle	24.10	Tod Schroeder, JG
4:20.00	Little Rock	24.10	Brian Dowdall, TWST
4:20.00	DQ	24.12	Jay Behr, Solo
4:20.00	DQ	24.16	Mike Picotte, SSD
4:20.00	DQ	24.20	Dave McCrary, LRRRC
4:20.00	DQ	24.21	Enry McGord, LVG
4:20.00	DQ	24.22	Graham Ginn, Texas
4:20.00	DQ	24.24	Jeff Murray, Americus
4:20.00	DQ	24.26	Jack Heath, FLST
4:20.00	DQ	24.33	Theodore Nelson, QSU
4:20.00	DQ	24.40	Michael Morgan, MBAY
4:20.00	DQ	24.42	Trevor Sanders, CCA
4:20.00	DQ	24.45	Scott Wester, GWSC
4:20.00	DQ	24.52	Kyle Depold, Colonie
4:20.00	DQ	24.57	Robert Fleming, Cy-Fair
4:20.00	DQ	24.67	D. Cademartori, W. Creek
4:20.00	DQ	24.60	Paul Wolf, AHAC

800 FR AUGUST 15			
Timed Finals			
8:14.00	Florida	24.22	Graham Ginn, Texas
8:15.34	Fort Lauderdale	24.24	Jeff Murray, Americus
8:23.89	Mission Viejo	24.26	Jack Heath, FLST
8:25.93	Texas	24.33	Theodore Nelson, QSU
8:26.31	Foxcatcher	24.40	Michael Morgan, MBAY
8:26.34	Club Wolverine	24.42	Trevor Sanders, CCA
8:27.03	City of Plano	24.45	Scott Wester, GWSC
8:27.60	Santa Clara	24.52	Kyle Depold, Colonie
8:28.82	Fort Lauderdale B	24.57	Robert Fleming, Cy-Fair
8:29.95	Badger Dolphins	24.67	D. Cademartori, W. Creek
8:31.66	Florida B	24.60	Paul Wolf, AHAC
8:32.37	Pine Crest		
8:33.05	Ohio State		
8:33.15	Texas B		
8:33.55	Santa Barbara		
8:34.50	Peddle		
8:37.05	Retriever		
8:37.89	Golden West		
8:38.05	Curl-Burke		
8:38.28	Tennessee		
8:38.32	Lawrence		
8:38.96	Gopher		
8:39.17	San Jose		
8:39.77	Sarasota YMCA		
8:39.87	Seacast		
8:40.25	New Jersey Wave		
8:42.37	Pine Crest B		
8:43.06	Lake Country		
8:43.20	Madison		
8:46.02	Mecklenburg		
8:46.09	Bernal's Gators		
8:46.53	Cypress Fairbank		
8:52.69	Santa Clara B		

MEN			
50 FREE AUGUST 16			
Championship Finals			
23.09	Del Cerney, Gopher	51.15	James Hamrick, Peddie
23.23	James Born, Badger	51.26	Doug Larson, Team Trojan
23.32	Doug Dickinson, Texas	51.34	Brian Kurza, UCLA
23.36	Eric Hansen, Colo. Spgs.	51.36	Dave Burgess, Palatine
23.37	Robert Peel, Unat.	51.45	Alyn Towne, Florida
23.37	Stephen Sheedy, Marist	51.48	Eric Hansen, Colo. Spgs.
23.41	Brian Retterer, Reno	51.53	Gregg Mihalik, Palatine
23.49	Joe Kozlina, Pittsburh	51.62	Adam Werth, Texas
Consolation Finals			
23.34	Byron Davis, Santa Clara	51.80	David Fox, Branch Bank
23.35	Brian Kurza, UCLA	51.83	Todd Dudley, Branch Bank
23.48	Gregg Mihalik, Palatine	51.84	Brian Molver, Golden Bear
23.64	Seth Pepper, HOT	51.85	John Davis, SYS
23.67	Jason Fink, Texas	51.87	Seth Pepper, HOT
23.69	Erik Maurer, NRAA	51.88	C. Compton, Greensboro
23.70	Josh DeLoreo, Mustang	51.89	Erik Maurer, NRAA
23.77	David Fox, Branch Bank	51.97	R. Van Tassel, Wolverine
Prelims			
23.08	Robert Peel, Unat.	51.98	Keith Anderson, Bengal
23.21	Brian Retterer, Reno	52.03	Szymonowski, CCA
23.34	James Born, Badger	52.11	Kurt Kendall, Curl-Burke
23.39	Doug Dickinson, Texas	52.18	John De Groot, Stanford
23.39	Eric Hansen, Colo. Spgs.	52.27	Bill Schell, Reno
23.42	Del Cerney, Gopher	52.30	Joe Kozlina, Pittsburh
23.47	Joe Kozlina, Pittsburh	52.30	Deryl Leubner, FLST
23.50	Stephen Sheedy, Marist	52.32	Scott Wester, GWSC
23.53	Brian Kurza, UCLA	52.34	Del Cerney, Gopher

