VOUUME XIX, NUMBER 7
COLUMBUS, OHIO
SEPTEMBRR, 1983
PRICE WINS 100 MIIE FOR FOURTH TIME
Columbia, Mo., Sept. 18 --Unseasonably hot weather made a shambles of the National TAC 100 mile championships, but it could only slow, not stop Washington, D.C.'s Alan Price. It was the fourth title for Price in the six years the race has been held. However, it took Alan $2 \frac{1}{2}$ hours more than in any of the other three as he struggled home in $22^{3} 39$. But struggling home was more than almost anyone else could manage. The only other finisher was a heretofore uniknown woman, Chris Custer, who just beat the limit in 23:50. However, she walked faster over the second half than did the winner, (Jack Blackburn described the second place finisher as "a gorgeous young lady", but I dare not say that lest I be accused of sexism in aports reporting.)

The demise of Price and the rest of the field is attributed to the heat. The temperature was 93 F at the noon start on Saturday, rose to a high of 96, was still 82 at midnight, and dropped only to 72 in the early morning hours. Once the sun came up, it rose into the $90^{\circ} \mathrm{s}$ for the finish of the race. Closest to finishing besides the two who did were Bob Gragg, who has gone the distance six times and Jack Blackburn, with fice centuries to his credit, (Price was finishing his 10th.) Both were still walking at the end, having gone 88 and $87 \frac{1}{2}$ miles, respectively. However, Blackbum ha been forced to take a 3-hour nap during the night when his stomach refused to hold amything down. Tom Kline and Rich Myers both dia 81 miles. Rich was back, as he swore he would be, after having his leg completely shattered in a motorcycle accident 2 years ago. His next step will be to make it all the way, something he had done twice before the accident. Custer became the 42 nd U.S. Centurion and the fourth U.S. Iady Centurion.

| PAST WINNERS | $18: 57: 01$ | 1981 | Alan Price | $20: 09: 18$ |
| :--- | :--- | :--- | :--- | :--- |
| 1978 Alan Price | $19: 52: 15$ | 1982 | Bob Keating | $19: 19: 31$ |
| 1979 Alan Price | $18: 49: 52$ |  |  |  |

OTHER RESULTS
Bay State Games 5 Km , Cambridge, Mass., Aug. 11: Men--1. Steve Vaitonea 23:16 2. Brian Savilonis $23^{\circ} 32$ 3. Tom Knatt $23^{:} 47$ 4. Bob Kitchen $25: 38$ 5. George Lattarulo 27:13 6. Dick Fuquist 27:54 Women-1. Chris Anderson 26:01 2. Tammie MoPoland $27: 39$ 3. Kathleen Gallagher 29.34 4. Ann Birk $31: 23$ U.S.-Canada-Italy Junior Meets: Sherbrooke, Quebec, July 27: Men $10 \mathrm{Km}-$-1. Walter Arena, Italy 45:08.6 2. Roberto Giamogante, It. $45,08,7$ 3. Dan Broderick, Can. $46: 23.7$ 4. James Mann, USA 46:57 5. Andy Kaestnerc USA $46,58.8$ 6. Paul Turpin. Gan. $47: 41$ Women ${ }^{\circ}$ s $3 \mathrm{Km}-1$. Allison Baker, Can 14,37.0 2. Siani Stacey 14:59.9 3. Kerry Bratton, USA 15.06:6 4. Donn Goldstein, USA $15,45.2$ New Britain, Comn. July $30:$ Men's $10 \mathrm{Km}-\mathrm{K}^{\circ} \mathrm{l}$. Walter Arena 44859.5 2. Roberto DiMorgante (probably the same guy as Giamogante but they have his name messed up one time or the other) 47:07.8 3. Andy Keestner 48:12.1 4. Paul Trupin 49:52.1 5. James Mann 50:36.2 6. Anărew

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Bev IaVeck, U.S. women's record holder at 100 miles, finished the National 50 Km at Monterey earlier this year in $5: 27$ 228. SFORTSFOT0 ${ }^{\circ}$ by John Allen.

