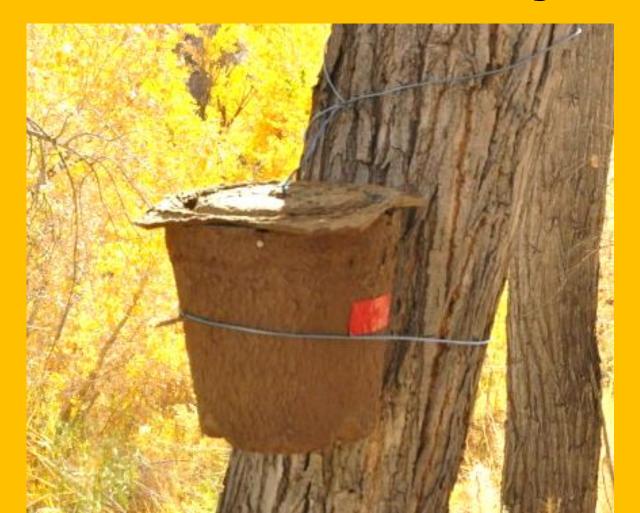


Bucket swarm traps to sample for Africanized Bees in San Juan County

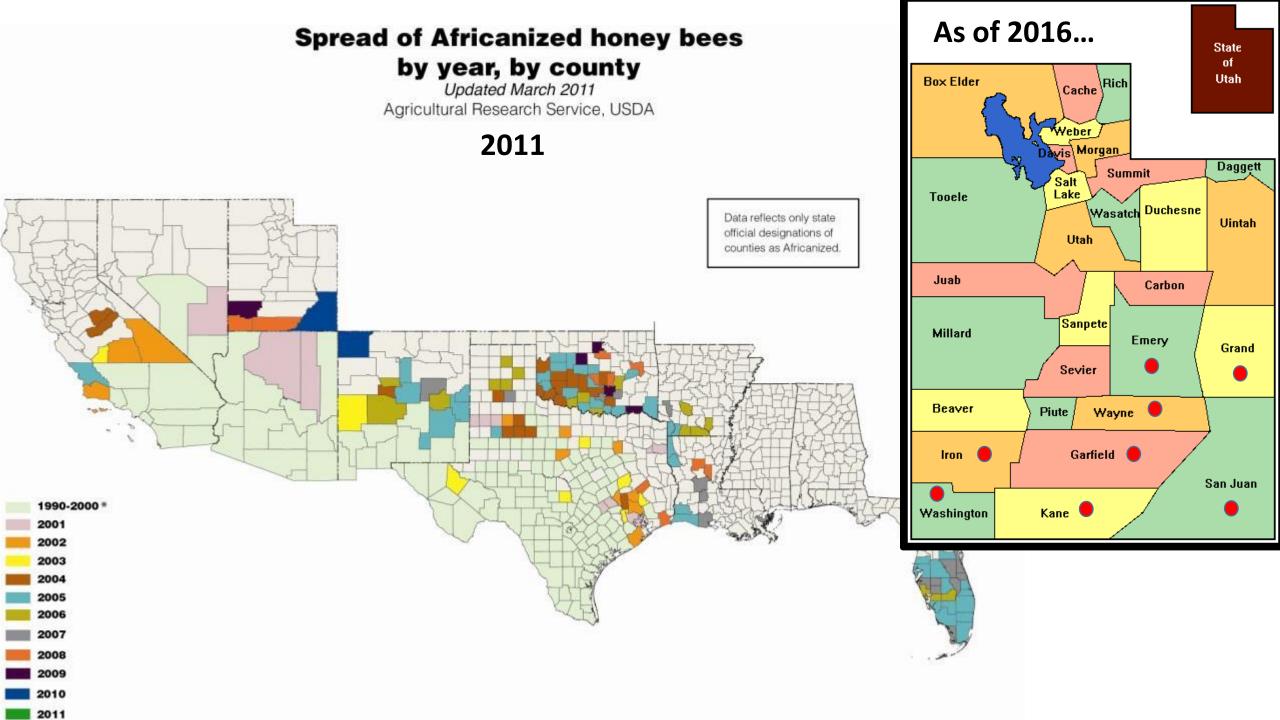






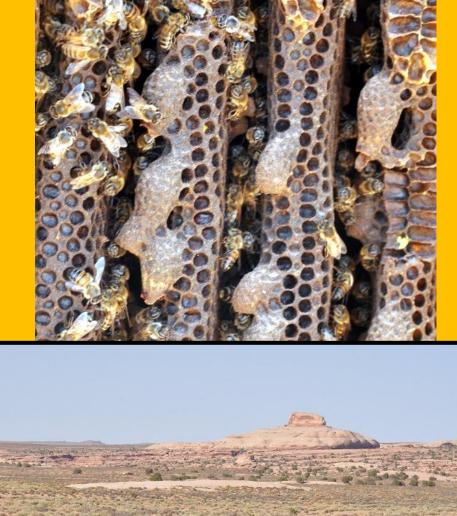
Transferring comb to frames







Navajo Reservation cut-out





Another Navajo Reservation cut-out

Joan Geoff

San Juan River sampling

