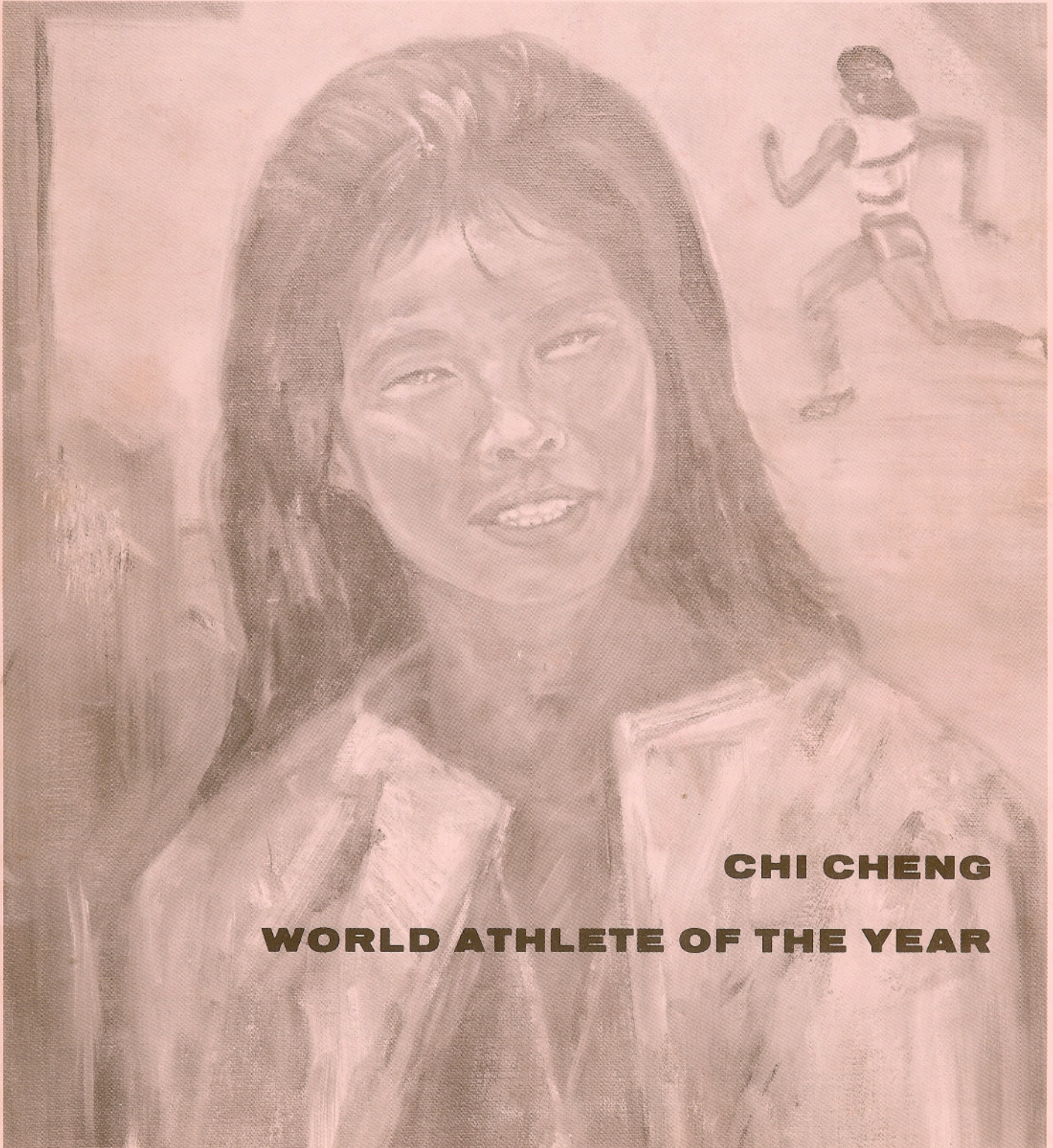


Women's

TRACK & FIELD WORLD

January/February 1971, Vol. 5, No. 1/2

Special Annual Edition \$1



CHI CHENG

WORLD ATHLETE OF THE YEAR

REEL TALK

Sorry this Annual Edition is so late reaching you. We knew it would be late, but not THIS late. Fact is, the final information from Elio Trifari for the World Ranking did not reach us until January 27 which slowed things down a bit. We hope the contents will be enjoyable and we will confine this issue mostly to statistics, all star selections, etc. The March issue is already being prepared and will be ready within three weeks. In it we will bring you up to date on results and the other usual items of each issue.

Let's talk a little more about those Pan American Games trials. The women will decide the Pan Am entrants at Butler Stadium, Marine Corps Base, Quantico, Virginia - on APRIL 30 and MAY 1, 1971. Every time the subject is brought up, the question arises - Why? Why in April/May? The answer as told to WTFW is entries must be into the Pan Am Games Committee by June 15. Well, I must say, that's plenty of time, all right. But the thing that puzzles me is 1-The Pan Am Games dates have been moved back five days and now begin on July 30; 2-Canada is conducting its Pan Am Games trials in Richmond, BC, on June 26/27; 3-The USA men's trials will be at Eugene, Oregon, on June 25/26; 4-The USA women's pentathlon trials will be held in Los Alamos, New Mexico, June 12. Whatever happened to that June 15 deadline? And what is the real reason the trials are being held in Quantico three months before competition begins in Colombia?

We have received word that one of our international athletes has been suspended from international competition for a one year period for alleged indiscretions during last summer's foreign junket. I say "alleged" because the individual involved was never given a hearing or even received the decency of being charged or the right to defend against accusations. It was my impression we lived in a country where one is innocent until proven guilty. In addition, the penalty seems strangely inconsistent with reality for the alleged misconduct of which this individual is accused is impossible to carry on alone - what has happened to the others involved in this case? Being males will they be allowed to represent their country abroad although guilty of exactly the same crime? I also remember my Sunday School lessons which said something about "let (s)he who is without guilt cast the first stone - or was it stone?"

TENSION AND RELAXATION:-Relaxing is a chaneling of effort rather than a lessening of effort....Tension is the greatest single factor that prevents an athlete from realizing her full potential....Tension creates unnecessary fatigue and mistakes....Relaxation is the trade mark of championship performance....It is too universally assumed that greater effort will give better results, and it is natural for anyone **Vince Reel, Editor**

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ATHLETES OF THE YEAR

WORLD ATHLETE OF THE YEAR - CHI CHENG



CHI CHENG

Chi Cheng of the Republic of China becomes the first athlete to repeat winning the World Athlete of the Year award. Her victory last year was extremely close as nine athletes received first place votes and only five points separated the winner from the third place winner. For the 1970 award, however, the voting was not close as Chi won 37½ first place votes out of a total of 42 possible and had a 100 point advantage over runner-up Heide Rosendahl. The voting was done by 42 correspondents from 26 nations and the list of voters appears elsewhere in this issue. Seven of the eight athletes who received votes for World Athlete of the Year were world record setters during the season - only Nadyezhda Chizhova, USSR, did not set a record in 1970 and she received only one point in the voting. During the 1970 season, Chi set or equalled world records nine times, (counting 2 indoor world marks), and at one time held five outdoor and two indoor world bests. Her 12.8 100m hurdle mark was later beaten by Balzer and Sukniewicz, but she still has the 100 yard record (10.0), the 220 yard record (22.6), the 200 meter record (22.4) and shares the 100 meter dash record (11.0). Listed below are the scores in the voting with 5 points being given for a first place vote, 3 for second place vote and 1 for third. The number of first place votes is shown in parenthesis.

1. Chi Cheng, Republic of China	(37½)	200
2. Heide Rosendahl, West Germany	(3½)	100
3. Marilyn Neufville, Jamaica		42
4. Burglinde Pollak, East Germany		15
5. Renate Meissner, East Germany		12
6. Karin Balzer, East Germany	(1)	8
7. Teresa Sukniewicz, Poland		1
Nadyezhda Chizhova, Russia		1

Cover picture from an oil painting by Ezar Swanson loaned through courtesy of Pearl Strathman.



IRIS DAVIS

One of the pleasant surprises in North America during the 1970 season was Tennessee State's Iris Davis who was voted North American Athlete of the Year by the WTFW correspondents. Davis lost only once outdoors over 100y/100m and that was to Chi in the USA National Championships. Iris was also second to Chi in the US Indoor Championships over 60y for a sensational year of running. Runner-up was Canada's Debbie Brill, the Commonwealth Games high jump champion and the first North American to clear 6' in the high jump. Brill barely edged young Mavis Laing for the runner-up spot while last year's second placer, Kathy Hammond, wound up fourth.

1. Iris Davis, USA	(15)	120
2. Debbie Brill, Canada	(15)	89
3. Mavis Laing, USA	(6)	81
4. Kathy Hammond, USA	(5)	53
5. Cheryl Toussaint, USA		7
6. Doris Brown, USA		5
Francie Larrieu, USA		5
8. Barbara Ferrell, USA		4
9. Thelma Fynn, Canada		2
Pat Johnson, USA		2
Kathy Schmidt, USA		2
12. Pat Hawkins, USA		1

Photo by Don Chadez



BURGLINDE POLLAK

EASTERN EUROPE - BURGLINDE POLLAK

As usual the voting for Eastern Europe was close and many athletes received votes. The top three are all East German athletes and all set world records sometime during the year. Pentathlete Burglinde Pollak edged sprinter Renate Meissner by only two points to win the award with 32 year old Karin Balzer close behind. Interesting to note that in the voting for World Athlete of the Year Pollak edged Meissner by three points for the fourth place indicating how close these two were in talent.

1. Burglinde Pollak, East Germany	(11)	85
2. Renate Meissner, East Germany	(10)	83
3. Karin Balzer, East Germany	(7)	63
4. Nadyezhda Chizhova, Soviet Union	(7)	48
5. Teresa Sukniewicz, Poland	(3)	44
6. Karin Illgen, East Germany	(1)	21
7. Karen Burneleit, East Germany		3
8. Snezhana Hrepevnik, Yugoslavia		1
Annelie Jahns, East Germany		1
Danuta Jaworska, Poland		1
Maria Moskalenko, Soviet Union		1

Photo by Tony Duffy

WESTERN EUROPE - HEIDE ROSENDAHL

After the close fight for the title in 1969, the 1970 voting proved no contest as Heide Rosendahl won easily over fellow countrywoman Ingrid Mickler. Rosendahl received every first place ballot but one as she led the voting over 13 other athletes. Sixth in the voting last year, Rosendahl came into her own in 1970 with a world record in the long jump and a "near miss" in the pentathlon. Fourteen athletes figured in the voting for the Western Europe Athlete of the Year.

1. Heide Rosendahl, West Germany (38)	194
2. Ingrid Mickler, West Germany (1)	62
3. Ilona Gusenbauer, Austria	35
4. Maria Sykora, Austria	15
5. Liesel Westermann, West Germany	12
6. Mary Peters, Great Britain	8
7. Wilma van den Berg, Holland	7
8. Hildegard Janze, West Germany	5
9. Ilja Keizer, Holland	4
Sheila Sherwood, Great Britain	4
11. Ellen Tittel, West Germany	3
Ann Wilson, Great Britain	3
13. Sheila Carey, Great Britain	1
Paola Pigni, Italy	1

ASIA - CHI CHENG

For the fourth consecutive year, Chi Cheng is the Asian Athlete of the Year and for the third consecutive year she gathered every first place vote. Indicating the rise in interest of track and field in Asia is the fact that 13 athletes received votes more than double the number in 1969.

1. Chi Cheng, Republic of China (42)	210
2. Hiroko Yamashita, Japan	49
3. Khana Shezifi, Israel	44
4. Esther Shakhmorov, Israel	29
5. Josephine Dela Vina, Philippines	3
6. Haruyo Fukui, Japan	1
Adi Gross, Israel	1
Lolita Lagrossas, Philippines	1
Teru Yagashita, Japan	1
Hung Mei Yi, Republic of China	1
Kyoko Shimizu, Japan	1
Noboku Morita, Japan	1
Michiyo Inaoka, Japan	1

AFRICA - ALICE ANNUM

The great improvement of Alice Annum brought her the title of African Athlete of the Year in a good contest with last year's winner Judith Ayaa. Annum had fine performances in Europe and at the Commonwealth Games. Sixteen year old sprinter Claudie van Straaten of South Africa won the third place honors.

1. Alice Annum, Ghana (28)	173
2. Judith Ayaa, Uganda (9)	112
3. Claudie van Straaten, South Africa (1)	41
4. Anna Boltman, South Africa (1)	13
5. Pauline Craven, South Africa	6
6. Denise Van Wyk, South Africa	2

Photo by Tony Duffy

CARIBBEAN, CENTRAL & SOUTH AMERICA - MARILYN NEUFVILLE

Marilyn Neufville's decision to represent Jamaica instead of Great Britain brought her the runaway title as Athlete of the Year for Central and South America and the Caribbean area. Marilyn garnered every first place vote for an easy win over the previous first placer, everygreen Miguelina Cobian. There is a great rise in interest in track and field in this section of the world, and Neufville's contribution to the sport will be great. Cuba dominates the quantity faction of the voting but Neufville is the quality.

1. Marilyn Neufville, Jamaica (39)	195
2. Miguelina Cobian, Cuba	70
3. Carmen Truste, Cuba	54
4. Marlene Elejarde, Cuba	12
5. Marcia Garbey, Cuba	5
6. Cristina Echevarria, Cuba	4
7. Yvonne Saunders, Jamaica	2
8. Carmen Romero, Cuba	1

Photo by Tony Duffy

OCEANIA - RAELENE BOYLE

Commonwealth sprint champion, young Raelene Boyle of Australia, won the voting here over perennial Pam Kilborn, the 1969 winner. Kilborn, who set a world 200m hurdle mark in 1970, has announced her retirement at age 31 - but don't bet on it. Fantastic javelin thrower Petra Rivers grabbed off the third place but her 202'8 throw came in late November after most of the ballots were already in so she may have been entitled to a higher placing - although it would be tough to unseat the top two.

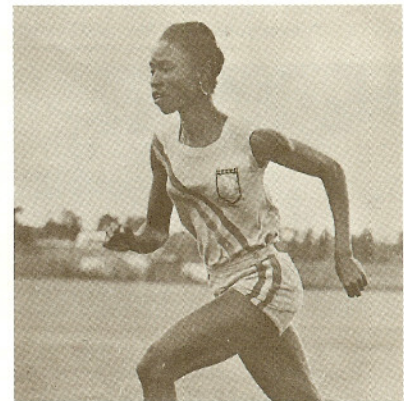
1. Raelene Boyle, Australia (23)	145
2. Pam Kilborn, Australia (7)	91
3. Petra Rivers, Australia (6)	58
4. Sandra Brown, Australia (1)	31
5. Maureen Caird, Australia (2)	21
6. Marion Hoffman, Australia	3
7. Sylvia Potts, New Zealand	2

Photo by Tony Duffy

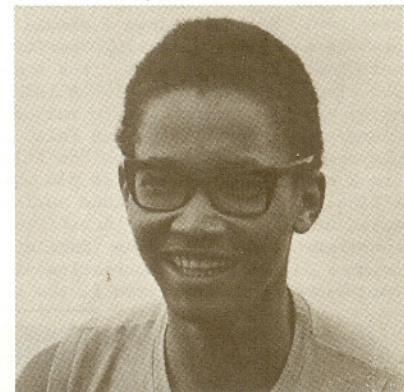
ATHLETES OF THE YEAR (Continued)



HEIDE ROSENDAHL



ALICE ANNUM



MARILYN NEUFVILLE



RAELENE BOYLE

ALL ABOUT CHI by Vince Reel

When I write articles for this magazine, I make every effort to be impartial. I know many times it seems the opposite to some people. But I try and write about each athlete as if she were my own personal property and to say as many good things as I can. But now it comes time to write something about one who is my own personal property and I am stuck. If I enthuse I will be accused of blowing my own horn, so to speak. But if I hold back, it would be just false modesty.

So what do I say about this year's World Athlete of the Year that won't bring sly innuendos from some individuals who might not be as great a backer of the Chinese girl as I? Just tell the fact, ma'am, I guess. That nine times during the 1970 outdoor season she equalled or broke world records. That at one time in July she held five outdoor world records. She has since lost one, (the 100m hurdles), but still has a handfull. That she is a fierce competitor but a shy person. That I have yet to hear her say anything "bad" or "against" a competitor in spite of what may have been written to the contrary. She wants to beat them all, no doubt about that, but the hate is only between the firing of the gun and the breaking of the tape. That this would be a wonderful sport and a wonderful world if everyone had her philosophy.



Talk about pressure! This is how Chi had to take her practice starts at the Asian Games. Actually, several photographers were quite insulted when the officials asked them to move out of Chi's lane.

There are other things I could say - that she loves to eat but is not a good cook; that she loves to travel but is a poor traveler. But the things I should really report are the honors she has won for her 1970 performances and that she was not selected only by "Women's Track & Field World" for her awards. Chi also was selected world athlete of the year (male and female) by the European Sports Editors in Munich, West Germany. Runner-up in that voting was Pele, the famous Brazilian soccer player. The Dutch magazine "de Atletiekwerld" selected her as track athlete of the year as did the English publication "Athletics Weekly". The previous anti-woman "Track & Field News" voted her the women's world athlete of the year. She won the Associated Press voting as "female athlete of the year" over swimmer Debbie Meyer and received the Babe Zaharias trophy from George Zaharias himself, the husband of the famed "Babe".



People may say there are no Chinese Pixies, but this photo by Don Chadez proves otherwise.

Several awards involved travel. In mid January she was whisked to New York to receive the World Almanac-Benrus award and dined with Ed Sullivan and Joan Crawford on each side of her and Lowell Thomas, Jack Dempsey, Allan King, Yvette Mimeux, Toots Shor and 'Lassie' at her table. On February 12 she will be in Paris to receive the "L'Equipe-Athletisme" award as the world athlete of the year (male and female), the award won in 1969 by Bill Toomey. In March she goes again to New York to receive the Tanqueray Award.

She has made television programs, dozens of clinics and it seems hundreds of banquets. And she does them all with the same attitude she had nine years ago - wonder and awe at anyone paying her any heed. She just likes to run! Now if she could only cook I might write a nicer tribute!

'YOEMAN'S ERROR' BRINGS LETTERS

"I have enjoyed browsing through your December issue of WTFW which you evidently put to bed before you took off for Siam. I was much amused by your term "yeoman's error". (I was a Storekeeper 2c during WWII.) At the foot of the same column I detected another "yeoman's error" in that you said that the top price for tickets to the Opening Ceremony at Munich would be \$250. Perhaps you could print a retraction and make it \$25 bucks instead"

Cordially,
C. Robert Paul
Director Public Information
US Olympic Committee

"In the December issue in your column "Kaleidoscope" you refer to a "Yoeman's error". This was in reference to typographical errors.

"Well, you have another one! It is correctly "Yeoman" (not Yoeman) which just goes to show you Navy brass never did have any regard for we enlisted men.

"Please be so kind as to print a retraction"

Unsigned

(Ed. Note:--Thanks for the correction, Casper - but we all make mistakes, you should have said "us enlisted men".

SFVR

AUSTRALIAN ROUNDUP from Bernie Cecins

Perth, November 22: Lynette Tillett, 18, the Australian National Junior pentathlon champion, provided the new season with the most headlines as she sped to a clocking of 7.1 for the 60m dash for a new world record. Although Tillett had never run the 100m faster than 11.9, she won by a good margin over Alison Ross-Edwards who equalled the old record at 7.2s. The race was run on the new artificial surface and against a headwind. Later Lynette clocked 11.7 for the 100m and high jumped 5'3. Melbourne, October 31: JT, Petra Rivers 175'11. Sydney, October 31: 100m, Kay Thomas 11.6, Margaret Sargent 11.6, Alison Ross-Edwards 11.7, Monica Pegg 11.7; 200mH, Diane Pease 27.2. Melbourne, November 7: 800m, Jenny Orr 2:10.8 (ran 56.2 400m on October 24). Sydney, November 7: 200, Sargent 24.1, Lamy 24.3 (separate races). Melbourne, November 8: 200mH, Kilborn 27.2 (missed step after 4th hurdle). Melbourne, November 14: Kilborn 27.1 (wind -4.0mps); JT, Rivers 180'6. Perth, November 14: Erica Parkin, who will turn 16 in January, recorded a windy 1j mark of 19'10½ and had a legal leap of 19'5½ plus three other jumps over the 19 foot mark. In March her best was only 17'6. Sydney, November 14: LJ, Kathy Csardas 19'10½w; 100m, Ross-Edwards, Thomas and Lamy all 11.5. Another race, Lamy 11.5, Csardas 11.6, Thomas 11.6; 400m, Sandra Brown 55.7.

Sydney, November 21: 200m (separate races), Lamy 24.3, Ross-Edwards 24.4. Perth, November 22: This day will go down in history as the first triple jump competition for women in Australia. Anne Masters and Eileen Hindle gave a very neat display with best marks of 38'8½ and 38'0½. There is a medical thought expressed in Australia that contrary to medieval belief, triple jumping is not harmful for members of the "weaker sex" and in Victoria hundreds of girls under 12 are encouraged to take part in the triple jump competition. Sydney, November 22: 200m, Sargent 23.8, Pegg 24.1; DT, Hilda Atkins 154'0. Sydney, November 28: 100 (windy) Lamy 11.3w, Thomas 11.6w; 200mH, Helen Windred 28.1; other 100m races, Lamy 11.5, Pegg 11.6. Adelaide, November 28: HJ, Jenny Symon 5'5. Perth, November 28: LJ, Parkin 19'5½w.

Sydney, December 12: 200m (separate races), Sargent and Kay Thomas both 24.1, Lamy 24.2. Adelaide, December 12: 400, Roslyn Owens 55.8. Melbourne, December 12: 200mH, Kilborn 27.1; DT, Jean Roberts 174'0. Adelaide, December 12: LJ, Erica Parkin (15) 19'7½w, Anne Masters 19'3½. Sydney, December 12: 1500, Beth Stanford 4:38.0; LJ, Katie Csardas 20'0½, Tillett 19'4½. Melbourne, December 18: (Night meet at Olympic Park.) Pam Kilborn (32) won the 100mH with an Australian open record of 13.1 from Gaye Dell (14.1). It was Kilborn's last big race. Earlier in the week she clocked a 12.9 time trial. 100m, Noyle 11.6, Lamy 11.8, Kilborn 12.0; 200m, Boyle 23.7, Lamy 24.5; JT, Natasha Urbancic won with her longest competitive mark to date in Australia with 184'9. Melbourne, December 19: 100mH, Kilborn 13.7 (strong headwind). Kilborn will marry Darren Ryan in August. Adelaide, December 19: HJ, Symon 5'6. Sydney, December 19: 200, Lamy 24.0, Ross-Edwards 24.1.

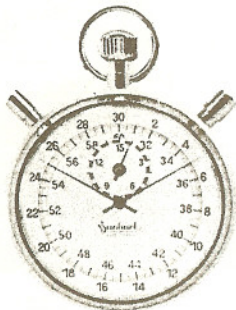
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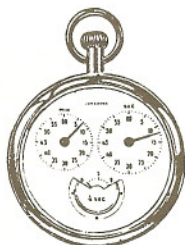
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1970 WORLD RANKINGS by JAN POPPER & LUIGI MENGONI

Commentary by ELIO TRIFARI

For the 15th consecutive year Jan Popper, Czechoslovakia, presents his World Ranking. This year Jan was assisted once again by Luigi Mengoni and these two are the most knowledgeable people on women's track and field athletics in the world. No matter who wins the "voting polls", THIS is the ranking the athletes of the world look for and respect. When Popper and Mengoni rank you number one, you KNOW you are the best. Still another expert in the field of women's athletics is Elio Trifari, and he has written most of the commentary for the rankings. I say "most" because due to Christmas mail, letters from Europe were late and in my panic I wired Popper for help and he replied with his own commentary just in case Trifari's was lost en route. So I have combined the two where possible since both these men have much to give to our sport. This makes the fourth consecutive year Women's Track and Field World has had the privilege of announcing the World Rankings and once again the authors point out the ranking positions were determined by three major criteria: 1-Major honors won and placings in important competitions, 2-Win-loss record, and 3-Sequence of marks, i.e., the quality and quantity of best performances for each athlete. And the biggest news of the 1970 Rankings is that for the first time Popper and Mengoni have ranked the top 20 competitors in each event. Previously only the top ten were ranked. As you might suspect, this took additional time and much, much delving into results, records and statistics that only track nuts such as Jan Popper, Luigi Mengoni and Elio Trifari would do.



MEISSNER
(Tony Duffy)



NEIL
(Peter Tempest)



COBIAN



GOLDEN
(Bruce Edwards)



VAN DEN BERG

100 METERS/100 YARDS

1. CHI CHENG (REPUBLIC OF CHINA)

10.3y	(1)	WRe, Claremont	28/3
10.5y	(1)	Mt. SAC Rel	26/4
10.4yw	(1)	San Diego	9/5
11.1w	(1)	Calif Rel	23/5
10.6y	(1)	Compton Inv	6/6
10.4y	(1)	SPA Chmps	7/6
10.0y	(1)	WR, Portland	13/6
10.3y	(1)	Orange Inv	20/6
10.3yh	(1)	AAU Chmps	3/7
10.2y	(1)	AAU Chmps	4/7
11.1	(1)	Innsbruck	14/7
11.0	(1)	WRe, Vienna	18/7
11.2	(1)	Stockholm	29/7
11.6	(1)	Asian Games	11/12

Her appearances all throughout the world caused more positive effects than all the conferences and symposiums on women's sports put together. Even Wilma Rudolph was not so far above her opponents during her best days as was Chi in 1970. Her 0.3s improvement of the 100 yard world record is unprecedented in modern day track; the last such achievement happened in 1959 at the miraculous Zurich track when Martin Lauer ran 13.2 over the men's high hurdles. She set the world 100y record and tied the 100m record and is really the fastest girl in the world with an average speed of 32.918 kilometers per hour in her 10 flat 100 yard race, a "top" for the women's scene on this planet. Chi defeated Ferrell by 0.2 and 0.4 secs, Iris Davis by 0.2s, mighty Mickler, the European Cup winner, by 0.3s. She contested mostly over the linear distance and her 12 (!) 10.5 or faster times over 100y give her an unprecedented career total of 20 such times; (she is followed by Tyus and Cuthbert, each with a mere 10). Chi was ranked first in 1969, 7th in 1968 and 4th in 1966.

2. RENATE MEISSNER (EAST GERMANY)

11.2	(1)	Olympic Day	17/6
11.5	(2)	Mem. Mericamp	20/6
11.2	(1)	GDR Chmps	3/7
11.5	(1)	vs GB	10/7
11.2	(1)	Berlin	26/7
11.0	(1)	WRe, ECsf, Berl	2/8
11.4	(2)	EC final	22/8
11.5	(1)	Universiade	4/9
11.2	(1)	vs SU/Pol	26.9

Forced to substitute for the injured Petra Vogt over the short sprint distance, the well-built GDR girl did very well tying the world 100m record and conquering several major wins such as the Olympic Day Meet, the GDR Championships and the matches vs Great Britain and Poland/USSR and winning the Universiade. She lost only to Telliez early in the year and to Mickler at the European Cup final as she was surprised at the start by the aparent jump of Balogh and expected a recall. Meissner, who started at 14 with a 9.5 75 meter DDR juvenile record. Renate ran 11.4 or faster 11 times in 1970. Her coach, H. Hille, predicts 10.8 for Renate in 1971. This is the first time Renate has been ranked in the 100.

3. IRIS DAVIS (UNITED STATES)

10.4y	(1)	Quantico Rel	2/5
11.6	(1)	King Games	16/5
10.4y	(2)	AAU Chmps	4/7
11.2	(1)	vs GFR	16/7
11.7	(1)	vs USSR	23/7
11.3	(1)	Moscow	26/7
11.4	(1)	vs Rumania	4/8
11.4	(1)	Cologne	11/8
11.1	(1)	Helsinki (DT)	24/8
11.5	(1)	Skra Meet	3/9

Even if her Helsinki time was suspect, Iris had a nearly perfect record losing only once to Chi Cheng in their only meeting outdoors. Unbeaten in a long seven week European tour and showed great consistency and determination. As for her "doubtful timing" in Helsinki, things are not clear even now for some Finnish sources disqualify it for poor timing while others speak of bad clocks for the "also rans". Davis was ranked 4th last year.

4. RAELENE BOYLE (AUSTRALIA)

11.4	(1)	Melbourne	8/2
11.6	(1)	Aus Chmps	15/3
10.5y	(1)	Melbourne	17/3
11.7	(3)	CG warmup meet	5/7
11.3w	(1)	CGsf	18/7
11.2w	(1)	CGf	18/7

Only one major win after the Australian Championships, the Commonwealth Games, but this win was against a strong field and practically out of season for an Australian. She had no opportunity to meet any of the other top five and maybe this place is an underestimation for Australia's best sprinter of these days. She is reported to be thinking of trying the one lap event, but as of now she has confirmed her Mexico results and is consistently one of the top sprinters in the world in spite of the few opportunities to compete against strong opponents abroad. Raelene was not ranked in 1969, but was fourth in 1968.

WORLD RANKINGS (Continued)

5. INGRID MICKLER (WEST GERMANY)

11.6	(2)	WAAA Chmps	20/6
disq	(-)	Istaf	4/7
11.5	(1)	Rotterdam	5/7
11.3	(1)	Munich	12/7
11.3	(2)	vs USA	16/7
11.3	(2)	Vienna	19/7
11.3	(1)	GFR Chmps	8/8
11.7	(1)	ECsf, Herford	2/8
11.3	(1)	EC final	22/8

The surprise winner of the European Cup final at Budapest's old-fashioned dirt track, Ingrid lost three other big races, (WAAA Championships at London, GFR vs USA at Stuttgart and the clash with Chi at Vienna), but surely the sprinting comeback of the Olympic pentathlon champion was one of the sensations of the year. She ran 11.3 five times, a feat accomplished by only a few dash girls up to now. She was 2:0 over Balogh and finally matured as a sprinter without apparently hurting her performances in the penathlon events. Ingrid has not been previously ranked in the 100.

6. ALICE ANNUM (GHANA)

11.1y	(1)	vs Nigeria	25/4
11.3	(1)	Stuttgart	24/6
11.5	(1)	Stuttgart	27/6
11.2w	(1)	CG heat	17/7
11.2w	(1)	CG sf	18/7
11.3w	(2)	CG final	18/7

Really isolated from the rest of the world, the Ghanaian sprinter showed her class in a brief tour through West Germany and was a tough opponent for Boyle at the Commonwealth Games. She ran the fastest Black Africa time with her 11.3, and only the tricky Edinburgh winds robbed her of better ones. The CG silver medal and her 2:0 vs Hoffman gave her this place. The diminutive African girl emerged in 1965 when she won the long jump at the African Games after an unnoticed participation in the Tokyo Olympics. She is aiming for 10.9 and 22.3 at the next Olympics. This is the first ranking for Annum over the 100 distance.



LAING
(Jeff Johnson)



KERNER



BOYLE
(Peter Kemp)



SCHLITTENHELM



TELLIEZ

7. WILMA VAN DEN BERG (HOLLAND)

11.6	(1)	vs GB	17/5
11.4	(2)	Olympic Day	17/6
11.3	(1)	Kusocinski heat	19/6
11.2	(1)	Kusocinski	19/6
11.7	(1)	vs France	28/6
11.6	(1)	Notturna	1/7
11.7	(3)	Rotterdam	5/7
11.4	(4)	ECsf Berlin	2/8
11.6	(2)	Universiade	4/9

One of the most prolific competitors of the season, Wilma defeated some fine performers while winning such big competitions as Kusocinski, Notturna and the dual meets against Great Britain and France. She was runnerup at both the Universiade and Olympic Day, but was badly defeated at her major meeting, the European Cup final. She ran 11.4 or faster eight times to bring her career total to 12 to rank second in European history, (behind Szewinska who has 35 such marks!). She was 2:0 over Balogh and 1:1 with Telliez. She was ranked 5th in 1969.

8. MARION HOFFMAN (AUSTRALIA)

11.1w	(1)	Sydney	17/1
11.2w	(2)	Sydney	17/1
11.9	(2)	Aus Chmps	14/3
11.3	(1)	CG warmup meet	5/7
11.4w	(2)	CGsf	18/7
11.3w	(3)	CG final	18/7

Runnerup in the Australian Championships, the 19 year old sprinter defeated Boyle at the Aussie trials for the Commonwealth Games - but at the Edinburgh stadium the result was reversed - and also Annum slipped in ahead. She was the winner of many domestic clashes and had some fine marks. This is the first time she has been ranked.

9. GYORGY BALOGH (HUNGARY)

11.6w	(1)	Nepszava C	14/6
11.4	(2)	Kusocinski	19/6
11.4	(1)	vs Pol/Cze	27/6
12.0	(2)	ECsf Herford	2/8
11.4	(3)	Ec final	22/8
11.7	(3)	Universiade	4/9
11.9	(5)	vs GB/Rum	19/9

The blonde Hungarian scored only one big win against Czechoslovakia and Poland, but she was third at the Universiade and in the European Cup final. On other occasions she sometimes found several runners ahead of her at the finish line, (5th vs Great Britain/Rumania). Her times were inferior to Cobian, but she defeated the Cuban 1:0 to gain the number 9 spot. This is her first ranking for the 100.

10. MIGUELINA COBIAN (CUBA)

11.4	(1)	Cuba Chmps	10/1
11.3	(1)	Havana heat	16/1
11.3	(1)	Havana final	16/1
11.2w	(1)	CAC Games heat	2/3
11.4w	(1)	CAC Games final	3/3
11.7	(4)	Universiade	4/9
11.6	(1)	Rum Int Chmps	12/9
11.6	(1)	XII Aniv.	31/10

The star of Central America is fading. The 29 year old Cuban won the Central American Championships in Panama and the Rumanian International but was well beaten at the Universiade and was unable to repeat her fine clockings in Europe. Cobian, however, was unbeaten after the Universiade. She has run 11.3/11.4 fourteen times up to 1970. She was ranked 9th last year, 8th in 1968, 5th in 1967, 5th in 1965 and 5th in 1964.

11. SYLVIANE TELLIEZ (FRANCE). Best mark of 11.4 (2nd EC sf at Berlin; won Mem Mericamp (11.5) and French chmps (11.6)).

12. (Tie) BARBARA FERRELL (USA). Best mark 10.4y (1st Sacramento, June 13); was 3rd at AAU Chmps (10.4y).

12. (Tie) HELENA KERNER (POLAND). Best time 11.4 (heat, Polish Chmps); won EC sf at Bucharest (11.7) & Eur. Jr. Chmps (12.0).

12. (Tie) VALERIE PEAT (GREAT BRITAIN). Best mark 11.4 (3rd, ECsf Berlin); 4th in CG final (11.3w).

12. (Tie) ANITA NELL (GREAT BRITAIN). Best mark 11.5 (1st vs Pol); won WAAA Chmps (11.6) & vs Rum/Hun (11.6).

WORLD RANKINGS (Continued)

16. (Tie) MATTELINE RENDER (USA). Best time 11.4 (2nd, Moscow, July 26); 5th AAU Chmps (10.5y).
 16. (Tie) HEIDE ROSENDAHL (WEST GERMANY). Best mark 11.4 (3rd GFR Chmps).
 16. (Tie) ELFGARD SCHITTENHELM (WEST GERMANY). Best mark 11.4 (2nd GFR Chmps).
 19. (Tie) STEPHANLE BERTO (CANADA). Best mark 11.5 (1st Victoria, June 12); won Can CG tryouts (11.5).
 19. (Tie) CLAUDIE VON STRAATEN (SOUTH AFRICA). Best mark 11.4 (1st Pretoria, March 17); won SA Chmps (11.6).

200 METERS/220 YARDS

1. CHI CHENG (REPUBLIC OF CHINA)

23.2y	(1)	Mt SAC Rel	25/4
22.7y	(1)	WR, Portland	13/6
22.7yw	(1)	Calif Chmps	21/6
22.6y	(1)	WR, AAU Champ h	3/7
22.4yw	(1)	AAU Chmps final	4/7
23.0	(1)	Paris	8/7
22.4	(1)	WR, Munich	12/7
23.1	(1)	Innsbruck	14/7

Unbeaten, out how! Her closest runner-up, Mavis Laing at Walnut, was half a second back. With three sub-23 second marks she equals Szewinska, Ferrell and Boyle at the absolute top, but she also ran 22.4y and 22.7y with not too strong winds. A fantastic season with two more world records. How did it feel to run a 200 against Chi? "I was shocked", said Rita Jahn the West German champion. Chi's start earned her the ultimate compliment from the German press, "She has the start of Armin Harry". Chi was ranked third in 1969.

2. RENATE MEISSNER (EAST GERMANY)

23.2	(1)	Mem Mericamp	21/6
22.8	(1)	GDR Chmps sf	4/7
22.7	(1)	GDR Chmps final	4/7
23.5	(1)	vs GB	10/7
22.7	(1)	ECsf Berlin	2/8
23.1	(1)	EC final	22/8
22.7	(1)	Universiade	6/9
23.1	(1)	vs SU/Pol	27/9

Unbeaten, an immaculate record for the powerful GDR sprinter. Renate won the 200 at the Berlin EC semi-final, at the EC final and at the Universiade. She now has eight 23.2 or faster clockings, more than anyone outside Szewinska (14). She missed only the world record that would have made the selection between her and Chi more difficult. Of the 200 Renate says, "It is much more difficult to better the 200m record than to break the 11.0 100 meters barrier". Meissner was ranked 6th last year.

3. RAELENE BOYLE (AUSTRALIA)

23.5w	(1)	Melbourne	8/2
22.9	(1)	Aus Chmps	15/3
23.1y	(1)	Melbourne	17/3
23.3w	(3)	CG sf	22/7
22.7w	(1)	CG final	22/7

Outside the heat at Edinburgh, she was undefeated. She contested this event a few more times than the 100. The Commonwealth Games sprint queen won both major titles she tried for: the Commonwealth Games and the Australian Championships. She defeated Annum, Critchley and Golden. Boyle was ranked 7th last year and 2nd in 1968.

4. MAVIS LAING (UNITED STATES)

23.7y	(2)	Mt SAC Rel	25/4
23.6yw	(1)	AAU jun Chmps	1/7
23.6	(2)	Paris	8/7
23.2	(1)	vs GFR	15/7
23.5	(1)	vs USSR	24/7
23.4	(1)	vs Rum	5/8

Mavis revealed herself as a 400m specialist, but for lack of good sprinters she ran this distance with the US squad in Europe and won all three dual meets vs West Germany, the Soviet Union and Rumania. She lost only to Chi (twice), won the US girls (junior) championship ahead of Ferguson and last year's surprise Pam Greene. Her fourth place ranking at the end of only her first international competition must be considered as a really fine achievement. This is her first ranking.

5. ALICE ANNUM (GHANA)

24.6y	(1)	vs Nigeria	24/4
23.6	(1)	Zurich "B"	3/7
23.2w	(2)	CG sf	22/7
22.8w	(2)	CG final	22/7

At the domestic track of Africa she ran only 24.6y, but at Zurich's Letzigrund where she was wrongly seeded into the "B" race, she smashed the Black Africa best with 23.6. She had even fewer competitions over this distance than did Laing. During the wind festival at Meadowbank she showed real potential and her two 0.1 losses to Boyle at Edinburgh are more significant than her listing place at the top of the third dozen of the world. She is ranked for the first time.

6. MARGARET CRITCHLEY (GREAT BRITAIN)

24.3	(2)	British Games	13/6
23.8	(1)	WAAA Chmps	20/6
23.8	(2)	vs GDR	10/7
23.1w	(2)	CG sf	22/7
23.1w	(3)	CG final	22/7
23.2	(2)	EC sf Berlin	2/8

Another new name for the books. Won a major competition when she gained the WAAA title, then had a second place vs GDR, and in the European Cup semi-final she lost to Meissner but was ahead of van den Berg and Telliez; this all together with a new British record made her 1:2 loss to Neufville forgettable. She would perhaps have reached a higher ranking, but the 21 year old bank clerk from Bristol suffered a leg injury and missed some international appointments during the last two months of the season. She is ranked for the first time.

7. INGRID MICKLER (WEST GERMANY)

23.3	(2)	EC final	22/8
23.3	(2)	GFR Pent Champ	13/9
23.6	(1)	GFR team Champ	19/9

In strict terms of ranking, Mickler competed too few times over 200m to be ranked, but she had two high calibre races gaining a second in the EC final behind Meissner and winning the GFR team title. Then she sped to a 23.3 clocking while on her way to scoring 5289 points in the pentathlon and she could not be left out. This is the Olympic pentathlon champion's first ranking for 200 meters.

