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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Hairy Fibers

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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2M |  |  X |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3F |  I |  L |  A |  M |  E |  N |  T |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  A |  |  P |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4P |  |  |  |  |  |  |  |  N |  |  L |  |  | 5C |  | 6K |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  O |  |  |  | 7C |  O |  R |  T |  I |  C |  A |  L |  F |  U |  S |  I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  L |  |  |  |  |  |  |  |  N |  |  R |  |  |  R |  |  N |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  M |  | 8E |  | 9M |  O |  R |  P |  H |  O |  L |  O |  G |  Y |  |  Y |  |  |  |  |  |
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|  |  |  |  |  |  |  | 10D |  E |  R |  M |  I |  S |  | 11W |  E |  F |  T |  | 12T |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 15C |  U |  T |  I |  C |  L |  E |  |  A |  | 16M |  E |  D |  U |  L |  L |  A |  |  |  U |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  R |  |  B |  |  |  |  |  |  O |  |  |  |  |  E |  |  |  |  |  |
|  |  |  |  |  |  |  | 17P |  O |  L |  Y |  M |  E |  R |  |  | 18A |  N |  A |  G |  E |  N |  |  |  S |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  I |  |  I |  |  |  |  |  |  E |  |  |  |  |  T |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 19A |  S |  S |  O |  C |  I |  A |  T |  I |  O |  N |  |  | 20C |  |  I |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  | 21M |  I | 22C |  R |  O |  M |  E |  T |  E |  R |  |  N |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 25K |  E |  R |  A |  T |  I |  N |  |  |  |  |  |  |  |  |  |
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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 |