SEPTEMBER 1983
UPCOMING HBEL AND TOE CONTESTS AROUND THE COUNTTK
Sat. Oct, 15-1 Hour, Arlington, Va., 10 am (G)
Sun. Oct. 66--1 Howr, Stony Brook, NY, 11 am (K)
Gulf 25 Km , Houston, 8 am (A)
5 Km , Encino, Cal., $8: 30$ am (J)
50 Km , San Francisco, 9 am (I)
Sah. Oct. $22-{ }_{5}^{5} \mathrm{Cm}$, Iafayette, Col., 2 pm (D)
5 to 50 Km , Washington, DC, 8 am (G)
$10 \mathrm{~K}_{\mathrm{m}}$, Monterey, Cal., 10 am (i)
Sun. Oct. 23--New York City Marathon, 8 am (E)
at. Oct. 29--5 km, Dearborn, Mich., 10 am
Sun. Oct. 20-10 Km, Sayville, NY, 10 am (s)
3 Km , Encino, Cal., (J)
Women's 5 Mile, San Francisco (I)
Sat. Nov. 5---NATIONAL TAC 100 KM , WASHINGION, DC, 7am (G)
Sun. Nov, 6--5 Miدe, Mirecle, NY, 2:30 pm (K)
Gulf 35 Km , Houston (A)
10 Km , Iowa City, 8:30 am (Y)
$\frac{2}{2}$ Marathon, Stockton, Cal. (I)
Sat. Nov, 12--Cranberry Crawl 10 Km , Washington, DC, 9 am (G)
Sun. Nov, $13-5 \mathrm{Km}$, Los Angeles, 8 am (J)
5 km , LongIsland, $10 \mathrm{am}(\mathrm{K})$
1 Hour , Arlington, Va.. $1: 30 \mathrm{pm}$ (G)
Sat. Nov, 19--15 km, San Francisco (I)
Sun. Nov, 20-NATTONAL TAC 2 HOUR, UPPER MONTCLAIR, NJ (H) 20 Km , New York City, 10 am (E) 1 Hour and 2 Hour, Austin, Tex. (A)
Sun. Nov. 27-Coney Island 10 Mile and 2 Mile, 10 am (E)
Sun. Dec. $4--\frac{10 \mathrm{Km}}{}$, Beverley Hills, Cal (J)
1500 and 3000 m , Arlington, Va., 10 am (G)
CONTACTS:
A--Dave Gwyn, 6502 S. Briar Bayou, APt, 203, Houston, TX 77072 D-E.J. Rivet, 471 S. Kalispell Way \#120, Aurora, $\infty 080017$ E-Howie Jacobson, 445 E. 86th St., New York, NY 10028 P--Elliott Denman, 28 N. Locust, West Iong Branch, NJ 07764 G-Sal Corrallo, 5351 N. 37th St,, Arlington, VA 22207 H--Randy Krakower, 534 Paramus Rd., Paramus, NJ 07652 I--Harry Siitonen, 106 Sanchez, Apt. 17, San Francisco, CA 94114 J--John Kelly, 1024 Third .St., Santa Monica, CA 90403 K--Gary Westerfield, P.O. Box 440 , Smithtown, NY 11787 $0-$ Frank Alongi, 26530 Woodshire, Dearborn, MI 48127 O-Frank Alongi, 26530 Woodshire, Dearborn, MI 48127 S--Robert Timmons, 90 Colton Ave., Sayville, NY 1178 W--Giulio de Petra, P.0. Box 2127, Carme1, CA 93921 Y--Iowa City Striders, Box 627, IowaCity, IA 52244
Z-Neal Picken, 219 Ozark Acres, Bentonville, AR 72712
Z-Neal Picken, 219 Ozark Acres, Bentonville, AR 72712 15 Chestrut St., Waltham, MA 02154
RESULTS * (cont.)*

*     * 

McNichol, Can. 50:39.5 Women's 3 Km--1. Allison Baker 14:38.7 2. Donna Goldstein 15:22.7 3. Siani Stacey 15:29 4. Kerry Bratton 15:36.7
Full Results Pan-American Games: 20 Km , Aug. $24-1$. Ernesto Canto, Mex, 1:28:12 2. Raul Gonzalez, Mex. 1:29:21 3. Hector Moreno, Col. 1E30:05 4. Francisco Vargas, Gol. 1:33:17 5. Marcel Jobin. Can. 1:34;05 6. Jim Heiring, USA $1: 34: 47$ 7. Santiago Fonseca, Hond. $1: 38: 38$ 8. David Castro, Cuba 1:39:35 9. Mario Rodriquez, Pan. 1:40:21 10. Carlos Ramones, Ven.

