

January - March, 2001 Progress Report

1:24K Fish Habitat Distribution Development Project

Administration:

Final interviews were conducted in mid-January to fill the Assistant Project Leader position. Michael Hogansen was selected among the final ten candidates. Michael began work on February 20th.

The position descriptions for the 24K GIS Coordinator and the four Field Data Compilers were drafted and approved, and the positions were announced during this quarter. We expect to conduct interviews for these positions in late April or early May.

A meeting was held with the 24K Project Oversight Committee to discuss the Pre-Project Information Workshop, data compilation protocols, project timelines and logistics, and progress report format. Also during this quarter, we discovered that the Interagency Agreement for this project stated that the period of the contract is from the signing date until June 30, 2001. ODFW's fiscal office is interpreting this to mean that all the OWEB and GNRO funds have to be spent by June 30, 2001, even though the text of the agreement clearly states the project will last two years. An amendment to extend the official ending date to December 2002 was requested and approved from OWEB.

The October – December Project Progress Report was completed and posted on our project web site during this quarter. The first email update was also distributed to twenty-two individuals who signed up to receive it. The initial response to this communication tool has been very favorable. Time was also spent this quarter on project logistics including ordering four project computers, arranging for project vehicles to be available once the field data compilers are hired and trained, and developing a preliminary project contact list of potential data providers.

Comments concerning the project scope and preliminary procedures continued to be compiled during this quarter. Potential solutions were drafted for many of the concerns. These will be reviewed and discussed at the upcoming Pre-Project Information Workshop. There continues to be a great deal of pressure from interested agencies and groups to include cutthroat trout in this effort. It's unclear at this time whether or not the original proposal can be modified to accommodate this need. A grant request was submitted to BPA under the High Priority Project solicitation process, but it is uncertain whether we will receive additional funding from BPA or any other source. If other funding is not identified, possible options include 1) reducing the geographic scope of the original project, 2) capturing cutthroat data on an ancillary basis as time permits, or 3) staying with the original scope of the project and continuing to seek additional funding to include cutthroat.

The agenda and format for the Pre-Project Information Workshop were finalized and posted on our project web site. Development of the PowerPoint presentation that will be given at the workshop was also started.

Efforts to develop an electronic data compilation tool continued during this quarter. The Oregon Dept. of Forestry's Image locator extension was successfully loaded into the ArcView component of the tool. This extension allows the user to create an index to the digital raster graphics (DRG), and then with the "image tool" the user can click anywhere on the view and that DRG will load into the view. This will save immense amounts of time when compared to the process of loading DRG images manually.

Project Web Site:

A total of 667 page views were recorded during this quarter on the 24K Project-related web pages.

Many updates and improvements were made to the project web site during this quarter:

- The Pre-Project Information Workshop page was updated with a revised agenda, and an online sign-up form was created for those who wished to register to attend the Workshop.
- The "Contacts" page was updated to include the new Asst. Project Leader.
- Update status map images for the six primary project data types were posted.
- A 24K Email Update sign-up form was created and posted.
- A link to the 24K Hydrography Development Project was added to the main page.

Fish Distribution:

In preparation for the upcoming field data compilation effort, the existing 1:100K distribution dataset (labeled version 4, which was created in June 2000) was updated to include the latest information. Significant changes were made in the Rogue and mid-coast basins, distribution was added in the Oregon portion of the Klamath Basin, and all coastal and Lower Columbia coho data were reconciled with the ODFW Aquatic Inventory Project coho data. As part of this effort, the metadata was also updated. The new data and metadata were posted on the ODFW FTP site, and the [GIS@ODFW](#) web site was modified to allow access to the new data.

Efforts to use the Mid-coast Rapid Bioassessment snorkel survey data to enhance existing or generate new distribution data continued. The Siskiyou National Forest streams data, which contain streams at scales larger than 1:24,000, was acquired along with the Siskiyou Forest fish distribution data.

Distribution Documentation:

Processing of the Mid-coast Rapid Bioassessment snorkel survey data and the Aquatic Inventory Project fish presence data to document new and existing fish distribution data in the mid-coast continued.

Life-stage Timing:

A number of documents containing timing-related information have been obtained through library literature searches and from ODFW offices. Information from these documents is being used to refine our initial attempt to identify timing periods, which was based on the closed periods identified in ODFW's In-water Timing Guidelines.

Periodicity charts (created in MS Excel, see Figure 1) for the upper John Day and Imnaha basins were populated using timing information from published documents. Ultimately, a Microsoft Access database structure will be developed to maintain this information in a more usable and updateable format.

Figure 1. Life-stage Timing Data (Periodicity) Table populated with example data only.

Rock Creek (Giliam Co.) Anadromous Species

Life Stage/Activity/Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Upstream Adult Migration												
Summer Steelhead	X	X	X	X	X	X				X	X	X
Adult Holding												
Summer Steelhead	Likely no use											
Adult Spawning												
Summer Steelhead			X	X	X	X	X	X				
Egg Incubation Through Fry Emergence												
Summer Steelhead			X	X	X	X	X	X				
Juvenile Rearing												
Summer Steelhead	X	X	X	X	X	X	X	X	X	X	X	X
Downstream Juvenile Migration												
Summer Steelhead			X	X	X	X						

	Represents 90% of the periods of peak use based on professional opinion.
	Represents 10% of use based professional opinion
	Represents periods of presence; no level of use indicated
X	Represents Document #203320
#203320- Stock Summary Reports for Columbia River Anadromous Salmonids	

We worked with DEQ to refine the life-stage timing data requirements and data compilation protocols. Standard definitions for timing-related terms, and questions we intend to use for compiling life-stage timing data were drafted. Initial data compilation meetings were held in John Day and Enterprise. Staff from ODFW, the Confederated Tribes of Warm Springs, and the Nez Perce tribe participated in these meetings. Life-stage timing for all salmonids and lamprey were compiled, processed, and returned to data contributors for review. These meeting allowed us to test our draft protocols, definitions and questions in the field. As a result, a number of modifications were made to the life-stage timing protocols based on lessons learned.

Genetic and Production Origin: No significant efforts to report.

Barriers:

Staff continued to review various sources of information for new barrier records and new information to update existing records. Existing barrier data in NE Oregon were reviewed by ODFW district staff. Information on newly discovered barriers was also provided, including passage barrier details for summer steelhead.

Efforts were also made to improve our Barrier Database data entry forms and to document the data entry instructions. Development of the 24K Project Data Capture Tool centered on the barrier component during this reporting period.