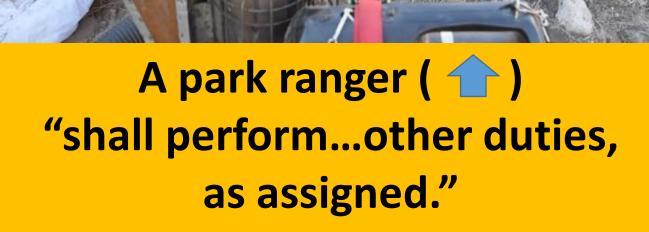




PARK

BII

Spanish Bottom, Canyonlands National Park removal







Green River sampling







San Juan River removal





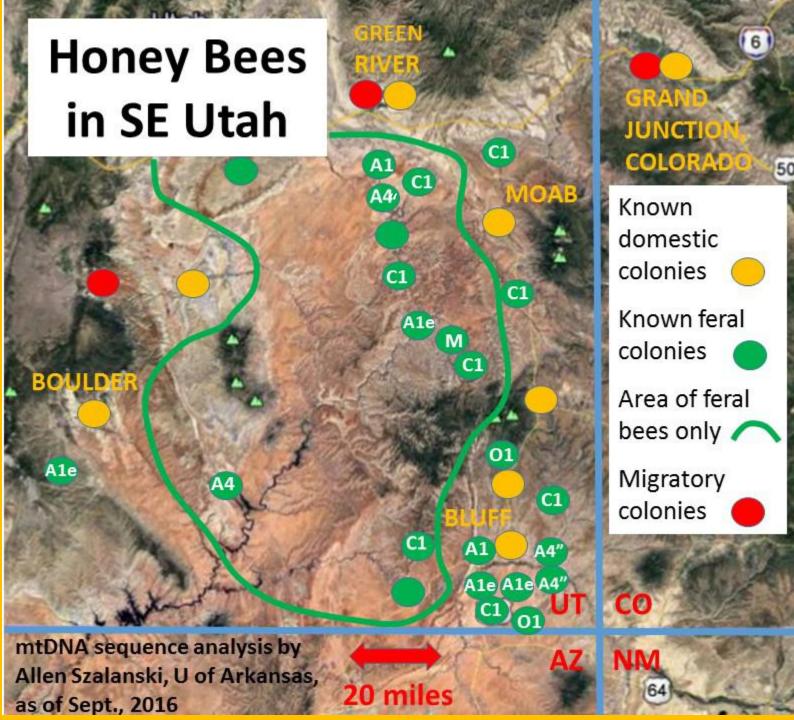


Colony hung in hive box and net removed



Bluff slickrock sampling





Apis mellifera mitotypes (maternal linages)

