



**Humboldt
Redwood™**

Bank Swallow Annual Report 2016

February 1, 2017



Cover photo: Potential bank swallow habitat along the lower Eel River (photo credit: HRC Forest Sciences).

Project Description

Title: Bank Swallow Surveys for Class I Water Crossings

Purpose: Habitat Conservation Plan (HCP) monitoring

Date Initiated: March 1999

Projected End Date: Ongoing

Manager: Sal Chinnici, Manager, Forest Sciences

Executive Summary:

The HRC HCP Section 6.7 (PALCO 1999), Bank Swallow Conservation Plan, requires that surveys be conducted where new road construction crossing low gradient Class I waters is planned and potential bank swallow (*Riparia riparia*) habitat exists within 200 feet. HCP objectives are twofold:

1. Avoid impacts to bank swallow nesting colonies on streambanks and hillsides.
2. Prevent nest colony establishment in stock-piled sand associated with instream mining operations.

No crossings were established in 2016 that required bank swallow surveys to be conducted. In addition, there was no stockpiled sand or gravel from gravel extraction operations during the bank swallow breeding period (May – June). Therefore, no bank swallow surveys were done in 2016 on HRC property.

No change in monitoring strategies or intensity is recommended at this time.

Project Manager / Primary Author



Sal Chinnici