## STATUS OF THE CALIFORNIA SHEEPHEAD (SEMICOSSYPHUS PULCHER) STOCK (2004)

Suzanne H. Alonzo

Center for Stock Assessment Research (CSTAR) and the Institute of Marine Sciences

University of California Santa Cruz

1156 High Street

Santa Cruz CA 95064

Meisha Key

California Department of Fish and Game

20 Lower Ragsdale Dr, Suite 100

Monterey, CA 93940

Teresa Ish

Department of Applied Mathematics and Statistics

Center for Stock Assessment Research (CSTAR) and Jack Baskin School of Engineering

University of California Santa Cruz

1156 High Street

Santa Cruz CA 95064

Alec D. MacCall

National Marine Fisheries Service

Southwest Fisheries Science Center

Santa Cruz Laboratory

110 Shaffer Road

Santa Cruz, CA 95060

EXECUTIVE SUMMARY	1
1. INTRODUCTION	2
2. HISTORY OF FISHERY	2
3. BIOLOGICAL INFORMATION	4
4. DATA SOURCES AND INITIAL ANALYSIS	8
5. SINGLE-SEX APPROXIMATION	12
7. STATUS OF THE STOCK AND PROJECTIONS	21
8. REVISED MODEL FOLLOWING THE PANEL REVIEW	22
9. ACKNOWLEDGEMENTS	27
10. REFERENCES	28
11. TABLES AND FIGURES	31
12. APPENDICIES	118



Paul Foretic © 2001