

WOOD 280 - Reading List

These readings are not mandatory to pass this course. They have been compiled in response to past requests from students for some direction to additional material to supplement various sections of the course. In a few cases the readings indicated provide far more details than are required in WOOD 280, however, they are included for those students who would like to study the topics in more depth. More details on each of these textbooks are provided in the course outline. They are all in the Woodward Library on reserve under WOOD 280 (except the first one that might be under WOOD 474).

- Forest Products and Wood Science *by* Haygreen and Bowyer
- Identifying Wood *by* Hoadley (a)
- Science and Technology of Wood *by* George Tsoumis
- Textbook of Wood Technology *by* Panshin and de Zeeuw
- The Anatomy of Wood *by* Wilson and White
- Understanding Wood *by* Hoadley (b)

| Topic | Text | Chapter/Pages |
|------------------------------|----------------------|-------------------|
| Wood characteristics | Panshin and de Zeeuw | Chapter 1 |
| Tree growth & wood formation | Tsoumis | Chapter 5 |
| | Haygreen and Bowyer | Chapter 1 |
| Wood anatomy | Hoadley (a) | Chapters 2, 3 & 4 |
| | Tsoumis | Chapter 3 |
| | Wilson and White | Chapters 4 & 5 |
| | Haygreen and Bowyer | Chapters 4 & 5 |
| Chemistry/ultrastructure | Tsoumis | Chapter 4 |
| | Wilson and White | Chapter 6 |
| | Panshin and de Zeeuw | Chapter 3 |
| Juvenile wood | Wilson and White | Chapter 9 |
| | Haygreen and Bowyer | Chapter 6 |
| Reaction wood | Wilson and White | Chapter 9 |
| | Haygreen and Bowyer | Chapter 6 |
| | Hoadley (a) | Pages 54-57 |
| Figure | Panshin and de Zeeuw | Pages 37-48 |
| | Hoadley (b) | Chapter 2 |
| Knots | Hoadley (b) | Pages 26-28 |
| Silviculture/wood properties | Haygreen and Bowyer | Chapter 12 |