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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 |