1:42:04 11. Omar Guerra, Ven. 1:46:41 12. Nelson Funes, Guat. 1:50:38 13. Rafail Valladares, Hond. 1:51:34 DNF; Marco Evoniuk, USA, Guillaume Ieblanc, Can., and Jose Alonso, Guat. 50 Km, Lug. 27-1. Raul Gonzalez, Mex. 4:00:45 2. Martin Bermudez, Mex, 4:04:21 3. Querubin, Co1. 4:23:20 4. Tom Edwards, USA 4:30:53 5. Enrique Pena, Col, 4:52:30 6. Nelson. Fuenes, Guat. 4.59:08 DQ-Devid Castro, Cuba and Marcel Jobin, Cant. DNF-Sam Shick, USA, Omar Castillo, Ven., and Francois IaPointe, Can.
National Jr. O1ympics, Durham, NC, July 30 : Boy's $3 \mathrm{Km}-1$. Tony Englehardt, Seattle $13: 57.3$ 2. Rob Campbell, Reno, Nev. $14: 25$ 3, Mike Roh1, Nassau, NY. $14 ; 44.3$ 4. Erick Schmook, Parma Heights, Ohio 14;59.5 5. William Haner, Valatie, NY 15;04.6 6. Michael Hall, McÁlester, Okla. 15;39.2 7. Feter Almasy, Raleigh, NC 15;49.3 8. Dan Krause, Arlington, Va. 16,01 9. Robert Almasy, Raleigh, NC 15;49.3 8. Dan Krause, Arlington, Va. $16 ; 01$, 9 , Robe
Quaid, Merritt Island, Fla. $16: 27.510$, Billy Rhodes, Raleigh, NC $17: 00$ Quaid, Merritt Island, Fla, $16: 27.510$, Billy Rhodes, Raleigh, NG $17: 00$, Girl's $3 \mathrm{Kn}-1$. Meg Nangan, Pittsburgh $16: 01.2$ 2. Bridget Dupre, Lewiston, Maine $16: 52,2$ 3. Claudia Schiffers, Charlotte, NC $17: 28.2$ 4. Winnin Mangan, Pittsubrgh 19:09.4 5. Carmon Nordman, Charlotte, NC 18:29.2 6. Ann Klein, Seattle 18:29.9 7. Mary McGrath, Miami $20: 21.3$ 8. Kim Hagen, Brighton, Mich. 21:23.2 Younger Boy's $3 \mathrm{Km}-1$. Martin Wright, Phoenix, Ariz. 14:44.1 . Curt Clausen, Stevens Point, Wis, 15:08.8 3. Dan Costello, Narion, Iowa 6.224 . Bodney Brover, Sandhills, NC 16.53 .5 5. John Mcklroy, Burlington,
 kins, Chester, Va. $18: 41$ 8, Daryle Ciejka, Saratoga, NY 19:25.3 9. Doug Zamastil, Winfield, Ill 23:07.7 Younger Girls $3 \mathrm{Km}--1$. Kim McClure, Aums viller, Ore. $15: 51.5$ 2. Trya Karlsson, Seattle $16: 00$ 3. Katie Warren, Miami i6 21.8 4. Erica Benson, Dayton, Ohio $16: 52.3$ 5. Pan Haley, Springfield, Ohio $17: 22.6$ 6. Kathy Hardin, Fort Iauderdale, F1a, 17:23.1 7. Lisa McYay, Sparks, Nev. 17:23.8 8. Alexadiria Schiffers, Charlotte, NC 17:42 9. Paula Benoit, New Orleans 18:46.4 10, Kirsten Christopherson, Stevens Point, Wis. 19:01.7 11. Eileen Rhodes, Raleigh, NC 19:19.6 12. Shellpy Naha, Anderson, SC 20:03.9 Ohio 50 Km , Springfield, Sept, 4 ( 2.5 km outMcGaha, Anderson, Sc $20: 03.9$ rose to 90 F at midrace)--1. Gary Morgan ani-back course, temperature rose to 90 F at midrace)--1. (2:24:00 at 25 km 2. Jack Blackburn 5:47:21 (2:53:26), 18t master 5:12:12 (2:24:00 at 25 km$)$ 2. Jack Blackburn 5:47:21
3. Jim Higgins 5:50:10 (2nd master) 4. Steve Jones 6:25:47 5. Rich 3. Jim Higgins $5^{150: 10 ~(2 n d ~ m a s t e r) ~ 4 . ~ S t e v e ~ J o n e s ~ 6: 25: 47 ~ 5 . ~ R i c h ~}$ Myera 6:32:21 (3:16:19) 3rd master 6. Fhil Lewis 6:51:13 7. Bill Lord ${ }^{7}: 15$, 1st Junior DNF: Chris Knotts $2: 56: 00$ at 30 Km 10 Km , Dearborn, Mich. 7:15, 1st Junior DNF: Chris Knotts 2:56:00 at 30 Km 10 Km , Dearborn, Mich Sepi. 10-1. Carl Schueler 45:02 2. Gary Morgan $45: 35$ 3. Martin Kraft $49: 46$ 4. Keith Luoma 52:27 5. John Padrick 56:09 Masters: 1. Allan Fillipe 57:59 2. Frank Soby 58:03 3. John Goodman 62:52 4. Jim Skalski 68:02 DNF: Gerry Bocci Junior: 1. Dan O'Bryen 58:02 Women: 1. Jeanne Bocci 53:36 $\frac{1}{2}$ Marathon, Santa Monica, Cal., Aug. 28--1. Dan $0^{\prime}$ Connor 1:35:50 2. EA Bouldin 1:51:50 3. Dale Sutton 1:55:20 4. John Kelly 2:59:42 5. Tennie Reilly 2:04:30 6. Terry Mathews 2:09:20 7, Gerry Wilti 1:59:42 5. Dennie Reilly 2:11:39 Women: 1. Liz Kemp 2:13:07 24 Hour 2:10:15 8. Carl Agosta 2:11:39 Women: 1. Liz Kemp 2:13:07 $\frac{24 \text { hour }}{\text { Fedestrian Race, San Diego, Aug. 20-21-.. .4. Katie 0'Classen 100.7 miles }}$ Pedestrian Race, San Diego, Aug, 20-21--. .4. Katie $0^{\prime} \mathrm{Classen} 100.7$ miles (first and only race walker. This made her the fourth woman Centurion, of Chris Custer. The race was on a 400 neter track with Dale Sutton and Liz Keap (lady Centurion \#3) judging. Western Regional Masters 5 Km , ips Gatos, Cal., Aug, 21--1. Chuck Manny Adriano (35) $25: 20.3$ 5. Lori Maynand (47) 26:20, 6. Steve Pendlay (31) 27:06.8 7. Bev LaVeck (47) 27:51.9 (47) Gordon Wallace (73) 29:54.6 9. Giulio de Petra (72) 29:58.6 10. Frank . Gor (59) $33^{246.5} 11$. Ches Unruh (76) $34^{2} 00$ ( 19 finished) 20 Km : I. Narut Kelly (59) $33: 46.511$. Ches Unzuh $1: 51: 94 \quad 2$. Fend lay 1:55;36 3. Adriano 1:55;59 4. Maynard 1:58:25 5. $1: 51: 34$ 2. Fendlay 1:55:36 3. Adriano 1:55:59 4, Naynard 1:18:05 8 . LaVeck 2:00:13 6. De Petra 2;04:47 7. Diane Mendoza (35) 2:11:05 10 , Bruce fansde11 1:41:45 Vallace $2413: 24$ Guests: Wayne Glusker 1:36:33, 483 yds 2. Giulio de Fetra 1 Hourr, Carmel, Cal., Aug. 7-1,STeve Fenday 0 5 Hour, Carmel, Cal., Aug. 1659 yds 1 Hour, San Francisod, Aug. 14 -1. Bruce Ransdell 7 畓 726 yds

