

“ WHICH PECULIARITY
OF RETILARIANS DO
RESEARCHERS AND
TECHNICIANS TRY TO
IMITATE? ”

- A: Spider silk
- B: Spider saliva
- C: The particular colouring of spiders
- D: The joints of spiders' legs



Please use
the grey stamp!

“ RETILARIANS can spin up to
7 different threads. ”



Please use
the white stamp!



The peculiarity that is **SPIDER SILK** has captivated researchers for many generations!



Wasp spiders belong to the same genus as orb-weaving spiders. This means that they build a web from spider silk. Then the spiders sit in the web and wait for an insect to fly unsuspectingly into the web and get caught in it. Compared with steel, spider silk is four times as resistant. It can be stretched by three times its length without tearing. Thanks to

these two properties, the spider's web manages to survive the impact of a flying insect in most cases undamaged.

CLIMB AND FEEL LIKE A WASP SPIDER

There is a massive spider's web here just waiting to be conquered. But climbing is not your only task here. The aim is to hang motionless in the web just like a wasp spider and to watch out for any small movements the web makes, but with your eyes shut.

An accompanying person or your opponent taps the web lightly at any place, moving a rope slightly as a result. Your task is to sense at which place the vibration was triggered.

