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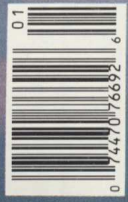
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# POWERLIFTING USA

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# USA DOES IT AGAIN IPF WORLD CHAMPS



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ON THE COVER... the USA Team at the IPF World Championships: front, left to right: Tim & Sandy King; back, left to right, Greg Jones, Sean Scully, Todd Suttles, Steve Coggins, Clarence Fielder, Dave Jacoby, Tim Taylor, Kirk Karwoski, Sly Anderson, Harold Collins, Dave Ricks, Mike Golden, Dan Austin

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## IPF MEN'S WORLDS as seen by PL USA Editor Mike Lambert

This year's IPF Men's World Championships took place in Birmingham, England - the location of the 1975 Worlds, and this year the stage was even more ornately set. The newly brand new National Indoor Arena is a spectacular facility. Birmingham has had plans to host the Olympic Games and this would have been one of the sites utilized, so you can imagine how fine a site it is for sports. Along with all the pomp and splendor there were light shows, a super sound system, aerobics demonstrations, etc.

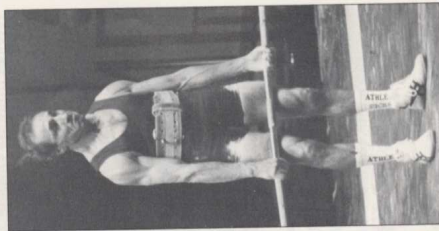
At the Worlds in Canada, one of the most appreciated features was the evening "social" where lifters got together after each day's lifting. This year there was a surprise "social" - somebody set off the fire alarms at the Holiday Inn - and everybody evacuated and got to know each other - at 5:00 o'clock in the morning. There was no fire and Kirk Karwowski is still looking for the guy who turned in the false alarm.

It looked like the USA team might be a little short on coaching staff, but the ever capable Sean Scully was joined by Mike Golden and the pair did an excellent job in the face of some rugged competition. Over 200 entries poured in prior to the meet, forcing Meet Director Ralph Farguharson to change the schedule of events several times, but at weigh-in time many did not show. Still, with 167 participants, it was a massive undertaking.

The 114 lb. class saw the debut of a very cleverly conceived set of lever action squat racks, simple strong - and effective, and they went up and down many times to accommodate the range of body sizes in the class. Hideaki Inaba (44 or so) was back to go for a hard to imagine 18th World Championship title, but Zhuravlev of Russia - much improved from his impressive debut in last year's Worlds - represented a serious challenge. Inaba crumpled under 187 in the bench, reportedly tearing his rotator cuff in the process (later the meet his arm was in a sling), and surged into the lead. The grinning Bhaskaran smashed the IPF deadlift record twice to finish just behind Hideaki and just ahead of the phenomenal 21 year old Stanaszek, who easily popped up Jr./Sr. world records in the squat (twice - with no wraps yet!) and bench. One of the few delays in the meet was when they had to search for the .5 kilo record plates for his first squat. Clarence Fielder of the USA just had too much



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Defaria set a Masters record.



Austin, a win, but not his best



Dave Ricks defended at 165.



Virtanen returns to 181 glory



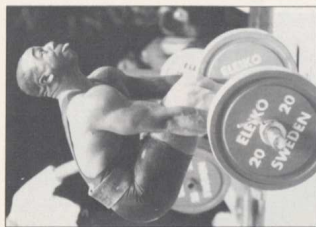
Anderson in command at 198

Nikolay Podosovny of the Ukraine has a new one - high belt squats. He wore his around his nipples.

In the Middleweights, Dave Ricks' one good squat, left the door open a bit, but he steadied right up after that and held off a determined pack of contenders: Mironov, Hanvanto, and Pesonen, to become world champion once again. The USA is blessed with many fine, experienced lifters and he is one of them. In tight situations, there are many chances for mishap, but Dave and our other guys have a habit of plotting the right course and following it through to the objective. Roberto Bettati of Italy bears a strong resemblance to British platform master, Brian 'Bah Loh-Ded' Smith, who was in attendance.

In the 181s, Jarmo Virtanen was back from last year's injury (He considered last year's Best Lifter trophy, awarded to Dan Austin, to be "his") and in winning form. 1991 Champ after the drug test results, Piet Van Haaren shadowed him, waiting for an opening that never came. Szymonowak, the Pole, did some inspired lifting for the bronze medal. The 'Smilin' Assassin' Dave Carter of Great Britain (the 'other' Dave Carter of England lifted in the earlier WPC Worlds), flashed his crooked tooth grin and pulled some mighty deadlifts to slash out of the 'B' group for this class into 4th place. Greg Jones of the USA was one of 4 lifters in a row, facing a bout unless he made his 3rd squat, who seemed to be 'saved' by enthusiastic audience support (stirred up by some wonderful announcing and 'hot music) and came through when it counted.

In the 198s, USA experience handled a strong contender from Germany. Frank Schramm has an almost impossibly massive physique for a mid-heavyweight. His tree trunk thighs jammed up one huge squat after another, and in the bench press he put his equally impressive upper body to work, again - three for three. The deadlift is usually his



No Disrespect... 220 lb. winner Brian Reynolds just sticks his tongue out when he lifts



Steady... Jacoby wins at 242



MuscleMan Karwowski at 275.



Main Man Ralph Farguharson

nemesis. After a smooth opener at 595, he did a Sumo twist in the wind with 628. Then came the stunner that had the USA coaches scrambling to change Sly's attempt - Schramm came back to pull even more for his final attempt. Veteran world champion Sly Anderson cruised along throughout the meet, not pushing himself to the limit, and took the winning weight almost casually for the win. Tosumdi of Kazakhstan arrived in the country at the beginning of weigh-ins for the 198s, somehow got checked in on time and found himself on the platform. His first squat was a bad miss, but he got his bearings after that to finish ahead of former teammate Kuznetsov. Gunnarsson looked like a contender, but was apparently suffering from an upper body injury.

In the 220s, the British crowd got a deserved treat, with some very close competition and, eventually, a countryman for a champion. Most successful as a junior in the past, Brian Reynolds bristled with excitement throughout his lifts, which included a new IPF Jr. World Record bench and total, capped by the winning deadlift. Built like a Russian tank, Mikhail Kulikov, struggled a bit in the squats, and then the crowd had to keep him in the meet on his 3rd bench, but his 3 for 3 deadlifting put him into the lead, at least for a while. Steve Coogins of the USA was hampered with only openers in the squat and bench, and then sprang into contention with a super final try at 782. He went for it all on his final try at 782, but it only got about half way up. On the final deadlift round, it seemed like every attempt upset the apple cart and had other lifters changing their attempts to compensate - best pure competition of the contest, and the audience (1500 plus at the max) sat with their mouths agape. David Benitez of Mexico journeyed alone to the meet, where he bombed out in 1990, but with the gracious coaching of World Champ Dave Ricks he got a nice total 'in'. For Belgium's

## VIDEOTAPES

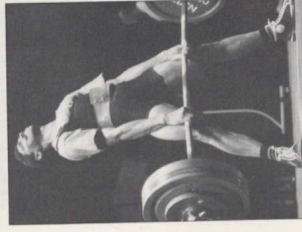
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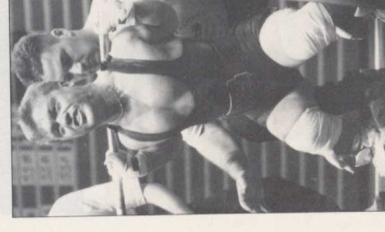
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Short Stroke Stanaszek's squat and bench world records didn't have to move very far



World Record of Bhaskaran, a fantastic 562 lb. pull at 114.





# WPC WORLDS

## as told by WPC President Kieron Stanley

Despite the global recessions and the unpleasant political influences affecting powerlifting, World Championships are being held. The 1992 World Championships attracted 170 competitors from 12 countries to compete in an event which offered lifters and spectators a show to remember. Originally planned to be held in Johannesburg, South Africa, organizational difficulties meant the Championships had to be relocated at the last minute to a venue in Rome, Italy. The competition was held over four days with the U.S.A. winning twenty-eight of the sixty-eight World titles contested. Fifty-two new W.P.C. World Records were established, twenty-five going to American lifters.

The W.P.C. amended its official rule book to accommodate the Monolift specifically for this event. This rule change would apply retroactively to take account of world records set at the A.P.F. Nationals earlier in the year. Ray Madden, designer and manufacturer of this innovative machine, was present throughout the Championships to oversee its use.

Day-one message and junior lifters brought home the first of the 1992 World Championships honours. In the Teenage 18-19 110kg class Phillip Bennett, USA, set a new world record in the deadlift with 290kg. Ernie Poigetter from South Africa, lifting in the junior 100kg class, failed to make depth on his three attempts with a squat of 365kg. Although this was his first lift on the platform, he was to open the Category three days later when he made a successful 380kg squat and totaled 845kg for two new junior world records and a creditable fourth place in a hotly contested category.

Forty-four master lifters took to the platform to compete in the Championships. The Best Lifter Awards in the World Championships went to Rick Cornell USA (40-49 age group), James Rouse, USA (50-59) and Larry McCauley, USA (60-69). Rick Cornell's 395kg squat increased the world record by staggering 47.5kg. James Rouse totaled 782.5kg in the same squat book, while Larry McCauley's world record on all three lifts and total, Best Master Lifter in the European Championships was Arthur White from Great Britain, whose 882.5kg total included a new world record of 345kg. Following a serious injury at the 1989 World Championships, Arthur White is making a return to the platform and will soon be looking for a return to the men's open powerlifting honours in the men's open category.

The women's masters and open event saw fifteen new world records. Petra Thyse from the Republic of South Africa made new world records with 170.5kg in the squat and 156.5kg in the deadlift. Her



WPC World Record Deadlift of 760 lbs. by Master's 100 kilogram Champion Arthur White of Ct. Britain. (photo courtesy Kieron Stanley)

399kg total was enough to win her the Overall Best Female Lifter Award. Helen McCauley from Great Britain set three new world master records in the 56kg class. Mary Warman, USA, set a new world record in the squat with 242.5kg in the 60kg class. Her 242.5kg squat created her own 67.5kg class squat record to 230.5kg on a fourth attempt. Laura Dodd, Best Female Master Lifter, was unlucky not to make her third attempt squat with 242.5kg. She was a new masters world record as was her 235kg deadlift and 577.5kg total. Anita Bruwer, from South Africa, set four new master world records (50-54) in the 90kg class.