SEPIEMBER 1983
PAGB 5
2. Chuck Marut 7 mi 623 3. Ctto Sonmeracuer (65) $5 \mathrm{mi} 631 \quad 10 \mathrm{Km}$, Bellevue. Wash, Aug, 28--1. Sam Miller (lady Sam, that is) $50: 49$ 2, Jay Haavik 50,49 4 Mile, Black Diamond. Wash., Sept. 5-1. Allen James $31: 33$ 2. Tony Englehardt 31:55 3. Gerry Follet 33:08 4. Susan (Sam) Miller $33^{2} 08$ Masters r 1. Paul KaaId 35:57, 2, Bev IeVeck $36: 38$ 3. George Edwards $37: 57$ 4, N1ck
 2:04:08 5. Paul Kaald 2:04;26 6. Sam Miller $2^{2} 06: 09$
3 Km , Berlin, Aug, 17--1. Martin Torporek, Austria $11: 25.58$ 2. Franz-Josel Weber, WG 11:31:01 3. Jim Reiring 11:35;04 (American record). . . .Marco Evoniuk $11: 58.43$ Buropean $\mathrm{Jr}_{\mathrm{r}}, 10 \mathrm{Km}$, Vienna, Aug, 25-1. Walter Arena, It. $42: 16.6$ 2. Jazek Herok, Fol. $42: 59$ 3, Jos Martens, Belgium 43:02-the event took place before the meet was officially opened, which is typical of the way walking races are treated

FROM HEEL TO TOE
Iarry Ierson writes to correct a mistake we had in our sumnary on the new judging procedure in the July issue. The line that read "A verbal warnine is not given." should have read "A verbal warning is also given." Iarry goes on to state: "There should always be both a verbal and visual indication by the judge. The visual indication (now by each walking judge with the white flag and paddle, disc-with symbols for loss of contact or bent knees--previously only the Chief Judge was empowered to use them) is done at the same time that bhe verbal warning is given. Only the Chief Judge has the red flag and can make the official disqualification call." larry also tells us: "Another wording change that will hopefully be in effect next year (in the TAC rules) is the addition of the words 'as seen by the human eye". This was recomended by the U.S. I.A.A.F. Judges at the Convention last December and approved by the National Race Wa.lking Committee. It is being proposed to the TAC Rules Conmittee for adoption. The intent is that the human eye must make the judgement on the spot as in any other judgement sport (e.g., figure skating, diving, baseball, football) and a call cannot be made on the basis of what a picture in the newspaper-which very possible was taken at a spot where there was no judge-or high-speed movies may show. It reinforces what is already accepted." . . .Not all would agree with this. In the British plulication, Race Walking Record, correspondent John Fowe11's report from the Korld Championships in Helsinki includes the following passage: "The 20 km was held on a warm evening and there was a leading group of about $\frac{12}{}$ walkers for well over half the race. The gneral impression was that not all of this group were complying with the definition of walking and it must be queried whother the six judges listed in the program plus two more I understand to have been drafted in, were sufficient to $\operatorname{cop}$ with such a situation at this speed, however, the photographs I took do not show any wholesale contravention and I would suspend further judgement until the cine film I took (mainly at normal speed, I might add) has been developed. The rest of our party who remained in the stadium told me that a number of video shots taken during the race and shown on the screen in the stadium indicated that some walkers who got through were not maintaining contact. If ve are to retain credibility both with other athletes and the general public, we must face this issue squarely and in fact we have no excuse for not using film to assist judges, especially when the 20 km in major competitions is on the track. In fact, a hamer medal won by a Pole was disallowed after a Soviet ptotest after seeing the video film. Walking must be seen to be walking and a useful step to ensure this in internationals would be to reduce the bumber of disqualification cards from three to two." . . . In that Helsinki 20 km there were still eight walkers together at $15 \mathrm{Km} \ln \mathrm{I}_{2} 01: 17$ before Canto blew the race open with a 19:32 for his final 5. Three others were only
were only 5 seconds back at 15. Marco Evoniuk lay 15th in a swift 1:02:24 at that point. Incidentally, CKI, the homeland of last-piace finisher Uango Areai, is the Cook Islands. . Sending along an AP wire release that begins: "Shelbyville, Tenn,--Here are the results from Thursday's competition at the 45 th AnnualTennessee Walking Horse Celebraticnt $\mathrm{t}^{\text {", }}$, Elliott Denman conments: mcan you verify? Rumor has it that race walking will be definitely be included in the next equine olympics. 20 km and 50 km , of course. Riders must maintain contant and straighten each stride, too. The big question: Who will do the judging? And will the horses understand the white flag, red flag system? Or is this a wicked scheme cooked up by certain race walkers of my acquaintance who had an occassional interest in the ponies??? Some consolation: Tennessee, not having walking humans, at least has walking horses." . . The Athletics Congress now has an official race walking publication. Edited by Dan D'Connor, RW Coaching Aids bi-annually, it says, but do they mean semi-annually. Anyway, issue number 1 is dated Sumer 1983. Done even somewhat more informally than the oRd, it includes among other things a good artiole on Training Patterns by Bob Jawson and brief articles by Larry Young and Tom Dooley giving their perspective on training. Unfortunately nothing is said about availability, i.e., how you get it. Suggest you write Bob Kitchen, 122 Pine Street, Forthampton, MA 01060, the National $\mathrm{C}^{\mathrm{H}}$ airman, or the Athletics Congress Publication Office, 155 W . Washington St. Juite 220 , Indianapolis, If 46204 (maybe Bob doesn't want letters from 400 OR subscribers) for further information. . . Another thing in that first issue is a chart showing the average age of walkers in T\&F News annual US, 20 Ka ranings, first started in 19 p 2 . That first year, the 10 ranked walkers averaged 28.5 years of age. That rose to 30.1 in 1973 and to 32.5 in 1974. Since then it has dropped each year-30.4, 29.7, 28.8, 28.2, 27.5, 26.3, 25.7, and finally 25.5 last year. . The countries that have put race walkers on stanps, a list provided by Ray Ieach that I mentioned last month, are: Ajman, Dominican Republic, Liberia, Luxembourg, San Marino (3 stamps), Swaziland, Yenen Arab Repbulic, Isle of Man; and Magaland. Interesting list, since Iuxembourg and the Isle of Man are the only ones in which I am aware of any race walking activity. What inspired the others to put race walkers on a stanp?. . .Thanks to John H. Kelley (Glendale John, not Santa Monica John) for sending me the IA Olympic Organizing C mittee pin. The parrot emblem is in a race walking posture, superimposed on a star background. A very nice pin available for $\$ 4.00$ from First Interstate Banks. . This issue of the ORM is being put together on the weekend of Sept. 24-25, Lugano weekend. I have debated holding it up to await results of the Lugano and Eschborn races, but because I have to be out of town the end of this week and I can't be sure when I will have full details, I am wrapping this issue up. The October issue then will come out earlier than usual in order not to delay too long in bringing you the story of these important world championship races. The D.S. team for Lugano is Jom Heiring, Tim Lewis, Todd Scully, and Sam Shick at 20 and Tom Edwards, Marco Evoniuk, Wayne Glusker, and Dan O'Connor at 50. The Eschborn Cup 10 Km will see Susan Liers-hesterfield, Susan Miller, Debbie Spino-Lewrence, and Maryanne Torrellas representing the U.S.