8. GYORGY BALOGH (HUNGARY)

23.4	(1)	Nepszava Cup	14/6
23.2w	(2)	Kusocinski Mem	20/6
23.6	(1)	vs Pol/Cze	28/6
23.6	(1)	ECsf Herford	2/8
23.3	(1)	Hung Chmps	9/8
23.3	(3)	EC final	22/8
23.2	(2)	Universiade	6/9
23.6	(1)	vs Rum/GB	18/9

Some major achievements for this busy Hungarian, frequently referred to in the past as strictly a domestic runner. Eight times she ran 23.6 or better, (plus one windy mark). A tough fighter when competing for her team she won the Cze/Pol and Rum/GB matches and placed second at both the Universiade and Kusocinski and finished head-to-head with Mickler at the EC final. Beat Golden 2:0. This is the first time Balogh has been ranked in the 200.

9. WILMA VAN DEN BERG (HOLLAND)

23.7	(1)	vs GB	17/5
22.9w	(1)	Kusocinski	20/6
23.3	(1)	vs France	28/6
24.1	(4)	Zurich "A"	3/7
23.4	(3)	EC sf Berlin	2/8
23.5	(3)	Universiade	6/9

The Dutch sprinter had major wins, (vs GB, vs France and at Kusocinski) along with major defeats, (4th in Zurich, 3rd at Universiade and in the EC semi final). She was less scintillating than in the 100. Scored a 1:0 over Balogh who is ranked higher, but was more erratic. Beat Telliez 2:1. Ranked 5th in 1969.

WORLD RANKINGS (Continued)

10. HELEN GOLDEN (GREAT BRITAIN)

24.2	(1)	British Gms	13/6
24.4	(3)	vs GDR	10/7
23.5w	(4)	CG sf	22/7
23.4w	(4)	CG final	22/7
23.7	(4)	EC final	22/8
23.7	(1)	Eur Jr Chmp h	13/9
24.3	(1)	Eur Jr Chmp f	13/9
24.3	(4)	vs Rum/Hun	18/9

According to Cliff Temple, Helen Golden should be awarded with the title of "Miss Resilience" 1970. She opened the season on April 18th and competed week after week until the end of September. Finally on September 13 she gave the writers of headlines the chance they had been waiting for for so long to write "Gold for Golden" when she won the European Junior title. Only 17 years old she ran a tough schedule at the Commonwealth Games with seven races in eight days. Defeated Critchley and Neufville at the British Games and downed Australia's Lamy and Hoffman at Edinburgh. Ranked for the first time.

11. (Tie) MIGUELINA COBIAN (CUBA). Best mark 23.5 (1st, CAC Games); won Cuban Chmps (23.7) & Rum Int Chmp (23.9).

11. (Tie) JENNIFER LAMY (AUSTRALIA). Best mark 23.4 (1st, Sydney, Feb 2); was 6th CG (23.6w).

11. (Tie) SYLVIANE TELLIEZ (FRANCE). Best mark 23.5 (4th, EC sf at Berlin); won Zurich "A" race 23.8 & French Chmps (23.6).

14. (Tie) HEIDE ROSENDAHL (WEST GERMANY). Best mark 23.1 (GFR pentathlon championships).

14. (Tie) CLAUDIE VAN STRAATEN (SOUTH AFRICA). Best mark 23.5 (1st, Pretoria, Oct 3); won RSA Chmps (23.3w).

16. (Tie) WILLIOMAE FERGERSON (UNITED STATES). Best mark 23.8yw(2nd AAU Chmps); was 2nd AAU Jr Chmps (23.7yw)

16. (Tie) CHRISTINE HEINRICH (EAST GERMANY). Best mark 23.4 (2nd vs SU/Pol); was 2nd GDR Chmps (23.8).

16. (Tie) MARION HOFFMAN (AUSTRALIA). Best mark 23.3 (2nd Aus Chmps); was 7th CG (23.7w).

16. (Tie) URSZULA JOZWIK (POLAND). Best mark 23.6 (5th vs GDR/SU); won Polish Chmps (23.8) & vs GB (23.9).

16. (Tie) MARILYN NEUFVILLE (JAMAICA). Best mark 23.6 (1st Edinburgh, May 2); won at Chiswick June 6 (23.6w).



SYKORA



NIKOLIC



BESSON



LUNDGREN



GOVONI

400 METERS/440 YARDS

1. MARILYN NEUFVILLE (JAMAICA)

54.8	(1)	vs GDR indoor	21/2
53.0	(1)	Eur Ind Chmps	14/3
52.0	(1)	London (Dbt St)	30/5
52.6	(1)	WAAA Chmps	20/6
52.7	(1)	Stockholm	1/7
52.3	(1)	Istaf	4/7
51.0	(1)	WR, CG	23/7
54.1	(1)	Coca-cola	5/9

Although she competed in several meetings against first class opponents, such as the European Indoor Championships, the Commonwealth Games and the WAAA Championships, Marilyn remained undefeated. Her world record improvement by 0.7 at the Meadowbank tartan seems to be the second most impressive world record beating of 1970, just behind Chi's 100y mark. She also cancelled that "troublesome" 51.2 by North Korea's Sin Kim Dan and must be defined as THE newcomer of the year since she was still over 57 seconds as late as August 1969. Neufville is ranked here for the first time.

2. CHI CHENG (REPUBLIC OF CHINA)

53.4y	(1)	Calif Rel	23/5
52.6y	(1)	Compton Inv	6/6
52.5y	(1)	Orange Inv	20/6
52.6	(1)	Stockholm	29/7

Also unbeaten during the season, the Taiwan representative scored an impressive 4:0 over Hammond before her European tour and accomplished some distinguished performances, notably a 52.5y relay leg the very day after setting a US all comers record with the same clocking in the individual race, just one tenth off the world record. Paradoxically, one can say that Chi impressed in this event more for what she could do in the future than for what she actually did. She is ranked for the first time in the 400.

3. KATHY HAMMOND (UNITED STATES)

55.2y	(1)	AAU Ind Chmps	27/2
56.7y	(4)	Calif Rel	23/5
55.3y	(3)	Compton Inv	6/6
54.0y	(4)	AAU Chmps	4/7
53.1	(3)	vs GFR	16/7
54.8	(2)	vs USSR	23/7
52.4	(1)	Moscow	26/7
53.1	(1)	vs Rum	6/8
53.1	(1)	Cologne	11/8
53.2	(1)	Malmo	19/8
53.1	(1)	Skra meet	3/9

With a series of defeats in early season meets plus a 4th in the AAU, a 3rd vs GFR and a 2nd against the Soviet Union she seems to be overestimated by this high ranking. But look at her victorious road after Leningrad where she beat, for example Frese and Besson with a clear margin; look to her scores (Besson 1:0, Lundgren 2:0, Frese 1:1 and consider the fact that Kathy - still at age 19 - has 22 marks under 54 seconds! Hammond was ranked 2nd last year, 10th in 1968 and 5th in 1967.

4. HELGA FISCHER (EAST GERMANY)

54.3	(2)	Olym Day "B"	17/6
52.8	(1)	GDR Chmps h	3/7
52.9	(2)	GDR Chmps final	4/7
53.5	(1)	vs GB	11/7
52.8	(2)	EC sf Berlin	2/8
53.2	(1)	EC final	22/8

Rankings number 4-5-6 were very hard to determine. As late as June 7th this GDR girl was still running around 56 seconds and no one had heard of her last year. Although she entered only five first class events during the season, Helga improved to 52.8 and gained the gold medal in a hard European Cup final. Curiously, she won only once over teammate Monika Zehrt scoring 1:2. Her EC victory gave her this ranking. She was not ranked previously.

WORLD RANKINGS (Continued)

5. CHRISTEL FRESE (WEST GERMANY)

53.1	(2)	Eur Ind Chmps	14/3
54.3	(2)	WAAA Chmps	20/6
53.7	(2)	Istaf	4/7
52.7	(1)	vs USA	16/7
53.5	(1)	EC sf Herford	2/8
53.5	(2)	Cologne	11/8
52.6	(1)	GFR Chmps	8/8
53.5	(2)	EC final	22/8
52.4	(1)	Bonn	11/10
52.5	(1)	Athens	24/10

6. COLETTE BESSON (FRANCE)

53.6	(3)	Eur Ind Chmps	14/3
52.8	(1)	vs Hol	28/6
52.6	(1)	Notturme	1/7
52.6	(1)	Zurich	3/7
53.9	(2)	French Chmps	19/7
52.7	(1)	EC sf Berlin	2/8
53.5	(2)	Skra meet	3/9

7. MONIKA ZEHR (EAST GERMANY)

54.3	(1)	Olym Day "A"	17/6
53.2	(2)	GDR Chmps h	3/7
52.9	(1)	GDR Chmps final	4/7
54.1	(2)	vs GB	11/7
54.0	(1)	Eur Jr Chmps	12/9
53.6	(1)	vs SU/Pol	27/9

8. KARIN LUNDGREN (SWEDEN)

53.8	(4)	Eur In Chmps	14/3
53.2	(1)	Zauli Mem	16/5
53.9	(1)	Mem Mericamp	21/6
53.4	(2)	Notturme	1/7
52.8	(2)	Zurich	3/7
54.1	(4)	Istaf	4/7
54.4	(3)	Cologne	11/8
53.4	(1)	Swe Chmps	15/8
53.6	(2)	Malmo	19/8
53.2	(1)	vs Nor/Can	19/9

9. MAVIS LAING (UNITED STATES)

54.1y	(2)	Orange Inv	20/6
52.9y	(1)	AAU Chmps	4/7
52.8	(2)	vs GFR	16/7
54.3	(2)	vs Rum	6/8

10. MARIA SYKORA (AUSTRIA)

55.4	(2)	Stockholm	1/7
54.1	(4)	Zurich	3/7
54.8	(5)	EC sf Buchar	2/8
52.8	(1)	Universiade	4/9
53.0	(1)	Munich	17/9
53.4	(1)	vs Ita/Swi	20/9
53.3	(1)	Barcelona	26/9

11. SANDRA BROWN (AUSTRALIA). Best mark 52.4 (1st, Aus Chmps); was 2nd at CG (53.6).

12. (Tie) JUDITH AYAA (UGANDA). Best mark 52.8 (heat, CG); won East African Chmps (54.0); 3rd CG (53.7).

12. (Tie) DONATA GOVONI (ITALY). Best mark 53.2 (1st ECsf, Bucharest).

14. (Tie) INGE ECKHOFF (WEST GERMANY). Best mark 53.1 (2nd, GFR Chmps); won Munich meet July 12 (53.3).

14. (Tie) CARMEN TRUSTE (CUBA). Best mark 52.5 (1st CAC Games); won Cuba Chmps (54.7); 2nd Universiade (53.5).

14. (Tie) VYERA POPKOVA (SOVIET UNION). Best mark 53.4 (2nd EC sf Bucharest); won vs US (54.1) & SU Chmps (54.0).

17. (Tie) ANNA BOLTMAN (SOUTH AFRICA). Best mark 53.7 (1st Pretoria, March 20); won RSA Chmps (54.5).

17. (Tie) WALTRAUD DIETSCH (EAST GERMANY). Best mark 53.0 (3rd GDR Chmps).

17. (Tie) USCHI MEYER (SWITZERLAND). Best mark 53.6 (3rd Zurich meet).

17. (Tie) JARVIS SCOTT (UNITED STATES). Best mark 53.4y (2nd AAU Chmps).

Very strong from a chronometrical point of view with seven marks under 53 seconds in 1970, (only Pollock 14, and Besson 12, have more), Christel had her day of days in July against the United States when she defeated Laing and Hammond. She opened her long season by defeating Besson for 2nd place at the European Indoor Championships and closed with two fast times in cold weather in late October. Beat Besson 1:0 and Lundgren 4:0. Christel was ranked 9th last year.

A typical non-Olympic and non-European Championships season for the French pupil of Yves Durand Saint-Omer, who nevertheless ran under 54 seconds 11 times for an all time total of 27, second only to Pollock's 34. She won the Berlin EC semi final and two big night meetings at Zurich and Milan, but overall she also had some weak points as her loss in the French Championships indicates and a general fading in the second half of the season. She defeated Lundgren 4:0 and was 1:0 over Sykora and Fischer. Besson was ranked 4th last year and 1st in 1968.

Her very good competitive record, including only one defeat (by Fischer) and her many outstanding wins such as the European Junior Championships, the GDR title and the Erfurt triangular should have given her a higher placing - if only her times had been adequate and she was under 54 seconds only three times - although still much better than her 55.3 personal best last year. She is ranked for the first time.

Really the globetrotter of the event, Karin met nearly all of the top ten ranked runners in ten different competitions; nine times she ran under 54 seconds and she had good scores against Govoni 4:0, Sykora 1:0, but her Zauli and Mericamp Mem wins were offset by her 4th places at Zurich and the European Indoor Championships. Lundgren was ranked 7th last year and 3rd in 1967.

When Mavis left the USA for her European tour, this talented youngster had high possibilities to be ranked among the first three in this event after her brilliant AAU win, but team necessities prevented her from competing in a sufficient number of 400m events. Although she beat Hammond 3:1, she did more over 200m from a ranking point of view. Mavis is ranked for the first time in 1970.

Sykora won the Universiade with a new personal record but lost too many other clashes with her top opponents. Her 3rd at Hanns Braun Memorial, 4th at Zurich and 5th at Bucharest semifinal diminished her chances. Brown, the 11th ranked athlete, had a faster time but less opportunities to compete. Sykora was ranked 5th last year.

800 METERS/880 YARDS

1. GUNHILD HOFFMEISTER (EAST GERMANY)

2:08.8	(1)	Berlin indoor	1/3
2:02.7	(1)	GDR Chmps	5/7
2:01.8	(1)	Universiade	6/9
2:06.2	(1)	vs Bul/Fin	16/9

Unbeaten during the season, the threadlike East Germany specialist won the Universiade title with the best time of the year; defeated Burneleit twice and Sykora once. Because she was selected for the 1500 in the European Cup final, she did not get to meet Hildegard Janze, but twice ran faster times than Janze. She improved four seconds over last year and was in good shape at the right time for the Universiade. This is the first time Hoffmeister has been ranked.

WORLD RANKINGS (Continued)

2. HILDEGARD JANZE (WEST GERMANY)

2:09.5	(8)	Eur Ind Chmp	15/3
2:05.8	(4)	Istaf	4/7
2:04.6	(1)	vs USA	15/7
2:04.1	(1)	EC sf Herford	2/8
2:02.8	(1)	GFR Chmps	9/8
2:04.9	(1)	EC final	22/8

The blonde GFR runner emerged three years ago but failed to perform at predicted levels until last July. From this moment until the end of August she did not lose any races including a win in the tough European Cup semi-final against a hard field including Niklic and Nenzell, then beating Carey and Wieck in the Budapest final. But she had only one world class time. Ranked for the first time.

3. MARIA SYKORA (AUSTRIA)

2:07.0	(1)	Eur Ind Chmp	15/3
2:05.5	(2)	Olympic Day	17/6
2:07.9	(5)	Stockholm	2/7
2:04.7	(1)	Universiade h	5/9
2:01.9	(2)	Universiade f	6/9

Perhaps the most interesting prospect in this event in Europe. The bronze medalist from the 400m in Athens showed great possibilities here; in four top races she won the European Indoor title, was 2nd at the Universiade and lost heavily at Stockholm. She beat Silai, Burneleit, Keizer, Janze and Damm-Olesen all 1:0, tied with Nikolic 1:1 and lost to Wieck, Stirling and Hoffmeister 0:1. Her second place at the Universiade gives her the #3 ranking and we consider her the best of the tightest group ever ranked in this event (up to 11th place). This is her first ranking.

4. VERA NIKOLIC (YUGOSLAVIA)

2:05.7	(5)	Hanzekovic Mem	7/6
2:04.8	(1)	Belgrade	10/6
2:07.9	(2)	Copenhagen	30/6
2:04.8	(1)	Stockholm	2/7
2:02.2	(1)	Istaf	4/7
2:04.9	(1)	vs Italy	19/7
2:05.2	(2)	EC sf Herford	2/8
2:02.3	(1)	Balkan Games	14/8
2:04.1	(5)	Universiade	6/9
2:05.4	(1)	Yug Chmps	13/9
2:07.6	(2)	Zagreb	30/9

Vera's all-time record is quite impressive; when she ran her heat in Turin in 2:04.3 on September 5, it was her 50th race under 2:07 with 36 under 2:05, (second best in this respect behind Silai who has 20 sub 2:05 performances). Competitively speaking, it was the same old controversial Vera with many good wins and then again many defeats such as 5th places in Zagreb and the Universiade. Vera was ranked 5th last year, 2nd in 1968, 3rd in 1967 and 1st in 1966.



BURNELEIT
(Tony Duffy)



CAREY



KEIZER



JANZE



MERTEN

5. ILEANA SILAI (ROMANIA)

2:04.2	(1)	Rosicky Men	23/6
2:03.8	(1)	EC sf Buchar	2/8
2:03.3	(1)	vs USA	5/8
2:02.5	(2)	Balkan Games	14/8
2:04.6	(1)	Rum Chmps	30/8
2:02.6	(2)	Universiade h	5/9
2:02.6	(4)	Universiade f	6/9
2:03.6	(1)	Rum Int Chmps	12/9
2:04.4	(2)	vs GB/Hun	18/9

Didn't seem to miss her fame as a pacesetter and added three more clockings to her previous five under 2:03. She won three big races, (Bucharest EC semifinal, Rumanian International Championships and vs USA), but was only 4th at Turin. However, she beat Keizer 2:0, Wieck 1:0 and has nine times under 2:05 and excellent average time. Silai was ranked 3rd in 1969 and 3rd in 1968.

6. ILJA KEIZER (HOLLAND)

2:07.7	(4)	Eur Ind Chmps	15/3
2:08.9	(3)	Rosicky Mem	23/6
2:06.0	(1)	vs France	28/6
2:04.6	(1)	Zurich	3/7
2:03.7	(1)	EC sf Berlin	2/8
2:04.6	(1)	Cologne	11/8
2:03.6	(1)	Arnhem	2/9
2:05.6	(3)	Rum Int Chmps	12/9

Although Ilja did better over 1500 meters, her EC semifinal win over Carey, Wieck and Damm-Olesen gave her this ranking in a season which was not free from defeats as she lost the Rosicky Memorial and the Rumanian International Championships, both times to Silai. Keizer was not previously ranked in the 800.

7. SHEILA CAREY (GREAT BRITAIN)

2:07.8	(1)	Edinburgh	2/5
2:06.9	(1)	vs Holland	17/5
2:04.3	(2)	Hanzekovic Mem	7/6
2:03.6	(1)	WAAA Chmps	20/6
2:05.4	(3)	vs GDR	10/7
2:04.7	(1)	CG heat	24/7
2:18.5	(8)	CG final	25/7
2:03.8	(2)	EC sf Berlin	2/8
2:05.3	(2)	EC final	22/8
2:05.5	(1)	vs Poland	13/9

Her misfortune at the Commonwealth Games final where she fell after being in good position prevented her from possibly being ranked much higher. Her WAAA title and her win over Poland gave her the seventh ranking - the same as she had last year. She beat Wieck 2:1 and was ranked as the best Britain by their NUTS group of statisticians. Ranked 7th in 1968.

WORLD RANKINGS (Continued)

8. BARBARA WIECK (EAST GERMANY)

2:08.7	(1)	Narodna	30/5
2:04.6	(1)	Olympic Day	17/6
2:03.3	(2)	GDR Chmps	5/7
2:04.8	(1)	vs GB	10/7
2:04.1	(3)	EC sf Berlin	2/8
2:05.4	(3)	EC final	22/8
2:03.7	(2)	Rum Int Chmps	12/9
2:05.1	(2)	vs Pol/SU	27/9

Barbara won comfortably in the Olympic Day competition and won against Great Britain and scored 1:0 against Sykora, Damm-Olesen and Burneleit, but she had only two marks under 2:05 and could not be ranked higher as she also failed in some important competitions. She was ranked 6th last year.

9. KARIN BURNELEIT (EAST GERMANY)

2:04.4	(1)	Berlin	7/6
2:03.4	(3)	GDR Chmps	5/7
2:02.2	(1)	Universiade h	5/9
2:02.2	(3)	Universiade f	6/9
2:06.2	(1)	GDR Team Chmps	19/9
2:06.1	(1)	Sochi meet	4/10

Tempo races are Karin's specialty; but only at Sochi in October did she score a major win. Her third places at Turin and the GDR Championships as well as the responsibility for the fast times in most of her races where she took part give her this ranking spot. She runs so regularly that, for example, she ran the same time, 2:02.2, in her heat and the final at the Universiade, in spite of the different conditions. She is ranked for the first time here.

10. ROSEMARY STIRLING (GREAT BRITAIN)

2:06.5	(1)	Cosford ind	31/1
2:10.4	(2)	Edinburgh	2/5
2:05.4	(1)	Scott Chmps	5/6
2:07.2	(4)	WAAA Chmps h	19/6
2:05.9	(2)	Stockholm	2/7
2:04.9	(2)	CG heat	24/7
2:06.2	(1)	CG final	25/7
2:04.2	(1)	vs Hun/Rum	18/9

One win over Silai, another over Damm-Olesen and the Commonwealth Games title raised her from a low position on the world list to ranking honors. Damm-Olesen, ranked 11th, had better marks but was more erratic. Stirling has not been previously ranked.

11. ANNELISE DAMM-OLESEN (DENMARK). Best mark 2:04.1 (1st, Sundsvall, Aug 5); won Malmo (2:04.3) and Zagreb (2:06.7).

12. (Tie) ANNAMARIA NENZELL (SWEDEN). Best mark 2:03.5 (2nd, Istaaf); won Swedish Chmps (2:04.7).

12. (Tie) CHERYL TOUSSAINT (UNITED STATES). Best mark 2:05.1y (1st, AAU Chmps); won vs USSR (2:05.6).

14. MARTA VELEKEI (HUNGARY). Best mark 2:03.3 (1st vs Pol/Cze); won Hanzekovic Memorial (2:03.9).

15. DANUTA WIERZBOWSKA (POLAND). Best mark 2:03.7 (2nd vs Hun/Cze); won Polish chmps (2:05.8).

16. NADYA KOLYESNIKOVA (USSR). Best mark 2:04.1 (vs GDR/Pol); 2nd USSR Chmps (2:07.0).

17. WAIHRAUD POHLAND (EAST GERMANY). Best mark 2:04.4 (3rd, Hanzekovic Memorial); won European Jr Chmps (2:05.2).

18. (Tie) FRANCIE JOHNSON (UNITED STATES). Best mark 2:05.3y (2nd, AAU Chmps).

18. (Tie) MAGDOLNA KULCSAR (HUNGARY). Best mark 2:04.7 (3rd vs GB/Rum); won Hungarian Chmps (2:08.8).

18. (Tie) CHERYL PEASLEY (AUSTRALIA). Best mark 2:05.0 (heat, CG); won Australian chmps (2:05.6), 3rd CG final (2:06.3).



RIDLEY
(Tony Duffy)



PIGNI
(Athletisme)



TITTEL
(Tony Duffy)



SORUM
(Guy Mattsson)



LARRIEU
(Jeff Johnson)

1500 METERS/ONE MILE

1. PAOLI PIGNI (ITALY)

4:19.0	(1)	Warsaw	1/5
4:21.4	(1)	Mem Poli	7/5
4:32.2m	(1)	Mem Zaulid	16/5
4:17.5	(1)	Olympic Day	17/6
4:14.3	(1)	Notturna	1/7
4:16.8	(1)	Ita Chmps	14/7
4:20.0	(1)	vs Yug	19/7
4:25.5	(1)	EC sf Buchst	2/8

The only surviving girl from the famous Athens "trio" was really underestimated in almost every voting of the year, yet the fact remains she had an undefeated season, (cut short in August for reasons of maternity), and won not only her usual "tempo races" but developed into a good tactician as shown by her win over Bragina at the EC semi final. Paoli defeated Hoffmeister 2:0 and Keizer 2:0. The definition of Paoli as an excellent pace-runner with tactical troubles seems after this - even brief - season really obsolete. Pigni was ranked second last year.

2. GUNHILD HOFFMEISTER (EAST GERMANY)

4:22.3	(1)	GDR Ind Chmps	15/2
4:21.0	(2)	Warsaw	1/5
4:20.2	(1)	Narodna	31/5
4:20.0	(1)	Priz Pravda	11/6
4:21.6	(2)	Olympic Day	17/6
4:16.0	(1)	GDR Chmps	3/7
4:16.0	(1)	vs GB	11/7
4:15.8	(1)	EC sf Berlin	2/8
4:16.5	(2)	EC final	22/8
4:20.8	(4)	vs SU/Pol	27/9

Gunhild didn't have the super fast times during the season but she won many big competitions such as her national title and the dual meet against GB and was runner-up in the European Cup final. She also scored 2:0 over Ridley and 2:1 over both Burneleit and Bragina. Even though she faded greatly at the big SU/Poland triangular, it was only after a long, tough season of many 800's and 1500's. Hoffmeister was not previously ranked.

WORLD RANKINGS (Continued)

3. ILJA KEIZER (HOLLAND)

4:26.4	(6)	Warsaw	1/5
4:19.4	(3)	Notturme	1/7
4:16.6	(1)	Oslo	6/8
4:15.0	(1)	Arnhem	19/8
4:20.3	(1)	Sittard	26/8
4:13.0	(1)	Bonn	29/8

Ilja failed to win any major races and was badly beaten at Warsaw (6th) and in Milan (Notturme), but she scored 2:0 over Tittel and this gave her the necessary credentials for this third spot ranking. Generally speaking, after Pigni it is difficult to find other outstanding athletes in this specialty. Keizer was ranked sixth last year in this event.

4. ELLEN TITTEL (WEST GERMANY)

4:19.9	(4)	Notturme	1/7
4:17.2	(2)	vs USA	16/7
4:13.1	(1)	GFR Chmps	8/8
4:16.3	(1)	EC final	22/8
4:13.0	(2)	Bonn	29/8

Perhaps the biggest improvement at high level in this event during the year goes to the blonde from West Germany. She improved from a 4:28.5 mark in 1969 and showed real spirit in some of her races. After losing to teammate Merten in the USA dual, she ended the year with a 3:1 advantage. She scored an important win in the EC final over Hoffmeister, Bragina and Ridley won her this spot in the ranking list. She was not previously ranked.

5. LYUDMILA BRAGINA (SOVIET UNION)

4:20.9	(2)	Prix Pravda	11/6
4:23.9	(1)	Znamenski	3/7
4:16.8	(1)	vs USA	23/7
4:19.5	(1)	Moscow	26/7
4:26.1	(2)	EC sf Buchrst	2/8
4:17.2	(3)	EC final	22/8
4:18.4	(1)	SU Chmps	14/9
4:13.4	(2)	vs GDR/Pol	26/9

One of the first women to dedicate herself to running this distance, the veteran from Krasnodar leads the short history of the event now with 12 marks under 4:20. (Pigni has 11, Maria Gommers 10). Her 1970 season was not quite as good as the 1969 season, but she still won her national title, the Znamenski meet and the dual against the USA. Debts showed she lost at Erfurt and was 3rd in the EC final after losing a tactical race to Pigni at Bucharest. Nevertheless, she and Pangelova are the only two Soviet runners placed in the first ten in this event and Bragina leads Pangelova 3:1 win-loss total. She was ranked fourth last year.

6. TAMARA PANGELOVA (SOVIET UNION)

4:24.3	(1)	Kusocinski	19/6
4:24.2	(1)	Znamenski "B"	3/7
4:20.6	(2)	vs USA	23/7
4:21.4	(2)	SU Chmpa	14/8
4:13.4	(1)	vs GDR/Pol	26/9
4:22.8	(1)	SU Army Chmps	22/10

After years of mediocrity, Tamara Dunaysakaya got married and as Pangelova finds now a place in ranking due essentially to her win and her time at the Erfurt triangular. Tamara beat Burneleit 1:0 and collected second places against the USA and in her national championships to rate the ranking. This is her first time in the rankings and she did not appear last year.

7. KARIN BURNELEIT (EAST GERMANY)

4:20.4	(2)	Narodna	31/5
4:14.2	(1)	Erfurt	10/6
4:16.1	(2)	GDR Chmps	3/7
4:12.2	(1)	Berlin	1/8
4:16.5	(1)	UIISP Milano	8/9
4:13.7	(1)	vs Fin/Bul	15/9
4:14.0	(3)	vs SU/Pol	26/9
4:18.7	(1)	Sochi meet	4/30

Although Karin is the leader of the world list with the best 1970 time (4:12.2), she won only one major race (vs Bul/Fin), and lost the national title and was third at Erfurt in the big triangular (SU-Pol-GDR). She made a brilliant comeback after a year of absence from the track moving up to the 1500 and turning in four clockings under 4:15 without an impressive array of victories. In ranking terms this simply means that Karin has to be placed at the bottom of the leading group of runners. She was not previously ranked.

8. RITA RIDLEY (GREAT BRITAIN)

4:22.3	(1)	vs Holland	17/5
4:15.4	(1)	WAAA Chmps	20/6
4:18.8	(1)	CGames	23/7
4:17.3	(2)	EC sf Berlin	2/8
4:19.8	(4)	EC final	22/8
4:17.8	(1)	vs Poland	12/9
4:22.1	(2)	vs Hun/Rum	19/9

The Commonwealth Games champion and the winner of the WAAA title, Rita leads the "second division" in the 1500; despite losing to Carey 0:1, she is the best Briton. A win over Merten gave her her 8th place ranking ahead of the GFE blonde. Rita was also ranked 8th last year.

9. CHRISTA MERTEN (WEST GERMANY)

4:24.0	(2)	Poli Mem	7/5
4:46.9m	(5)	Zsula Mem	16/5
4:16.0	(2)	WAAA Chmps	20/6
4:20.8	(5)	Notturme	1/7
4:16.8	(1)	vs USA	16/7
4:20.0	(1)	EC sf Herfrd	2/8
4:17.6	(2)	GFR Chmps	8/8

Another West German newcomer (4:26.1 last year), Christa won the USA dual meet and her European Cup semifinal, but she lost the national title and was then caught by the fast rising countrywoman, Tittel. This is the first ranking for Merten.

10. NORINE BRAITHWAITE (GREAT BRITAIN)

4:23.4	(1)	Blackburn	6/6
4:16.8	(3)	WAAA Chmps	20/6
4:21.2	(2)	vs GDR	11/7
4:22.2	(6)	Com Games	23/7

No major wins to note for this promising newcomer and she is still a little far from world class standards. Defeated Page 2:1 and didn't meet Carey, who competed too few times in this event to rate a higher ranking. This is Braithwaite's first ranking.

11. (Tie) SHEILA CAREY (GREAT BRITAIN). Best mark 4:17.6 (2nd Notturme); won Hun/Rum triangular (4:20.8).

11. (Tie) ANNEKE DE LANGE (HOLLAND). Best mark 4:17.9 (3rd EC sf Berlin); won vs France (4:24.6).

11. (Tie) JOAN PAGE (GREAT BRITAIN). Best mark 4:17.6 (4th WAAA Chmps); second at Commonwealth Games (4:19.0).

11. (Tie) WENCHE SOERUM (NORWAY). Best mark 4:18.7 (4th EC sf Berlin); won vs Can/Swe (4:20.6).

15. NASIMA GIMATOVA (SOVIET UNION). Best mark 4:20.0 (2nd vs USA).

16. (Tie) SARDA KLOPFER (WEST GERMANY). Best mark 4:19.0 (3rd GFR Championships).

16. (Tie) FRANCIE LARRIEU (UNITED STATES). Best mark 4:17.3 (1st vs Rumania); won AAU Championships (4:20.8).

16. (Tie) SARA LIGETKUTTI (HUNGARY). Best mark 4:19.0 (2nd USIP Milano); won Hungarian Championships (4:23.1).

19. (Tie) ZOFIA KOLAKOWSKA (POLAND). Best mark 4:21.3 (6th Notturme); won vs Hun/Cze (4:24.6).

19. (Tie) VERA NIKOLIC (YUGOSLAVIA). Best mark 4:20.4 (1st, Balkan Games).

WORLD RANKINGS (Continued)

100 METER HURDLES

1. KARIN BALZER (EAST GERMANY)

13.3	(1)	Erfurt	24/5
13.3	(3)	Olympic Day	17/6
13.1	(2)	GDR Chmps	4/7
13.2w	(1)	vs GB	11/7
12.7	(1)	WR, Berlin	26/7
13.0	(1)	Berlin	31/7
13.0	(1)	Amizia Meet	8/8
13.1	(1)	EC final	22/8
13.1	(1)	Skra meet	3/9
12.9	(1)	GDR team Chmp	19/9

2. TEREZA SUKNIIEWICZ (POLAND)

13.4	(1)	Zauli Mem	16/5
12.8w	(1)	Kusocinski heat	20/6
12.8	(1)	WR, Kusocinski	20/6
13.0	(1)	Istaf	4/7
13.5	(1)	EC sf Bucharest	2/8
12.6w	(1)	Polish Chmps	6/8
13.2	(2)	EC final	22/8
13.0	(1)	Universiade	3/9
13.2	(1)	UISP Milan	8/9
12.8	(1)	vs GB	12/9
12.8	(1)	Warsaw	19/9
12.7	(1)	WReq, Warsaw	20/9
12.7	(1)	WReq, vs GDR/SU	27/9

3. CHI CHENG (REPUBLIC OF CHINA)

13.3	(1)	Mt SAC Rel	25/4
13.0w	(1)	San Diego	9/5
13.3	(1)	Kennedy Games	30/5
13.2	(1)	Portland	13/6
13.2	(1)	Orange Inv	20/6
12.9w	(1)	Munich heat	12/7
12.8	(1)	WReq, Munich	12/7
13.1	(1)	Innsbruck	14/7

4. PAMELA KILBORN (AUSTRALIA).

13.3	(2)	Aus. Chmps	11/3
13.3	(1)	Koblens	24/6
13.3	(1)	Notturna	1/7
13.1	(2)	Zurich	3/7
13.3	(2)	Istaf	4/7
13.2	(1)	C Games	23/7
13.2	(2)	Amizia meet	8/8
13.2	(1)	Cologne	11/8
13.1	(1)	Melbourne	18/12

The second "official" season over the new 100m hurdles was a very turbulent one. It was a very tough season with many races and record improvements and a decision as to who should be the number one ranking athlete for 1970 was made only after very close study of the ranking criteria. Balzer, the senior among this year's ranked runners, won the only clash with Sukniewicz on Budapest's dirt track - and that must be the decisive reason even though Karin claimed only one world record to Sukniewicz' three, only three sub-13-sec marks against Tereza's eight. Balzer started slowly and lost twice to teammate Jahns, a newcomer. Interesting to note that Balzer won the "Golden Spike" award from the Czechoslovakian-organized sport Prague by more than 100 votes over Sukniewicz. Karon, the 1964 80mH Olympic champion, was also ranked first last year and in 1964, ranked 4th in 1968, was 2nd in 1967, 3rd in 1966, 4th in 1963, 5th in 1962 and 9th in 1960.

To be honest we must state that the attractive Warsaw student of planning and statistics was fully prepared and ready to run against Balzer on two other occasions, but at the last minute Balzer withdrew for "physical reasons", (at Kusocinski and the triangular against GDR/SU). In spite of this fantastic year of hurdle record breaking, Tereza and her coach, Tadeusz Szczepanski, are certainly not satisfied with her basic speed of 11.7 for 100m and hope to improve for the coming season. Tereza's record was outstanding against tough competitors with scores of 4:0 over Bufanu, 3:0 over Podeswa, 3:1 vs Nowak, and 1:0 over Jahns and Kilborn. She was selected Polish athlete of the year. Previously Sukniewicz was ranked 6th in both 1969 and 1968.

A perfect competition record - unbeaten - and a world best, but no opportunity to meet any of the other top four. Chi had no problem, however, defeating the top American hurdler Pat Johnson three out of three times while Johnson was a tough opponent for many Europeans during the summer which shows Chi's hurdling potential more accurately. Chi was ranked 3rd in 1969 and 1968, 4th in 1966 and 9th in 1965.

The European trip offered to the "Steadiest Star of the Sixties" the opportunity to meet many of the top hurdle specialists. The result was a 4th place ranking, her lowest since her first appearance in the ranking lists in 1961 when she was also ranked fourth. Pam won the Commonwealth Games title then split with her European races winning three and losing three but she defeated Rosendahl 2:1, Nowak 2:0 and Bufanu 2:0. Her domestic position is confirmed by 2:1 vs Caird, even tho the lone loss was the Australian title - but she was not yet recovered from an injury. Kilborn was ranked 2nd in 1969 and 68, 1st in 1967 and 1966, 2nd in 1965, 3rd in 1964, 1st in 1963, 2nd in 1962 and 4th in 1961.



SUKNIIEWICZ



STERK



PODESWA



KILBORN



BALZER

5. HEIDE ROSENDAHL (WEST GERMANY)

13.4	(2)	Koblens	24/6
13.1	(1)	Zurich	3/7
13.5	(3)	Istaf	4/7
13.1	(1)	vs USA	15/7
13.8	(1)	EC sf Herford	2/8
13.2	(1)	GFR Chmps	9/8
13.1	(1)	GFR pent chmps	12/9

Even though Rosendahl considers herself first a long jumper, then a pentathlete and the hurdles her "third string", three 13.1 clockings, the win at the Zurich meet and the USA competition plus such good scores as 2:1 over Bach and 1:0 over Johnson, Nowak and Bufanu shows she is also world class in this event. This is her first ranking in the hurdles.

WORLD RANKINGS (Continued)

6. PAT JOHNSON (UNITED STATES)

13.3	(2)	Mt SAC Rel	25/4
13.8	(2)	Portland	13/6
13.5	(2)	AAU Chmps	4/7
13.3	(2)	vs GFR	15/7
13.5	(1)	vs SU	24/7
13.4	(1)	vs Rumania	6/8
13.5	(2)	Cologne	11/8
13.5	(2)	Skra meet	3/9

The former Miss Van Wolvelaere started the season slowly and was second in the AAU Championships behind Mamie Rallins, but performed very well during her European tour winning against the Soviet Union and Rumania and defeating Jahns, Bufanu and Nowak and deserves a world ranking position. She was ranked 5th in 1968.

7. TEREZA NOWAK (POLAND)

13.2	(1)	vs Bulgaria	14/6
13.3	(1)	Olympic Day	17/6
13.1	(2)	Kusocinski	20/6
13.7	(1)	vs Hun/Cze	28/6
13.5	(2)	Notturna	1/7
13.3	(3)	Zurich	3/7
13.2w	(2)	Pol Chmps	6/8
13.5	(3)	Skra meet	3/9
13.3	(2)	vs GB	12/9

Two steps back for the experienced Polish veteran who opened the season by whipping Balzer and Sukniewicz, (final scores were 1:1 and 1:3), won the Olympic Day meet, beat Jahns twice and Bufanu three times and the third best Polish hurdler, Zebrowska, 3:1. But Tereza suffered an injury in a fall and was not able to produce fast times later on. She was ranked 5th last year and 10th in 1967.

8. ANNELIESE JAHNS (EAST GERMANY)

13.7	(3)	Erfurt	24/5
13.3	(2)	Olympic Day	17/6
13.1	(1)	GDR Chmps	4/7
13.3w	(2)	vs GB	11/7
12.9	(2)	Berlin	26/7
13.1	(1)	EC sf Berlin	2/8
13.7	(5)	Skra meet	3/9
13.4	(2)	vs Bul/Fin	16/9
13.3	(4)	vs Pol/SU	27/9

At the end of last season, Jahns was just a mediocre performer with a best of 14.1, but by early July she had beaten Balzer twice and run 13.1! She was not able to maintain the pace of this brilliant start and finally faded to a bad 5th place at the important Skra meet. She tied 3:3 with Podeswa. This is her first ranking.

9. BARBEL PODESWA (EAST GERMANY)

13.4	(2)	Erfurt	24/5
13.8	(4)	Olympic Day	17/6
13.3	(3)	GDR Chmps	4/7
13.5	(3)	Berlin	26/7
13.6	(3)	Amizia meet	8/8
13.4	(2)	Universiade	3/9
13.6	(2)	UISP Milan	8/9
13.3	(1)	vs Bul/Fin	16/9
13.3	(2)	GDR team chmps	19/9
13.0	(2)	vs SU/Pol	27/9

The Athens runner-up was second in both the Universiade and the Erfurt triangular against USSR and Poland, but had only one major win during the year, the triangular against Bulgaria/Finland in Leipzig. She was 1:0 over Bufanu and lost to Nowak 0:1. Surely not up to her 1969 level. Podeswa was ranked 4th last year.