The men's open saw a powerful line-up of seventy of the world's top powerlifters. All twelve bodyweight categories lifted contested. Lino's 52kg class to give Italy a happy world record. South Africa's John Nruza won gold in the 56kg class with a 505kg total. One of the Championships most entertaining lifters, Doug Health, USA, delighted the audience with his lifting and his 590kg total secured his world title. Great Britain's 67.5kg Mannerling total of 675kg, which was over ten times bodyweight.

The twelve top 75kg class lifters, Neville Primich from South Africa and Jose Perez of the USA, would appear to share ownership of the world title in this bodyweight category. Although fiercely competitive, of the platform and the men are the best ever to lift over two hundred kg for each other. This year it was also Overall Best Lifter in the Light-



Jim Rouse squatted a fantastic 705 in the Monolift (courtesy Frantz)

weight Category.

The 82.5 and 90kg classes both went to lifters from the Republic of South Africa. Jan Ferreira won the 82.5kg class and the 90kg class. Simon Palmer took gold of 830kg while Simon Palmer took gold of 90kg with the same total.

Lifters from nine countries lined up for the 100kg class title. Ernie Poigetter's 380kg squat was the biggest in this category and even more remarkable because it was a new Under-23 world record. He had to settle for fourth with 352.5kg in the 100kg class. The 100kg class was won by World Championships silver and bronze medalists were decided on bodyweight. Kevin Hammerton from Great Britain took silver with a 905kg total which included a 375kg squat. Jeff Jacques, USA, had to settle for bronze. If the powerlifting world did not know the name Jacques, it now does. He is now the youngest person ever to have a world record in the memories of everyone who saw this remarkable young man put together a tremendous 960kg total to win first place for Great Britain. Few people would be aware that only a few months prior to this event Jamie suffered a horrific pec tear, blowing 281 lbs. a hap chest to be the current world record and is an indication of what this young man will be capable of when fully recovered.

Jamie Carney was Overall Best Lifter in the Middleweight classes and also Best Overall Lifter in the European Championships. Predict great things from this man in 1993.

When a young man so highly motivated to his chosen sport that he dedicates a full preparation for one event fails to succeed it leaves everyone feeling saddened. Mark Cullimore did not look for excuses for his failure in the 110kg class. He was simply philosophical and more determined about his future. The Ladies' 100kg class was won by the South African powerlifter, his 990kg total confirmed his world title. Eugene Van der Merwe, South Africa, came so close to establishing a new world record on the squat, but on this occasion he could not keep what would have been the biggest feat of the Championships. Lifting in the 90kg class, he lifted 280kg ahead of fellow South African Martin Van Biljon.

Scott Warman creates his own energy and atmosphere whenever he lifts; these Championships were no exception. Squat 435kg, bench 237.5kg, deadlift 367.5kg. Total 1040kg! 125 kg Champ!



Winners included Ernesto Milian and Jim 'Kadar' Capehart (Frantz)

Overall Best Lifter - Heavyweight classes. 1992, Ch. Ch. Capehart (Frantz). The 140kg class saw Great Britain's Peter Tregloan successfully defend his world title against world class competition. Kieron Kidder, USA, barely out of the junior ranks, and Phil Niemann, South Africa, both made impressive totals with some fine lifting but could not match the supremacy of Peter Tregloan. Tregloan's 980kg total came as a 375kg squat, 237.5kg bench and 565kg deadlift. It won't be long until Tregloan breaks the magic 1000kg barrier.

Steve Brodsky won the 140-kilogram class with a total of 977.5kg. James Voronin delighted the audience with some excellent squats. These big men never fail to entertain the crowds with their high quality lifts. James Voronin's 955kg total packed a punch with an easy 295kg squat in the deadlift. He then asked for a massive 422.5kg, which, had it been successful, would have been the greatest deadlift ever. He was able to move the weight off the floor but simply was not able to finish the lift. A further attempt with this weight was also unsuccessful.

Overall the Championships were a great success. The inspirational music played throughout the lifting not only helped the competitors but also made it more enjoyable for the spectators. A big thank you must be extended to the Platform Crew and throughout the Championships. Thank also to Bobber Calver, sponsors of the event, who supplied the Best Lifter Awards.



Champion of Champions was 275 lb. winner Scott Warman (Frantz)

Country	Weight	Squat	Bench	Deadlift	Total
USA	80	270	180	270	720
USA	82.5	270	180	270	720
USA	85	270	180	270	720
USA	87.5	270	180	270	720
USA	90	270	180	270	720
USA	92.5	270	180	270	720
USA	95	270	180	270	720
USA	97.5	270	180	270	720
USA	100	270	180	270	720
USA	102.5	270	180	270	720
USA	105	270	180	270	720
USA	107.5	270	180	270	720
USA	110	270	180	270	720
USA	112.5	270	180	270	720
USA	115	270	180	270	720
USA	117.5	270	180	270	720
USA	120	270	180	270	720
USA	122.5	270	180	270	720
USA	125	270	180	270	720
USA	127.5	270	180	270	720
USA	130	270	180	270	720
USA	132.5	270	180	270	720
USA	135	270	180	270	720
USA	137.5	270	180	270	720
USA	140	270	180	270	720
USA	142.5	270	180	270	720
USA	145	270	180	270	720
USA	147.5	270	180	270	720
USA	150	270	180	270	720
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USA	160	270	180	270	720
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USA	502.5	270	180	270	720
USA	505	270	180	270	720
USA	507.5	270	180	270	720
USA	510	270	180	270	720
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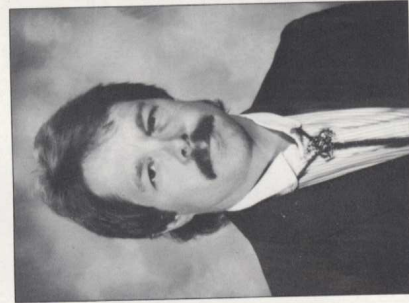
In what direction is the sport of powerlifting going? Will powerlifting ever be an Olympic sport? Will powerlifters receive national television coverage? Will the sport of powerlifting continue to grow or will it decline?

Many may have read the first section of *Powerlifting USA*, which included contests sanctioned by the following federations: ANPPC, CDFPA, NASA, APA, USPF, CSCC, MDSA, ADFPA, WDFP, ICPA, WNP, PAC, and the MSPA. The same "Coming Events" section included 29 national contests, which offered the following divisions: submaster, master, police and fire, armed forces, Special Olympics, teenage, collegiate, and, of course, men's and women's open divisions. How in the world is powerlifting ever going to be an Olympic sport if we cannot even organize ourselves? Powerlifting is obviously a mess, right? Wrong! My contention is that the sport or the activity of powerlifting is thriving and meeting what I see as its major objective, which is active participation. For the sake of argument, let us estimate there are 13,000 registered powerlifters. This would mean 0.01 percent of the powerlifting population would benefit from powerlifting being instituted as an Olympic sport. If there are 130,000 powerlifters, 0.001 percent would be able to participate in the Olympics. Will powerlifting ever be a spectator sport? Probably not. I have competed for sixteen years and I don't enjoy watching powerlifting that much.

Many share the same view. But, that's perfectly fine because powerlifting is a participation sport. It's all right to have 15 federations and 30 national meets. It's OK if powerlifting is not in the Olympics and not cause the major purpose of powerlifting is active participation.

Again, my main argument is to keep powerlifting in its proper perspective. For ten years of my life I was obsessed with powerlifting. I went to college to become a teacher because I thought it would allow me the time to train for national competitions. (Little did I know that teaching and coaching would be a 12 hour a day job!) Almost every waking moment was dominated by lifting or thinking about, planning or worrying about lifting. My entire self-worth was placed upon how well I did on my last set of squats, bench presses or deadlifts. I would teach school all day, coach until 7 o'clock and then lift until nine. I would see my wife for an hour and then start the routine all over again the next day. Looking back, I don't

## OPINION



**DOUG HORTON** in a recent photograph

know how she put up with it. I was always irritated and felt cheated because I didn't have the energy to train the way I needed to because of like Rocky in the first Rocky movie when he told Mickey that he never had a "prime." I never had a "prime." I felt cheated, thus I obsessed with TOP 100 rankings and setting personal records. For ten years I was almost completely tunnel-visioned. Finally, the day I turned 29, August 30, 1988, I had a life changing experience. My son, Douglas Jr., was born. My entire existence changed. I still had all of my teaching and coaching duties and daily responsibilities, but on top of this, I had to devote time to my son and powerlifting had to take the back seat.

Since my son's birth, I have trained during my school planning period or early in the morning with my son present. In fact, I usually only lift twice a week for a duration of 45 minutes for each session. I have chosen to only keep my deadlift at a competitive level. I have found out that there is a lot more to life than just powerlifting.

My lifestyle is much more active now. I lost my squatter's butt and thighs. For the first time since 1979, I was able to purchase a pair of Levi 501's that actually fit. I have taken up skiing, fly fishing, outdoor adventure activities and several other hobbies. I have also completed a

more than one intense mental and physical 8-12 week training cycle per year then you need to realize that you may be allowing powerlifting to dominate your life. Do not misinterpret what I am saying. I am not justifying being lazy in the gym, I believe in hard, intense, but short duration strength workouts a couple or times a week all year around as an incorporation of an active lifestyle. I do not believe that one has to be obsessed with the sport to enjoy it. Again, I even enjoy once every year or every two years to gear up for a major state level or national level competition.

A few meet directors keep the sport of powerlifting in its proper perspective. Dean Behling, a national champion in the early 1980's, puts on a small meet each year in Scottsbluff, Nebraska for the local lifters and the teenage newcomers to the sport. Each teenager always receives a trophy after his or her efforts. I have seen on several occasions Dean give up the trophy that he had won in the competition to a low placing teenager. Dean makes each lifter feel special regardless of ability. His meets are well organized, short in duration and a lot of fun.

Another meet director who absolutely places the lifter first and realizes powerlifting is a participation sport is Darwin Jacobson. He is the prime mover in the MDSA organization. The meets start when the lifters tell Darwin that they are warmed up. Every lifter who enters his meets gets a huge, sculptured trophy, unless they bomb or display poor sportsmanship. His meets run very smoothly and have a very friendly atmosphere.

I have heard lifters complain about buying cards for the different federations claiming that the meet directors are only in it for the money. Personally, I hope they are making a bunch of money, although I doubt they do in relation to the time and effort they put into putting on meets. Direct a meet just once and you will understand fully. The more federations, meets, national competitions and lifting opportunities that are provided the better. Powerlifting is a participation sport. It is not meant to be a sport for the elite to perform or for the masses to spectate at, but rather for the masses to become actively involved in.