A couple of additional races:
Colorado TAC 10 Km , Aug. $14-\mathrm{-1}$. Steve Pecinovsky $44,28 \mathrm{z}$. Dave Cummings $44: 31$ 3. Randy Mimm 44 : 39 4. Fabian Knizacky $45 \cdot 50$ 5. Troy Engle (now at the 0lympic Training Center) $46: 12$ 6. Parik Fenton $47: 43 \quad 7$. Mike Morris the olympic Training Center)
47,43 .. . Jnd Master-Ron Iaird 68,55 . (Colarado fats returns to the mars) $\mathrm{Col}_{0}$. State Fair 10 Km , Aug. 21-1. Pecinovsky 44.49 2. Knizacky and Mimin 46248 4. Bugle 48102 5. Iaind $67^{\prime} 27$ (and shows steady inprovement)

Almost all runners and race walkers experience lnee pain at scme point in their careers. On the whole, race walking knee problens are less severe than running induced problems. The shock in race walking at impact is considerably less than in running (as confirmed by Mark Fenton's investigation), This may explain the less serious nature of kenn injuries in walking.

Knee injuries can be divided into tho groups:

- Internal derrangements, such as torn cartilage, cruciate 1igaments collaterel ligaments. These are commonly seen in contact sports and are very devastating, usually requiring surgery and rehabilitation.
- External derrangements involving the patella (knee cap), bursa, ligaments, tendons, muscles, etc. These are structures located externally to the deep knee joint and are more susceptible to overuse problens.
The classic runner's knee (chondromalacia patella) can also occur in walkers. It is the result of the kneecap not riding up and down in the lonee groove. Excessive foot pronation and weak thigh muscles may result in Eide-to-side motion of the kneecap causing roughness and pain behind the kneecap. Pain and swelling surrounding the kneecap could be bursitis-minflasation of the joint fluid secreting tissues. Another related problem involves various tendonitis conditions of the tendons surrounding the knee. $C=0 n 3 y$ involved muscle-tendons are the thigh (quadriceps) and inside and outside hamstrings (biceps feaaris). The flexion-extension action of race walking on the knee may irritate these structures. Outside lnee pain may ranifest itself as a burning or snapping feeling. This is the result of a structure known as the lilotiloial band rubbing the outside aspect of the knee joint where it crosses on its way down from the hip.

