The Value of Thoroughbred Blood in the Process

UNDER the title of "How to Improve the Trotter," and similar captions, in different turf journals, we are told that thoroughbred blood is not needed in the trotter, and that it does more harm than good. They talk as though our best sires and trotters were free from thoroughbred were trotting bred, pure and blood and These writers avoid telling the ole story or facts.

Mr. Payne says in a recent issue of the Breeder that Senator Stanford made ex tensive experiments in breeding running mares to his great son of Hambletonian, and when Palo Alto (2.08), the best re-sults of this breeding, appeared and captured the stallion record it caused much thought and discussion. He says that Palo Alto was then nine years old. Since that short time the record has been surpassed by four stallions, three of them much younger, and none of them with a running mare for a dam, and but one of the four having a near infusion of thoroughbred blood. He goes on to "I now refer to to the son of Directr, Directum (2.051)."

Directum is so far the greatest race

horse trotter the world has ever seen horse trotter the worm as ver seem. Let us see how he is bred. A son of Director, dam by Venture, son of thoroughbred Belmont. Venture's dam was by American Boy Jr., thoroughbred son of Sea Gull; second dam by St. Law-When a writer does not like hot blood in a trotter he is sure to refer to Arion and Kremlin to prove that there is no need of thoroughbred blood in the trotter for extreme speed.

Let us analyze the breeding of Arion

and Kremlin, and see what we find. Arion (2.07%), by Electioneer; dam by Nutwood, whose grandam was thorough-bred; second dam by Tattler, the best son of Pilot Jr., whose dam was also thoroughbred. Kremlin (2.07?), by thoroughbred. thoroughbred. Kremin (2.072), by Lord Russell, full brother to Maud S. (2.087 to the old sulky). Lord Russell's grandam was thoroughbred, and Krem-lin's dam was by Woodford Mambrino (2.21½), whose dam was nearly or quite thoroughbred. Kremlin's grandam was by Rysdyk's Hambletonian; third dam by the highly-bred horse American Star. These same writers will extol the trotting-bred horse, and tell you that he is trot-ting-bred for four or five generations, but the moment mention is made of a fast, game horse, whose third or fourth dam was thoroughbred, by such horses as Lexington, Planet, Australian, Margrave and Glencoe, they will ignore the blood of these noted horses, because they did not get the dam of a fast trotter. Now I believe this misleading and un-

fair. Directum (2.051), whose dam was by a highly-bred son of thoroughbred Belmont, has to his credit the fastest stallion record, fastest four-year-old record, fastest three-heat record, fastest stallion fourth-heat race and the fastest fifth-heat fourth-heat race and the fastest fifth-heat race. The fastest six-heat race ever trotted was won by Ryland T., son of Ledger; dam by Urverston, son of Lex-ington. The time was 2.111, 2.121, 2.12, 2.122, 2.111, 2.141. It is well-known that Mand S., (2.081) and Palo Alto (2.081) got their records to the old-fas-hiomed sulky, which Arion and Kremlin got theirs to the bley death of the con-gration of the control of the con-trol of in sulkies, it would bring Maud S. and Palo Alto down to 2.05%.

The Year Book for 1893 gives 21 trot ters in 2.10 and better. More than half this number certainly carry thoroughbred blood close up on the side of sire or dam, and four of them had a thoroughbred dam Little Albert (2.10) was by Albert W. Stanford thought him worthy to bear the

IMPROVEMENT OF THE TROT-SER. (2.20), whose dam was by John Nelson, son of imported Trustee. Fantasy's (2.08), who holds the world's record for three year olds) dam was by Almonarch, ssful sire, whose dam was thorough

The three fastest trotters bred by Gov Stanford, and the fastest ever sired by one horse, are Arion (2.07) to bicycle sulky), Sunol (2.08) and Palo Alto (2.08) to the high-wheeled sulky). Palo Alto (3.08) dam was thoroughbred, Sunol's grandam was thoroughbred, and the sire of the first and second dams of Arion carry thoroughbred blood close up.

In an article written for the American Horseman and Sportsman of last week by Charles T. Harris, that gentleman makes the following statement: He says, when asked to cite an instance wherein the crossing of a trotting sire on a thorough bred mare, or vice versa, has resulted in a great trotting performer, "they invariably fall back on Palo Alto (2.08?)." It is conceded that Palo Alto was by a trotting sire, out of a strictly thoroughbred mare but was he a great performer? He defeated Jack, Rosalind Wilkes, Houri and Susie S. in contested races, all out classed horses. Those who saw this horse in his races and trials againt time, will remember an animal booted to the body and carrying weight that did not improve his feet to any extent. When in the mood he would trot the mile steady, but a steady mile was an exception. Contrasted with the trotting-bred horses he was a sight. Marvin has ne his personal experiences with Palo Alto, but I venture to say that that much-lauded horse gave him more trouble than all the other horses he ever handled put together.

