

# Residential Beekeeping



LAYTON CITY, UTAH

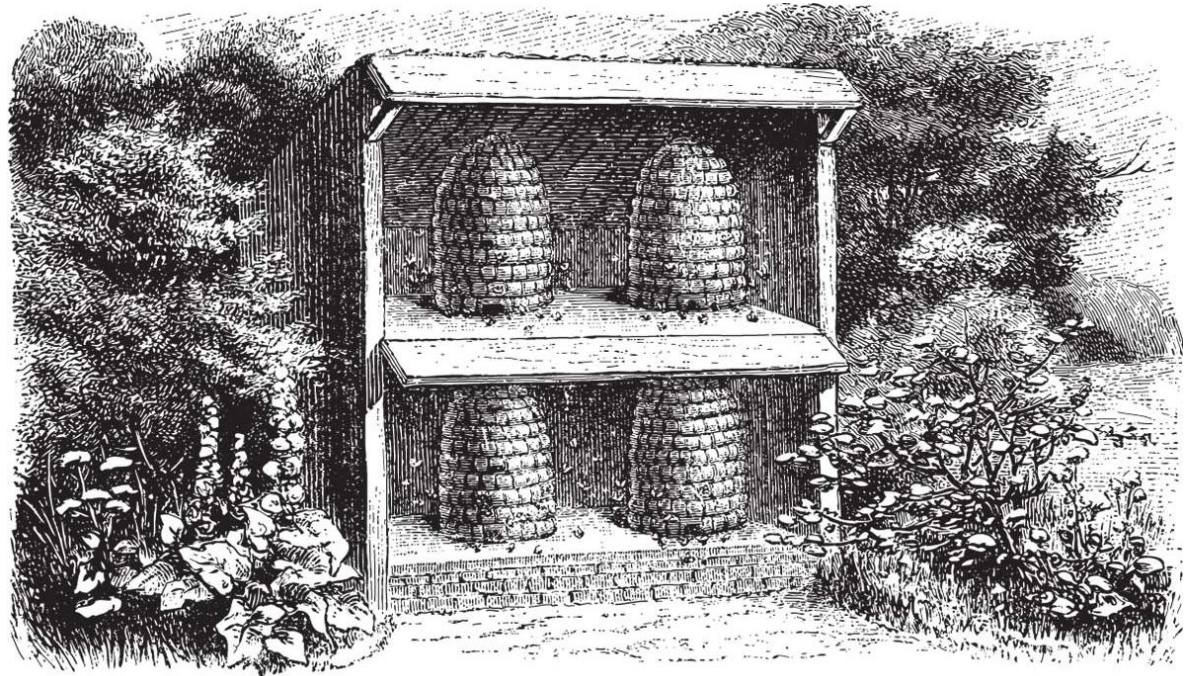




## Early Utah

Late 1800's – Early 1900's

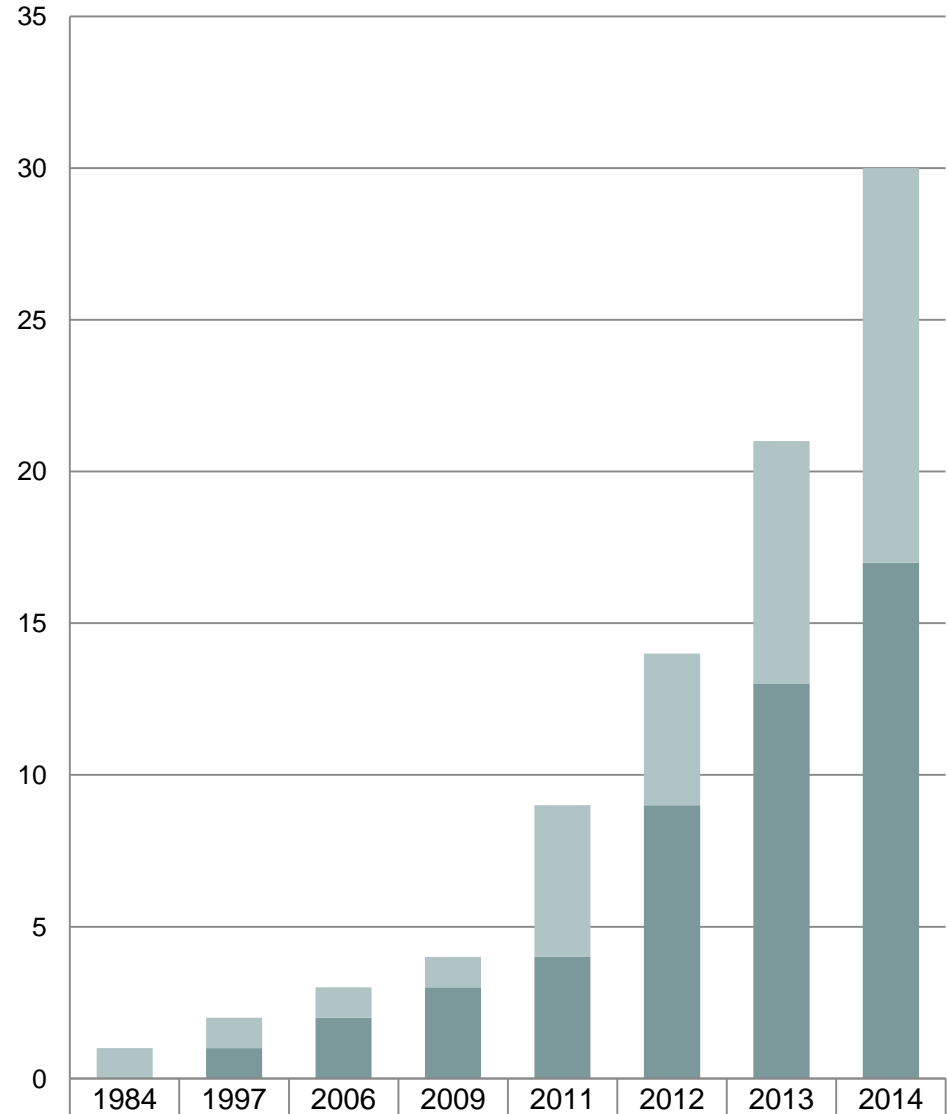
- Cost of cane sugar was high
- Beekeeping became a common practice
- Many kept hives for personal food production and trade
- Disease plagued many hives
- 1892 Utah Beekeepers Association was founded to combat diseases



## Beekeeping in Layton Today

- Number of beekeepers has doubled almost every year since 2011
- 30 Registered Beekeepers
- 90 Hives

# Of Registered Beekeepers



■ New Registrations	1	1	1	1	5	5	8	13
■ Existing Registrations	0	1	2	3	4	9	13	17





## Why the Increase?

- A focus on local food products
- Increase flower and garden production
- Many believe local honey combats pollen allergies
- Hobbyists





## Terms

- Apiary: One or more colonies
- Hive: Artificial or natural receptacle used to house bees such as a box or skep