The TOP 100 rankings or a grand national meet where the top lifters in each federation can compete against each other to determine who's the best can be used for those that are concerned about that type of thing. However, many, like myself, are not. We are enjoying ourselves and we are keeping powerlifting in its proper perspective.

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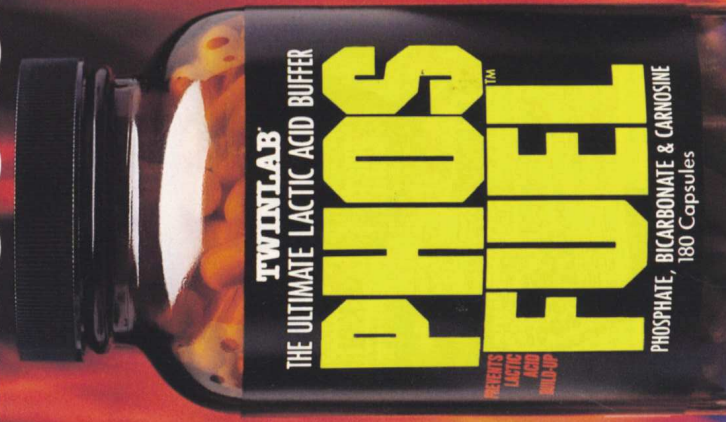
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As a former researcher in the Anabolic Research Laboratory at the Institute of Physical Culture, Leningrad, Soviet Union, I reviewed a variety of biologically active substances which are shown to improve physical performance. Some of these compounds such as Mumië, Eleutherooccus (Siberian Ginseng) and Retibol contain a number of natural plant steroids which are useful to the human body. However, the questions remains, "are plant based steroids useful in increasing protein synthesis" and if so, at what risk to the athlete. I'd like to elaborate on this important question because all athletes are now searching for anabolic steroid alternatives and they need to know the scientific facts before an effective choice can be made.

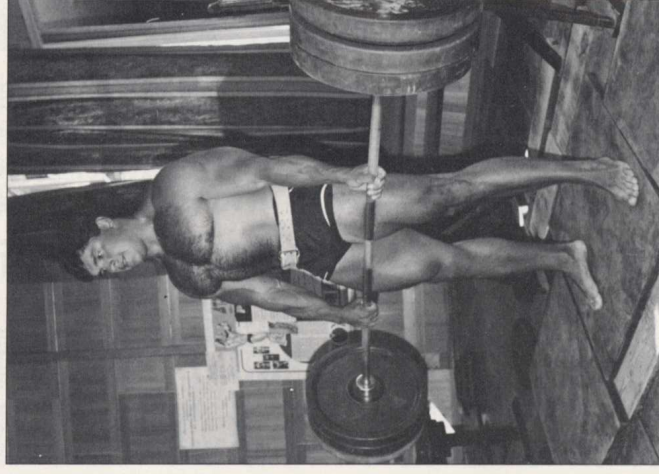
Historically, the importance of plant steroids in human nutrition has been overlooked. Early on, certain animal steroids were injected into plants to induce flowering. The results were not good. Unfortunately, these unsuccessful experiments were then used for a-priori conclusions that plant hormones were not effective in animals and humans. This idea was disproven initially by Okui and Ohaka in 1968, and since that time scientists have discovered a number of select plant steroids which are in fact bioactive in the human body. Today, it is well recognized that some unique plant steroids can act as a general anabolic in humans, and in combination with proper training and recovery means are highly beneficial to strength athletes.

Another myth about plant based oral supplements is that some pseudo-scientists believe that the steroid compounds are destroyed during the normal digestive process. This is also a false belief and one which has been disproven by countless experiments. We now know that many plants, and all animals, contain some amount of cholesterol, the starting point for many other steroids including testosterone. Cholesterol can clearly be obtained from our diet and there is no reason to believe that other steroids from plants and vegetables can't do the same.

Historically, at least in the USA, athletes have received poor results from plant based sport supplements such as ginseng, smilax and yohimbe. The reasons for this can be complex, but the major cause for poor results is that the products just didn't contain any useful plant steroids and other supportive compounds in the first place. While I cannot thank these supplements or their makers outright, I have the suspicion that many were prepared improperly, perhaps in error. Plant

## Can Plant Steroids Build STRENGTH?

as told to POWERLIFTING USA by Morris Silber M.D., Ph.D.



Russian Powerlifters like Michael Kulikov, twice champion at 100 kilograms, use plant based supplements like Retibol and Mumië because of their anabolic and restorative effects with no harmful androgenic action. (photograph supplied by Rick Brunner/Atletika)

based supplements are very fragile, and the amount of sterols in the whole plant may be quite small. For this reason, a bioactive extract must be made which contains the right amount. What do I mean by "bioactive"? In order to ensure that you have a sterol complex which is truly active and will have a beneficial effect, the manufacturing process must be carefully controlled.

In order to gather a good amount of a certain plant steroid, the first step is to choose the right plant and pick it at its peak of bioactivity. Many supplements use the wrong species of plant and/or pick it at the wrong time of its life cycle. In human terms, let's take our own natural anabolic hormone testosterone. It is not until our teen years that we begin to produce a significant amount of this growth promoting hormone. As we get older, the

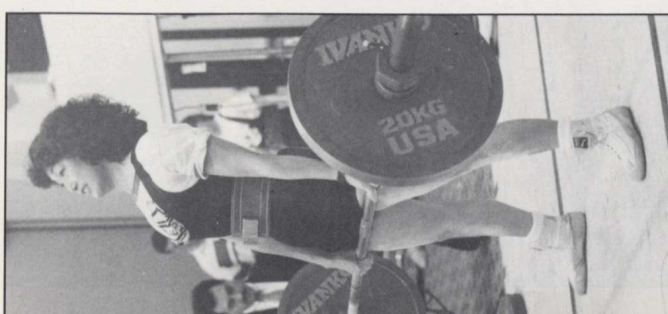
product may look the same as a good batch, but it will be biologically dead and useless to the athlete. Don't discount this problem, it is more common than not.

Even if we have by chance gotten this far and show a bioactive and steroid rich extract, we must still take enough of it at the right time in the training cycle to have a good result. Too often companies spike a supplement with a small amount just to have the name on the label, or they use the whole plant which doesn't contain enough of the steroid. When the athlete sees the plant listed, they assume that the product will be effective, when in fact it is either in too small a dosage or biologically dead. In the estimation of many herbalists and biochemists, myself included, some 80-90% of all plant extracts sold are either minimally bioactive or totally dead. The odds are not stacked in the athletes favor that they will receive anything but a placebo benefit from the plant based supplement.

Now that I've hit you with the bad news, I'd like to explore some products which are bioactive and do contain ample amounts of useful phytosteroids that can be used in the training cycles of athletes. These are Retibol, Mumië, and Eleutherooccus. Each of these supplements has been used by Russian and the American lifters with good result.

Tops on the list is the natural anabolic Retibol which, while fairly expensive, is considered the "anabolic supreme." Retibol was used extensively in the 1988 and 1992 Olympic Games by high level athletes and continues to grow in popularity among sportsmen in strength related events such as powerlifting, Olympic weightlifting, weight throws, and bodybuilding. Retibol is composed of a unique group of steroids and support factors that have general anabolic activity within muscle cells. It is often derived from the plants Rhaponticum carthamoides D.S. or Pfaffia paniculata. The mechanism of action is a general activation of the polyribosomal complex within the cytoplasm of the cell, thus stimulating the muscle cells own growth mechanism to work more efficiently. Unlike the 6 or 7 keto disgenin supplements which we found not effective as an anabolic but somewhat for endurance, Retibol is almost pure anabolic with additional restorative properties.

In countless studies on animals and humans in Japan and Russia, Retibol has been proven safe and effective. It has no androgenic activity (article continued on page 52)



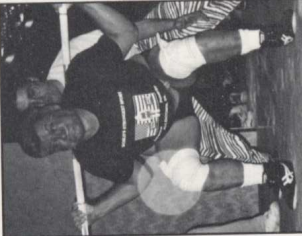
Stephanie Whiting in the 35-44 age group.

... class with a total of 235 kg. Second place went to John Herbin and his total of 552.5 kg. Total, the winners of the class was the total of 210 kg. In the 35-44 age group, a dual between Ed Davis and Robert Greenwood for the honor to represent the U.S.A. in 1993. When the day was over, Robert edged out Earl for the honor. The total for the class was 300 kg. Ed Davis had no one to push him in his quest to win the 110 kg class. At the end of the day, Fred R. Jones, in the 125 kg class, edged out the 305-54 lb. class. In the 125 kg class, Fred R. Jones, in the 125 kg class, edged out the 305-54 lb. class. In the 125 kg class, Fred R. Jones, in the 125 kg class, edged out the 305-54 lb. class.

... division with her 360 kg. total. This was Ellen's first National competition in over two years after suffering severe injuries in a serious car accident. It was great to see this fine lady back on the platform again. Barbara Kennedy, in the first national, placed second with a total of 552.5 kg. In the 110 kg class, a dual between Ed Davis and Robert Greenwood for the honor to represent the U.S.A. in 1993. When the day was over, Robert edged out Earl for the honor. The total for the class was 300 kg. Ed Davis had no one to push him in his quest to win the 110 kg class. At the end of the day, Fred R. Jones, in the 125 kg class, edged out the 305-54 lb. class. In the 125 kg class, Fred R. Jones, in the 125 kg class, edged out the 305-54 lb. class.

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63 Year old George Manley (Pyrat)

Table with 2 columns: Name and Weight. Lists names like W. Peters, W. Peters, W. Peters, etc., with corresponding weights in kg and lbs.

ADFLA National Masters as told to PL USA by Meet Director John Petroff

Large table with 4 columns: Name, SQ, BP, DL, Total. Lists names of competitors and their performance statistics across various weight classes.

... get no disagreement in stating that his performance was excellent. Winning the Best Lifter award in the session on Saturday was Sherman Johnson. The Best Lifter on Sunday was Walter Thomas. Placing third in the team competition was Van-Gym. Second place, the team coached by Steve Genth. Second place, the team coached by Steve Genth. Second place, the team coached by Steve Genth.

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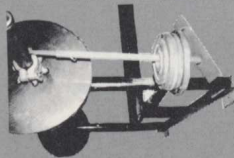
ADFLA National Masters as told to PL USA by Meet Director John Petroff

Large table with 4 columns: Name, SQ, BP, DL, Total. Lists names of competitors and their performance statistics across various weight classes.

