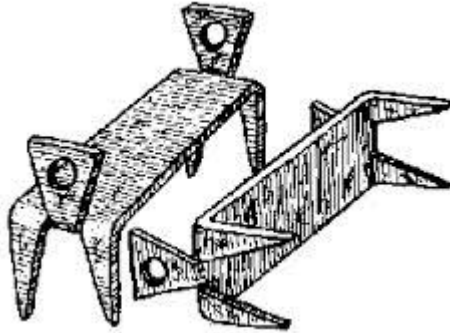
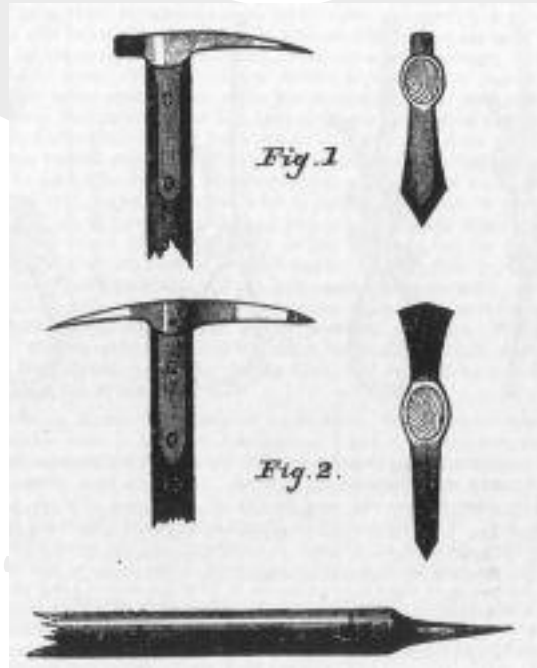


Rock Climbing through the Ages

Michael Firmin
UDLS: Feb 28, 2014



19th Century: The Alpine Shepherd



1854-1865: The Golden Age of Alpinism



Wetterhorn: Swiss Alps
First Ascent: Alfred Willis (1854)



Matterhorn: Pennine Alps
First Ascent: Edward Whymper (1865)

First Ascents of the Golden Age

- 1854 Königspitze, Monte Rosa (Ostspitze), Strahlhorn
- 1855 Mont Blanc du Tacul, Monte Rosa (Westspitze), Weissmies
- 1856 Aiguille du Midi, Allalinhorn, Lagginhorn
- 1857 Mönch, Monte Pelmo
- 1858 Dom, Eiger, Nadelhorn, Piz Morteratsch, Wildstrubel
- 1859 Aletschhorn, Bietschhorn, Grand Combin, Grivola, Rimpfischhorn, Monte Leone
- 1860 Alphubel, Blüemlisalphorn, Civetta, Gran Paradiso, Grande Casse
- 1861 Castor, Fluchthorn, Lyskamm, Mont Pourri, Monte Viso, Schreckhorn, Weisshorn, Weißkugel
- 1862 Dent Blanche, Dent Parrachée, Doldenhorn, Gross Fiescherhorn, Monte Disgrazia, Täschhorn, Zuckerhütli
- 1863 Bifertenstock, Dent d'Hérens, Parrotspitze, Piz Zupò, Tofane
- 1864 Adamello, Aiguille d'Argentière, Aiguille de Tré la Tête, Antelao, Balmhorn, Barre des Écrins, Dammastock, Gross Wannenhorn, Marmolata, Mont Dolent, Pollux, Presanella, Zinalrothorn
- 1865 Aiguille Verte, Grand Cornier, La Ruinette, Matterhorn, Ober Gabelhorn, Piz Buin, Piz Roseg