- Hive, Colony: Any hive including queen, works, or drone bees
- Flyway: Solid wall, fence or dense vegetation which modifies the bee flight pattern






## Layton vs. Cities in Davis County

- Only 2 Davis County cities have an ordinance, despite this beekeeping is very active
- Layton's number of residents per beekeeper just under the County average

Cities	Population	Ordinance	Beekeepers	# of Residents per Beekeeper
Bountiful	43,023	Yes	35	1,229.23
Centerville	16,624	Yes	9	1,847.11
Clearfield	30,467	No	5	6,093.40
Clinton	20,924	No	11	1,902.18
Farmington	21,599	No	13	1,661.46
Fruit Heights	5,595	No	3	1,865.00
Kaysville	28,876	No	29	995.72
<b>Layton</b>	<b>70,790</b>	<b>No</b>	<b>30</b>	<b>2,359.67</b>
North Salt Lake	17,017	No	4	4,254.25
South Weber	6,525	No	14	466.07
Sunset	5,137	No	0	NA
Syracuse	25,775	No	19	1,356.58
West Bountiful	5,374	No	6	895.67
West Point	9,936	No	8	1,242.00
Woods Cross	10,756	No	2	5,378.00
<b>Average</b>			<b>12.53</b>	<b>2,253.31</b>



