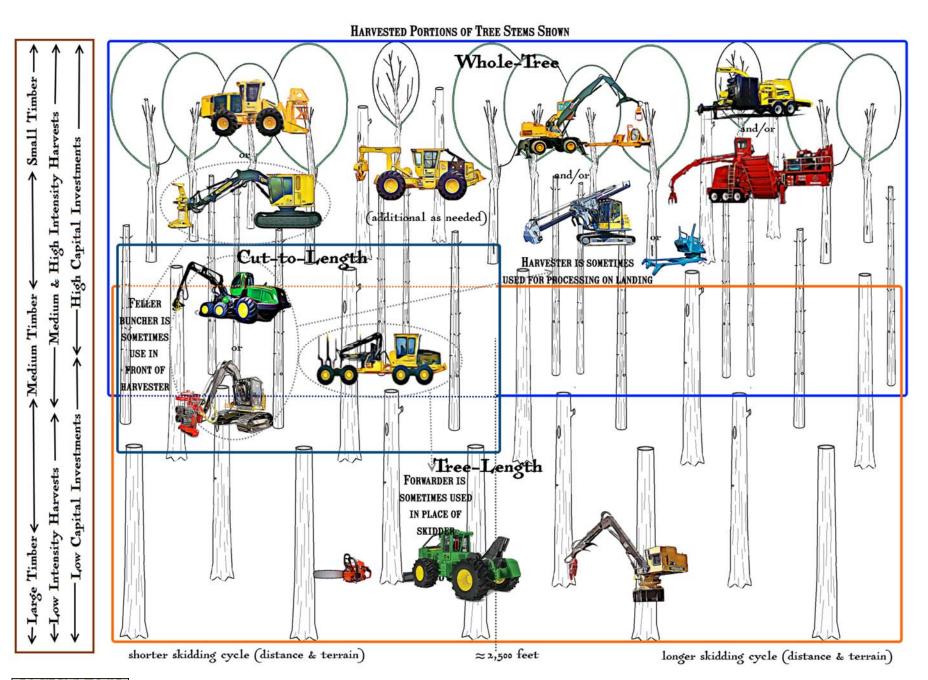
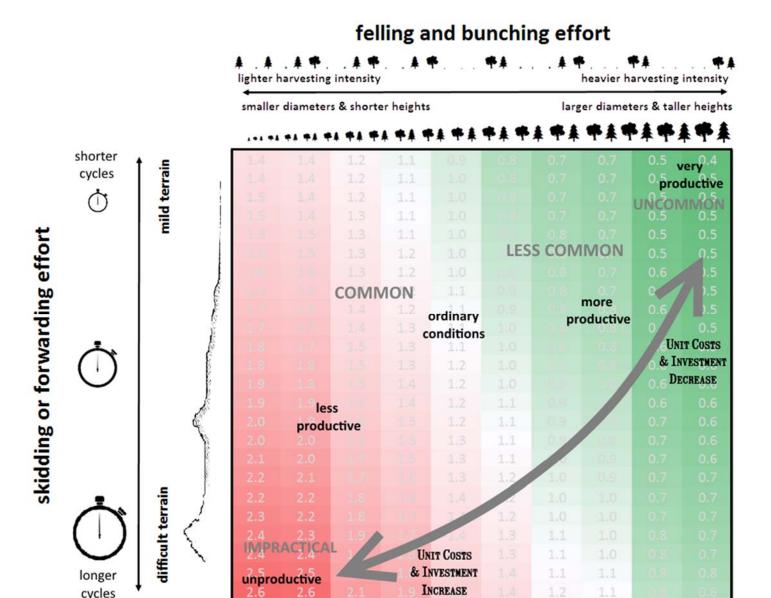
TIMBER HARVESTING SYSTEMS IN THE NORTHEASTERN US



NORTHEASTERN LOGGING PRODUCTIVITY SPECTRUM



LOGGING PRODUCTIVITY IS THE RELATIONSHIP BETWEEN OUTPUT (TONS, CORDS, MBF, LOADS) AND EFFORT (PRODUCTIVE MACHINE HOURS)

Notes:

- 1. FELLING AND BUNCHING PRODUCTIVITY IS INFLUENCED BY TIMBER SIZE, HARVESTING INTENSITY, TERRAIN AND OPERATOR SKILL.
- 2. SKIDDING AND FORWARDING PRODUCTIVITY IS INFLUENCED BY DISTANCE, TERRAIN, BUNCH (OR LOAD) SIZE, FELLING & BUNCHING PRACTICES AND OPERATOR SKILL.
- 3. Timber size and harvest intensity can compensate for skidding difficulty.
- 4. SKIDDING DISTANCE CAN COMPENSATE FOR FELLING DIFFICULTY.
- 5. Excess skidding or felling capacity is used to achieve normal production rates on less productive sites.