52.39	John Teal, Desert	52.97	Adam Werth, Texas
52.42	Yann deFabrique, PCSC	53.06	Kevin Williams, Texas
52.42	Brian Jacobson, Bellflower	53.06	Kevin Williams, Texas
52.49	Byron Davis, Santa Clara	53.06	Kevin Williams, Texas
52.54	Robert Fleming, Cy-Fair	53.06	Kevin Williams, Texas
52.57	Alan Serglie, Mustang	53.06	Kevin Williams, Texas
52.61	Doug Jones, Bengal	53.06	Kevin Williams, Texas
52.61	Noel Starnes, LRRRC	53.06	Kevin Williams, Texas
52.64	Mike Picotte, SSD	53.06	Kevin Williams, Texas
52.73	Jim Ammann, Steiner	53.06	Kevin Williams, Texas
52.75	David Meck, Santa Clara	53.06	Kevin Williams, Texas
52.81	Adam Carroll, Real McCoy	53.06	Kevin Williams, Texas
52.90	Eric Boland, Lobo	53.06	Kevin Williams, Texas
52.99	Brett Stone, Texas	53.06	Kevin Williams, Texas
53.05	Robert Peel, Unat.	53.06	Kevin Williams, Texas
53.14	Paton McClung, Tacoma	53.06	Kevin Williams, Texas
54.69	Tod Schroeder, JG	53.06	Kevin Williams, Texas
DO	Bill Sweeney, IVAN	53.06	Kevin Williams, Texas

200 FREE AUGUST 14			
Championship Finals			
1:49.69	Doug Gjertsen, Texas	1:52.16	Rick Tapper, Wolverine
1:49.75	Scott Jaffe, JG	1:52.18	Melvin Stewart, LVG
1:51.29	Josh Davis, Texas	1:52.38	Eric Bacon, Wolverine
1:51.36	Ugur Tamer, Chinoak	1:52.48	Dave Burgess, Palatine
1:51.45	Mike Ross, Peddie	1:52.49	R. Van Tassel, Wolverine
1:51.46	Jason Fink, Texas	1:52.61	Vince Giambalvo, SA
1:52.55	Adam Werth, Texas	1:53.18	Kurt Kendall, Curl-Burke
1:52.65	Leif Wennerstrom, SCSC	1:54.34	John Piersma, Huntsville
Consolation Finals			
1:52.16	Rick Tapper, Wolverine	1:51.34	Ugur Tamer, Chinoak
1:52.18	Melvin Stewart, LVG	1:51.73	Jason Fink, Texas
1:52.38	Eric Bacon, Wolverine	1:51.83	Leif Wennerstrom, SCSC
1:52.48	Dave Burgess, Palatine	1:51.87	Doug Gjertsen, Texas
1:52.49	R. Van Tassel, Wolverine	1:52.02	Adam Werth, Texas
1:52.61	Vince Giambalvo, SA	1:52.04	Scott Jaffe, JG
1:53.18	Kurt Kendall, Curl-Burke	1:52.10	Mike Ross, Peddie
1:54.34	John Piersma, Huntsville	1:52.17	Josh Davis, Texas
Prelims			
1:51.34	Ugur Tamer, Chinoak	1:52.41	Vince Giambalvo, SA
1:51.73	Jason Fink, Texas	1:52.63	R. Van Tassel, Wolverine
1:51.83	Leif Wennerstrom, SCSC	1:52.73	Kurt Kendall, Curl-Burke
1:51.87	Doug Gjertsen, Texas	1:52.73	Rick Tapper, Wolverine
1:52.02	Adam Werth, Texas	1:52.82	Dave Burgess, Palatine
1:52.04	Scott Jaffe, JG	1:52.89	Melvin Stewart, LVG
1:52.10	Mike Ross, Peddie	1:53.05	Jeff Vance, Dynamo
1:52.17	Josh Davis, Texas	1:53.10	John Piersma, Huntsville
1:52.41	Vince Giambalvo, SA	1:53.71	Dan Kanner, Team Trojan
1:52.63	R. Van Tassel, Wolverine	1:54.05	Kevin Williams, Texas
1:52.73	Kurt Kendall, Curl-Burke	1:54.11	Jon Sakovich, Florida
1:52.73	Rick Tapper, Wolverine	1:54.21	Jeff Utsh, HOT
1:52.82	Dave Burgess, Palatine	1:54.24	James Hamrick, Peddie
1:52.89	Melvin Stewart, LVG	1:54.63	Scott Hubbard, CCA
1:53.05	Jeff Vance, Dynamo	1:54.63	Yann deFabrique, PCSC
1:53.10	John Piersma, Huntsville	1:55.12	Brian Retterer, Reno
1:53.71	Dan Kanner, Team Trojan	1:55.40	Scott Wester, GWSC
1:54.05	Kevin Williams, Texas	1:55.83	Alan Serglie, Mustang
1:54.11	Jon Sakovich, Florida	1:56.12	Doug Jones, Bengal
1:54.21	Jeff Utsh, HOT	1:56.53	Robert Fleming, Cy-Fair
1:54.24	James Hamrick, Peddie	1:58.24	Bjorn Zikarsky, Unat.
1:54.63	Scott Hubbard, CCA		
1:54.63	Yann deFabrique, PCSC		
1:55.12	Brian Retterer, Reno		
1:55.40	Scott Wester, GWSC		
1:55.83	Alan Serglie, Mustang		
1:56.12	Doug Jones, Bengal		
1:56.53	Robert Fleming, Cy-Fair		
1:58.24	Bjorn Zikarsky, Unat.		

