Figure C27. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT1.

Figure C28. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT1.
Figure C29. SEM micrograph of compressed mature yellow-poplar (4mm), TRT1.

Figure C30. SEM micrograph of compressed mature yellow-poplar (4mm), TRT1, showing cell wall collapse in radial direction.
Figure C31. SEM micrograph of compressed mature yellow-poplar (4mm), TRT1, showing multiple fractures in the cell walls.

Figure C32. SEM micrograph of compressed mature yellow-poplar (4mm), TRT1, showing collapse of the vessel walls and fractures in fiber tracheids.
**Figure C33.** SEM micrograph of compressed mature yellow-poplar (4mm), TRT1.

**Figure C34.** SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT1.
Figure C35. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT1.

Figure C36. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT1.
**Figure C37.** SEM micrograph of compressed mature yellow-poplar (4mm), TRT2.

**Figure C38.** SEM micrograph of compressed mature yellow-poplar (4mm), TRT2, showing elastic collapse of the vessel walls.
Figure C39. SEM micrograph of compressed mature yellow-poplar (4mm), TRT2, showing separation of the fiber tracheids.

Figure C40. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT2.
**Figure C41.** SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT2.

**Figure C42.** SEM micrograph of compressed mature yellow-poplar (4mm), TRT2.
Figure C43. SEM micrograph of compressed mature yellow-poplar (4mm), TRT2.

Figure C44. SEM micrograph of compressed mature yellow-poplar (4mm), TRT2.
Figure C45. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT2.

Figure C46. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT2.
Figure C47. SEM micrograph of compressed mature yellow-poplar (4mm), TRT3.

Figure C48. SEM micrograph of compressed mature yellow-poplar (4mm), TRT3.
Figure C49. SEM micrograph of compressed mature yellow-poplar (4mm), TRT3.

Figure C50. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT3.
Figure C51. SEM micrograph of uncompressed mature yellow-poplar (4mm), TRT3.

Figure 52. SEM micrograph of compressed mature yellow-poplar (4mm), TRT3.