The BeeMD

Photos Needed

<u>Adult</u>

Drones

- 1. Drone flying in and out of the colony
- Numerous drones trapped above the queen excluder
- 3. Workers grooming drones

Queen

- Dead queen on ground outside of colony
- Living queen on ground outside of colony
- 6. More than one queen
- Paint present on queen's head or abdomen
- 8. Queen missing entire wing
- 9. Queen moving poorly
- 10. Queen "passes out"
- 11. Queen seen flying into hive
- 12. Queen seen flying out of hive
- 13. Small stubby queen
- 14. Two laying queens present

Workers

- A lot of bees are flying around colony in the late afternoon
- 16. Bee with enlarged abdomen
- 17. Bees appear greasy
- Bees appear paralyzed and unable to move
- 19. Bees attacking people beyond 5 m. from the colony
- 20. Bees exhibit singed wings
- 21. Bees fighting at hive entrances
- 22. Bees hairless
- 23. Bees moving abdomen rapidly up and down
- 24. Bees seem frantic when moving on the frame, and more defensive than normal
- 25. Bees unable to fly
- Defensive bees following you away from apiary
- 27. Dense ball of workers around a queen
- 28. Foragers gathered in heap where colony used to be
- 29. Missing legs
- Numerous bees defensively coming out of the entrance when you start to manipulate
- 31. Tattered wings
- 32. Trembling bees
- 33. Wings are unusually opaque
- 34. Workers face to face (feeding) drones
- 35. Workers face to face (feeding) the queen
- 36. Yellow strip on top of thorax

Brood

- 37. Liquid in open cells, drips if frame is shaken
- 38. Wax is dark in coloration

Capped Cells

- 39. Cell filled with sticky liquid
- 40. Greasy cappings
- 41. Pupae under cappings have white eyes
- 42. Small, black debris on capping
- 43. Sweating capping
- 44. Wax capping over cell, often light in color

Queen Cells

- 45. Eggs/larva present only above queen excluder
- 46. Numerous queen cells opened at side
- 47. Queen cells lining perimeter of frame

Honey Supers

48. Honey Supers

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Photos Needed

Colony

Colony Brood

- 49. Brood cappings uneven
- 50. Eggs/larva present only above queen excluder

Colony wide

- 51. A swarm of bees is moving into an occupied colony
- 52. Bees dragging dead larvae and pupae out of the colony
- 53. Bees grouped tightly together in colony
- 54. Bees not clustering despite cold
- 55. Bees rapidly moving abdomen side to side while on face of comb

Honey

56. Wax is dark in coloration

Internal

- 57. Liquid in open cells, drips if frame is shaken
- 58. Spiders under the telescoping cover of the colony
- 59. Tunnels and grooves inside the hive on the colony's woodenware
- Wax being built between frames or between frames and supers

Honey

61. Honey Supers

Honey and Brood Area

- 62. Area of removed comb in the same area over multiple frames
- 63. Brood cappings uneven
- 64. Fungus/mold on wax
- 65. Small, black debris on capping
- 66. Wax is dark in coloration

Unidentified Beetle

- 67. Bees surrounding small hive beetles
- Honey bees face to face (feeding) small hive beetles
- 69. Small black beetles

Unidentified Object

- 70. Cockroaches under the telescoping cover of the colony
- Scorpions under the telescoping cover of the colony

External

 A lot of bees are flying around colony in the late afternoon

Bottom Board

73. Standing water on the bottom board of the colony

Ground

- 74. Bees wandering on ground in front of colony
- 75. Many dead bees on ground outside of colony

Hive Body

- 76. Bees hanging off of hive entrance
- 77. Cover and hive parts difficult to separate
- 78. Frames rattle when shaken
- 79. Small pellet of packed colored powder falling out of frame when turned on side

Landing Board

80. Foragers gathered in heap where colony used to be