## Layton vs. Cities in Wasatch Front

Cities	Population	Ordinance	Beekeepers	# of Residents per Beekeeper
Centerville	16,624	Yes	9	1,847.11
<b>Layton</b>	<b>70,790</b>	<b>No</b>	<b>30</b>	<b>2,359.67</b>
Ogden	84,249	Yes	46	1,831.50
Orem	91,684	Yes	52	1,763.15
Provo	116,288	Yes	41	2,836.29
Roy	37,733	Yes	13	2,902.54
South Jordan	59,366	Yes	56	1,060.11
West Jordan	110,077	Yes	51	2,158.37
<b>Average</b>			<b>37.25</b>	<b>2,094.84</b>



## Wasatch Front Cities with Ordinances

- Number of hives limited based on lot size
- Setbacks from property lines or public right of ways
- Flyway barrier required when hive located within 25' of property line(s) or public right of way

City	Max # of Hives	Lot Size	Zones	Setback
Bountiful	5	5,000 s/f	All Residential	10' from any property line or public right of way
	10	.5 acre		
Centerville	4	.5 acre or less	Agri. Low Density Residential	None
	6	.5 - 1 acre		
	8	Over 1 acre		
Ogden	5	.5 acre or less	All Residential	5' from any property line or public right of way
	10	over .5 acre		
Provo	5	5000 s/f	All Residential	None
	10	.5 acre		
Roy	1	8,000-9,999 s/f	All Residential	30' from any dwelling on adjacent lot. 10' from any property line. 10' from dwelling on same lot
South Jordan	2	.25 - .5 acre	All Residential	10' from any property line or public right of way
	4	.5 - 1 acre		
	1 additional colony for each additional 1/2 acre increments	Over 1 acre		



# State Law Requirements

- **Registration**
- Apiary Identification
- Assistance in Locating Apiaries
- Salvage Operations

- Every owner of one or more colonies of bees shall register with the Department of Agriculture and Food.

Count of Hives	License Fee
0-20	\$10.00
21-100	\$25.00
More than 100	\$50.00



## State Law Requirements

- Registration
- **Apiary Identification**
- Assistance in Locating Apiaries
- Salvage Operations

- Each apiary location shall be identified by a sign showing the owner's registration number issued by the Utah Department of Agriculture and Food.



## State Law Requirements

- Registration
  - Apiary Identification
  - **Assistance in Locating Apiaries**
  - Salvage Operations
- All beekeepers shall personally assist the department or county bee inspectors in locating their apiaries, or providing accurate and detailed information as to the location of all beehives under their control or possession.