Mike Mooney... 42 year old competitor in the 90 kilo class (Pyrat photo)



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Diagram 1



Diagram 2

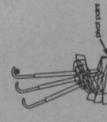


Diagram 3

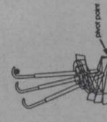


Diagram 4

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In the last decade or so, the amount of different types of weight training equipment to come to the marketplace has been mind boggling. In the 70's, Arthur Jones came out with his Nautilus line of weight equipment and the weight machine business has never been the same. Some companies developed machines that use water-flo pressure for resistance; others use air. Still others worked around the traditional weight stack, but with unique differences in machine operation. All this competition has given the buyer many choices. The unfortunate thing about all these machines is they cost an arm and a leg and you need hundreds of square feet to carry enough equipment to get a complete body workout.

While these machines have their place in many people's training, for the powerlifter, they are not as desirable. Ordinary barbell and dumbbell exercises produced many men and women of great strength like Paul Anderson, Pat Casey, Jon Cole, Don Reithoudt, and Jan Todd. These lifters didn't utilize such high-tech machinery, but flourished and are legends in our sport. So, when we look to equip a home power gym, we should look to them as examples of what's needed for success.

Let's start by listing the bare-bones requirements for a productive and efficient home power gym.

- 1) 400-1000 pounds of plates
- 2) competition bench
- 3) power bar and collars
- 4) adjustable squat rack
- 5) non-slip lifting platform

You'll need at least 400 pounds of weights to allow you to load the bar for heavy squats and deadlifts. If you aren't capable of using 400 pounds in any lift at the present time, you will eventually need to have that much around before you know it. You should get at least one pair of 100 pound plates. Many meets use 100's on lifts over 250 pounds, so you should accustom yourself to their use, especially for mental purposes. 100 pound plates can be scary to novice lifters who are used to training with 45's as their heaviest plates. If you have stronger lifters that are going to lift with you, get up to 3 pairs of 100's. Get at least 2 pairs of 45's, one pair of 35's and 25's, 3 pairs of 10's and 5's and one pair of 2 1/2's. This should suffice unless you have Ed Coan over for a workout. If you want to use these plates for dumbbells, purchase olympic or power style dumbbells and collars.

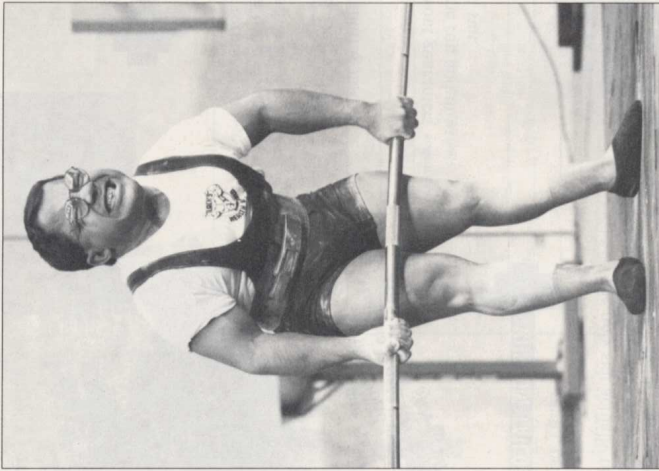
A sturdy regulation flat bench is next. Purchase one of high quality. Some are adjustable for rack height to fit lifters of different sizes.

A power bar is the cornerstone

# STARTIN' OUT

A special section dedicated to the beginning lifter

## HOME POWER GYM as told to POWERLIFTING USA by Doug Daniels



Basic Exercises can develop incredible strength, like that of Phil Hille

of your home gym. Since all three lifts use it, buy the best one you can afford. Don't buy an olympic bar as they have more spring and have different leath than a regulation power bar. Also purchase a set of high quality collars that lock tight and loosen easily. These are critical for safety. Also available are quick on and off collars that can be useful for light lifts. For heavy lifts, especially squats, use regular collars.

Next are adjustable squat stands. Again, sturdy is the key word. They should be well supported and hard to tip. Purchase squat stands that are height adjustable. Many feature a car jack mechanism that allows easy height adjustment, up and

safety. Experiment until you find the right surface.

Now that we have our basics covered, we can look at some luxuries. A power rack is first. A power rack can enable a lifter to perform heavy squats in safety. Heavy pull-down movements such as deadlift lock-outs can now be done, again in safety. A chinning bar can be attached to the rack also. Make sure the rack is secure by fastening it to the floor or wall.

A deadlift bar is a luxury for sure, but since not all meets use a deadlift bar, there may not be an advantage to owning one. If you do own a deadlift bar and one will be used in an upcoming meet, by all means, train with one.

Some racks to stack weights on are highly desirable for safety and to keep everything in order around your gym. Little things like a clock, chalk, baby powder, rags, etc., come in handy and should be included.

We can't forget good lifting conditions. If your gym is located in a heated garage, no problem. But if your garage is not heated, consider purchasing a torpeda heater or something similar. Think safety again and get proper ventilation and always have a fire extinguisher handy and in working order if you use a heating source like a torpeda heater. For cooling purposes, a fan or air conditioner would be desirable, and, again, ventilation is important. The best equipment in the world can't make up for a bad gym environment.

It will be your responsibility to insure that your equipment is safe and in good working condition at all times. Keep your gym clean and uncluttered. Lifting itself can cause injuries, let alone falling over a misplaced barbell plate.

If you examine the success of the powerlifters I talked about earlier, you may not go much further in equipping your home gym than my suggestions here. Generally, too many types of equipment make it easier to overtrain. If you stick to the basics, your progress will be more consistent and long lasting. If you can go in together with a few friends, you can equip your home gym for about the same price a year at a health club can cost, without having to wait for that skinny guy using the squat rack to rest his 55 pound barbell in between his sets of cheat curls. You can find ads for quality equipment in this magazine. If you are not looking to start a home gym, make sure the gym you are joining can fulfill the minimum requirements. Success in powerlifting does not require air or hydro-pressurized, high-tech equipment. Basic power movements revolving around a power bar are your best bets.

# WORKOUT of the Month

## Steve Preston Bench Press Routine



Steve Preston has benched 480 lbs. in the 181 class. His routine is based on a lifter capable of 400 lbs., however, if you have a different maximum lift, simply increase or decrease the designated weights in direct proportion to the difference between your lift and 400 lbs.

width grip. Always pause each repetition on these (bring bar lower chest for lower pectoral development); wide-grip bench press - use competition grip (always pause each repetition); reverse grip/bench press - use same hand spacing as in competition grip; close-grip/bench press - use same hand spacing as in competition grip; shoulder-width pushdowns - keep elbows in.

Reps on assistance work are the same as in the bench press. Special thanks to Dan Miodozeniec, Ed Coan and Chris Confessore for all the help over the years. I can be reached at: (716) 662-9469 or Steve Preston, 199 Bridle Path, Orchard Park, NY 14127.

These exercises are all done on the same day, once per week. At the beginning of your training cycle, you might hit shoulders later in the week. About 4 weeks away from the contest, you only need to do close-grip benches for assistance. Yes, that's all. If you are pushing with all you have, that is plenty.

- Week One:** Warm up each session, then - Bench - 315x5x2; assistance - 2 sets of each exercise.
- Week Two:** Bench - 320x5x2; assistance - 2 sets of each exercise.
- Week Three:** Bench - 325x5x2; assistance - 2 sets of each exercise.
- Week Four:** Bench - 330x5x2; assistance - 2 sets of each exercise.
- Week Five:** Bench - 340x5x2; assistance - 2 sets of each exercise.
- Week Six:** Bench - 350x5x2; assistance - 2 sets of each exercise.
- Week Seven:** Bench - 365x3.
- Week Eight:** Bench - 375x3.
- Week Nine:** Bench - 390x2.
- Week Ten:** Bench - 400x2.
- Week Eleven:** Bench - 350x3.
- Week Twelve:** Contest: 380, 410, 425.

The bench press is the lift that certainly draws the most attention from the majority of people. Bench press training is much more pleasant than a grueling squat or deadlift workout, for most. That is why the average weight trainer has every excuse in the book for why they cannot squat (or work legs at all) or deadlift. I have had much success at the bench press, although my energies have been equal for each powerlift. The reason I have had this success is from optimal training theories and routines. Before I outline my routine, I'd like to stress a few points about training for the bench press: 1. Although you may feel energetic, you should not train the bench press more than one time per week. 2. If you want to increase size and strength, you should train sets of 15 repetitions for the majority of your training cycle. 3. Bodybuilding exercises (flies, pec-deck, etc.) should be left for bodybuilding. I believe in working different grips while benching to achieve full pectoral, deltoid and tricep development.

With these points in mind, here is a suggested routine for maximum size and strength, based on a current maximum of 400 pounds.

Exercises: Bench Press - competition grip; close-grip/bench press - these are done with a shoulder

I read with interest, the comments made by Dan Wagman in the November 1992 issue of *PL USA*. My interest was perhaps greater than usual, because Dan is brighter and more insightful than the average person or powerlifter. We have communicated in the past, and I have found him to be very aware and concerned about the sport and for those who don't impress with things like intelligence and thoughtfulness, he is also a heck of a lifter.

In 1983, the ADFPA had been formed and functional for a short time, but the USPF, having descended from the now-defunct Amateur Athletic Union (AAU) was the representative organization for United States powerlifters. Being supported by the vast majority of lifters, running many meets on the local and national level, and having representatives from each state, association, and region insured that the grass roots lifter felt that he or she had some means of getting the attention of the organization. In 1983, I was one of the Athlete's Representatives to the USPF. It was at this time that the debate about drug testing reached its crescendo.

My personal beliefs were that testing should be done, especially at the national and international level. However, I was mandated to represent the athletes of the USPF, and not myself. When my turn came to speak, I clearly stated that my personal beliefs were not germane, and that I had taken the time and effort to speak with many, many lifters before traveling to the national meeting. The overwhelming majority of lifters did not wish to use anabolic drugs, but believed that they should be placed at a competitive disadvantage if they did not take them. Thus, I did not support testing measures as the majority of those I felt I represented expressed this position. At that time, testing was defeated.

As a member of the Executive Board, of the American Powerlifting Federation, it might surprise many that I still believe that the sport of powerlifting should institute fair, accurate, and widespread testing measures. The potential health-damaging effects of anabolic drugs is such that I feel that they should not be used by athletes. However, I also believe that fair, accurate, and widespread testing is not, at this time, possible. When admitted drug users, well known in the community, can take two vials and pass a polygraph examination regarding testing, when masking agents can be used by admitted anabolic steroid users which allows them to test negative for drugs they have taken up to three weeks prior

rected towards any other organization. Al Siegel and the ADFPA have worked hard to keep drugs out of powerlifting and the USPF testing policies are perhaps a step in the correct direction. Unlike many, the division in the sport may have started over the drug issue, but it has been perpetuated by much more than that.

