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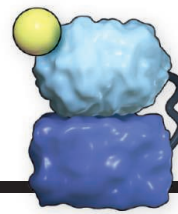
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PHOTO: (MIDDLE) LUKE SEITZ/WWW.LUKESEITZART.COM

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Riboswitch-based regulation

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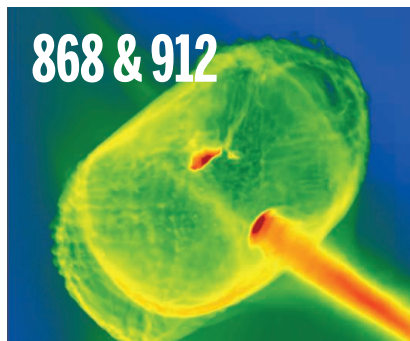
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Tropical corals and reef fishes (like the fish *Priacanthus* sp. and the coral *Turbinaria mesenterina* shown here) are in global decline. Recovery in degraded reefs may be limited because

dispersing juveniles from these groups are attracted to chemical cues produced by organisms in healthy reefs and are repelled by cues from seaweeds in degraded areas. See pages 879 and 892. Photo: Tim Laman/*National Geographic Creative*

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