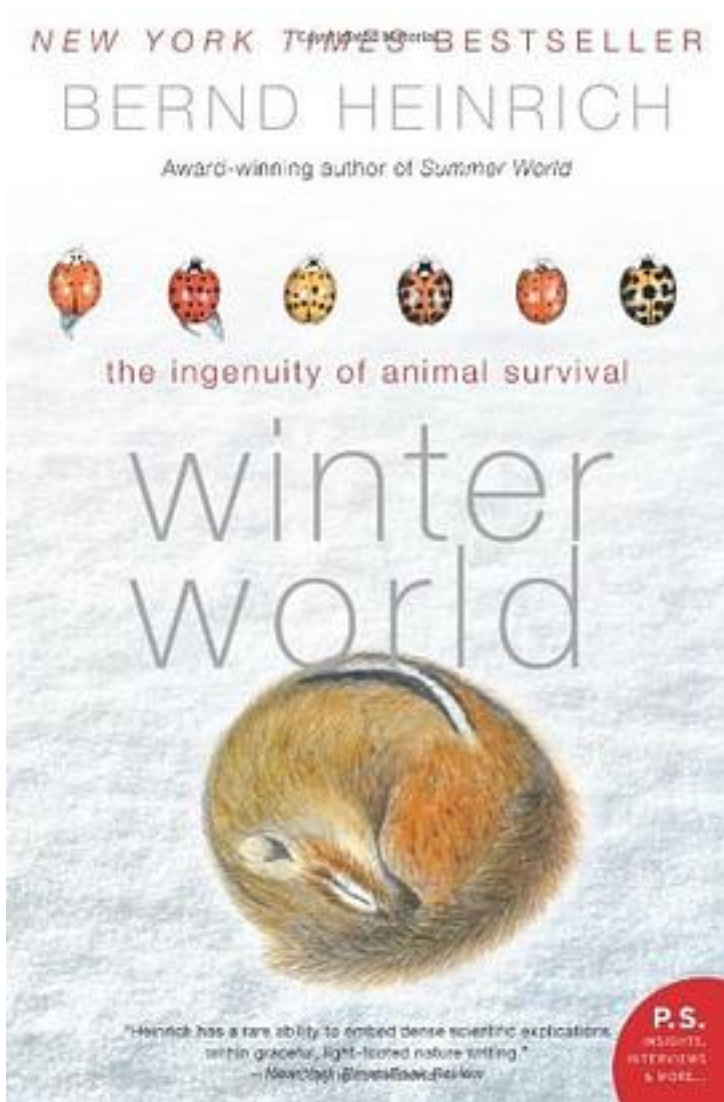


Winter World



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著者:Bernd Heinrich

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From flying squirrels to grizzly bears, and from torpid turtles to insects with antifreeze, the animal kingdom relies on some staggering evolutionary innovations to survive winter. Unlike their human counterparts, who must alter the environment to accommodate physical limitations, animals are adaptable to an amazing range of conditions. Examining everything from food sources in the extremely barren winter land-scape to the chemical composition that allows certain creatures to survive, Heinrich's Winter World awakens the largely undiscovered mysteries by which nature sustains herself through winter's harsh, cruel exigencies.

作者介绍:

The author of numerous bestselling and award-winning books, Bernd Heinrich is a professor of biology at the University of Vermont. He divides his time between Vermont and the forests of western Maine.

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标签

自然

科普

博物

biology

评论

十一月底看白头鹎们又开始集群狂吃金银木的红果，搞得满地狼藉，就想起再读读海因里希，鸟类和浆果之间的复杂关系并不亚于蜜蜂与花朵，但不如后者那么明显，因为表现这一关系的时间跨度是以季节而非分钟来计量的。读英文版更能体会到他的好文笔，还有幽默。By the end of January, those of us who live in the Northeast have been looking out on starkly bare trees for three months. “Only four more months,” we think, before the buds break and trees are again resplendent in green. 北境的漫长寒冬啊。

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书评

本书和其姐妹篇《[夏日的世界]》都值得强力推荐给博物爱好者。（给四星是因为翻译水平配不上这么好的原文。）

作为预热（或预冷），读者可以先花点时间，看看作者在导言部分提到的杰克伦敦的短篇小说《[生火]》。这个故事会让人对《[冬日的世界]》所描述的寒带和寒温带有点感...

初中的时候，我家房头上有棵榆树。夏天,榆树上碗大的伤疤，流出粘稠的树液，引得橙黑相间的毛虫相聚吸食。虫子太多太密集，颜色太惊悚，即使没有密集恐惧症的人，也会觉得后背发凉，头皮发麻，而且它们还不停蠕动……毛虫后来化成橙黑相间的蝴蝶倒不讨厌，但食性一致，腐烂的树...

大半辈子都活在温热南方都市的我，实在难以想象那些在北方零下几十度的动物们是怎么挺过来的。诸路大神各出奇谋，超冷（降低血液凝固点），颤抖反应（一直抖动身体以维持生命机能）、制造抗冻剂、甚至主动让身体缓慢结冰以避免骤然冰凝刺穿细胞而死。更多地是用生命博弈，为了...

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