Wildlife Research Institute -- Shadows Clan
www.bearstudy.org

BIRTH YEAR	1990	1991-1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010

- **SHADOW (F)**
  - Brother (M)
  - *Sister (F)* [S]
  - *Blackheart (F)* [H]
  - *Whiteheart (F)* [H]
  - **BB King (M)**
  - **Dot (F)**
  - **Donna (F)**
    - *Cinder (F)* [V]
    - Trueheart (F)
    - **Cookie (F)**
      - Tucker (M)
      - Topper (M)
      - Lonestar (M)
      - Cody (M)
      - *Monty (M)* [U]
      - **Cub 1 (F)**
      - **Cub 2 (M)**
      - *Cub 3 (U)* [U]
    - **Colleen (F)**
      - *Kelly (M)* [H]
      - Cub 1 (M)
      - Cub 2 (M)
      - **Debbie (F)**
      - **Gina (F)**
      - **Squawker (M)**
    - **Shannon (F)**
      - *Austin (M)*
      - **Cub 1 (F)**
      - **Cub 2 (F)**
    - *Cub 1 (U)* [U]
    - *Cub 1 (U)* [U]
    - *Skeeter (M)* [V]
    - Scooter (M)
  - **Braveheart (F)**
    - *Valiant (F)* [S]
    - **Shylow (M)**
    - *Gracie (F)* [H]
    - Max (M)
    - *Cub 3 (M)* [V]
    - Chip (M)
    - *Dale (M)* [H]
    - *Mickey (M)* [H]
    - **Cub 1 (F)**
    - **Cub 2 (F)**
    - *Cub 3 (F)* [U]
    - *Solo (F)* [RC]
    - *Sunshine (F)* [V]
    - *Cub 3 (M)* [P]
    - Erin (F) [R]
    - Megan (F) [R]
  - **RC (F)**
    - *Spirit (F)* [H]
    - Cub 3 (M)
    - *Cub (F)* [U]
    - **Keefer (F)**
      - *Billy (M)* [S]
      - Trax (M)
      - Baby Devil (F)
      - Cub 2 (M)
      - Cub 3 (M)
    - **Bow (F)**
      - *No-bow (F)* [H]
      - Bruno (M)
      - **Ty (M)**
      - **Jo (F)**
      - Ted (M)
      - Cowlick (M)
  - **June (F)**
    - *Hazel (F)* [S]
    - **Willy (M)**
    - **Pete (M)**
    - George (M)
    - **Lily (F)**
      - **Cal (M)**
      - Bud (M)
      - **Hope (F)**
      - **Jewel (F)**
      - **Jordan (M)**
    - *Curly (F)* [H]
    - Larry (M)
    - *Moe (M)* [H]
    - Cub 1 (U)
    - Cub 2 (U)
    - Cub 3 (U)
  - **Juliet (F)**
    - Scruffy (M)
    - Runt (M)
    - Luke (M)
    - *Skywalker (M)* [H]
    - **David (M)**
    - *MiMi (F)* [N]
    - *Tia (F)* [U]
  - **Ursula (F)**
    - Burt (M)
  - Cub 1 (F)
  - Cub 2 (M)
  - **Cub 1(M)**
  - **Cub 2(M)**

KEYS to FATE:

font type: **red bold** = alive
italicized = dead

plain black = unknown (dead or dispersed)

superscripts:
H = shot by hunter
P = predation
S = shot by non-hunter
U = cause of death unknown
V = hit by vehicle
C = capture myopathy
R = removed from study by MN DNR
N = natural causes