Finally, a muscle and tendon soreness specific to racenalkers is popIteal tendonitis. This is soreness occurring behind the knee and involves a small muscle and tendion fimportant in the fyperextension of the tonee (locking and straightening).

All of the above conditions are not serious and may be treated to allor one to resume training effectively. Since they are inflamataons, ice packs should be used often. Gentle stretching is also encouraged. Worn shoes may be to blame or excessive motion of the feet or legs as well.

## LOOKING BACK

15 Years Ago (From the Sept, 1968 ORW)--In the U.S. Olympic Trails in Alamosa. Col., Ron Lairr prevailed at 20 Km in 1:37:45 with Rudy Haluze ( $1: 38: 14$ ), Ierry Young ( $1: 38: 40$ ), and Toil Dooley ( $1: 41: 03$ ) following. Young was an easy Kinner at 50 in $4: 34: 10$, followed by Goetz Klopfer(4:44:02), Deve Moransky ( $4: 47: 23$ ), and Bob Kitchen ( $4: 50: 56$ ). When Young chose not to double, Dooley was added to the team. The times, of course, were slowed by altituie. In even bigger neks, Derek Douglas Mortland, the first child of Jack and Marty, popped into the world the day after that 50 km trial (Sept. 14). Tmbelievably tiny Derek is now nearly 6 feet tall and a sophomore at Columbus Alternative High School. He sheris great talent on the electric guitar and in abstract painting, is a better than average soccer player, and has taken no interest at all in race walking. . .Tom Dooley zipped a quick 5 miler in California ( $35 ; 20$ ) leaving Bill Ranney and Goetz Klopfer well back. ..A week before the Olympic trails, Young scored a very easy win in the National 30 km in Columbia, Mo. In 2131:20. Jack Blackbum was second, some 24 minutes back, as fer

won that one in 1:09:03 with Romansky 39 seconds behind. The next four spots went to ROn Kulik, Jack Blackburn, Ron Daniel, and Steve Hayden.
10 Years Ago (from the Sept, 1973 ORW)--The U.S, women took the first four places to win an International 5 km dual match with Canada. Ellen Minkow was the winner in 26:31.7, followed by Esther arquez, Cindy Arbelhide, and Sue Brodock. . The National 35 Km went to John $\mathrm{K}_{\mathrm{n}}$ ifton in 3;00:31. Bill Ranney was more than 3 minutes back and he was followed by Jim Bear and Bob Bowman. The race was held in Seattle. . Hartwig Gauder won the European Junior 10 Km title in $44: 13.6$. Norway scored an upset in the Women ${ }^{6} \mathrm{~s}$ International 5 km , taking the team title from Sweden by a single point. Bivor Johansson won for Sweden in 25:12, but the Norwegians occupied the nest three places.
5 Years Ago (From the Sept. 1978 ORW)--In the European Championships, Fast Germany's Roland Wieser won at 20 and Spain's Jorge Llopart at 50, Wieser pulled away from three Soviet competitors on the final 5 Km to win in 1:23:12. He had a 20:30 on that last loop. Pyotr Potschenchuk and Anatoiliy Solomin, right with at 15 Km , finished in $1: 23: 43$ and 1:24:12. Boris Yakov yev, Jose Marin, and Maurizio Damilano filled out the first six. Llopart took command after 30 Km to win in 3:53:50. Next wereSoviet Veniamin Soldatenko in $3: 55: 12$ and Pole Jan Ornoch in $3: 55^{\circ} 16$. Four others broke 4 hours-0tto Bartsch and Viktor Dorovskiy of the USSR, Vittorio Visini of Italy, and Sandro
 $3.55^{\circ} 50$ and the other two were just over 4 hours. Marco Evoniuk took the U.S title in 4:24:05 with Augie Hirt and Carl Scheuler also under 4:30, . .J. S. Junior tities went to Fete Timmons at $5 \mathrm{Km}\left(25^{2} 30.6\right)$ and Mike Morris at 20 (1:47:10). Dave Cummings was second in the 5 and Timmons second at $20 . \ldots$ (1:47:10). Dave Cummings was second in the 5 and Timmons second at 20 . Sweden won the women's World meet with Britt Marie Carlsson first $2 t 5$ Ksu U.S. finisher with 8th in the 5 (24:41)-wrong--Liz Dufour was 7 th in the $10(52: 39)$. The U.S team finished thind behind Sweden and Norway. (The English, a solid second in the 5, had no compttitors at 10).

Which is the leading race walking nation in the world? Based on Teack and Field News World Rankings published annually, it has been the USSR over the past 12 years. (I use the T\&F N rankings rather than our own ORW rankings because they are nicely sumarized by year in the $1983 \mathrm{U} . \mathrm{S}$. Race Walk Handbook and I don't have to dig through 12 different issues.) Scoring 10 points for first, 9 for second, and so on through 1 for 10 th, the Soviets amass 338 points in the tho walks ( 20 and $50 \mathrm{~K}_{\mathrm{m}}$ ) to 319 for Fast Germany and 285 for Mexico. During those 12 years, the Soviets have had 20 different walkers ranked in the top 10 in those two events, Gast Germany 18, and Mexico 12, aitesting to the depth of performance in the USSR. However, Mexico did not come into prominence until 1975, the fifth year of the rankings, at which time East Germany already had 117 points and the Soviets 140 . Mexico had just four at that time. And even if we take the whole 12 years, but score just the first six on the usual track meet basis $(10,8,6,4,2,1)$. Mexico leads with 201 points to 187 for Bast Germany and 165 for the USSR, again attesting to the Soviet depth in capturing many more 7 through 10 positions in the rankings. The Mexicans have had the real super stars but the Soviets a lot of people close behind. So take your pick as to who should rank No. 1.