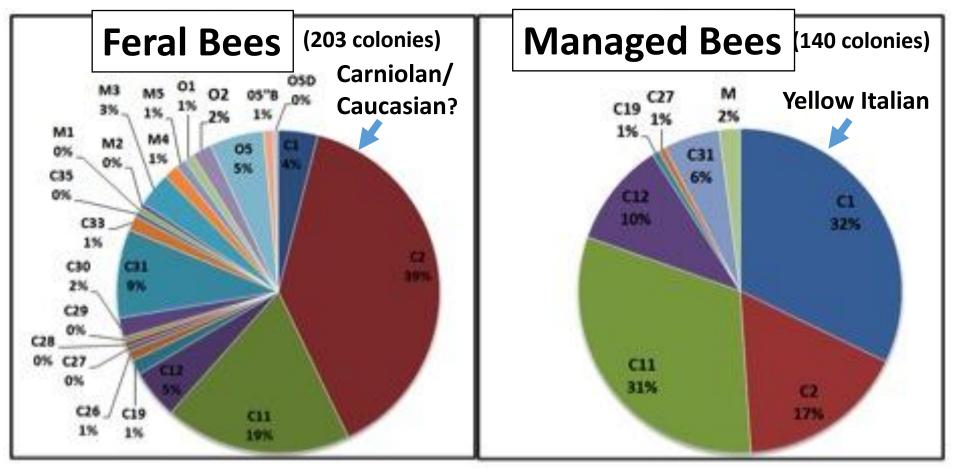
A1, A1e, A4, A4" - Africa

C1 – Southeast Europe

M – Western Europe

O1 – Near/Middle East

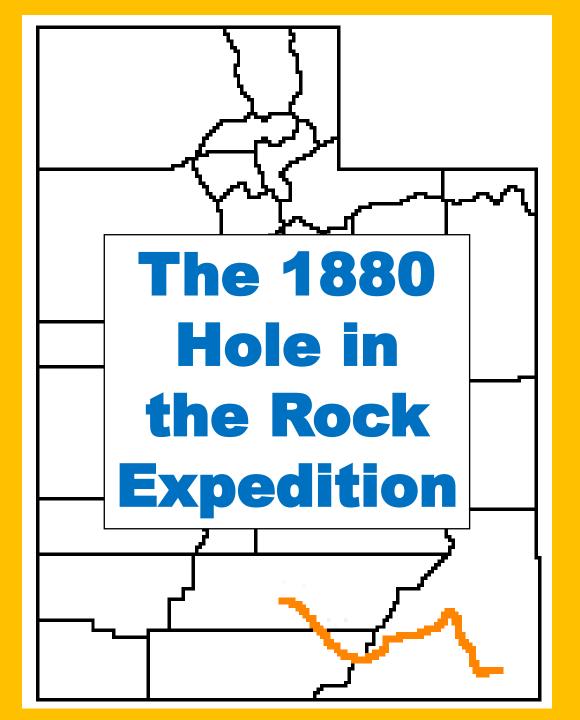
Genetic variation in honey bees from south central United States.



From Magnus, R and AL Szalanski (2008) Genetic variation in honey bees from south central United States. Poster at 2008 ESA In Randy Oliver, What's Happening To The Bees?