## State Law Requirements

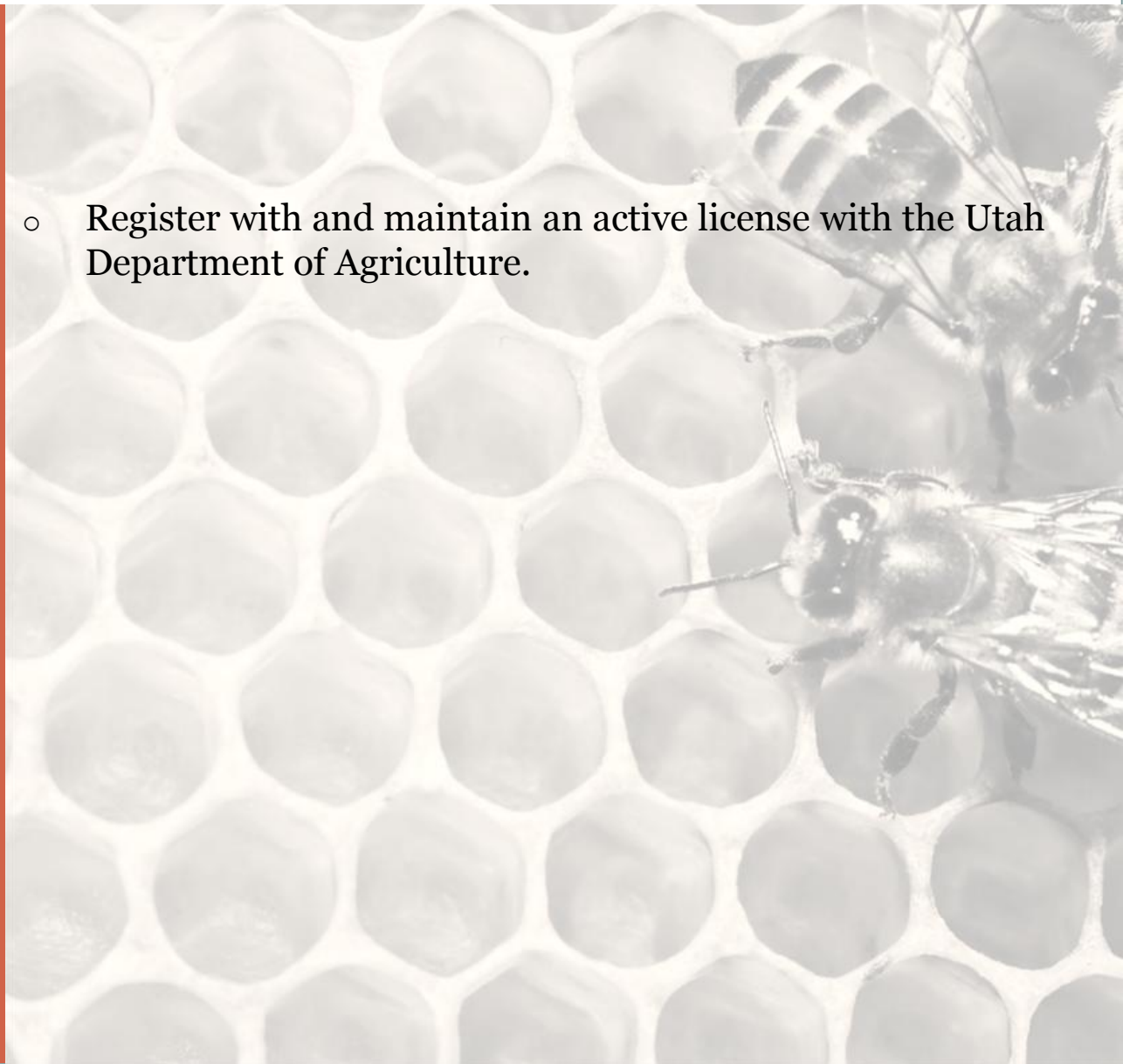
- Registration
- Apiary Identification
- Assistance in Locating Apiaries
- **Salvage Operations**
  - All salvage operations with respect to wax, hives and appliances from diseased colonies shall be performed in a tightly screened enclosure to prevent the entrance of bees according to the procedures provided by the State of Utah.



# Draft Ordinance

- **Register**
- Hives
- Flyways
- Hives on Residential Lots

- Register with and maintain an active license with the Utah Department of Agriculture.