We also note, however, that the Soviet star has been fading (but so has that of the other two powers). UnitI 1982, they had neser failed to place at least one man in the top 10 at either distance and at least one in the top $s i x$ at 50 . But the best they could manage last year was a fifth at
20 as they were shut out at 50 . In 1981 , they had managed only a sixth at

30PTEMBEF 2983
and a. fifth, seventh, and eighth at 20 . For those two years they ranik only fourth, behind Italy and a single point ahead of Spain. Likewise, in 1982 East Germany failed to put someone in the top 10 at 20 km for the first time and the Mexicans were shut out of the top six at 20 for the first time since 1975. So there appears to be a shifting in the balance of power away from the big three.

For the 12 years, 16 nations have cracked the top 10 with at least oue walker, with 13 of them placing at least one in the top six. Seventy-nine different athlets have appeared in the top 10 and 56 in the top six. Mexico's Raul Gonzalez has the most top 10 rankings $--12,7$ of them at 50 . He has been ranked in the top six nine tines. Soviet Veniamin Soldatenko is next with eight top 10 rankings, all of them at 50 , where he leads Gonzalez 65 points to 63. All of Soldatenko's rankings were in the top five, coming In eight consecutive years, beginning in 1971. Gonzalez has been ranked at 50 for seven of the last eight years, missing in 1976 , and has been number 1 five times. Following these two, Mexico"s Daniel Bautista was ranked seven times (six at 20 including five firsts), along with his countryaen Domingo Colin (four at 20, three at 50) and East Germany "s Karl-Heinz Stadtmuller (six at 20, one at 50), and Wect Germany 's Berned Kannenbere, (four at 20 and 3 at 50).

Those ratiksi : six times are Spain's Jose Varin (three at each distance), West Germany "s Gerhard Weidner (a11 at 50), and the USSR"s Otto Bartsch (five et 50, one at 20).

Here is the way the nation's rank for those 12 years, scoring the top ten:

| 50 Km pts. | Total pts. | Ko. of difi- <br> erent walkers |
| :---: | :---: | :---: |
| 178 | 338 | 20 |
| 142 | 319 | 18 |
| 145 | 285 | 12 |
| 36 | 97 | 7 |
| 59 | 87 | 3 |
| 40 | 59 | 2 |
| 2 | 29 | 4 |
| 20 | 24 | 1 |
| 9 | 17 | 2 |
| 0 | 17 | 2 |
| 5 | 16 | 1 |
| 9 | 15 | 2 |
| 9 | 9 | 2 |
| 4 | 2 | 1 |
| 2 | 2 | 1 |

When just the top six are scored, the rankings are as follows (nurber of individuals in parentheses): 1. Mexico 201 (8) 2. East Germany 183 (12) 3. USSR 165 (15) 4. West Germany 58 (3) 5. Italy 44 (5) 6. Spain 35 (2) 7. Finland 14 (1) 8. Great Pnitzin 13 (3) 9. Czechoslavakia 12 (2) 10. U.S. 10 (2) 11., Folane 4 (1) 12. France 3 (1) 13. Sweden 2 (1)

We also looked at the U.S. top 10 rankings for the same period ani find that Dan $0^{\prime}$ Connor is a clear leader with 17 top 10 rankings ( 10 et 50). John Knifton is next with 12 (7 at 50) and Todd Scully has 11 ( 10 at 20). Three guys have been ranked 10 times: Lerry Young ( 6 at 50), Jim Heiring (five each), and Marco Evoniuk (Iive each). Tom Doley and Bob Kitchen Tere both ranked nine times; Dodley with six at 20 and Kitchen with five at 20, Other leaders are Floyd Godwin and Augie Hirt at seven, and Bill Ranney, Hon Taind, Jerry Brown, Carl Schueler, and Bob Rosencrantz with six.

## From the 1982 Race Walking World Statistics:

| ALL-TIME | 12 hours road $/ t=$ track |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| FLORINOND CORNET | WBF | PRA 11 | 120.810 | m(1) Le Mans | 31.7. 1938 |
| ADRIEN PHEULPIN |  | PRA 52 | 120.285 | m (1) Besancon | 14.9. 1980 |
| JAN DE JONGE |  | HCL 46 | 119.120 | m(1) Purmerend | 22.8. 1982 |
| TED RICHARDSON | WBP | GBR | t118.921 | m(1) Woodford | 16.10.1938 |
| JACKY FRICK |  | FRA | 118.640 | m(1) Besancon | 9.9.1978 |
| Cornet |  |  | t118.198 | m(1)Aubervilliers | 25.6. 1939 |
| ERIC HORTCN |  | GBR | $t 117.612$ | m(1) London | 2.5. 1914 |
| CLAUDE FERRY |  | FRA | 117.157 | m(1) Besancon | 11.9. 1977 |
| Frick |  |  | 117.157 | m(1) Besancon | 8.9. 1979 |
| TEL FAYNE /10/ |  | GBR 82 | t115.900 | $\mathrm{m}(1)$ London | 4.6. 1910 |
| MARCEL MOUQUARD |  | FRA | 115.674 | $\mathrm{m}(2)$ Besancon | 11.9. 1977 |
| ONANACHIVILI | (10) | FRA | 115.674 | m(2) Besancon | 9.9. 1978 |
| J. THEISMAN | (11) | PRA | 115.674 | $\mathrm{m}(2)$ Besarcon | 8.9. 1979 |

