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Hairy Fibers

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| **Across****3.** A slender threadlike object or fiber, especially one found in animal or plant structures.**7.** Air sacs contained within the cortex**9.** The study of form and structure**10.** The sub-layer of skin**11.** (in weaving) the crosswise threads on a loom over and under which other threads (the warp) are passed to make cloth.**15.** Outside covering of the hair shaft**16.** Spongy interior core of hair**17.** Complex cross linked proteins**18.** Period in which the hair grows**19.** A link between an unknown sample and known evidence.**21.** One-millionth of a meter or one thousandth of a millimeter(mm).**23.** A fabric made up of two or more different parts**25.** The tough protein polymer that makes up the protein cortex | **Down****1.** Term used in forensics to describe a sample of known origin**2.** A natural pigment found in the skin**4.** Molecule consisting of many repeating identical units**5.** Hair style with an oval cross section**6.** Hair style that has a crescent moon shape**8.** Outermost layer of skin**12.** Period in which the hair dies**13.** Cloth, typically produced by weaving or knitting textile fibers.**14.** Term used in forensics to describe a sample of unknown origin**20.** Middle layer that provides strength to the hair**22.** Period of intermediate period of hair growth; lasting about 3 weeks**24.** This is found in every hair root |