

# OTS

## *... Honeybee Husbandry ... Mating Moments ...*

by Mel Disselkoen

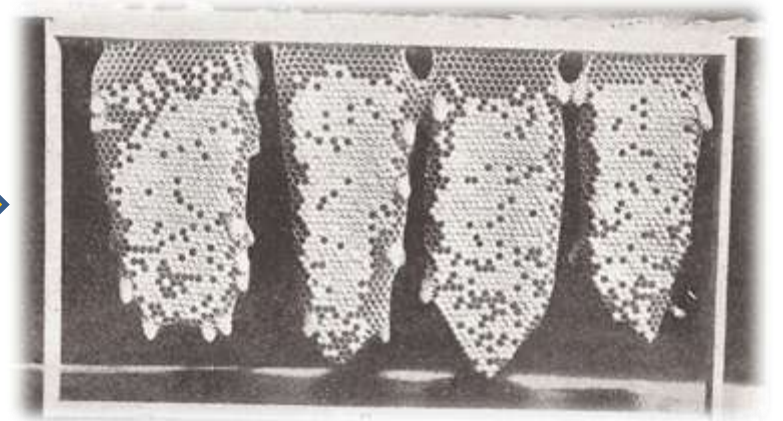
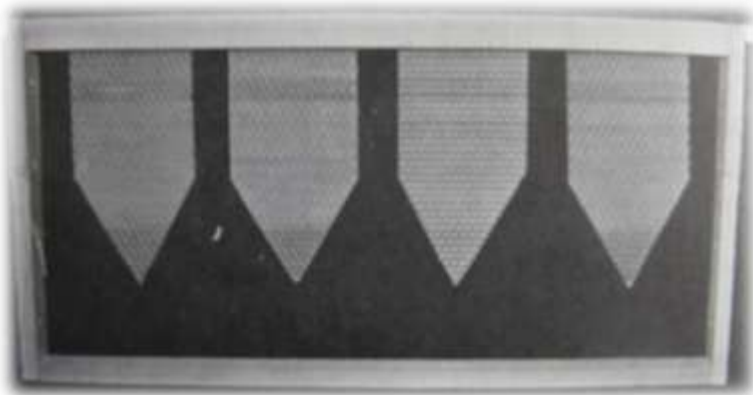
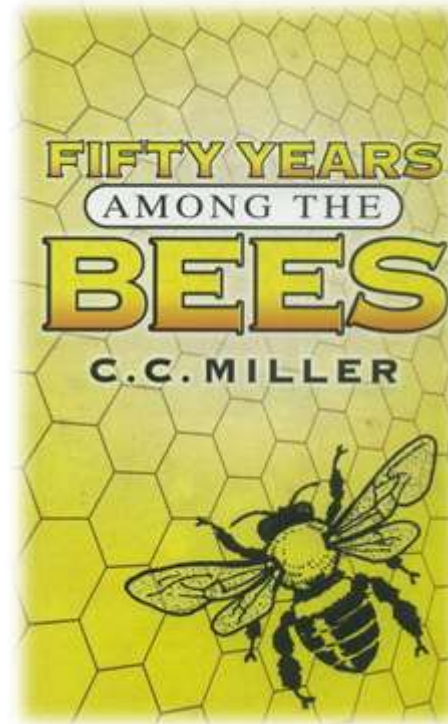
Winter-Spring 2011 presentations to:

**Western Pennsylvania Beekeeping Seminar**  
February 18-19, 2011

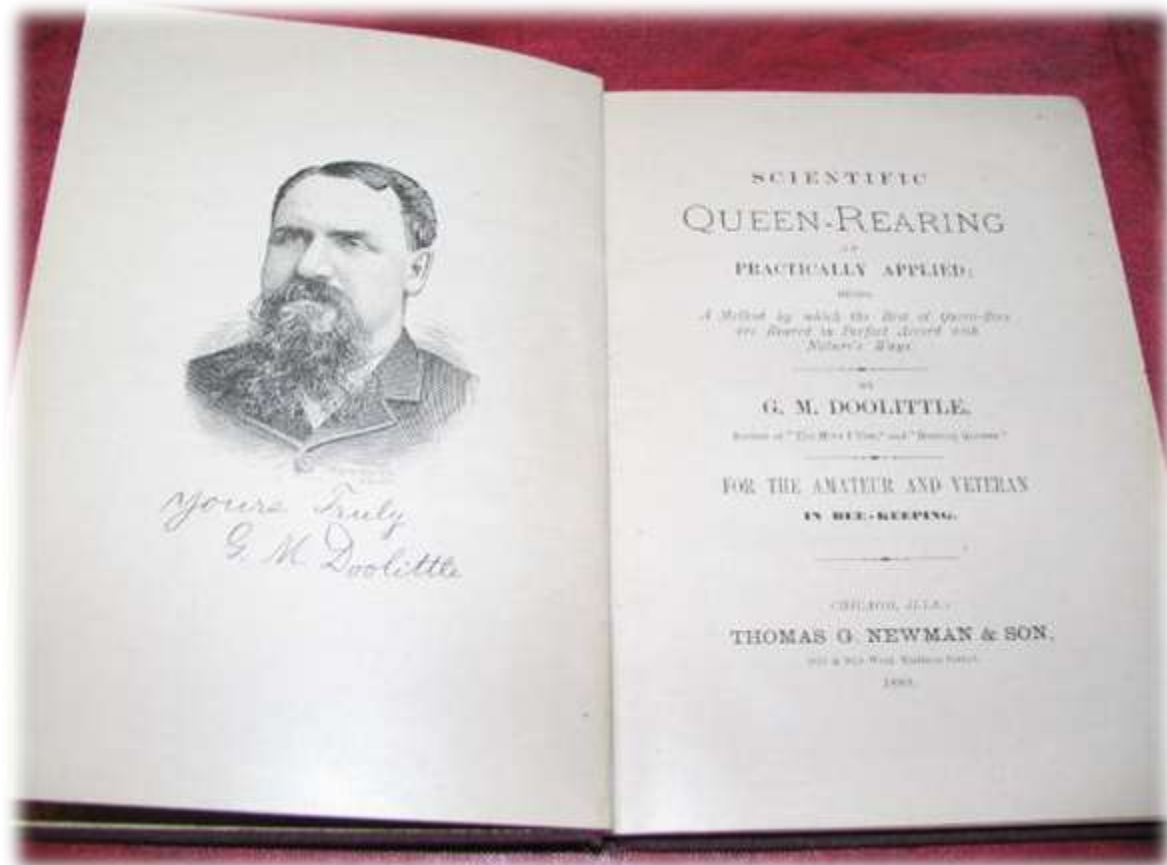
**Indiana Bee School IX**  
February 26, 2011

