

Pitch Tubes

Southern Pine Beetle



Small “popcorn”
pitch tubes.
~1cm/0.5”

Usually 6-15’
above ground,
but can be
lower.

Dry/light in
appearance

Black Turpentine Beetle



Large reddish
warty pitch
tubes.
~3cm/ 1-2+”

Usually 0-6’
from ground

Red/dark/oozy
in appearance

Bark Tunnels

Southern Pine Beetle



Narrow S-shaped winding galleries

Galleries almost entirely in the phloem.



Black Turpentine Beetle



Wide shallow longitudinal galleries



