

## Spruce Valley Ranch Forest Health Survey Fall 2014

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There are two issues that have risen in the SVR survey this year.

One, there have been a number of lodgepole pines that appear to have been attacked by IPS beetle. These trees are mostly smaller in diameter and show sign of brown needles starting at the top of the tree and working its way down.

Two, some large spruce trees have shown signs that they are being attacked by spruce beetle. A few spruce trees were removed this summer that had spruce beetle in them. The newly hit trees are in the same vicinity.

There are also a few trees that don't have any signs of beetle infestation but have just died.

### Survey results:

1. Open space, 3 trees. Area at beginning of Mt. Argentine road. 3 huge trees on outside of the first turn. These trees have Spruce beetle in them.
2. Open space, same as above but on inside of the first turn. 5 dead trees. These have been dead for at least 1 year. These trees appear to have died from Spruce beetle.
3. Open space, same as 1 but further down the road. 3 trees. One of these trees is a new blowdown. Blowdown should be removed promptly as Spruce beetle are attracted to new blowdown.
4. Soukop property, 6 trees. Large spruce trees with spruce beetle infestation. 3 of these trees have been dead for at least one year.
5. Open space, 7 trees. Area between Mt. Argentine and horse stables on the low side of the road. Lodgepole trees that are dying from the top

down. Appear to have IPS beetle. Some don't have signs of beetle infestation but are dying.

6. Holland property, 16 trees. Mostly small trees that are dying from the top down. Some appear to have IPS beetle while others don't appear to have beetles but are still dying. All trees are located along the road on the northeast corner of the property.
7. Open space, area that follows creek from Holland property to behind Hamilton and Guerra. 24 trees. Mostly small trees that are dying from the top down. Some appear to have IPS beetle while others have just died. Marked trees are spread throughout this parcel.
8. Hamilton property, 10 trees. Small trees that appear to have IPS beetle. Marked trees are near edge that borders open space.
9. Guerra property, 6 trees. Small trees that appear to have IPS beetle. Marked trees are near edge that borders open space.
10. Malcolm property. 5 trees. IPS beetle. Marked trees are on southeast side of the property.
11. Giuntini property. 20 trees. 5 of these trees show signs of Mountain Pine beetle, they are located straight east of the house next to the Blue River trail. 15 trees show signs of IPS beetle. They are located mostly around the house/driveway.
12. Open space, 3 trees. Signs of MPB, located next to the Guintini marked trees next to Blue River Trail.
13. Ware property. 2 dead trees. Located south of the main house. Signs of MPB.