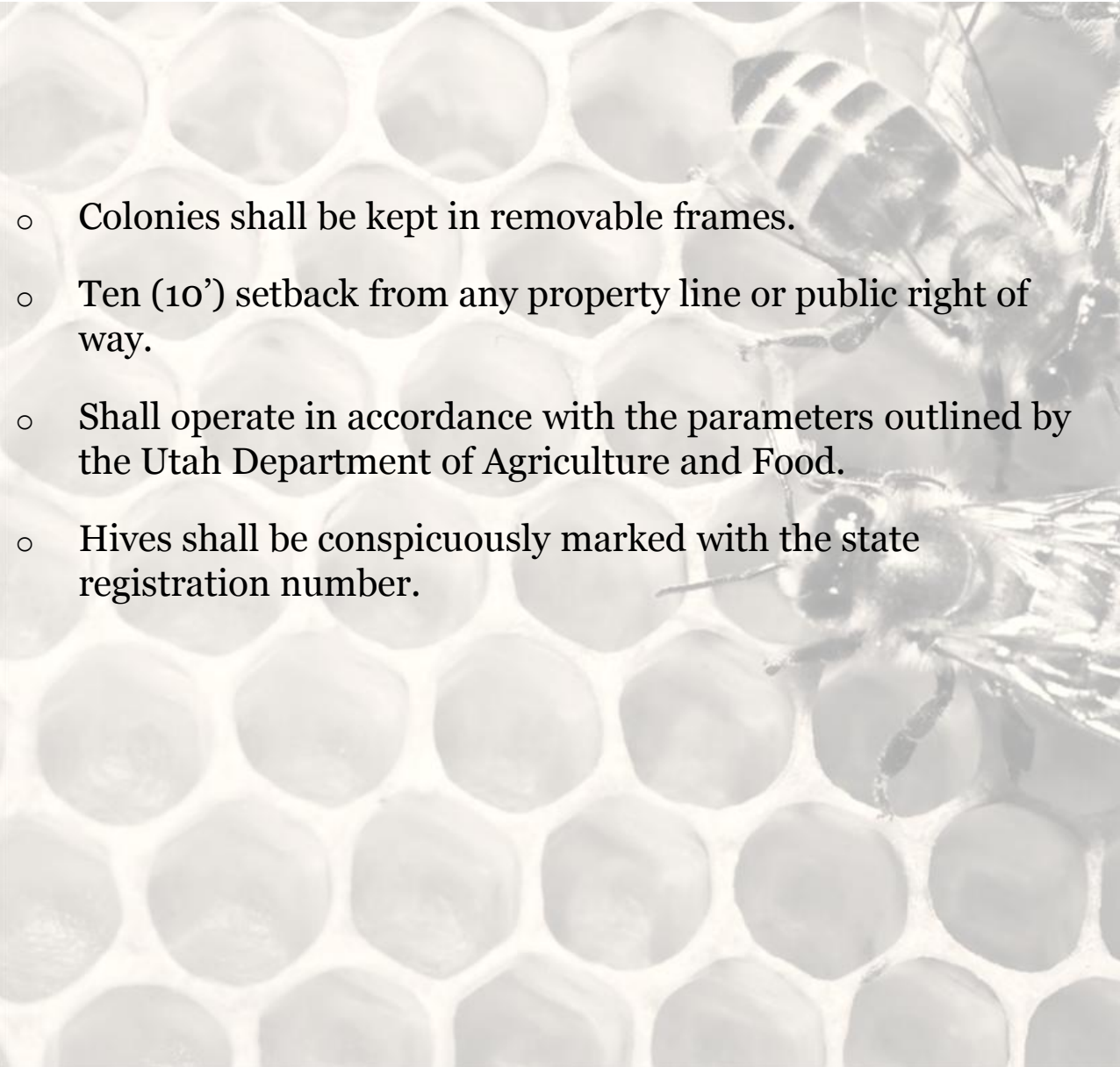






## Draft Ordinance

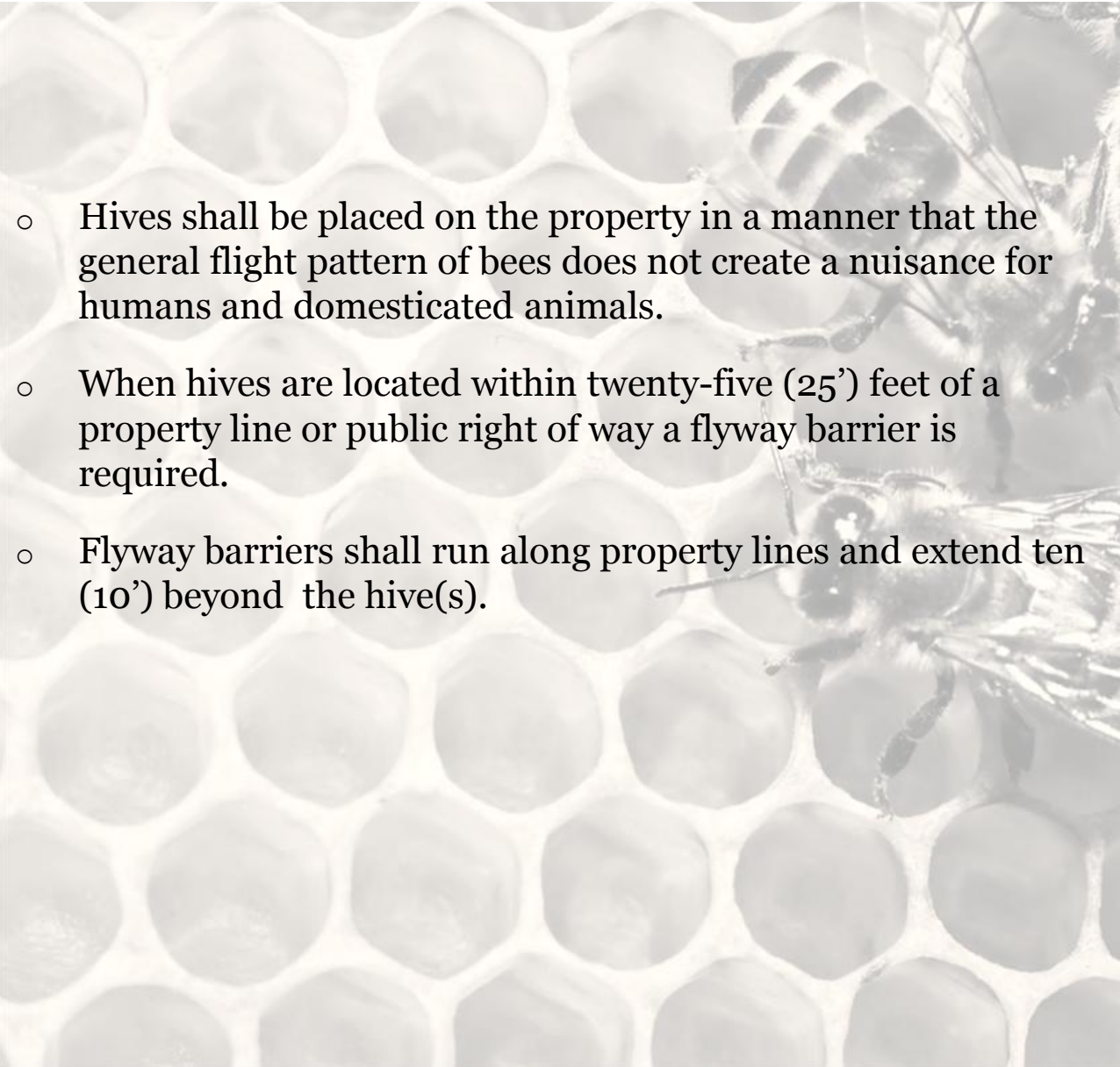
- Register
- **Hives**
- Flyways
- Hives on Residential Lots

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- Colonies shall be kept in removable frames.
  - Ten (10') setback from any property line or public right of way.
  - Shall operate in accordance with the parameters outlined by the Utah Department of Agriculture and Food.
  - Hives shall be conspicuously marked with the state registration number.



# Draft Ordinance

- Register
- Hives
- **Flyways**
- Hives on Residential Lots

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- Hives shall be placed on the property in a manner that the general flight pattern of bees does not create a nuisance for humans and domesticated animals.
  - When hives are located within twenty-five (25') feet of a property line or public right of way a flyway barrier is required.
  - Flyway barriers shall run along property lines and extend ten (10') beyond the hive(s).