Mr. Harris admits that as a sire Palo Alto is a greater success than as a trotter. He says Palo Alto is credited with four 2.30 performers, all out of trotting-bred mares, and that the four are all under five years of age. I should say so. Why not state the facts? Palo Alto is the sire of state the facts? Falo Alto is the sire of three two year olds with records from 2.19\(\frac{1}{2}\) to 2.23\(\frac{1}{2}\), and one three year old with a record of 2.21\(\frac{1}{2}\). Surelythese four fast trotters were under five years old. What about Alcantara and Alcyone as sires and trotters whose grandams were thoroughbred? The young sires Allandorf, Electricity (2.17%), Glencoe Wilkes and others, whose grandams were thoroughbred? No horse in the world ever got a record of 2.10 with as little training as Macquette, whose grandam was

The following successful sires, besides The following successful sires, besides the above-mentioned grandams, were thoroughbred: Nutwood (2.184), sire of 109 in 2.30 and better, Anteeo (2.164), Anteros, Antevolo (2.194), Bourbon Wilkes, Favorite Wilkes, Hambrino (2.214), Lord Russell, sire of Kremlin (2.074), Mambrino Russell, O'mede Wilkes, (2.97f<sub>2</sub>), Mambrino Russell, O'mede Wilkes, Woolsy, Warrener, etc. Sires whose dams are thoroughbred: Palo Alto (2.08f), Almonarch (2.24f<sub>2</sub>), sire of the dam of Fantasy (2.08f<sub>2</sub>), Ansel, (2.20, Azmoor (2.20f<sub>2</sub>) and Whijs (2.27f<sub>2</sub>) be-sides the above we have the great sires whose dams were very highly bred, many of which were nearly thoroughbred. This list includes the Wilkes-Mambrino Patchen cross, Hambletonian-Star cross, Wedgewood, Woodford Mambrino, Edward Everett and others

Let us see how Mr. Marvin agrees with Mr. Harris' ideas of Palo Alto. Mr. Marvin says: "The second of our great four year old in the 1886 campaign was the now famous Palo Alto. At two years old he came directly under my charge, and his improvement was marvellous.
With the exception of Sunol we never had a two year old so promising as Palo Alto. He could trot a quarter in 33 seconds as a two year old, and showed us a full mile at that age in 2.23\(\frac{1}{2}\). After that he was named Palo Alto. Gov.

## IN A DAY.

LAWRICE, KANS., U.S.A., Aug. 9, 1888. George Patterson fell from a second-story window, striking a fence. I found him using

### ST. JACOBS OIL.

He used it freely all over his bruises. I saw him next morning at work. All the blue spor rapidly disappeared, leaving neither pai scar nor swelling. C. K. NEUMANN, M. D.

ALL RIGHT I ST. JACOBS OIL DID IT."

name of the farm, and he was always a favorite with the governor, owing to his high form and breeding.
"His four-year-old campaign showed

to be a true and game race Out of nine starts he scored eight horse. horse. Out of nime starts he scored eight victories and got a record of 2.20½ in the fourth heat of a race. His gait was good and pure. He carried 10-ounce shoes in front and five-ounce behind, and the usual protecting boots all around. He was a good-headed horse, being certainly as steady as the average purely-trottingbred animal, and showing no position to leave hisfeet under hard pres-sure than fast trotters usually do." It seems to me that Mr. Marvin knows much about the trotting qualities of Palo Alto as those are full of prejudice and make misleading statement

In closing this incomplete article on the subject, I will make a prediction, the subject, I will make a prediction, which is, that a greater proportion of the get of Palo Alto will get records of 2.30 and better than the get of any other horse ever foaled up to 1882, when Palo Alto was foaled. They have about 35 at 12th, the bands have about 35 at 25 Alto was foaled. They have about 39 at Palo Alto and there may be a dozen or 15 in other places. In five years every breeder whose stock is not built on a good thoroughbred foundation will see that he has made a mistake. I do not mean that the sire or dam shall have a first dam thoroughbred, but the best thoroughbred blood must be woven into the trotter and gentleman's roadster to stand the test. -F. L. Gerald.

PERILS OF PROCRASTINATION First High Private (Coxey's Army)— "Ef we hadn't started so early, we wouldn't 'a' come so near freezing o'

Second High Private-" Gee whiz! Ef we'd 'a' waited till the snow was off the ground, them durned farmers all along the line would have been howlin' fer help!

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