10. VALERIA BUFANU (RUMANIA)

13.8	(2)	Zaüli meet	16/5
13.6	(5)	Kusocinski	20/6
13.9	(4)	Notturna	1/7
13.8	(6)	Zurich	3/7
13.6	(2)	EC sf Bucharest	2/8
13.5	(2)	vs USA	6/8
13.5	(1)	Balkan Games	16/8
13.5	(3)	Universiade	3/9
13.4	(1)	Rum Int Chmps	12/9
13.5	(1)	vs GB/Hun	18/9
13.0	(1)	vs Poland	3/10
12.9	(1)	Rum pent chmp	10/10

Although she was very brilliant during the final two months of her season, one must remember her poor showings earlier such as 6th at Kusocinski and Zurich. She was the bronze medalist at the Universiade and won against Poland, (who went without Sukniewicz and Nowak) and has losing scores against all athletes ranked above her. She ranks ahead of Caird only because of the few competitions engaged in by the Australian. She tied with Zebrowska and Strazsynska 1:1. She was not previously ranked.

11. MAUREEN CAIRD (AUSTRALIA). Best mark 13.2 (Sydney, Feb. 2); won Australian championships (13.3); 2nd Comm Gms (13.7).

12. MARGIT BACH (WEST GERMANY). Best time 13.1 (1st, GFR chmps); 3rd EC final (13.7).

13. (Tie) DANUTA STRASZYNSKA (POLAND). Best time 13.3 (3rd Kusocinski); 3rd Polish Championships (13.3w).

13. (Tie) ELZBIETA ZEBROWSKA (POLAND). Best mark 13.1 (3rd vs GDR/SU); was 4th Polish Championships (13.5w).

15. BURGLINDE POLLAK (EAST GERMANY). Best mark 13.3 (4th, GDR Championships).

16. TATYANA KONDRASHEVA (SOVIET UNION). Best mark 13.3 (1st, Dnyepropetrovsk, Oct 19); won Znamenski Memorial (13.6).

17. (Tie) CHRISTINE BELL (GREAT BRITAIN). Best mark 13.4 (2nd, EC sf Berlin); 3rd Commonwealth Games (13.8).

17. (Tie) MAMIE RALLINS (UNITED STATES). Best mark 13.4 (2nd Mt SAC Relays); won AAU Championships (13.4).

19. (Tie) PENNY McCALLUM (AUSTRALIA). Best mark 13.4 (2nd, Sydney, Feb 7); was 3rd Australian Championships (13.5).

19. (Tie) MIEKE STERK (HOLLAND). Best mark 13.4 (Amsterdam, May 24); won vs France (13.5).

WORLD RANKINGS (Continued)

HIGH JUMP

1. ILONA GUSENBAUER (AUSTRIA)

1.87/6'1¼i	(1)	Vienna	6/2
1.83/6'0i	(1)	Ind. Univers	22/2
1.84/6'0½i	(1)	Dynamo Inv	1/3
1.88/6'2i	(1)	Eur Ind Chmps	15/3
1.77/5'9¾	(1)	Koblentz	24/6
1.78/5'10	(1)	Istaf	4/7
1.85/6'0¾	(1)	Innsbruck	14/7
1.81/5'11¾	(1)	Austrian Chmps	24/7
1.84/6'0½	(1)	EC sf Buchrst	2/8
1.83/6'0	(1)	vs Denmark	23/8
1.83/6'0	(3)	Universiade	5/9
1.83/6'0	(1)	Munich	9/9
1.74/5'9½	(2)	vs Italy/Swit	20/9
1.83/6'0	(1)	Vienna	11/10

2. RITA SCHMIDT (EAST GERMANY)

1.83/6'0i	(1)	GDR Ind Chmps	15/2
1.84/6'0½i	(2)	Dynamo Inv	1/3
1.82/5'11¾i	(3)	Eur Ind Chmps	15/3
1.65/5'5	(6)	Praga Academica	5/6
1.83/6'0	(1)	Leipzig	10/6
1.77/5'9¾	(2)	Olympic Day	17/6
1.80/5'10¾	(1)	GDR Chmps	5/7
1.85/6'0¾	(1)	vs GB	11/7
1.82/5'11¾	(1)	EC sf Berlin	2/8
1.84/6'0½	(1)	EC final	22/8
1.80/5'10¾	(1)	vs Bul/Finland	16/9
1.82/5'11¾	(1)	GDR Team Chmps	19/9
1.82/5'11¾	(1)	vs SU/Pol	27/9

3. SNEZHANA HREPEVNIK (YUGOSLAVIA)

1.77/5'9¾i	(2)	SU Ind Chmps	25/2
1.76/5'9¾i	(5)	Eur Ind Chmps	15/3
1.78/5'10	(2)	Istaf	4/7
1.78/5'10	(1)	vs Italy	19/7
1.82/5'11¾	(1)	EC sf Herford	2/8
1.83/6'0	(2)	Balkan Games	16/8
1.86/6'1¼	(1)	Universiade	5/9
1.81/5'11¾	(1)	Yug Chmps	13/9

4. CORNELIA POPESCU (ROMANIA)

1.83/6'0i	(1)	Crystal Cup	1/3
1.82/5'11¾i	(2)	Eur Ind Chmps	15/3
1.80/5'10¾	(1)	Zauli Mem	16/5
1.84/6'0½	(p)	Bucharest	27/5
1.77/5'9¾	(1)	Kusocinski	19/6
1.84/6'0½	(1)	vs USA	5/8
1.76/5'9¾	(5)	EC sf Buchrst	2/8
1.85/6'0¾	(1)	Balkan Games	16/8
1.78/5'10	(1)	Rum Chmps	30/8
1.83/6'0	(2)	Universiade	5/9
1.80/5'10¾	(1)	Rum Int Chmps	13/9
1.80/5'10¾	(1)	vs GB/Hun	19/9
1.79/5'10¾	(1)	vs Poland	4/10

5. ANTONINA LAZARYEVA (SOVIET UNION)

1.77/5'9¾i	(1)	SU Ind Chmps	25/2
1.85/6'0¾	(1)	Riga Cup	4/6
1.86/6'1¼	(1)	Rosicky Mem	23/6
1.87/6'1¾	(1)	Znamenski Mem	2/7
1.80/5'10¾	(1)	vs USA	23/7
1.80/5'10¾	(2)	EC sf Buchrst	2/8
1.84/6'0½	(2)	EC final	22/8
1.83/6'0	(4)	Universiade	5/9
1.83/6'0	(1)	SU Chmps	13/9
1.76/5'9¾	(2)	vs GDR/Poland	27/9

6. MILENA HUBNEROVA (CZECHOSLOVAKIA)

1.64/5'4¾	(7)	Zauli Mem	16/5
1.85/6'0¾	(1)	Golden Spikes	28/5
1.81/5'11¾	(1)	Prague Acad	5/6
1.82/5'11¾	(2)	Rosicky Mem	23/6
1.82/5'11¾	(1)	vs Hun/Pol	27/6
1.78/5'10	(1)	Budapest	6/7
1.74/5'8½	(2)	Czech Chmps	12/7
1.80/5'10¾	(3)	EC sf Buchrst	2/8
1.81/5'11¾	(1)	vs Fra Juniors	30/8
1.74/5'8½	(2)	CSSR Chmps	13/9
1.80/5'10¾	(1)	vs Finland	18/9
1.68/5'6	(2)	Sochi Meet	4/10

Austria's first string was the most popular winner at the European Indoor Championships at Vienna as she bettered the indoor world record and won one of the two biggest outdoor competitions, the Bucharest European Cup semi final. Ilona, a national class basketball player in the autumn, lost only twice during the year, both on Italian soil: the Torino Universiade and the Piacenza Triangular. She was over 1.83/6'0 thirteen times. Ilona as ranked 6th last year, 8th in 1968 and 7th in 1967.

Showing the best competitive spirit since summer of 1968, the GDR champion won at Budapest and Erfurt - two really major honors. She lost five times during the season, (her worst was sixth place at Prague's Academic meet on a very slippery takeoff), losing to Gusenbauer 0:2, and to Hubnerova, Popescu and Karbanova 0:1, but beating Hrepevnik 1:0 and Lazaryeva and Blagoyeva 2:0. She had 11 jumps over 1.80/5'10¾. Rita was ranked 4th last year, 2nd in 1968 and 3rd in 1967.

The tall (6'0) girl from Beograd suburb, who was not able to jump higher than 1.50/4'11 in her first three seasons, won the "mostest" (in view of opposition and quality) at Turin, bettering her 1969 best by seven cm/2¾". Her score with Gusenbauer is 1:2 as it is with Popescu, and she is 1:1 with Lazaryeva - but the Universiade win gave her this place in the ranking. She was ranked 9th last year and 6th in 1967.

THE newcomer of the event who was credited with only 1.68/5'6 as late as January and who competed in Mexico City Games only as a pentathlon prospect. Cornelia raised the flopper best to 1.85/6'0¾ winning the Balkan Games over Hrepevnik and surprising with a silver medal at the Vienna indoor championships. She was over 1.80/5'10¾ 11 times and beat Blagoyeva and Schmidt 1:0, Hrepevnik 2:1, lost to Rechner 0:1 and tied with Lazaryeva and Hubnerova 1:1. In all criteria she was almost even with Lazaryeva, but her 5:4 score against the first ranked trio, (compared with the Russian's 1:5 loss to the same three), decided the final order. Popescu was not previously ranked.

The Soviet veteran was the world's best in June and July, bettering the USSR record three times and beating everyone. But then she slipped down with defeats in the European Cup semi final and final and fourth place at Turin. But even at this time she was able to attack - and almost successfully - 1.88/6'2 at the Soviet Championships. She defeated Hubnerova 2:0, lost to Gusenbauer and Schmidt 0:2. Antonina was ranked 2nd last year, 3rd in 1968, 1st in 1967 and 10th in 1966.

The ranking leader for 1968-1969 showed very erratic form with an unheard of 9 losses during the season, (4 of them to Czech newcomer Karbanova, whom Milena beat overall 5:4). But even so, she improved her personal best to 1.85/6'0¾, mastered 1.80/5'10 eight times and won big competitions such as the Warsaw Triangular. She beat Schmidt 1:0 and Valentova 9:3. She was ranked first in 1969 and first in 1968.



POPESCU



GUSENBAUER



GARTNER



HREPEVNIK



SCHMIDT
(Tony Duffy)

7. DEBBIE BRILL (CANADA)

1.83/6'0i	(1)	Maple Leaf Gms	5/2
1.80/5'10½i	(1)	AAU Ind Chmps	27/2
1.67/5'5½	(1)	Mt SAC Rel	26/4
1.835/6'0¼	(1)	Modesto Rel	23/5
1.75/5'8¼	(1)	CG Trials	20/6
1.83/6'0	(1)	Ottawa	5/7
1.78/5'10	(1)	Comm Gms	22/7
1.80/5'10¼	(1)	Can Chmps	29/8
1.69/5'6½	(2)	vs Nor	13/9
1.76/5'9¼	(1)	vs Nor/Swe	19/9

The Canadian youngster, now the second best flopper in the world, had no opportunity to show her competitive ability against any of the top jumpers - and so she must be listed at the end of the "first league". The American AAU Championships, Modesto's California Relays and the Commonwealth Games titles are her major honors. Previously unranked.

8. MILADA KARBANOVA (CZECHOSLOVAKIA)

1.70/5'7	(3)	Prague Academica	5/6
1.76/5'9¼	(5)	Rosicky Mem	23/6
1.78/5'10	(1)	Hradec Kral	28/6
1.74/5'8½	(1)	Czech Chmps	12/7
1.77/5'9¼	(1)	vs Bavaria	19/7
1.78/5'10	(1)	Prostejov	8/8
1.81/5'11¼	(1)	CSSR Chmps	13/9
1.75/5'8¼	(2)	vs Finland	18/9

The Czech "fifth string" for the last three years improved mightily; she won the Czechoslovakian title at 1.81/5'11¼ to make her score against Olympic champion Hubnerova to even. She was 1:0 over Rechner, Mack and Schmidt and 8:4 over Valentova. This is her first ranking. At the end of 1969 she was only 38th on the all time world list

9. YORDANKA BLAGOYEVA (BULGARIA)

1.81/5'11¼i	(1)	Bul Ind Chmps	14/2
1.80/5'10¼i	(2)	Ind Univ	22/2
1.84/6'0¼i	(3)	Dynamo Inv	1/3
1.82/5'11¼i	(4)	Eur Ind Chmps	15/3

Had only four competitions, all indoors - and all at 1.80/5'10¼ or better! This combination plus her scores of 2:0 over Lazova;...1:0 vs Komka and Hrepevnik, gives her the ranking spot in spite of losing the entire outdoor season because of injury. She was ranked 7th last year.

10. RENATE GARTNER (WEST GERMANY)

1.74/5'8½	(3)	Istaf	4/7
1.78/5'10	(1)	vs USA	15/7
1.78/5'10	(2)	EC sf Herford	2/8
1.75/5'8¼	(2)	GFR Chmps	8/8
1.80/5'10¼	(1)	GFR Jr Chmps	29/8
1.74/5'8½	(3)	Eur Jr Chmps	12/9
1.75/5'8¼	(1)	vs GB Jrs	26/9
1.80/5'10¼	(1)	3th Am, Osorne	14/10

Two 1.80/5'10¼ made her the third best "flopper"; she won against the USA and defeated Mack 3:2, Valentova, Lazova, and Komka 1:0 and those items gave her the ranking spot over a very close group of other contenders. This is her first ranking.

11. (Tie) ADELAIDE GERTIG (SOVIET UNION). Best mark 1.79/5'10½ (2nd, Znamenski Memorial).

11. (Tie) KAREN MACK (WEST GERMANY). Best mark 1.82/5'11¼ (1st GFR Championships).

13. (Tie) KATYA LAZOVA (BULGARIA). Best mark 1.77/5'9¼ (1st Olympic Day).

13. (Tie) TRIX RECHNER (SWITZERLAND). Best mark 1.81/5'11¼ (Zug, Sept. 5); won vs Austria/Italy (1.74/5'8½/

13. (Tie) JAROSLAVA VALENTOVA (CZECHOSLOVAKIA). Best mark 1.81/5'11¼i (Uh Hradiste, March 2) and 2nd Zauli Memorial.

16. (Tie) VYERA GAVRILOVA (SOVIET UNION). Best mark 1.81/5'11¼ (Bryansk, Aug 8); won Izvestia Cup (1.74/5'8½).

16. (Tie) MAGDOLINA KOMKA (HUNGARY). Best mark 1.84/6'0½ (Salgotarjan, April 18).

16. (Tie) DANUTA KONOWSKA (POLAND). Best mark 1.76/5'9¼ (vs Bulgaria, June 14).

16. (Tie) NINA ZHDAN (SOVIET UNION). Best mark 1.77/5'9¼ (Moscow, July 26); 2nd SU Chmps (1.76/5'9¼).

20 KARIN SCHULZE (EAST GERMANY). Best mark 1.81/5'11¼i (4th, Dynamo Inv).

WORLD RANKINGS (Continued)

LONG JUMP

1. HEIDE ROSENDAHL (WEST GERMANY)

6.16/20'2½	(5)	SU Ind Chmps	25/2
6.55/21'6i	(2)	Eur Ind Chmps	14/3
6.45/21'2	(1)	Mericamp Mem	20/6
6.72/22'0½	(1)	Zurich Inv	3/7
6.60/21'7¾	(1)	Munich	12/7
6.64/21'9½	(1)	vs USA	16/7
6.27/20'7	(1)	EC sf Herford	2/8
6.72/22'0½	(1)	GFR Chmps	9/8
6.80/22'3¾	(1)	EC Final	22/8
6.84/22'5¾	(1)	WR, Universde	3/9
6.81/22'4¾	(1)	GFR Team Chmp	19/9
6.68/21'11	(1)	Mayen	27/9
6.68/21'11	(1)	SÄmer, Valpar	11/10

2. VIORICA VISCOPOLEANU (RUMANIA)

6.56/21'6¾i	(1)	Eur Ind Chmps	14/3
6.32/20'8¾	(4)	Zurich Inv	3/7
6.52/21'4¾	(1)	Innsbruck	14/7
6.37/20'10¾	(2)	Munich	12/7
6.67/21'10½w	(1)	Vienna	18/7
6.37/20'10¾	(1)	EC sf Buchrst	2/8
6.34/20'9¾	(1)	vs USA	5/8
6.43/21'1¾	(1)	Balkan Games	14/8
6.38/20'11¾	(1)	Rum Chmps	29/8
6.45/21'2	(1)	Rum Int Chmps	12/9
6.50/21'4	(1)	vs Hun/GB	18/9
6.40/21'0	(1)	Aniversario	1/11

A strict "Vogue" follower with her 15 training suits of all colors and all fashions, Heide dominated the event by a huge margin with her new world record and in the "Ten Best Average" performances - she had nine of her lifetime best jumps this year. Ironically, the event as a whole was probably the weakest event of 1970 measured on past standards - but Heide's unbeaten series was without question. She also had three unofficial (foul) jumps over 6.90/22'7¾ and defeated Mickler 6:0. She has been over 6.40/21'0 18 times in 1970 to add to her 17 previous jumps past that distance which puts her number one in that department replacing Shchelkanova who had 32 such performances. In addition, Heide did this jumping while performing in other events at the same competitions. Heide was ranked 2nd last year and 5th in 1968.

The senior jumper of all the leaders, the 31 year old Rumanian had her best season ever except for Olympic year. She won the closest competition of the year when she annexed the European Indoor title as only 4cm/1½" separated the first four finishers. She now has 58 jumps beyond the 6.30/20'8 marker to rate even with Shchelkanova. She won the Balkan Games and the Warsaw triangular against Poland/Hungary, defeated Mickler 1:0, Wilson 2:1 and Antenen 3:0 among others. Viorica was ranked 5th last year, 1st in 1968, 3rd in 1967, 10th in 1966, 4th in 1965 and 6th in 1964.



VISCOPOLEANU



WILSON



SHERWOOD



WALLS
(Peter Tempest)



BAKKER
(Devan)

3. INGRID MICKLER (WEST GERMANY)

6.50/21'4	(1)	WAAA Chmps	20/6
6.43/21'1¾	(1)	Istaf	4/7
6.55/21'6	(2)	vs USA	16/7
6.58/21'7w	(2)	Vienna	18/7
6.57/21'6¾	(2)	GFR Chmps	9/8
6.54/21'5½	(1)	Coca Cola Inv	5/9
6.73/22'1	(2)	GFR Team Chmps	19/9
6.70/21'11¾	(1)	Bonn	26/9
6.67/21'10½	(2)	Mayen	27/9

Runner-up in the 1969 ranking, Mickler lost only to Rosendahl and Viscopeleanu during the season and had brilliant wins at the WAAA Championships and the ISTAF meet. Her duels with Rosendahl were classic and although she lost all six competitions to her West German teammate, not a single one was decided before the final jump! Ingrid defeated Sherwood 1:0 and Wilson 2:0. She was ranked 8th in 1967, 2nd in 1967 and 5th in 64.

4. SHEILA SHERWOOD (GREAT BRITAIN)

6.42/21'0¾w	(1)	British Gms	13/6
6.30/20'8	(3)	WAAA Chmps	20/6
6.34/20'9¾	(1)	vs GDR	10/7
6.73/22'1	(1)	Com Games	23/7
6.67/21'10½	(1)	EC sf Berlin	2/8

Sheila concentrated only on winning the Commonwealth Games this year and so successful was she with her timing in this respect that she recorded the greatest series ever - all six jumps legal and an AVERAGE of 6.66/21'10¾. She lost the WAAA title by only one inch then chose holidays over competition after her win in the European Cup semi final, thus she had only four international competitions which lost her all chance for a better record or higher ranking. She was 10th last year, 2nd in 1968.

5. ANN S. WILSON (GREAT BRITAIN)

6.33/20'8¾i	(8)	Eur Ind Chmps	14/3
6.44/21'1½w	(1)	Edinburgh	2/5
6.45/21'2w	(2)	vs Holland	17/5
6.32/20'8¾	(2)	WAAA Chmps	20/6
6.50/21'4	(2)	Zurich Inv	3/7
6.34/20'9¾	(2)	vs GDR	10/7
6.55/21'6	(p)	Com Gms Pent	22/7
6.50/21'4	(2)	Comm Gms	23/7
6.57/21'6¾w	(2)	EC final	22/8
6.53/21'5w	(2)	Coca Cola Inv	5/8
6.42/21'0¾	(1)	vs Poland	13/9
6.39/20'11½	(3)	vs Hun/Rum	18/9

This pretty British girl was much more active than her older teammate and regained world class after her 1969 physical troubles. Although you may say her season was not rich with victories, it was filled with many hard fights with the leading ranked top four giving her the title of "runner-up of the year" with four second place awards at Edinburgh, Zurich, WAAA and European Cup final. Beat Walls 4:2, Duclos and Herbst 1:0 but lost 0:1 to Sarna. Ann was previously unranked in the long jump.

WORLD RANKINGS (Continued)

6. MARGIT HERBST (EAST GERMANY)

6.05/19'10 ⁴ / _i	(3)	GDR Ind Chmps	15/2
6.54/21'9 ² / _{zw}	(p)	Magdeburg	10/6
6.61/21'8 ⁴ / _i	(1)	GDR Chmps	5/7
6.44/21'1 ⁴ / _i	(3)	EC final	22/8
6.63/21'9	(1)	vs Fin/Bul	16/9
6.65/21'9 ⁴ / _i	(1)	vs SU/Pol	27/9
5.98/19'7 ² / _i	(3)	Aniversario	1/11

A newcomer to the European long jump scene, Margit comes from the long list of pentathlonist who excel in the long jump. This helps to explain why the event has not yet reached a higher level. Herbst, (which means "autumn" in German), was a middle-class pentathlonist last year and still under 20 feet in the long jump, but when asked to substitute for Wieczorek she accepted the new responsibility and came through with a fine series of performances and some major wins, (plus a close foul at 6.70/21'11⁴/_i). Margit has not been previously ranked in the long jump.

7. MIROSLAWA SARNA (POLAND)

6.19/20'3 ⁴ / _i	(3)	SU Ind Chmps	25/2
6.25/20'6 ⁴ / _i	(1)	Dynamo Inv	1/3
6.19/20'3 ⁴ / _i	(3)	Eur. Ind Chmps	14/3

One of the few Rosendahl conquerors of the season, (at Moscow indoors). Sarna, the European champion, was third at the European Indoor Championships in that very close competition mentioned before and must be ranked this high despite no outdoor starts because the overall standard of the event was higher indoor than out. Sarna ran only the sprint outdoor, her best being 23.5 200. She was ranked 3rd last year and 10th in 1968.

8. ODETTE DUCAS (FRANCE)

6.38/20'11 ¹ / ₂	(2)	Mericamp Mem	20/6
6.25/20'6	(1)	vs Holland	28/6
6.02/19'9	(6)	Zurich Inv	3/7
6.47/21'2 ⁴ / _i	(1)	French Chmps	17/7
6.24/20'5 ⁴ / _i	(2)	EC sf Berlin	2/8
6.30/20'8 ^w	(1)	Font Romeu	9/8

Although the French jumper won no major honors, she scored 2:0 against Bakker and 1:0 vs Antenen thereby earning her first ever ranking position.

9. META ANTENEN (SWITZERLAND)

6.36/20'10 ⁴ / _i	(6)	Eur Ind Chmps	14/3
6.02/19'9	(7)	Zurich Inv	2/7
6.36/20'10 ⁴ / _i	(1)	Swiss Chmps	9/8
5.89/19'4	(4)	EC sf Buchrest	2/8
6.41/21'0 ⁴ / _i	(p)	Sw Pent Chmps	23/8
6.55/21'6	(1)	vs Wurttemberg	12/9
6.40/21'0	(1)	Zug	27/9

Meta had a hard time getting started in 1970 and finished as far down as 7th at Zurich. She finally began to come around in August and then the Swiss clock operator had some fine domestic jumps on artificial surfaces, but wasn't seen at the big meets and lost to Bychkova 0:2 indoors. She has not been previously ranked in the long jump.

10. BURGHILD WIECZOREK (EAST GERMANY)

6.41/21'0 ⁴ / _i	(1)	Leipzig	1/2
6.32/20'8 ⁴ / _i	(1)	GDR Ind Chmps	15/2
6.49/21'3 ⁴ / _i	(1)	vs GB Indoors	21/2
6.53/21'5 ⁱ	(4)	Eur Ind Chmps	14/3

Another jumper who did not compete outdoor as she was stopped by a broken leg. She had three fine performances in February but was only fourth in the European Indoor Championships although that was her best jump of the year. She defeated Wilson 2:0 and was 1:0 over Antenen, Herbst, Rurka and Bychkova. She was previously ranked 7th in 1967.

11. ALLA SMIRNOVA (SOVIET UNION). Best mark 6.35/20'10 (1st, SU Chmps); won vs USA (6.26/20'6⁴/_i); 2nd GDR/Pol (6.28/20'7⁴/_i).

12. (Tie) TATYANA BYCHKOVA (SOVIET UNION). Best mark 6.38/20'11⁴/_i, (5th Eur. Ind Chmps).

12. (Tie) CHI CHENG (REPUBLIC OF CHINA). Best mark 6.42/21'0⁴/_i, (1st AAU Indoor Championships).

12. (Tie) JARMILA NYGRYNOVA (CZECHOSLOVAKIA). Best mark 6.21/20'4⁴/_i (1st vs Pol/Hun); won Eur Junior Chmps (6.27/20'7^w).

12. (Tie) RYSZARDA RURKA (POLAND). Best mark 6.29/20'7⁴/_i (4th EC final); won Kusocinski (6.28/20'7⁴/_i).

12. (Tie) ALIX STEVENSON (GREAT BRITON). Best mark 6.27/20'7 (2nd British Games); won Scottish Chmps (6.39/20'11²/_{zw}).

12. (Tie) IRINA TARASOVA (SOVIET UNION). Best mark 6.43/21'1⁴/_i (1st, Izvyestia Cup).

12. (Tie) ELENA VINTILA (RUMANIA). Best mark 6.35/20'10 (2nd Universiade).

12. (Tie) MORIA WALLS (GREAT BRITAIN). Best mark 6.43/21'1⁴/_i (2nd vs Hun/Rum); won vs Holland (6.48/21'3⁴/_w).

20. CORRIE BAKKER (HOLLAND). Best mark 6.38/20'11⁴/_i (Oosterbeek, June 2).

SHOT PUT

1. NADYEZHDA CHIZHOVA (SOVIET UNION)

18.03/59'1 ⁴ / _i	(1)	SU Ind Chmps	26/2
18.60/61'0 ⁴ / _i	(1)	Eur Ind Chmps	15/3
19.65/64'5 ⁴ / _i	(1)	Leselidze	17/5
18.86/61'10 ² / _i	(1)	Znamenski	2/7
19.17/62'10 ⁴ / _i	(1)	vs USA	24/7
18.89/61'11 ⁴ / _i	(1)	EC sf Buchest	2/8
19.42/63'8 ² / _i	(1)	EC final	22/8
19.51/64'0 ⁴ / _i	(1)	Universiade	5/9
19.15/62 ⁴ / ₁₀	(1)	SU Chmps	12/9
19.69/64'7 ⁴ / _i	(1)	vs GDR/Pol	27/9
18.64/61'1 ² / _i	(1)	Izvyestia Cup	9/10

An undefeated "easy" season for the veteran thrower who was over 19 meters (62'4) six times and over 18 meters (59') in every competition. According to her coach, Viktor Alexeyev, Nadyezhda worked primarily on technique during 1970 and will concentrate on strength work during the coming year. She now has passed Tamara Press in the number of plus 17 meter (55'9) throws with a score of 79-71. Chizhova leads the all-time ten-best record with an average of 19.738/64'9 and yet she did not throw that far even once in 1970! She downed Ivanova 8:0, Friedel 4:0 and Gummel 1:0 and had only one hard fight - against Friedel in Vienna. She was ranked 1st in 1969 and 1967, 3rd in 1968, and 2nd in 1966 and 1965.

2. ANTONINA IVANOVA (SOVIET UNION)

17.26/56'7 ² / _i	(4)	SU Ind Chmps	26/2
17.54/57'6 ² / _i	(6)	Eur Ind Chmps	15/3
18.27/59'11 ⁴ / _i	(2)	Leselidze	17/5
17.30/56'9 ⁴ / _i	(1)	Kusocinski	19/6
17.55/57'7	(3)	Znamenski Mem	2/7
18.12/59'5 ² / _i	(1)	Moscow	12/7
18.56/60'10 ⁴ / _i	(2)	vs USA	24/7
18.54/60'10	(1)	Moscow Chmps	20/8
18.80/61'8 ⁴ / _i	(2)	SU Chmps	12/9
18.94/62'1 ⁴ / _i	(2)	vs GDR/Pol	27/9
17.80/58'4 ⁴ / _i	(2)	Izvyestia Cup	9/10

Although Ivanova never won a major meet (outside of the Kusocinski Memorial), she is number two in the world. She easily won the "veteran of the year" title and is second only to Chizhova in spite of her 38 years. She had nine marks beyond the 18 meter mark (59'). She was little known until the middle of the last year, yet she made her first international appearance in 1958! Wife of an engineer and mother of a little girl, Antonina had to face many problems as a mechanical engineer herself, but her sincere love of track and field and the dedicated support of her husband, a former middle distance runner, made the miracle possible and now Antonina finds herself in this highest ranking. Her goal now is to be a member of the Soviet team and compete in the Olympic Games in Munich. Her only previous ranking was last year when she was placed 10th.

WORLD RANKINGS (Continued)

3. MARGITTA GUMMEL (EAST GERMANY)

18.25/59'10½	(1)	Leipzig	9/9
18.59/61'0	(1)	vs Bul/Fin	15/9
18.74/61'5½	(1)	GDR Team Chmps	19/9
18.30/60'0½	(3)	vs SU/Pol	27/9

4. HANNELORE FRIEDEL (EAST GERMANY)

17.68/58'0i	(1)	GDR Ind Chmps	15/2
17.55/57'7i	(1)	Dynamo Inv	1/3
18.39/60'4i	(2)	Eur Ind Chmps	15/3
17.84/58'6½	(3)	GDR Chmps	4/7
18.63/61'1½	(1)	Berlin	1/8
18.01/59'1	(2)	EC final	22/8
17.84/58'6½	(2)	Universiade	5/9
17.98/59'0	(2)	GDR Team Chmps	19/9
17.56/57'7½	(4)	vs SU/Pol	27/9

5. IRINA SOLONTSOVA (SOVIET UNION)

18.15/59'6½i	(1)	Voroshilovgr	7/2
17.93/58'10i	(2)	SU Ind Chmps	26/2
17.99/59'0¼i	(4)	Eur Ind Chmps	15/3
17.60/57'9	(2)	Narodna	30/5
17.52/57'5½	(4)	Znamenski Mem	2/7
18.10/59'4½	(1)	Kiev	14/8
18.18/59'7½	(2)	Moscow Chmps	20/8
17.84/58'6½	(4)	SU Chmps	12/9
17.95/58'10½	(2)	Cochi meet	4/10

After illness and injuries in early season, the Olympic champion came to the 1970 track wars late in the year and competed only four times whipping Friedel 2:0, Lange, Friedrich and Khristova all 1:0 - but losing to the Soviets. Margitta was ranked 2nd last year, 1st in 1968, 2nd in 1967, 6th in 1966 and 1965, 5th in 1964, 4th in 1963 and 8th in 1962.

Hannelore made her first starts as a discus thrower winning the European Junior Championships back in 1966 at Odessa. Thereafter, she developed an interest in the shot and her improvement since last season where she had a best of 16.79/55'1 is impressive. She collected second places in two big meetings, (European Indoor Championships and the European Cup final), and beat Solontsova and Khristova 1:0, Lange 4:1, Friedrich 6:0 and was over 18 meters four times. She has never been ranked before.

Included in the experimental team of Gavriil Korobkov, (formerly head coach of the SU team), Laboratory of Sports Performances, the veteran Soviet specialist showed no great progress over last season although she slightly improved her 1969 ranking place. The 37 year old Irina won the Moscow "oblast" (district) championship, a sort of USSR second string parade, but did not place at either Znamenski or at the SU Championships. She beat Khristova 2:1 and was even with Korablyeva, Lange and Nyekrasova. Solontsova was ranked 6th last year, 9th in 1968 and 10th in 1967.



LANGE
(Tony Duffy)



FRIEDRICH
(Tony Duffy)



FUCHS



BERENDONK
(Krieger)



WESTERMANN

6. MARITTA LANGE (EAST GERMANY)

17.10/56'1¼i	(3)	GDR Ind Chmps	15/2
17.33/56'10¼i	(3)	SU Ind Chmps	26/2
18.08/59'3¼i	(1)	Dynamo Inv	1/3
18.09/59'4¼i	(3)	Eur Ind Chmps	15/3
17.42/57'1¾	(2)	Olympic Day	17/6
18.08/59'3¾	(1)	GDR Chmps	4/7
18.07/59'3½	(1)	vs GB	11/7
17.68/58'0	(1)	EC sf Berlin	2/8
17.27/56'8	(4)	GDR Team Chmps	19/9

The short hand/typist from Halle won the GDR title, beat Korablyeva 1:0, Boy 2:1, Friedrich 4:1 and tied with Khristova 1:1. She now has 10 marks past the 18 meter barrier - but this was the weakest season of her last three years. She was ranked 3rd in 1969 and 1968, 4th in 1967 and 1966 and 7th in 1965.

7. YELENA KORABLYEVA (SOVIET UNION)

16.11/52'10¼i	(5)	SU Ind Chmps	26/2
17.31/56'9¼	(1)	Leningrad	24/5
17.25/56'7¼	(5)	Znamenski Mem	2/7
18.00/59'0¼	(2)	Moscow	12/7
18.09/59'4¼	(1)	Moscow	15/7
17.82/58'5½	(3)	vs USA	24/7
17.87/58'7½	(3)	SU Chmps	12/9
18.21/59'9	(1)	Sochi Meet	4/10

Yelena Dyenisova-Korablyeva was 30 year old when the season began and the world statisticians duly noted she ranked 42nd place on the world all time list with an undistinguished mark of 16.05/52'8. But shot putting is a good hunting ground for mothers and ladies in the fourth decade of their life as is shown by the average age of this year's top ten ranking - 30 years and 10 months as of December 1970 - the oldest event of all. Korablyeva had three 18m-plus marks, and her longest came at Sochi Eastern Countries Inter-Army meet where she beat Solontsova, Khristova and Chewinska. This is her first ranking.

8. IVANKA KHRISTOVA (BULGARIA)

17.38/57'8¼i	(5)	Eur Ind Chmps	15/3
17.84/58'6½	(1)	Nar mladezh	30/5
17.64/57'10½	(1)	vs Poland	14/6
17.89/58'8¼	(1)	Olympic Day	17/6
18.05/59'2¼	(1)	Sofia	24/7
17.99/59'0¼	(1)	Sofia	24/5
17.37/57'0	(1)	EC sf Herford	2/8
17.82/58'5½	(1)	Balkan Games	15/8
17.09/56'0¼	(2)	vs GDR/Fin	15/9
17.20/56'5¼	(3)	Sochi Meet	4/10

The Bulgarian veteran is the only ranked shot putter not from East Germany or the Soviet Union. She had a good win at Olympic Day in tough competition and had 17 marks over the 17 meter mark - a score which exactly equalled all the 17m+ marks for her entire career. She was ranked 4th last year, 6th in 1968 and 5th in 1967.

9. INGE FRIEDRICH (EAST GERMANY)

17.30/56'9¼	(4)	Dynamo Inv	1/3
17.95/58'10%	(2)	GDR Chmps	4/7
17.45/57'3	(2)	vs GB	11/7
18.12/59'5½	(2)	Berlin	1/8
17.95/58'10%	(1)	Jena	6/8
17.03/55'10½	(3)	Universiade	5/9
17.59/57'8½	(3)	GDR Team Chmps	19/9

Unfortunately Inge must be the East German's fourth stringer in spite of a season best of 18.12/59'5½. Because of this, (being only her country's fourth best), she had little opportunity to compete outside her own nation in international competition except for the Universiade where she came third. She clearly dominated the second group of GDR's shot putters. She was ranked 7th last year and 10th in 1968.

10. GALINA NYEKRASOVA (SOVIET UNION)

16.99/55'9i	(5)	SU Ind Chmps	26/2
17.32/56'10	(3)	Dynamo Inv	1/3
17.90/58'8%	(2)	Znamenski Mem	2/7
17.42/57'1¾	(3)	Moscow	12/7
17.35/56'11	(4)	vs USA	24/7
17.38/57'0%	(1)	Chelyzbinsk	9/8

Weaker than in 1969, her second place at the Znamenski Memorial was the only highlight of the season for yet another Soviet veteran. She tied with Solontsova and Korablyeva 1:1 and outscored Adams and Chevinska by 1:0. She was ranked 9th last year.

11. LUDWIKA CHEWINSKA (POLAND). Best mark 17.44/57'2¾ (Bydgoszcz, May 17); won vs Hun/Cze (17.08/56'5).

12. RENATE BOY (EAST GERMANY). Best mark 17.40/57'1i (2nd, GDR Indoor Championships).

13. MAIANNE ADAM (EAST GERMANY). Best mark by Marianne 17.60/57'9 (Rostock, July 18).

14. MARLENE FUCHS (WEST GERMANY). Best mark 17.25/56'7¼ (1st, GFR Chmps).

15. (Tie) GISELA KOLB (EAST GERMANY). Best mark 16.92/55'6½ (Leipzig, June 30).

15. (Tie) ELS VAN NOORDUYN (HOLLAND). Best mark 17.01 (2nd, European Cups semifinal at Berlin); won vs France (16.94/55'7).

15. (Tie) RAISA TARANDA (SOVIET UNION). Best mark 17.48/57'4¼; 5th Soviet Championships 16.91/55'5%.

18. GALINA SIDYELNIKOVA (SOVIET UNION). Best mark 16.60/54'5½ (7th, Znamenski Memorial).

19. (Tie) JUDIT BOGNAR (HUNGARY). Best mark 16.33/53'7 (2nd vs Poland/Czechoslovakia).

19. (Tie) GABRIELLE MORITZ (EAST GERMANY). Best mark 16.91/55'5% (1st European Junior Championships).

DISCUS THROW

1. KARIN ILLGEN (EAST GERMANY)

56.80/186'4	(2)	Leipzig	23/5
58.86/193'1	(1)	Olympic Day	17/6
57.04/187'1	(3)	GDR Chmps	5/7
59.52/195'3	(2)	vs GB	10/7
63.66/208'10	(1)	Leipzig	27/7
63.18/207'3	(1)	Berlin	29/7
61.86/202'11	(1)	Berlin	1/8
61.60/202'1	(1)	EC final	22/8
63.54/208'5	(1)	Berlin	31/8
62.04/203'6	(1)	Universiade	3/9
60.42/198'2	(1)	vs Fin/Bul	13/9
56.10/184'0	(1)	GDR Team Chmps	19/9

A nearly perfect year for the language student from Leipzig, Karin had 10 throws beyond the 60 meter mark (about 197'). The best prospect from Karl Bauersfeld's throwing school, Illgen recorded the second, third and fourth longest throws in history. Three splendid wins at Olympic Day, European Cup final and the Universiade highlighted her season. In spite of her dominance over the rest of the throwers, nearly all of her competitions were fiercely contested and her winning throws usually did not come until her fifth or sixth trial. She scored 1:0 over Danilova, 2:0 over Westermann, 6:3 against Hinzmann, 5:1 over Mickler and a whopping 10:0 against Spielberg. Karin was ranked 3rd last year and 3rd in 1968 and 2nd in 1967.

2. FAYNA MYELNIK (SOVIET UNION)

53.04/174'0	(6)	Sochi	29/4
52.08/170'10	(2)	Riga Cup	5/6
54.70/179'5	(6)	Znamenski Mem	3/7
57.96/190'2	(1)	vs USA	23/7
58.16/190'9	(1)	Moscow	30/8
58.24/190'9	(1)	SU Chmps	13/9
61.80/202'9	(1)	vs GDR/Pol	26/9
58.84/193'0	(1)	Sochi	5/10
59.46/195'1	(1)	Izvestia Cup	9/10
58.16/190'9	(1)	Alughta	29/10

Another of the 1970 newcomers, Fayna came from nowhere to earn the number two ranking in the world. Last year the 25 year old from Yerevan had a best throw of 54.76/179'8 made in a local meet. In spite of the fact she had only one throw over 60 meters this year, (made at Erfurt from a rain soaked circle), she won more major honors than any other thrower except Illgen such as against the USA, the Erfurt triangular against East Germany and Poland and the Soviet Championships. She began track at age 20 and was inspired by the example of Tamara Press. At the end of her first year she had a good mark of 49.30/161'9. Now, after years of hard work and diligence, she has reaped the reward of it all and had scores of 4:2 over Danilova, 1:0 against Mickler and Spielberg and 2:2 with Solontsova. This is her first ranking.