# Draft Ordinance

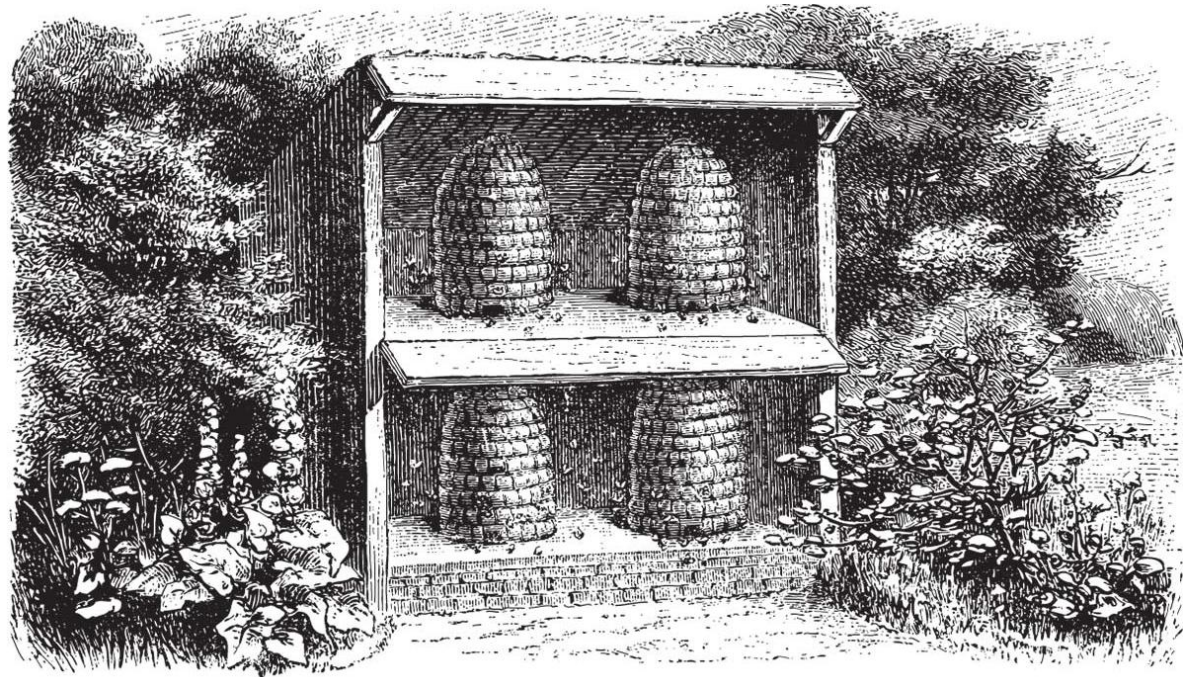
- Register
- Hives
- Flyways
- **Hives on Residential Lots**

Lot Size	Permitted Number of Hives
0 – .5 acre (0 – 21,780 s/f)	Up to 5 hives
.5 – .75 acres (21,780 – 32,670 s/f)	Up to 6 hives
.75 – 1 acre (32,670 – 43,560 s/f)	Up to 10 hives

- Hive(s) shall not be permitted in front or side yards.
- Hive(s) shall not be located on property owned or occupied by another person without first obtaining written permission.
- A convenient source of water shall be available to the colony continuously between March 1 and October 13



# Questions and Next Steps



# References



Early Utah [http://historytogo.utah.gov/utah\\_chapters/pioneers\\_and\\_cowboys/oliverbhuntingtonandhisbees.html](http://historytogo.utah.gov/utah_chapters/pioneers_and_cowboys/oliverbhuntingtonandhisbees.html)

Image source: <http://modernfarmer.com/2013/05/how-to-build-a-bee-skep/>

*Terms*

Image source: <http://photographyblogger.net/17-fascinating-beehive-and-honeycomb-pictures/>

*Why the Increase*

Image source: <http://www.alexanderwild.com/Insects/Stories/Honey-Bees/i-4NRSKWn/A>

*State Law Requirements*

Image source: <http://www.superbwallpapers.com/photography/honeycomb-21286/>