Spore-bearing fungal parasites emerge from the digested corpses of three bdelloid rotifers. These freshwater invertebrates (length <0.5 millimeters) present an evolutionary puzzle because they have reproduced without sex for millions of years but have not been driven extinct by relentlessly coevolving parasites. Bdelloids can escape fungal parasites in space and time through complete desiccation and dispersal by wind to uninfected habitats. See page 574.

Image: Kent Loeffler, Kathie T. Hodge, Chris Wilson
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Foam model may clarify origin of bird flight.

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Similar genetic changes helped echolocation evolve in disparate species.

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L. de Diego et al.
The structure of the death-associated protein kinase and calmodulin complex reveals how calmodulin binding leads to kinase activation.

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RACK1 dictates the response of the intracellular stress sensor IRE1α to different extracellular stimuli.

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