3. LIESEL WESTERMANN (WEST GERMANY)

62.02/203'5	(1)	Barcelona	26/5
59.12/193'11	(1)	Istaf	4/7
59.92/196'7	(1)	vs USA	15/7
59.08/193'10	(1)	Munich	12/7
58.38/191'6	(1)	EC sf Herford	2/8
57.20/187'8	(1)	GFR Chmps	9/8
60.41/198'2	(1)	Cologne Inv	11/8
61.44/201'7	(2)	EC final	22/8
56.46/185'3	(3)	Universiade	3/9

Unable to have her usual winter training background, the world record holder was not up to her 1968-1969 standard losing some big competitions such as the European Cup Final (very close) and the Universiade. In spite of this, she improved on her 60 meter plus throws to bring her total to 24, eight more than her closest rival, Illgen. She outscored Danilova 1:0, Manoliu 3:0 and 6:2 over Berendonk. She is the only "western" athlete in the top ten. Was ranked 1st last year and first in 1967, second in 1968 and 1966.

4. ANNA MICKLER (EAST GERMANY)

55.78/183'0	(5)	Olympic Day	17/6
58.34/191'5	(1)	GDR Chmps	5/7
56.20/184'4	(4)	Berlin	1/8
56.70/186'0	(1)	EC sf Berlin	2/8
57.32/188'0	(1)	Halle	12/8
55.46/181'11	(2)	vs Fin/Bul	13/9
55.84/183'2	(2)	GDR Team Chmps	19/9
58.52/192'0	(2)	vs SU/Pol	26/9

Perhaps a surprising choice, we understand, but her national title and her 2nd place at Erfurt in the big triangular with Poland and the Soviet Union plus her good scores against Danilova (1:0), Hinzmann (1:1) and Spielberg (3:3), along with her losses to Abahazi and Muravyeva at 0:1 only, qualified her for fourth place in strict ranking terms. She has never been ranked before.

WORLD RANKINGS (Continued)



MURAVYEVA



MANOLIU
(Peter Tempest)



HINZMANN
(Tony Duffy)



ILLGEN
(Tony Duffy)



SPIELBERG
(Fionnbar Callanan)

5. TAMARA DANILOVA (SOVIET UNION)

56.22/184'5	(2)	Leselidze	25/5
56.00/183'8	(1)	Riga Cup	5/6
59.70/195'10	(1)	Podolsk	27/6
59.20/194'2	(1)	Znamenski Mem	3/7
56.36/184'11	(3)	vs USA	23/7
57.18/187'7	(3)	Moscow	26/7
62.54/205'2	(1)	EC sf Buchrst	2/8
57.84/189'9	(3)	EC final	22/8
57.98/190'2	(2)	SU Chmps	13/9
60.66/199'0	(1)	Minsk	22/9
57.22/187'8	(4)	vs GDR/Pol	26/9
57.42/188'4	(2)	Izvyestia Cup	9/10
58.50/191'11	(2)	Profsoyuzi Ch	20/10

6. IRINA SOLONTSOVA (SOVIET UNION)

60.70/199'1	(1)	Leselidze	20/4
54.88/180'0	(3)	Sochi	29/4
58.10/190'7	(1)	Leselidze	25/5
57.36/188'2	(1)	Nar mladezh	30/5
56.44/185'2	(2)	Znamenski Mem	3/7
56.00/183'8	(1)	Budapest	6/7
56.64/185'10	(2)	vs USA	23/7
57.84/189'9	(1)	Moscow	26/7
59.08/193'10	(1)	Kiev	15/8
59.50/195'2	(2)	Moscow Chmps	21/8
54.98/180'4	(7)	SU Chmps	13/9
55.94/183'6	(2)	Sochi	3/10

7. GABRIELLE HINZMANN (EAST GERMANY)

58.30/191'3	(1)	Leipzig	23/5
57.98/190'2	(2)	GDR Chmps	5/7
61.26/200'11	(1)	vs GB	10/7
59.56/195'5	(2)	Leipzig	27/7
57.02/187'1	(3)	Berlin	29/7
59.12/193'11	(2)	Leipzig	30/6
52.88/173'6	(1)	UISP Milan	8/9

8. CHRISTA SPIELBERG (EAST GERMANY)

57.96/190'2	(2)	Olympic Day	17/6
55.96/183'7	(4)	GDR Chmps	5/7
58.94/193'4	(3)	Leipzig	27/7
60.56/198'8	(2)	Berlin	29/7
61.46/201'7	(2)	Berlin	1/8
55.84/183'2	(4)	Universiade	3/9
57.46/188'6	(3)	vs SU/Pol	26/9

9. LIA MANOLIU (ROMANIA)

56.74/186'2	(1)	Rosicky Mem	23/6
57.92/190'0	(2)	Istaf	4/7
58.62/192'4	(2)	Munich	12/7
56.42/185'1	(2)	EC sf Buchrst	2/8
56.36/184'11	(1)	vs USA	5/8
54.30/178'1	(3)	Cologne Inv	11/8
56.00/183'8	(2)	Balkan Games	14/8
59.48/195'1	(1)	Rum Nat Chmps	29/8
58.44/191'9	(1)	Rum Int Chmps	12/9
58.42/191'8	(1)	vs GB/Hun	19/9
55.30/181'5	(2)	vs Poland	4/10
56.67/185'11	(1)	Aniversario	31/10

The reigning European champion was able to win the Znamenski Memorial, but could not score a single victory against the German throwers, East or West. She also had some negative scores such as 2:3 vs Solontsova and 2:4 against Myelnik. Her excellent new Soviet record at the European Cup semi-final in Bucharest - which had a great influence on this ranking position - was a clear example of the importance of wind in this event. Her positive scores of 2:1 over both Ivanova and Muravyeva were the final determining points in deciding this ranking. Tamara was ranked second last year.

The Korobkov pupil was unable to confirm in actual competition some fantastic marks she was reported to have done in early season practice. After beating Tamara Press' Soviet record, she won only one major event in July (at Budapest) although she did win the post-USA match in Moscow and was second at the Znamenski Memorial. She defeated Muravyeva 3:2, Kleiber and Khmelevskaya 2:1 and Ivanova 2:0. She was never ranked in the past.

Something seems to be missing in the GDR talent who is often beaten in the big meetings in spite of long throws in easier competitions. Gabrielle erased another of Tamara Press' records when she set an all comers record winning against Great Britain in England, but it was only her 2:1 score over Spielberg that finally decided this position in the ranking. She was ranked 7th last year.

The former world record holder and the 1966 European Champion twice threw beyond the 60m mark, a performance she had done only once prior to this season. She fought hard in all her competitions and in most of them took the lead with fine early throws, but in the end she never won in the big competitions. Her 1:0 over Muravyeva is important in securing this ranking spot, but she also lost to Berendonk 0:1. Christa was ranked first in 1966, 7th in 1967.

The really shocking fact is that Lia, the reigning Olympic champion, now 38 years of age, and senior among all ranked throwers, is still improving on her own record each year while aiming toward her sixth Olympic Games in 1972. Lia won the important competition with the Hungarians at Bucharest, but lost 0:3 to Westermann and had no direct clashes with the East Germans during the year. Despite losing the Balkan Games to teammate Ctarama, she beat her 8:4 throughout the season and also had a 3:1 lead over Berendonk. Manoliu was ranked 5th last year, 1st in 1968, 4th in 1964, 10th in 1963 and 6th in 1962 and 1960.

10. LYUDMILA MURAVYEVA (SOVIET UNION)

57.96/190'2	(2)	Leselidze	20/4
56.00/183'8	(4)	Olympic Day	17/6
55.06/180'7	(4)	Znamenski Mem	3/7
57.42/188'4	(2)	Moscow	26/7
61.32/201'2	(1)	Moscow Chmps	21/8
57.80/189'7	(3)	Moscow	30/8
57.10/187'4	(3)	SU Chmps	13/9
60.88/199'9	(1)	Moscow	30/9
55.34/181'6	(3)	Izvestia Cup	9/10

Lyudmila was the Soviet champion in 1967, 1968 and 1969, but found the competition mighty rough in 1970 and had to settle for third in what must be ranked as one of the Russian's strongest events. She had her personal lifetime best in winning the Moscow Championship, the only domestic meet she was able to win during the year. She was 3:1 over Ivanova. Last year she was ranked 4th, she was also 4th in 1967 and 9th in 1968.

11. (Tie) OLIMPIA CATARAMA (RUMANIA). Best mark 58.26/191'1 (1st vs GB/Hungary).

11. (Tie) BRIGITTE BERENDONK (WEST GERMANY). Best mark 58.10/190'7 (Schwetingen, Sept 13); 2nd Universiade (56.78/186'3).

13. (Tie) ANTONINA IVANOVA (SOVIET UNION). Best mark 59.50/195'2 (1st Profsoyuzi Championships).

13. (Tie) JOLAN KLEIBER (HUNGARY). Best mark 60.00/196'10 (Budapest, July 26); won Sochi meet (57.58/188'11).

15. (Tie) LYUDMILA KHMELEVSKAYA (SOVIET UNION). Best mark 57.02/187'1 (Sochi, April 1); 3rd Znamenski (56.12/184'1).

15. (Tie) NADYEZHDA TATARINTSYEVA (SOVIET UNION). Best mark 55.72/182'9 (5th Soviet Championships).

17. (Tie) JUDIT ABAHAZI (HUNGARY). Best mark 57.10/187'4 (3rd Olympic Day).

17. (Tie) VASILKA STOYEVA (BULGARIA). Best mark 56.02/183'9 (3rd Sochi, October 5).

17. (Tie) ARGENTINA MENIS (RUMANIA). Best mark 55.14/180'11 (3rd Rumanian Int Championships).

17. (Tie) NELLI SIVOPLYASOVA (SOVIET UNION). Best mark 57.04/187'1 (Volgograd, June 22).

JAVELIN THROW

1. DANIELA JAWORSKA (POLAND)

54.70/179'5	(1)	Gyula	6/6
57.14/187'5	(1)	Kusocinski	19/6
57.02/187'1	(1)	vs Bulgaria	14/6
58.22/191'0	(1)	vs Hun/Cze	27/6
3 fouls	(-)	Znamenski Mem	2/7
52.40/171'11	(1)	EC sf Buchrst	2/8
57.34/188'1	(1)	Polish Chmps	9/8
55.90/183'4	(2)	EC final	22/8
60.36/198'0	(1)	Budapest	23/8
56.16/184'3	(1)	Universiade	6/9
57.72/189'4	(2)	vs GB	12/9
59.14/194'0	(2)	vs SU/GDR	26/9
61.44/201'7	(1)	vs Rumania	3/10
60.56/198'8	(1)	Pol Team Chmps	10/10

This was Daniela's best season marred only by the forced absence of her major opponent Ranky. Even her three fouls at Znamenski could not diminish her success for one must always remember this is a very erratic event and with this in mind even more honors go to Jaworska for such a high standard. Her wins at the Warsaw Triangular, the Universiade and the Polish Championships well compensated a second place at the European Cup final. It is interesting to note that her Turin win was her 50th (!) throw beyond 55 meters (about 180') - the second best-ever is by Ozolina who amassed only 29 such marks. She beat Koloska 2:0, Vidos 4:0, Saulite 3:1 and Gryziecka 5:2 - tied with Fuchs 2:2. Daniela was ranked 2nd last year, 3rd in 1968 and 1st in 1967.

2. RUTH FUCHS (EAST GERMANY)

47.26/155'0	(7)	Nepszava Cup	14/6
56.78/186'3	(1)	GDR Chmps	3/7
57.90/189'11	(1)	vs GB	11/7
55.96/183'7	(1)	EC sf Berlin	2/8
57.76/189'6	(1)	Jena	6/8
60.60/198'9	(1)	EC final	22/8
56.26/184'7	(1)	vs Fin/Bul	15/9
53.44/175'4	(1)	GDR Team Chmps	19/9
56.06/183'11	(3)	vs Pol/SU	26/9

The 24 year old technical drafts woman from Egelin has finally found a spot at the top after changing trainers (coach) four times - her present coach is Karl Hellmann from Jena. Although she had only three marks beyond the 57m point during the season, she managed to win the European Cup final and the GDR Championships as well as the dual against Great Britain. Fuchs still considers the sport as one of her hobbies while she completes her paedagogy studies. She had scores of 2:0 against Saulite, 1:0 over Koloska and Marakina, and was 1:1 with Jaworska and Vidos along with a 0:1 loss to Komissar, Evyert, Gryziecka and Rudas. She has never been ranked so high before with only a 7th in 1967 as her previous accomplishment.

3. EWA GRYZIECKA (POLAND)

53.94/176'11	(2)	Kusocinski	19/6
54.16/177'8	(3)	vs Hun/Cze	27/6
56.72/186'1	(2)	Polish Chmps	9/8
58.40/191'7	(1)	vs GB	12/9
59.48/195'1	(1)	vs GDR/SU	26/9
59.12/193'11	(2)	vs Rumania	3/10
58.70/192'7	(1)	Ostrowiec	10/10
56.56/185'6	(1)	Aniversario	1/11

Ranked 116th on the world all-time list at the end of 1969 with a mediocre 52.30/171'7, this talent from Gliwice not only improved her best by 23 feet in just one season, but was also able to do her best in the toughest circumstances winning the Erfurt Triangular against the Soviet Union and East Germany (where she beat Fuchs, Saulite and Marakina). During the season she bettered her personal best six times. Her only black mark a 0:1 against Vidos. Previously unranked.

4. PETRA RIVERS (AUSTRALIA)

53.90/176'10	(1)	Melbourne	21/2
54.03/177'3	(1)	Aus Chmps	14/3
52.00/170'7	(1)	Com Games	25/7
61.77/202'8	(1)	Melbourne	17/10
55.01/180'5	(1)	Melbourne	14/11

The talented Latvian born Australian caused a general sensation with her throw of 61.77/202'8 mark at the opening of the 1970/71 Australian season and showed her great potential, but ranking merits are another thing. The fact remains that Petra had no opportunity to show her talent against world class throwers outside of Urbancic and her Commonwealth Games title was practically a "no contest". She has not been ranked previously.

WORLD RANKINGS (Continued)

5. MARA SAULITE (SOVIET UNION)

50.80/166'8	(7)	Sochi	29/4
56.74/186'2	(1)	Ogre	27/5
55.22/181'2	(1)	Riga Cup	4/6
53.44/175'4	(3)	Nepszava Cup	14/6
52.30/171'7	(5)	Znamenski Mem	2/7
55.08/180'8	(1)	vs USA	23/7
49.54/162'5	(2)	EC sf Buchrst	2/8
54.52/178'10	(3)	EC final	22/8
56.34/184'10	(1)	SU Chmps	14/9
55.46/181'11	(4)	vs GDR/Pol	26/9
52.82/173'3	(2)	Izvyestia Cup	9/10
56.26/184'7	(1)	SU Army Chmps	21/10

6. MARIA MOSKALYENKO (SOVIET UNION)

59.34/194'8	(1)	Sochi	29/4
52.44/172'0	(4)	Riga Cup	4/6
51.40/168'7	(6)	Znamenski Mem	2/7
54.16/177'8	(1)	Beya	9/8
51.52/169'0	(1)	Kiev	16/8
51.34/168'5	(5)	SU Chmps	14/9
52.66/172'9	(2)	Sochi	4/10
56.32/184'9	(1)	Izvyestia Cup	9/10

7. VALYENTINA EYVERT (SOVIET UNION)

54.62/179'2	(1)	Sochi	1/4
53.54/175'8	(4)	Sochi	29/4
54.54/178'11	(1)	Nepszava Cup	14/6
52.98/173'9	(2)	Znamenski Mem	2/7
53.30/174'10	(2)	vs USA	23/7
50.00/164'0	(3)	Universiade	6/9
48.14/157'11	(11)	SU Chmps	14/9

Without a doubt the best javelin specialists of the Soviet Union with first places at the Soviet Championships and against the USA, the 28 year old Latvian still had no long throws to count on and even lost to Evert 2:3, but she showed more consistency in international appearances and collected good scores against Vidos and Koloska (1:0), Marakina (4:1) and Moskalyenko (3:2) and had five marks between 55.08/180'8 and 56.34/184'10. She is another newcomer to the ranking list, this being her first ranking position.

Maria won the first (Soci) and the last (Izvyestia Cup) major Soviet domestic meets in an event where the SU has more class competitors than the rest of the world combined. The 30 year old world class athlete scored 3:1 over Evert and Marakina and also 2:1 over Kalediene. In spite of these successes, she was not immune from being badly beaten at times in this erratic event. She was ranked fourth in 1967.

The European bronze medalist at the last championships in Athens, ranks only around 20th place in this years world list, but her usual competitive spirit credited her a better place in the rankings. Valyentina won only one major meet abroad, the Nepszava Cup, but scored important wins in several domestic competitions and was a good third at the Universiade. At Nepszava Cup she defeated Vidos and Fuchs, tying with the former 1:1 for the season as well as with Komissar at 2:2. She was ranked 5th last year.



RIVERS
(Ed Lacey)



KOLOSKA



JAWORSKA



PETERS



TIKHOMIROVA

8. MAGDOLINA VIDOS (HUNGARY)

59.18/194'2	(1)	Budapest	9/5
51.96/170'5	(2)	Gyula	6/6
53.76/176'4	(2)	Nepszava Cup	14/6
56.92/186'9	(2)	vs Pol/Cze	27/6
54.50/178'9	(1)	Hung Chmps	9/8
55.74/182'10	(1)	EC sf Herford	2/8
53.44/175'4	(4)	EC final	22/8
50.60/166'0	(2)	Universiade	6/9
53.40/175'2	(2)	vs Rum/GB	18/9
57.58/188'11	(1)	Budapest	7/10

9. EVA JANKO (AUSTRIA)

52.62/172'7	(1)	Aut Chmps	24/7
56.36/184'11	(1)	Kassel	15/8
56.31/184'9	(1)	vs Denmark	23/8
52.00/170'7	(1)	vs Ita/Swi	20/9
51.00/167'4	(1)	Barcelona	26/9
57.49/188'7	(1)	Vienna	11/10

10. VYERA KOMISSAR (SOVIET UNION)

51.72/169'8	(1)	Nalchik	6/4
51.78/169'10	(4)	Nepszava Cup	14/6
54.56/179'0	(1)	Znamenski Mem	2/7
48.94/160'6	(5)	vs USA	23/7

Her season's opener was terrific, but Magdolina was unable to keep performing at that level although she had eight throws beyond the 55m mark. The Hungarian champion was runner-up both against Rumania/Great Britain and at the Universiade, but was well under her 1969 honors. However, she was still above those who follow her in the rankings with 2:0 over Koloska and 1:0 over Komissar. Plus 4:1 over Rudas. Vidos was ranked in fourth spot last year.

Third at the Mexico Olympics, the Austrian spearthrower took time out to have a child and made her comeback in July. She was undefeated during the year but did not have any international tests against the top elite. She had three throws beyond 56m and with her unbeaten record she must be ranked - but how high? Ranked fourth in 1968.

Vyera has always performed well in the cold and in the unpublicized meets, but now the former Miss Savyenkova gained a national reputation this year as she won the Znamenski Memorial and the national title. Her form was erratic elsewhere, however. She was injured from August and unable to compete. She was ranked 9th last year.

WORLD RANKINGS (Continued)

11. KATHY SCHMIDT (UNITED STATES). Best mark 58.37/191'6 (Los Angeles, March 14); injured, unable to compete.
12. (Tie) AMELI KOLOSKA (WEST GERMANY). Best mark 56.28/184'7 (Haiger, Sep 20); won vs USA (54.44/178'7); GFR Champ (180'11).
12. (Tie) NINA MARAKINA (SOVIET UNION). Best mark 55.88/183'4 (1st Profsoyuzi Chmps).
12. (Tie) ALEXANDRA SADOVNICHAYA (SOVIET UNION). Best mark 54.38/178'5 (Kharkov, Aug 10); 3rd SU Chmps (52.90/173'6).
15. NATASHA URBANCIC (YUGOSLAVIA). Best mark 56.31/184'9 (Melbourne Dec 18); 2nd Aus Chmps (53.57/175'9).
16. (Tie) BIRUTE KALEDIENE (SOVIET UNION). Best mark 56.10/184'0 (Vilnius, May 10).
16. (Tie) MARTA RUDAS (HUNGARY). Best mark 55.06/180'7 (Budapest, Oct 10); won vs Rum/GB (53.90/176'10).
16. (Tie) CHRISTINE SCHMIDT (EAST GERMANY). Best mark 53.90/176'10 (2nd GDR Chmps).
16. (Tie) JACQUELINE TODTEN (EAST GERMANY). Best mark 55.20/181'1 (1st European Junior Championships).
20. JADVIGA PUTINIENE (SOVIET UNION). Best mark 56.90/186'8 (Vilnius, Aug 21).

PENTATHLON

1. BURGLINDE POLLAK (EAST GERMANY)

5089	(1)	Sofia	24/5
5131	(1)	Schielleiten	7/6
5085	(1)	vs SU	28/6
5241	(1)	Berlin	1/8
5406	(1)	WR, GDR Chmps	6/9

Something prevented the great talent of Burglinde Pollak, a girl from the small town of Altploetzin in Mecklenburg, from being recognized as it should have been. Perhaps it was the amazing performances of others such as Chi Cheng and Rosendahl which were more popular. However, the 19 year old girl should be awarded the title of "surprise of the year. She had a high last year of 4834, but in 1970 she was over 5000 points in every pentathlon she attempted. In an unofficial test shortly before her world record, she completed all five events in 90 minutes and scored more points than the then existing world record! She also has a 54.8 400m to her credit, likes the long jump and 200 and hates the shot. Don't ALL pentathletes hate the shot? Her prediction for Munich? It will take more than 5600 for the gold. Best pentathlon marks: 13.3 - 15.57/51'1 - 1.75/5'8 $\frac{1}{2}$ - 6.20/20'4 - 23.8. Previously unranked.

2. HEIDE ROSENDAHL (WEST GERMANY)

5123	(1)	Schwetzingen	14/6
5399	(1)	GFR Chmps	13/9

Contrary to Pollak, she will have to chose between the long jump and the pentathlon for the European Championships at Helsinki next year. Heide competed in only two pentathlons during the year, winning both and missing Pollak's world record by only 7 points at the GFR Championships partially due to some misunderstanding of the hand timing for the 200 meters race. Heide's weak event, the shot, still puts her below the East German girl although her other four events are outstanding. Best pentathlon marks: 13.1 - 13.33/43'8 $\frac{1}{2}$ - 1.70/5'7 - 6.56/21'6 $\frac{1}{2}$ - 23.1. Ranked 2nd last year and 1st in 1968.

3. MARY PETERS (GREAT BRITAIN)

5051	(1)	Nelfast	7/6
4992	(1)	vs Hol/Bel	14/6
4841	(1)	WAAA Chmps	27/6
5148	(1)	Comm Gms	22/7

Unbeaten in the four competitions she entered and winner of the Commonwealth Games title, Mary Peters at last completed a full season after many years of troubles with Northern Ireland's Federation. Her unusual SP/hurdles combination (16.13/52'11 and 13.6) was unheard of previously in women's competition. Best pentathlon marks: 13.6 - 16.13/52'11 - 1.67/5'5 $\frac{1}{2}$ - 5.73/18'9 $\frac{1}{2}$ - 24.3w.

4. VALYENTINA TIKHOMIROVA (SOVIET UNION)

4876	(1)	Nalchik	31/5
4952	(2)	vs GDR	28/6
5121	(1)	Rostov	4/8
5092	(1)	vs GFR	16/8
5095	(1)	SU Chmps	14/9

The 30 year old bespectacled school teacher won against GFR and lost against GDR and won the Soviet title in one of her best seasons ever since Budapest in 1966. She now has 24 pentathlons over the 4700 point mark, a world best as compared with Irina Press' total of 17. After much technical training she showed improvement in the hurdles and the long jump where she was this year among the leading SU specialists. She also was finally over the 5000 point mark. Best pentathlon marks: 13.5 - 14.34/47'0 $\frac{1}{2}$ - 1.70/5'7 - 6.29/20'7 $\frac{1}{2}$ - 24.4. Ranked 5th last year and 5th in 1968, 2nd in 1967 and 1966, fourth in 1965.

5. INGRID MICKLER (WEST GERMANY)

5283	(2)	GFR Chmps	13/9
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Only one pentathlon during the year, but the 1968 Olympic champion made it a good one as she threatened Rosendahl mainly with her background of sprinting and long jumping. She has great reserve yet in the hurdles and shot and could easily be THE pentathlonist of 1971 - (and '72?). Best pentathlon marks: 13.5 - 12.97/42'6 $\frac{1}{2}$ - 1.70/5'7 - 6.51/21'4 $\frac{1}{2}$ - 23.3. Ranked 2nd in 1968, 6th in 64, 8th in 64 and 5th in 1967.

6. MARGIT HERBST (EAST GERMANY)

4989	(1)	Magdeburg	10/5
4883	(1)	Erfurt	24/5
5141	(1)	Magdeburg	7/6
5215	(2)	GDR Chmps	6/9

Last year Margit had a lifetime best of only 4599 points. In 1970 the Magdeburg student showed a big potential in early season trials and had a scintillating duel with Pollak in the GDR Championships when Pollak set the world record. Under ranking criterions, she must be ranked last of the very close group of Pollak's biggest contenders. Best pentathlon marks: 13.4w - 14.82/48'7 $\frac{1}{2}$ - 1.68/5'6 - 6.64/21'9 $\frac{1}{2}$ w - 24.2. Herbst was previously unranked in the pentathlon.

7. TATYANA KONDRASHOVA (SOVIET UNION)

4759	(2)	Nalchik	31/5
4929	(3)	vs GDR	28/6
5027	(2)	vs GFR	16/8
4884	(1)	Universiade	3/9
4730	(1)	Profsoyuzi	21/10

One of the few new talents emerging this season among last year's Soviet teenagers. The 20 year old Tatyana won the Universiade, overcoming Angelova in the final event, and accomplished a fine trio of wins at the SU Championships in the 200m, 100m and 4x100m relay. The Leningrad student also set the USSR 100m hurdle record (13.3) during the season and was consistent in the sprints as well. Her best pentathlon marks: 13.8 - 11.71/38'5 - 1.70/5'6 - 6.11/20'0 $\frac{1}{2}$ - 23.6. She had never been ranked in the pentathlon before.

8. NEDYALKA ANGELOVA (BULGARIA)

4907	(1)	Sofia	10/5
4780	(2)	Schielleiten	7/6
4886	(1)	Bulg Chmps	27/6
4920	(1)	Balkan Games	15/8
4859	(2)	Universiade	3/9

The Bulgarian prospect, in spite of not possessing much speed, maintained her nation's tradition in pentathloning gaining second place in both the Universiade and at Schielleiten where she defeated Sterk and Skolobanova, and winning the Balkan Games plus her own national title. Best pentathlon marks: 13.8 - 13.24/43'5 $\frac{1}{2}$ - 1.70/5'7 - 6.23/20'5 $\frac{1}{2}$ - 25.4. She was ranked 9th last year.

WORLD RANKINGS (Continued)

9. MIEKE STERK (HOLLAND)

4952	(2)	vs GB/Belg	14/6
4828	(3)	Universiade	3/9
4806	(1)	vs GFR	20/9

10. ANN S. WILSON (GREAT BRITAIN)

4921	(3)	vs Hol/Belg	14/6
5037	(2)	Comm Gms	22/7

Only 12th in the World List, the Netherland speedster, (a member of the Olympic sprint relay team), won against GFR and had three performances over the 4800 mark, and these were the deciding factors in her ranking position. She outscored van Beek 2:0, Wilson and Mack 1:0 to strengthen her ranking position. Best pentathlon marks: 13.5 - 11.88/38'11 $\frac{3}{4}$ - 1.66/5'5 $\frac{1}{2}$ - 6.08/19'11 $\frac{1}{2}$ - 23.9w. Previously unranked.

A full international since 1966 although she turned 21 only at the end of this year, Ann trained harder than ever this winter to get revenge for her exclusion from the GB team at the 1969 European Championships. Her reward came in the shape of personal bests set or equalled on 16 occasions this season! She added 400 points to her pentathlon score and outscored van Beek 1:0. Best pentathlon marks: 13.6w - 11.04/36'2 $\frac{3}{4}$ - 1.74/5'8 $\frac{1}{2}$ - 6.55/21'6 - 24.5w. Previously unranked.

11. JITKA BIRNBAUMOVA (CZECHOSLOVAKIA). Best mark 4868 (Copenhagen, June 21); won vs Pol/Hun (4860).

12. KAREN MACK (WEST GERMANY). Best mark 4939 (3rd vs SU).

13. MIEP VAN BEEK (HOLLAND). Best mark 4925 (1st Holland Championships).

14. (Tie) MONIKA PEIKERT (EAST GERMANY). Best mark 4772 (4th vs SU); won European Junior Chmps (4578).

14. (Tie) LYUDMILA SKOLOBANOVA (SOVIET UNION). Best mark 4793 (4th Universiade); won SU Jr Chmps (4770).

14. (Tie) CHRISTEL VOSS (WEST GERMANY). Best mark 4812 (4th vs SU).

17. (Tie) CORNELIA POPESCU (ROMANIA). Best mark 4762 (Bucharest, May 28); won vs Italy/France (4708).

17. (Tie) MARIA SYKORA (AUSTRIA). Best mark 4831 (Schielleiten, Oct. 18); won Austrian Chmps (4570).

19. (Tie) CORRIE BAKKER (HOLLAND). Best mark 4798 (3rd vs GFR).

19. (Tie) RYSZARDA RURKA (POLAND). Best mark 4760 (1st Polish Championships).

Which nation grabbed off the most places in the 1970 World Ranking? In the past we have had only the top 10 ranked, but now we have added 11-20, a sort of "second division". Taking into account only the top 10, the East Germans win the title, but adding the second 10 we come up with the Russians as the winners. We have listed them below and you can award the title of the top nation in the world to your interpretation of the statistics.

	TOP 10			SECOND 10			TOTAL		
	Track	Field	Total	Track	Field	Total	Track	Field	Total
1. USSR	2	16	18	4	17	21	6	33	39
2. GDR	12	14	26	4	8	12	16	22	38
3. GFR	7	6	13	6	6	12	13	12	25
4. GB	6	4	10	5	2	7	11	6	17
5. POL	2	3	5	6	4	10	8	7	15
6. USA	5	0	5	8	1	9	13	1	14
7. AUS	4	2	6	6	0	6	10	2	12
8. HOL	4	1	5	2	4	6	6	5	11
HUN	2	1	3	3	5	8	5	6	11
10. RUM	2	3	5	0	4	4	2	7	9
11. BUL	0	3	3	0	2	2	0	5	5
ROC	4	0	4	0	1	1	4	1	5
CZE	0	2	2	0	3	3	0	5	5
14. FRA	1	1	2	2	0	2	3	1	4
AUT	2	1	3	0	1	1	2	2	4
YUG	1	1	2	1	1	2	2	2	4
17. CUBA	1	0	1	2	0	2	3	0	3
S Afr	0	0	0	3	0	3	3	0	3
SWI	0	1	1	1	1	2	1	2	3
20. GHA	2	0	2	0	0	0	2	0	2
CAN	0	1	1	1	0	1	1	1	2
JAM	1	0	1	1	0	1	2	0	2
SWE	1	0	1	1	0	1	2	0	2
ITA	1	0	1	1	0	1	2	0	2
25. UGA	0	0	0	1	0	1	1	0	1
DEN	0	0	0	1	0	1	1	0	1
NOR	0	0	0	1	0	1	1	0	1



1971's FIRST INDOOR WORLD RECORDS go to (left to right), HEIDE ROSENDAHL, West Germany, with a new mark of 8.0 for the 60 meter hurdles and a record-equaling 6.5 for the 50 yard hurdles; England's MARGARET BEACHAM who broke Doris Brown's 1500 meter mark with a clocking of 4:20.5; and NADY EZHDA CHIZHOVA, Soviet Union, who improved her own shot put mark to 61'1. (Rosendahl photo by Fionnbar Callanan from "Athletics Weekly".)



Photo by Tony Duffy

LILLIAN BOARD 1949-1971

Munich, Germany, December 26:-Lillian Board, Golden Girl of British track, died here today from cancer at the age of 22 near the Olympic stadium where she had hoped to run in the 1972 Olympic Games. She lost her race against cancer after a six month battle.

The daughter of a London bricklayer was voted Britain's top sportswoman of 1970 but she was too weak to receive the citation.

The Cockney girl who was quick to smile even in defeat, narrowly missed a gold medal in the 400 meters at the 1968 Mexico City Olympics, settling for a silver after being edged by Colette Besson of France in the final yards.

The greatest victories in her short career came in the 1969 European Games in Athens where she won the 800 meters gold medal, anchored Britain to victory in the 1600m relay and was honored as the outstanding woman competitor.

Only last June, a month after her illness was diagnosed, she helped set a world record, running the last leg for the British 3200m women's relay to a record time of 8:28.7.

She was expected to reach new heights in her career at the Commonwealth Games in Edinburgh last July but illness prevented her from competing.

Miss Board, who learned of the nature of her illness only in early November, sought the aid of Dr. Josef Issels, the controversial exponent of "natural methods" of treating cancer, in a last ditch effort to overcome the disease.

"I want to get well again", she said at that time. "I trust Dr. Issels, and I want to run again."

She died in her sleep. Her parents, twin sister and her boy friend were with her when she died.

I won't forget her after she lost the Olympic final in Mexico. She just happened to be in the same resting room as Chi and I as we waited for the hurdles final. What do you say to a favorite who has just lost the Olympic gold medal? I needn't have worried. She came in, said "Hi", then "Good luck" - then I think she said "Dammit!". Then she smiled again. She was the Golden Girl.

ALL TIME TOP TEN from 'Athletisme'

100 Meters

- 11.0 Tyus, USA, 1968
- Chi Cheng, ROC, 1970
- Meissner, EG, 1970
- 11.1 Klobukowska, Pol, 1965
- Kirzenstein, Pol, 1965
- Samotessova, SU, 1968
- Bailes, USA, 1968
- Ferrell, USA, 1968
- Boyle, Aus, 1968

400 Meters

- 51.0 Neufville, Jam, 1970
- 51.2 Sin Kim Dan, NK, 1964
- 51.7 Duclos, Fra, 1969
- Besson, Fra, 1969
- 52.0 Cuthbert, Aus, 1964
- 52.1 Pollock, Aus, 1965
- Board, GB, 1968
- Hammond, USA, 1969
- 52.2 Chi Cheng, ROC, 1970
- 52.4 Frese, WG, 1970
- Brown, Aus, 1970

1500 Meters

- 4:10.7 Jehlickova, Cze, 1969
- 4:11.9 Gommers, Hol, 1969
- 4:12.0 Pigni, Ita, 1969
- 4:12.2 Burneleit, EG, 1970
- 4:13.0 Keizer, Hol, 1970
- Tittel, WG, 1970
- 4:13.2 Bragina, SU, 1969
- 4:13.4 Pangelova, SU, 1970
- 4:15.2 Kleinau, EG, 1969
- 4:15.4 Ridley, GB, 1969

High Jump

- 6'3 $\frac{3}{4}$ Balas, Rum, 1961
- 6'1 $\frac{1}{2}$ Schmiat, EG, 1968
- Lazareva, SU, 1970
- 6'1 $\frac{1}{4}$ Hrepevnik, Yug, 1970
- 6'0 $\frac{3}{4}$ Gusenbauer, Aut, 1970
- Hubnerova, Cze, 1970
- Popescu, Rum, 1970
- 6'0 $\frac{1}{2}$ Komka, Hun, 1970
- 6'0 Brown, Aus, 1964
- Schulze, EG, 1968
- Blagoyeva, Bul, 1969
- Mracnova, Cze, 1969
- Brill, Can, 1970

Shot Put

- 67'0 $\frac{1}{4}$ Chizhova, SU, 1969
- 65'11 $\frac{1}{4}$ Gummell, EG, 1969
- 62'1 $\frac{1}{4}$ Ivanova, SU, 1970
- 61'7 $\frac{1}{2}$ Lange, EG, 1968
- 61'1 $\frac{1}{2}$ Friedel, EG, 1970
- 61'0 T.Press, SU, 1965
- 59'9 Korablyeva, SU, 1970
- 59'5 $\frac{1}{2}$ Friedrich, EG, 1970
- 59'4 $\frac{1}{2}$ Solontsova, SU, 1970
- 59'2 $\frac{3}{4}$ Khristova, Bul, 1970

Javelin Throw

- 204'8 Gorchakova, SU, 1964
- 202'7 Rivers, Aus, 1970
- 201'7 Jaworska, Pol, 1970
- 201'4 Ozolina, SU, 1964
- 198'9 $\frac{1}{2}$ Fuchs, EG, 1970
- 198'9 Ranky, Hun, 1969
- 198'8 Friedrich, USA, 1967
- 198'7 Penes, Rum, 1964
- 196'4 Koloska, WG, 1969

4x100 Relay

- 42.8 United States, 1968
- 43.3 Cuba, 1968
- 43.4 Holland, 1968
- Soviet Union, 1968
- Australia, 1968
- 43.6 West Germany, 1968
- East Germany, 1968
- Poland, 1964
- 43.7 Great Britain, 1968
- 44.2 France, 1968

200 Meters

- 22.4 Chi Cheng, ROC, 1970
- 22.5 Szewinska, Pol, 1968
- 22.7 Boyle, Aus, 1968
- Meissner, EG, 1970
- 22.8 Kirzwill, Aus, 1964
- Ferrell, USA, 1968
- Lamy, Aus, 1968
- 22.9 Rudolph, USA, 1960
- Klobukowska, Pol, 1967
- Bailes, USA, 1968

800 Meters

- 1:58.0 Sin Kim Dan, NK, 1964
- 2:00.5 Nikolic, Yug, 1968
- 2:00.9 Manning, USA, 1968
- 2:01.0 Pollock, Aus, 1967
- 2:01.1 Packer, GB, 1964
- 2:01.2 Willis, Aus, 1962
- 2:01.4 Chamberlain, NZ, 1962
- Board, GB, 1969
- 2:01.8 Silai, Rum, 1968
- Hoffmeister, EG, 1970

100m Hurdles

- 12.7 Sukniewicz, Pol, 1970
- Balzer, EG, 1970
- 12.8 Chi Cheng, ROC, 1970
- 12.9 Jahns, EG, 1970
- Bufanu, Run, 1970
- 13.0 Podeswa, EG, 1970
- 13.1 Bach, WG, 1970
- Kilborn, Aus, 1970
- Nowak, Pol, 1970
- Rosendahl, WG, 1970
- Zebrowska, Pol, 1970

Long Jump

- 22'5 $\frac{1}{4}$ Rosendahl, WG, 1970
- 22'4 $\frac{1}{4}$ Viscopoleanu, Rum, 1968
- 22'2 $\frac{1}{4}$ Rand, GB, 1964
- 22'1 Mickler, WG, 1970
- Sherwood, GB, 1970
- 21'10 $\frac{1}{2}$ Szewinska, Pol, 1968
- 21'10 $\frac{1}{4}$ Talisheva, SU, 1968
- 21'9 $\frac{3}{4}$ Herbst, EG, 1970
- 21'9 $\frac{1}{2}$ Ammann, Swi, 1969
- 21'6 $\frac{3}{4}$ Wiczorek, EG, 1968

Discus Throw

- 209'10 Westermann, WG, 1969
- 208'10 Illgen, EG, 1970
- 205'2 Danilova, SU, 1970
- 202'9 Melnik, SU, 1970
- 202'2 $\frac{1}{2}$ Spielberg, EG, 1968
- 202'2 Muravyeva, SU, 1970
- 200'11 Hinzmann, EG, 1970
- 199'1 Solontsov, SU, 1970
- 196'10 Kleiber, Hun, 1970
- 196'2 Popova, SU, 1968

Pentathlon

- 5406 Pollok, EG, 1970
- 5398 Rosendahl, WG, 1970
- 5352 Prokop, Aut, 1969
- 5283 Mickler, WG, 1970
- 5215 Herbst, EG, 1970
- 5148 Peters, GB, 1970
- 5121 Tikhomirova, SU, 1970
- 5046 Antenen, Swi, 1969
- 5037 Wilson, GB, 1970

4x400 Relay

- 3:30.8 Great Britain, 1969
- France, 1969
- 3:32.0 East Germany, 1970
- 3:32.7 West Germany, 1969
- 3:33.6 United States, 1970
- 3:33.7 Soviet Union, 1969
- 3:35.4 Sweden, 1969
- 3:35.8 Hungary, 1969
- 3:36.2 Denmark, 1969
- 3:36.5 Poland, 1970

1970 WORLD CHAMPIONSHIPS

Again for 1970 WTFW conducted a "Theoretical World Championship". The selection listed below are the result of the voting by WTFW correspondents from all over the world. This year 42 voters from 26 different nations sent in their choices, listing their first three selections in each event. The athletes were scored 5 for first, 3 for second and 1 for third. The number of first place votes is listed in parenthesis after the athlete's name. For an interesting comparison with the World Ranking as compiled by Jan Popper and Luigi Mengoni, their ranking is listed in parenthesis following the place of the athlete by the correspondents. In most cases it is similar. The correspondents whose votes were counted this year include the following: Palle Lassen (Denmark), Sy Yinchow (Philippines), Milan Skocovsky (Czechoslovakia), Alfred Janecky (Czechoslovakia), Yves Pinaud (France), Vince Reel (USA), Ted Radcliffe (Canada), Wang Ching-Cheng (Republic of China), Fritz Steinmetz (West Germany), Alfonso Poseda (Spain), Calvin Brown (USA), Jan Koumans (Holland), Henri Schubert (Australia), Herman Guzman Soto (Chile), Einar Otto Oren (Norway), Andre Alberty (France), Luigi Mengoni (Italy), Jan Popper (Czechoslovakia), Erich Kamper (Austria), Abraham Green (Israel), Elio Trifari (Italy), Laurence Booth (New Zealand), Ernst Elert (East Germany), Torsten Lindquist (Finland), Cliff Temple (England), Peter Martin (England), Andrew Huxtable (England), Nic Lemmens (Holland), Turhan Goker (Turkey), Jeff Johnson (USA), Atsushi Hoshino (Japan), Gert le Roux (South Africa), Erik Aarset (Norway), Zoltan Subert (East Germany), Gurbaksh Singh Kler (Malaysia), Bill Peck (USA), Richard Ashenheim (Jamaica), Kauko Niemela (Finland), Stefan von Devan (West Germany), Josep Corminas (Spain), Rolf van der Laage (West Germany), Dick Bank (USA).

