

From the Desk of



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For the past couple of years, I have been examining the pedigrees of Champions and Grade 1 winners in order to discover inbreeding patterns that may be present.

What I have found lately is illuminating.

Having now become convinced that Gender-Balanced inbreeding (GBI) is a strengthening type of inbreeding, I started keeping track of which Champions and Grade 1 winners possess GBI and how it presents itself in the pedigrees of these runners.

Intrigued by the Classic performances of Daredevil daughters Swiss Skydiver and Shedaresthedevil, I investigated the other produce of Daredevil and found something remarkable.



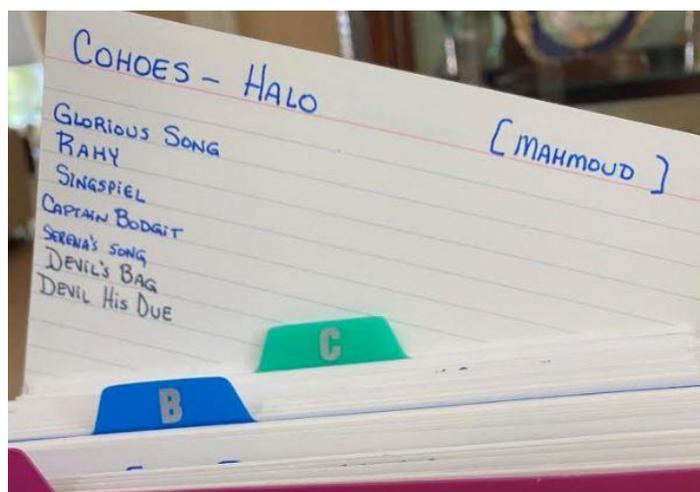
Daredevil, as you will recall, is a Grade 1 winner of the Champagne Stakes. The son of More Than Ready, out of a Forty Niner mare, was vastly under-utilized and quickly sold to Turkey before his first produce had even reached the track. But when those two outstanding daughters began making headlines, Daredevil was quickly leased back from the Turkish Jockey Club and re-patriated to Kentucky.

Daredevil, without a lot of runners to his name, currently has 5 stakes winners. And they *all* have

something in common. They were all produced by a mare who has a Mr Prospector daughter in her pedigree.

This means all five stakes winners have a GBI to Mr Prospector in their pedigree. Daredevil on his own has two Mr Prospector sons (Forty Niner and Woodman) and each dam brings a Mr Prospector daughter to the mix, thus balancing the presence of that individual in the foal's pedigree.

So I began looking in earnest at the breeding patterns of superior runners, such as Champions and Grade 1 winners, Classic winners and etc., and whenever I saw the GBI in action, I recorded the fact on an index card. One such card is shown at right. (In this example: whenever any pedigree contains both Cohoes and Halo, there is created a GBI to the horse Mahmoud. Superior runners which have this cross include Captain Bodgit, Devil His Due, Rahy, Singspiel and others.)





After I had filled two file boxes with these gender balanced examples, it became evident that some GBI crosses might have only a couple superior runners to recommend the cross, while other GBI crosses have *many* superior runners.

Some of the cards were starting to get crowded with names of great horses, and I began to notice that I kept going back to these same cards over and over to add more names.

At that point, I transferred the information on those cards over to brightly colored cards (to make them easier to locate in the file boxes) and dubbed these “Master Crosses.”

Some **Master Crosses** identified so far include:

Nasrullah with any son of Blenheim – This is generally seen as Nasrullah & Mahmoud (although any son of Blenheim creates the same phenomenon), and creates a Gender Balanced inbreeding to Blenheim. Some examples of superior runners exhibiting this GBI are: Nureyev, Skip Away, Summer Squall, Chief’s Crown, Swale, Genuine Risk, Foolish Pleasure, Dust Commander, Star of Cozzene, etc.