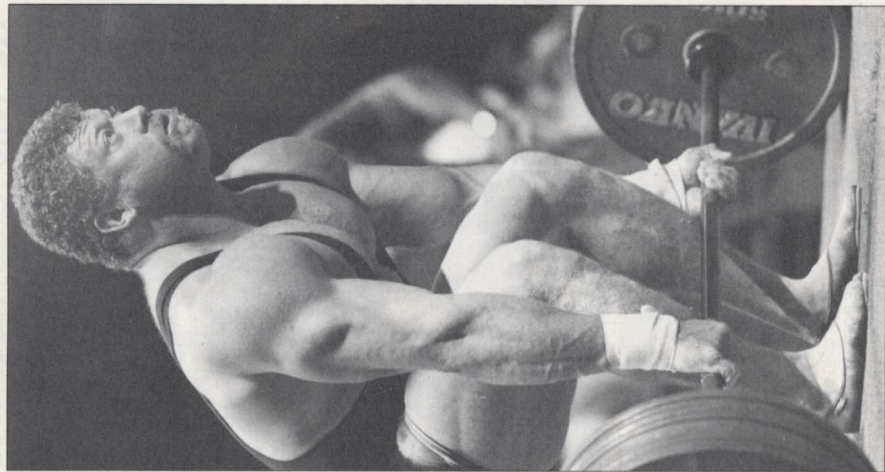
With so many "chiefs" and so many "Indians" who would like to be Chief some day, with so many egos to feed, so many who just can't accept the fact that they may not be "right" with so many lifters and ex-lifters in the sport only for the opportunity to milk it for the money they can extract from it's participants, it will take a heck of a lot of work to get things back together and end the factionalism of powerlifting. We have things like the "Ed Coan Affair". Obviously, I believe that if rules are broken, especially rules that are pretty obvious, then sanctions should be leveled. However, when the national rules do not clearly and unequivocally spell out the consequences, room is left for interpretation of the rules. If this is compounded by perceived pressure from other organizations which might cause lifter defections and a lack of direction from the international organization, you will have similar situations. Like the example I gave before, my personal opinion was not being expressed in discussing the Ed Coan incident. I will always defend one's rights relative to the rules, and in this case, the rules were not as clear cut as they needed to be.

The results of having myriad lifting organizations is a top notch lifter being told that when drug testing occurs he "will pass" because his urine will not be tested. The result is a promise made to a lifter by another organization that his usual "borderline" squatting style will be passed by the judges at that organization's national meet "and don't worry about it."

I worry about it. I worry about powerlifting. I agree with Dan Wagman that in ten years we have gone no where, except perhaps backwards, with everyone trying to protect what they see as their share of the pie.

Without being contradictory, we need strong leaders whose egos don't need massaging or assuaging. Leaders who understand that they themselves might have to be sacrificed (i.e., be without official office) in order to bring about the unification of our sport. We need leaders who understand that the greater good cannot serve everyone, but should serve the majority and at least be workable for almost everyone. It's time!

# More From Ken Leistner



Jim Bornhop made the athlete's choice to compete at the APF Six.

to the date of competition, and when entry fees for a meet can run to \$75.00 in order to allow testing at the local level, I cannot in good conscience support testing as it now exists. I can encourage drug free national and potentially lucrative training and competition, and provide factual information about the potential risks that the drugs carry in the APF that use anabolic drugs, for some, but that is all I can do.

I chose the APF as the organization within which I would work to run meets, give my time and energy, and introduce others to our sport, because many of the individuals cared enough to do the same and do it not for self aggrandizement, not for business purposes, not for the opportunity to hold the national and potentially lucrative meets, and not to "beat" drug testing. I am sure there are many lifters in the APF that use anabolic drugs, but that is all I can do.

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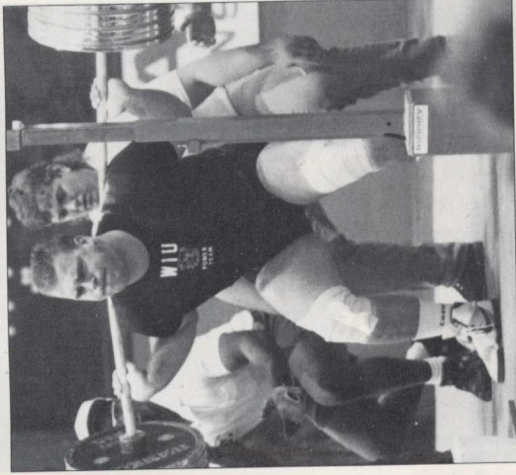
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 Leo Wysocki - 1991 A.P.F. Masters' World Champion 242 lb. class

# POWER-RESEARCH

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## "He Who Uses Negatives Will Positively Fail", Part III by Judd Biasiotto Ph.D. and Army Ferrando Ph.D.



Positive Thinking helps a lift by John Binkowski at the ADFFA Mens

A number of years ago, a friend of mine named Maxwell Maltz wrote a book entitled *Psycho-Cybernetics*. Within a very short time, the book became a best seller. Perhaps you've read it. If not, you should. It's one of the most fascinating books you'll ever read. In fact, it may be the most significant book you'll ever read.

Besides being an outstanding writer, Maltz is also a nationally renowned plastic surgeon. During his years as a surgeon, Maltz observed that individuals who had a genuine congenital defect, or who suffered from an actual facial disfigurement as a result of an accident, generally had a very low self-esteem. They were introverted, antisocial, and extremely insecure. In fact, many of the individuals whom Maltz treated refused to leave their homes during the day; when they did go out, they took great pains to hide their disfigurements.

Actually, such behavior is easily understood. There is a principle in psychology called "Cooley's Looking Glass," which simply states that we tend to make judgments about ourselves by observing the reactions that others have toward us. For example, when most people come in contact with an individual who is terribly disfigured, their initial reaction is to turn away and/or try to avoid the individuals with the deformity. The individual with the deformity is thus taught that he is not acceptable. As Maltz observed, this feeling of non-acceptance is easily generalized to other psychological feelings, such as worthlessness and inferiority. Maltz reasoned that since his subjects' deformities caused their poor self-image, by correcting their deformities with plastic surgery, he would also correct their self-images.

It was a good guess, but not a gold star. Although Maltz transformed his subjects from "ugly ducklings" into physically attractive individuals, they still perceived themselves as being ugly. Maltz eventually realized that, not only did he have to correct his subjects' disfigurements with plastic surgery, he also had to correct the way they thought about themselves. In other words, Maltz not only had to change his subjects' physical appearance, he also had to change the data constructs that had been programmed into their minds during the years that they had been disfig-

suggestion. Angelo Dundee, the manager of many boxing greats, was certainly aware of this concept. If someone made the grave mistake of saying the word "tired" in his fighter's corner, Angelo would kick that person's butt across the ring. He knew that the word "tired" could evoke the physiological feeling of fatigue.

Interestingly, researchers at Marquette University have used this exact concept to help individuals overcome insomnia. The researchers simply had the subjects visualize that they were exhausted from doing heavy labor. Amazingly, just about all of the subjects in the study were capable of putting themselves to sleep by visualizing themselves as tired. Again, we see an example of the mind-body connection.

Along these same lines is what I call "positive-negatives". A positive-negative is a statement that sounds like it's positive, but in reality is negative. For instance, suppose you were playing tennis and your opponent said to you, "Don't hit the ball into the net." The statement certainly sounds positive enough, but what image did you see in your mind's eye? If you're nervous, you probably see yourself hitting the ball into the net. Worse yet, because of the way the mind influences the body, there's a good

chance you'll hit the ball into the net. Other examples of statements that have positive-negatives are "don't fumble," "don't fall," "don't miss the ball", and the best goes on.

When I was a little boy, my mother would pull that positive-negative stuff on me all the time. She would give me a big glass of milk and then say, "Watch out now; don't spill your milk." Inevitably, I

would take two or three sips and spill the damn thing all over myself. At the time, I thought I was some type of motor moron. Now I realize that Mother was just a bad coach!

Of course, when I got a little older and wiser, I started using the old positive-negative to my advantage. When I was in competition, I would make my lift and then immediately walk over to my opponent

and say, "I'm pulling for you, so don't miss this lift." As I walked away, I could hear him say, "Gee, what a great guy." RIGHT!

The point is that words can be dangerous if you don't know how to use them. In fact, there is considerable research which indicates that negative or self-defeating talk can produce a decrement in performance, and now you know why.

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### THE POWER OF WORDS

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The first thing you need to realize is that words have no meaning in

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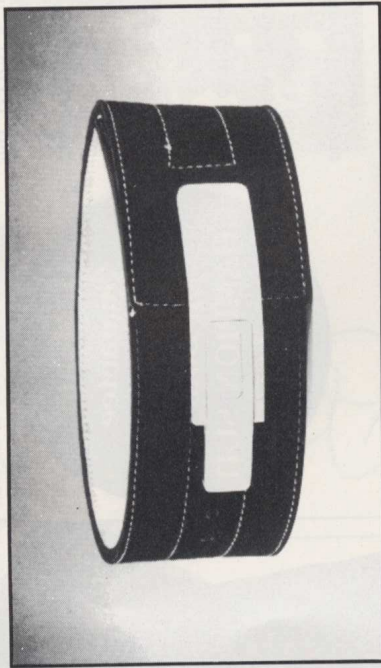
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## Ask the Doctor

This column will answer questions about drugs used by athletes and detection techniques for these drugs. Because of the demand, I will occasionally answer questions concerning health and training problems which do not directly relate to drug use and detection. If you wish a personal response to your question send \$15 to cover office and secretarial expenses. Please, no questions about how and when to use anabolic steroids. Send questions to: Mauro Di Pasquale MD, 23 Main St., Warkworth, Ontario, Canada K0K 3K0 (For reasons of brevity or clarity, some letters may be edited, however, every effort is made to retain the spirit of the original question.)

**DEAR MAURO:** My main goal is to find a safe GH releasing agent, and a safe anticatabolism agent. I believe these two agents acting together will be very beneficial for muscle hypertrophy. I have your Beyond Anabolic Steroids, but have some specific questions outlined below.

1) If I reduce cortisol levels, will I be decreasing catabolism? Are there drugs available for decreasing cortisol? What are they, and are they "safe"? Do you know of any drugs that will decrease catabolism? Are they safe at required dosages?

