Editorial  Poverty's Millionaires .......................... 1833

Articles  Cohesive Lift of Sap in the Rattan Vine: P. F. Scholander, E. Hemmingsen, W. Garey 1835
       The problem of how sap rises lies stranded for lack of means to measure negative pressure in liquids.

       The Search for Signals from Other Civilizations: S. von Hoerner .......................... 1839
       The waiting time for answers may be greater than the longevity of the technical state of mind.

       Denver: 128th Annual Meeting .......................................................... 1844

Science and the News  Science and Segregation: A Dilemma for the Anthropologists; Disarmament Agency: Off to a Slow Start 1868

Reports  Vocal Exchanges between Dolphins: J. C. Lilly and A. M. Miller 1873
       Bottlenose dolphins “talk” to each other with whistles, clicks, and a variety of other noises.

       Cutaneous Molt Induced by Calciphylaxis in the Rat: H. Selye, G. Gentile, P. Prioreschi 1876

       In vitro Culture of Pyrodinium: J. J. A. McLaughlin and P. A. Zahl 1878

       Effect of Enzymes on Partially Purified Japanese B Encephalitis and Related Arbor Viruses: M. Takehara and S. Hotta 1878

       Insecticide Content of Diet and Body Fat of Alaskan Natives: W. F. Durham et al. 1880

       Drug Resistance due to Inbreeding: N. Plotnikoff ........................................ 1881

       Effect of Meprobamate on the Multiplication of Brucella abortus in Monocytes: R. W. I. Kessel, J. Boughton, W. Braun 1882

       Abscission and Abscisin: A. C. Leopold and B. Rubinstein; W.-C. Liu and H. R. Carns 1883

       Responses of Retinal Ganglion Cells to Exponentially Increasing Light Stimuli: C. Enroth-Cugell and R. W. Jones 1884

Departments  Plant Geographers; Topology; Poultry Science; Forthcoming Events 1886

New Products ................................................................. 1899


Cover  One of the dunes in the Great Sand Dunes National Monument, near Alamosa, Colorado. [National Park Service]