This collection is comprised of the contents of a long-term exhibition assembled by the Biology Department and on display in Hall-Atwater Laboratory until 2003.

Edward C. Schneider was Daniel Ayers Professor of Biology at Wesleyan (1919-1945) and a founder of the field of aviation physiology. In 1911, as a faculty member at Colorado College, Schneider took part in a series of high-altitude experiments on Pikes Peak as part of a team led by the noted British Scientist J.B.S. Haldane. This collection includes samples of some of the breathing apparatus used by Schneider at this time and in later altitude experiments.

Box 1
- Biographical information
- Offprints
- 9 metal air valves and couplings
- 5 metal breathing mouthpieces

Box 2
- 3 Douglas Bags – a rubberized canvas breathing apparatus worn as a backpack. Stamped Davol Rubber Company, ca. 1911-1920s.