400 FREE AUGUST 15			
Championship Finals			
3:54.14	Lars Jorgensen, Blue Fins	3:56.17	Jon Sakovich, Florida
3:56.17	Jon Sakovich, Florida	3:56.72	Eric Bacon, Wolverine
3:56.72	Eric Bacon, Wolverine	3:57.54	Chad Carvin, Saddleback
3:57.54	Chad Carvin, Saddleback	3:57.88	Jay Craft, Bernal's
3:57.88	Jay Craft, Bernal's	3:58.17	Rick Tapper, Wolverine
3:58.17	Rick Tapper, Wolverine	3:58.32	Peter Wright, JW
3:58.32	Peter Wright, JW	4:01.72	Dan Kanner, Team Trojan
Consolation Finals			
3:57.77	Steven Herron, Wave	3:59.06	Kenneth Dunlap, MBAY
3:59.06	Kenneth Dunlap, MBAY	3:59.60	Ethan Saulnier, Texas
3:59.60	Ethan Saulnier, Texas	4:01.80	Brian Williams, Sainias
4:01.80	Brian Williams, Sainias	4:03.01	Josh Woodruff, MVN
4:03.01	Josh Woodruff, MVN	4:03.93	Drew Whitting, Texas
Prelims			
3:55.96	Lars Jorgensen, Blue Fins	3:56.21	Rick Tapper, Wolverine
3:56.21	Rick Tapper, Wolverine	3:56.84	Peter Wright, JW
3:56.84	Peter Wright, JW	3:57.56	Dan Kanner, Team Trojan
3:57.56	Dan Kanner, Team Trojan	3:57.82	Eric Bacon, Wolverine
3:57.82	Eric Bacon, Wolverine	3:58.05	Jon Sakovich, Florida
3:58.05	Jon Sakovich, Florida	3:58.29	Jay Craft, Bernal's
3:58.29	Jay Craft, Bernal's	3:58.59	Chad Carvin, Saddleback
3:58.59	Chad Carvin, Saddleback	3:59.63	Vince Giambalvo, SA
3:59.63	Vince Giambalvo, SA	3:59.38	Brian Gunn, Wolverine
3:59.38	Brian Gunn, Wolverine	3:59.44	Steven Herron, Wave
4:00.42	Ethan Saulnier, Texas		

4:00.64	Kenneth Dunlap, MBAY	4:02.17	Steve Warner, TSM
4:00.69	Brian Williams, Sainias	4:02.78	Matt Barager, Mustang
4:01.39	Drew Whitting, Texas	4:03.27	James Hamrick, Peddie
4:01.79	Josh Woodruff, MVN	4:03.30	Yann deFabrique, PCSC
4:01.97	Adam Werth, Texas	4:03.78	Willy Landmark, N. Jeffco
4:02.17	Steve Warner, TSM	4:04.04	Jeff Utsh, HOT
4:02.78	Matt Barager, Mustang	4:04.66	David Kalange, Huntsville
4:03.27	James Hamrick, Peddie	4:04.87	Dan VanHemert, Retriever
4:03.30	Yann deFabrique, PCSC	4:05.31	Andy Lloyd, Chinoak
4:03.78	Willy Landmark, N. Jeffco	4:05.87	Ryan Berube, NP8
4:04.04	Jeff Utsh, HOT	4:05.89	Kevin Williams, Texas
4:04.66	David Kalange, Huntsville	4:05.94	Austin Lindsey, Unat.
4:04.87	Dan VanHemert, Retriever	4:06.18	Scott Hart, Rochester
4:05.31	Andy Lloyd, Chinoak	4:15.12	Jimmy Pearce, MBAY
4:05.87	Ryan Berube, NP8		
4:05.89	Kevin Williams, Texas		
4:05.94	Austin Lindsey, Unat.		
4:06.18	Scott Hart, Rochester		
4:15.12	Jimmy Pearce, MBAY		

800 FREE AUGUST 12			
Timed Finals			
8:02.56	Lars Jorgensen, BFST	8:05.76	Darzynkiewicz, GBSC
8:05.76	Darzynkiewicz, GBSC	8:08.48	Steven Herron, Wave
8:08.48	Steven Herron, Wave	8:08.91	Chad Carvin, SADDLE
8:08.91	Chad Carvin, SADDLE	8:09.44	Peter Wright, JW
8:09.44	Peter Wright, JW	8:11.44	Jon Sakovich, NJW
8:11.44	Jon Sakovich, NJW	8:12.33	K. Holloway, Team Trojan
8:12.33	K. Holloway, Team Trojan	8:12.70	Jon Sakovich, Florida
8:13.00	Drew Whitting, Texas	8:13.00	Jon Sakovich, Florida
8:13.06	Kent Johnson, CCA	8:13.30	Matt Barager, Mustang
8:14.06	Matt Barager, Mustang	8:14.20	Jay Craft, Bernal's
8:14.20	Jay Craft, Bernal's	8:14.69	Jimmy Pearce, MBAY
8:14.99	Ethan Saulnier, Texas	8:14.99	Ethan Saulnier, Texas
8:15.77	Brian Williams, Sainias	8:16.90	Christian Ballard, SBSC
8:16.90	Christian Ballard, SBSC	8:19.57	Ryan Cox, MVN
8:19.57	Ryan Cox, MVN	8:20.51	Bill Pettit, Phoenician
8:20.51	Bill Pettit, Phoenician	8:20.76	Dan Pierce, Team Trojan
8:20.99	Dan Pierce, Team Trojan	8:21.88	Rich Murphy, NJW
8:21.88	Rich Murphy, NJW	8:22.21	Dan VanHemert, Retriever
8:22.21	Dan VanHemert, Retriever	8:22.25	Jim Sullivan, GWSC
8:22.25	Jim Sullivan, GWSC	8:22.48	Rob Rojas, MVN
8:23.36	James Hamrick, Peddie	8:23.36	James Hamrick, Peddie
8:24.16	Matthew Buckley, UCLA	8:25.79	Ben Swartout, Buena
8:25.79	Ben Swartout, Buena	8:26.65	Jason York, Santa Clara
8:26.65	Jason York, Santa Clara	8:26.66	Anthony Brazzale, FWA
8:26.66	Anthony Brazzale, FWA	8:30.02	Greg Maurer, Lake Forest
8:30.02	Greg Maurer, Lake Forest	8:31.33	Jonathan McGowen, CB
8:31.33	Jonathan McGowen, CB	8:31.76	Mitch Derrick, Mustang
8:31.76	Mitch Derrick, Mustang	8:33.49	Stephen Root, Peddie
8:33.49	Stephen Root, Peddie		


