The tables of data given by Tredgold and others, in which more than 3000 pounds per square inch is given as the strain that timber will bear, is liable to mislead the inexperienced. The writer has observed that students, in making calculations from such data, often arrive at conclusions which a practical man would consider as superlatively ridiculous. Good specimens will bear for a short time even more than this, but great allowances must be made in practice.