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Keeping warm! Now that winter is about here, keeping warm is a major problem. If a house is tightly built, that is, has no cracks for the cold outside air to get in and the warm inside air to get out much is accomplished. But, in addition, means must be used to prevent the heat energy of the inside air and walls to flow outward through walls and roof. The best heat insulators are fluids. Air is one of the best, but to be effective it should be confined in very small pockets so it will not circulate. There are many insulating materials for buildings and everyone knows how effective fur and wool are for body warmth. These are good insulators because they contain innumerable cavities or dead air spaces.