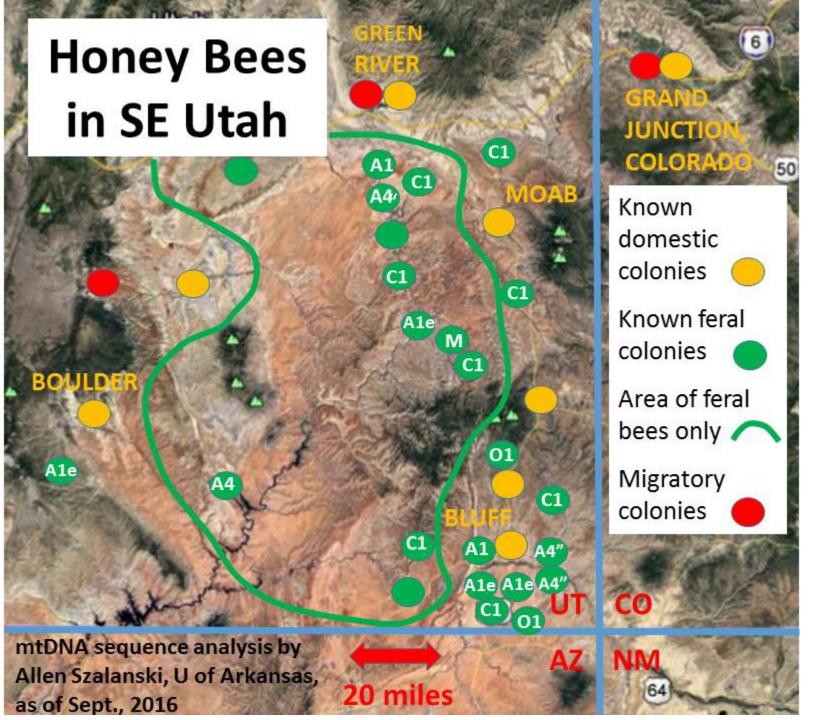
- Part 5: Is There A Difference Between Domesticated And Feral Bees?

First published in: American Bee Journal, June 2014



"Going up from the river the road was steep and the chain broke and the wagon turned over... We had a hive of bees and had to wait till we could sack the bees before we could start packing the pieces of the wagon and the load up the hill."

- Henry John Holyoak, nine years old



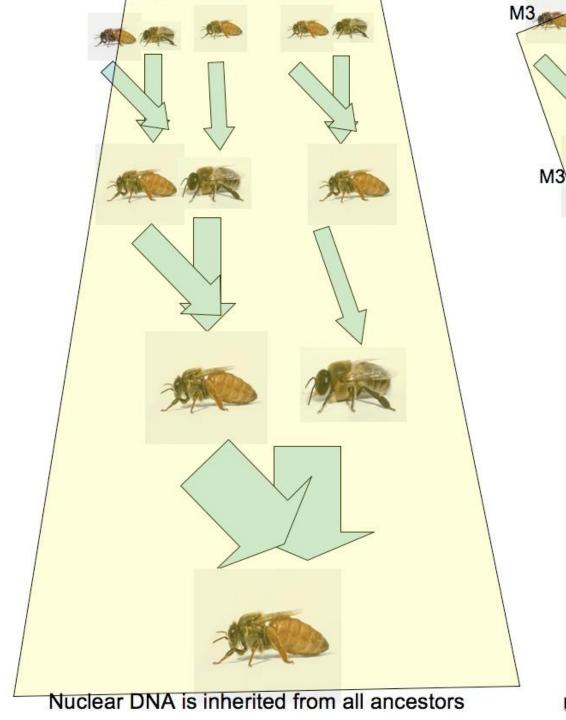
<u>Apis mellifera</u> mitotypes (maternal linages)

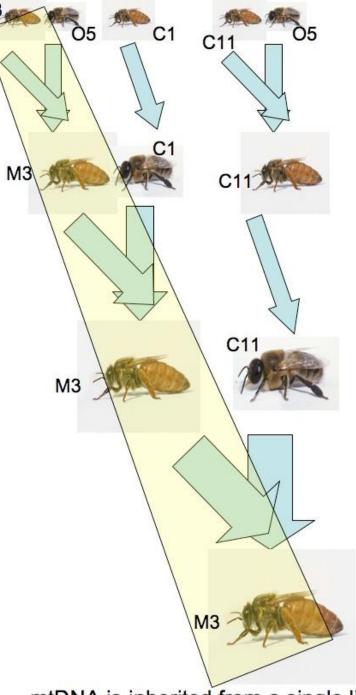
A1, A1e, A4, A4" - Africa

C1 – Southeast Europe

M – Western Europe

O1 – Near/Middle East





mtDNA is inherited from a single lineage