2) I recently took a supplement called vanadyl sulfate, recommended by Dan Duchaine. At a dosage of 2mg 3 times a day (1/3 the recommended dose), I developed anxiety (feelings of uneasiness, not fully aware of my surroundings etc.). What do you know about vanadyl sulfate? Is Dan Duchaine reputable, trustworthy? Could I just be hypersensitive to vanadyl? It seems a shame to stop using it because it really did work (increased and longer pump, quick hypertrophy, increased mental concentration, awareness), is there anything else similar I could try in its place, or maybe decrease the dose even further?


3) Could testosterone be used for bodybuilding? Testic, according to the Physician's Desk Reference is devoid of almost all of the side effects of other anabolics (Anavar, Winstrol). Does it have any anticatabolism effects? Tamoxifen seems to be relatively safe, but how effective is it at increasing G.H.?

4) Is there any scientific basis to claim that arginine, ornithine, or GABA given orally, produce G.H. releasing effects? If so when should they be taken, and at what dosage? Are they "safe" at these dosages?

5) Have you heard of a new product on the market called Met RX? It is distributed by Bill Phillips, the author of Anabolic Reference Guide, and his new magazine Muscle Media 2000. Phillips claims a wonder doctor (Dr. Scott Connolly) has developed an engineered food powder from milk protein species that prevents muscle catabolism. I am leery since Dr. Connolly never seems to make any claims, it is always "testimonials" from "satisfied users" that make the claims of muscle hypertrophy, fat loss. What do you, know of this "world reknown" Harvard graduate? Is it possible to make a super product from milk protein like they claim? What is better - milk or egg protein? What is whey protein? Are amino formulations just a waste of money? Mark

**DEAR MARK:** I think that your quest to find a safe GH releasing agent and anticatabolic agent is admirable. Even more so if your goals can be accomplished through the use of natural supplements rather than drugs. Along with this approach you could also maximize your lifestyle, diet, exercise and supplements to provide a natural anabolic effect by increasing your endogenous testosterone levels and maxi-

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Edited by Mauro G. Di Pasquale, B.Sc., M.D.

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miting the anabolic effects of insulin.

I must admit that while I've covered some of your concerns in the past two issues of my new newsletter DRUGS in SPORTS, I'm still in the process on researching most of your questions for future issues of my newsletter. To some extent reducing cortisol levels will decrease the catabolic process. However, certain levels of cortisol are necessary for proper functioning (for coping with stress and for controlling inflammation for example) so that decreasing the level excessively can be counterproductive.

I'm now actively researching drugs and methods to decrease both cortisol secretion and effects - to be reported in an upcoming issue of DRUGS in SPORTS. At first glance, it appears that some drugs, such as trilostane, mitotane, aminoglutethimide (which is also an aromatase inhibitor more potent than testosterone), metyrapone, mesterolone (such as Nubain, Stadol and Talwin), besides lowering serum cortisol levels, also lower testosterone levels and may inhibit testicular function. If this turns out to be the case (and if there is no effective way to negate this effect) after I've gone over the literature and corresponded with athletes who are using them, then they would ultimately be counterproductive. I expect to have some intelligible information on this soon.

(article continued on page 56)

# INTERVIEW

## MICHAEL HAYES

as interviewed for POWERLIFTING USA by BOB GAYNOR

**BOB:** Give us some personal information on yourself?

**MIKE:** My name is Mike Hayes and I live at 5811 Liberty Bell, San Antonio, Texas. I am 26 years old and I work for Diamond Shamrock as a sales rep.

**BOB:** How did you get started?

**MIKE:** I was always in athletics, but never considered myself a powerlifter until I did some basic routines and just went from there.

**BOB:** How long have you been training and competing?

**MIKE:** I have been training for approximately 10 years and competing less than one year.

**BOB:** What are your best lifts?

**MIKE:** My best lifts are: 760 Squat, 617 Bench, and 940 Deadlift (All ADFFPA). Titles that I hold are: ADFFPA Longhorn Open Champion, USPF National Bench Press Champion, and ADFFPA National Bench Press Champion. I also hold the Texas State Bench Press record of 606 lbs and total record 1,906 lbs. All are in the superheavyweight division.

**BOB:** What are your future goals?

**MIKE:** I would like to be the national record holder in both the squat and bench.

**BOB:** What about steroid use?

**MIKE:** I think the ADFFPA does a good job testing as far as steroid use. Let people do what they want, but I don't want to compete against them.

**BOB:** Do you follow a special diet?

**MIKE:** Being a superheavyweight I eat what I see. On supplements, I believe the body can become immune to certain supplements

so I just take supplements in the morning before I lift.

**BOB:** Would you give us a breakdown of your training program?

**MIKE:** During in-season training, I concentrate on one bodypart at a time. Say I am going to bench press, I just concentrate on bench press. If it is the squat, I just concentrate on that. Off-season I follow what Ed Coan does as far as power body building movements with as much weight as possible for 5 to 8 reps.

**BOB:** What advice would you give for beginners?

**MIKE:** I think a beginner should start light with a lot of reps to strengthen ligaments and tendons. Find someone who can help them so they don't get injured.

**BOB:** Who are your heroes?

**MIKE:** My hero has to be Mike Hall. He is the strongest drug free super heavy weight ever. I don't think his total record of 2331 lbs. will ever be touched. I think that is why people like myself have to go for his individual records as far as his 630 bench, etc.

**BOB:** Do you have any other interests?

**MIKE:** I collect baseball cards. That's about it.

**BOB:** Are there any other comments you would like to make?

**MIKE:** I would like to thank Bob Gaynor for this opportunity to speak and give thanks to Waiter's Gym and all the people there for putting up with me and helping me train. Thanks to everyone who supports me in my lifting.

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# VIDEO REVIEW

"The Strongest Man in Recorded History" as reviewed for POWERLIFTING USA by Marty Gallagher



Need A Lift? Paul Anderson is there! (Coleman)

Larry Coleman has produced, directed and produced a 90 minute video documentary on the life of Paul Anderson that deserves to be a part of every powerlifter's strength library. In this video, Coleman sets out to prove his contention that Paul Anderson was (and is) the "strongest person" in recorded history. Through the use of still photos, first hand reminiscences, old film footage and an informative narrative, Coleman presents a convincing argument. Regardless of whether or not the viewer agrees with the claim, "The Strongest Man in Recorded History" is a terrifically entertaining biography on the most charismatic strength athlete of this century.

Coleman uses a fairly standard and straightforward approach to trace Paul Anderson's life and times. The highs and the lows, the triumphs and tragedies are all related in a straight ahead manner. Anderson's strength odyssey reads like good fiction. From humble rural roots in Toccoa, Georgia, Coleman follows Paul through his meteoric rise as an Olympic gold medalist, onward to his traveling strongman phase and culminating in tragedy; Paul becoming a disease ridden, wheelchair bound, emaciated shell of a mighty body - betrayed him at a relatively young age.

No Hollywood script writer bent on creating a strength folk hero could have devised a more outrageous, fascinating, otherworldly character than the mighty Anderson. The film footage, particularly of Paul during his breakout years, is incredible. The sequences of Anderson in normal clothes walking amongst normal folks are priceless. Paul, about 300 to 330 pounds at this juncture, had an inherent gracefulness, a bit of a swagger and surprisingly good looks for a man of his girth. Walking amongst civilians he looked like a gorilla at a chimpanzee convention.

I have always felt that it was a cosmic coincidence that both Paul

Anderson and Elvis Presley emerged during the mid-Fifties. Both roared out their chosen fields. Both men shattered all of the previously held preconceptions. Both were products of the rural traditions of the South and both changed forever the worlds they inhabited. Paul had the same curly black hair and sideburns as the King and like Elvis possessed an incredible charisma. Looking at young Anderson strutting around the Chattanooga picnic and strength show held in 1955, I found myself sitting on the edge of my chair, mesmerized at the sight of the side-burned, 24 year old Anderson in street clothes cutting through the crowd like a shark in a mullet aquarium. This guy would turn heads in 1992. The impact in 1955 must have been unbelievable. Watching these film clips still inspires an incredible sense of awe almost forty years later.

The lifting footage is invaluable. A written description no matter how erudite cannot convey the power and majesty of Paul Anderson tossing around a barbells. His olympic lifting was a visual treat. Technically, his style (or lack of) was an abomination. His cleans were vicious yanks that were pulled so high the bar crashed down on his clavicles after dropping a full foot. Paul's presses were military and totally lacking any technical tricks.

His stashes were pulled to head height and flipped into knee. Jerk technique was a quick knee dip and a press-out. If a lifter exhibited this level of technical expertise any competent coach would insist he forget about lifting altogether. To see world records handled with this abysmal technique would be akin to a young pianist winning the annual Moscow Handel music competition while playing the piano with his elbows.

The powerlifting footage is not nearly as complete and extensive as one would wish. In one frustrating sequence we see a mature Anderson unrack and destroy what appears to be 90% squat. The frustrating aspect of this fabulous display of squatting prowess is that the film footage is shot from a crowd and Paul's depth is totally obscured. There is one short sequence of Paul deadlifting and none of him bench pressing.

"The Strongest Man in Recorded History" effortlessly moves from one phase of Paul's life into the next. Paul Anderson's life can be divided into four distinct segments: his early beginnings in backwoods Georgia, his amateur lifting career, his professional lifting career and his life after retiring from lifting which coincided with the onset of injury, disease and debilitation. Clearly, although personally I would have preferred some film clips and attention to his training methods.

Coleman spends time examining Paul's strong faith in God. Paul was one of the founders of the Fellowship of Christian Athletes and spoke to thousands of people spreading the connection between spiritual strength and physical strength. Paul established a youth home for troubled children in Georgia and lost his amateur standing in the Amateur Athletic Union as a result of his money raising endeavors for the home. Paul's wife, Dot Anderson, gave some insight into Anderson's approach to discipline at the youth home, "Paul was a father figure, not a buddy figure to these boys."

In 1980 Paul Anderson began a rapid and unexpected physical collapse. How cruel the irony, the man who skyrocketed to fame through feats of the body, betrayed by the same body at such a relatively young age. In addition to the ticking time bomb of Bright's disease (a kidney related ailment that lay dormant in him since childhood and eventually forced him to undergo a transplant), Anderson broke a hip, caught pneumonia and suffered a ruptured colon - all within a few years. To see the once mighty Anderson wheel chair bound, emaciated, gray and feeble - gives a person pause. One

is put in mind of Icarus, the mythical Greek figure who flew to close to the sun and crashed when his wings of wax melted. One is thankful that Anderson, who had soared to such lofty heights as an athlete only to become so hideously ravaged, has such a strong spiritual faith. Only an unwavering faith in God and the hereafter could comfort a man under these circumstances.