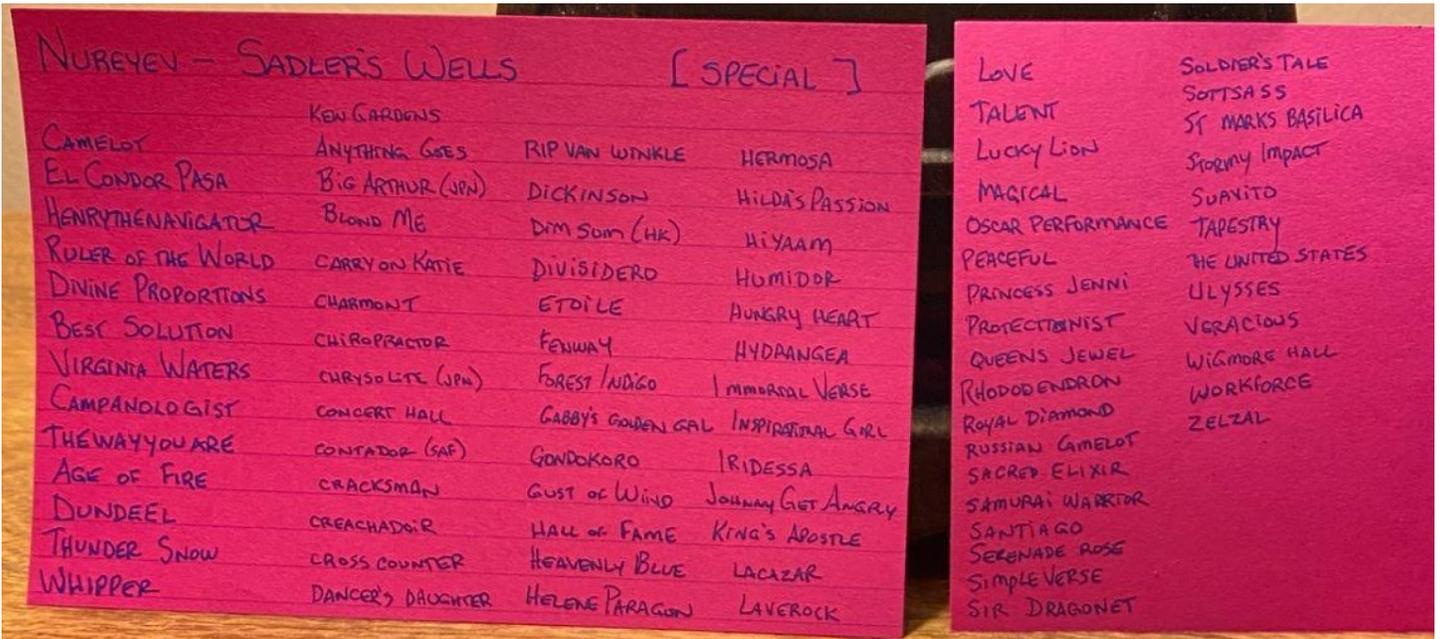
Nearctic with any son of Hyperion – This creates a GBI to Hyperion. Examples of superior runners exhibiting this Master Cross are: Nureyev, Sadler’s Wells, Archipenko, Jade Robbery, Sweet Stream, Real Quiet, Free House, Wild Again, Serena’s Song, Sea Hero, Groovy, etc.

Tom Fool with any son of Bull Dog – This creates a GBI to Bull Dog. Examples of this Master Cross are: Easy Goer, Silver Charm, Strike the Gold, Corporate Report, Summer Squall, Groovy, etc.

Northern Dancer with any son of Native Dancer – This is usually seen as Northern Dancer & Mr Prospector, or Northern Dancer & Alydar. Needless to say, this is a crowded card! This cross results in a GBI to Native Dancer. So potent is this Master Cross that these names can be found in the majority of thoroughbred pedigrees worldwide. Just a few examples of this cross are: Camelot, Awesome Again, Empire Maker, Sea the Stars, Curlin, Ipi Tombe, Arazi, Lure, Ghostzapper, American Pharoah, Wise Dan, Point Given, Lookin at Lucky, Drosselmeyer, Street Sense, Hard Spun, Harve de Grace, Shamardal, Fusaichi Pegasus, Authentic, Funny Cide, etc.

Sadler’s Wells with Nureyev – This creates a GBI to the broodmare Special. Some examples of this Master Cross are: Camelot, El Condor Pasa, Henrythenavigator, Ruler of the World, Cross Counter, Divine Proportions, Best Solution, Virginia Waters, Campanologist, Thewayyouare, Dundee, Thunder Snow, Whipper, Love, Talent, Cracksman, Forever Together, Blond Me, Carry on Katie, Sottsass, etc.

This last-named Master Cross (**Sadler's Wells & Nureyev**) is the most exciting breeding development in recent times. The pink card on which Grade 1 winners for this cross are logged is currently filled, front and back, with 83 individuals, although I accept that the list is likely incomplete.



