

FLORIDA PANTHER GENETIC RESTORATION PROGRESS REPORT
July, August, September 2000

Beginning this quarter the Florida Panther Genetic Restoration Progress Reports will follow a new tabular format. Several factors contributed to this change. One of them was the increase in the number of individuals to keep tabs on, necessitating a more efficient means of updating and tracking their progress. Another factor was the amount of data that can be detailed in a table. Now, at a glance, one can see all the pertinent details concerning the original Texas cougars and their offspring.

The table is formatted as follows. The original Texas cougars introduced for genetic restoration purposes are highlighted. Offspring (F1's) produced by those individuals are listed underneath and indented. Offspring of F1's (F2's and back crosses) are likewise indented under their respective parent. A "K" (kitten) preceding a number indicates that kitten was handled at the den. If it is later radio-collared it gets an "FP" (Florida panther) designation. Any significant events, if any, that do not easily fit into the table will be posted at the bottom.

Texas cougars and known intercross *Puma concolor* in the south Florida population.

ID ¹	Sex	Dam (mother)	Sire ² (father)	Birth	Gen. ³	Status ⁴	Collared	Notes
TX101	F			1991±2y	TX	D	Y (until death)	Contracepted 11/97 Died 3/00 unknown cause
FP65 ^{BH}	M	TX101	FP45	12/96	F ₁	A	Y (11/19/97)	
FP66 ^{HD}	F	TX101	FP45	12/96	F ₁	A	Y* (12/9/97)	Collar failed 5/00
K52	M	FP66	FP54	9/98	B-FL	d	-	Not observed after handled at den. Dam re-bred early.
K53	F	FP66	FP54	9/98	B-FL	d	-	
K54	M	FP66	FP54	9/98	B-FL	d	-	
K76	M	FP66	FP60	12/99	B-FL	D	-	Roadkill CR858 (2/00)
K77	F	FP66	FP60	12/99	B-FL	a	N	Still with dam
K78	F	FP66	FP60	12/99	B-FL	a	N	
FP73 ^G	F	TX101	FPx	9/95	F ₁	A	Y (11/12/98)	Litters in 98 and 99
FP74	M	FP73	FPx	6/98	B-FL	D	Y (11/12/98) (until death)	Roadkill US27 (9/99). May have littermates. 2 nd to cross Caloosahatchee 5/99
FP84	M	FP73	FPx	2/99	B-FL	D	Y (2/11/00) (until death)	May have littermates. 3 rd to cross Caloosahatchee 4/8/00. Died 4/21/00 unknown cause Fisheating Creek
FP79 ^E	M	TX101	FPx	9/95	F ₁	A	Y (3/3/99)	Sired 12 known offspring
FP87 ^E	F	FP55	FP79	4/99	B-FL	A	Y (2/28/00)	Independent from dam 3/00
K61	M	FP55	FP79	4/99	B-FL	a	N	Not observed after independence
TX102	F			1991±2y	TX	D	Y (until death)	Pregnant w/3 fetuses when hit by car (9/95) on CR 835
TX103	F			1991±2y	TX	D	Y (until death)	Pregnant w/4 fetuses when died (8/99), pregnancy complications
TX104	F			1991±2y	TX	D	Y (until death)	Not known ever to have bred. Died 4/98 from gunshot
TX105 ^F	F			1991±2y	TX	A	Y*	With 1 kitten (#94)
K34	F	TX105	FP16	9/96	F ₁	?	N	Not observed after independence
FP94 ^F	F	TX105	FP16	8/99	F ₁	A	Y (5/1/00)	Observed with mother 8/9, 8/25
TX106 ^{DCA}	F			1991±2y	TX	A	Y	
K23	F	TX106	FP51	11/95	F ₁	?	N	Not observed after independence
K47	M	TX106	FP51	2/98	F ₁	d	-	Disappeared at den after male entered area
K62	F	TX106	FP54	6/99	F ₁	d	-	No sign when sibling found
FP83 ^C	F	TX106	FP54	6/99	F ₁	A	Y (2/8/00)	Independent 5/00
TX107 ^E	F			1992±2y	TX	A	Y	Contracepted 4/00
FP70 ^E	F	TX107	FPx	5/97	F ₁	A	Y* (2/25/98)	Collar out 1/00

FP92 [†]	M	FP70	FP79	6/99	F ₂	A	Y (4/6/00)	All independent from dam 6/00
FP88 [†]	F	FP70	FP79	6/99	F ₂	A	Y (3/2/00)	
FP91 [†]	F	FP70	FP79	6/99	F ₂	A	Y (3/17/00)	
FP71 [†]	F	TX107	FPx	5/97	F ₁	A	Y* (3/5/98)	Collar out 7/00
K69	M	FP71	FP79	6/99	F ₂	d	N	Presumed dead based on field sign
K70	F	FP71	FP79	6/99	F ₂	a	N	
FP86 [†]	F	FP71	FP79	6/99	F ₂	A	Y (2/21/00)	Likely dispersed, left dam's home range
FP90 [†]	M	FP71	FP79	6/99	F ₂	A	Y (3/8/00)	Still within dam's home range
K56	F	TX107	FP79	2/99	B-TX	D	N	
K57	M	TX107	FP79	2/99	B-TX	a	N	
FP93 [†]	F	TX107	FP79	2/99	B-TX	A	Y (4/10/00)	
TX108 [†]	F			1992±2y	TX	A	Y	Observed from air 9/5/00
FP61 [†]	F	TX108	FP16	7/96	F ₁	A	Y (3/4/97)	
FP85 [†]	M	FP61	FP16	3/99	B-TX	A	Y	Independent
K45	F	TX108	FP16	1/98	F ₁	a/d	N	One of K45 and K46 with dam prior to independence; other likely dead.
K46	M	TX108	FP16	1/98	F ₁	a/d	N	

¹ Use areas

- A. Picayune Strand State Forest
- B. Okaloacoochee Slough State Forest
- C. Fakahatchee Strand State Preserve
- D. Florida Panther National Wildlife Refuge
- E. Big Cypress National Preserve
- F. Everglades National Park
- G. Big Cypress Seminole Indian Reservation
- H. Private land

² FPx indicates that the sire was unknown, but temporal and/or spatial circumstances make it likely that it was a FP male, rather than an F₁ or other intercross.

³ Generation explanations

- TX denotes original Texas cougars used for genetic restoration
- F₁ denotes Florida panther x Texas cougar offspring
- F₂ denotes F₁ x F₁ offspring
- B-FL denotes F₁ x Florida panther offspring
- B-TX denotes F₁ x Texas cougar offspring

⁴ Status codes:

- A = Radio-collared; monitored regularly
- a = Presumed alive; observed recently or signs of continued presence with dam
- ? = Fate unknown; not collared and not recently observed
- d = Presumed dead; disappeared under circumstances that suggest mortality is likely
- D = Known to be dead

* Radiotransmitter failed