100 METER DASH:-Four athletes dominated the voting and received nearly all the points. Chi was the favorite of 33 voters with Meissner getting 7 first place votes. Of the top four only Chi and Davis met in actual competition.

1 (1)	Chi Cheng, Rep of China (33)	180
2 (2)	Renate Meissner, East Germany (7)	114
3 (3)	Iris Davis, USA (1)	45
4 (4)	Raelene Boyle, Australia	21
5 (12)	Barbara Ferrell, USA (1)	9
6 (7)	Wilma van den Berg, Holland	4
(5)	Ingrid Mickler, West Germany	4
8 (10)	Miguelina Cobian, Cuba	1

200 METER DASH:-An overwhelming win here for the new world record holder as Chi received 40 of the 42 first place votes. Again Meissner was runner-up while Boyle moved to third. The rest of the field was far behind.

1 (1)	Chi Cheng, Rep of China (40)	206
2 (2)	Renate Meissner, East Germany (1)	101
3 (3)	Raelene Boyle, Australia	60
4 (-)	Barbara Ferrell, USA (1)	5
5 (-)	Mavis Laing, USA	2
6 (11)	Miguelina Cobian, Cuba	1
(5)	Alice Annum, Ghana	1
(8)	Gyorgy Balogh, Hungary	1
(9)	Wilma van den Berg, Holland	1

400 METER DASH:-A waltz for new world record holder Marilyn Neufville as she and Chi received all the first place ballots. A real fight for the third spot with Hammond, Besson, Frese and Brown all close with the USA champion Mavis Laing almost frozen out and forgotten by the voters.

1 (1)	Marilyn Neufville, Jamaica (35)	193
2 (2)	Chi Cheng, Rep of China (7)	83
3 (3)	Kathy Hammond, USA	26
4 (6)	Colette Besson, France	24
5 (5)	Christel Frese, West Germany	22
6 (11)	Sandra Brown, Australia	16
7 (9)	Mavis Laing, USA	6
8 (4)	Helga Fischer, East Germany	5
9 (12)	Judith Ayaa, Uganda	2
10 (10)	Maria Sykora, Austria	2

800 METER RUN:-East Germany's Gunhild Hoffmeister dominated the voting for the two-lapper although seven athletes received first place votes. Sykora and Janze waged a ding-song battle for second with Sykora getting the nod from the correspondents and Janze from the rankers Popper & Mengoni.

1 (1)	Gunhild Hoffmeister, East Germany (14)	121
2 (3)	Maria Sykora, Austria (7)	72
3 (2)	Hildegard Janze, West Germany (11)	63
4 (4)	Vera Nikolic, Yugoslavia (4)	37
5 (9)	Karin Burneleit, East Germany (4)	35
6 (5)	Ileana Silai, Rumania (1)	16
7 (6)	Ilja Keiser, Holland (1)	13
8 (7)	Sheila Carey, Great Britain	5
9 (12)	Cheryl Toussaint, USA	1
(-)	Falck	1

1500 METER RUN:-Another close contest with four athletes dominating the voting and Karin Burneleit winning by virtue of many first place votes. This is one of the very few instances where the voters and the rankers disagreed as Burneleit was ranked only 7th by Popper and Mengoni.

1 (7)	Karin Burneleit, East Germany (18)	112
2 (4)	Ellen Tittel, West Germany (5)	73
3 (1)	Paoli Pigni, Italy (9)	71
4 (3)	Ilja Keizer, Holland (6)	62
5 (2)	Gunhild Hoffmeister, East Germany (3)	29
6 (8)	Rita Ridley, Great Britain	5
7 (16)	Francie Larriau, USA	4
(5)	Lyudmila Bragina, Soviet Union	4
9 (6)	Tamara Pangelova, Soviet Union	3
10 (-)	Doris Brown, USA	1
(-)	Kathy Hammond, USA	1

100 METER HURDLES:-Veteran Karin Balzer wins this four-way battle while Teresa Sukniewicz, in spite of getting fewer first place votes than Chi, wound up second. Balzer defeated both Sukniewicz and Kilborn during the year, did not meet Chi.

1 (1)	Karin Balzer, East Germany (20)	139
2 (2)	Teresa Sukniewicz, Poland (8)	109
3 (3)	Chi Cheng, Rep of China (13)	88
4 (4)	Pam Kilborn, Australia (1)	28
5 (8)	Anneliese Jahns, East Germany	3
6 (6)	Pat Johnson, USA	1
(10)	Valeria Bufanu, Rumania	1

200 METER HURDLES:-Another four-way fight with Sukniewicz winning out by virtue of more first place votes. Popper and Mengoni did not rank the 200mH.

1	Teresa Sukniewicz, Poland (18)	128
2	Chi Cheng, Rep of China (12)	76
3	Anneliese Jahns, East Germany (3)	68
4	Pam Kilborn, Australia (7)	66
5	Danuta Strazynska, Poland	10
6	Valeria Bufanu, Poland (1)	9
7	Maureen Caird, Australia	7
8	Karin Balzer, East Germany	4
9	Pat Hawkins, USA	2

HIGH JUMP:-Again very close competition in the voting, this time involving five outstanding athletes who traded wins during the season. Austria's Ilona Gusenbauer with 15 first place votes won out by virtue of her consistency.

1 (1)	Ilona Gusenbauer, Austria (15)	113
2 (5)	Antonina Lazeryeva, Soviet Union (5)	73
3 (2)	Rita Schmidt, East Germany (9)	72
4 (3)	Snezhana Hrepevnik, Yugoslavia (6)	54
5 (6)	Milena Hubnerova, Czechoslovakia (6)	53
6 (7)	Debbie Brill, Canada	10
7 (4)	Cornelia Popescu, Rumania	5

1970 WORLD CHAMPIONSHIPS (Continued)

LONG JUMP:-A decisive win for Heide Rosendahl and a good battle for runner-up spot. Rosendahl was undefeated outdoors and set the world record at 22'5¼ at the Universiade.

1 (1)	Heide Rosendahl, West Germany	(40)	206
2 (4)	Sheila Sherwood, Great Britain	(2)	71
3 (3)	Ingrid Mickler, West Germany		65
4 (2)	Viorica Viscopoleanu, Rumania		29
5 (6)	Margit Herbst, East Germany		4
6 (5)	Ann Wilson, Great Britain		3

SHOT PUT:-The only "clean sweep" of the competition. For the second year in a row Nadyezhda Chizhova got every first place vote to completely dominate her specialty.

1 (1)	Nadyezhda Chizhova, Soviet Union	(42)	210
2 (3)	Margitta Gummel, East Germany		74
3 (2)	Antonina Ivanova, Soviet Union		59
4 (4)	Hannelore Friedel, East Germany		24
5 (6)	Maritta Lange, East Germany		9
6 (5)	Irina Solontsova, Soviet Union		2

DISCUS THROW:-East Germany's Karin Illgen rose to the top in 1970 and replaced Leisel Westermann as the world best. Between them they gathered all the first place votes with Illgen getting most of them.

1 (1)	Karin Illgen, East Germany	(38)	196
2 (3)	Liesel Westermann, West Germany	(3)	120
3 (5)	Tamara Danilova, Soviet Union		22
4 (2)	Faini Melnik, Soviet Union		14
5 (9)	Lia Manoliu, Rumania		6
6 (8)	Christa Spielberg, East Germany		3
7 (10)	Lyudmila Muravyeva, Soviet Union		1
(6)	Irina Solontsova, Soviet Union		1
(13)	Jolan Kleiber, Hungary		1

JAVELIN THROW:-Daniela Jaworska of Poland captured the victory here and with Popper/Mengoni in an event never noted for its consistency. Five athletes received first place votes.

1 (1)	Daniela Jaworska, Poland	(24)	155
2 (2)	Ruth Fuchs, East Germany	(10)	108
3 (4)	Petra Rivers, Australia	(6)	52
4 (6)	Maria Moskalyenko, Soviet Union	(1)	25
5 (8)	Magdolna Vidos, Hungary	(1)	19
6 (3)	Ewa Gryziecka, Poland		8
7 (11)	Kathy Schmidt, USA		5
8 (9)	Eva Janko, Austria		1

PENTATHLON:-A real upset in the voting as WTFW correspondents voted West Germany's Heide Rosendahl the top honor over East Germany's world record holder Burglinde Pollak. Heide received 30 first place votes to only 11 for Pollak to secure the victory. Surprise vote getters were Liese Prokop and Chi - both of whom have been away from the pentathlon wars for some time.

1 (2)	Heide Rosendahl, West Germany	(30)	186
2 (1)	Burglinde Pollak, East Germany	(11)	131
3 (5)	Ingrid Mickler, West Germany		43
4 (3)	Mary Peters, Great Britain		11
5 (-)	Liese Prokop, Austria		3
6 (6)	Margit Herbst, East Germany		2
7 (-)	Meta Antenen, Switzerland		1
(-)	Chi Cheng, Rep of China		1



From Nicaragua comes two fresh talents, Russel Carrero (left) and Lourdes Rodriguez. Miss Carrero holds the national records in the 100, 200, 400, 1500, 100mH, 200mH, LJ and pentathlon.

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APRIL 17, 1971

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CLUB RECORD CONTEST - SOVIETS TAKE COMMAND

And still the interest in WTFW's Club Record Contest grows! We are thankful to Dick Bank for the translation of the Russian Clubs and to correspondent Winfried Kramer the up-to-date records of the West German Clubs. The Russians, with their powerful field event performances, have taken over the top spots in the world while the Los Angeles Track Club leads the USA division. Next listing will come in the July issue, so keep us informed of new club records. (Marks converted to meters.)

UNITED STATES CLUBS		POINTS	1-Dynamo (SU) - 14926		2-Burovestnik (SU) - 14750		3-Spartak (SU) - 14637				
1. Los Angeles TC		14381	100	11.2	Lyudmila Golomazova	11.4	Vyera Popkova	11.5	Tatyana Novikova		
2. Millbrae Lions		13339	200	23.4	Maria Itkina	23.0	Vyera Popkova	23.8	Raisa Olontsova		
3. Angels TC		13138	400	52.9	Maria Itkina	52.2	Natalia Chistyakova	54.4	Olga Kleyn		
4. Cleveland Rec TC		12814	800	2:04.2	Alla Krivoshchekova	2:05.3	Lyudmila Lysenko	2:03.7	Zoya Skobtsova		
5. Albuquerque OC		12504	1500	4:13.2	Lyudmila Bragina	4:20.4	Larisa Safronova	4:22.7	Katalina Prodan		
6. Ohio TC		12422	100H	13.4	Lia Khitrina	13.8	Rimma Larionova	13.8	Kira Kuzmina		
7. Mayor Daley YF		12361	200H	26.9	Galina Mitrokhina	26.9	Marina Nikiforova	27.0	Tamara Stratyus		
8. Nebraska TC		12224	HJ	5'11 1/4	Valentina Kozyr	5'8 1/4	Taisya Chenchik	6'0 1/4	Antonina Lazaryeva		
9. Delaware TFC		12129	LJ	21'10 1/4	Tatyana Talisheva	21'8 1/4	Tatyana Shchelkanova	20'10	Lyudmila Pogrebnyak		
10. Laurel TC		11779	SP	58'10	Irina Solontsova	54'4 1/4	Nadyezhda Tsyerkova	67'0 1/4	Nadyezhda Chizhova		
11. Kalispell Tmbtts		11637	DT	199'1	Irina Solontsova	192'4	Antonina Popova	181'10	Tamara Danilova		
12. Ozark TC		11485	JT	185'0	Maria Dubograyeva	204'5	Yelena Gorchakova	195'6	Vyera Savyenkova		
13. Atoms TC		11476	Pent	4660	Tatyana Aleksandrova	4687	Galina Bystrova	4876	Valentina Tikhomva		
14. Compton TC		11315	4-Trud (SU) - 14509		5-Vooruzhennyie (SU) - 14472		6-Los Angeles TC - 14381				
15. Topeka Cosmo Club		11288	100	11.1	Lyudmila Samotyesova	11.4	Galina Bukharina	11.0	Chi Cheng		
16. Dave's Speedettes		11234	200	23.0	Lyudmila Samotyesova	23.7	Nad. Besfamilnaya	22.4	Chi Cheng		
17. Falcon TC		11223	400	53.7	Lyudmila Samotyesova	53.9	Yekaterina Parlyuk	52.2	Chi Cheng		
18. Phoenix TC		11204	800	2:04.8	Inna Nishchuk	2:04.0	Tamara Dmitriyeva	2:14.7	Pat Cole		
19. Canton TC		11095	1500	4:22.1	Galina Sobolyeva	4:20.7	Tamara Dmitriyeva	4:38.0	Pat Cole		
20. Oregon TC		11083	100H	13.9	Anna Zadoshchenko	14.2	Natalya Suprun	12.8	Chi Cheng		
21. Long Beach Comets		10982	200H	27.4	Tatyana Klimchuk	26.7	Roza Babich	26.2	Chi Cheng		
22. SEMO TC		10916	HJ	5'8 1/4	Klara Pushkaryeva	5'9 1/4	Galina Dolya	5'7 1/4	Sharon Callahan		
23. Will's Spiketees		10742	LJ	20'10 1/4	Tatyana Bychkova	22'1	Tatyana Shchelkanova	21'0 1/4	Chi Cheng		
24. Flanagan Clan		10634	SP	61'0	Tamara Press	55'9 1/4	Galina Nyekrasova	45'10	Pat Bank		
25. Illini TC		10610	DT	195'10	Tamara Press	194'4	Lyudmila Murayeva	175'1	Olga Connolly		
26. Seattle Olympic C		10518	JT	181'2	Alvetina Shastiko	186'2	Marite Saulite	167'3	Babs Brandon		
27. Chicago Heights TC		10430	Pent	4502	Galina Gracheva	4633	Tatyana Arkipova	4735	Pat Bank		
28. Motor City TC		10404	7-DHfk Leipzig (EG) - 14257		8-Zhenith (SU) - 14196		9-Dynamo Berlin (EG) - 14190				
29. Wolverines		10246	100	11.7	Ute Hiemisch	11.6	Tatyana Novikova	11.5	Gisela Birkemeyer		
30. Iowa TC		10220	200	23.9	Ute Hiemisch	24.4	Tatyana Kondrashova	23.5	Christa Stubnick		
31. Santa Ynez TC		10185	400	56.4	Regina Kleinau	54.7	Anna Zimina	54.4	Monika Zehrt		
32. SC Missiles		10178	800	2:05.7	Regina Kleinau	2:04.4	Anna Zimina	2:02.2	Karin Burneleit		
33. Liberty AC		10152	1500	4:15.2	Regina Kleina	4:23.2	Maria Petrova	4:12.2	Karin Burneleit		
34. Tennessee State U		10027	100H	15.0	Angela Schmalfeld	13.7	Tamara Kapysheva	13.7	Inge Koppen		
35. Lassen Cinderellas		9905	200H	28.5	Marion Grube	27.8	Galina Nikolayeva	27.8	Eva Maletzki		
36. Lipke TC		8206	HJ	6'1 1/4	Rita Schmidt	5'8 1/2	Valentina Andreyeva	5'10	Gabrielle Thiele		
37. Siuslaw HS		7989	LJ	21'6 1/4	Burghild Wiczorek	20'8 1/2	Tatyana Kapysheva	21'3 1/4	Hildrum Laufer		
38. Knoxville TC		7275	SP	65'11 1/4	Margitta Gummel	58'10 1/4	Antonina Ivanova	53'7 1/4	Marianne Adam		
39. Alcorn A&M		7165	DT	208'10	Karin Illgen	194'6	Tamara Danilova	188'4	Inge Schwalbe		
40. Penn Striders		7165	Pent	4419	Angela Schmalfeld	4780	Tatyana Kondrashova	4219	Marianne Adam		
41. Shore AC		6924	10-Energie (Austria) - 14183		11-London Olympiads - 13852		12-Tus Levenkussen (EG) - 13771				
42. Sports Internatnal		6236	100	11.7	Helga Kapfr	11.4	Della James	11.4	Heide Rosendahl		
43. Ambler OC		5994	200	23.8	Helga Kapfr	23.4	Lillian Board	23.1	Heide Rosendahl		
44. Denver All Stars		5644	400	52.8	Maria Sykora	52.1	Lillian Board	55.0	Gisela Ellenberger		
45. Miami Run For Fun		5246	800	2:01.9	Maria Sykora	2:01.4	Lillian Board	2:05.4	Ellen Tittel		
FOREIGN TRACK CLUBS			1500	5:16.8	Chris Kirchbichler	4:38.4	Enid Harding	4:13.0	Ellen Tittel		
1. Dynamo (SU)		14926	100H	13.5	Liese Prokop	14.1	Mary Rand	13.1	Heide Rosendahl		
2. Burovestnik (SU)		14750	200H	27.0	Maria Sykora	30.0	Jean Whitehead	-----	-----		
3. Spartak (SU)		14637	HJ	6'0 1/4	Ilona Gusenbauer	5'8	Mary Rand	5'7	Heide Rosendahl		
4. Trud (SU)		14509	LJ	21'3 1/4	Liese Prokop	22'2 1/4	Mary Rand	22'5 1/4	Heide Rosendahl		
5. Vooruzhennyie (SU)		14472	SP	50'8	Liese Prokop	45'9 1/2	Josephine Honnor	54'5 1/2	Liesel Westermann		
6. Dhfk Leipzig (EG)		14257	DT	126'6	Liese Prokop	145'5	Margaret Pulman	209'10	Liesel Westermann		
7. Zhenith (SU)		14196	JT	190'11	Eva Janko	182'5	Susan Platt	182'10	Gisa Jappener		
8. Dynamo Berlin (EG)		14190	Pent	5352	Liese Prokop	5035	Mary Rand	5399	Heide Rosendahl		
9. Energie (Austria)		14183	13-Birchfield Harriers (Eng)-13754		14-ASK Potsdam (EG) - 13727		15-SC Chemnitz (EG) - 13482				
10. London Olympiads		13852	100	11.5	Daphne Arden	11.7	Ellen Strophal	11.6	Angela Vogel		
11. Tus Levenkussen (WG)		13771	200	23.5	Daphne Arden	23.9	Ellen Strophal	24.0	Angela Vogel		
12. Birchfield Harriers		13754	400	54.6	Pat Lowe	55.9	Dagmar Drechsler	56.3	Helga Fischer		
13. ASK Potsdam (EG)		13727	800	2:02.9	Pat Lowe	2:12.6	Gudrun Braungen	2:11.0	Angelika Lehmkuhl		
14. SC Chemnitz (EG)		13482	1500	4:22.2	Diane Leather	4:38.4	Gudrun Braungen	4:40.3	Inge Attig		
15. Vancouver OC (Can)		13441	100H	13.8	Pat Jones	13.3	Burghilde Pollak	14.6	Renate Ihle		
16. Turbine Erfurt (EG)		13420	200H	27.3	Pat Jones	28.5	Roswitha Walden	29.0	Gisela Hermann		
17. Mitchame AC (GB)		13331	HJ	5'8	Gwenda Matthews	5'8 1/4	Burghilde Pollak	5'8 1/4	Gerda Kopferschmidt		
18. 1860 Munchen (WG)		13326	LJ	20'9 1/4	Susan Scott	20'4	Burghilde Pollak	19'9 1/2	Gisela Hermann		
19. Chemie Halle (EG)		13191	SP	42'11 1/4	Iris Mouger	51'1	Burghilde Pollak	49'1 1/4	Christine Spielberg		
20. Hamburg SV (WG)		13102	DT	150'0	Maureen Arnold	152'10	Sylria Friedrich	202'2	Christine Spielberg		
21. Motor Jena (EG)		13020	JT	162'5	Averil Williams	175'11	Narianne Buchholz	180'9	Helgard Richter		
22. Essex Ladies (GB)		12864	Pent	4786	Susan Scott	5406	Burghilde Pollak	4462	Gisela Hermann		
23. Lokomotiv (SU)		12793	Please send additions, corrections and new records to WTFW, PO Box 371, Claremont, Cal, 91711								
24. ASV Cologne (WG)		12705									
25. Saskatoon TFC (Can)		12453									
26. Spartan Ladies (GB)		12449									
27. Maryhill (Scotland)		12354									
28. Optimist Str (Can)		12158									
29. Richmond Kayjaks		11781									
30. SC Leipzig (EG)		11599									

<u>16-Vancouver OC (Can) - 13441</u>		<u>17-Turbine Erfurt (EG) 13420</u>		<u>18-Millbrae Lions - 13339</u>		<u>19-Mitchame AC (Eng) - 13331</u>		
100	11.4	Irene Piotrowski	11.7	Petra Weyher	11.7	Kathy Smallwood	11.6	Jill Hall
200	23.5	Berto & Loverock	23.9	Marion Wagner	24.0	Pat Winslow	24.1	Jill Hall
400	55.7	Noreen Liepens	58.0	Iris Claus	55.5	Nancy Mullen	54.3	Jenny Pawsey
800	2:05.0	Noreen Liepens	2:08.1	Iris Claus	2:07.4	Cis Schafer	2:03.2	Anne Smith
1500	4:19.1	Thelma Fynn	4:27.3	Iris Claus	4:27.3	Linda McCain	4:12.3	Anne Smith
100H	14.7	Vi Tittler	13.9	Christine Bodner	14.1	Marilyn King	14.7	Linda Griffith
200H	29.3	Vi Tittler	27.4	Annerose Krumpolz	28.5	Marilyn King	29.3	Marcia Lusted
HJ	6'0"	Debbie Brill	5'3 3/4	Johanna Schaller	5'7 1/4	Pat Winslow	5'7 1/2	Eleanor Rowe
LJ	19'0	Jana Lundy	19'10 1/4	Christine Bodner	20'8	Pat Winslow	19'6 1/4	Janette Neil
SP	47'7	Joan Pavelich	59'5 1/2	Ingeburg Friedrich	50'8	Lynn Graham	51'4 1/4	Brenda Bedford
DT	158'3	Joan Pavelich	161'7	Ingeburg Friedrich	161'0	Linda Langford	165'11	Brenda Bedford
JT	179'4	Jay Dahlgren	149'3	Marie Reichenbach	160'1	Linda Langford	138'1	Pat Parkin
Pent	4340	Jana Lundy	4564	Christine Bodner	4542	Marilyn King	4035	Barbara Barrett
<u>20-1860 Munchen (WG) - 13326</u>		<u>21-Chemie Halle (EG) - 13191</u>		<u>22-Angels TC - 13138</u>		<u>23-Hamburg SV (WG) - 13102</u>		
100	11.5	Martha Pensberger	11.3	Petra Vogt	11.9	Pat Johnson	11.5	Jutta Stock
200	24.0	Martha Pensberger	23.0	Petra Vogt	24.2	Pat Johnson	24.1	Jutta Stock
400	60.8	Jutta von Hoose	54.2	Ingelore Lohse	54.3	Joan Pirie	54.1	Helga Henning
800	2:13.2	Jutta von Hoose	2:04.8	Waltraud Pohlitz	2:12.9	Linda Iddings	2:10.1	Helga Henning
1500	4:49.9	Ursula Nottngel	4:19.4	Waltraud Pohlitz	4:46.0	Linda Iddings	5:22.4	Karin Zander
100H	14.0	Elke Hindemuth	13.2	Barbel Podeswa	13.3	Pat Johnson	13.8	Gudrun Gulck
200H	28.3	Karen Mack	-----	-----	25.7	Pat Johnson	28.5	Gudrun Gulck
HJ	5'11 1/4	Karen Mack	5'8 1/2	Monika Lorenz	5'4 1/2	Judy Durham	5'5 1/2	Rita Kress
LJ	20'5 1/4	Elke Hindemuth	20'2 1/4	Heidi Rabiger	19'3	Judy Durham	20'4 1/2	Christa Herzog
SP	45'6 1/2	Almut Brommel	61'7 1/2	Marita Lange	45'2	Pauline Thomas	43'5 1/4	Donit Breul
DT	162'6	Martha Gross	194'10	Anita Otto	152'10	Helen Thayer	161'10	Gudrun Kapolke
JT	180'11	Almut Brommel	146'1	Elisabeth Schneidewald	140'5	Joyce Hombel	153'1	Ursula Ganber
Pent	4939	Karen Mack	4347	Anna Mickler	4302	Judy Durham	4251	Christa Herzog
<u>24-Motor Jena (EG) - 13020</u>		<u>25-Essex Ladies (Eng)-12864</u>		<u>26-Cleveland Rec - 12814</u>		<u>27-Lokomotiv (SU) - 12793</u>		
100	11.0	Renate Meissner	12.0	Sheila Ganett	11.7	Robyn Russell	11.3	Vyera Krepkina
200	22.7	Renate Meissner	24.9	Sheila Ganett	23.9	Robyn Russell	23.9	Vyera Krepkina
400	53.1	Hannelore Middecke	56.1	Jean Dicks	53.9	Madeline Manning	55.7	P. Rybashevskaya
800	2:04.3	Hannelore Middecke	2:05.8	Iris Lincoln	2:05.1	Madeline Manning	2:09.4	Tamara Grabenyuk
1500	4:25.2	Waltraud Pohland	4:15.4	Rita Ridley	4:36.7	Sandra Knott	4:28.5	Maya Slobodnyuk
100H	14.7	Christa Georgi	13.9	Sheila Ganett	14.9	Annie Cullum	13.7	Galina Kuznyetsova
200H	-----	-----	27.7	Sheila Ganett	29.3	Annie Cullum	27.9	Lidia Cherenyeva
HJ	5'5 1/4	Inge Exnor	5'3	Susan Wright	5'8 1/2	Eleanor Montgomery	5'7 1/4	Galina Akimova
LJ	20'7 1/4	Inge Exnor	20'0	Jean Pickering	18'6 1/4	Rose Lovelace	20'10 1/4	Vyera Krepkina
SP	61'1 1/2	Hannelore Friedel	41'2	Irena Lorrell	48'5	Sharon Shepherd	52'4 1/4	Birute Bagdovaviciute
DT	182'3	Barbara Schubert	142'0	Gail Smith	155'1	Sharon Shepherd	174'3	Olga Titova
JT	149'1	Brunhilde Trolitzsch	149'6	Monica Hatland	124'10	Delores Melton	180'9	Galina Savyenkova
Pent	4321	Ramona Gottermann	3997	Jean Pickering	3860	Eleanor Montgomery	---	-----
<u>28-ASV Cologne (WG) - 12705</u>		<u>29-Albuquerque OC - 12504</u>		<u>30-Saskatoon TC (Can)-12453</u>		<u>31-Spartan Ladies (Eng)-12449</u>		
100	11.5	Jutta Heine	11.7	Nora Carter	11.8	Eleanor Haslam	11.5	Jenny Smart
200	23.8	Jutta Heine	24.9	Lisa Chiavario	24.0	Eleanor Haslam	23.6	Jenny Smart
400	52.4	Christel Frese	56.3	Carol Hudson	56.7	Eleanor Haslam	54.0	-----
800	2:06.0	Christa Merten	2:07.3	Carol Hudson	2:10.1	Eleanor Haslam	2:05.0	Joy Jordan
1500	4:16.0	Christa Merten	4:55.9	Carol Hudson	5:02.0	Sandra Stewart	-----	-----
100H	13.9	Heidi Schuller	14.5	Sallie Caton	15.0	Diane Jones	15.8	-----
200H	-----	-----	28.3	Lisa Chiavario	29.6	Brenda Zeman	28.6	Anne Forsythe
HJ	5'7	Marlene Schmitz	5'4 1/2	Sallie Caton	5'6 1/2	Diane Jones	5'8	Dorothy Shirley
LJ	20'3 1/4	Renate Potgieter	19'3	Lisa Chiavario	18'7	Brenda Zeman	19'5	Shirley Cawley
SP	46'2 1/4	Maria Fossbender	40'4 1/4	Barbara Butler	44'3	Diane Jones	53'6 1/4	Mary Peters
DT	169'0	Maria Fossbender	146'3	Barbara Butler	138'0	Pat Dooley	156'6	Susan Allday
JT	155'0	Anneliese Steinheuser	117'4	Barbara Butler	142'1	Pat Dooley	151'8	Janet Van Linen
Pent	4353	Heidi Schuller	4467	Sallie Caton	4433	Diane Jones	5148	Mary Peters
<u>32-Ohio TC - 12422</u>		<u>33-Mayor Daley YF - 12361</u>		<u>34-Maryhill (Scot)-12354</u>		<u>35-Nebraska TC - 12224</u>		
100	11.7	Laurie Barr	11.5	Mamie Rallins	12.1	Avril Beattie	11.7	Virginia Tonnigas
200	24.0	Laurei Barr	24.2	Katheryne Jones	24.4	Avril Beattie	25.1	Sandra Hays
400	55.1	Beth Hutson	54.9	Norma Harris	57.0	Linda Caruther	58.0	Sandra Hays
800	2:10.8	Beth Hutson	2:11.4	Marilyn Bastian	2:07.1	Mary Speedman	2:25.1	Carol Alexander
1500	5:06.0	Kim Koch	-----	-----	4:27.7	Mary Speedman	5:37.3	Barbara Stein
100H	14.2	Beth Hutson	13.4	Mamie Rallins	14.7	Maira Niccol	14.3	Patty Barry
200H	28.5	Beth Hutson	27.2	Mamie Rallins	29.2	Linda Caruther	28.7	Jeanine Warnock
HJ	5'7 1/2	Estelle Baskerville	5'6	Jill Halgrimson	5'4	Betty Armstrong	5'6 1/4	Toni Churchill
LJ	19'2	Laura Luedemann	21'2	Willie White	19'4 1/2	Alea Jameson	18'0 1/2	Carolyn Call
SP	42'0	Linda Kate	49'2 1/4	Maren Seidler	44'9 1/4	Maira Kerr	46'7 1/2	Carol Frost
DT	106'6	Linda Kate	159'4	Josephine de la Vina	139'8	Lillian Dykes	178'0	Carol Frost
JT	171'8	Jean Sweeney	136'0	Brenda Jo Glison	117'2	Lillian Dykes	146'5	Carol Frost
Pent	2880	Karen Davis	4154	Barbara Mueller	4074	Maira Niccol	3472	Carol Frost
<u>36-Opt. Striders (Can) - 12158</u>		<u>37-Delaware TFC - 12129</u>		<u>38-Rich. Kayjaks (Can)-11781</u>		<u>39-Laurel TC - 11779</u>		
100	11.7	Valerie Parker	12.0	Barbara Sowden	11.8	Anne Covell	11.8	Irene Opera
200	24.2	Valerie Parker	25.4	Carol Thomson	24.0	Anne Covell	24.0	Irene Opera
400	58.9	Amber Sutherland	58.1	Diane Stratton	54.3	Anne Covell	56.8	Leslie Clark
800	2:15.1	Joan Corcoran	2:20.8	Nancy Taylor	2:11.5	Joan Dyke	2:20.6	Gloria Griffin
1500	4:54.0	Janice Evans	4:45.8	Nancy Taylor	4:37.9	Cheryl Spowage	-----	-----
100H	14.4	Peggy Busch	14.3	Carol Thomson	15.4	Cathy Landers	13.9	Deanne Kurth
200H	27.9	Peggy Busch	28.7	Carol Thomson	29.0	Cathy Landers	27.9	Deanne Kurth
HJ	5'2	Brenda Eisler	5'4 1/2	Ann Poulos	4'10	Cheryl Spowage	5'7	Franzetta Parham
LJ	20'2 1/2	Brenda Eisler	19'0	Carol Thomson	18'2	Donna Hemphill	20'2	Denise Paschal
SP	39'5	Barbara Holdack	42'3 1/2	Marion Washington	43'4 1/2	Norma Jordan	42'0	Cherrie Sherrard
DT	121'0	Lydia Terry	147'8	Marion Washington	107'1	Shirley Dillingham	159'4	Pamela Kurrell
JT	142'11	Barbara Holdack	139'5	Lois Dawson	103'9	Donna Hemphill	130'1	Pamela Kurrell
Pent	3656	Peggy Busch	4050	Carol Thomson	3691	Vi Tittler	4396	Denise Paschal

40-Kalispell Timberettes - 11637

100 12.0 Dolly McFadyean
 200 25.9 Janelle Herbst
 400 59.0 Dolly McFadyean
 800 2:18.1 Dolly McFadyean
 1500 5:05.2 Gigi Braunberger
 100H 14.7 Mary Lallum
 200H 30.2 Dolly McFadyean
 HJ 5'5 Sally Plihal
 LJ 17'10 Mary Lalum
 SP 40'5¼ Marraydy Taylor
 DT 122'7 Lori Lyford
 JT 160'9 Diane Franklin
 Pent 3899 Mary Lalum

44-Compton TC - 11315

100 11.7 Pernetta Glenn
 200 24.0 Shirley Wilson
 400 55.5 Deborah Payne
 800 2:17.0 Gloria Harper
 1500 5:22.9 Yolanda McCarty
 100H ---
 200H 29.3 Pat Harper
 HJ 5'4 Elaine Coney
 LJ 18'0½ Juanita Agee
 SP 50'8 Earlene Brown
 DT 156'8 Earlene Brown
 JT 112'9 Pat Harper
 Pent 3862 Deborah Payne

48-Phoenix TC - 11204

100 11.7 Nancy Benson
 200 23.2 Mavis Laing
 400 52.6 Mavis Laing
 800 2:12.2 Lois Drinkwater
 1500 4:47.6 Ruth Brand
 100H 13.6 Jan Glotzer
 200H ---
 HJ 5'6 Jan Glotzer
 LJ 18'11¼ Jan Glotzer
 SP 31'10 Nancy Benson
 DT 76'0 Lois Drinkwater
 JT 90'11 Mavis Laing
 Pent 4544 Jan Glotzer

52-SEMO TC - 10916

100 12.7 Karla Haggard
 200 25.3 Ronda Wood
 400 60.2 Pam Sproull
 800 2:36.7 Martha Decker
 1500 6:25.2 Alfreda White
 100H 15.5 Ronda Wood
 200H 29.3 Ronda Wood
 HJ 5'4½ Nancy Martin
 LJ 17'6 Ronda Wood
 SP 43'0½ Connie Travagliante
 DT 117'10 Connie Travagliante
 JT 129'0 Connie Travagliante
 Pent 3898 Ronda Wood

56-Seattle OC - 10518

100 12.2 Laura Stacey
 200 24.9 Linda Cooper
 400 55.4 Delores Stoneback
 800 2:18.3 Vicki Foltz
 1500 4:46.5 Joan Schwald
 100H ---
 200H 32.0 Pat McBurney
 HJ 5'3¼ Delores Stoneback
 LJ 17'1½ Delores Stoneback
 SP 36'1½ Herta Petersons
 DT 121'0 Herta Petersons
 JT 121'10 Robyn Besk
 Pent 3697 Delores Stoneback

60-Iowa TC - 10220

100 11.8 Janet Brown
 200 24.2 Connie Knott
 400 55.5 Sara Beckord
 800 2:11.3 Sara Beckord
 1500 ---
 100H ---
 200H 29.1 Kay Cox
 HJ 5'4¼ Linda Rowe
 LJ 18'6½ Kay Bruce
 SP 40'8¼ Carol Hannusch
 DT 126'8 Sue Gibson
 JT 117'6 Connie Shafer
 Pent 4029 Kay Cox

41-SC Leipzig (EG) - 11599

11.3 Karin Balzer
 23.6 Karin Balzer
 56.3 Karin Balzer
 2:10.0 Ute Muller
 4:31.0 Mantina Muck
 12.7 Karin Balzer

 5'8½ Rita Gildmeister

 41'9½ Chrisina Scholl
 156'3 Christine Scholl
 198'9 Ruth Fuchs
 4344 Steffi Bothur

45-Topeka Cosmo - 11288

11.5 Paulette Smith
 25.2 Rebecca Davis
 59.2 Deanna Duffey
 2:17.7 Debbi Lewton
 5:01.7 Kathy Rogers

 27.3 Diane Vann
 5'8 Audrey Walker
 18'9¼ Linda Adams
 41'8½ Delia Burchfield
 130'2 Delia Burchfield
 129'9 Delia Burchfield
 3930 Darlene Everhart

49-Canton TC - 11095

11.9 Nancy Shafer
 24.5 Nancy Shafer
 54.3 Nancy Shafer
 2:04.5 Nancy Shafer
 4:49.0 Cindy Farmer
 14.9 Pat Skelley
 30.9 Pat Skelley
 5'2 Helen Bench
 16'11 Gloria Spehar
 36'9 Mary Boron
 114'4 Mary Boron
 145'2 Mary Boron

53-Will's Spikettes - 10742

11.8 Kathy Hammond
 23.8 Kathy Hammond
 52.6 Kathy Hammond
 2:07.3 Marie Mulder
 4:29.0 Natalie Rocha

 28.3 Chris McFarland
 5'2 Deanne Miller
 17'9 Deanne Miller
 40'4 Gretchen Wallin
 129'0 Terri Brown
 142'4 Michelle Nance

57-Chicago Heights - 10430

12.1 Jenny Otto
 24.5 Jenny Otto
 57.5 Jenny Otto
 2:15.7 Jenny Otto
 5:30.0 Hilda deWit
 14.7 Jenny Otto
 28.0 Jenny Otto
 5'1½ Susan Kelly
 17'5 Valery Neal
 34'11 Colleen Murray
 98'2 Marilyn Garrison
 114'10 Colleen Murray
 3966 Jenny Otto

61-Santa Ynez TC - 10185

11.5 Dee DeBusk
 23.9 Dee DeBusk
 55.9 Bunny Pope
 2:21.4 Anna Bacciarini

 28.7 Carol Paaske
 5'2½ Chris Wieser
 18'7½ Janet Macfarlane
 43'2 Leslie Gliessman
 138'6 Virginia Dearing
 117'11 Lorraine Boudect
 3860 Gerti Derrington

42-Ozark TC - 11485

11.9 Judy Vernon
 24.1 Judy Vernon
 60.5 Judy Vernon
 2:30.2 Jody Conley
 4:51.5 Gwen Eberly
 14.0 Judy Vernon
 28.0 Judy Vernon
 5'2 Judy Miller
 19'6 Judy Vernon
 34'9 Carol Naughton
 99'3 Ann Eidson
 93'6 Ann Eidson
 4205 Judy Vernon

46-Dave's Speedettes-11234

11.8 Sara Callaway
 24.9 Sara Callaway
 55.9 Sara Callaway
 2:15.8 Sara Callaway
 5:21.4 Sara Callaway
 16.3 Chris Turner
 33.1 Chris Turner
 5'4½ Margie Fox
 19'1 Margie Fox
 36'8 Margie Fox
 120'3 Margie Fox
 107'8 Margie Fox
 3805 Margie Fox

50-Oregon TC - 11083

12.1 Wanda Taylor
 24.5 Mary Berg
 56.7 Mary Berg
 2:15.8 Sherry Wells
 4:58.4 Sherry Wells
 14.7 Heidi Davidson
 29.9 Heidi Davidson
 5'3 Shirley Lagestee
 15'11 Bev Lewis
 47'2½ Mary Jacobson
 149'6 Beth Smith
 157'9 Mary Boron