1500 FREE AUGUST 16			
Timed Finals			
15:22.75	Lars Jorgensen, Blue Fins	15:26.05	R. Darzynkiewicz, GBSC
15:26.05	R. Darzynkiewicz, GBSC	15:36.19	Steven Herron, Wave
15:36.19	Steven Herron, Wave	15:36.94	Peter Wright, JW
15:36.94	Peter Wright, JW	15:37.18	Chad Carvin, Saddleback
15:37.18	Chad Carvin, Saddleback	15:38.53	Jay Craft, Bernal's
15:38.53	Jay Craft, Bernal's	15:45.35	Jay Craft, Bernal's
15:45.35	Jay Craft, Bernal's	15:52.14	Jon Sakovich, Florida
15:52.14	Jon Sakovich, Florida	15:54.21	Kent Johnson, CCA
15:54.21	Kent Johnson, CCA	15:55.00	Steve Leissner, Spartan
15:55.00	Steve Leissner, Spartan	15:55.99	K. Holloway, Team Trojan
15:55.99	K. Holloway, Team Trojan	15:57	

FOR THE RECORD

Time	Swimmer	Team	Time	Swimmer	Team	Time	Swimmer	Team	
2:14.15	Mike Barrowman, CB		2:08.78	Ryan Berube, NPB	CC	2:07.77	Ray Carey, Bernal's	2:06.94	Danny Ott, Mecklenburg
2:17.57	Kevin Zielinski, Spartan		2:08.94	Cliff Lyme, Mustang	CC	2:06.94	Alex Savtchenko, JG	2:09.66	Tom Sisk, Indiana
2:17.87	Brad Bachulis, Mult.		2:09.06	Cary Romero, DeAnza		2:02.62	Kenneth Dunlap, MBAY	2:09.91	Adam Werth, Texas
2:17.91	Kirk Stackle, Texas		2:09.16	Jan-Eric Esway, JGCS	400 MR	2:02.68	Ian Mull, Spartan	2:10.24	Austin Linsey, Jnat.
2:17.97	Brent Mitchell, Florida		2:09.23	Chris Dryfus, Florida	3:47.59	2:02.95	Yann deFabrique, PCSC	2:11.08	Naiden Kremerliev, CP-
2:18.43	Steve West, GWSC		2:09.25	Troy Griffith, Bellevue	3:48.86	2:09.49	Scott Conley, NBAC	2:11.04	Greg Latta, SBSC
2:18.60	Dan Waters, Texas		2:09.57	John Kings, Wolverine	3:49.27	2:09.64		2:11.08	Jon Newsom, Woodland
2:18.66	Jon Moore, Fullerton		2:09.64	John Kings, Wolverine	3:50.31	2:09.66		2:11.08	Kevin Smith, Rio
2:18.82	Scott Jaffe, JG		2:09.66	Danny Ott, Mecklenburg	3:51.00	2:09.91		2:11.11	Joe Slowik, Peddie
2:19.30	Seth Van Neerden, FLST		2:09.91	Tom Sisk, Indiana	3:51.62	2:02.62		2:11.63	Chuck Jennings, Indiana
2:19.69	Colin Beerline, CPH		2:02.62	Todd Hickman, Fullerton	3:52.71	2:02.68		2:12.28	John Fischetti, Peddie
2:19.74	William Campbell, Trinity		2:02.68	Adam Werth, Texas	3:52.71	2:02.95			
2:19.74	Jud Crawford, Ohio State		2:02.95	Austin Linsey, Jnat.	3:52.97	2:03.32			
2:20.12	Brian Pajer, Novas		2:03.25	Naiden Kremerliev, CP-	3:53.26	2:03.32			
2:20.15	Trent Staats, Texas		2:03.32	Greg Latta, SBSC	3:53.26	2:03.32			
2:20.27	Ty Richardson, Tipp		2:03.32	Scott Conley, NBAC	3:53.26	2:03.32			
2:20.45	Dave Dixon, Colo. Rapids		2:03.32		3:53.26	2:03.32			
2:20.93	Brian Girard, COPS		2:03.32		3:53.26	2:03.32			
2:21.03	Jason Hodder, HOT		2:03.32		3:53.26	2:03.32			
2:21.05	David Schwartz, Phoenix		2:03.32		3:53.26	2:03.32			
2:21.25	Paul Nelsen, Gopher		2:03.32		3:53.26	2:03.32			
2:21.28	John Fischetti, Peddie		2:03.32		3:53.26	2:03.32			
2:21.93	Ryan McKinney, AAA		2:03.32		3:53.26	2:03.32			
2:22.22	Glenn Peoples, Woodland		2:03.32		3:53.26	2:03.32			
2:22.24	L. Engstrom-Heg, MAR		2:03.32		3:53.26	2:03.32			
2:23.33	Kevin Henricks, MVN		2:03.32		3:53.26	2:03.32			
2:23.58	Colin Dirks, Reno		2:03.32		3:53.26	2:03.32			
2:23.61	Scott Dill, Mile High		2:03.32		3:53.26	2:03.32			
2:24.06	Larry Herr, Tipp		2:03.32		3:53.26	2:03.32			
2:24.13	Matt Brown, Tualatin		2:03.32		3:53.26	2:03.32			
2:24.18	Marty Hubbell, Country.		2:03.32		3:53.26	2:03.32			
2:24.57	Cliff Lyme, Mustang		2:03.32		3:53.26	2:03.32			
2:25.20	James Sloat, Real McCoy		2:03.32		3:53.26	2:03.32			
2:25.51	Michael Raley, NBAC		2:03.32		3:53.26	2:03.32			
2:26.17	Zhawn Stevens, Wichita		2:03.32		3:53.26	2:03.32			
2:26.21	Greg Latta, SBSC		2:03.32		3:53.26	2:03.32			
2:31.23	Jon Newsom, Woodland		2:03.32		3:53.26	2:03.32			
DO	Mark Smith, Dynamo		2:03.32		3:53.26	2:03.32			
DO	Sto Appelboom, Ohio State		2:03.32		3:53.26	2:03.32			
100 FLY	AUGUST 15		2:03.32		3:53.26	2:03.32			
	Championship Finals		2:03.32		3:53.26	2:03.32			
54.53	Trip Zedlitz, Kerr-McGee		2:03.32		3:53.26	2:03.32			
54.66	S. Ouackenbush, Gopher		2:03.32		3:53.26	2:03.32			
54.69	Seth Pepper, HOT		2:03.32		3:53.26	2:03.32			
54.88	Alan Lake, FWA		2:03.32		3:53.26	2:03.32			
55.03	David Cademartori, WCAB		2:03.32		3:53.26	2:03.32			
55.27	Ray Carey, Bernal's		2:03.32		3:53.26	2:03.32			
55.48	Del Cerney, Gopher		2:03.32		3:53.26	2:03.32			
55.55	Tom Hay, Peters Township		2:03.32		3:53.26	2:03.32			
	Consolation Finals		2:03.32		3:53.26	2:03.32			
