

**CALIFORNIA DEPARTMENT OF FISH AND GAME
STREAM INVENTORY REPORT**

Lytton Creek

Summary Revised April 14, 2006

Summary Completed 2005

Assessment Completed 2001

INTRODUCTION

A stream inventory was conducted during the summer of 2001 on Lytton Creek. The inventory was conducted in two parts: habitat inventory and biological inventory. The objective of the habitat inventory was to document the amount and condition of available habitat to fish and other aquatic species with an emphasis on anadromous salmonids in Lytton Creek. The objective of the biological inventory was to document the presence and distribution of salmonids and other aquatic species.

The objective of this report is to document the current habitat conditions and recommend options for the potential enhancement of habitat for Chinook salmon, coho salmon and steelhead trout. Recommendations for habitat improvement activities are based upon target habitat values suitable for salmonids in California's north coast streams.

WATERSHED OVERVIEW

Lytton Creek, located in Sonoma County, California, is a tributary of the Russian River. The legal description at the confluence with the Russian River is T9N, R9W, in the Sotoyome Rancheria. Its location is 38°39'34.00" N. latitude and 122°49'51.16" W. longitude. Year round vehicle access exists from Highway 101 near Jimtown on Alexander Valley Rd.

Lytton Creek and its tributaries drain a basin of approximately 6.272 square miles. Lytton Creek is a second order stream and has approximately 4.523 miles of blue line stream, according to the USGS Geyserville and Jimtown 7.5 minute quadrangles. There are no major tributaries to Lytton Creek. There is one large tributary 2.23 miles from the mouth, which is a perennial creek, according to the USGS quadrangles. Summer flow was not measured this year due to no water flow. Elevations range from about 157 feet at the mouth of the creek to 440 feet in the headwaters. Vineyard development dominates the watershed, but the upper watershed has zones of mixed conifer forest and mixed hardwood forest. The watershed is owned primarily by the private landowners and is managed for vineyard development primarily. The only sensitive plant listed from the CNPS Inventory and DFG's Natural Diversity Database within Sample watershed is Burke's Goldfileds(*Lasthenia burkei*).

The habitat inventory of Lytton Creek, on July 2, 2001, found the creek to be dry for the entire length of 9216 feet. Due to the lack of wetted habitat a full creek report was determined to be unnecessary.