54-Flanagan Clan - 10643

12.8 Lu Ann Simon
 25.8 Lu Ann Simon
 58.7 Lu Ann Simon
 2:33.1 Heather Sutherland
 5:31.3 Heather Sutherland
 15.0 Lu Ann Simon
 29.4 Lu Ann Simon
 5'0 Lu Ann Simon
 16'8½ Laura Allen
 32'10 Barby Brewster
 120'4 Barby Brewster
 117'2 Diane Wallila
 3653 Lu Ann Simon

58-Motor City TC - 10404

11.6 Karen Buford
 24.6 Leona Mathis
 54.7 Sandra Blount
 2:18.5 Sandra Blount
 4:56.0 Mickey Tupper
 15.4 Shirlan Woodbury
 32.3 Shirlan Woodbury
 5'6 Vann Abram
 17'2 Fay Johnson
 36'2¼ Barbara McMorris
 92'4 Pat Trigg
 110'10 Emma Willis

62-SC Missiles - 10178

11.9 Donna Beckstrom
 25.0 Donna Beckstrom
 57.2 Norris & McClung
 2:12.0 Debbie Norris
 4:56.5 Maria Stearns

 5'0 Linda Jackson
 18'10 Vicki Betts
 40'9½ Sherry Calvert
 135'0 Sherry Calvert
 184'7 Sherry Calvert
 3232 Alida Van Gores

43-Atoms TC - 11476

11.5 Pat Hawkins
 24.0 Adelain Clarke
 54.1 Cheryl Toussaint
 2:04.2 Cheryl Toussaint
 4:44.0 Shelley Marshall
 14.2 Pat Hawkins
 26.7 Pat Hawkins
 5'4 Clover Arthur
 18'¾ Brenda Merritt
 36'11 Diane Francis
 107'1 Roslyn Hurley
 85'1 Roslyn Hurley

47-Falcon TC - 11223

11.9 Janet Johnson
 23.9 Janet Johnson
 53.3 Janet Johnson
 2:02.2 Doris Brown
 4:16.8 Doris Brown

 5'6 Marjorie Saling
 17'11 Janet Johnson
 44'0½ Lynette Matthews
 159'6 Helen Thayer
 163'0 Virginia Husted
 4064 Gail Davis

51-Long Beach Comets - 10982

12.2 Daisy Booker
 25.2 Martha Watson
 56.3 Doreen Murrell
 2:10.7 Patty Cape
 4:54.9 Pam Jewell

 29.2 Jane Phineas
 5'0 Sandy Langevain
 19'10½ Martha Watson
 36'10¼ Sherrill Cochran
 101'8 Diana Mackley
 177'4 Kathy Schmid
 3963 Jane Phineas

55-Illini TC - 10610

12.1 Mollie Bolden
 25.1 Karen Wilbert
 57.4 Karen Wilbert
 2:26.1 Lyndell Wilken
 5:11.0 Lyndell Wilken

 29.1 Connie Peterson
 5'5¼ Connie Peterson
 16'5 Julie Bridges
 36'11½ Liz Sharp
 133'0 Liz Sharp
 135'0 Connie Peterson
 3999 Connie Peterson

59-Wolverines - 10246

12.2 Janet Rulison
 25.7 Debbie Lansky
 58.5 Bagian & Rulison
 2:11.1 Pam Bagian
 4:45.0 Pam Bagian

 30.0 Debbie Lansky
 5'4 Sue Parks
 18'¾ Sue Owens
 31'6 Connie Bilicki
 91'5 K. Moore
 109'0 K. Zimmerman
 3985 Sherice DuChamp

63-Liberty AC - 10152

11.8 Kathy Guiney
 24.4 Kathy Guiney
 59.4 Kathy Guiney
 2:17.5 Susan May
 4:30.0 Francie Johnson

 5'5 Alice Pfaff
 19'7½ Bethe McBride
 42'2 Sandy Draw
 132'0 Betty McDonnell
 128'0 Betty McDonnell
 3470 Betty McDonnell

General Interest

- BACK TRACK**, Maxwell Stiles. Collection of articles spanning 35 years of historic track & field, by a great track-writer. 80,000 words. Fine reading. 64pp. \$1.00
- BEST OF TRACK NEWSLETTER**. The highlights from a whole year of TN (old style): features, articles, profiles, etc.—all of continuing interest. '62, '63, '64, or '65 \$1.00
- BY-LINE 69**: An Annual Selection of Track & Field Writings. A new collection of 40 track articles from the year 1969. 96pp. \$1.50
- CHAMPIONSHIP PICTORIAL 69**. Almost 100 photos of AAU, NCAA, USTFF, NCAA Col. Division, & NAIA Championships. Fine, exclusive collection. 8 X 10. 64pp. \$2.00
- CHAMPIONSHIP PICTORIAL 70**. 100 photos of 1970's U.S. championship meets. 8x10. 64pp. \$2.00
- COURAGE TO CONQUER**. Fellowship of Christian Athletes book contains inspirational chapters on belief and behavior by Bob Richards, Brian Sternberg, Bill Bradley, John Wooden, and other sports luminaries. 127pp. \$3.95
- DECATHLON SCORING TABLES—MEN**. Official IAAF tables for decathlon, pentathlon, 17 other events. \$2.50
- DECATHLON SCORING TABLES—WOMEN**. IAAF tables on nine women's events. \$1.50
- ENCYCLOPEDIA OF (TRACK & FIELD) ATHLETICS**, Melvyn Watman. Produced in England, but of much reference value and interest. Lists, progressions, biographies, history, rules, etc. 2nd revised ed. 1967. 228pp. Illus. \$3.95
- FOUR MILLION FOOTSTEPS**, Bruce Tulloh's account of his record-breaking run across the USA in 1964. \$3.95
- GREAT MOMENTS in Track & Field**. Highlights of the post-war resurgence in track, taken directly from the pages of T&FN: feats of Patton, Bannister, O'Brien, Kuts, Elliott, others. 45,000 words. 64pp. \$2.00
- HEART OF A CHAMPION**, Bob Richards. Perennially popular work by the ex-PV ace. How to live like a champion, tales of track stars, their victories, etc. 160pp. '59. \$4.95
- HIGH SCHOOL TRACK—1971** (Formerly: High School T&F Annual). Reviews and lists for '70, '71 preview, feature stories, athlete of the yr., etc. The bible of prep track. \$1.00
- HIGH SCHOOL RULES & RECORDS 1971**. Official rules, state meet results, records, etc. Avail. Feb. 1971. \$1.00
- HOW TO BUILD A TRACK**, Tom Jones. Construction, specifications, indoor & outdoor tracks, etc. Only all-inclusive book of its kind. 1955. 80pp. Illustrated. \$4.50
- HOW TO BUILD YOUR OWN TRACK & FIELD EQUIPMENT**, Payton Jordan. How home-made materials can do the job. 1960. 16pp. \$75
- HOW TO JUDGE FIELD EVENTS**, 3rd ed. of this valuable British AAA booklet, by Victor Sealy, revised by C.A. Sinfield. 40pp. Illustrated. \$1.50
- INDOOR TRACK**. All-time and 1970 world indoor list; world, US, and European indoor "records"; descriptions of about 200 US & foreign indoor track facilities. Profiles of Delany, Nurmi, McGrady, Seagren, Hayes Jones. Great reading and reference. 48pp. Illus. \$1.50
- JOGGULARITY**. Former javelin ace, Al Cantello, in collaboration with cartoonist Bill Smith, has produced a rib-tickling cartoon book on the jogging fad. Buy several to hand out to your friends: good for lots of laffs. \$1.00
- KINGS OF DISTANCE**, Peter Livesey. Five distancemen from five different eras are compared: Deerfoot, Shrubbs, George, Nurmi, Zatopek. Fascinating study. Informative and enjoyable. Illus. 197pp. 1968. \$4.95
- LAP OF HONOUR**, Norman Harris. Great moments of NZ track: Lovelock at Berlin in '36, Snell's spectacular victories, Murray Halberg's gold medal, etc. 1963. 160pp. \$2.95
- THE MARATHON**, John Hopkins. Excellent history of the marathon, covering all important runners and races thru the years. A mine of information on Olympic and other methods, rules, results, etc. 1966. 110pp. Illus. \$3.75
- METRIC CONVERSION TABLES**. 1970 reprinting adds entries up to 318 feet. Now saddle-stitched instead of plastic bound for greater durability. Official ATFS tables. No double readings or interpolations needed. \$2.95
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- MODERN COACHING PSYCHOLOGY**, Curtiss Gaylord. A very useful guide on the psychology of coaching, applicable to coaches of all sports. How to get the most out of your athletes. 1967. 128pp. \$4.95
- MY RUN ACROSS THE UNITED STATES** is Don Shepherd's entertaining account of his 1964 73-day run from Los Angeles to New York. An extraordinary document of "true grit" that will have you cheering for him every step of the way. Illus., with sketches by the author. 224pp. \$3.50
- NCAA TRACK & FIELD GUIDE 1971**. Results, rules, records, photos, etc. See C.C. Available Feb. '71. \$2.00
- OUT IN FRONT**, George Gretton. The distance runner in history and what makes him tick. 157pp. \$4.95
- PACEMAKERS IN TRACK & FIELD**, Mac Davis. Interesting book for the fan and young reader, chronicling the moments of glory of 30 stars of yesterday & today: Jim Ryun, Wilma Rudolph, Owens, Warmerdam, Oerter, Matson, Rafer Johnson, etc. Illustrated. 128pp. 1968. \$3.95
- THE PHYSIOLOGICAL BASIS OF ATHLETIC RECORDS**, E. & P. Jokl. Monograph which delves into the limits of athletic performance and its physiological (and psychological) determinants. Much data from the world of track & field. 147pp. Illustrated. 20 tables. \$10.95
- PROBLEM ATHLETES & How to Handle Them**. Ogilvie & Tutko. Important study identifies common types of problem athletes and suggest ways of dealing with them. \$5.95
- THE REVOLT OF THE BLACK ATHLETE**. An inside account by Harry Edwards, founder and leader of the black Olympic boycott movement. Gives the background and causes of the black athletes' revolt in 1968, the Olympic Project for Human Rights, its development and future directions. Illustrated. 1969. 203pp. \$5.95
- STARTING AND TIMEKEEPING**, J.W. Aspland & H. Hathaway. New 1969, revised ed. of indispensable AAA book for officials, coaches, etc. Illustrated. 36pp. \$1.50
- STAYING THE DISTANCE** is the famous track novel by W.R. Loader. Published for limited sale in 1960, we are now able to offer this gem of track fiction for the first time. It's about the rise of a British distance runner, told in a manner unrivalled by any other writer for realism and appeal to the track fan. Order your copy now. Limited supply only. 222pp. \$3.50
- SUCCESS IN SPORT AND LIFE**, Percy Cerutty. Cerutty's latest work on the ingredients of success. Insight on life, work, training, bearing the general message: "all things are possible." Provocative, original. 1967. 168pp. \$4.95
- TECHNIQUE OF JUDGING TRACK EVENTS**, V.C. Sealy. AAA booklet. Rules, duties of officials, judging, etc. 1967. 36pp. Illustrated. \$1.50
- TECHNIQUE OF JUDGING FIELD EVENTS**. New edition (1970) of this British AAA publication \$1.50
- THERE'S A HUMAN BEING IN THAT SWEAT SUIT**. Marv Rothenstein, a 5000-mile-a-year "jogger," tells why and how he runs, with much practical information for the beginner. Good reading for everyone. 64pp. Paperb'd. \$2.00
- THOUGHTS ON THE RUN**. Joe Henderson has put together a beautiful 112-page volume of his thoughts on various subjects: failure, fear, hair, jogging, dogs, competition, quitting, losing, heroes, etc.—things that every runner thinks about. But Joe's felicity of expression and eminently quotable "stream of consciousness" make this a book that every athlete should read and treasure. '70. Illus. \$2.95
- TODAY'S ATHLETE**, ed. by Brian Mitchell. Interesting collection of 13 articles by contemporary observers of the track scene. Articles by Tom McNab, Bruce Tulloh, Tony Ward, etc. Good reading for every fan of the sport. 174 pp. Illustrated. 1970. \$4.95
- 20TH CENTURY TRACK**, T. Bennett. Covers planning, construction, costs, maintenance, etc. of all-weather, resilient surfaces. 1963. 80pp. Illustrated. \$4.50

THE LONG JUMP, D. C. V. Watts. AAA instructional book by well-known British coach. Rules, technique, faults and their correction, training, coaching, etc. 1968. Illus. \$1.50

MECHANICS OF THE POLE VAULT, Richard V. Ganslen. New 7th edition of the finest work on a single event ever compiled. Updated in all respects with countless photos & sequence strips on Seagren, Pennel, Nordwig, etc. \$3.00

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SHOT PUTTING, Ron Pickering. 1968 ed. of AAA book, the best ever written on the shot. Technique, training, wt. training, rules, mechanical principles, conditioning, coaching principles, etc. Illustrated. 44pp. \$1.50

SO YOU WANT TO BE A HIGH JUMPER, Bud Winter. Text mainly for beginners, but useful to coaches and experienced jumpers. Illustrated. 1959. 71pp. \$2.50

TRIPLE JUMP, Tom McNab. Internationally-known coach presents a definitive treatment of this oft-neglected event. Foreword by Fred Alsop. Technique, training, rules, exercises, styles. Fully illustrated. 1968. 56pp. \$1.50

All Events

THE AMERICAN TRAINING PATTERN, Tom Rosandich, Bob Lawson, Paul Ward. A new book on the development of speed and stamina, honing track skills, building strength by three noted experts. A training system designed particularly for the school competition program in the U.S.—must reading for every coach. 1970. 70 pages. \$3.00

BEGINNING TRACK & FIELD, John Cooper. Good, new book for young t&f aspirants covering all events in readable form. Rules, training, eqpmt., etc. Illus. 1969. 60pp. \$1.75

CHAMPIONS IN THE MAKING, Payton Jordan & Bud Spencer. Quality training for beginner and veteran alike. All events, technique, conditioning, mechanics, etc. covered by two of the sport's keenest minds. 280pp. '68. \$7.95

CHAMPIONSHIP TECHNIQUES IN TRACK & FIELD, Leroy Walker, coach of Lee Calhoun, Ed Roberts, Norm Tate, etc. Methods for producing champions: training, technique, conditioning, etc. for all events. 1970. 206pp. Illus. \$11.95

COMPLETE GUIDE TO HIGH SCHOOL TRACK & FIELD COACHING, Ray Kring. An essential book for every prep coach. Chapters on selling your program, practice organization, staging a meet, coaching of all events, making equipment, much more. 1968. 235pp. Illustrated. \$11.95

INTERNATIONAL T&F COACHING ENCYCLOPEDIA, F. Wilt & T. Ecker. In-depth work with contributions by leading world experts. 22 chaps. on technique & training, all events. "Must" for the modern coach. 350pp. '70. \$12.75

MECHANICS OF ATHLETICS, Geoffrey Dyson. The most important book on the basics of motion in track. \$5.95

MODERN TRACK & FIELD, Ken Doherty. Probably the best all-around text in the field. Intensive study for expert & beginner. All revised 1963. Illustrated. 512pp. \$11.95

MOVIES ON PAPER. Ken Doherty's widely known work is a set of 3 books: Running & Hurdling, Throwing, and Jumping, each about 85pp. There are over 75 sequence drawings, 300 individual sketches, all taken from photos of stars in action. 1967 ed. \$3.00 per book. The set, \$7.75

TRACK TECHNIQUE: The Technical Quarterly of Track & Field. Edited by Fred Wilt, TT contains contributions on technique, training, theory, psychology, etc. \$3.00 a year

TRACK & FIELD, K. Foreman & V. Husted. Handy booklet on the hows & whys of the sport for beginner and veteran performer. Technique, strategy, rules, etc. 72pp. \$1.50

TRACK & FIELD ATHLETICS, Cretzmeyer, Alley & Tip-ton. 7th, revised edition of Bresnehan & Tuttle's basic text on technique and fundamentals. Illus. 1969. 480pp. \$11.95

TRACK & FIELD FOR COACH & ATHLETE, John Cooper, Jim Lavery, Bill Perrin. 2nd, revised ed. Updated 1970. Noted text on training & skill development, now enlarged to cover x-country, hammer, steeplechase. All events in detail, with many sequence drawings. 270pp. \$9.95

TRACK & FIELD GUIDE FOR GIRLS AND WOMEN. 1970-72 edition. Published by AAHPER, ed. by Phoebe Wienke. Official rules, records, standards for girls & women, plus several fine technical articles by Ken Foreman, Barbara Palm, Virginia Husted, Harmon Brown, et al. 151pp. \$2.00

TRACK & FIELD TECHNIQUES FOR GIRLS & WOMEN. Excellent technique work by Ken Foreman & Virginia Husted. Illustrated. 1965. 188pp. \$4.50

Physical Fitness

BE FIT OR BE DAMNED, Percy Cerutti's latest ode to fitness covers the needs, diet, philosophy, and specific programs for those with only 15 min. a day to spend. Also 30-min. programs. 172pp. Illustrated. 1967. \$4.50

CIRCUIT TRAINING, R. Sorani. Program aiming to increase muscular strength & endurance through progressive overload exercises. Illustrated. 72pp. 1966. \$1.50

THE DISABILITIES AND INJURIES OF SPORT. A. Abrahams. Practical handbook which summarizes prevention & care of athletic injuries. Of particular value to trackmen as topics cover Stitch, Cramp, Stiffness, the Knee, Lungs in Exercise, much more. 93pp. 1961. \$2.25

EXERCISE WITHOUT MOVEMENT, Bob Hoffman. Physical fitness through isometrics by a world figure in physical training. For men, women, children. 1962. \$1.25

GUIDELINES FOR SUCCESSFUL JOGGING. Nat'l Jogging Assn. booklet presents the case for jogging, why and how. Ladies, quantity, pacing, testing, etc. 32pp. '70. \$1.00

MODERN PRINCIPLES OF ATHLETIC TRAINING, Klafs & Arnheim. 2nd, revised 1969 ed. of definitive text on athletic training. A must for coach and trainer. Covers mechanisms of athletic injuries, conditioning, injury prevention, specific treatments, etc. 568 illus. 448pp. \$10.95

MUSCLE TRAINING FOR ATHLETES, Samuel Homola. Resistance exercises, isometrics, resistive bodyweight exercises, endurance and power thru circuit training, weight training for running & jumping, exercise in the prevention and correction of injuries, etc. Valuable book, with many specific exercises and programs. 241pp. Illus. 1968. \$9.75

THE NEW AEROBICS, Dr. Kenneth Cooper. Cooper's updating of his aerobic exercise system, with age- and sex-adjusted exercise schedules, point evaluations for new kinds of exercise (stair climbing, hill running, etc.), special chapter for women, etc. 1970. 191pp. \$5.95

PHYSICAL & PHYSIOLOGICAL CONDITIONING FOR MEN, Benj. Ricci. Exercise program for fitness: resistance exercises, weight training, circuit training, isometrics, heart-lung endurance training, etc. Illus. 64pp. 1966. \$1.50

RUN FOR YOUR LIFE: Jogging with Arthur Lydiard. Lydiard's program of fitness thru jogging is of immediate interest and importance to all. Illus. 1965. Paperbound. \$2.50

STRENGTH TRAINING FOR TRACK & FIELD ATHLETICS, Ron Pickering. Best all-around book on the subject. Resistance exercises, weight training, various forms of strength tng., isometrics, etc. Illus. 72pp. 1968. \$1.50

SUPER FOOD FOR SUPER ATHLETES, A. Fleming. High protein, quick energy, bulk-up, etc. diets for athletes. \$2.95

TREATMENT AND PREVENTION OF ATHLETIC INJURIES, Dolan & Holladay. 3rd ed. of a long-time standard handbook. A must for coach, trainer, team physician, etc. 1968. Illustrated. 522pp. \$9.95

TIPS ON ATHLETIC TRAINING, A.M.A. 10 booklets on conditioning & health. Vital background for all. \$2.50

WEIGHT TRAINING, F. Ryan. How to become a better athlete thru systematic weight trg. Illus. 1969. \$4.95

WEIGHT TRAINING, P.J. Rasch. Easy-to-follow survey of the topic, covering weight tng. for athletes, programs for beginners, advanced methods, etc. 77pp. Illus. 1966. \$1.50

WEIGHT TRAINING IN ATHLETICS, Murray & Karpovich. Step-by-step program of strength development for all sports. 214pp. Illustrated. 1956. \$6.25

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- THE CONDITIONING OF DISTANCE RUNNERS**, Tom Osler. "Turtle" Osler's training ideas, based on years of his own successful running and observation. Common-sense discussion aimed at the 10,000m.-and-up level, but very useful to other runners as well. 1967. 29pp. \$1.25
- CROSS-COUNTRY TECHNIQUES ILLUSTRATED**, Don Canham. Good treatment for the x-country coach and athlete. 1953. 96pp. Illustrated. \$5.75
- COMPUTERIZED RUNNING TRAINING PROGRAMS** is a useful new work for runner & coach. Using a computer, Jim Gardner & Gerry Purdy have taken the guesswork out of interval training, devising sets of workouts geared to the specific ability of each runner, all distances. 100pp. of text, with 122pp. of tables. \$4.50
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- HIGH SCHOOL RUNNERS & Their Training Programs**, Joe McNeff. "How They Train" for the h.s. runner & coach. Workout programs of over 100 recent prep aces, including Ryun, Morton, etc., 440-10 miles. 1968. Illustrated. Soft Cover \$3.00, Hard Cover \$4.50
- HOW THEY TRAIN**. Training programs of top stars, 880-10,000m. Articles on interval training, running form, etc. Now in 4th printing. By Fred Wilt. Paper \$2.00, Hard \$3.50
- HURDLERS BIBLE**, Wilbur Ross. Second all-revised edition of THE book for hurdlers and coaches, the most complete work on hurdling ever produced. By Wilbur Ross, coach of Elias Gilbert, Russ Rogers, Fran Washington, etc. Everything on technique & training, style comparisons, etc. Illustrated. 150pp. \$3.95
- HURDLING**, J. LeMasurier. Valuable British AAA booklet covers technique, training, exercises for all 3 hurdles, 1966. 40pp. Well illustrated. \$1.50
- JET SPRINT RELAY PASS**, Bud Winter, Track Coach, San Jose State, explains the jet sprint relay style, which incorporates Russian pickup, English getaway, American sprint form, German verbals. 1964. 38pp. Illustrated. \$2.50
- LONG DISTANCE RUNNING**, Martin Hyman & Bruce Tulloh, former distance greats. Excellent AAA instructional book. Training, theory, etc. from 2-mile to marathon. 1966. 31pp. Illustrated. \$1.50
- THE LONGEST DASH**, John Telford. Veteran quartermiler tells the story of his event: pace, workouts, training, competitive thrills, history, etc. 44pp. Illus. 1965. \$1.00
- LONG SLOW DISTANCE: The Humane Way to Train**. Joe Henderson's alternative to back-breaking interval training for distance runners. Fine reading for all. 1969. \$2.00
- LYDIARD'S RUNNING TRAIN'G SCHEDULES**. New (1970) 2nd edition, including updated tables and schedules devised by the famed New Zealand coach. 880-up. \$1.50
- MIDDLE DISTANCE RUNNING**, Percy Cerutti. One of Cerutti's finest technique works. Hill running, diet, programs for youngsters, schedules, etc. 1964. 195pp. \$4.50
- MIDDLE DISTANCE RUNNING**, A.P. Ward. British AAA booklet. Technique, tactics, training to six miles. 1967. 56 pp. Illustrated. \$1.50
- MODERN TRAINING FOR RUNNING**, Ken Doherty. Definitive text with chapters on motivation in endurance running, holism in endurance running, role of the coach, systems of training, style and pace, etc. 280pp. 1964. \$10.95

- OLYMPIA CROSS COUNTRY CLINIC NOTES**, ed. Tom Rosandich. Organization, admin. & promotion, fundamentals, training, tactics, much more. 26 contributors from h.s. & college x-country coaching ranks. 1968. 120pp. \$2.95
- RACE WALKING**. Technique & training by British champion Harold Whitlock. Illustrated. 62pp. 1957. \$1.95
- ROAD RACERS AND THEIR TRAINING**, Joe Henderson. The first comprehensive survey: workout programs, philosophies, personalities of 60 top road runners (Clayton, Ken Moore, Ron Hill, Burfoot, Corbitt, etc.). 96pp. 1970. \$2.50
- ROCKET SPRINT START**, Bud Winter, coach of sprint greats. Analysis of Armin Hary-style start. Stage by stage comparison of orthodox & rocket start. 24pp. Illus. \$2.50
- RUN RUN RUN**, Fred Wilt. Most useful book ever on running training. All training methods, theory, tactics, warm-up and pace, from sprinting thru marathon, etc. 30 chapters in 281 packed pgs. 3d printing. Paperb'd, \$3.50; hard, \$5.00.
- RUN TO THE TOP**. Great technique work by Arthur Lydiard, one of the world's most influential distance coaches. 2nd ed., revised 1967. Adjusted schedules & training programs. A must for your library. 149pp. Illustrated. \$4.95
- SO YOU WANT TO BE A SPRINTER**, Bud Winter. Rudiments of sprinting by one of the globe's foremost sprint coaches. 48pp. Illustrated. 1956. \$2.50
- SPORTS ILLUSTRATED BOOK OF TRACK & FIELD: RUNNING EVENTS**, Jim Dunaway & editors of SI. Winning techniques for sprints, middle & long distances, hurdles—for beginner and competing runner. 85pp. '68. \$3.50
- SPRINTING AND RELAY RACING**, Bill Marlow. AAA booklet. Technique, starts, training, exercises, rules, training aids, etc. 1966. Illustrated. \$1.50
- STAMPFL ON RUNNING**. Theories and schedules of interval training by the acclaimed coach Franz Stampfl. Foreword by Roger Bannister. 1956. Illustrated. 159pp. \$3.95
- TRACK ATHLETICS**, Bill Marlow & Denis Watts, '68 British Olympic coaches. Superb new guide to the fundamentals of running events, including hurdling, relays, steeplechase, strength training, tactics, starting, etc. 1960. \$4.25
- TULLOH ON RUNNING**. Ex-distance ace Bruce Tulloh covers training, tactics, motivation, etc. 800m. up. Schedules for various levels, current theories, etc. 149pp. '69. \$3.95
- WHAT RESEARCH TELLS THE COACH ABOUT DISTANCE RUNNING**, D.L. Costill. AAHPER study gives latest research findings on topics related to distance running: physiology, training methods, nutrition, etc. 49pp. '68. \$2.95

Field Events

- DISCUS THROWING**, John LeMasurier. British AAA instructional booklet on rules, technique & training, fundamentals, etc. 1967. Illustrated. 40pp. \$1.50
- GERMAN PHOTO-SEQUENCE BOOKS**. T. & E. Nett. Excellent photo strips. **BOOK IV: LONG JUMP** shows Boston, Beamon, Ter-O, Mary Rand, 25 more. **BOOK V: TRIPLE JUMP** shows Schmidt, Saneyev, Prudencio, Dudkin, 18 others. German text, but fine sequence photos. \$2.50 per book
- HAMMER THROWING**, Howard Payne. New AAA book contains a full discussion of the event by a world class thrower: technique, training, rules, exercises, etc. The fullest treatment of the event ever written. 1969. \$2.95
- HIGH JUMP**, D. C. V. Watts. 6th, revised 1969 ed. of this informative AAA instructional book. Rules, technique, and training schedules, much more. Illustrated. 40pp. \$1.50
- HIGH JUMP**, Dr. Frank Ryan. A noted coach provides a solid presentation of high jump style, technique, conditioning and strength exercises, etc. Well illustrated. '69. \$4.95
- HIGH JUMPING**. Authoritative guide by V.M. Dyatchkov, USSR national HJ coach of Brumel, etc. All aspects of HJ analyzed, technique, training, exercises, preparation, etc. 34pp. In Track Technique No. 36. \$1.00
- JAVELIN THROWING**, Wilf Paish. Guide to technique, training, etc. AAA instructional book. Illus. 1967. \$1.50

CLUB RECORD CONTEST (Continued)

<u>64-Tennessee State - 10027</u>		<u>65-Lassen Cinderellas-9905</u>		<u>66-Lipke TC - 8206</u>		<u>67-Siuslaw HS (Ore) - 7989</u>						
100	11.0	Wyomia	Tyus	12.2	Molly	Michels	12.4	Chris	Lamb	12.8	Buss &	Winther
200	22.9	Wilma	Rudolph	25.6	Molly	Michels	27.0	Mary	Heffner	27.2	Sherry	Wells
400	54.0	Una	Morris	59.4	Janet	Alway	61.5	Sharon	Groth	58.0	Sherry	Wells
800	2:00.9	Madeline	Manning	2:26.9	Janet	Alway	2:25.9	Sharon	Groth	2:13.4	Sherry	Wells
1500	----	-----	-----	4:40.5	Kathy	Law	5:11.6	Ella	Willis	5:09.0	Sherry	Wells
100H	----	-----	-----	16.1	Janet	Alway	----	-----	-----	----	-----	-----
200H	----	-----	-----	30.0	Janet	Alway	----	-----	-----	----	-----	-----
HJ	5'11	Eleanor	Montgomery	5'2	Janet	Alway	5'0 1/4	Dawn	Zatkoff	4'5	Rowan &	Eckroth
LJ	21'0 1/4	Martha	Watson	17'7	Molly	Michels	17'1 1/4	Chris	Lamb	15'7	Patty	Buss
SP	34'1 1/4	Patricia	Monsanto	----	-----	-----	29'6	Sheila	Tighe	43'1	Mary	Jacobson
DT	121'9	Patricia	Monsanto	93'1	Dale	Phillips	78'1	Sheila	Tighe	106'0	Elaine	Vancurler
JT	97'8	Patricia	Monsanto	110'3	Dale	Phillips	97'3	Sheila	Tighe	99'8	Susan	Hunt
Pent	4360	Joann	Terry	3387	Janet	Alway	2480	Ella	Willis	----	-----	-----
<u>68-Knoxville TC - 7275</u>		<u>69-Alcorn A&M - 7165</u>		<u>69-Penn Striders - 7165</u>		<u>71-Shore AC - 6924</u>						
100	11.9	Terry	Hull	11.3	Mildrette	Netter	12.2	Beverly	Crawford	12.1	Mary	Vliet
200	24.3	Terry	Hull	23.9	Mildrette	Netter	26.3	Pat	McCormick	25.1	Mary	Vliet
400	54.7	Terry	Hull	56.3	Mary Jane	Norells	60.7	Jaynie	Colton	63.9	Mary	Vliet
800	2:10.1	Terry	Hull	2:24.0	Mary Jane	Norells	2:24.1	Jaynie	Colton	----	-----	-----
1500	4:55.0	Terry	Hull	----	-----	-----	----	-----	-----	----	-----	-----
100H	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
200H	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
HJ	4'8	Carol	Israel	5'0	Geraldine	Bateman	5'4	Susan	Smith	5'1	Barbara	Friedrich
LJ	19'2 1/2	Judy	Penton	17'10	Mildrette	Netter	15'11	Becky	Smith	15'10	Alexis	Crawford
SP	----	-----	-----	35'7	Vera	Magee	33'5	Roberta	Cservak	50'3 1/4	Maren	Seidler
DT	----	-----	-----	110'11	Gertude	Jamison	116'4	Mary	McIntyre	109'11	Barbara	Friedrich
JT	78'6	Judy	Meade	----	-----	-----	98'0	Mary	O'Connor	198'8	Barbara	Friedrich
Pent	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
<u>72-Sports International - 6236</u>		<u>73-Ambler OC - 5994</u>		<u>74-Denver All Stars-5644</u>		<u>75-Miami Run For Fun - 5246</u>						
100	11.8	Jane	Burnett	12.2	Dawn	McIntyre	11.7	Pam	Greene	11.8	Joyce	Tinker
200	24.0	Jane	Burnett	25.6	JoAnne	Dean	23.5	Pam	Greene	24.3	Joyce	Tinker
400	52.3	Charlette	Cooke	56.5	Gail	Jefferson	70.1	Sharlene	Elliott	57.5	Debra	Dukes
800	2:05.3	Charlette	Cooke	2:19.2	Gail	Jefferson	----	-----	-----	----	-----	-----
1500	4:51.0	Charlette	Cooke	----	-----	-----	----	-----	-----	----	-----	-----
100H	----	-----	-----	----	-----	-----	14.6	Pia	Dennis	----	-----	-----
200H	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
HJ	----	-----	-----	4'10	Cheryl	Jones	5'2	Pia	Dennis	4'9	Sheila	Blount
LJ	18'10	Jane	Burnett	17'7 1/2	JoAnne	Dean	16'2 1/2	Pia	Dennis	19'0	Barbara	Williams
SP	----	-----	-----	33'4	Cindy	Abela	28'9	Debra	Sims	30'10	Nadine	Brownlee
DT	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
JT	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----
Pent	----	-----	-----	----	-----	-----	----	-----	-----	----	-----	-----

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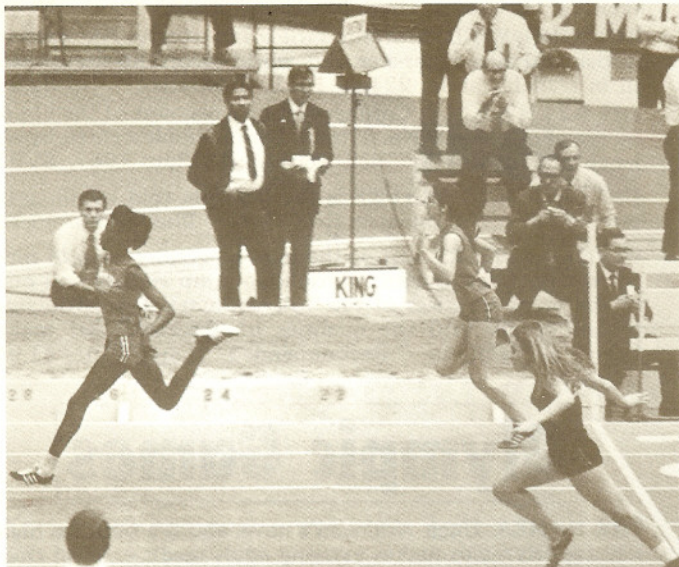
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"MARVELOUS" MAVIS LAING begins her 1971 season with an easy 6.9 victory at the Albuquerque Indoor Invitational winning over teammate Judy Rejebian of the Phoenix TC who was clocked in 7.0 and Cynthia Wales, Albuquerque OC, third in 7.1s. The margin looks to be greater than 0.1 however. Photo by Raymond Kroker.

BRILL 6'0³/₄ AT ALBUQUERQUE

Albuquerque, New Mexico, January 23:-Canada's Debbie Brill set a new American All-Comers record in the high jump with a personal best leap of 1.845/6'0³/₄ to highlight the Annual Albuquerque Indoor Invitational. Carol Hudson of the Albuquerque Olympette Club came close to the world mark for 600 yards as she posted a 1:22.5 victory over Kathy Gibbons, just missing Cheryl Toussaint's 1:22.2 record set last year in Toronto. Mavis Laing had an easy win in the 60 although timers credited her with just a 0.1 margin of victory - actually Mavis was a full two yards ahead of runner-up Judy Rejebian. Jan Glotzer whipped a good field in the 60y hurdles with an 8.0 victory time as she downed Sallie Caton, Pat Donnelly and Bobette Krug among others. The Phoenix Track Club scored a close 0.2 win over the newly formed San Diego Metro TC to win the four lap relay.

RESULTS: 60y, 1-Mavis Laing (Phoenix TC) 6.9, 2-Judy Rejebian (PTC) 7.0, 3-Cynthia Wales (AOC) 7.1; 60yH, 1-Jan Glotzer (PTC) 8.0, 2-Sallie Caton (AOC) 8.1, 3-Pat Donnelly (SDM) 8.2...7-Bobette Krug (SDM) no time; 220y, 1-Nancy Benson (SDM) 25.0, 2-Lisa Chiavario (AOC) 26.0 (25.9h), 3-Pat Benson (Denver AS) 26.3; 600y, 1-Carol Hudson (AOC) 1:22.5 (500y time 1:08.5), 2-Kathy Gibbons (Un, Arizona) 1:23.1, 3-Wendy Koenig (Colorado Gold) 1:24.7; HJ, 1-Debbie Brill (Canada) 6'0³/₄, 2-Toni Churchill (Nebraska TC) 5'3³/₄, 3-Cheryl Friesen (Topeka Cosmos) 5'3³/₄; 4 Lap Relay, 1-Phoenix TC (Glotzer-Laing-Anne Gallaher-Rejebian), 2-San Diego Metro TC (Krug-Donnelly-Kim Thiel-Benson) 1:19.8, 3-AOC (Chiavario-Caton-Carol Slocum-Hudson) 1:20.7.

SASKATCHEWAN INDOOR

Saskatoon, Saskatchewan, Canada, January 30:-Debbie Brill was the standout performer at the Third Annual Saskatchewan Indoor T&F Meet as she hopped over 5'11/1.80 in her first outing of the year. Veteran Irene Piotrowski had a good 57.4 for a win in the 400 and Diane Jones downed her younger sister Joanne to win the pentathlon with 4349 to 4114.

Other results included:

800m, 1-Penny Werthner (McMasters U) 2:18.6, 2-TheIma Fynn (UBC) 2:18.8, 3-Shauna Miller (Edmonton OC) 2:19.6; 400m, 1-Irene Piotrowski (Vancouver) 58.6, 2-Penny Werthner 58.3, 3-Brenda Walsh (UA) 59.1, 4-Donna Skogstad (Brandon Sundowner) 60.5 (58.3h); HJ, 1-Debbie Brill 5'11, 2-Brenda Steffason (16) Nanaimo, 5'8; Pentathlon, 1-Diane Jones (US) 4349 (44'0³/₄-5'3-6.0 (40yH)-17'4¹/₂-27.3), 2-Joanne Jones (Saskatchewan TC) 4114, 3-Liz Damman 3843. Senior Women's Events: HJ, Elizabeth Vanderstam 5'3³/₄; 200m, Vanderstam 26.3; 1500m, Shauna Miller 4:42.0s.

CENTRAL AAU CHAMPIONSHIPS

January 15:-Old veterans returned to the 1970 track wars tonight with some scintillating performances. Iris Davis, Mamie Rallins, Dianne Kummer, Gwen Norman and Beth Bonner were all winners in the Central AAU Championships.

RESULTS: 880, 1-Sue Parks (Wolverines) 2:18.6; HJ, 1-Connie Peterson (Illini TC) 5'3, 2-Sue Parks 5'3, 3-Diane Waters (Tenn State) 5'2; SP, Josephine Dela Vina (MDYF) 41'0; LJ, 1-Diane Kummer (MDYF) 19'0³/₄, 2-Debra Wedgeworth (TSU) 17'11¹/₄, 3-Deborah Smith (TSU) 17'10³/₄, 4-Jaynice Mims (PAL) 17'3³/₄, 5-Carol Thomson (Sports International) 17'3³/₄; 440y, 1-Gwen Norman (SITC) 55.1, 2-Jane Burnett (SITC) 56.7, 3-Maeoper West (MDYF) 57.1; 60y, 1-Iris Davis (TSU) 6.9, 2-Katheryne Jones (MDYF) 7.0, 3-Pat Henderson (MDYF) 7.0; 220y, 1-Kummer 25.2, 2-Jill Thomas (Kirkwood TC) 25.2; 60yH, 1-Mamie Rallins (MDYF) 7.9, 2-Thomson 8.0; Mile, 1-Beth Bonner (Delaware TFC) 4:59.3; 4x440 relay, 1-Sports International 3:50.4.

REGION 6 CHAMPIONSHIPS

Urbana, Illinois, January 16:-Good performances were the rule as Region 6, (Central Indiana, Kentucky, Ohio, Lake Erie, Michigan and West Virginia), staged their championships at the University of Illinois field house.

RESULTS: 60yH, 1-Mamie Rallins (MDYF) 7.8, 2-Debbie Lansky (Wolverines) 8.0; 60y, 1-Katherine Jones (MDYF) 7.0, 2-Laurie Barr (Ohio TC) 7.0, 3-Pat Henderson (MDYF) 7.1...5-Rallins; 220, 1-Laurie Barr 24.8, 2-Diane Kummer (MDYF) 25.4, 3-Henderson 25.5, 4-Jones 26.1; 440y, 1-Beth (Hutson) Warner (Ohio TC) 57.4, 2-Maeoper West (MDYF) 59.2; 880, 1-Pam Bagian (Wolverines) 2:15.7, 2-Paula Strack (Kettering) 2:18.2; Mile, 1-Monique Opiola (Terre Haute) 5:17.0; LJ, 1-Willye White (MDYF) 19'5³/₄, 2-Kummer 18'2³/₄; HJ, 1-Sue Parks (Wolverines) 5'4, 2-Connie Peterson (Illini TC) 5'3, 3-Cynthia Clemmons (Col. Comm) 5'3; SP, Josephine Dela Vina (MDYF) 39'0³/₄; 4x440 relay, 1-MDYF 4:02.6, 2-Ohio TC 4:04.8, 3-Toledo RR 4:05.3.

