Figure C79. SEM micrograph of compressed mature southern pine, TRT1.

Figure C80. SEM micrograph of compressed mature southern pine, TRT1.
Figure C81. SEM micrograph of compressed mature southern pine, TRT1, showing multiple fractures in earlywood tracheids.

Figure C82. SEM micrograph of compressed mature southern pine, TRT1, showing cracks in the walls of latewood tracheids.
**Figure C83.** SEM micrograph of compressed mature southern pine, TRT1, multiple fractures in earlywood tracheids.

**Figure C84.** SEM micrograph of compressed mature southern pine, TRT1, showing failure of earlywood tracheids.
Figure C85. SEM micrograph of uncompressed mature southern pine, TRT1.

Figure C86. SEM micrograph of uncompressed mature southern pine, TRT1.
Figure C87. SEM micrograph of compressed mature southern pine, TRT2.

Figure C88. SEM micrograph of compressed mature southern pine, TRT2.
**Figure C89.** SEM micrograph of compressed mature southern pine, TRT2, showing separation between earlywood tracheids.

**Figure C90.** SEM micrograph of compressed mature southern pine, TRT2, showing multiple cracks in the tracheids walls.
Figure C91. SEM micrograph of compressed mature southern pine, TRT2.

Figure C92. SEM micrograph of compressed mature southern pine, TRT2.
**Figure C93.** SEM micrograph of uncompressed mature southern pine, TRT2.

**Figure C94.** SEM micrograph of uncompressed mature southern pine, TRT2.
Figure C95. SEM micrograph of compressed mature southern pine, TRT3.

Figure C96. SEM micrograph of compressed mature southern pine, TRT3.
Figure C97. SEM micrograph of compressed mature southern pine, TRT3.

Figure C98. SEM micrograph of compressed mature southern pine, TRT3, showing elastic collapse of the earlywood tracheids.
Figure C99. SEM micrograph of compressed mature southern pine, TRT3 (mostly elastic collapse).

Figure C100. SEM micrograph of uncompressed mature southern pine, TRT3.
**Figure C101.** SEM micrograph of uncompressed mature southern pine, TRT3.

**Figure C102.** SEM micrograph of compressed mature yellow-poplar (fully densified).