Coleman's contention that Anderson is the strongest man of all time is the subject of serious and heated debate within the iron community. How is "the strongest man" defined? How is a winner of this mythical title arrived at? What criterion is used? How many lifts? Which

bodyweights, done years apart?

How many lifts? Which bodyweights, done years apart?

Under what circumstances? How is one to compare Hermann Goerner at 198 pounds, lifting a 595 pound beer barrel by the rim and placing it on a 3-foot table to Louis Cyr at 300 pounds pushing a 132 pound dumbbell 36 times? Or how can one compare Anderson back lifting over 6000 pounds while weighing 370 to Arthur Saxon, weighing a mere 200, one-arm bent pressing 370 pounds? How does Ed Coan deadlifting 900 at 220 pounds compare to Kaz pressing a pair of 160 pound dumbbells for reps weighing over 300? How does one compare among different lifts, at different bodyweights, done years apart?

This tape would make a terrific gift for the strength aficionado.

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# THE STRONGEST MAN In Recorded History

A New Videotape Documentary on the incredible life and achievements of PAUL ANDERSON, who skyrocketed to the highest levels of strength athletics, leaving a mark so indelible that he remains a legend of lifting until this day

After only three years of competitive lifting, Paul Anderson had become a national hero and world renowned as "THE STRONGEST MAN ON EARTH". In 1956 he traveled to London to compete for the title of the "Strongest Man in the World" in the Olympic Games; he was the last American to hold the title. In June of 1957 he lifted 6,270 pounds in a backlift; a feat most believe will never be equaled. Many experts have described this performance as the strongest man who has ever lived. On February 29, 1992, Paul Anderson was inducted into the Hall of Fame and Strength Symposium. Paul Anderson was recognized as THE STRONGEST MAN OF THE CENTURY.

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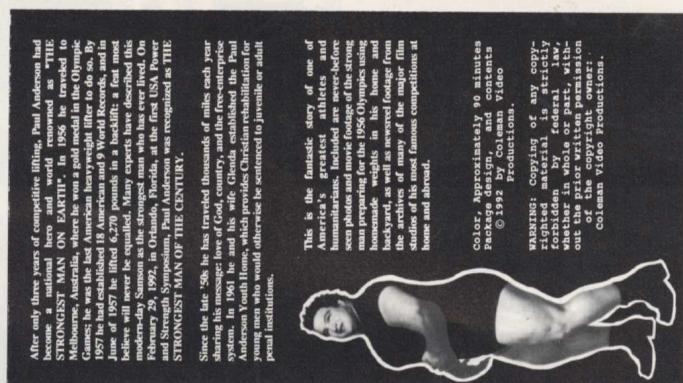
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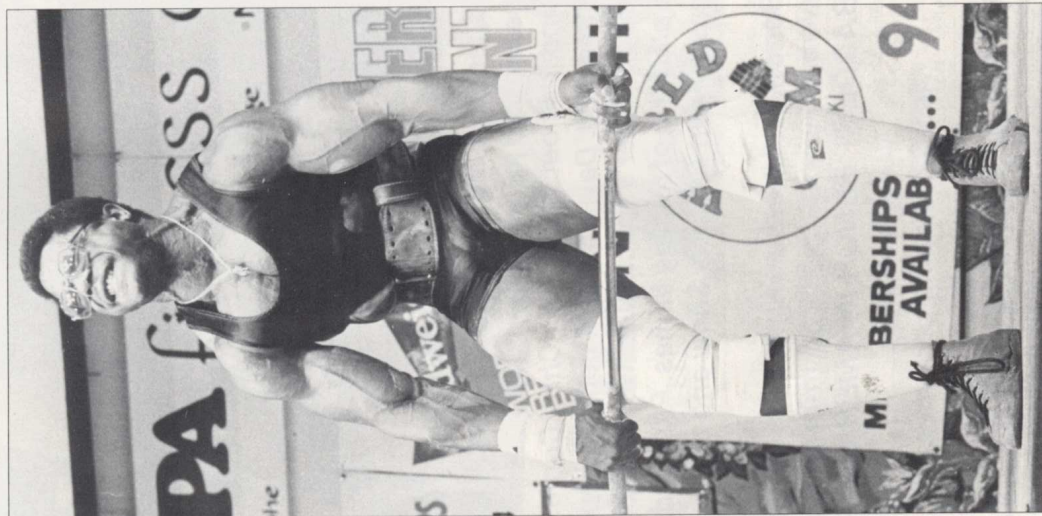
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# TRAINING

## PYRAMID TRAINING

as told to POWERLIFTING USA by Greg Reshel



Bill Busby pulling for all he's worth at the 1986 Hawaii Record Breakers.

On the surface it would seem that there are numerous training philosophies and that these differing points of view seem to contradict each other. In the coming months I will make every attempt to point out some of the fundamentally different approaches to training. I would also like to try to express how these approaches are similar and how they differ. The most important point of the series of articles that I will write on this subject is my attempt to clarify when to use each of these approaches to training and when to avoid them so that each lifter will have the opportunity to organize their training in a productive fashion. Seemingly different training philosophies reflect the widely varying circumstances surrounding strength training and athletics. Each of the styles of training, with a few exceptions, are appropriate for a certain set of conditions. We at Power Excel judge training patterns on their ability to produce results. A successful athlete trains in a manner that suits their circumstances and their genetic gifts.

Our first discussion will focus on "pyramid training". Pyramid training takes several forms but maybe best described by performing multiple sets of an exercise and following a pattern of repetitions similar to: 10, 8, 6, 4, 2, 1, 2, 4, 6, 8, 10. You would not normally superset or giant set the exercise but would increase the weight used as the repetitions decreased and slowly decrease the weight as the repetitions increased again. For example, a 500 lb. benchers might follow this routine: 135 lbs. x 10 reps, 225 lbs. x 8 reps, 315 x 6 reps, 405 x 4, 465 x 4, 485 x 1, 475 x 2, 435 x 4, 395 x 4, 365 x 8, 325 x 10.

As described this workout outlines a warmup that somewhat pre-exhausts the athlete and culminates with a near max single attempt. This "pyramid" pattern is most often used for training the bench press. As the weight is decreased the athlete will try to approach or exceed their best repetition set for each of the rep sequences. As the athlete lowers the weight they challenge themselves to perform the best possible double, four, six etc. This is a very aggressive training pattern and is suitable for the goal-oriented athlete that requires immediate verification of their strength capacity and gains. Bill Seno and many others have used similar training patterns very effectively. A novice athlete might choose this

training pattern several times each year and follow it for 6 to 8 weeks to monitor improvements. An intermediate athlete would use this program to peak strength during phases of their training as they gear up for meets. The pattern noted above will rapidly increase their strength over 4 to 5 weeks provided they have done some preliminary work on stamina and recovery. This "pyramid" pattern can be a grueling workout and will overtrain you rapidly if you are not in shape.

For all you advanced and experienced lifters this simple "pyramid" system will probably be inadequate. There is not enough intensity or stress on the growth segment of the program. The sets with 4 or more reps do not have enough volume to provide the experienced or advanced lifter with enough stimulus to grow. I have two patterns that I have used that are variations of the simple pyramid and are very effective when used appropriately. The first pattern was introduced to me by Bill Busby. Bill is a veteran bodybuilder turned powerlifter. He still trains in the high volume style that is common to most bodybuilders. He needs substantial load and intensity to stimulate muscles with more than 20 years of foundation. To accomplish this Bill would challenge himself by attacking the front half of the pyramid and eliminate the back half in favor of other specific exercises like close grip benching, machine work, or dumbbell work. Bill's pyramid sequence for a 300 lb. benchers might look like: 135 lbs. x 10 reps, 180 lbs. x 8 reps, 225 x 6 reps, 270 x 3, 220 x 8. Each consecutive set is a challenge set to complete every rep in good form. If you are successful in a workout you would assume a max of 305 lbs. for the next workout and challenge yourself with respectively heavier rep sets. This workout is then followed with assistance work to provide adequate volume in the growth zone. The front loaded pyramid is for the aggressive athlete that likes to take a challenge head on and wants to see the gains immediately. Athletes using this style should be careful to maintain adequate rest and recuperation because of the steadily increasing intensity.

The second variation is a very successful peaking tool. This "pyramid" sequence will be most effective during the last 6 weeks prior to a meet. You should already have completed a series of workouts utilizing moderate

to high volume in the 70-80% 1RM in the 4-6 weeks prior to the cycle list below. This particular variation is the back-loaded or reverse pyramid sequence. All warmups are minimal in volume with maximum jumps to leave the athlete as fresh as possible for the target sets. A 300 lb. bench presser would follow the sequence: 135 lbs. x 2 sets of 5 reps, 205 lbs. for 1 rep, 245 lbs. x 1 rep, 275 x 3, 250 x 5, 235 x 8, 205 x 10, 175 x 20.

As you can see this program is very aggressive and not for the faint of heart. You will be trashed at the completion. Advanced athletes with abundant foundation will want to add more sets in the 3-5 rep range as well as add one or two sets in the 20 rep range. In my experience this workout will work dramatically well as a peaking routine for 4-5 weeks. You must be honest about your max and not miss a rep. After 4-5 weeks of repeating the same sequence of weights and reps your body will be hardened and ready for three legitimate max attempts. With the reverse pyramid I would advise that you do not increase the weight week to week. I have found that if you have a legitimate, honest, single rep maximum to calculate the number of reps you will get a dramatic consolidation of strength in four weeks of steady application of this reverse pyramid sequence.

There are variations of the further lifting USA back issues.

## POWERLIFTING USA BACK ISSUES

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Sept/90 ... APF Seniors, WDPFF Worlds, APF Juniors, World Bench Press Championships (Lain Benches 712), TOP 100 242s, ADFFA TOP 20 148s

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May/91 ... Hawaii World Record Breakers, USPF Nationals, High Volume Training, Protect Your Joints, TOP 100 181 list, ADFFA TOP 20 114 list.

Dec/91 ... Steve Brodsky, Anti-Catabolic Nutrition, I.P.F. Jr. Worlds, Death of O.D. Wilson, Knee Cap Pain, TOP 100 123s, ADFFA TOP 20 220 list.

Mar/92 ... Women's TOP 20, Natural Nationals Bench Press, Powerlifters are Better Lovers, The Hardest Lift, TOP 100 165s, ADFFA TOP 20 SHW list.

April/92 ... Hypertrophy & Strength, I.P.F. World Bench Press, Power Fashion Pictorial, Training Simplicity, TOP 100 181 list, ADFFA TOP 20 114 list.