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ASIAN GAMES

Bangkok, Thailand, December 10-15:-The Asians staged their colorful Games amid the December "winter" of Bangkok and while there were rains, the heat was not as oppressive as in 1966 when these Games were also held in the seat of old Siam.

Records fell by the score and good performances were achieved in nearly every event. The Asian countries are fast improving in track and field and once they begin to send full compliments of athletes to their regional competitions, they will begin to make an imprint on world rankings and lists.

Israel's Hanna Sheziffi turned in two world class marks when she walked away with both the 800 and 1500 meter runs in 2:06.5 and 4:25.1s. She had absolutely no competition in either race. Her teammate Ester Shakhmurov was a big scorer with wins in the 100m hurdles (14.0), pentathlon (4530) and a second in the long jump (19'6) a mark which led the competition until the 5th round.

Chi Cheng, voted by the sportswriters as "Asian Athlete of the Year", entered the competition with muscle pulls in both legs and managed to get through five races by running at 3/4 effort. Unfortunately only one of the five was a final and she wound up with the gold in the 100 winning in 11.6s. She finally pulled up completely in the 400m final with only 60 yards to go and with a huge lead - but fell to the track in her sixth race of the competition.

Asians desperately need a "governing body" which understands how to stage such a competition as this which involved 13 nations. For example, in both sprints the first heat was in effect a final as ALL the good runners from ALL of the countries were put together - thereby eliminating some national champions. In the 100m dash final, the first four places were all from the same heat. In the 200 it was the same situation as the first three finishers were all from heat one - and Chi did not run the 200 final but was also in heat one.

RESULTS: 100m, Heat 1, 1-Chi Cheng (ROC) 11.6, 2-Yamada Keiko (Japan) 12.1, 3-Amelita Alanes (Philippines) 12.5, 4-Rieupassa (Indonesia) 12.5; heat 2, 1-K. G. Badra (Ceylon) 12.3, 2-Emiko Konishi (Jap) 12.4, 3-Gloria Barnabas (Singapore) 12.7, 4-Angamah Vengadasalam (Malaysia) 12.8; Heat 3, 1-Kheng Meas (Cambodia) 12.3, 2-Shushila Wadhuma (Sgp) 12.6, 3-Salvacion Ordoyo (Ph) 12.7, 4-Mei-Yu Hung (ROC) 12.7; Semi-final 1, 1-Chi 11.6, 2-Alanes 12.3, 3-Konishi 12.4, 4-Barnabas 12.7; Semi-final 2, 1-Yamada 12.0, 2-Rieupassa 12.2, 3-Magnum (Burma) 12.3, 4-Badra 12.3; FINAL, 1-Chi 11.6, 2-Yamada 12.1, 3-Rieupassa 12.4, 4-Alanes 12.4, 5-Badra 12.5, 6-Konishi 12.6, 7-Magnum 12.6, 8-Barnabas 12.6. 200m, Heat 1, 1-Chi Cheng (ROC) 23.7, 2-Yamada 24.7, 3-Rieupassa 25.2, 4-Alanes 25.2, 5-Badra 25.6, 6-Magnum 25.7; Heat 2, 1-Liang Su-Chao (ROC) 25.7, 2-Meas Kheng (Cam) 25.9, 3-Ritsuko Sato (Jap) 25.9, 4-Salvacion Ordoyo (Phi) 26.1; FINAL, 1-Yamada 25.0, 2-Alanes 25.2, 3-Rieupassa 25.4, 4-Liang 25.5, 5-Sato 25.8, 6-Kheng 25.9, 7-Ordoyo 26.1, Chi did not run. 400m, Heat 1, 1-Avlin Balas (Israel) 57.1, 2-Chi Cheng (ROC) 57.5, 3-Rosalinda Yomol (Phi) 59.6, 4-Chee Swee Lee (Sgp) 61.0; Heat 2, 1-Kamajit Sandhu (India) 57.2, 2-Nobuho Kawano (Jpn) 57.3, 3-Maimoon Abu Bakar (Sgp) 58.1, 4-Liang, Su-Chao (ROC) 58.2; FINAL, 1-Sandhu 57.3, 2-Balass 57.3, 3-Kawano 57.4, 4-Liang 58.6, 5-Abu Bakar 59.3, 6-Chee 59.8, 7-Yomol 60.0, Chi did not finish. 800m, Heat 1, 1-Hanna Sheziffi (Isr) 2:17.9, 2-Mikayo Inoue (Jpn) 2:18.3, 3-Isabel Cruz (Phi) 2:19.3, 4-Nu Nu Yee (Burma) 2:20.2, 5-Lee Boy-Yee (ROC) 2:24.3; Heat 2, 1-Avlin Balas 2:19.7, 2-Nobuko Kawano (Jpn) 2:19.8, 3-Lee Chow-Hsi (ROC) 2:19.9, 4-Rosalinda Yomol (Phi) 2:21.0; FINAL, 1-Sheziffi 2:06.5, 2-Kawano 2:11.7, 3-Cruz 2:13.5, 4-Inoue 2:13.5, 5-Lee 2:18.9, 6-Yomol 2:21.1, 7-Nu 2:24.3, Balass did not run, (Balass started in lane 8, took a few steps, thought there had been a recall, stopped, looked and by then it was too late - everyone was gone around the turn). 1500m, 1-Sheziffi 4:25.1, 2-Inoue 4:40.2, 3-Lee, Chow-Hsa (ROC) 4:41.4, 4-Kimie Aoyama (Jpn) 4:44.7, 5-Cruz 4:46.8, 6-Choi-Young Shin (Korea) 4:47.0, 7-Ampron Tongsean (Thailand) 4:56.2, 8-Nu Nu Yee 4:58.9, 9-Lee Boy-Yee (ROC) 5:01.4, 10-Sanit Patumanont (Tha) 5:09.3. 100mH, 1-Ester Shakhmurov (Israel) 14.0, 2-Ayako Natsume (Jpn) 14.0, 3-Lin Yuen Shiang (ROC) 14.6, 4-Manjit Walia (Ind) 14.6, 5-Gan Bee Wah (SGP) 15.2, 6-Taculod (Phi) 16.0; 4x100m relay, 1-Japan (Yamada-Sato-Konishi-Tsushima) 47.2, 2-Singapore 48.0, 3-Republic of China 48.1, 4-

Indonesia 48.2, 5-Philippines 48.3; High Jump, 1-Michiyo Inaoka (Jpn) 1.70/5'7, 2-Kumie Suzuki (Jpn) 1.66/5'5½, 3-Lolita Lagrossas (Phi) 1.56/5'1½, 4-Barbara Kyaw Bwa (Burma) 1.53/5'0¼, 5-Chai Ng Mei (Mal) 1.50/4'11¼, 6-Lin Chun-Yu (ROC) 1.44/4'8¾, 7-Suppattra Bosuwan (Tha) 1.44/4'8¾; Long Jump, 1-Hiroko Yamashita (Jpn) 6.02/19'9, 2-Ester Shakhmurov (Isr) 5.94/19'6, 3-Keito Tsuchida (Jpn) 5.75/18'10½, 4-Lin Yuen Shiang (ROC) 5.58/18'3¾, 5-Lolita Lagrossas (Phi) 5.42/17'9½, 6-Chau Pim-Chi (Hong Kong) 5.39/17'8¾, 7-Kim Mom (Cambodia) 5.23/17'2, 8-Suntri Srichaigam (Tha) 4.70/15'5, 9-Shahla Lafavi (Iran) 4.52/14'10. Shot Put, 1-Ok Ja Paik (South Korea) 14.57/47'9¾, 2-Satoe Matsusaki (Jpn) 14.07/46'2, 3-Yoko Saito (Jpn) 13.86/45'5¾, 4-Jennifer Tin Lay (Burma) 13.85/45'5¾, 5-Chen Fu-Mei (ROC) 12.77/41'10¾, 6-Shui Chu-Ling (ROC) 10.14/33'3¾. Discus Throw, 1-Teruko Yagashita (Jpn) 47.70/156'6, 2-Yoko Saito (Jpn) 44.42/145'8, 3-Baik Ok-Ja (SK) 44.02/144'5, 4-Shi Chui-Ing (ROC) 42.40/139'1, 5-Pranee Kittipongpithaya (Tha) 38.56/126'6, 6-Uch Bay (Camb) 37.08/121'8, 7-Chen Fumei (ROC) 36.02/118'2. Javelin Throw, 1-Nobuko Morita (Jpn) 49.84/163'6, 2-Sakiko Hara (Jpn) 48.12/157'10, 3-Lee Bok Soon (Kor) 43.70/143'4, 4-Phen Proch (Camb) 41.44/135'11, 5-Sin Eang (Camb) 40.72/133'7. Pentathlon, 1-Ester Shakhmurov (Isr) 4530 (14.1 - 10.54/34'7 - 1.50/4'11 - 5.83/19'1½ - 24.7), 2-Lin Chun-Yu (ROC) 4382 (14.7 - 10.64/34'11 - 1.54/5'0¼ - 5.70/18'8½ - 25.7), 3-Lolita Lagrossas (Phi) 4020, 4-Kyoko Shimizu (Jpn) 3528, injured in LJ, did not run 200; 5-Kim Mom (Cambodia) 3304, 6-Supattra Bosuwan (Thailand) 2967.

22 WORLD RECORDS IN 1970 from 'Leichtathlet'

60m	7.1	Lynette Tillett (Australia)	Sydney
100y	10.3	Chi Cheng (Rep of China)	Claremont
100y	10.0	Chi Cheng (Rep of China)	Portland
100m	11.0	Chi Cheng (Rep of China)	Vienna
100m	11.0	Renate Meissner (East Germany)	Berlin
200m	22.4	Chi Cheng (Rep of China)	Munich
220y	22.7	Chi Cheng (Rep of China)	Portland
220y	22.6	Chi Cheng (Rep of China)	Los Angeles
400m	51.0	Marilyn Neufville (Jamaica)	Edinburgh
100mH	12.8	Teresa Sukniewicz (Poland)	Warsaw
100mH	12.8	Chi Cheng (Rep of China)	Munich
100mH	12.7	Karin Balzer (East Germany)	Berlin
100mH	12.7	Teresa Sukniewicz (Poland)	Erfurt
200mH	25.8	Annelie Jahns (East Germany)	Erfurt
200mH	25.8	Teresa Sukniewicz (Poland)	Warsaw
4x440y	3:46.2	Atoms TC, USA (McMillan-Marshall-Fitzgerald-Toussaint)	New York
4x440y	3:41.3	Atoms TC, USA (McMillan-Marshall-Fitzgerald-Toussaint)	Los Angeles
4x880y	8:27.0	England (Stirling-Carey-Lowe-Board)	Edinburgh
4x800m	8:25.0	England (Stirling-Craig-Lowe-Carey)	London
LJ	22'5½	Heide Rosendahl (West Germany)	Turin
Pent	5406	Burglinde Pollak (East Germany)	Erfurt

LETTER FROM DIANE DIXEY

"I was wondering if you know of anyone who would like to correspond with me. I get your magazine and it was interesting to find out what times the younger girls are running the 800 and 1500 meters. I take an interest in track racing. I run cross country and road. I like the longer races. I am 24 years old. Hope you know of someone who would like to write."

Diane Dixey
68 Britannia Street
North New Brighton
Christchurch 7
New Zealand

ROSENDAHL INDOOR 60mH RECORD

West Berlin, Germany, December 4:-Heide Rosendahl, West Germany, set a new world mark for the 60 meter hurdles here to night running the distance in 8.0s. The old record was 8.2 set by Karis Balzer, East Germany, and Lia Khitrina, Soviet Union, in 1970. Second was Mieke Sterk of Holland who equalled the old record with 8.2s.

DORIS BROWN, WOLVERINES DEFEND NATIONAL XC TITLES

St. Louis, Missouri, November 28:-The two defending champions, Doris Brown and the Wolverine Track Club, successfully repeated their 1969 triumphs as they won the National AAU Cross Country titles here today. Brown's margin of victory was convincing with a five second margin over runner-up Beth Bonner, but the Wolverines had to sweat out the adding machine to learn they nipped the Falcon TC by one point, 39-40. The entire Wolverine Club performed up to expectations to give the team a real "team" triumph.

The first six finishers will comprise the USA team for the International Championships next March and the makeup of the team, for the most part, was a surprise. Only Brown and Pam Bagian repeated from the 1969 selection with newcomers Beth Bonner, Ellyn Cornish, Trina Hosmer and Janet Bristol winning spots. Cheryl Bridges and Francie Larrieu, team members last year, won places as alternates for the 1971 competition. Of the other veterans, Shirley Springer finished 21, Vicki Foltz 23 and Maria Stearns 56.

Carol Frederick won the 14/17 Division by four seconds over Eileen Claugus as the Will's Spiketettes swamped the rest of the field to win the team title 34 to 69 for the Wolverines.

Debbie Johnson, Rialto Road Runners, scored a close win over Sally Balderston, Duke City Dashers, in the 12/13 Division to lead her team to an easy win. The California club tallied 33 points to runner-up Long Beach Comets' 68.

Sports International's Robin Campbell was the winner of the 10/11 Division in a close race which saw 10th place finish only ten seconds behind the winner. The team scoring was also close here as the San Jose Cindergals won with 52 points to 54 for the Duke City Dashers and 56 for United San Juan.

Pint-sized Renee Quigley, La Mirada Meteors, scored a solo victory in the 9/under Division but the Duke City Dashers won the team title with ease - 23 points to second place Colorado Pacers' 67.

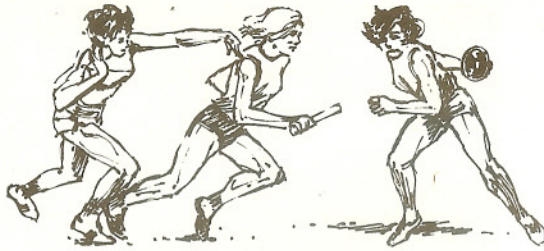
Nearly 600 entries were received (582) by the meet director and 532 runners actually finished making this the biggest ever cross country championship. Only 63 finished in the first Nationals in 1964.

RESULTS: Women's Division (2.0m), 1-Doris Brown (Falcon TC) 10:39, 2-Beth Bonner (Delaware TFC) 10:44, 3-Ellen Cornish (Frederick TFC) 10:45, 4-Trina Hosmer (FTC) 10:46, 5-Janet Bristol (Green Mountain AA) 10:47, 6-Pam Bagian (Wolverines) 10:49, 7-Cheryl Bridges (W) 10:51, 8-Francie Larrieu (San Jose Cindergals) 10:55, 9-Nancy Main (FTC) 10:56, 10-Theresa Ralison (W) 11:02, 11-Denise Green (W) 11:06, 12-Carolyn Walker (Huneyssuckle TC) 11:07, 13-Linda McCain (Millbrae Lions) 11:12, 14-Judy Smith (FTC) 11:13, 15-Debbie Hancock (ML) 11:14, 16-Jackie Ford (W) 11:16, 17-Debbie Heald (La Mirada Meteors) 11:18, 18-Barbara Lawson (Colorado Gold) 11:20, 19-Michelle Tupper (Motor City) 11:21, 20-Linda Green (LB Comets) 11:22, 21-Shirley Springer (SJC) 11:23, 22-Kathy McIntyre (Suffolk AC) 11:24, 23-Vicki Foltz (FTC) 11:27, 24-Cis Schafer (ML) 11:31, 25-Elizabeth Marquez (Rialto RR) 11:32....27-Donna Ten Eyck (CG) 11:34....30-Patty Cape (LBC) 11:37....32-Jackie Dixon (SJC) 11:40....40-Sara Berman (Cambridge Sports Union) 11:52....56-Maria Stearns (Santa Monica AA) 12:13....71-Kathy Gibbons (Un) 12:56....80-Lori Schutt (Un) 13:44. Number of finishers - 90. Team scores, 1-Wolverines 39, 2-Falcon TC 40, 3-Millbrae Lions TC 85, 4-San Jose Cindergals 109, 5-Suffolk AC 142, 6-Colorado Gold 145, 7-Long Beach Comets 146, 8-Frederick TFC 156, 9-Oregon TC 182, 10-Parkside Pacerettes 223. **14/17 Division (1.5m)**, 1-Carol Frederick (Michigammas) 8:05, 2-Eileen Cornish (Will's Spiketettes) 8:09, 3-Brenda Webb (Kettering) 8:16, 4-Robin Evans (Un, Iowa) 8:17, 5-Sandy Langam (WS) 8:17, 6-Tina Anex (WS) 8:18, 7-Debbie Beck (Ambler OC) 8:18, 8-Vicki Slater (W) 8:19, 9-Vicki Clark (Houston Astrobelles) 8:20, 10-Ronlee Slosson (WS)....15-Nancy Paul (Ventura) 8:38...17-Diane Byington (RRR) 8:39....22-Gwen Eberle (Ozark TC) 8:44...35-Rose Gilbert (WS) nt...36-Paula Strack (Kettering) nt. Number of finishers - 101. Team scores, 1-Will's Spiketettes 34, 2-Wolverines 69, 3-Kettering Striders 83, 4-Kirkwood TC 94, 5-Phoenix TC 103, 6-Michigammas 111, 7-Toledo RR 180, 8-Kettering Striders "B" 208, 9-Twin City TC 210, 10-Wolverines "B" 219, 11-Kirkwood "B" 229. **12/13 Division (1.5m)**, 1-Debbie Johnson (RRR) 8:09, 2-Sally Balderston (Duke City Dashers) 8:10, 3-Robin Perry (Ambler OC) 8:18, 4-Eynn Lovat (W) 8:20, 5-Ruth Kleinsasser (RRR) 8:21, 6-Lisa Vernon (AOC)

8:24, 7-Teri Seippel (K) 8:25, 8-Pam Allen (Lassen Cinderellas) 8:27, 9-Estella Guina (SJC) 8:31, 10-Effie Jordan (RRR) 8:32...70-Sharon Groth (Lipke TC) 9:29. Number of finishers - 117. Team scores, 1-Rialto Road Runners 33, 2-Long Beach Comets 68, 3-Duke City Dashers 78, 4-Kettering Striders 94, 5-Wolverines 117, 6-Sports International 135, 7-Mt. Lebanon TC 183, 8-Colorado Pacers 206, 9-Lipke TC 209, 10-Suffolk AC 218, 11-Poison Spider TC 233, 12-Kettering "B" 268, 13-Wolverines "B" 305. **10/11 Division (1.0m)**, 1-Robin Campbell (SITC) 5:34, 2-Janet Burns (SJC) 5:36, 3-Julie Shea (North Carolina State) 5:37, 4-Ronell Powell (SJC) 5:39, 5-Renne Nelson (USJ) 5:40, 6-Margit Sturhann (IMM) 5:40, 7-Shaun Seibel (USJ) 5:41, 8-Cheryl Sanchez (DCD) 5:41, 9-Linda McQuarrie (LBC) 5:43, 10-Jill Caldwell (LBC) 5:44. Number of finishers - 128. Team scores, 1-San Jose Cindergals 52, 2-Duke City Dashers 54, 3-United San Juan 56, 4-Long Beach Comets 84, 5-Rialto Road Runners 116, 6-Kettering Striders 150, 7-Colorado Pacers 177, 8-Poinson Spiders TC 202, 9-Colorado Gold 209, 10-Fleet Feet TC 237, 11-Wolverines 275, 12-Kettering "B" 299, 13-Mt. Lebanon TC 338, 14-Toledo Road Runners 323, 15-Colorado Pacers "B" 333, 16-Wolverines "B" 365. **9/Under Division (1.0m)**, 1-Renee Quigley (LMM) 6:01, 2-Lisa Gilliland (DCD) 6:06, 3-Suzanne Keith (Fontana Cinderbells) 6:07, 4-Tracy Miller (SJC) 6:08, 5-Kathy Gill (DCD) 6:09, 6-Kathy Weiss (CP) 6:16, 7-Maggie Knickrehm (Cabrillo TC) 6:19, 8-Donna Campbell (SITC) 6:20, 9-Tana Meadows (DCD) 6:21, 10-Laura Katzer (LBC) 6:23. Number of finishers - 78. Team scores, 1-Duke City Dashers 23, 2-Colorado Pacers 67, 3-Long Beach Comets 86, 4-Kirkwood TC 115, 5-Kettering Striders 126, 6-Roseville TC 137, 7-Sports International TC 147, 8-Wolverines 184, 9-Colorado Pacers "B" 188, 10-Poison Spiders TC 225, 11-Suffolk AC 240.



CAROL FREDERICK wins Girl's Division National Cross Country title. (Photo by Francie Johnson)



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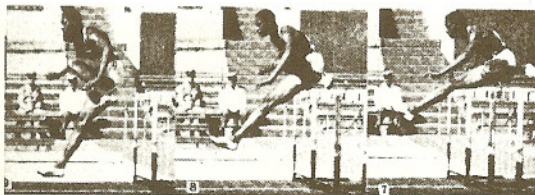
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LETTER FROM ROY SWETT, Coach La Mirada Meteors

"The 1970 cross country nationals showed inadequate planning and a disregard for the welfare of the individual athlete on the part of those who conducted the meet.

The meet ran 20 to 30 minutes behind schedule. At least ten minutes of this delay occurred when the starter decided he didn't know where the starting line was and ran off to find the meet director who had to show the girls the proper starting point.

The positions for starting were not drawn, but were given out in the order in which the entries were received. Thus those teams who had disadvantageous starting positions in one race had them in every race.

There was only one restroom available for over 500 girls! The lines were six and seven deep. One of my girls was forced to adopt a "grin and bear it" philosophy before the race.

The biggest snafus occurred in the 10/11 and 9/under one mile races. These races both started with a straightaway of about 120 yards, then a 90 degree turn to the left. Of course the inevitable happened. A Rialto girl was cut off in the turn, fell, and the pack of 128 trampled her. Four of her own teammates fell over her as well. To the best of my knowledge, no doctor was in attendance for no one treated her. She went to the hospital instead.

A peculiar thing happened on the way to the starting line of the mile races. There was no starting line. The first runner was told where to stand and everyone else lined up numerically to her right. Then the starter, with an unerring eye, curved them so they all ran the same distance to the first turn. While marveling at his accuracy, I wondered why a simple white line had not been drawn.

The foul-ups continued even after the races. Unbelievably, no one had foreseen the need for a public address system. The names, times and scores were yelled out to 600 people. Auggie Argabright of the San Jose Cindergals saved the day by loaning the announcer a small bullhorn. Even then it was most difficult to hear.

Every team score was read and then the top 25 finishers in each division were given their awards. At one point we all stood and waited for the results to be totaled. In all, the awards presentation took one hour and forty minutes. A temperature of 40° did not serve to make this wait more enjoyable.

If the meet was a success in no other way, it must have been one financially. Money was saved by cutting back on such frills as fourth and fifth place trophies, trophies for the individual champions and a post meet meal, all furnished the previous year in Los Angeles.

Additional funds were raised by selling extra copies of the results for 50 cents. Unfortunately, few people were around to take advantage of this bargain since the results were not ready until 8:00PM, nearly six and a half hours after the final race.

Let's hope that all that were there learned a lesson from this experience. In the future, let's give the nationals to those associations who have proved they can handle a meet of this stature. If we don't, our girls will pay the price as they did in St. Louis."

Yeah, and don't forget those extra bathrooms!

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Doris Brown takes the lead at the 400y mark followed closely by new rising star Janet Bristol. Beth Bonner and Francie Larrieu can also be seen in close pursuit.



At the half-way mile mark, Brown still leads followed by Bonner, Bristol, Hosmer and Gibbons.

NATIONAL CROSS COUNTRY CHAMPIONSHIPS



Turning for home with just 50y to go, Brown has a commanding lead followed by Bonner and Ellen Cornish, the third placer.



Pint-sized RENEE QUIGLEY, La Mirada Meteors, races home the winner in the 9/Under Division leaving the rest of the field far behind.

IN PICTURES BY JOHNSON & JOHNSON



Winner DEBBIE JOHNSON, Rialto Road Runners, had a fight on her hands to hold off a determined Sally Balderston in the 12/13 Division. Photo shows the two in action with just 50 yards to go.



Closest race of the day came in the 10/11 Division. With just 150 yards to go ROBIN CAMPBELL (72) has her title threatened by JANET BURNS (128) and RONELL POWELL (126). Campbell went on to win over Burns with Powell finishing fourth.

AGE GROUP TRACK by Calvin Brown

Here we are again for another annual review of the past season, this time for 1970. Usually in the past I've had Glenn Shaws' great compilation of marks to work from. This time I don't, so I'll have to draw on what I've seen personally or from the results good people have sent to me during the year. Let me say thanks to those who have and to those who will in the future. I'd like to receive personally all age group results of all competitions under any circumstances. My address is: 10221 8th Avenue, Inglewood, California, 90303. My phone number is (213) 779-1713. Thanks for your help during the coming year. This article was written December 27, 28 and 29 of 1970.

9 AND UNDER DIVISION

I think the big news here during the season was nine year old Jackie DeVose. Jackie turned 10 on June 18, 1970. Before her 10th birthday Jackie did some heretofore unheard of things for a nine year old girl. She set a new USA record in three events: first the 100y at 12.4 (old record 12.6) and had a wind-aided 12.3; second the 220y at 29.3 (old record 29.5); and third the 440 in 67.0 (old record 67.2). Jackie also ran the 660 in 1:52.8 which isn't bad either. She had an excellent season running the 100 under 13 seconds many times.

We had another sprinter in the same class with Jackie and that was Kayvon Hughes. Kayvon had best marks of 13.3, 30.8 72.8 and 13'1½ in the long jump. She ran a great race at UCLA on July 2, but unfortunately it was wind-aided. Her winning 220 time was 29.0w. Kayvon was 10 on July 28.

The best all around runner in this division was Renee Quigley. She was the champ at UCLA in the 660 with 1:49.6 and had a season best of 1:48.9 which should be the National record. Renee ran everything from the 100 yards in competition to the mile in practice. Her best times during the year were: 13.7, 30.0, 67.8, 1:48.9. In practice after the regular season she ran 66.9, 2:28.3 for the 880 and the mile in 5:32.2. Renee was the winner of the 1970 National Cross Country title in the 9/under division and had the largest margin of victory over the second place finisher of all five divisions. Renee will be able to compete quite easily in the 10/11 division in 1971 and it wouldn't surprise me if she ran under 2:25 during 1971. Renee was 10 on December 28. Happy birthday, Renee.

Another of the big four in 1970 was Cynthia Tyler. Cynthia had a fine season and she was best in the long sprints. She was second at UCLA in the 220 with a 29.0w and had a season best legal mark of 29.9. In the 440 she ran under 70 twice with a best of 69.4. Cynthia long jumped on one occasion and won with a leap of 12'10½. I look for Cynthia to have a good season in 1971. She was 10 on July 16.

Other good sprinters and their marks:

Jamie Broussard - 13.3, 72.2
Maret Burks - 13.2
Athena Burla - 13.2, 147'6 (BBT), 1240 (Triathlon)
Donna Corley - 7.0, 13.3, 30.8, (30.6w)
Alice Howell - 13.2, 3'10, 127'9, 1260
Tanna Meadows - 7.0, 30.8, (29.8w), 71.3
Thea Parrish - 6.8, 30.9, (30.2w), 72.4
Marla Roberts - 6.7, 13.3
Patricia Smith - 6.9, 13.2

Medium sprinters and long distance and field event marks:

Jill Boyd - 69.9, 1:54.2
Anita Green - 3'10½
Sonya Jackosn - 30.5w, 71.0
Dale Keough - 1:50.9
Michelle Klein - 70.0, 1:55.6
Vicki Murray - 31.1, 69.7, 1:57.5, 3'11½
Eleanor Painter - 1:52'6
Shawn Seibel - 1:53.8
Chris Tomasic - 30.5w, 3'10, 13'1½
Paula Wyand - 1:51.7

10/11 DIVISION

There are several outstanding girls in this group and they include: Tanya Bryant, Sherry Hughes, Effie Jordan and Clenitha Ray.

Tanya Bryant was just sensational at UCLA. The NR for the 440 was 63.4 and had been bettered by Joyce Lee during the season with 62.0 flat. Tanya ran fast enough to place in the top six of the 12/13 division at the National Invitational meet at UCLA, running a great 59.7! Her teammate, Susan White, was second in a very respectable 62.2. Just imagine

how far she beat the field. Both girls are coached by Brooks Johnson. Tanya was 12 on October 1, 1970. Continued success to you, Tanya.

Sherry Hughes was a steady runner all year, but at UCLA she was really outstanding. Before UCLA she had best times of 12.0/12.1 and 28.1 for the 100 and 220. Clenitha Ray came into the UCLA meet with the fastest times in the nation at 11.6 and 27.2. Sherry won her heat in 11.9 for a p.b. (personal best) and Clenitha won her's in 11.8, (which tied the official NR), to set the stage for the final. The final, held later in the day, was a great race and the two went across the finish line together with the tough competitor Sherry Hughes finishing first in 12.0. Sherry, by the way, is Kayvon's sister - or should it be the other way around? Oh, well. Sherry won the 220 also at UCLA in 26.8w. The NR is 26.7. She has also run the 50 in 6.4. Sherry Hughes was 12 on August 25.

Effie Jordan had a rather so-so season until UCLA. She had run the 660 in 1:46.0 and had competed in the triathlon and scored 1546 points. Effie had run 2:35.7 to be the ninth qualifier in the 880 - the best time in her flight was 2:27.4 by Pam Young. Pam improved on her season best in the final with 2:25.4, but Effie was far in front with a great run in 2:23.1 for a new NR. The old record was 2:26.9, set during the 1970 season. Effie was 12 on August 15.

Others who had a good season include the following:

Doreen Assumma - 2:31.1 (turned 12 during the season and then ran mile in 5:25.3)
Sally Balderston - 63.8, 2:30.3 (turned 12 ran 2:22.4)
Shelley Earl - 27.1, 63.4
Sonia Fountain - 6.5, 12.0, 15'2½, 1863 (tri) 26'6½SP
Terri Frye - 12.0, 27.8w
Sharon Groth - 2:34.4, 4'7
Pamela Hammond - 6.5, 27.8, 63.4
Dianne Holder - 64.5, 1:44.3, 2:26.9, 4'4
Anna Ingersoll - 63.4, 2:32.5
Regina Johnson - 6.4, 12.0
Heidi Kauti - 33'3¼ (6#SP)
Joyce Lee - 6.4, 12.1, 28.0, 62.0
Renee Nelson - 64.3, 1:43.8
Ginger Nielson - 15'9½
Cheryl Norwood - 16'0
Carrie Price - 34'9 (6#SP)
Anita Shoemaker - 1:49.5, 2:32.6
Margit Sturhann - 2:32.5, 5:27.1
Lorraine Valdez - 6.5, 12.1
Marilyn Watson - 11.9, 27.5, 65.0
Jill Weeland - 6.5, 12.1, 27.6
Susan White - 62.2, 2:29.8
Pam Young - 63.8, 2:25.4, 30'11, 211'5

12/13 DIVISION

As you can imagine, the 12/13 division girls did quite a job in 1970. There are so many good ones that I'm going to write individually about only 13 of them. I'll be glad when the javelin throw replaces the baseball throw in this age group. I like to try and encourage the field event girls as much as possible. This is where the United States is weakest and I believe that in 1970 there was considerable improvement in the age group field event program. Now bring on the javelin throw!

I'll start with the sprints and work down through the field events while listing who I consider to be the top 13 girls in this division. In the sprints, I will list them as I would rank them:

Pat Benson. Probably is the most impressive sprinter in this age group that I have seen recently. Pat is tall, competitive and a smooth runner. She won the 100 at UCLA in 11.1 and won her 220 heat over Cordella Ingram in 25.0w. In the final of the 220 she hurt her leg and finished a gallant third to Cordella - whom I rate #1 as a medium sprinter. The best sprinters were all at UCLA and Pat Benson came out number one. Donna Washington, Pat's teammate, was also impressive and a smooth strider. Pat had best marks of 6.0 (ties NR), 11.1, 25.0w, 25.3 during the year.

Ranked number two, but with the potential to be number one was Karen McDaniel. Karen was hurt at UCLA and ran only on the relay team. I was very disappointed she couldn't run in the short sprints because at age 12 in 1969 she had run 11.2 and was having a good 1970 season. After UCLA and with her leg feeling better, Karen ran an all time best of 10.7 which is better than such greats as Margaret Johnson's 10.8 and Renaye Bowen's 10.9. Karen also ran 6.1 for 50y.

AGE GROUP TRACK (Continued)

Number three was Juanita Kelley and she might have been ranked higher if she hadn't turned 14 before UCLA and had competed against her main competition face to face. Juanita had a great year and was beaten only once and that was by Pat Benson in a 6.0 50 to Juanita's 6.1. Juanita beat Carol Burkland a couple of times during the season, once in San Diego in a wind-aided 10.9 for both girls. Juanita's best in this age group were: 6.1, 11.4, 10.9w, and 25.9w.

The best all around sprinter was Carol Burkland, ranked number four in the short sprinters. Carol had a tremendous year and led her team to the 12/13 title at UCLA. She won the hurdles in 7.1 over a 6.8 hurdler, Susan Kelly. She finished second in the 100 and 220. Carol's versatility ranged from sprinting to hurdling and the pentathlon. Carol ran the quarter mile only once during the season and managed a solid 59.5. Her best marks were: 11.1, 10.9w, 24.9, 59.5, 7.1 (50 yH), 16'7 and 3721 (pentathlon).

Cordella Ingram fits in a special category, that of a medium sprinter. In this category she is head and shoulders above everyone else. Going into the UCLA meet, Cordella's best in the quarter was 60.4, which like Effie Jordan just did qualify her for the fastest flight. At UCLA she was a shock to everyone - except maybe her coach - when she ran an exciting 56.7! The previous NR was 58.1. Cordella won the 220 in 25.0w, a time she also did while placing second in her heat behind Benson. Cordella had best marks of: 56.7, 25.3, 25.0w.

Anita Lee, without a doubt, is a great age group jumper. After having seen her compete, I'm not sure which is her best event. At the moment, I lean toward the long jump. I used to believe without hesitation that her best event was the high jump. Anita was 13 on October 11, but while still 12 she won the HJ and LJ at UCLA with marks of 17'7 and 5'1 - and she did this with an injured leg! She went home, the leg became sound, and she leaped 18'6½, just three inches shy of Judy Rejebian's NR of 18'9½, and high jumped over 5'3, just 1½" shy of Jan Dill's NR of 5'4½. With regular or even modest improvement in 1971, Anita will own all the age division high jump national records and two divisions of the nation long jump records. If you have read my articles in the past, you should know a lot about Anita Lee. Continue to read this column and you will continue to learn about her. She missed a late season pentathlon (5 events) unfortunately, but earlier in the year scored 3572. I believe Anita and Cynthia McKenzie will approach 4000 points in 1971. Anita ran 27.2 in the 220 in northern California before the UCLA meet and did this also with an injured leg. Anita stands 5'2 and weighs 110 pounds.

Nancy Paul had an impressive season being virtually undefeated in the half mile and setting a new NR of 2:15.9. The official NR is 2:17.6 by Debbie Norris and Debbie Roth. Nancy was under the official mark again at UCLA where she had a big scare from Tena Anex. Tena ran 2:16.9 and Nancy 2:16.8. Both of these girls bear watching in 1971.

Debbie Johnson in the mile run was even more impressive than Nancy was in the half. Debbie was undefeated at her favorite distance - the mile. She won at UCLA in 5:04.8 which will be the NR since it is the first year as an AAU approved event. She won the National Cross Country championship at 1½ miles at St. Louis, also. The only target Debbie didn't hit during the season was to run under five minutes. Debbie had a best of 2:27.5 in the half mile but ran even faster during the first half of one of her mile runs. Debbie should do real well against the "big girls" in 1971.

Bobette Krug was a pleasant discovery during the year 1970. She runs the hurdles and runs them well. Good enough to run a legal 6.9 and a wind-aided 6.8 and almost fast enough to win the girl's championship at UCLA - she was edged out by US internationalist Jan Glotzer. Bobette ran 10.3 on two different occasions in the girl's hurdles and should be real tough in 1971. She ran the 100 on a heavy (slow) track in 12.0, finishing second to Juanita Kelly. Bobette also long jumped nearly 16 feet during the season.

Terri Sabol came from a so-so season in 1969 to a great season in 1970. During the year on several occasions, Terri surpassed a NR in the discus of 113'1 set by Diane Matkovich. Diane Matkovich, by the way, was one of the two athletes I wrote about in my first article 3½ years ago. Terri had a 1969 best of 93 feet and in 1970 threw over 124'6. She capped a beautiful season with a good win at UCLA over the best crop of discus throwers in age group history with a throw of 113'1 - which was very appropriate. Terri learned to hurdle

during the season and developed into a good one by running a fast 7.1. She tried other events also and did well in the shot at 36'2½, the baseball throw at 229'6, (over 253 feet in practice), and the pentathlon with a score of 3570.

Debbie Rivera has improved more after the season than she did during the season. Debbie, who is 13, won't change age group until March 30, 1971, so will get a few more meets in before age 14 when she will change to the 8# shot. During the regular season, Debbie's marks in the field events were: 42'8½ (6#SP), 104'10 in the discus and around 250' in the baseball throw. Debbie has been put on a weight training routine and now has improved to 121'8 in the discus in a sanctioned meet and has a practice mark pb of 126'7 set in November. She has improved her 6# shot mark to 43'3 in competition and has a practice mark of 45'11 set in December. In November Debbie put the 4 kilo shot 34'1 and in December put the 8# shot 41'0. She is 5'4½ and 155 pounds. Her last competition in the 12/13 division will come at Phoenix where she will meet Vickie Chiarello, whom I'll write about in the next paragraph. Debbie threw the javelin during the year and won the competition at 95'5.

Vickie Chiarello is a tall and strong looking athlete. She came a long way in 1970 and should continue to improve greatly in 1971. Vickie will have the whole 1971 season in which to improve her 1970 marks because she won't be 14 until Oct. 17, 1971. Vickie threw the discus 111'4 during the season and finished second at UCLA to Terri Sabol in a hotly contested competition. In an "Early Bird" meet in December, she threw 99'1. Before UCLA in 1970 she had a practice mark of 121'8. In the 6# shot and in the javelin, Vickie has put 36'8½ and thrown 71'3½. Watch for Vickie Chiarello-Debbie Rivera competition at Phoenix in March, 1971.

Last, but not least, is Mitzi McMillan who turned 14 early in the season. She jumped 5'4 at Phoenix in March to break Sandy Goldsberry's NR of 5'3½. In one of her pentathlons, Mitzi recorded the second 4000 plus performance with 4010 points. During that competition, she ran 7.2 in the 50y hurdles. I imagine the pentathlon will be Mitzi's best event, but I'm not sure.

There are many other outstanding athletes in this division and listed below are some of them. These marks will speak for them:

Diane Neal - 5.9
 Ditra Henry - 5.9i, 6.0, 11.4, 26.2, 25.7w
 Creola Miller - 6.1, 11.2, 25.8, 25.4w
 Marsha Talley - 6.1, 11.3, 25.6
 Sharon Lauderdale - 6.0, 11.3
 Denise Julian - 6.2, 11.2, 26.0w
 Donna Washington - 11.3
 Betsy Hager - 26.2, 59.6 (12yr)
 Patty Cape - 58.3, 2:20.7 (2:11.6 @ 14 yrs)
 Denise Johnson - 26.2, 59.5
 Susan Smith - 59.7
 Joyce Wolak - 60.0, 2:24.6, 5:25.6
 Sarah English - 59.8
 Linda Stecker - 59.7, 2:21.7
 Shawna Baxter - 2:21.4, 5:40.6
 Nadine Bowers - 2:21.7, 5:27.0, 237'10
 Linda Green - 2:21.4
 Ruth Kleinsasser - 5:08.5
 Elizabeth MacDonald - 5:21.1
 Susan Kelly - 6.8 (50yH), 5'1½ (12y)
 Vicki Ward - 7.0 (50yH)
 Jan Dill - 5'4½ NR, 17'8, 3767, 7.3 (50yH)
 Cynthia McKenzie - 5'0, 3563, 7.3 (50yH)
 Cindy Gilbert - 5'2½ (12y)
 Angie Whitt - 17'4½
 Ina Wisdom - 17'6
 Sheila Yurkshat - 46'0 (6#)
 Kimberly Pyles - 43'0
 Brenda Bradley - 104'0, 38'6
 Monica Marschall - 41'10
 Yvette Brownlee - 40'9, 99'6
 Judith Lane - 106'7, 38'2½
 Karen Dunn - 258'6, 91'10
 Ann Seelye - 107'4
 Diane Cronk - 99'10 (JT), 227'10
 Tracy Felix - 3717, 90'1 (JT), 7.4 (50yH), 36'6 (6#SP)

END OF 1970 SEASON. BEGINNING OF 1971 SEASON.

