

Global Forest Link

Torrey Pines State Reserve
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What do your photos show?

In all of our photos, you can see that there are brown, dead pine needles covering the floor. Piles on top of piles of these dead needles surrounded the State Reserve. There's also a lack of trees despite it being a forest. In addition to trees, we spotted cacti several times during our trip.

What can you infer about the condition of the forest from looking at them?

Although San Diego is not in a drought anymore, the drought from years past may have affected the longevity and health of the forest. Because of the abundance of cacti and brown foliage, we can infer that the Reserve does not receive enough precipitation or water in general.

What does GFW tell you about the forest?

GFW tells us that Torrey Pines State Reserve is a “Protected Area with Sustainable Use of Natural Resources”. Torrey Pines is surrounded by settlement which makes sense considering that it is a popular hiking spot among San Diegans. Although not depicted, Julie and I witnessed several pieces of garbage during our trip. Visitors/ hikers need to be aware of the need to help conserve this beautiful landmark.

What do other sources tell you about the forest?

The website of the Torrey Pines Reserve highlights that the extended drought and the presence of the bark beetle have resulted in the removal of trees. The drought also explains the dry environment which does not allow these plants to thrive.

After looking at all of these sources, what conclusion can you make about the forest?

The forest is suffering from drought and invasive species. Torrey Pines is a reserve which means that the remains of the trees that were cut down are left alone. Not enough care is put into maintaining the environment and the ecosystem.

Sources

“Due to the extended drought and the bark beetle, many trees were removed for either being a reservoir of live beetles or a safety hazard”.

Climatic conditions: long growing season / average temperature: 62 °F / Santa Ana winds / coastal fog

Plant communities: boundaries between plant communities but some overlap / the parameters include temperature, solar radiation, wind exposure, soil composition, salinity, moisture, and types of interacting organisms present.

Main plant communities

Torrey Pine Woodland

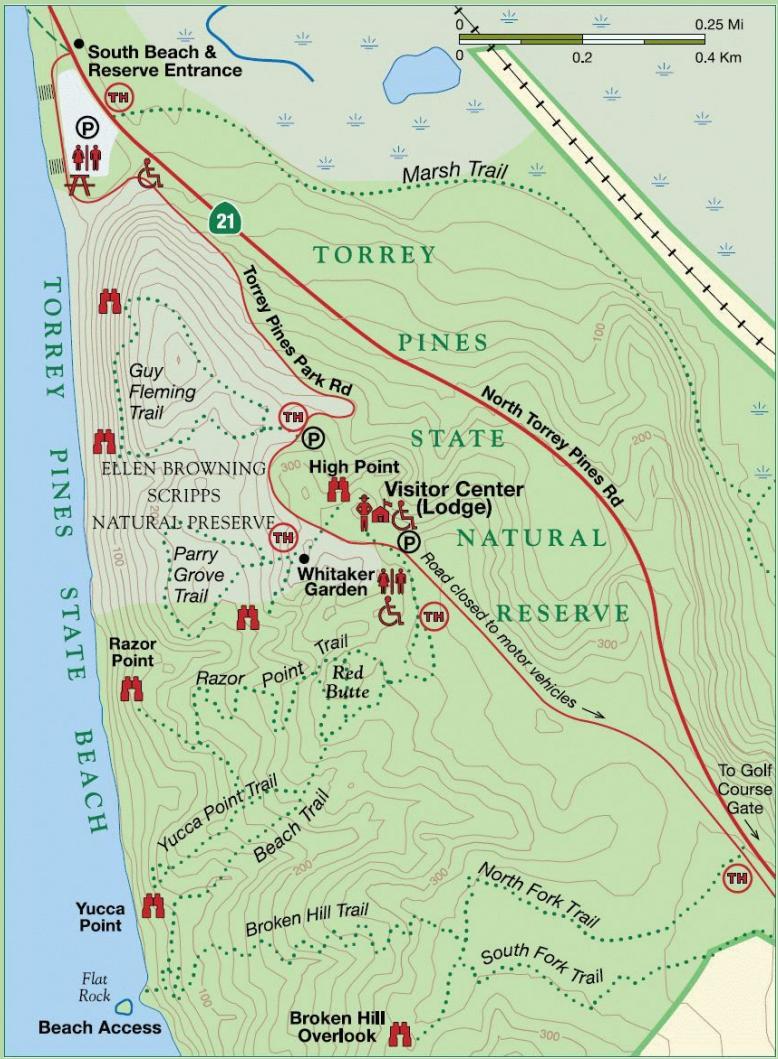
Chaparral

Coastal Sage Scrub

Coastal Strand

Salt Marsh

Maps



Bibliography

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