55.41	Theodore Nelson, OSU		2:03.32		3:53.26	2:03.32			
55.44	Brad Budney, Phoenix		2:03.32		3:53.26	2:03.32			
55.53	David Fox, Branch Bank		2:03.32		3:53.26	2:03.32			
55.54	Dan Kutler, Santa Clara		2:03.32		3:53.26	2:03.32			
55.72	Joey Rossetti, SRN		2:03.32		3:53.26	2:03.32			
55.82	Keith Anderson, Bengal		2:03.32		3:53.26	2:03.32			
55.85	Eric Topp, Tipp		2:03.32		3:53.26	2:03.32			
55.87	Ugur Taner, Chinook		2:03.32		3:53.26	2:03.32			
	Prelims		2:03.32		3:53.26	2:03.32			
54.56	S. Ouackenbush, Gopher		2:03.32		3:53.26	2:03.32			
55.09	Seth Pepper, HOT		2:03.32		3:53.26	2:03.32			
55.16	Tom Hay, Peters Township		2:03.32		3:53.26	2:03.32			
55.39	David Cademartori, WCAB		2:03.32		3:53.26	2:03.32			
55.53	Ray Carey, Bernal's		2:03.32		3:53.26	2:03.32			
55.47	Alan Lake, FWA		2:03.32		3:53.26	2:03.32			
55.66	Trip Zedlitz, Kerr-McGee		2:03.32		3:53.26	2:03.32			
55.66	Del Cerney, Gopher		2:03.32		3:53.26	2:03.32			
55.67	Eric Topp, LVG		2:03.32		3:53.26	2:03.32			
55.69	Ugur Taner, Chinook		2:03.32		3:53.26	2:03.32			
55.78	Keith Anderson, Bengal		2:03.32		3:53.26	2:03.32			
55.79	Joey Rossetti, SRN		2:03.32		3:53.26	2:03.32			
55.86	Dan Kutler, Santa Clara		2:03.32		3:53.26	2:03.32			
55.91	Theodore Nelson, OSU		2:03.32		3:53.26	2:03.32			
55.92	Doug Dickinson, Texas		2:03.32		3:53.26	2:03.32			
56.01	Brad Budney, Phoenix		2:03.32		3:53.26	2:03.32			
56.02	David Fox, Branch Bank		2:03.32		3:53.26	2:03.32			
56.04	Craig Jackson, Mustang		2:03.32		3:53.26	2:03.32			
56.04	Brian Gunn, Wolverine		2:03.32		3:53.26	2:03.32			
56.09	Mike Ross, Peddie		2:03.32		3:53.26	2:03.32			
56.23	Jim Giottonini, Tiger		2:03.32		3:53.26	2:03.32			
56.28	Matt Johnson, N'western		2:03.32		3:53.26	2:03.32			
56.33	Adam Boch, Glendale		2:03.32		3:53.26	2:03.32			
56.39	Eric Boland, Lobo		2:03.32		3:53.26	2:03.32			
56.43	Rob Hudock, SA		2:03.32		3:53.26	2:03.32			
58.44	Mike Johnson, Des Moines		2:03.32		3:53.26	2:03.32			
58.44	Greg Larson, Team Trojan		2:03.32		3:53.26	2:03.32			
58.70	William Keever, Bengal		2:03.32		3:53.26	2:03.32			
58.71	Blaine Carlson, BD		2:03.32		3:53.26	2:03.32			
58.71	Ed Riddle, Wichita		2:03.32		3:53.26	2:03.32			
58.72	David Fatzinger, Anderson		2:03.32		3:53.26	2:03.32			
58.79	Aaron Dennis, W. Creek		2:03.32		3:53.26	2:03.32			
57.91	Dirk Marshall, Mult.		2:03.32		3:53.26	2:03.32			
57.04	Doug Swan, Team Rebel		2:03.32		3:53.26	2:03.32			
57.41	Byron Davis, Santa Clara		2:03.32		3:53.26	2:03.32			
57.93	Jamye Kish, Memphis St.		2:03.32		3:53.26	2:03.32			
58.42	Geoff Brisbin, AZM		2:03.32		3:53.26	2:03.32			
200 FLY	AUGUST 13		2:03.32		3:53.26	2:03.32			
	Championship Finals		2:03.32		3:53.26	2:03.32			
1:56.69	Melvin Stewart, LVG		2:03.32		3:53.26	2:03.32			
1:59.76	Brian Gunn, Wolverine		2:03.32		3:53.26	2:03.32			
2:00.27	Ray Carey, Bernal's		2:03.32		3:53.26	2:03.32			
2:00.77	Eric Topp, LVG		2:03.32		3:53.26	2:03.32			
2:01.12	Ugur Taner, Chinook		2:03.32		3:53.26	2:03.32			
2:01.63	Craig Jackson, Mustang		2:03.32		3:53.26	2:03.32			
2:02.04	Randy Hartley, SMSC		2:03.32		3:53.26	2:03.32			
2:02.07	Jim Giottonini, Tiger		2:03.32		3:53.26	2:03.32			
	Consolation Finals		2:03.32		3:53.26	2:03.32			
2:02.24	Can Ergenekan, Tualatin		2:03.32		3:53.26	2:03.32			
2:02.28	Brad Budney, Phoenix		2:03.32		3:53.26	2:03.32			
2:02.31	Jeff Vance, Dynamo		2:03.32		3:53.26	2:03.32			
2:02.62	Alex Savtchenko, JG		2:03.32		3:53.26	2:03.32			
2:02.68	Kenneth Dunlap, MBAY		2:03.32		3:53.26	2:03.32			
2:02.95	Ian Mull, Spartan		2:03.32		3:53.26	2:03.32			
2:03.25	Yann deFabrique, PCSC		2:03.32		3:53.26	2:03.32			
2:03.32	Scott Conley, NBAC		2:03.32		3:53.26	2:03.32			
	Prelims		2:03.32		3:53.26	2:03.32			
1:57.97	Melvin Stewart, LVG		2:03.32		3:53.26	2:03.32			
2:00.93	Ray Carey, Bernal's		2:03.32		3:53.26	2:03.32			
2:01.18	Brian Gunn, Wolverine		2:03.32		3:53.26	2:03.32			
2:01.51	Ugur Taner, Chinook		2:03.32		3:53.26	2:03.32			
2:01.79	Eric Topp, LVG		2:03.32		3:53.26	2:03.32			
2:01.97	Jim Giottonini, Tiger		2:03.32		3:53.26	2:03.32			
2:01.99	Craig Jackson, Mustang		2:03.32		3:53.26	2:03.32			
2:02.08	Randy Hartley, SMSC		2:03.32		3:53.26	2:03.32			
2:02.51	Ian Mull, Spartan		2:03.32		3:53.26	2:03.32			
2:02.64	Jeff Vance, Dynamo		2:03.32		3:53.26	2:03.32			
2:02.71	Brad Budney, Phoenix								