1869: George Anderson's Ascent of Half Dome

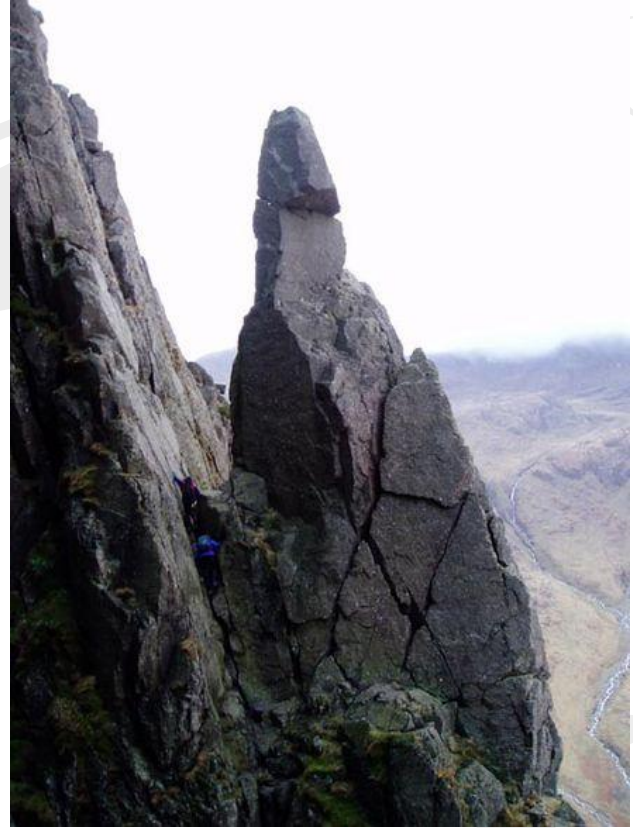


Half Dome, Yosemite National Park



1886: W.P. Haskett Smith ascends the Napes Needle

- Introduces the English to rock climbing as a sport



Napes Needle, Great Gable
English Lake District

1892: Oscar Eckenstein

- Balance in Rock Climbing
- Bouldering Competitions



Early 1900's



New designs for pitons introduced by Hans Fiechtl (1910)



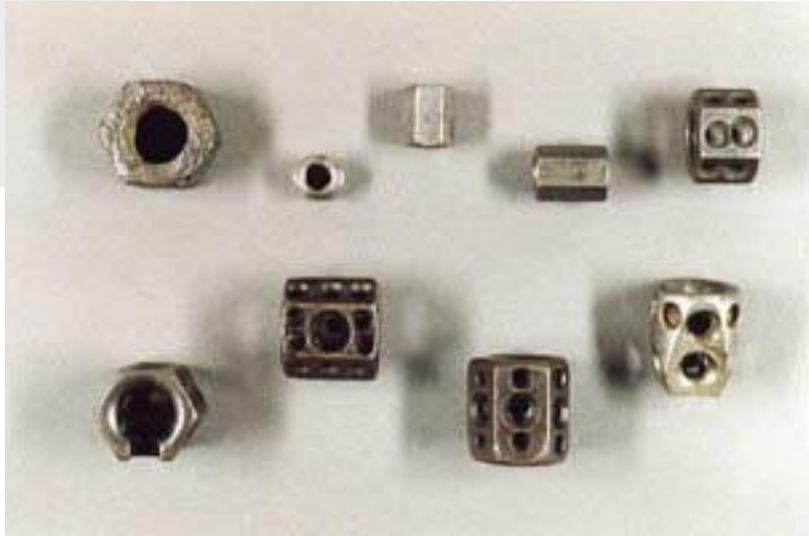
Hans Dulfer's
dulfersitz rappel (1910)



Carabiners: A History

Otto Herzog's Steel Carabiner
(1910)

1900's

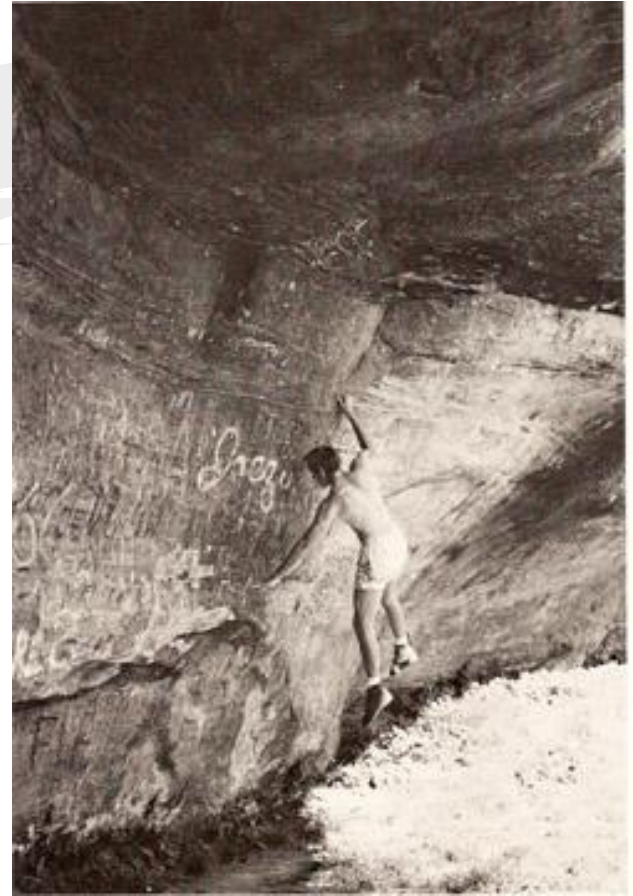


1927: Machine Nuts first used for protection on Clogwyn Du'r Arddu, Snowdon, Britain



