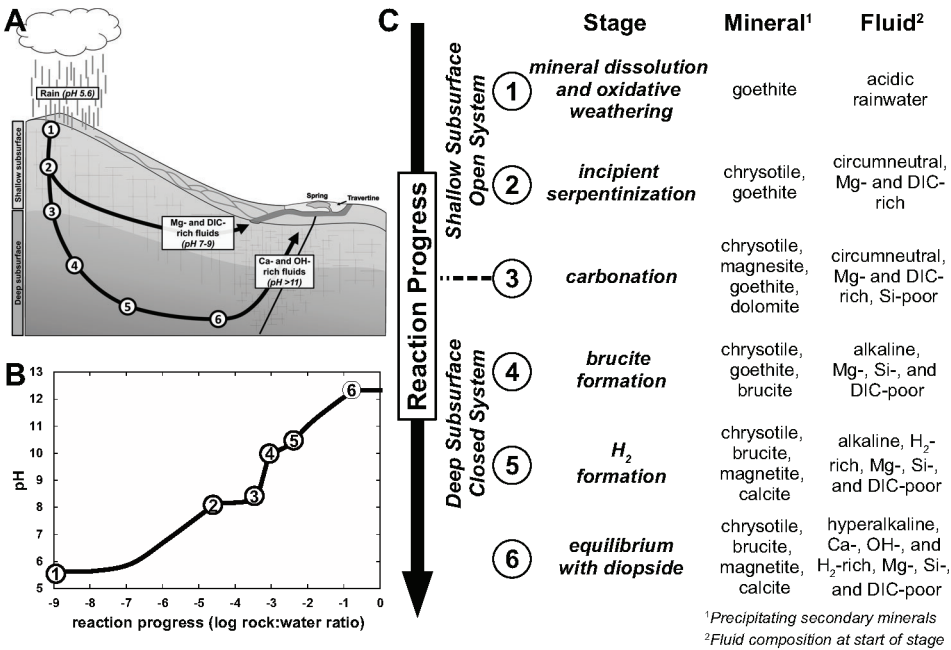


ESTABLISHED
IN 1818
BY
BENJAMIN
SILLIMAN

American Journal of Science

AN
INTERNATIONAL
EARTH
SCIENCE
JOURNAL

Mark T. Brandon, Danny M. Rye, and C. Page Chamberlain,
EDITORS



AMERICAN JOURNAL OF SCIENCE
KLINE GEOLOGY LABORATORY
YALE UNIVERSITY
NEW HAVEN, CONNECTICUT
AJSCAP 320(3) 185-312(2020)