

**97.—CONDITION OF THE UNITED STATES TROUT PONDS.****By LOREN W. GREEN.**

[Letter to Prof. S. F. Baird.]

Our weather still continues very hot and dry. California has never known just such a winter before. We have had no rain since the fore part of winter, and consequently our traps have been useless. I thought there would surely be 100,000 more eggs to ship, but I fear there will not. The trout in the ponds are nearly all done spawning, and the weather is so hot that it is almost impossible to handle them without great loss. The temperature to-day is 96° in the shade. Years before we have always taken eggs until the last of April, and should we have rains we may get the late run yet, but the creeks and river are very low. The water has been warm in the river and the trout have mostly spawned in the river instead of using the small creeks, as they usually do, but our trout are looking nicely. I received an answer from Mr. Gordon Land, Denver, Colorado, saying the 10,000 eggs arrived in good condition. I received the telegram this morning ordering eggs shipped to different points. I have one lot more now on hand, which will be ready for shipment soon, of about 10,000. At present the temperature of the air is 96° in the shade; temperature of water, 56°.

BAIRD, SHASTA COUNTY, CAL., *March 15, 1885.***98.—LOCATION OF A SALMON HATCHERY IN OREGON.****By C. H. WALKER.**

As to the plan for renewing operations at the Olackamas River salmon hatchery, it has been said that it did not seem to be at the right point to be of any benefit to the Upper Columbia. I wish to call the attention of those who are interested in the matter of propagating salmon to what seems to me one of the best streams east of the Catskill Mountains, namely, the Des Chutes River, especially in the vicinity of the Warm Springs Agency. This river runs within a few miles of the agency, and for some distance above and below where the Agency River empties into it there are numerous coarse gravel or cobble-stone bars, where the salmon deposit their spawn, so the Indians say; and as salmon can often be seen on these bars during August and September, I have no doubt the Indians are correct. Des Chutes is the largest stream that enters the Columbia below the mouth of the Snake River and east of the Cascades. The temperature of the water is quite uniform the year round, always cool enough to be good drinking-water during the hottest days of summer and never cold enough in winter to freeze. Dur-