



Snowpeople of the planet Nivalis

o you see that star,
there on the edge of the Milky

Way? That star is the sun, and there are many planets orbiting it.

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Layout design Sanna Saari-Vesterinen (also photo of page 66) and Salla Mehtälä English translation Kim Jaatinen

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Once upon a time there was a planet called Nivalis.



he inhabitants of Nivalis were snowpeople. Here is Nuoska waving his hand. Nuoska's best friend is Hile.





uoska thought the most fun was the downhill sledging. He was sledging at such a speed that the snow was swirling around him and his stomach was tingling.

One day, he was going too fast and hit a tree. "Ouch, that hurts!" Nuoska cried and held his forehead.

Luckily, the oldest person in the village, Kuura, happened to be nearby and rushed over when he heard Nuoska crying.





Still sniffling a little, Nuoska looked at the tree he had hit. "Kuura, couldn't that tree be cut down so I don't bump into it again?" he said, looking questioningly at Kuura.

Kuura was silent for a moment, thinking. "You know, we snowpeople have a very special relationship with trees," he finally said, and continued: "Would you like to hear a story about

the history of Planet Nivalis and the snowpeople?"
"A story, yes, please tell us!"
Nuoska and Hile chuckled in unison!

The origin of life on a snowy planet

long, long time ago, there were no trees on Nivalis, and no other life either," Kuura began the story. "A thick layer of snow covered the surface of the planet, like a great white blanket. In summer the blanket was pitted with holes, exposing the rocky ground, but in winter

the snow cover was thick and intact."

"So there were no trees?" Hile asked in amazement? "No, there weren't then," replied Kuura.

The planet was completely silent and lifeless. This silence lasted for a long time – hundreds of millions of years. One day, tiny living creatures appeared among the ice crystals.





"Is it worth it for the tiny little creatures to hang around all alone?" Kuura asked.
"No! There is power in cooperation," Hile knew.
"That's right!" confirmed Kuura.

And so these little creatures eventually worked so closely together that they merged. The first living creatures were plants with the ability to absorb the sun's energy.

"Oh, they were like little solar panels?" "Yes! They used sunlight, water that melted from the snow from time to time and gases from the atmosphere to live and grow," said Kuura.

Eventually, the plants grew larger and larger, and the first trees developed. The trees became forests. The forests became denser and the trunks of the trees thickened as more and more carbon was stored in the trees.





he first animals to evolve on the planet were herbivores. Snowhens and snowcocks ate tree needles and frost bees fed on the nectar and pollen of flowering plants.

"Snowcocks have a stern look on their faces. Are they angry?" Hile asked cautiously. "Snowcocks are very territorial. They settle territory boundaries with stern staring contests," Kuura explained.