John Earnshaw Spuds (1963)

1955: John Gill - Chalk and Modern Dynamics



1958: Warren Harding Ascends the Nose



El Capitan, Yosemite Valley



1978: Ray Jardine's Spring-Loaded Camming Device



1980: Boreal Introduces The *Fire*



1983: Alan Watts Introduces Sport Climbing to US



Smith Rock, Oregon

Modern Climbing Gear



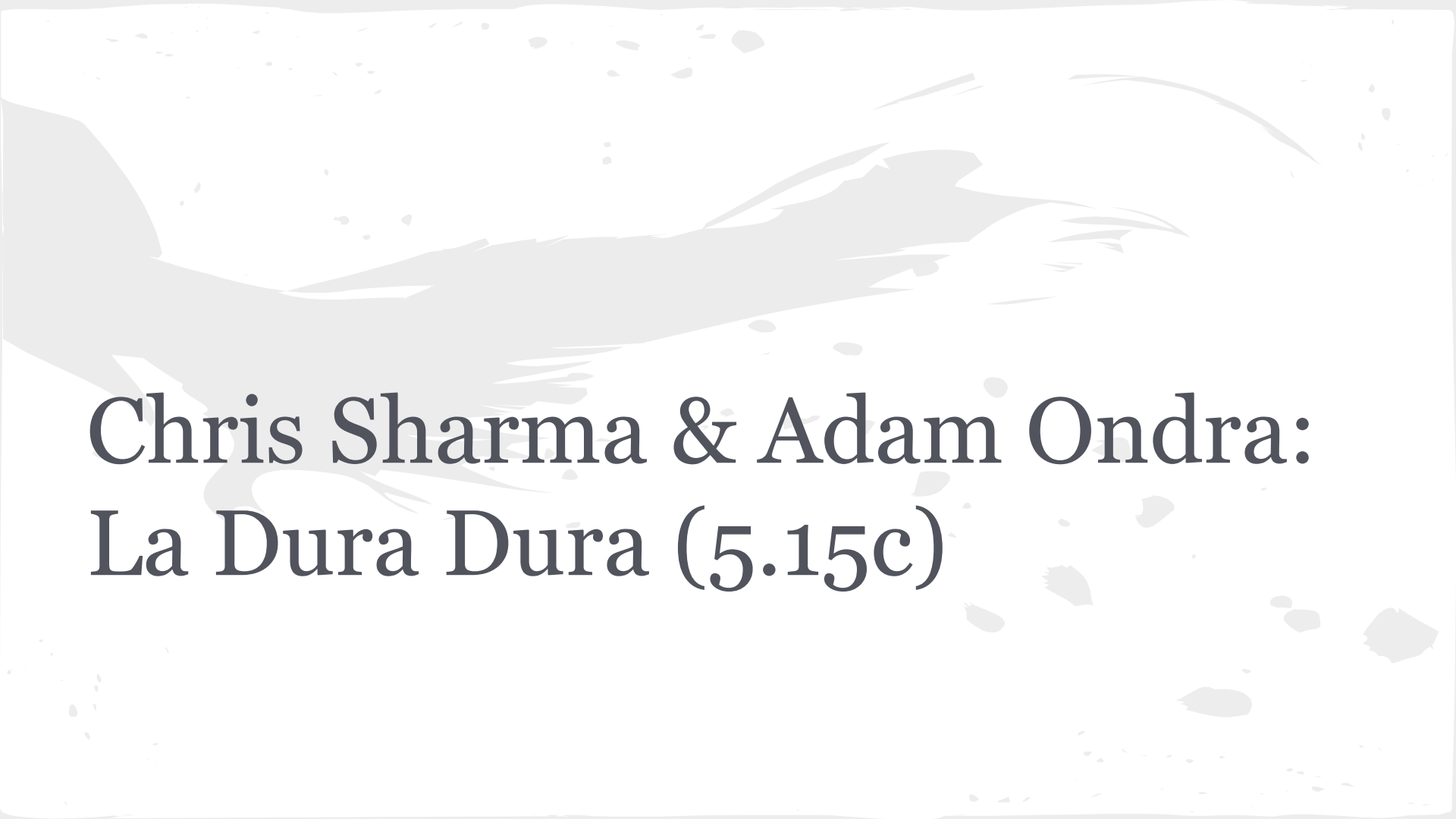
Climbing Squamish





Alex Honnold:
Free Solo of El Sendero
Luminoso





Chris Sharma & Adam Ondra:
La Dura Dura (5.15c)

