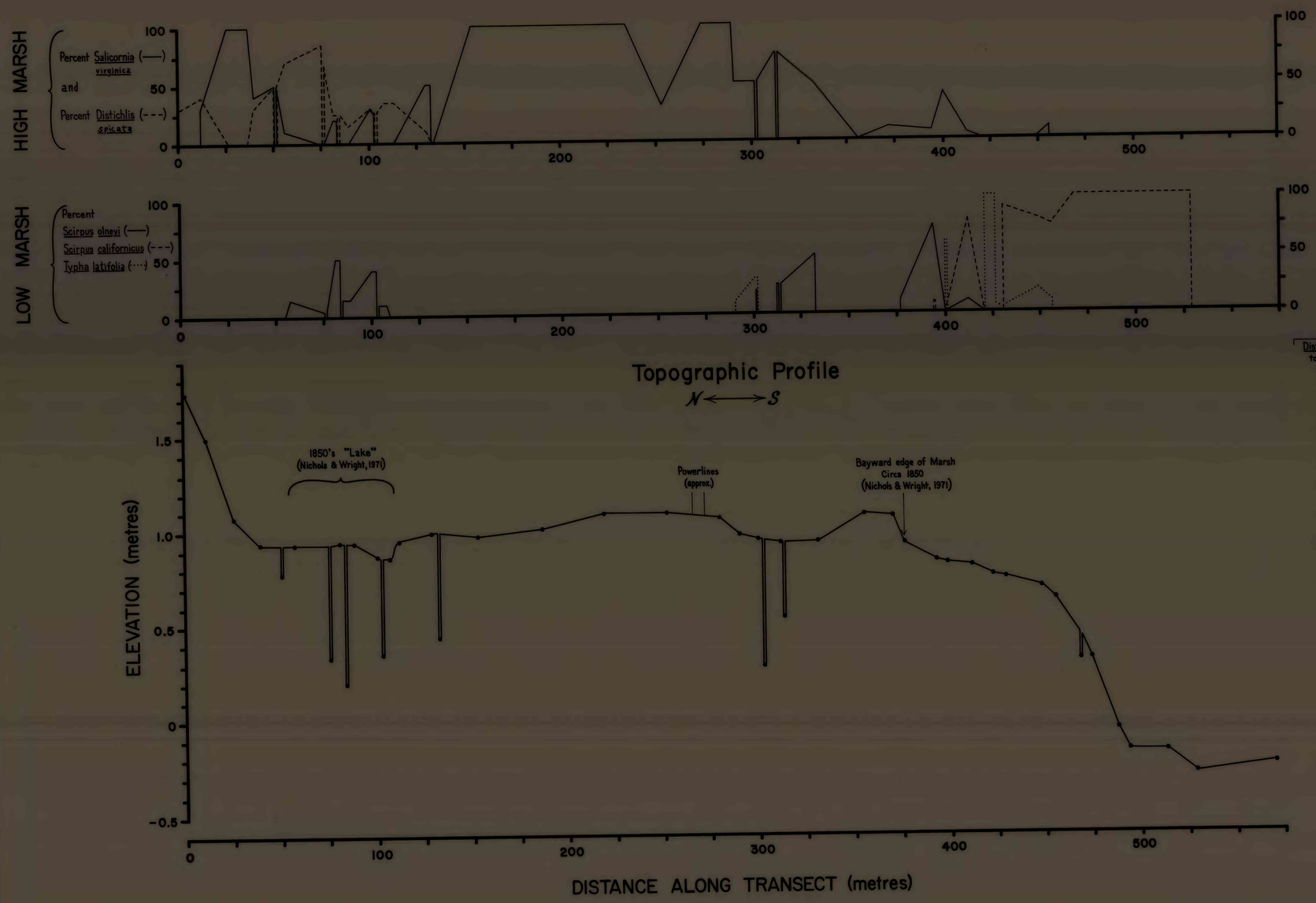
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN FILE REPORT
PLATE 6

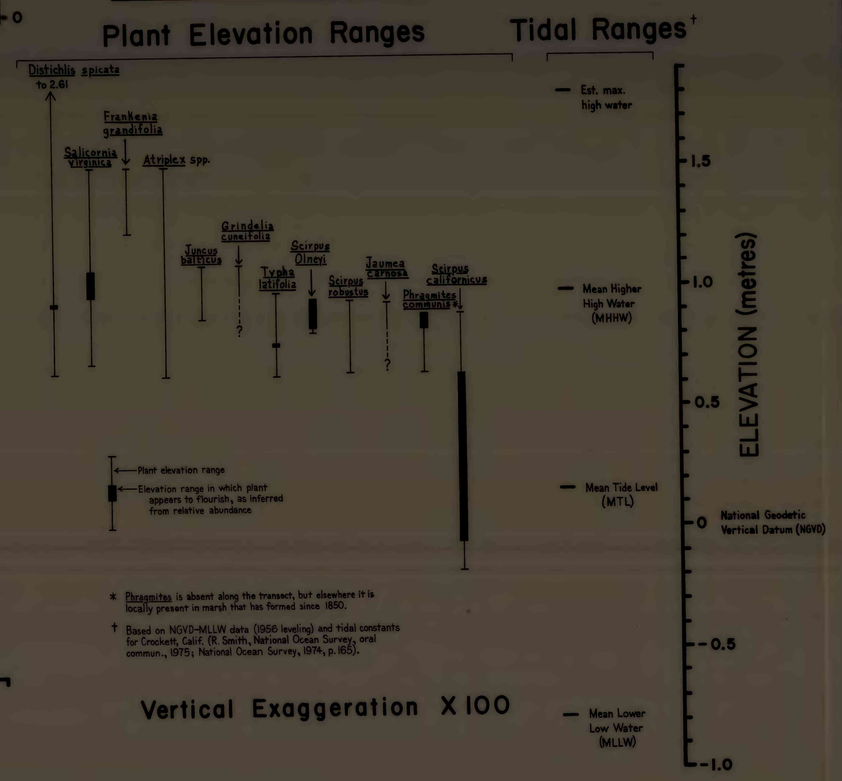
76-389

DISTRIBUTION AND ELEVATION RANGES OF MARSH PLANTS ALONG A LEVELLED TRANSECT, BENICIA STATE RECREATION AREA, CALIFORNIA



Field work done October 21-22, 1975.
Elevations referenced to U.S. Coast & Geodetic Survey bench mark C467, elevation 4.943 m (16.217 ft) in 1951. The National Geodetic Vertical Datum was formerly called the U.S.C.&G.S. sea-level datum of 1929.
Percentage abundance of plants at each point visually estimated from their areal abundance within a circle of 1-metre radius.
Locations of data points indicated by dots on topographic profile.

Drafting by *Stephen D. Tokio.*



* Phragmites is absent along the transect, but elsewhere it is locally present in marsh that has formed since 1850.

† Based on NGVD-MLLW data (1956 leveling) and tidal constants for Crockett, Calif. (R. Smith, National Ocean Survey, oral commun., 1975; National Ocean Survey, 1974, p. 165).

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.