This has got to be seen as an exciting portend for the Team Valor partners who own the 3-year-old filly **INVITE**, a daughter of The Gurkha. As you can see in the image below, she has both Sadler's Wells and Nureyev (red circles), thus creating the legendary GBI to the broodmare Special (see red arrows). Also, she gets a huge stamina boost in the presence of Shirley Heights, also in a GBI pattern, appearing as the sire of a daughter (The Gurkha's third dam), and as the sire of a son, Darshaan.

INVITE (IRE) b. F. 2018 (3-o) DP = 2-0-1 f-10-1 (28) DI = 0.51 CD = -0.29 - GSV = 59.50 - 3 Starts, 1 Wins, 2 Places, 0 Shows Career Earnings: £4,399

THE GURKHA (IRE) (I) (M) b. 2013 (27) 6-3-2-1 £996,217	GALILEO (IRE) (M) b. 1998 (CS) (45.88) 8-6-1-0 £1,621,110 2258 f, 1796 r, 1152 w, 352 SW	SADLER'S WELLS (USA) (I) (M) b. 1961 (CS) (77.56) 11-6-4-0 \$663,423 2649 f, 1780 r, 1348 w, 294 SW AEI 2.27	NORTHERN DANCER (CAN) (I) (M) b. 1961 (BC) (89.58)	NEARCTIC (CAN) NATALMA (USA)
	CHINTZ (IRE) (I) b. 2006 11-2-2-0 £75,860 1 SW	URBAN SEA (USA) (I) (M) * ch. 1989 22-8-4-3 \$1,713,548 9 SW	DANEHILL DANCER (IRE) (I) (M) b. 1993 (63.57) 11-4-1-1 £212,559 2492 f, 2067 r, 1399 w, 171 SW AEI 1.61	MIRAWAKI (USA) (I) (M) ch. 1978 (75.32)
KATIYRA (IRE) (I) b. 2005 6-3-1-1 £206,233	PEINTRE CELEBRE (USA) (I) (M) ch. 1994 (42.81) 7-5-1-1 £935,001	DANEHILL (USA) (I) (M) b. 1986 (82.41)	MISWAKI (USA) (I) (M) * ALLEGRETTA (GB) (I) (M) * ch. 1976	MR. PROSPECTOR (USA) HOPESPRINGSETERNAL (USA)
	KATIYKHA (IRE) (I) b. 1996 14-6-2-0 £93,085	GOLD DODGER (USA) (I) dkb/br. 1994 6-2-0-1 6 w/885 in FR	MIRA ADONDE (USA) (I) dkb/br. 1986	SHIRLEY HEIGHTS (GB) (I) (M) b. 1988
	PEINTURE BLEUE (USA) (I) ch. 1987 14-2-1-1 \$140,246 in FR/USA	SLEW O' GOLD (USA) (I) (M) b. 1980 (64.08)	BROOKLYN'S DANCE (FR) (I) b. 1988	SHARPEN UP (GB) LETTRE D'AMOUR (USA)
	DARSHAAN (GB) (I) (M) br. 1991 (S) (91.65) 8-5-0-1 \$216,726	NUREYEV (USA) (I) (M) b. 1977 (C) (85.89) 3-2-0-0 \$42,522 784 f, 633 r, 471 w, 137 SW AEI 3.69, AWD 8.0	NORTHERN DANCER (CAN) (I) (M) b. 1961 (BC) (89.58)	SEATTLE SLEW (USA) ALLIUM (USA)
	KATIYFA (IRE) (I) 4-2-0-1 \$33,853 in FR 12 f, 9 r, 6 w, 2 SW	NORTHERN DANCER (CAN) (I) (M) b. 1961 (BC) (89.58)	SPECIAL (USA) (I) (M) *	SHIRLEY HEIGHTS (GB) (I) (M) b. 1988
		ALYDAR (USA) (I) (M) ch. 1975 (C) (78.77)	VALLE D'ANSAITTE (USA)	NEARCTIC (CAN) NATALMA (USA)
		PETROLEUSE (IRE) (I) b. 1986	SHIRLEY HEIGHTS (GB) (I) (M) b. 1988	FORLI (ARG) THONG (USA)
		DAELYS (FR) (I) (M) b. 1972	AUCTION RING (USA) (I) b. 1972 (64.3)	RAISE A NATIVE (USA) SWEET TOOTH (USA)
		KALODIYA (IRE) (I) b. 1979	DIAMOND DROP (GB)	HABITAT (USA) PLENCIA (FR)
				MILL REEF (USA) HARDEIMMA (GB)
				ABDOS (FR) KELTY (FR)
				BOLD BIDDER (USA) HOOPLAH (USA)
				SHANTUNG (FR)