..A relaxed muscle can be made to move many times faster than a tensed one...The more tired the athlete, the more important relaxation becomes.... Relaxation is primarily a state of mind.

1970 USA LIST

As in 1969, the Official AAU statistician for the United States has discovered the keeping of correct statistics is not an easy, part-time job. The list submitted was full of errors, duplications, omissions, did not list date, site or wind of performances. Therefore, we are printing here the unofficial list kept by the WYFW staff during 1969. Please advise of errors or omissions.

100 Yards

10.3	Chi Cheng (LATC)
10.4	Iris Davis (Tenn St)
10.4	Barbara Ferrell (LAM)
10.5	Pat Hawkins (Atoms) 10.4w
10.6	Matteline Render (Tenn St)
10.6	Williamae Fergerson (WC Jets)
10.6	Rhonda Fleming (Texas TC)
10.6	Pam Greene (Denver AS)
10.7	Kathy Smallwood (Un, Calif)
10.7	Laurie Barr (Ohio TC)
10.7	Una Morris (LATC)
10.7	Robyn Russell (Clev Rec)
10.7	Judy Murphy (Tex Wom U) 10.4w
10.7	Orien Brown (Tex Sth)
10.7	Nora Carter (Alb OC)
10.8	Donna Beckstrom (SCM)
10.8	Mavis Laing (Phoenix TC)
10.8	Karen Buford (Motor City TC)
10.8	Diane Knight (Texas TC) 10.7w
10.8	Jill Thomas (Un, Missouri)
10.8	Katherine Jones (MDYF) 10.5w
10.9	Diane Hughes (Clev Rec)
10.9	Jackie Thompson (M.Missiles)
10.9	Mable Fergerson (WC Jets)
10.9	Molly Hence (Alcorn A&M)
10.9	Debra Edwards (Worthing)
10.9	Debra Wedgworth (Denver AS)
10.9	Cathy Carroll (Un, Iowa)
10.9	Alfreda Daniels (Det.Str) 10.7w
10.9	Pat Johnson (Angels TC)
10.9	Charlene Branch (Texas Sth)
10.9	Linda Cordy (Atoms TC)
10.9	Nancy Benson (Phoenix Flyers)
10.9	Deani Goodman (Aurora TC)
10.9	Sharlene Johnson (Un, NJ)

220 Yards (*=200m + 0.1)

22.6	Chi Cheng (LATC) 22.4w
23.3*	Mavis Laing (Phoenix TC)
23.5	Barbara Ferrell (LAM)
23.6*	Pam Greene (Denver AS)
23.8	Williamae Fergerson (WCJ) 23.6w
23.9*	Kathy Hammond (Un, Cal)
24.0	Una Morris (LATC)
24.0	Adlin Clarke (Atoms TC)
24.1	Esther Stroy (SITC)
24.2	Nancy Benson (Phoenix Fl)
24.2	Diane Kummer (MDYF)
24.2	Michelle McMillan (Atoms TC)
24.2	Kathy Lawson (Un, NH)
24.2	Ann Coleman (Phil Hawks)
24.2	Robyn Russell (Clev Rec)
24.3	Pat Johnson (Angels TC)
24.3	Laurie Barr (Ohio TC)
24.3*	Kathy Smallwood (Un, Cal)
24.4	Jackie Thompson (M.Missiles)
24.4	Pat Hawkins (Atoms TC)
24.4	Judy Murphy (Texas TC)
24.4	Rhonda Fleming (Tex TC)
24.5	Donna Beckstrom (SCM)
24.5	Marilyn Rougely (Palm Sp)
24.5	Linda Reynolds (Atoms TC)
24.5	Kathy Guiney (Un, Mass)
24.6	Mable Fergerson (WC Jets)
24.7	Ann Christoff (Millbrae)
24.7	Lacey O'Neal (SITC)
24.7	Johanna Danos (SITC)
24.7	Linda Cordy (Atoms TC)
24.7	Orien Brown (Texas Sth)
24.7	Diane Hughes (Clev Rec)
24.7	Rhonda McManus (Tenn St)

440 Yards (*=400m + 0.3)

52.5	Chi Cheng (LATC)
52.7*	Kathy Hammond (Un, Calif)
52.9	Mavis Laing (Phoenix TC)
53.4	Jarvis Scott (LAM)
53.5	Gwen Norman (SITC)
54.4	Cheryl Toussaint (Atoms TC)
54.5	Gail Fitzgerald (Atoms TC)
54.7	Una Morris (LATC)
54.7	Joan Pirie (Angels TC)
54.8	Mable Fergerson (WC Jets)
54.9	Nancy Benson (Phoenix Flyers)
55.3	Jennifer Hughes (Aurora TC)
55.6	Beth Hutson (Ohio TC)
55.7	Esther Stroy (SITC)
55.8	Maeoper West (MDYF)
56.2	Diane Knight (Texas TC)
56.2	Nancy Shafer (Wooster College)
56.3	Nancy Mullen (Millbrae Lions)
56.4	Jane Burnett (SITC)
56.4	Debbie Newing (Angels TC)
56.5	LaBome (??)
56.6	Francie Johnson (Michigames)
56.6	Carol Hudson (Albuquerque OC)
56.7	Cardella Ingram (LaMott TC) 13y
56.7	Kim Koch (Ohio TC)
56.8	Kathy Leineke (Ventura TC)
56.8	Ann Coleman (Phil Hawks)
56.8	Laurie Barr (Ohio TC)
56.8	Gail Jefferson (Ambler OC)
56.9	Jan Glotzer (Phoenix TC)
57.0	Darlene Green (Phoenix TC)
57.0	Vikki Lind (Col. Pacers)
57.0	Patty Cape (LB Comets)
57.0	Terry Hull (Knoxville TC)
57.0	Linda Wooten (SJ Cindergals)
57.0	Johanna Danos (SITC)

880 Yards (*=800m + 0.9)

2:05.1	Cheryl Toussaint (Atoms TC)
2:05.3	Francie Johnson (Michigames)
2:05.5	Terry Hull (Knoxville TC)
2:06.5	Doris Brown (Falcon TC)
2:07.1*	Francie Larrieu (SJ Cindergals)
2:08.2	Carol Hudson (Albuquerque OC)
2:08.3	Cis Schafer (Millbrae Lions)
2:11.4	Nancy Shafer (Wooster College)
2:11.6	Patty Cape (LB Comets) 14y
2:11.9	Shelly Marshall (Atoms TC)
2:12.0	Barbara Lawson (Col. Pacers)
2:12.0	Anne Gallaher (Phoenix TC)
2:12.0	Donna Ten Eyck (Col. Pacers)
2:12.3	Kathy Gibbons (Phoenix Fly)
2:12.3	Marilyn Bastian (PAL)
2:12.4	Theresa Rulison (Wolverines)
2:12.6	Linda McCain (Millbrae Lions)
2:13.0	Liane Swegle (Seattle Dynam)
2:13.2	Kim Miller (San Leandro TC)
2:13.4	Nancy Mullen (Millbrae Lions)
2:14.0	Jane Mauch (Wills Spikettes)
2:14.5	Kathy Hammond (Un, Calif)
2:14.8	Maria Stearns (Santa Monica)
2:15.0	Kim Koch (Ohio TC)
2:15.1	Beth Hutson (Ohio TC)
2:15.8	Karen Hurlocker (La Mirada)
2:15.8	Eileen Claugus (Wills Spik)
2:15.9	Nancy Paul (Ventura TC) 13y
2:16.0	Ellen Cornish (Frederick TFC)
2:16.4	Debbie Heald (La Mirada)
2:16.5	Vicki Foltz (Falcon TC)
2:16.6	James (Cleveland Rec)
2:16.7	Sherry Wells (Oregon TC)
2:16.9	Tena Anex (Wills Spikettes) 13y
2:17.0	Thompson (Phoenix TC)
2:17.1	Sue Dudley (Michigames)
2:17.2	Judy Graham (LATC)
2:17.5	Shirley Springer (SJ Cindergals)
2:17.5	Jane Galie (SITC)
2:17.8	Carol Goya (LB Comets)

1500 Meters

4:17.3	Francie Larrieu (SJ Cindergals)
4:17.3	Francie Johnson (Michigames)
4:24.3	Doris Brown (Falcon TC)
4:29.2	Trina Hosmer (Falcon TC)
4:30.0	Maria Stearns (SMAA)
4:31.5	Kathy Gibbons (Un, Ariz)
4:32.4	Debbie Heald (La Mirada) 14y
4:32.5	Cheryl Bridges (Wolverines)
4:38.3	Vicki Foltz (Falcon TC)
4:39.1	Robin Evans (Manilla TC)
4:40.0	Eileen Claugus (Wills Sp)
4:41.3	Linda McCain (Millbrae Lions)
4:42.3	Carol Frederick (Michigames)
4:42.3	Nancy Main (Falcon TC)
4:44.0	Shelley Marshall (Atoms TC)
4:44.2	Sandy Langan (Wills Spikettes)
4:44.8	Teri Anderson (Topeka CC)
4:45.0	Sue Parks (Wolverines)
4:45.3	Beth Bonner (Un)
4:45.4	Barbara Lawson (Col. Pacers)
4:47.3	Anita Scandura (Suffolk AC)
4:50.4	Nancy Ihrman (Phoenix TC)
4:51.5	Gwen Eberle (Ozark TC)
4:52.4	Dino Lowrey (Wills Spikettes)
4:53.0	Nannette Torrey (SD Lancer)

3000 Meters

9:44.6	Doris Brown (Falcon TC)
9:48.1	Beth Bonner (Un)
9:56.2	Caroline Walker (Un)
9:58.0	Cheryl Bridges (Wolverines)
10:03.8	Debbie Heald (La Mirada)
10:19.5	Jackie Dixon (SJ Cindergals)
10:22.0	Sandy Dean (LB Comets)
10:23.4	Sue Parks (Wolverines)
10:27.2	Lucille Jones (Albuquerque OC)
10:27.5	Pam Jewell (LB Comets)
10:32.0	Ronnie Rivett (Millbrae Lions)
10:37.0	Pam Bagian (Wolverines)
10:39.8	Renee Westcott (La Mirada)

One Mile

4:45.2	Doris Brown (Falcon TC)
4:47.5	Debbie Heald (La Mirada) 14y
4:50.8	Francie Larrieu (SJ Cindergals)
4:52.2	Maria Stearns (SMAA)
4:52.3	Vicki Foltz (Falcon TC)
4:54.0	Trina Hosmer (Falcon TC)
4:57.9	Nanette Torrey (SD Lancerettes)
4:58.1	Vicki Clark (Houston Astrobells)
4:59.6	Robin Evans (Manilla TC, Iowa)
5:00.8	Vickie Eberly (Millbrae Lions)
5:02.3	Ellen Cornish (Frederick TFC)
5:02.7	Barbara Lawson (Col. Pacers)
5:03.6	Cheryl Bridges (Wolverines)
5:03.9	Kathy Gibbons (Phoenix Flyers)
5:04.8	Debbie Johnson (Rialto RR) 13y
5:06.0	Eileen Claugus (Wills Spikettes)
5:06.4	Pam Jewell (LB Comets)
5:06.6	Jackie Dixon (SJ Cindergals)
5:07.2	Linda McCain (Millbrae Lions)
5:07.2	Judy Graham (LATC)
5:07.9	Sandy Langan (Wills Spikettes)
5:08.5	Ruth Kleinsasser (Rialto RR) 13y
5:09.1	Shelley Marshall (Atoms TC)
5:09.6	Nancy Main (Falcon TC)
5:09.6	Kathleen Pratt (Un of Minn)
5:10.5	Ronalee Slauson (Wills Spikettes)
5:13.6	Sandy Dean (LB Comets)
5:13.9	Carol Frederick (Michigames)
5:14.0	Sue Parks (Wolverines)
5:14.2	Kathy Dosch (SMAA)
5:15.5	Dino Lowrey (Wills Spikettes)
5:15.5	Shirley Springer (SJ Cindergals)
5:16.5	M. Tupper (PAL)
5:18.0	Renee Westcott (La Mirada)
5:18.0	Jacki Ford (Wolverines)
5:18.1	Lucille Jones (Albuquerque OC)
5:18.8	Ann Forshee (??) 13y
5:19.5	Paula Strack (Kettering)
5:19.8	Nancy Thompson (Phoenix TC)

1970 USA LIST (Continued)

100 Meter Hurdles

12.8 Chi Cheng (LATC)
 13.3 Pat Johnson (Angels TC)
 13.4 Mamie Rallins (MDYF)
 13.6 Jan Glotzer (Phoenix TC)
 13.6 Pat Donnelly (MMissiles) 13.5w
 13.8 Lacey O'Neal (STPC)
 13.8 Cheryl Rogers (Illini TC) 13.6w
 13.9 Deanne Carlsen (Laurel TC)
 14.0 Joanne Dean (Ambler OC)
 14.0 Judy Vernon (Ozark TC)
 14.1 Marilyn King (Millbrae)
 14.2 Pat Hawkins (Atoms TC)
 14.2 Beth Hutson (Ohio TC)
 14.3 Carmen Smith (Atoms TC) 14.0w
 14.3 Dianne Spangler (CCS)
 14.4 Pat Bank (LATC)
 14.4 Alberta Martin (LATC) 14.2w
 14.4 Carol Thomson (Delaware TFC)
 14.4 Una Morris (LATC)
 14.5 Mavis Laing (Phoenix TC)
 14.5 Sallie Caton (Albuquerque OC)
 14.6 Jayne Frederick (Col. Pacers)
 14.6 Barb Vanersvelie (Iowa TC)
 14.6 Janene Jaton (Angels TC)
 14.7 Mary Lallum (Kalispell)
 14.7 Pat Skelley (Wooster College)
 14.7 Gwen Noekstra (Iowa TC)
 14.7 Stanelia Mallard (Un, Colo)
 14.7 Carla Coffey (Murray State Un)
 14.8 Judy Rejebian (Phoenix TC)
 14.8 Janel Dehart (Iowa TC)
 14.8 Barbara Pickel (Millbrae)
 14.9 Annie Cullum (Clev. Rec)
 14.9 Sandy Goldsberry (Lakewood)

200 Meter Hurdles

26.6 Chi Cheng (LATC)
 26.7 Pat Hawkins (Atoms TC) 26.1w
 26.9 Pat Donnelly (MMissiles)
 27.2 Pat Johnson (Angels) 26.7w
 27.7 Joanne Dean (Ambler) 27.6w
 27.8 Deanne Carlsen (Laurel TC)
 27.8 Alberta Martin (LATC)
 27.8 Deborah Payne (LATC)
 28.1 Judy Vernon (Ozark) 27.6w
 28.4 Carla Coffey (Murray State)
 28.4 LaVonne Neal (Phil Hawks) 28.3w
 28.5 Mamie Rallins (MDYF) 27.5w
 28.5 Donna Schulenberg (MDYF)
 28.5 Marilyn King (Millbrae Lions)
 28.7 Dianne Spangler (CCS) 28.6w
 28.8 Carol Thomson (Delaware TFC)
 28.8 Carmen Smith (Atoms TC)
 28.8 Susan Anthony (Angels TC)
 28.9 Vikki Lind (Col. Pacers)
 28.9 Yvonne Richardson (Un, Oregon)
 29.0 Heidi Davidson (Oregon TC)
 29.0 Peggy Price (Un, Oregon)
 29.1 Cindy Cowan (Frederick TFC)
 29.1 Janene Jaton (Angels) 28.0w
 29.4 Connie Peterson (Ill TC) 29.2w
 29.5 Nora Carter (Albuquerque OC)

High Jump

5'8 Audrey Walker (Topeka Cosmo Club)
 5'8 Sally Plihal (Tyndall AC)
 5'8 Brenda Simpson (MMissiles)
 5'6¼ Toni Churchill (Nebraska TC)
 5'6¼ Jill Halgrimson (MDYF)
 5'5 Kim Favorite (Un, Oregon)
 5'5 Susie Snider (Un, Texas)
 5'4½ Dora Roberts (SJVAC)
 5'4½ Pat Bank (LATC)
 5'4¼ Jan Dill (Lakewood) 13y
 5'4 Linda Bingeli (Topeka CC)
 5'4 Mitzi McMillan (?) 13y
 5'4 Pat Shipley (Indiana State)
 5'4 Connie Peterson (Illini TC)
 5'4 Shirley Lagestee (Un, Oregon)
 5'4 Margie Fox (Dave's Speedettes)
 5'4 Vann Abrams (Detroit Striders)
 5'4 Sandy Goldsberry (Lakewood)
 5'4 Cam Conly (Un, Calif)
 5'3½ Marilyn King (Millbrae)
 5'3½ Ronda Madreicall (Calan AA)
 5'3¼ Jan Glotzer (Phoenix TC)
 5'3 Sue Parks (Wolverines)
 5'3 Barbara Bates (Kirkwood TC)
 5'3 Linda Rowe (Un, Iowa)
 5'3 Jan Conner (Wabash Valley TC)
 5'3 Stephanie Mitchell (Un, Montana)
 5'3 Patricia Chatman (Texas Sth)
 5'3 Stanelia Mallard (Col. Pacers)
 5'3 Clarinda Chesser (Un, Oklahoma)
 5'3 Anita Lee (Detroit St) 13y

Long Jump

20'10 Chi Cheng (LATC)
 20' 7½ Willye White (MDYF) 21'1w
 20' 0¼ Martha Watson (Tenn State)
 19'11 Dianne Kummer (MDYF)
 19'11 Marilyn King (Millbrae)
 19' 9¼ Debbie Smith (Tenn State)
 19' 9½ Vicki Betts (Lakewood) 20'3w
 19' 6 Moronda Lacy (Wichita TC)
 19' 5½ Dora Roberts (SJVAC)
 19' 4¼ Judy Vernon (Ozark TC)
 19' 3¼ Myra Albrecht (Un, Calif)
 19' 3 Lisa Chiavario (Albuquerque)
 19' 2 Kay Bruce (Iowa TC)
 19' 0¼ Marge Fox (Dave's Speedettes)
 19' 0 Judith Salley (Tenn State)
 18'11½ Pat Bank (LATC)
 18'10 Sandy Langevan (Lakewood)
 18'10 Brenda Van Winkle (Texas TC)
 18'10 Janyce Mims (Albany TC)
 18'10 Judy Rejebian (Phoenix TC)
 18' 9¼ Judy Potter (Spokane Pacemkrs)
 18' 7½ Fran Auer (Un, Oregon)
 18' 7¼ Pat Shipley (Indiana State)
 18' 7 Becky Dearing (Santa Ynez TC)
 18' 6¼ Carol Thomson (Delaware TFC)
 18' 6¼ Coleen Wigle (Un, Oregon)
 18' 6¼ Deborah Payne (LATC)
 18' 6¼ Anita Lee (Detroit Stri) 13y
 18' 6 Rhonda Albers (SLFC) 19'0¼w
 18' 6 Pat Chatman (Texas Sth)
 18' 6 Judy Durham (Angels TC)
 18' 5¼ Debra Wedgeworth (Denver AS)
 18' 5½ Sallie Caton (Albuquerque OC)
 18' 5 Karen Aufderhaar (SW Texas St)
 18' 4½ Timmerman (Toledo RR)
 18' 4 Renee Lewis (Kettering Strid)
 18' 3¼ Branda Merrit (Atoms TC)
 18' 3¼ Alfreda Daniels (Detroit Str)
 18' 3 Pam Bagian (Wolverines)
 18' 2½ Kathy Pirrie (Un, Oregon)
 18' 2¼ Debbie McAfee (Atoms TC)
 18' 2 Mavis Laing (Phoenix TC)
 18' 1½ Rosalyn Bryant (Chicago Zeph)
 18' 1 Sheila Owens (Wolverines)
 18' 1 Jeri Mored (Un, Oregon)
 18' 1 Sandra Barber (Un, Texas)

Shot Put (4 kilo)

50' 8 Lynn Graham (Millbrae Lions)
 49' 2¼ Maren Seidler (MDYF)
 48'10¼ Lynette Matthews (Falcon TC)
 47' 2¼ Mary Jacobson (Oregon TC)
 45' 9¼ Denise Wood (Montclair State)
 45' 6¼ Pat Bank (LATC)
 44'11 Beth Smith (Oregon TC)
 44' 8¼ Carol Frost (Nebraska TC)
 43'10¼ Dorothy Barnes (SE Oregon TC)
 43'10¼ Pauline Thomas (Angels TC)
 42'11 Josephine Dela Vina (MDYF)
 42' 9 Linda Langford (Millbrae)
 42' 0¼ Carol Sims (MDYF)
 41'11¼ Lillie Morgan (Texas Sth)
 41' 4¼ Monette Driscoll (LBTC)
 41' 3 Jan Svendsen (LATC)
 41' 0¼ Rane Kletchka (Nebraska TC)
 40'11 Debbie Rodriguez (Col. Pacers)
 40' 5¼ Susie Snider (Un, Texas)
 40' 5¼ Merridy Taylor (Flathead Clg)
 40' 4¼ Barbara Butler (Albuquerque)
 40' 2¼ Iva Wright (Fresno Elans)
 39' 9¼ Vivian Turner (Lakewood)
 39' 4 Kathy Trout (Nebraska TC)
 38'11¼ Diane Guttires (Texas TC)
 38'11¼ Connie Travagliante (SEMO TC)
 38' 9¼ Lorraine Hine (Oregon TC)
 38' 8 Rose Arter (Iowa TC)
 38' 6 Kathy Bobbett (LBTC)
 38' 4 Jan Connor (Wabash Valley)
 38' 2¼ Diane Gillette (Un, Iowa)

Discus Throw

172' 3 Carol Frost (Nebraska TC)
 159' 9 Rane Kletchka (Nebraska TC)
 159' 4 Josephine Dela Vina (MDYF)
 158' 6 Linda Langford (Millbrae Lions)
 156' 2 Nancy Norberg (Un, Calif)
 154' 1 Monette Driscoll (LBTC)
 152'10 Helen Thayer (Angels TC)
 150' 9 Lynn Graham (Millbrae Lions)
 149' 6 Beth Smith (Oregon TC)
 146' 1 Barbara Butler (Albuquerque OC)
 145' 6 Vivian Turner (Lakewood)
 143' 6 Denise Wood (Montclair State)
 142' 7 Carol Knight (Millbrae Lions)
 140' 6 Mary Jacobson (Oregon TC)
 136'10 Liz Sharp (Parkland College)
 135' 0 Kathy Schmidt (LBTC)
 132' 7 Iva Wright (Fresno Elans)
 129' 7 Tracy Peterson (Green River College)
 129' 6 Dorothy Barnes (SE Oregon TC)
 129' 4 Rene Kesler (Un, Montana)
 129' 3 Lynette Matthews (Oregon TC)
 128' 8 Tracy Lucas (Millbrae Lions)
 125' 5 Peg Ensign (Un, Montana)
 124' 6 Terri Sabol (La Mirada) 13y
 124' 4 Joan Stratton (Un, Colorado)
 124' 1 Linda Rowe (Un, Iowa)
 123' 9 Pauline Thomas (Angels TC)

Distance Medley Relay (440-880-1320-Mile)

12:38.6 Colorado Pacers
 12:39.6 Millbrae Lions
 13:00.2 Long Beach Comets
 13:04.6 Phoenix Track Club

4x880 Relay

9:06.0 Millbrae Lions
 9:24.8 Falcon Track Club
 9:33.4 Long Beach Comets
 10:15.5 Phoenix Track Club
 10:20.9 Albuquerque Olympette Club

1970 USA LIST (Continued)

JAVELIN THROW

191' 6	Kathy Schmidt (LBTC)
184' 9	Sherry Calvert (SC Missiles)
177' 2	Barbara Friedrich (Newark St)
161' 9	Roberta Brown (SD Lanceretts)
160' 9	Diane Franklin (Flathead Clg)
160' 2	Pam Livingston (SD Lancrretts)
160' 1	Linda Langford (Millbrae)
157' 9	Mary Boron (Oregon TC)
157' 7	Barbara Pickel (Millbrae)
156' 5	Emily Stone (Laurel TC)
152' 5	Monette Driscoll (LBTC)
146' 5	Thelma Fabian (Lakewood)
145' 2	Donna Dietrich (SD Lancerettes)
144' 2	Lynn Cannon (Un, Calif)
140' 11	Jean Sweeney (Ohio TC)
138' 8	Arlene Platt (Un, Oregon)
137' 3	Luana Thompson (Un, Oregon)
136' 5	Mary Hyde (Oklahoma State)
135' 7	Denise Wood (Montclair St)
134' 6	Marcia Walter (Un, Washington)
134' 5	Wendy Sorrick (Paul Harris AC)
133' 8	Susan Armstrong (Houston Astr)
133' 1	RaNae Seaman (IATC)
132' 11	Joyce Hombel (Angels TC)
130' 9	Barbara Ludberg (U. Nor.Colo)
130' 6	Mary Carey (SFVS College)
129' 4	Vicki Hallman (SD Lancettes)
128' 5	Ranee Kletchka (Nebraska TC)
128' 3	Mary Jacobson (Oregon TC)
128' 0	Beth Hollis (IATC)
127' 8	Dale Phillips (Lassen Cnd)
126' 10	Karin Smith (La Jolla TC)
126' 9	Beth Smith (Oregon TC)
126' 7	Debbie Langevain (Lakewood)
125' 4	Donna Smith (Willamette Vly)

PENTATHLON

4735	Pat Bank (IATC)
4542	Marilyn King (Millbrae Lions)
4533	Mavis Laing (Phoenix TC)
4509	Jan Glotzer (Phoenix TC)
4440	Sallie Caton (Albuquerque OC)
4327	Stanelia Mallard (Un, Colo)
4214	Sandy Goldsberry (Lakewood)
4206	Dianne Spangler (CCS)
4185	Judy Vernon (Ozark Track Club)
4155	Barbara Pickel (Millbrae Lions)
4105	Judy Rejebian (Phoenix TC)
4050	Carol Thomson (Delaware TFC)
4001	Judy Durham (Angels TC)
3981	Connie Peterson (Illini TC)
3978	Alberta Martin (IATC)
3926	Linda Rowe (Un, Iowa)
3898	Rhonda Wood (SEMO TC)
3878	Sherice DuChamp (Wolverines)
3794	Mary Lalum (Kalispell)
3745	Jackie Van Buskirk (VOSTC)
3711	Sheila Owens (Wolverines)

4x110y RELAY

45.2	Tennessee State University
45.9	Atoms Track Club
46.0	Mayor Daley YF
46.1	Texas Track Club
46.8	Phoenix Track Club
46.9	Texas Southern
47.2	Philadelphia Hawks
47.5	Alcorn A&M
47.5	Ohio Track Club
47.6	Angels Track Club
47.8	Oregon Track Club
47.8	Mickey's Missiles
48.0	Laurel Track Club
48.1	Iowa Track Club
48.2	Los Angeles Track Club
48.2	Ambler Olympic Club
48.2	Lakewood Spartans
48.3	Albuquerque Olympette Club
48.4	Southern California Missiles
48.8	Long Beach Comets
48.8	Kirkwood Track Club
48.9	Denver All Stars
49.0	Hyte Track Club
49.0	Peoria Track Club
49.1	Cleveland Recreation TC
49.3	Millbrae Lions
49.3	New York PAL
49.3	San Joaquin Valley AC
49.4	Surrey Athletic Club
49.5	Pays Track Club
49.5	Wolverines Track Club
49.5	Thunderbolt Track Club

MEDLEY RELAY (220-110-110-440)

1:40.3	Sports International TC
1:43.1	Mayor Daley YF
1:43.9	Albuquerque OC
1:44.9	Texas Track Club
1:45.1	Ambler Olympic Club
1:46.2	Texas Southern University
1:46.4	Atoms Track Club
1:46.6	Alcorn A&M
1:46.8	Southern California Missiles
1:47.3	Iowa Track Club
1:47.4	Santa Ynez Track Club
1:47.7	Long Beach Comets
1:47.8	Colorado Pacers
1:48.0	Millbrae Lions
1:48.1	Hawaiian Women's TC
1:48.3	Lakewood Spartans
1:48.6	Angels Track Club
1:48.8	Will's Spikettes
1:49.2	Los Angeles Track Club
1:49.3	Houston Astrobelles
1:49.6	Laurel Track Club
1:49.8	West Coast Jets
1:49.8	Aurora Track Club

4x440y RELAY

3:31.3	Atoms Track Club
3:44.5	Sports International TC
3:44.7	Angels Track Club
3:47.6	Los Angeles Track Club
3:48.1	Ohio Track Club
3:48.4	Cleveland Recreation TC
3:52.2	Long Beach Comets
3:52.3	Millbrae Lions TC
3:53.3	Will's Spikettes
3:53.3	Mayor Daley YF
3:53.5	San Jose Cindergals
3:54.8	Oregon Track Club
3:57.4	Lakewood Spartans
3:59.5	La Mirada Meteors
4:00.1	Wolverines Track Club
4:00.8	Ozark Track Club
4:01.9	Greater Iowa HS
4:02.3	Colorado Pacers
4:03.3	Kettering Striders
4:05.1	Mickey's Missiles
4:05.2	Albuquerque Olympette Club
4:07.9	Surrey Track Club
4:09.4	Urbandale HS, Iowa
4:09.7	Texas Track Club

4x220y RELAY (*=800m + 0.9)

1:40.1	Ohio Track Club
1:40.5	Atoms Track Club
1:40.6	Texas Southern
1:40.7	Tennessee State University
1:41.0	Mickey's Missiles
1:41.2*	Angels Track Club
1:41.6	Lakewood Spartans
1:41.7	Mayor Daley YF (1:40.3d)
1:43.0	Alcorn A&M
1:43.0	Oregon Track Club

WORLD BEST MARKS FOR 1950, 1960 and 1970

	1950	1960	1970
100m	11.5	11.3	11.0
200m	23.6	22.9	22.4
400m	56.7	53.4	51.0
800m	2:13.0	2:04.3	2:00.5
800mH	11.0	10.5	10.2
HJ	5'7 1/2"	6'1 3/4"	6'3 3/4"
LJ	20'6"	21'0"	22'5 1/4"
SP	49'3 3/4"	58'4"	65'0 1/4"
DT	174'8"	187'6"	209'10"
JT	175'2"	195'0"	204'8"
4x100	46.4	44.4	42.8

(From "Der Leichtathlet")

KALEIDOSCOPE

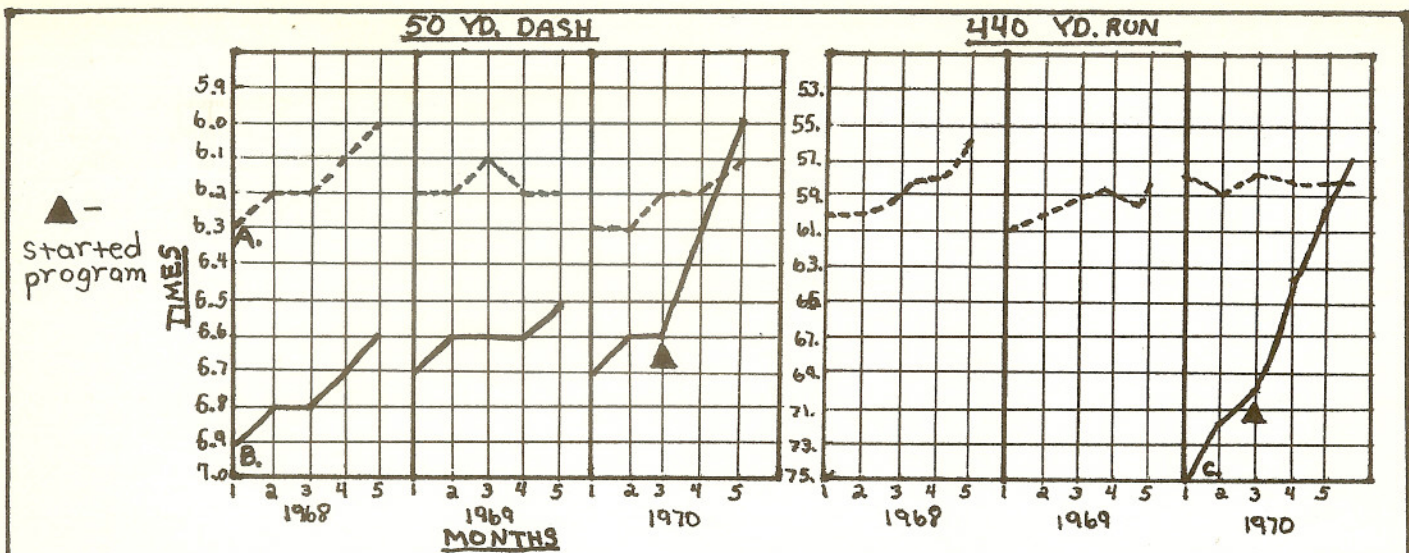
The Lipke Track Club has available their 1970 Yearbook. 40 pages. Interesting to all, especially new clubs looking for ideas. \$1 to Lipke TC, 11727 Christy, Detroit, Michigan, 48205.....Bethe McBride, onetime nationally ranked in the long jump, may make a comeback via Liberty AC....Entry forms for the National Intercollegiate T&F Championships may be secured by writing Dr. Peggy Gazette, Women's PE Dept, Eastern Washington University, Cheney, Washington, 99004.....Judy Vernon, now in England, writes she is eligible to join an English Club and represent Great Britain.

If you schedule any meets in central California, check the entry list in the 12/13 division and if Yolanda Eldridge is entered - look out! That's Wilma Rudolph's daughter.... Get entry blanks and info for the Indoor Nationals by writing to Ollan Cassell, 3400 W. 86th Street, Indianapolis, Indiana, 46268.....Entries close for the Pan Am Games trials on April 24. Get your info from Jack Milne, Quantico Relays, Quantico Marine Corps, Quantico, Virginia. It has been explained that from this meet, six athletes will be chosen and will compete in another trial at Urbana, Illinois on June 19. The purpose of this meet is to prove that

the first two place winners at Quantico are still in shape. As it stands now, only an injury would keep the top two at Quantico from making the team regardless of improved performances by the other four finalists. None of this makes very much sense to WTFW.

Lois Drinkwater, now Mrs. Thompson, a 1968 Olympian, had a baby girl January 2nd...."Startling Line", the new magazine for age groupers, boys and girls, has released its first issue and makes a good combination with WTFW. Write PO Box 878, Reseda, California, 91335. It's a mighty fine publication....The 1970 TV series, "AAU Track and Field", was seen by about seven million sets each week. Present plans call for some expansion of the program covering 18 weeks instead of 13 with the first three programs one hour and the other 15 an hour and a half.....

An international match is rumored set for July 16-17 at Durham, North Carolina, between the USA and Africa. The USA-USSR meet is set sometime between the 4th and the 10th of July with possibly Italy as a third team. Americas versus Europe is scheduled about August 20-21. But both the latter meets are still uncertain as to date and site. What with the Pan Am Games and other meets, when are we going to get



"A"=established runner; "B"=High School runner; "C"=beginning runner.

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KALEIDOSCOPE (Continued)

in our own National Championships - and where?....Next World Student Games will be in Paris in 1973....Neither the indoor or outdoor championships will officially score team champions from now on.

There are 134 members of the IAAF whose next meeting is scheduled in Africa next April at which time the standards for the 1972 Olympic Games will be set....Track at Munich will now start on August 31 and end September 9....1971 National Cross Country Championships will be in Cleveland.Pan Am Games coach is Dr. John Davis of the Topeka Cosmo Club, Brooks Johnson (Sports International) is his assistant and Roxie Anderson (Laurel TC) is the chaperone....

1972 Olympic Games trials will held at Frederick, Maryland in July. The Olympic coach is Joe Robishaux (Mayor Daley YF), assisted by Ron Sorkness (Angels TC) and Randall Lambert (Nebraska TC).....Jenny Otto, missing for a couple of season due to multiple injuries, is now at Wooster and making a comeback at the ripe old age of 18....The average age of track and field medal winners at the last Olympics was 27.9 years - how does that grab those who "retire" at 20?Best 3000m mark on record is 9:38.0 by Italy's Paoli Pigni - made en route to a 5000m clocking....Britain's Ann Wilson has announced her engagement to David Turner....And still another athlete married her coach in December when Chi Cheng said "I do" (I think) in Chinese to her coach....Old friend and "wonder lady" of track and field, Anne McKenzie of South Africa is back on the track after two years of forced layoff and a knee operation. On November 13 she ran 800m in 2:19.2 and came back the next day to turn in a 1500 meter time of 5:01.8. Anne is now 45 year old....Our nomination for a special Athlete of the Year award must go to Ireland's Maeve Kyle who qualified for the final of the 400 meters at the Commonwealth Games and ran in that world record race - Maeve is 38 - or is it 39?....Many thanks go to Winfried Kramer who maintains the Club records from West Germany and sends them to us for our Record Club Contest.

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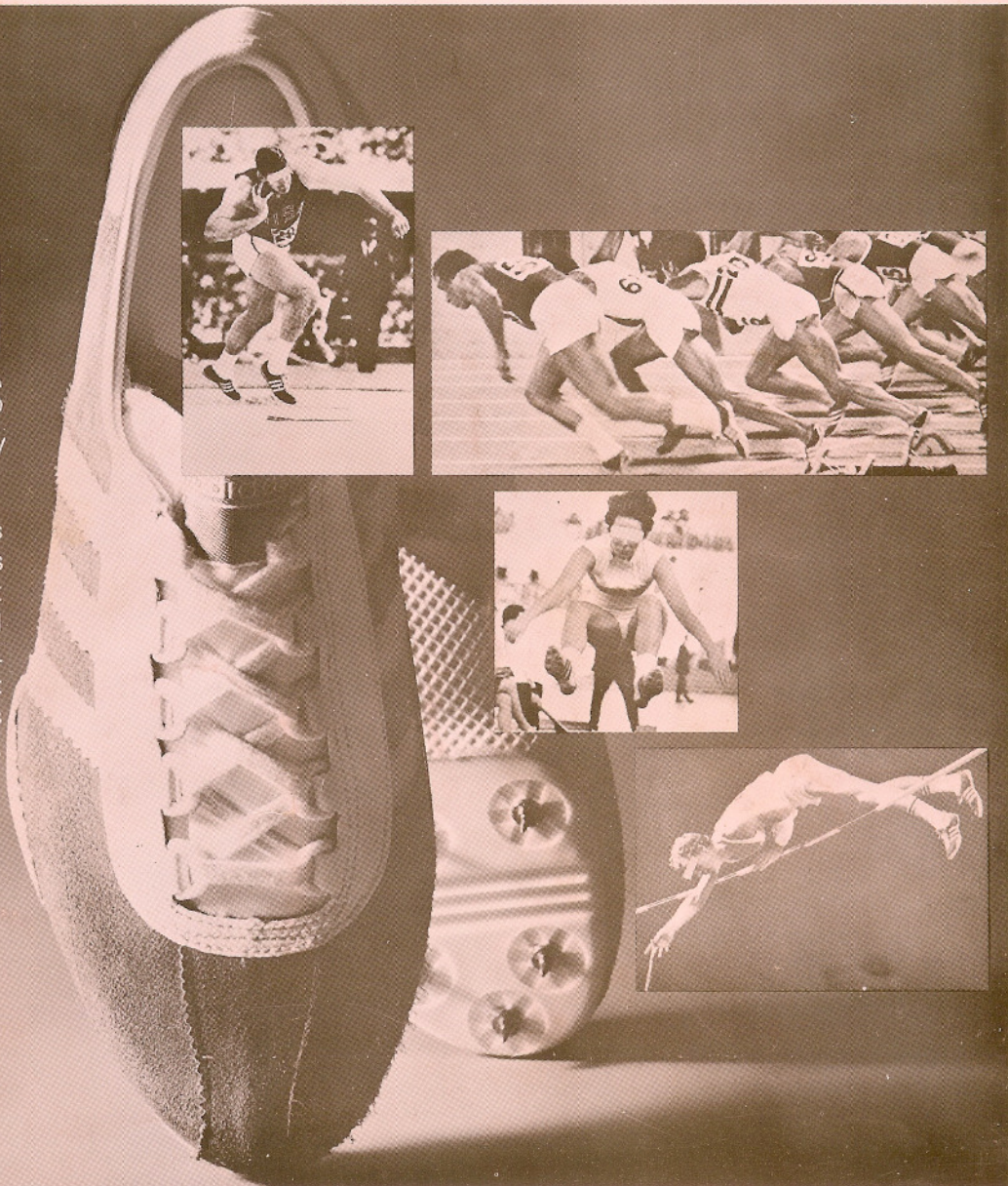
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