## ALL-TIME

GILBERT ROGER JAN DE JONGE
PRANK O'REILLY
JOHN MOULIN
DEREK HARRISON JAN VOS
HECTOR NEILSON MIKE HOLMES DAVE BOXALL
TED RICHARDSON

JAN DE JONGE GILBERI ROGER ADRIEN PHEULPIN ROGER QUEMENER Quemener
RCGER PIETQUIN
WBP $\frac{100 \text { miles road } / t}{\text { PRA } 14} 16,25$ track :
WBP

WBP
PRA 1416.25 .00 (1) Lyon HOL 46 16.33.00 (1) Bergen (BEL) 22/23.4. 1950 IRE 16.54.15 (1)Leicester 20/21.8. 1960 16.55.32 (1)St.Oedenrode 1.6. 1980 GBR 16.55.44 (1) Ewhurst 31.1971 17.15.50 (1)Skegness 31.7. 1976 WBP GBR 16 t17.18.50,0(1)Walton $14 / 15,10.1960$ GBR 51 17.21.52 (1) Leicester 21/22.8. 1982 /10/GBR 33 17.24.00 (1) Ewhurdt 23.6. 1979 (10) GBR 17.35.00 (1) Woodford

200 km road $(\mathrm{t}=\mathrm{track})$ :

ALL-TIME $\begin{array}{lll}\text { WBP HOL } \frac{200}{46} \quad 20.35 .57 & \text { (1) Bergen(BEL) 10/11.4. } 1982\end{array}$ WBP FRA 14.20 .46 .0 C (1) Lyon (BEL) 22/23.4. 1950 FRA 46 21.17.28 (1)Conflans $1 / 2.5 .1982$ FRA 41 21.29.13 (1) Chat. -Thier.19/20.4. 1980 BEL 38 21.37.29 (1)Chat.-Thier.21/22.4. 1979 $\begin{array}{llll}\text { FRA } 48 & 21.42 .17 & \text { (1)Bar-1e-duc } & 5 / 6.4 \text {. } 1980\end{array}$ | 21.42 .17 | (1) Bar-1e-duc | $5 / 6.4$. |
| :--- | :--- | :--- |
| 21.51 .41 | (1) Bergen(BEL) | $10 / 11.4 .190$ | 21.54.00 (2) Conflans 1/2.5. 1982 /10/FRA 11 21.56.00 (1)Strasbourg 2/3.4. 1952 POL 52 21.58.11 (1)Bar-le-duc 17/18.4. 1982 BEL 28 22.02.11 (2)Chat.-Thier.21/22.4. 1979 (10) GBR 33 22.04.20 (1)Conflans 29/30.4. 1978 (11)WBP GBR I6 t22.16.40,0(1)Walton $14 / 15.10 .1960$

JESSE CASTANEDA
GILBERT ROGER
GILBERT ROGER
JAN DE JONGE
PAUL FORTHOMME DEREK HARRISON
MAURICE SARRASIN Harrison LUIGI ROSSO ALBERT SEIBERT de Jonge FLORIMOND CORNET COLIN YOUNG
HECTOR NEILSON

$\frac{24 \text { hours } \text { road } / t=\text { track: }}{228.930 m(1) \text { Albuquerque }}$ WBP WBP FRA $14 \quad 225.350 \mathrm{~m}(1)$ Lyon HOL $46 \quad 221.650 \mathrm{~m}$ (1) Lyon BEL $39 \quad 219.886 \mathrm{~m}(1)$ Bruxelles GBR $\quad 219.570 \mathrm{~m}(1)$ Rouen PRA $16 \quad 219.350 \mathrm{~m}(1)$ Strasbourg 219. 230 m (2) Rouen 218.020m (3) Rouen FRA 11 216.800m(1)Par is /10/ $\begin{array}{ll}\text { ERA. 11. } 216.672 \mathrm{~m}(1) \text { Rouen } \\ 216.460 \mathrm{~m}(1) \text { Lyon }\end{array}$ | (10) GRR | 11. | 216.460 m |
| :---: | :---: | :---: |
| (1) LyON |  |  | (11) GBR $16^{\cdot}$ t214.058m(1)Walton

ALL-TIME
18/19.9. 1976 22/23.4. 1950 28/29.4. 1978 17/18.10.1981 20/21.5. 1978 1/2.4. 1950 8/29.4. 197. 28/29.4. 1975 23/24.4. 1949 3/4.5. 1980 24/25.4. 1936 8/9.5. 1971 14/15.10.196C


Denmark ${ }^{6}$ s Palle Iassen; chairman of the IAAP Race Walking Cominittee, and Detroit's Frank Alongi, the U.S. International. Judge at the Pan-Am Games, pause to pose for the camera during those games in Caracas.

