

## Hive Census Data Collection Form

### Beekeepers' Guild of San Mateo County

<b>Beekeeper</b>	<i>Name</i>						
<b>Apiary/ Hive Location</b>	<i>City</i>	<i>Zipcode +4</i>	<i>Environment</i>				
<b>Hive Identifier</b>	<i>Name/Number?</i>						
<b>Hive Type</b>	<i>Lang, Top Bar, Warre, etc</i>						
<b>Bottom Board</b>	<i>Screened open, Screened monitored, or Closed</i>						
	<b>Source, Destination or Treatment</b>						
<b>Census Period</b>	<i>April - October</i>		<i>October - April</i>		<i>Full Year: April - April</i>		
	<b>Action</b>	<b>Date: M/D/Y</b>	<b>Action</b>	<b>Date: M/D/Y</b>	<b>Action</b>	<b>Date: M/D/Y</b>	<b>Notes</b>
<b>COLONY GAINS</b>							
<b>Colony Acquired or Colony Queenright/ Source</b> <i>Type (Split, Package, Nuc, Colony, Swarm, Bait Hive)</i>							
<b>Colony Requeened</b>							
<b>Date Requeened from outside source/List Source</b> <i>Selection Trait</i>							
<b>Requeened from your apiary</b> <i>Approximate date superceded if known</i> <i>Date of combine for colony that maintained queen</i> <i>Date colony requeened from nuc raised in apiary</i> <i>Date colony requeened with queen cell from your apiary</i> <i>Date colony requeened with your own grafted queen cell</i>							
<b>COLONY LOSSES</b>							
<b>Date Colony Lost or Noticed Died</b> <i>Reason, if known</i>							
<b>Date Given Away or Sold/ To Whom?</b> <i>Reason</i>							
<b>Date Queen Replaced in Combine</b> <i>Mark date here if colony was replaced in combine</i>							
<b>TREATMENTS</b>							
<b>Treatments Applied (see key)</b> <i>Dates preventative treatment?</i> <i>Dates as-needed treatment- List pest/disease identified</i>							
<b>Management Treatments Used (see key)</b>							
<b>HIVE TEMPERAMENT</b> (Gentle, Occasionally Defensive, Extremely Defensive)							

# Treatment Keys for Hive Census Data Collection Form

Beekeepers' Guild of San Mateo County

<b>Key to Applied Treatments</b>	<b>Key Code</b>	<b>Notes</b>
No treatment applied	NT	
Multiple biological treatments	Mbio	
Oxalic acid, liquid/ dribble	OX-dr	
Oxalic acid, vapor	OX-vap	
Oxalic acid, glycerin strips	OX-str	
Formic acid (Mite-Away II)	MA-II	
Formic acid (Mite Away Quick Strips)	MAQs	
Thymol (Apiguard, ApiLife VAR)	Thy	
Hop oil (HopGuard)	Hop	
Menthol (Mite-A-Thol)	Men	
Fluvalinate (Apistan)	Flu	
Coumaphos (Check-Mite+)	Cou	
Fumagilin (Fumadil B)	Fum	
Terramycin	Terr	
Multiple types synthetic treatments	Msyn	
Powdered sugar	Sug	
Essential oils	Oil	
Cinnamon	Cin	
Peppermint	Pep	
Grease patties	Gr-p	
Mothballs	Moth	
Multiple types soft treatments	Msoft	
Other - describe		

<b>Key to Management Treatments</b>	<b>Key Code</b>	<b>Notes</b>
Split - raise own queen - date(s)/ number	Split	
Allow to swarm	Swa	
Use bait hives	Bait	
Survivor queen	SQ	
Rjequeen with survivor queen	ReqSQ	
Resistant queen (hygienic, ankle biter, etc)	RQ	
Requeen with resistant queen	ReqRQ	
Cage queen broodless period	CageQ	
Cull drone brood	Cull-D	
Use open screened bottom board all year	OpenSBB	
Other - describe		

## **Information for Filling Out the Hive Data Collection Form 2016-17 Hive Census, Beekeepers' Guild of San Mateo County**

The Hive Data Collection Form is a tool to keep basic records on each of your hives to make it easier and more accurate to fill out our Guild's Annual Hive Census. The census allows us to calculate each beekeeper's rate of hive losses, and our collective losses in San Mateo County. We also use the census to assess the kinds of applied treatments and/or management treatments that our beekeepers are using to try to improve hive survival.

Use one data collection form for each of your hives. Make copies as you acquire more colonies. Or contact Nickie Irvine for an electronic copy: [nickieirvine@gmail.com](mailto:nickieirvine@gmail.com)

Three census periods are included for your information (Summer Apr-Oct, Fall Oct-Apr, and Year Apr-Apr). If you don't remember the date, try to mark the correct period.

### **COLONY GAINS**

When you acquire a colony, please immediately record the date and where/ how you acquired it under the Action column, and record whether it was a split, package, nuc, swarm, or bait hive.

Note that the date you list should be the date that the colony is queenright, so wait till you see brood or a queen before noting the date for a split you might make.

If you combine two colonies, record the colony that retains the queen under Colony Gains, and the one where the queen is replaced under Colony Losses.

To help keep track of the source of queens in our area, record and date when your colony gets a new queen you bought or raised yourself, and record if you notice that your queen superseded. Once again, use the in the Action column and keep records of the source.

### **COLONY LOSSES**

If a colony leaves your care or dies, mark/ date this loss under the Action column. Also if you combine this colony with another and replace the queen, indicate the combine for this hive under colony losses.

### **TREATMENTS**

Record if used any applied treatments (including biological treatments, such as oxalic acid, MAQs; soft treatments like essential oils or powdered sugar; or synthetic treatments. Note also if you are a no-treatment beekeeper. The Key that accompanies the collection form provides a list of the treatments that are included in the drop-down menu in the census. If it is easier to fit your information, you can use the accompanying Key code for the treatment used and the date it was applied under the Action column.

There is also a Key and code for Management Treatments you may have used such as survivor queens or queens that exhibit pest/ disease resistant behaviors, drone culling, or splitting your colony and allowing it to raise a new queen to create a broodless period. Record any other management treatments you may use that are not on the list.

### **HIVE TEMPERAMENT**

We would like to know whether our rates of defensive colonies are on the rise or not. Please note if each colony is Gentle, Occasionally Defensive or Extremely Defensive.