Charles Darwin’s abiding interest in the classification of barnacles, illustrated here, was one of the inspirations for his investigations into the origins and diversification of species. *Science* marks Darwin’s 200th birthday with a special section on speciation beginning on page 727.

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J. X. Mitrovica et al.
An uneven pattern of local sea-level rise would result from the collapse of the West Antarctic Ice Sheet.

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M. R. Krumholz et al.
Numerical simulations show that instabilities can channel gas into growing massive stars despite their high radiation pressure.

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757 Confined Crystallization of Polyethylene Oxide in Nanolayer Assemblies
H. Wang et al.
Squeezing ultrathin polymer layers can induce crystallization and decrease their gas permeability.

758 Queen Ants Make Distinctive Sounds That Are Mimicked by a Butterfly Social Parasite
F. Barbero et al.
Sounds made by queen ants denoting rank are copied by the larvae and pupae of a parasitic butterfly, facilitating their infiltration into ant colonies.

759 Evolution of the Drosophila Nuclear Pore Complex Results in Multiple Hybrid Incompatibilities
S. Tang and D. C. Presgraves
Nuclear pore complex proteins are involved in lethal gene interactions in Drosophila melanogaster–D. simulans species hybrids.

760 Nitrogen-Doped Carbon Nanotube Arrays with High Electrocatalytic Activity for Oxygen Reduction
K. Gong et al.
Carbon atoms in nanotubes are activated by nitrogen doping and catalyze oxygen reduction at high pH.

761 Anomalously Metal-Rich Fluids Form Hydrothermal Ore Deposits
J. J. Wilkinson et al.
The metal contents of the fluid inclusions that create lead–zinc ores have been drastically underestimated.

762 Stability Predicts Genetic Diversity in the Brazilian Atlantic Forest Hotspot
A. C. Carnaval et al.
Modeling ecological niches under past climates establishes a method to improve prediction and protection of tropical biodiversity hotspots.

763 Signature of the End-Cretaceous Mass Extinction in the Modern Biota
A. Z. Krug et al.
Increased rates of marine bivalve speciation after the Cretaceous-Tertiary extinction were most marked in the tropics.

764 Orc1 Controls Centriole and Centrosome Copy Number in Human Cells
A. S. Hemerly et al.
A DNA replication factor ensures that only two centrioles are formed during cell division in animal cells.

765 Platelets Kill Intraerythrocytic Malarial Parasites and Mediate Survival to Infection
B. J. McMorran et al.
Mouse and human platelets bind malarial-infected red cells and kill the parasite within.

766 Sequential Sympatric Speciation Across Trophic Levels
A. A. Forbes et al.
A host shift by a fly is causing its wasp parasite to undergo changes leading to speciation.

767 Function of Mitochondrial Stat3 in Cellular Respiration
J. Wegrzyn et al.
A protein that has a nuclear function as a transcription factor also functions to support respiration in the mitochondria.

768 Queen Ants Make Distinctive Sounds That Are Mimicked by a Butterfly Social Parasite
F. Barbero et al.
Sounds made by queen ants denoting rank are copied by the larvae and pupae of a parasitic butterfly, facilitating their infiltration into ant colonies.

769 Changes in Cortical Dopamine D1 Receptor Binding Associated with Cognitive Training
F. McNab et al.
Training of working memory alters brain biochemistry by changing the density of cortical dopamine receptors.

770 Axon Regeneration Requires a Conserved MAP Kinase Pathway
M. Hammarlund et al.
Axon regeneration in adult nematode worms has distinct signals that are independent of earlier developmental programs.
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