**Michigan Beekeepers Association**  
March 11-12, 2011

## DR. C. C. MILLER



# G.M. DOOLITTLE



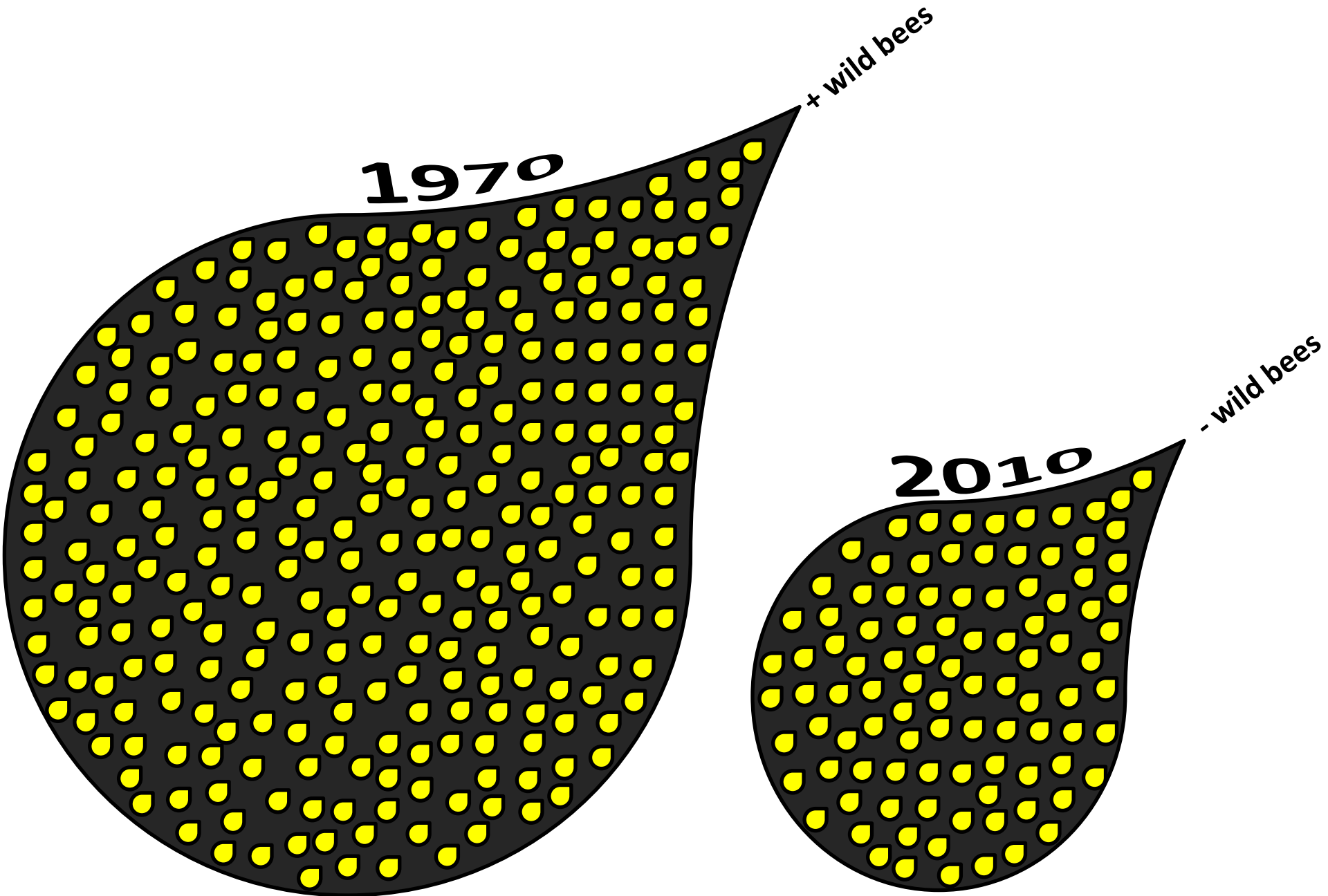
# **GEOGRAPHICAL ISOLATION SUSTAINED DISTINCT RACES**



# GENE POOL ORIGINS



# QUEEN BREEDERS: GENE POOL HAS NARROWED SIGNIFICANTLY IN 40 YEARS

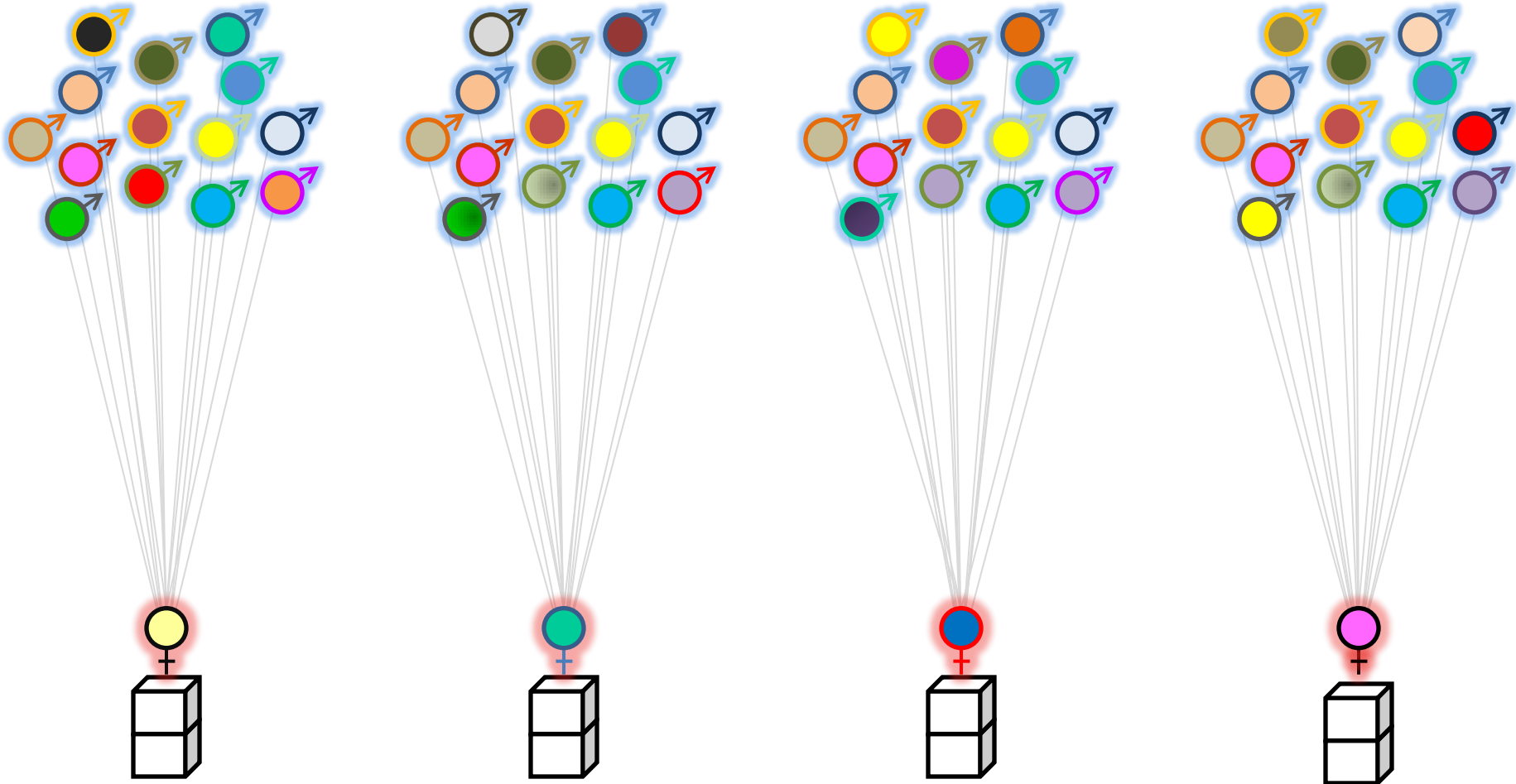


# WHO'S YOUR DADDY?

## There Are Fourteen Or Fifteen Fathers In Each Hive



# THE ENORMITY OF THE OTS GENE POOL





# FROM GRAFTING TO NOTCHING

## Hands-On Wins Hands-Down

**1973-1987**



**1980s-PRESENT**



## **STEP 1: SCAN THE BROOD FRAME FOR 36-HOUR-OR-YOUNGER LARVAE**



# OTS

## **STEP 2: CHOOSE THE BEST LARVAE TO NOTCH**