In Retrospect

To the Editor:



I was amazed at the letter Janet Evans wrote in response to an attack on her mother's behavior at the NCAA Championships. Her (hopefully) inadvertent slap in the face of Division III swimming while defending her mother's behavior was totally inappropriate for one of our nation's greatest role models and future spokespersons for the sport of swimming.

Her comments about being "merely the Captain of a Division THREE swim team" and "...could have accomplished more than Division Three swimming" were quite unnecessary in her quest to make a point. As I approach my third season as head coach of a "merely" Division THREE program, I am as excited as ever and look forward to what we can accomplish as a team, both in and out of the water.

BRIAN McLAUGHLIN
Montclair State College, New Jersey

plish.

Parents who love their kids care enough to get involved in all of their children's activities. They learn about the activity, support the activity and talk to their child about the activity.

I do not feel that it is anyone's business how Mrs. Evans reacts to one of Janet's swims. I cannot understand why CBS continually showed Mrs. Evans during the race. I would hope that Mrs. Evans will continue to support her daughter's swimming and CBS will concentrate on the televising of the sport and not on the parent's reactions.

JANIS DEMBACH
Dallas, Texas

Mr. Editor:

Having read both Max Wunderle's and Janet Evans' letters in previous *Swimming World* issues, I feel someone must interject and shine an unbiased light on a heated issue.

Max and Janet are both competitive swimmers who embody completely opposite sides of an argument that has been around for years: what role should a parent play in an athlete's sporting career?

Max supports the idea that a parent should leave the swimming entirely up to the athlete and his/her coach, while Janet praises her mother for guiding her through her triumphs and losses.

Janet is right in that a parent should be there through the ups and downs of an athlete's career.

Max is right in that it is time to put an end to this outrageous performance by over-involved parents. He is wrong, however, to encourage the complete absence of the other half of parenthood: companionship and reinforcement.

I think that both swimmers need to remember these values and their own roles in promoting our delicate sport.

B.J. PHILLIPS
Woodinville, Washington

CINCINNATI PEPSI MARLINS SHORT COURSE SCHEDULE 1991-1992

NOV. 8-10, 1991

Swim your own age up to 12
13-14 & Senior
No cuts, time final

DEC. 6-8, 1991

National "B" or better for 12 &
unders
13-14 & Seniors Ohio "AA", prelims
& finals

JAN. 17-19, 1992

No cuts, prelims and finals

FEB. 21-23, 1992

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unders
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& finals

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513-761-3320

ANSWERS TO ISHOF GAMES PUZZLES

International Swimming Hall of Fame Game

(Page 47)

ACROSS

2. Bill Maxson
6. Frank McKinney
8. Jon Urbanek
9. Jack Nelson
11. Four feet
12. Ron O'Brien

DOWN

1. Yang Wenyi
2. Michigan
3. S.E. Missouri State
4. Michael Lohberg
5. Ten
7. Ira Klein
10. Colorado

ISHOF Flashback Photo (Page 47)

Gilbert Westwell, president of truWest Inc. in Huntington Beach, Calif. Swimming for the Aero Club of Oregon, Westwell was the 1951 junior national champion in the 165 yard individual medley (1:59.2).