May/92 ... NASA Natural Nationals, USPF & ADFFA Collegiates, Many Jeffrey Interview, Blast for Mass, TOP 100 198 list, ADFFA TOP 20 133 list.

June/92 ... Baddest Bench in America, ADFFA Women's, Heisey Deadlifts 925, DASH Hawaii Meet, Love' by Dr. Judd, TOP 100 220s, ADFFA TOP 20 132s

July/92 ... USPF list, Chris Stapanides Squat, ADFFA Lifetime Nationals, Elastic Muscle Energy, Tom Overholzer, TOP 100 242s, ADFFA TOP 20 146 list.

Oct/92 ... Chris Confessore Profile, ADFFA National Deadlift, Paul Anderson, Lean Body Mass, Residual Effect Training, TOP 100 114s, ADFFA TOP 20 198s

Nov/92 ... I.P.F. World Jr/Masters, Stretch & Release, Negative Thinking - Pt. I, Steve Sciacpi Deadlift Workout, TOP 100 123s, ADFFA TOP 20 220 list.

Dec/92 ... WDPFF Worlds, Vic Kennedy Drug Free Squat, World's Strongest Man, 500 BP at 165, OKK, Lifting Straps, TOP 100 132s, ADFFA TOP 20 242s

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**Father - Son Duo...** they have been lifting together since 1985, training in their own well equipped basement gym - lug's gym - and together they have over fifty trophies to their credit. Dennis Henderson Jr., is 29 years old and lives in Ligonier, PA. He is a substitute teacher in the Ligonier High School District and is the head football coach at Ligonier High School. He competes in the 220 lb. class with best lifts of 600 420 670. He placed 2nd in the 1991 ADPPA State meet. Dennis Henderson Sr. is 48 years old and lives in West Fairfield, PA. He is a bricklayer by trade and has been lifting competitively since 1987. He competes in the open and masters divisions, 242 lb. class and his best lifts included a 625 squat, 380 bench, and 625 deadlift. He placed 1st at the 1992 Pennsylvania Masters championship. (photo courtesy Clark Brown)

**Firebaugh Bench Press**  
1 Aug 92 - Firebaugh, CA

Men's Press	265	
Submaster	181	
148	R. Guzman	265
165	Women	100
181	Submaster	100
198	L. Lloyd	100
215	L. Lloyd	100
232	P. Citron	100
249	P. Citron	100
266	T. Esley	100
283	L. Esley	100
300	L. Esley	100
317	L. Esley	100
334	L. Esley	100
351	L. Esley	100
368	L. Esley	100
385	L. Esley	100
402	L. Esley	100
419	L. Esley	100
436	L. Esley	100
453	L. Esley	100
470	L. Esley	100
487	L. Esley	100
504	L. Esley	100
521	L. Esley	100
538	L. Esley	100
555	L. Esley	100
572	L. Esley	100
589	L. Esley	100
606	L. Esley	100
623	L. Esley	100
640	L. Esley	100
657	L. Esley	100
674	L. Esley	100
691	L. Esley	100
708	L. Esley	100
725	L. Esley	100
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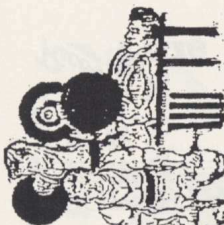
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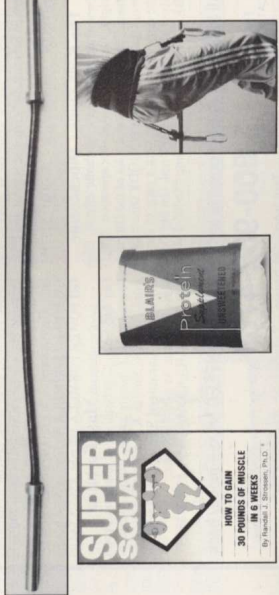
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USA All Time TOP 100 Benchers- 123 compiled by HERB GLOSSBRENER

374	NGUYEN, T	09 FEB 91	13 NOV 82
375	COUCH, K	17 MAR 81	09 MAY 79
376	COUCH, K	02 APR 89	13 MAY 78
377	WRIGHT, A	03 NOV 80	13 MAY 78
378	WRIGHT, A	03 NOV 80	13 MAY 78
379	DUNBAR, C	25 AUG 84	27 MAR 82
380	STEINFELD, J	18 JUN 88	14 MAR 82
381	HART, A	10 SEP 71	15 MAR 82
382	GANT, L	19 APR 80	15 MAR 82
383	HIGGINS, F	13 NOV 82	15 MAR 82
384	KUCIPAK, G	09 MAY 79	15 MAR 82
385	BRADLEY, J	13 MAY 78	15 MAR 82
386	WILSON, S	13 MAY 78	15 MAR 82
387	KEA, R	27 MAR 82	15 MAR 82
388	FELDER, C	14 MAR 82	15 MAR 82
389	CONRAD, R	15 MAR 82	15 MAR 82
390	CONRAD, R	15 MAR 82	15 MAR 82
391	POLE, S	28 NOV 87	15 MAR 82
392	MC DONALD, D	07 MAY 88	15 MAR 82
393	OLSON, T	22 JUN 91	15 MAR 82
394	TOUSANO, V	10 JUN 82	15 MAR 82
395	YOUNG, G	20 OCT 85	15 MAR 82
396	YOUNG, G	10 JAN 87	15 MAR 82
397	MURRILLO, G	11 AUG 91	15 MAR 82
398	MURRILLO, G	12 APR 86	15 MAR 82
399	YOUNG, G	22 MAR 82	15 MAR 82
400	MULIK, B	01 FEB 92	15 MAR 82
401	MUNTE, J	06 MAR 88	15 MAR 82
402	CHATHAM, M	08 JUL 90	15 MAR 82
403	WILSON, W	23 NOV 80	15 MAR 82
404	CORDIAK, M	26 AUG 84	15 MAR 82
405	AUDRETT, P	07 AUG 88	15 MAR 82
406	OLIVER, J	12 APR 86	15 MAR 82
407	YOUNG, G	22 MAR 82	15 MAR 82
408	YOUNG, G	22 MAR 82	15 MAR 82
409	WILSON, F	26 JAN 85	15 MAR 82
410	HALL, C	85 JAN 86	15 MAR 82
411	YATON, M	08 JUN 86	15 MAR 82
412	YOSHIZU, D	13 JUN 81	15 MAR 82
413	ESCOBEDO, H	08 AUG 82	15 MAR 82
414	NAYLOR, A	17 DEC 88	15 MAR 82
415	WHITNEY, T	15 AUG 92	15 MAR 82
416	WHITNEY, T	15 AUG 92	15 MAR 82
417	GRIFITH, L	13 JUL 85	15 MAR 82
418	RUDELLA, C	15 MAR 86	15 MAR 82
419	MONTGOMERY, J	23 APR 88	15 MAR 82
420	CARSON, W	14 OCT 89	15 MAR 82
286	MILAN, E	20 AUG 77	15 MAR 82
287	BLAKE, H	13 FEB 90	15 MAR 82
288	TAYLOR, T	01 AUG 92	15 MAR 82
289	CASULLO, R	30 JUL 77	15 MAR 82
290	KAWAMURA, G	70	15 MAR 82
291	THAYER, E	70	15 MAR 82
292	CLARKE, M	27 JAN 85	15 MAR 82
293	WINTERS, T	21 MAY 88	15 MAR 82
294	CARSON, B	10 NOV 91	15 MAR 82
295	HOLLYFIELD, C	22 FEB 92	15 MAR 82
296	KING, G	21 AUG 92	15 MAR 82
297	RETTENMAIER, A	25 MAR 83	15 MAR 82
298	SALKER, R	26 MAR 83	15 MAR 82
299	HUNNICUTT, G	18 MAY 85	15 MAR 82
300	MORICAN, J	06 JUL 85	15 MAR 82
301	SCHMIDT, J	17 MAY 86	15 MAR 82
302	WESER, P	18 NOV 87	15 MAR 82
303	RAMSEY, D	17 FEB 88	15 MAR 82
304	HOFF, M, S	13 AUG 88	15 MAR 82
305	JONES, M	25 FEB 89	15 MAR 82
306	COUGAN, D	03 APR 90	15 MAR 82
307	BERNARDINI, J	07 APR 91	15 MAR 82
308	SALKER, M	03 SEP 77	15 MAR 82
309	GRANT, C	12 NOV 77	15 MAR 82
310	KRUCK, T	19 APR 80	15 MAR 82
311	LECH, R	07 MAR 81	15 MAR 82
312	EGH, N	17 FEB 88	15 MAR 82
313	GARDNER, J	02 MAY 81	15 MAR 82
314	WILLIAMS, M	13 NOV 82	15 MAR 82
315	ROBINSON, V	29 APR 89	15 MAR 82
316	RECKENKORF, P	28 APR 90	15 MAR 82
317	HO, N	13 JUN 92	15 MAR 82
318	HAGEN, V	30 JUN 90	15 MAR 82
319	TRILLIO, P	29 AUG 69	15 MAR 82
320	ROBINSON, V	29 FEB 88	15 MAR 82
321	LONG, M	13 FEB 88	15 MAR 82
322	JEFFERY, M (F)	16 JUL 88	15 MAR 82
323	PERKINS, G	25 JUL 92	15 MAR 82
324	FABRE, L J	14 JUN 80	15 MAR 82

(wheelchair, amputees, etc. not included)

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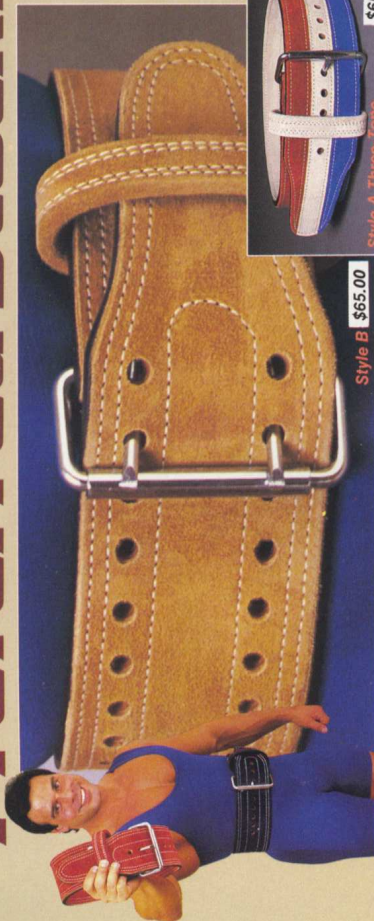
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