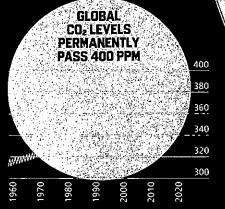
## The Pace – and Problems of Climate Change.

ONE OF THE mightiest El Niño patterns in memory brought unprecedented drought and flooding in 2016, the hottest year on record. The planet also passed a grim milestone; an atmospheric carbon dioxide concentration of 400 parts per million, including remote Antarctica, which hasn't seen that much CO<sub>2</sub> for 4 million years. Climatologists target 350 ppm as the uppermost threshold before we see dire consequences, like catastrophic sea level rise. Some locations previously had topped 400 ppm on a seasonal cycle, but scientists say this time it's permanent and global. - HRK BETZ

WESTERN DROUGHT Coes that El Nijo Would nij redicted precipitation didn't reach the West, By summer, the Sierra Nevada snowpack LA.s lifeblood was half of normal. New models show it won't recover until 2019, even with a few winters of heavy snow.

TINDER SNUB Another hot winter helped forest-eating southern pine beetles settle New England. And in California, beetles and drought have killed 66 million trees A small silver Ining A study in April found that under estain conditions dead trees killed by buds are Jess IIVely lo buin



SEE DISCOVER'S COMPLETE COVERAGE # OF 2016'S TOP CLIMATE STORIES

Record heat causes unprecedented coral reef die-offs.

SOUTHERN ENOSURE

Landmark study shows ozone hole is finally healing.