Uncle ISHOF's Trivia Quiz (Page 48)

1. b—George Breen won two bronze medals at the 1956 Games in Melbourne (400 free, 4:32.5; 1500 free, 18:02.8) and one at the 1960 Rome Games (1500, 17:30.6) for a total of three.

2. c—Call him superstitious, but Mike Barrowman says he always eats a Big Mac, Quarter Pounder with cheese, fries and a Coke before he sets out to break a world record.

3. a—Sharon Wichman won in 1968 (2:44.4).

4. c and d

5. b

6. a—Andrew Young swam for Howard University

7. c

8. b

9. b

10. c—The swimming pool you always dreamed about... stadium seating for thousands of screaming fans... well, not exactly. The University of Minnesota built its new indoor aquatic complex in the middle of the old football stadium, which the school eventually plans to tear down.

ISHOF Riddle (Page 48)

Swimming: Giorgio Lamberti

Diving: Patrick Jeffrey

Water Polo: Pete Culino

Syncho: Kristin Babb

Riddle: You'll be seeing more of this face in the future:

Karen LaFace

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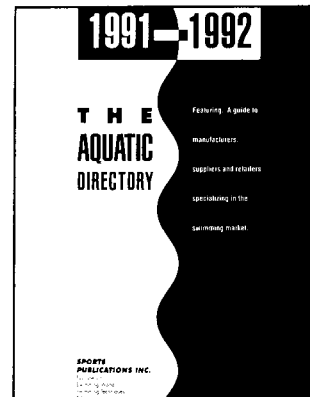
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OCTOBER

12	Bethpage, NY	Bethpage 12&U	516-731-2973
12	Long Beach, NY	Long Beach Relays	516-432-0304
12	Bartlesville, OK	Phillips 66 Distance Festival	405-364-4591
12	Moore, OK	Moore Aquatic Club Unclassified	405-364-4591
12-13	Reedley, CA	RCA "ABC," sc	209-897-7337
12-13	Middleburg Heights, OH	BMSC Season Opener	216-235-5792
12-13	Plano, TX	City of Plano "A" Pentathlon	214-985-7665
13	Newburgh, NY	Newburgh 8&U, 12&U Unclassified	914-561-6229
19-20	Bronx, NY	Gotham Aqua Kings AG/Open	212-255-2120
19-20	Setauket, NY	Three Village Unclassified	516-698-7351
19-20	Tulsa, OK	Swim Tulsa Unclassified	405-364-4591
20	Staten Island, NY	Staten Island Unclassified	718-273-7151
26	Lakewood, OH	LRST Mile Meet	216-521-0616
26	Bartlesville, OK	Phillips 66 Relay Meet	405-364-4591
26-27	Merced, CA	Merced "ABC," sc	209-722-6052
26-27	Flushing, NY	Flushing Y/Daily News Unclassified	718-352-2303
26-27	White Plains, NY	White Plains YMCA 9&U Unclassified	914-949-6227
27	Lakewood, OH	Pentathlon	216-521-0616

NOVEMBER

1-3	Peoria, IL	PAWW Spooktacular "A/B/C"	309-686-3370
1-3	Poughkeepsie, NY	Marist Unclassified	914-471-3240
1-3	Tulsa, OK	Trojan Aquatic Club "AB"	405-364-4591
2	Plano, TX	Little Splashers 10&U "BC"	214-985-7665
2-3	Jacksonville, FL	Navy Jax ST Fall Development Meet	904-264-0035
2-3	Connetquot, NY	Connetquot Unclassified	516-588-5982
2-3	Canton, OH	C.T. Branin Invitational	216-438-2738
2-3	Brown Deer, WI	Schroeder Fall Classic	414-351-6382
8-10	West Point, NY	West Point Unclassified	914-462-4257
8-10	Cincinnati, OH	Swim Your Own Age-12, 13-14, SR	513-761-3320
9-10	Hudson, OH	EAC-ALLTEL Trophy Meet	216-656-8795
9-10	Ponca City, OK	Ponca Salfish "BC"	405-364-4591
10	Stony Brook, NY	North Shore "A-B-C"	516-261-9160
10	New York City, NY	West Side YMCA Sprint	212-787-4400
15	Flushing, NY	Big Apple	718-352-2303
16-17	Madera, CA	Madera Sprint Champs.	209-673-4582
16-17	Cleveland, OH	Viking "A" Fall Classic	216-464-9648
16-17	Oklahoma City, OK	Kerr-McGee "BC"	405-364-4591
17	Staten Island, NY	Staten Island Unclassified	718-273-7151
22-24	White Plains, NY	White Plains YMCA A min., 1f	914-949-6227
23	Hubbard, OH	BSC "B/C" and Open	216-534-0862

23-24	Atlanta, GA	Dynamo "BC" Meet	404-457-7946
23-24	Stony Brook, NY	Unclassified 1f	
29-1	Minneapolis, MN	U.S. Open	719-578-4578
30-1	Tulsa, OK	Swim Tulsa "AB"	405-364-4591

