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Cover: A hatchling loggerhead sea turtle (*Caretta caretta*) emerges from its nest on the beach and immediately crawls to the sea, where it begins a migration across the Atlantic ocean. Turtles follow the path of the North Atlantic gyre, a current system that encircles the Sargasso sea, and individuals that stray outside this route likely die. Fuxjager et al. (pp. 2504–2508) show that newly hatched loggerheads are capable of using an extensive set of regional geomagnetic fields along their migratory pathway, but not outside of it, as navigational markers to prevent them from leaving the gyre system. Photo credit: Matthew Fuxjager.

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