DECEMBER

6-8	Salinas, CA	Pacific Championships	
6-8	Akron, OH	LESD AG/Open	216-371-2552
7	Hempstead, NY	Trots Finmen "B-C"	516-795-3387
7-8	Atlanta, GA	Woodie B. Malone Meet	404-457-7946
7-8	Bartlesville, OK	Phillips 66 "Sub-A"	405-364-4591
8	Staten Island, NY	Staten Island Unclassified	718-273-7151
8-10	Cincinnati, OH	Cinci. Pepsi Marlins Dec. Meet	513-761-3320
13-15	Princeton, NJ	Eastern Express Trials/Finals	609-921-0060
13-15	Flushing, NY	Flushing YMCA/LIE Unclassified, 1f	718-352-2303
14-15	Lawton, OK	Lawton YMCA Barracudas "BC"	405-364-4591
15	Middleburg Heights, OH	BMSC Christmas Developmental	216-235-5792
17-18	Jacksonville, FL	Navy Jax Swim Team Winter Invit.	904-264-0035
20-22	Poughkeepsie, NY	Marist Unclassified	914-471-3240
21	Bethpage, NY	Bethpage 12&U	516-731-2973
29	Huntington, NY	Huntington YMCA 1650	516-271-3349

JANUARY 1992

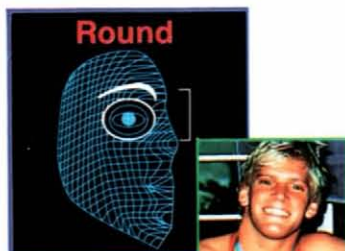
3-5	Brown Deer, WI	YMCA Finalist Meet	414-351-6382
4	Flushing, NY	Flushing YMCA Sprints	718-352-2303
5	Long Beach, NY	Long Beach 8&U	516-432-0304
10-12	Hempstead, NY	Trots Finmen MLK Birthday Meet	516-795-3387
10-12	Newburgh, NY	Newburgh Blue/Gold Unclassified	914-561-6229
11-12	Rockland, NY	Condors "A-B-C"	914-638-2206
12	Staten Island, NY	Staten Island Unclassified	718-273-7151
12	Solon, OH	Solon Sprint Meet	216-652-6476
17-19	Cincinnati, OH	Cinci. Pepsi Marlins Prelims/Finals	513-761-3320
18-19	San Ramon, CA	SRVL SR Trials/Finals	
18-19	Bronx, NY	Gotham Aqua Kings AG "A" min.	212-255-2120
18-19	Lakewood, OH	Jim Scullion "A" Meet	216-521-0616
18-20	Hempstead, NY	Metro. Bronze Championships	516-795-3387
24-26	Geneva, Switzerland	26th Int'l. Champs. of Geneva 1992	022.42.19.72
25-26	Middletown, NY	Middletown Rec. Unclassified	914-344-2787
25-26	White Plains, NY	White Plains 9&U, 1650	914-949-6227
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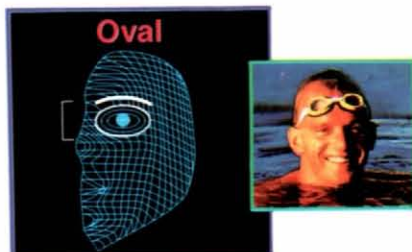
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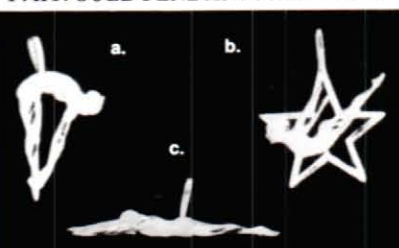
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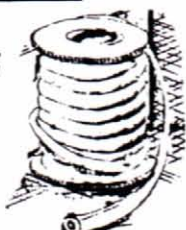
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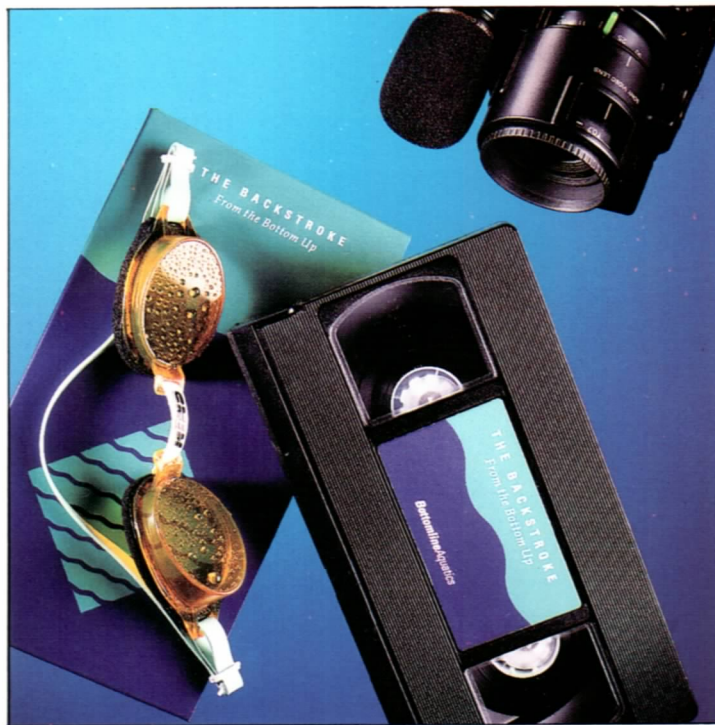
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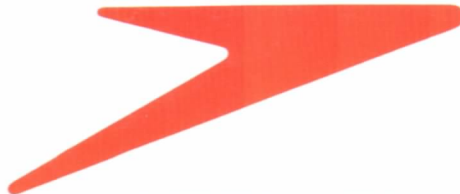
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